PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1001	D Prim PW Consum	V	A	3	12	16	none		0,3	0,6	none	none

This field contains the measurement of the of the primary power current measured in the EPDH.

CALIBRATION CURVE ENG [A] = ((Raw Value * 16) / 4095) - 8

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1002	D P.S. Temp #1	V	degC	3	12	16	none				none	none

This field contains the first temperature measured in a hot point inside the EPDH Power Supply.

CALIBRATION CURVE ENG [°C] = (Raw Value * 0.004884 - 10) * (-25.054) + 83.137

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1003	D P.S. Temp #2	V	degC	3	12	16	none				none	none

This field contains the second temperature measured in a hot point inside the EPDH Power Supply.

CALIBRATION CURVE ENG [°C] = (Raw Value * 0.004884 - 10) * (-25.054) + 83.137

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1004	D +5 V PW Supply	V	V	3	12	16	none	5	4,7	5,3	none	none

This field contains the monitor of the EPDH Power Supply + 5 V secondary voltage.

CALIBRATION CURVE ENG [V] = (((Raw Value * 20) / 4095) - 10) * 2

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1005	D DBU Power Sup.	V	V	3	12	16	none	6	5,7	6,3	none	none

This field contains the monitor of the DBU + 6 V Power Line.

CALIBRATION CURVE ENG [V] = (((Raw Value * 20) / 4095) - 10) * 2

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1006	D +15V PW Supply	V	V	3	12	16	none	15	14,5	15,5	none	none

This field contains the monitor of the EPDH Power Supply + 15 V secondary voltage.

CALIBRATION CURVE ENG [V] = (((Raw Value * 20) / 4095) - 10) * 2

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1007	D -15V PW Supply	V	V	3	12	16	none	-15	-15,5	-14,5	none	none

This field contains the monitor of the EPDH Power Supply -15 V secondary voltage.

CALIBRATION CURVE ENG [V] = (((Raw Value * 20) / 4095) - 10) * 2

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1008	D Operating Mode	V	n/a	2	8	8	none		0	16	none	none

This field contains the selected EPCS operating mode This parameter is affected by TCs from F0001 to F0008.

RAW VALUE	MEANING
0	Safe StandBy
1	Idle
2	Observation
4	Offset/Noise
5	CCD Diagnos.
6	Extraheating
16	InFlightTest

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1009	D Valid Mode	V	n/a	2	8	8	none		0	255	none	none

This field contains describes if the selected EPCS operating mode is valid.

RAW VALUE	MEANING
0	Valid Mode
1	EnteringMode
2	Leaving Mode
255	NotValidMode

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1010	D Door Hop ST	V	n/a	2	1	1	none	0	0	1	none	none

This parameter gives the status of the EPDH Door HOP power switch used to power the actuators in the EPCH This parameter is affected by both TCs F0044 & 45.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1011	D Ven Val HOP St	V	n/a	2	1	1	none	0	0	1	none	none

This parameter gives the status of the EPDH Venting Valve HOP power switch used to power the actuators in the EPCH This parameter is affected by both TCs F0047 & 48.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1012	D FW MotorStatus	V	n/a	2	1	1	none	0	0	1	none	none

This parameter gives the status of the EPDH FW motor power switch used to power the actuators in the EPCH This parameter depends on both TCs F0049 & 50.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1013	D ExtH Heater ST	V	n/a	2	1	1	F0007	0	0	1	none	none

This parameter gives the status of the EPDH Extraheating heater power switch used to power the actuators in the EPCH

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1014	D Door HOP LCP	V	n/a	2	1	1	none		0	1	none	none

This parameter gives the last commanded position of the Door HOP power switch used to power the actuators in the EPCH This parameter depends on both TCs F0044 & 45.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1015	D VenVal HOP LCP	V	n/a	2	1	1	none		0	1	none	none

This parameter gives the last commanded position of the Venting Valve HOP power switch used to power the actuators in the EPCH This parameter depends on both TCs F0047 & 48.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1016	D FW Motor LCP	V	n/a	2	1	1	none		0	1	none	none

This parameter gives the last commanded position of the Filter Wheel motor power switch used to power the actuators in the EPCH This parameter depends on both TCs F0049 & 50.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1017	DExtH Heater LCP	V	n/a	2	1	1	F0007		0	1	none	none

This parameter gives the last commanded position of the Extraheating heater switch used to power the actuators in the EPCH

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1018	D Door HOP CLS	V	n/a	2	1	1	none		0	1	none	none

This parameter gives the Current Limiter Status of the Door HOP switch used to power the actuators in the EPCH

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1019	D VenVal HOP CLS	V	n/a	2	1	1	none		0	1	none	none

This parameter gives the Current Limiter Status of the Venting Valve HOP switch used to power the actuators in the EPCH

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1020	D FW Motor CLS	V	n/a	2	1	1	none		0	1	none	none

This parameter gives the Current Limiter Status of the FW Motor switch used to power the actuators in the EPCH

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1021	DExtH Heater CLS	V	n/a	2	1	1	none		0	1	none	none

This parameter gives the Current Limiter Status of the Extraheating heater switch used to power the actuators in the EPCH

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1022	D HBR1 Ch. Conf.	V	n/a	2	8	8	F0031		0	6	none	none

This parameter contains the current operating mode selected for HBR 1 channel

RAW VALUE	MEANING
0	Disabled
1	ImaFullFrame
2	ImaLargeWind
3	ImaSmallWind
4	Timing
5	Burst
6	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1023	D HBR2 Ch. Conf.	V	n/a	2	8	8	F0031		0	6	none	none

This parameter contains the current operating mode selected for HBR 2 channel

RAW VALUE	MEANING
0	Disabled
1	ImaFullFrame
2	ImaLargeWind
3	ImaSmallWind
4	Timing
5	Burst
6	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1024	D HBR3 Ch. Conf.	V	n/a	2	8	8	F0031		0	6	none	none

This parameter contains the current operating mode selected for HBR 3 channel

RAW VALUE	MEANING
0	Disabled
1	ImaFullFrame
2	ImaLargeWind
3	ImaSmallWind
4	Timing
5	Burst
6	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1025	D HBR4 Ch. Conf.	V	n/a	2	8	8	F0031		0	6	none	none

This parameter contains the current operating mode selected for HBR 4 channel

RAW VALUE	MEANING
0	Disabled
1	ImaFullFrame
2	ImaLargeWind

3	ImaSmallWind
4	Timing
5	Burst
6	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1026	D HBR1 Buff Occ	V	n/a	3	4	8	none		0	75	none	none

This parameter contains the HBR 1 channel buffer occupation expressed in percentage of the whole buffer previously sized.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1027	D HBR2 Buff Occ	V	n/a	3	4	8	none		0	75	none	none

This parameter contains the HBR 2 channel buffer occupation expressed in percentage of the whole buffer previously sized.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1028	D HBR3 Buff Occ	V	n/a	3	4	8	none		0	75	none	none

This parameter contains the HBR 3 channel buffer occupation expressed in percentage of the whole buffer previously sized.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1029	D HBR4 Buff Occ	V	n/a	3	4	8	none		0	75	none	none

This parameter contains the HBR 4 channel buffer occupation expressed in percentage of the whole buffer previously sized.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1030	D Course OBT Rst	V	n/a	9	5	48	none		0	16777215	none	none

This parameter contains the EPDH On Board Time sampled when the last reset of the course EPEA On Board Time occured Engineering Value [s] = (Raw Value) * 2E-16

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1031	D LBR I/F Status	V	n/a	2	0	16	none				none	none

This parameter contains information about the EPDH LBR I/F status

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1032	DLast Com FW Pos	V	n/a	3	12	16	none		0	1599	none	none

This parameter contains information about the last commanded Filter Wheel position. This parameter value depends on TCs F0129 & 130. The postion is expressed in motor steps.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1033	D HBR 1 Disc Pix	V	n/a	3	12	16	none		0	65535	none	none

Number of pixels received from HBR 1 channel and discarded by EPDH starting from entering of the counting mode (TLM buffer full). In case more than 32767 pixels are discarded this parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1034	D HBR 2 Disc Pix	V	n/a	3	12	16	none		0	65535	none	none

Number of pixels received from HBR 2 channel and discarded by EPDH starting from entering of the counting mode (TLM buffer full). In case more than 32767 pixels are discarded this parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1035	D HBR 3 Disc Pix	V	n/a	3	12	16	none		0	65535	none	none

Number of pixels received from HBR 3 channel and discarded by EPDH starting from entering of the counting mode (TLM buffer full). In case more than 32767 pixels are discarded this parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1036	D HBR 4 Disc Pix	V	n/a	3	12	16	none		0	65535	none	none

Number of pixels received from HBR 4 channel and discarded by EPDH starting from entering of the counting mode (TLM buffer full). In case more than 32767 pixels are discarded this parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1037	D HBR 1 Disc Cyc	V	n/a	3	12	16	none		0	65535	none	none

Number of frames/cycles received from HBR 1 channel and discarded by EPDH starting from entering of the counting mode. In case more than 32767 frames/cycles are discarded this parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1038	D HBR 2 Disc Cyc	V	n/a	3	12	16	none		0	65535	none	none

Number of frames/cycles received from HBR 2 channel and discarded by EPDH starting from entering of the counting mode. In case more than 32767 frames/cycles are discarded this parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1039	D HBR 3 Disc Cyc	V	n/a	3	12	16	none		0	65535	none	none

Number of frames/cycles received from HBR 3 channel and discarded by EPDH starting from entering of the counting mode. In case more than 32767 frames/cycles are discarded this parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1040	D HBR 4 Disc Cyc	V	n/a	3	12	16	none		0	65535	none	none

Number of frames/cycles received from HBR 4 channel and discarded by EPDH starting from entering of the counting mode. In case more than 32767 frames/cycles are discarded this parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1041	D CntModStaTime1	V	n/a	3	11	15	none		0	32767	none	none

This parameter contains the time (s) at which HBR1 channel entered the last counting mode (more than 75 % of TM buffer filled). The time is the first word (only seconds) of the Time Info received from EPEA.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1042	D CntModStoTime1	V	n/a	3	11	15	none		0	32767	none	none

This parameter contains the time (s) at which HBR1 channel exit the last counting mode (less than 25 % of TM buffer filled). The time is the first word (only seconds) of the Time Info received from EPEA.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1043	D CntModStaTime2	V	n/a	3	11	15	none		0	32767	none	none

This parameter contains the time (s) at which HBR2 channel entered the last counting mode (more than 75 % of TM buffer filled). The time is the first word (only seconds) of the Time Info received from EPEA.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1044	D CntModStoTime2	V	n/a	3	11	15	none		0	32767	none	none

This parameter contains the time (s) at which HBR2 channel exit the last counting mode (less than 25 % of TM buffer filled). The time is the first word (only seconds) of the Time Info received from EPEA.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1045	D CntModStaTime3	V	n/a	3	11	15	none		0	32767	none	none

This parameter contains the time (s) at which HBR3 channel entered the last counting mode (more than 75 % of TM buffer filled). The time is the first word (only seconds) of the Time Info received from EPEA.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1046	D CntModStoTime3	V	n/a	3	11	15	none		0	32767	none	none

This parameter contains the time (s) at which HBR3 channel exit the last counting mode (less than 25 % of TM buffer filled). The time is the first word (only seconds) of the Time Info received from EPEA.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1047	D CntModStaTime4	V	n/a	3	11	15	none		0	32767	none	none

This parameter contains the time (s) at which HBR4 channel entered the last counting mode (more than 75 % of TM buffer filled). The time is the first word (only seconds) of the Time Info received from EPEA.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1048	D CntModStoTime4	V	n/a	3	11	15	none		0	32767	none	none

This parameter contains the time (s) at which HBR4 channel exit the last counting mode (less than 25 % of TM buffer filled). The time is the first word (only seconds) of the Time Info received from EPEA.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1049	D Door HOP ArmST	V	n/a	2	8	8	none		0	255	none	none

This parameter contains the EPDH Door HOP switch arming status. This parameter is affected by both TCs F0043 & 45.

RAW VALUE	MEANING
0	Not Armed
255	Armed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1050	D VenValHOPArmST	V	n/a	2	8	8	none		0	255	none	none

This parameter contains the EPDH Venting Valve HOP switch arming status. This parameter is affected by both TCs F0046 & 48.

RAW VALUE	MEANING
0	Not Armed
255	Armed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1051	D H/K Refresh ST	V	n/a	2	0	16	none		0	65535	none	none

This parameter gives the refresh status of the EPCE H/K block contained in this packet.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1052	DTimAutRstPreVal	V	n/a	3	12	16	F0063		1	32400	none	none

This parameter contains the preset value (in seconds) loaded in the EPDH counter used for the automatic reset of the EPEA time.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1053	C CE_SECCNT	V	n/a	3	12	16	none		0	65535	none	none

This field contains the EPCE time counter with the resolution of 1 second.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1054	C CE_ERRCNT	V	n/a	3	4	8	F0078		0	255	none	none

This field contains a counter indicating the number of times an error was detected in the EPCE. The last error code is indicated in CE_LASTERR (PREF F1055). The TC CE_RESERR will reset this counter.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1055	C CE_LASTERR	V	n/a	2	8	8	F0078		0	255	none	none

This field contains a code indicating the last error detected in the EPCE. The TC CE_RESERR will reset this counter.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1056	C CE_CMDCNT	V	n/a	3	4	8	none		0	255	none	none

This field contains a counter indicating the number of commands (with the exception of CEHKSEND commands) accepted in the EPCE. The last accepted command is indicated indicated by CE_LASTCMD (PREF F1107).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1057	C CE_CMDREJ	V	n/a	3	4	8	F0078		0	255	none	none

This field contains a counter indicating the number of commands rejected in the EPCE. The TC CE_RESERR will reset this counter.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1058	C FWTH ADC Stat	V	n/a	2	1	1	F0078	0	0	1	none	none

Filter Wheel TH ADC ready/not ready (0/1). The TC CE_RESERR will reset this counter. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Ready
1	Not Ready

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1059	C CE_OVRRUNS	V	n/a	3	4	8	none		0	255	none	none

This field contains a counter indicating the number of SIO receive buffer overrun detection in the EPCE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1060	C CE_BYTEREC	V	n/a	3	12	16	none		0	65535	none	none

This field contains a counter indicating the total number of bytes received from the EPDH through the LBR I/F.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1061	C CE_BYTESND	V	n/a	3	12	16	none		0	65535	none	none

This field contains a counter indicating the total number of bytes transmitted to the EPDH through the LBR I/F.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1062	C CE_CMDCNTR	V	n/a	3	4	8	none		0	255	none	none

This field contains a counter indicating the number of CEHKSEND commands accepted in the EPCE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1063	CErrSIF MasterST	V	n/a	2	1	1	F0078	0	0	1	none	none

EPCE SIF Master Error Status (Ready/Not Ready). The TC CE_RESERR will reset this counter. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Ready
1	Not Ready

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1064	CErr EPCE ADC ST	V	n/a	2	1	1	F0078	0	0	1	none	none

EPCE ADC Error Status (Ready/Not Ready). The TC CE_RESERR will reset this counter. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Ready
1	Not Ready

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1065	CErr UART InpuST	V	n/a	2	1	1	F0078	0	0	1	none	none

EPCE UART input character error status (overrun). The TC CE_RESERR will reset this counter. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	No Overrun
1	Overrun

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1066	CErr EPVC ADC ST	V	n/a	2	1	1	F0078	0	0	1	none	none

EPVC ADC error status (Ready / Not Ready). The TC CE_RESERR will reset this counter. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Ready
1	Not Ready

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1067	CErrIlgCPUInterr	V	n/a	2	1	1	F0078	0	0	1	none	none

CPU error status (illegal interrupt received). The TC CE_RESERR will reset this counter. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Not Received
1	Received

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1068	C Err RAM Check	V	n/a	2	1	1	F0179	0	0	1	none	none

RAM check error status (not occured/occured). The TC CE_RESERR will reset this counter. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Not Occured
1	Occured

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1069	C CE_TEMPCPU	V	degC	3	4	8	none				none	none

This field indicates the CPU board temperature in the EPCE.

CALIBRATION CURVE ENG (°C) = RAW*1.73-270

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1070	C CE_TEMPBOX	V	degC	3	4	8	none				none	none

This field indicates the EPCE box temperature.

CALIBRATION CURVE ENG (°C) = RAW*1.73-270

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1071	C CE_WBOOTS	V	n/a	3	4	8	F0078		0	255	none	none

Number of times the microprocessor warm boot has been performed on the EPCE. The TC CE_RESERR (F0078) will reset this counter.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1072	C CE_INTCNT	V	n/a	3	4	8	none		0	255	none	none

This field contains a counter indicating the number of interrupts detected in the EPCE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1073	C CE_WDOGCNT	V	n/a	3	4	8	F0078		0	255	none	none

This field contains a counter indicating the number of times the watch-dog of the EPCE is expired. The TC CE_RESERR will reset this counter.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1074	C CE_QUADSEL #3	V	n/a	2	1	1	F0092	1	0	1	none	none

This parameter indicates the current EPEA/EPCH Quadrant 3 selection status. All the TCs related to quadrant operation will be automatically broadcasted, by EPCE, to the selected quadrants. After power-on all the quadrants are automatically selected.

RAW VALUE	MEANING
0	Not Selected
1	Selected

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1075	C CE_QUADSEL #2	V	n/a	2	1	1	F0092	1	0	1	none	none

This parameter indicates the current EPEA/EPCH Quadrant 2 selection status. All the TCs related to quadrant operation will be automatically broadcasted, by EPCE, to the selected quadrants. After power-on all the quadrants are automatically selected.

RAW VALUE	MEANING
0	Not Selected
1	Selected

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1076	C CE_QUADSEL #1	V	n/a	2	1	1	F0092	1	0	1	none	none

This parameter indicates the current EPEA/EPCH Quadrant 1 selection status. All the TCs related to quadrant operation will be automatically broadcasted, by EPCE, to the selected quadrants. After power-on all the quadrants are automatically selected.

RAW VALUE	MEANING
0	Not Selected
1	Selected

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1077	C CE_QUADSEL #0	V	n/a	2	1	1	F0092	1	0	1	none	none

This parameter indicates the current EPEA/EPCH Quadrant 0 selection status. All the TCs related to quadrant operation will be automatically broadcasted, by EPCE, to the selected quadrants. After power-on all the quadrants are automatically selected.

RAW VALUE	MEANING
0	Not Selected
1	Selected

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1078	C EPCE Active	V	n/a	2	1	1	none	0	0	1	none	none

Nominal/Redundant EPCE Active. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Nominal
1	Redundant

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1079	C EPCE Mode	V	n/a	2	1	1	F0083	0	0	1	none	none

Normal/Debug EPCE Mode. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Nominal
1	Debug

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1080	C EPCEMemoModify	V	n/a	2	1	1	F0091		0	1	none	none

This parameter contains the memory modify mode of the EPCE. It is available also in Debug mode.

RAW VALUE	MEANING
0	One time
1	Continuously

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1081	C	V	n/a	2	1	1	F0091		0	1	none	none

This parameter contains information about the memory modify with autoincrement on/off. It is available also in Debug mode.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1082	CCEB/CEWPUT	V	n/a	2	1	1	none	0	0	1	none	none

Result of the CEBPUT/CEWPUT verify. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1083	CCEB/CEWPUT VeSt	V	n/a	2	1	1	F0091		0	1	none	none

Status of the CEBPUT/CEWPUT verify. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Enabled
1	Disabled

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1084	C FWGOTO Status	V	n/a	2	1	1	F0129		0	1	none	none

Activation status of the FWGOTO. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1085	C FWCAL Status	V	n/a	2	1	1	F0130		0	1	none	none

Activation status of the FWCAL. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1086	CCERAMCHK Status	V	n/a	2	1	1	F0179		0	1	none	none

Status of the EPCE RAM check. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1087	CMemUplinkStatus	V	n/a	2	1	1	F0082		0	1	none	none

Activation status of the EPCE memory uplink.
This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1088	CCEIntVecMemTest	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the result of the EPCE interrupt vector memory selftest. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1089	C CEMemBank2Test	V	n/a	2	1	1	none	0	0	1	none	none

Result of the EPCE memory bank 2 selftest. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1090	C CEMemBank1Test	V	n/a	2	1	1	none	0	0	1	none	none

Result of the EPCE memory bank 1 selftest. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1091	C CEMemBank0Test	V	n/a	2	1	1	none	0	0	1	none	none

Result of the EPCE memory bank 0 selftest. This monitor is available also in Debug mode.

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1092	C CE_MSG	V	n/a	3	12	16	F0079		0	65535	none	none

This parameter contains, after the power-on, the S/W version of the EPCE program. Then it can be modified by the CESETMSG TC.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1093	C CE_ADDRS	V	n/a	3	12	16	F0088	65535	0	65535	none	none

Last EPCE segment address loaded using CEASET TC for data modification This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1094	C CE_ADDRO	V	n/a	3	12	16	F0088	0	0	65535	none	none

Last EPCE offset address loaded using CEASET TC for data modification, or last value generated by autoincrement option of Debug mode
This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1095	C CE_DATA	V	n/a	3	12	16	F0088		0	65535	none	none

Data content of the EPCE selected address This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1096	C CE_MEMCHKSS	V	n/a	3	12	16	F0065		0	65535	none	none

Start address (segment) for the EPCE memory checksum This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1097	C CE_MEMCHKSO	V	n/a	3	12	16	F0065		0	65535	none	none

Start address (offset) for the EPCE memory checksum This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1098	C CE_MEMCHKLEN	V	n/a	3	12	16	F0065		0	65535	none	none

Length for the EPCE memory checksum This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1099	C CE_MEMCHKSUM	V	n/a	3	12	16	F0065		0	65535	none	none

Result of the EPCE memory checksum This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1100	C CE_RAMCHKSS	V	n/a	3	12	16	F0179				none	none

Start address (segment) for EPCE RAM checksum (or first error address, if an error is found) This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1101	C CE_RAMCHKSO	V	n/a	3	12	16	F0179		0	65535	none	none

Start address (offset) for RAM checksum (or first error address, if an error is found) This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1102	C CE_RAMCHKLEN	V	n/a	3	12	16	F0179		0	65535	none	none

Lenght for the EPCE RAM memory checksum (or 0, if an error is found) This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1103	C CE_DCREG slave	V	n/a	3	0	4	F0194		0	7	none	none

This parameter contains the last slave address loaded by the EPCE CEDC command This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1104	C CE_DCCMD	V	n/a	3	12	16	F0194		0	65535	none	none

This parameter contains the last command data loaded by the CEDC command This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1105	C CE_DCSTAT	V	n/a	3	4	8	F0194		0	65535	none	none

This parameter contains the status read from the last selected EPCE slave/register by the CEDC TC This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1106	C CE_DCDATA	V	n/a	3	12	16	F0194		0	65535	none	none

This parameter contains the data read from the last selected EPCE slave/register by the CEDC TC This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1107	C CE_LASTCMD	V	n/a	2	8	8	none		0	255	none	none

This parameter contains the command Identifier of the last accepted command (except CEHKSEND) This monitor is available also in Debug mode.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1108	C CE_MUPL_S	V	n/a	3	12	16	F0082		0	65535	none	none

This parameter contains the EPCE memory upload start address (segment)

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1109	C CE_MUPL_O	V	n/a	3	12	16	F0082		0	65535	none	none

This parameter contains the EPCE memory upload start address (offset)

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1110	C CE_MUPL_L	V	n/a	3	4	8	F0082		0	232	none	none

This parameter contains the EPCE memory upload length (bytes)

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1111	H FW Moving Mode	V	n/a	2	1	1	F0126	1	0	1	none	none

This parameter describes the FW moving mode (emergency/normal)

RAW VALUE	MEANING
0	Emergency
1	Normal

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1112	HFW Moving Direc	V	n/a	2	1	1	F0125		0	1	none	none

This parameter describes the FW moving direction (forward/reverse)

RAW VALUE	MEANING
0	Up
1	Down

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1113	H FW Stop Sensor	V	n/a	2	1	1	F0190	0	0	1	none	none

This parameter describes if the FW stop sensor is enabled or disabled

RAW VALUE	MEANING
0	Enabled
1	Disabled

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1114	HFW TimeOut Step	V	n/a	3	7	11	F0123		0	1599	none	none

This parameter reports the FW timeout in steps

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1115	HFW Moving Speed	V	n/a	2	1	1	F0188		0	1	none	none

This parameter reports the FW moving speed (slow/fast)

RAW VALUE	MEANING
0	Slow
1	Fast

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1116	H FW TimeOutStop	V	n/a	2	1	1	F0189		0	1	none	none

This parameter reports the status of the FW Timeout Stop (disabled/enabled)

RAW VALUE	MEANING
0	Disabled
1	Enabled

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1117	H FW PW	V	n/a	2	1	1	F0127		0	1	none	none

This parameter reports the status of the FW PW position and temperature sensor (off/on) When this parameter is Off, the following HK parameters are meaningless: F1118, F1122-24.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1118	H FW PosSensorST	V	n/a	2	3	3	F0129		0	7	none	none

This parameter reports the position status of the FW Hall sensor

RAW VALUE	MEANING
0	Open
1	Filter D
2	Filter C
3	Filter B
4	Filter A
5	Close
7	No Stop Pos.

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1119	HFW Motor Status	V	n/a	2	1	1	F0124	0	0	1	none	none

This parameter reports the status of the FW motor (stopped/running)

RAW VALUE	MEANING
0	Stopped
1	Running

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1120	HFW StopPosition	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the status of the FW stop position (active/not active)

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1121	H FW Stop Active	V	n/a	2	1	1	none		0	1	none	none

RAW VALUE	MEANING
0	Active
1	Not Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1122	H CE_FWSPOT	V	n/a	3	12	16	none		0	359,9	none	none

This parameter reports the FW absolute postion, in degrees, measured by the potentiometer

CALIBRATION CURVE ENG (°C) = RAW*(-0.8547)+417.094

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1123	H CE_FWTEMP1	V	degC	3	12	16	none				none	none

This parameter reports the temperature of the FW Motor Driver Electronics in the EPCH

CALIBRATION CURVE ENG (°C) = RAW*(-0.8967)+186.088

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1124	H CE_FWTEMP2	V	degC	3	12	16	none				none	none

This parameter reports the temperature of the FW motor in the EPCH

CALIBRATION CURVE ENG (°C) = RAW*(-0.8967)+186.088

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1125	HFW DecontHeaLtc	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the status of the decontamination heater latch (on/off)

RAW VALUE	MEANING
0	ON
1	OFF

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1127	H CE_TTMPFPC	V	degC	3	12	16	none				none	none

This parameter reports the coarse resolution of the focal plane thermal control temperature

CALIBRATION CURVE ENG (°C) = RAW*(-0.7303)+129.6629

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1128	H CE_TTMPFPF	V	degC	3	12	16	none				none	none

This parameter reports the fine resolution of the focal plane thermal control temperature

CALIBRATION CURVE ENG (°C) = RAW*(-0.07421)-91.2987

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1129	H CE_TTMPS	V	degC	3	12	16	none				none	none

This parameter reports the shield thermal control temperature

CALIBRATION CURVE ENG (°C) = RAW*(-0.7303)+129.6629

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1130	H HOP PW Sensor	V	n/a	2	1	1	F0191		0	1	none	none

This parameter reports the PW status of the bellow Hall sensor (off/on)

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1131	H HOP Retracted	V	n/a	2	1	1	none		0	1	none	none

This parameters reports the bellow status (retracted/not retracted)

RAW VALUE	MEANING
0	Retracted
1	NotRetracted

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1132	HHOP Door Status	V	n/a	2	1	1	F0044		0	1	none	none

This parameter reports the status of the Door HOP (open/closed)

RAW VALUE	MEANING
0	Open
1	Closed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1133	C CE_U+5D	V	V	3	4	8	none		4,7	5,3	none	none

This parameter reports the EPCE + 5 V digital voltage

CALIBRATION CURVE ENG (V) = RAW*0.045

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1134	C CE_U+5A	V	V	3	4	8	none		4,7	5,3	none	none

This parameter reports the EPCE + 5 V analogue voltage

CALIBRATION CURVE ENG (V) = RAW*0.044

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1135	C CE_U-15A	V	V	3	4	8	none		-15,5	-14,5	none	none

This parameter reports the EPCE - 15 V analogue voltage

CALIBRATION CURVE ENG (V) = RAW*(-0.13)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1136	C CE_UDGND	V	V	3	4	8	none		-0,5	0,5	none	none

This parameter reports the EPCE digital ground voltage

CALIBRATION CURVE ENG (V) = RAW*0.01954-2.5

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1137	C CE_CU+5A	V	V	3	4	8	none		4,7	5,3	none	none

This parameter reports the FW + 5 V analogue voltage used in the Filter Wheel & Thermal Control electronics of the EPCH

CALIBRATION CURVE ENG (V) = RAW*0.036

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1138	C CE_CU-15A	V	V	3	4	8	none		-15,5	-14,5	none	none

This parameter reports the FW - 15 V analogue voltage used in the Filter Wheel & Thermal Control electronics of the EPCH

CALIBRATION CURVE ENG (V) = RAW*(-0.0711)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1139	C ErA0 ADC QuaST	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the status of the ADC quadrant 0 electronics (ready / not ready). This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	Ready
1	Not Ready

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1140	CErA0 RecDataCks	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the status of the data checksum received from EPEA Quadrant 0 (no error / error) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1141	C ErA0 Transmit	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the transmission status from EPEA Quadrant 0 (no error / error) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1142	CErA0 ACKTimO ST	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the Acknowledge timeout error status of the EPEA Quadrant 0 (no error / error) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1143	CErA0 ACK Status	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the Acknowledge error status of the EPEA Quadrant 0 (no error / error) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1144	C ErA0 NegACKCod	V	n/a	2	8	8	F0078				none	none

This parameter reports the negative acknowledge error code from EPEA Quadrant 0 The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1145	C ErA1 ADC QuaST	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the status of the ADC quadrant 1 electronics (ready / not ready) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	Ready
1	Not Ready

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1146	CErA1 RecDataCks	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the status of the data checksum received from EPEA Quadrant 1 (no error / error) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1147	C ErA1 Transmit	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the transmission status from EPEA Quadrant 1 (no error / error) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1148	CErA1 ACKTimO ST	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the Acknowledge timeout error status of the EPEA Quadrant 1 (no error / error) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1149	CErA1 ACK Status	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the Acknowledge error status of the EPEA Quadrant 1 (no error / error) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1150	C ErA1 NegACKCod	V	n/a	2	8	8	F0078				none	none

This parameter reports the negative acknowledge error code from EPEA Quadrant The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1151	C ErA2 ADC QuaST	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the status of the ADC quadrant 2 electronics (ready / not ready) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	Ready
1	Not Ready

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1152	CErA2 RecDataCks	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the status of the data checksum received from EPEA Quadrant 2 (no error / error) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1153	C ErA2 Transmit	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the transmission status from EPEA Quadrant 2 (no error / error) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1154	CErA2 ACKTimO ST	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the Acknowledge timeout error status of the EPEA Quadrant 2 (no error / error) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1155	CErA2 ACK Status	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the Acknowledge error status of the EPEA Quadrant 2 (no error / error) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1156	C ErA2 NegACKCod	V	n/a	2	8	8	F0078				none	none

This parameter reports the negative acknowledge error code from EPEA Quadrant 2 The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1157	C ErA3 ADC QuaST	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the status of the ADC quadrant 3 electronics (ready / not ready) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	Ready
1	Not Ready

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1158	CErA3 RecDataCks	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the status of the data checksum received from EPEA Quadrant 3 (no error / error) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1159	C ErA3 Transmit	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the transmission status from EPEA Quadrant 3 (no error / error) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1160	CErA3 ACKTimO ST	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the Acknowledge timeout error status of the EPEA Quadrant 3 (no error / error) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1161	CErA3 ACK Status	V	n/a	2	1	1	F0078	0	0	1	none	none

This parameter reports the Acknowledge error status of the EPEA Quadrant 3 (no error / error) This information is updated during command distribution to EPEA. The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1162	C ErA3 NegACKCod	V	n/a	2	8	8	F0078				none	none

This parameter reports the negative acknowledge error code from EPEA Quadrant 3 The TC CE_RESERR (F0078) will reset this parameter.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1163	C CE_IOADDR	V	n/a	3	12	16	F0088	65535	0	65535	none	none

This parameter reports the last EPCE I/O address loading using CEASET TC for data modification This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1164	C CE_IODATA	V	n/a	3	12	16	F0088		0	65535	none	none

This parameter reports the data content of the port/register addressed by CE_IOADDR This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1165	C RecTabDataShow	V	n/a	2	1	1	F0083		0	1	none	none

This parameter reports if the Hex Table Data received at EPCE from EPEA are shown

RAW VALUE	MEANING
0	Not Selected
1	Selected

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1166	C CE_SSEG	V	n/a	3	12	16	none		0	65535	none	none

This parameter reports the current stack segment address used by the EPCE microprocessor

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1167	C CE_DSEG	V	n/a	3	12	16	none		0	65535	none	none

This parameter reports the current EPCE data segment address used by the EPCE microprocessor

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1168	VCurrentMeasCoSw	V	n/a	2	1	1	F0142		0	1	none	none

This parameter reports the status of the EPVC current measurement switch control

RAW VALUE	MEANING
0	Enabled
1	Disabled

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1169	VConvSync Switch	V	n/a	2	1	1	F0143		0	1	none	none

This parameter reports the status of the EPVC converter synchronizer switch control

RAW VALUE	MEANING
0	Enabled
1	Disabled

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1170	VAcSTSwitchThPW2	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the actual status of the EPVC switch thermal power 2 This parameter can be modified by both TCs F0139 & F0140.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1171	VAcSTSwitchThPW1	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the actual status of the EPVC switch thermal power 1 This parameter can be modified by both TCs F0139 & F0140.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1172	V AcSTSwitchFW	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the actual status of the EPVC filter wheel switch This parameter can be modified by both TCs F0139 & F0140.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1173	V AcSTSwitchHT	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the actual status of the EPVC Operating Heater switch This parameter can be modified by both TCs F0139 & F0140.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1174	V AcSTSwitchQua3	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the actual status of the EPVC quadrant 3 switch This parameter can be modified by both TCs F0139 & F0140.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1175	V AcSTSwitchQua2	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the actual status of the EPVC quadrant 2 switch This parameter can be modified by both TCs F0139 & F0140.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1176	V AcSTSwitchQua1	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the actual status of the EPVC quadrant 1 switch This parameter can be modified by both TCs F0139 & F0140.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1177	V AcSTSwitchQua0	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the actual status of the EPVC quadrant 0 switch This parameter can be modified by both TCs F0139 & F0140.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1178	V SwitchThermPW2	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the last commanded status of the EPVC thermal power 2 switch This parameter can be modified by both TCs F0139 & F0140.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1179	V SwitchThermPW1	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the last commanded status of the EPVC thermal power 1 switch This parameter can be modified by both TCs F0139 & F0140.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1180	V Switch FW	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the last commanded status of the EPVC filter wheel switch This parameter can be modified by both TCs F0139 & F0140.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1181	V Switch HT	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the last commanded status of the EPVC Operating Heater switch This parameter can be modified by both TCs F0139 & F0140.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1182	V Switch Qua3	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the last commanded status of the EPVC quadrant 3 switch This parameter can be modified by both TCs F0139 & F0140.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1183	V Switch Qua2	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the last commanded status of the EPVC quadrant 2 switch This parameter can be modified by both TCs F0139 & F0140.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1184	V Switch Qua1	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the last commanded status of the EPVC quadrant 1 switch This parameter can be modified by both TCs F0139 & F0140.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1185	V Switch Qua0	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the last commanded status of the EPVC quadrant 0 switch This parameter can be modified by both TCs F0139 & F0140.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1186	V VC_TEMP1	V	degC	3	4	8	none				none	none

This parameter reports the EPVC switch case temperature

CALIBRATION CURVE ENG (°C) = RAW*1.73-270

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1187	V VC_TEMP2	V	V	3	4	8	none				none	none

This parameter reports the EPVC box temperature

CALIBRATION CURVE ENG (°C) = RAW*1.73-270

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1188	V VC_IMAIN	V	mA	3	4	8	none				none	none

This parameter reports the current measurement on the primary side of the EPCE dedicated converters in the EPVC.

CALIBRATION CURVE ENG (mA) = RAW*3.617

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1189	V VC_IQ0	V	mA	3	4	8	none				none	none

This parameter reports the current measurement on the primary side of the EPEA quadrant 0 dedicated converters in the EPVC

CALIBRATION CURVE ENG (mA) = RAW*4.0

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1190	V VC_IQ1	V	mA	3	4	8	none				none	none

This parameter reports the current measurement on the primary side of the EPEA quadrant 1 dedicated converters in the EPVC

CALIBRATION CURVE ENG (mA) = RAW*3.777

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1191	V VC_IQ2	V	mA	3	4	8	none				none	none

This parameter reports the current measurement on the primary side of the EPEA quadrant 2 dedicated converters in the EPVC

CALIBRATION CURVE ENG (mA) = RAW*3.273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1192	V VC_IQ3	V	mA	3	4	8	none				none	none

This parameter reports the current measurement on the primary side of the EPEA quadrant 3 dedicated converters in the EPVC

CALIBRATION CURVE ENG (mA) = RAW*3.491

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1193	V VC_IHT	V	mA	3	4	8	none				none	none

This parameter reports the current measurement on the primary side of the Operating Heater dedicated converters in the EPVC

CALIBRATION CURVE ENG (mA) = RAW*5.74+42.778

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1194	V VC_HV0CTRL	V	n/a	2	8	8	F0141		0	255	none	none

This parameter reports the EPVC HV0 converter digital setting

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1195	V VC_HV1CTRL	V	n/a	2	8	8	F0141		0	255	none	none

This parameter reports the EPVC HV1 converter digital setting

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1196	V VC_HV2CTRL	V	n/a	2	8	8	F0141		0	255	none	none

This parameter reports the EPVC HV2 converter digital setting

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1197	V VC_HV3CTRL	V	n/a	2	8	8	F0141		0	255	none	none

This parameter reports the EPVC HV3 converter digital setting

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1198	V VC_UHV0	V	V	3	12	16	F0141		-300	10	none	none

This parameter reports the measured EPVC HV0 voltage

CALIBRATION CURVE ENG (V) = RAW*(-1.01333)+513.76

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1199	V VC_UHV1	V	V	3	12	16	F0141		-300	10	none	none

This parameter reports the measured EPVC HV1 voltage

CALIBRATION CURVE ENG (V) = RAW*(-1.01333)+513.76

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1200	V VC_UHV2	V	V	3	12	16	F0141		-300	10	none	none

This parameter reports the measured EPVC HV2 voltage

CALIBRATION CURVE ENG (V) = RAW*(-1.01333)+513.76

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1201	V VC_UHV3	V	V	3	12	16	F0141		-300	10	none	none

This parameter reports the measured EPVC HV3 voltage

CALIBRATION CURVE ENG (V) = RAW*(-1.01333)+513.76

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1202	V VC_HTCTRL	V	n/a	3	4	8	F0141		0	255	none	none

This parameter reports the EPVC operating heater converter digital setting

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1203	V VC_UHT	V	V	3	12	16	F0141		0	40	none	none

This parameter reports the measured EPVC operating heater voltage

CALIBRATION CURVE ENG (V) = RAW*(-0.10756)+54.532

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1204	C CE_DCREGmaster	V	n/a	3	0	4	F0194		0	7	none	none

This parameter contains the last register address loaded by the EPCE CEDC command This monitor is available also in Debug mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1205	EQUCH0 UVAR Offs	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the quadrant 0 UVAR offset status This parameters can be modified by TCs F0159, F0160 and F0161.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1206	E QUCH0 CCD FFDR	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the quadrant 0 CCD FFDR status This parameters can be modified by TCs F0159, F0160 and F0161.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1207	E QUCH0 CCD BIAS	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the quadrant 0 CCD bias status This parameters can be modified by TCs F0159, F0160 and F0161.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1208	EQUCH0 CCD Power	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the quadrant 0 CCD power status This parameters can be modified by TCs F0159, F0160 and F0161.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1209	EQUCH1 UVAR Offs	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the quadrant 1 UVAR offset status This parameters can be modified by TCs F0159, F0160 and F0161.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1210	E QUCH1 CCD FFDR	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the quadrant 1 CCD FFDR status This parameters can be modified by TCs F0159, F0160 and F0161.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1211	E QUCH1 CCD BIAS	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the quadrant 1 CCD bias status This parameters can be modified by TCs F0159, F0160 and F0161.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1212	EQUCH1 CCD Power	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the quadrant 1 CCD power status This parameters can be modified by TCs F0159, F0160 and F0161.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1213	EQUCH2 UVAR Offs	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the quadrant 2 UVAR offset status This parameters can be modified by TCs F0159, F0160 and F0161.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1214	E QUCH2 CCD FFDR	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the quadrant 2 CCD FFDR status This parameters can be modified by TCs F0159, F0160 and F0161.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1215	E QUCH2 CCD BIAS	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the quadrant 2 CCD bias status This parameters can be modified by TCs F0159, F0160 and F0161.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1216	EQUCH2 CCD Power	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the quadrant 2 CCD power status This parameters can be modified by TCs F0159, F0160 and F0161.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1217	EQUCH3 UVAR Offs	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the quadrant 3 UVAR offset status This parameters can be modified by TCs F0159, F0160 and F0161.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1218	E QUCH3 CCD FFDR	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the quadrant 3 CCD FFDR status This parameters can be modified by TCs F0159, F0160 and F0161.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1219	E QUCH3 CCD BIAS	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the quadrant 3 CCD bias status This parameters can be modified by TCs F0159, F0160 and F0161.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1220	EQUCH3 CCD Power	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the quadrant 3 CCD power status This parameters can be modified by TCs F0159, F0160 and F0161.

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1221	E CACH0 TstPulse	V	n/a	2	1	1	F0162		0	1	none	none

This parameter reports the test pulse status of the quadrant 0

RAW VALUE	MEANING
0	Disabled
1	Enabled

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1222	ECACH0 TstSwitc3	V	n/a	2	1	1	F0162		0	1	none	none

This parameter reports the test switch 3 status of the quadrant 0

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1223	ECACH0 TstSwitc2	V	n/a	2	1	1	F0162		0	1	none	none

This parameter reports the test switch 2 status of the quadrant 0

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1224	ECACH0 TstSwitc1	V	n/a	2	1	1	F0162		0	1	none	none

This parameter reports the test switch 1 status of the quadrant 0

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1225	ECACH0 GainCame2	V	n/a	2	1	1	F0163		0	1	none	none

This parameter reports the gain camex 2 status of quadrant 0

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1226	ECACH0 GainCame1	V	n/a	2	1	1	F0163		0	1	none	none

This parameter reports the gain camex 1 status of quadrant 0

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1227	ECACH0 GainCame0	V	n/a	2	1	1	F0163		0	1	none	none

This parameter reports the gain camex 0 status of quadrant 0

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1228	E CACH1 TstPulse	V	n/a	2	1	1	F0162		0	1	none	none

This parameter reports the test pulse status of the quadrant 1

RAW VALUE	MEANING
0	Disabled
1	Enabled

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1229	ECACH1 TstSwitc3	V	n/a	2	1	1	F0162		0	1	none	none

This parameter reports the test switch 3 status of the quadrant 1

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1230	ECACH1 TstSwitc2	V	n/a	2	1	1	F0162		0	1	none	none

This parameter reports the test switch 2 status of the quadrant 1

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1231	ECACH1 TstSwitc1	V	n/a	2	1	1	F0162		0	1	none	none

This parameter reports the test switch 1 status of the quadrant 1

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1232	ECACH1 GainCame2	V	n/a	2	1	1	F0163		0	1	none	none

This parameter reports the gain camex 2 status of quadrant 1

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1233	ECACH1 GainCame1	V	n/a	2	1	1	F0163		0	1	none	none

This parameter reports the gain camex 1 status of quadrant 1

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1234	ECACH1 GainCame0	V	n/a	2	1	1	F0163		0	1	none	none

This parameter reports the gain camex 0 status of quadrant 1

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1235	E CACH2 TstPulse	V	n/a	2	1	1	F0162		0	1	none	none

This parameter reports the test pulse status of the quadrant 2

RAW VALUE	MEANING
0	Disabled
1	Enabled

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1236	ECACH2 TstSwitc3	V	n/a	2	1	1	F0162		0	1	none	none

This parameter reports the test switch 3 status of the quadrant 2

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1237	ECACH2 TstSwitc2	V	n/a	2	1	1	F0162		0	1	none	none

This parameter reports the test switch 2 status of the quadrant 2

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1238	ECACH2 TstSwitc1	V	n/a	2	1	1	F0162		0	1	none	none

This parameter reports the test switch 1 status of the quadrant 2

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1239	ECACH2 GainCame2	V	n/a	2	1	1	F0163		0	1	none	none

This parameter reports the gain camex 2 status of quadrant 2

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1240	ECACH2 GainCame1	V	n/a	2	1	1	F0163		0	1	none	none

This parameter reports the gain camex 1 status of quadrant 2

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1241	ECACH2 GainCame0	V	n/a	2	1	1	F0163		0	1	none	none

This parameter reports the gain camex 0 status of quadrant 2

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1242	E CACH3 TstPulse	V	n/a	2	1	1	F0162		0	1	none	none

This parameter reports the test pulse status of the quadrant 3

RAW VALUE	MEANING
0	Disabled
1	Enabled

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1243	ECACH3 TstSwitc3	V	n/a	2	1	1	F0162		0	1	none	none

This parameter reports the test switch 3 status of the quadrant 3

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1244	ECACH3 TstSwitc2	V	n/a	2	1	1	F0162		0	1	none	none

This parameter reports the test switch 2 status of the quadrant 3

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1245	ECACH3 TstSwitc1	V	n/a	2	1	1	F0162		0	1	none	none

This parameter reports the test switch 1 status of the quadrant 3

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1246	ECACH3 GainCame2	V	n/a	2	1	1	F0163		0	1	none	none

This parameter reports the gain camex 2 status of quadrant 3

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1247	ECACH3 GainCame1	V	n/a	2	1	1	F0163		0	1	none	none

This parameter reports the gain camex 1 status of quadrant 3

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1248	ECACH3 GainCame0	V	n/a	2	1	1	F0163		0	1	none	none

This parameter reports the gain camex 0 status of quadrant 3

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1249	E C0_UVBST	V	V	3	4	8	F0158				none	none

This parameter reports the VBST voltage of quadrant 0

CALIBRATION CURVE ENG (V) = RAW*(-0.05869)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1250	E C1_UVBST	V	V	3	4	8	F0158				none	none

This parameter reports the VBST voltage of quadrant 1

CALIBRATION CURVE ENG (V) = RAW*(-0.05869)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1251	E C2_UVBST	V	V	3	4	8	F0158				none	none

This parameter reports the VBST voltage of quadrant 2

CALIBRATION CURVE ENG (V) = RAW*(-0.05825)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1252	E C3_UVBST	V	V	3	4	8	F0158				none	none

This parameter reports the VBST voltage of quadrant 3

CALIBRATION CURVE ENG (V) = RAW*(-0.05869)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1253	E C0_TEMPCCD	V	mV	3	12	16	none				none	none

This parameter reports the CCD temperature of quadrant 0, measured by a diode.

CALIBRATION CURVE ENG (mV) = RAW*(-1.74292)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1254	E C1_TEMPCCD	V	mV	3	12	16	none				none	none

This parameter reports the CCD temperature of quadrant 1, measured by a diode.

CALIBRATION CURVE ENG (mV) = RAW*(-1.74292)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1255	E C2_TEMPCCD	V	mV	3	12	16	none				none	none

This parameter reports the CCD temperature of quadrant 2, measured by a diode.

CALIBRATION CURVE ENG (mV) = RAW*(-1.74292)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1256	E C3_TEMPCCD	V	mV	3	12	16	none				none	none

This parameter reports the CCD temperature of quadrant 3, measured by a diode.

CALIBRATION CURVE ENG (mV) = RAW*(-1.74292)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1257	E C0_IVSSA	V	mA	3	4	8	none				none	none

This parameter reports the quadrant 0 VSSA current

CALIBRATION CURVE ENG (mA) = RAW*0.29851

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1258	E C1_IVSSA	V	mA	3	4	8	none				none	none

This parameter reports the quadrant 1 VSSA current

CALIBRATION CURVE ENG (mA) = RAW*0.29851

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1259	E C2_IVSSA	V	mA	3	4	8	none				none	none

This parameter reports the quadrant 2 VSSA current

CALIBRATION CURVE ENG (mA) = RAW*0.298214

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1260	E C3_IVSSA	V	mA	3	4	8	none				none	none

This parameter reports the quadrant 3 VSSA current

CALIBRATION CURVE ENG (mA) = RAW*0.29851

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1261	E C0_IVSSSA	V	mA	3	4	8	none				none	none

This parameter reports the quadrant 0 VSSSA current

CALIBRATION CURVE ENG (mA) = RAW*0.29851

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1262	E C1_IVSSSA	V	mA	3	4	8	none				none	none

This parameter reports the quadrant 1 VSSSA current

CALIBRATION CURVE ENG (mA) = RAW*0.29851

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1263	E C2_IVSSSA	V	mA	3	4	8	none				none	none

This parameter reports the quadrant 2 VSSSA current

CALIBRATION CURVE ENG (mA) = RAW*0.298214

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1264	E C3_IVSSSA	V	mA	3	4	8	none				none	none

This parameter reports the quadrant 3 VSSSA current

CALIBRATION CURVE ENG (mA) = RAW*0.29851

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1265	H OH_CTRL	V	n/a	3	12	16	F0132				none	none

This parameter reports the current Operating Heater thermal control algorithm setting set by TOHCTRL TC.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1266	H OH_STAT	V	n/a	3	12	16	F0133				none	none

This parameter reports the current Operating Heater algorithm status

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1267	H OH_TEMP	V	n/a	3	12	16	F0131				none	none

This parameter reports the current Operating Heater thermal control temperature setting set by TOHTEMP TC

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1268	H DH_CTRL	V	n/a	3	12	16	F0135				none	none

This parameter reports the current Decontamination Heater thermal control algorithm setting set by TDHCTRL TC.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1269	H DH_STAT	V	n/a	3	12	16	F0136				none	none

This parameter reports the current Decontamination Heater thermal control algorithm status

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1270	H DH_TEMP	V	n/a	3	12	16	F0134				none	none

This parameter reports the current Decontamination Heater thermal control temperature setting set by TDHTEMP TC.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1271	V VC_IFW	V	mA	3	4	8	none				none	none

This parameter reports the primary power current measurement of the filter wheel dedicated line in the EPVC.

CALIBRATION CURVE ENG (mA) = RAW*4.082

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1272	V VC_IT	V	mA	3	4	8	none				none	none

This parameter reports the primary power current measurement of the Decontamination Heater dedicated line in the EPVC.

CALIBRATION CURVE ENG (mA) = RAW*6.818

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1273	C CE_ERR1	V	n/a	2	8	8	F0078				none	none

Parameter from CE_ERR1 to CE_ERR15 contain the history of the errors detected in the EPCE; they are reset by TC CERESERR (F0078). When an error occurs, its code is stored in the CE_LASTERR field. The previous one is shifted in the CE_ERR1 field and so on. Therefore the field CE_ERR 15 will contain the code of the oldest error occured.

RAW VALUE **MEANING**

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1274	C CE_ERR2	V	n/a	2	8	8	F0078				none	none

Parameter from CE_ERR1 to CE_ERR15 contain the history of the errors detected in the EPCE; they are reset by TC CERESERR (F0078). When an error occurs, its code is stored in the CE_LASTERR field. The previous one is shifted in the CE_ERR1 field and so on. Therefore the field CE_ERR 15 will contain the code of the oldest error occured.

RAW VALUE **MEANING**

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1275	C CE_ERR3	V	n/a	2	8	8	F0078				none	none

Parameter from CE_ERR1 to CE_ERR15 contain the history of the errors detected in the EPCE; they are reset by TC CERESERR (F0078). When an error occurs, its code is stored in the CE_LASTERR field. The previous one is shifted in the CE_ERR1 field and so on. Therefore the field CE_ERR 15 will contain the code of the oldest error occured.

RAW VALUE **MEANING**

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1276	C CE_ERR4	V	n/a	2	8	8	F0078				none	none

Parameter from CE_ERR1 to CE_ERR15 contain the history of the errors detected in the EPCE; they are reset by TC CERESERR (F0078). When an error occurs, its code is stored in the CE_LASTERR field. The previous one is shifted in the CE_ERR1 field and so on. Therefore the field CE_ERR 15 will contain the code of the oldest error occured.

RAW VALUE **MEANING**

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1277	C CE_ERR5	V	n/a	2	8	8	F0078				none	none

Parameter from CE_ERR1 to CE_ERR15 contain the history of the errors detected in the EPCE; they are reset by TC CERESERR (F0078). When an error occurs, its code is stored in the CE_LASTERR field. The previous one is shifted in the CE_ERR1 field and so on. Therefore the field CE_ERR 15 will contain the code of the oldest error occured.

RAW VALUE **MEANING**

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1278	C CE_ERR6	V	n/a	2	8	8	F0078				none	none

Parameter from CE_ERR1 to CE_ERR15 contain the history of the errors detected in the EPCE; they are reset by TC CERESERR (F0078). When an error occurs, its code is stored in the CE_LASTERR field. The previous one is shifted in the CE_ERR1 field and so on. Therefore the field CE_ERR 15 will contain the code of the oldest error occured.

RAW VALUE **MEANING**

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1279	C CE_ERR7	V	n/a	2	8	8	F0078				none	none

Parameter from CE_ERR1 to CE_ERR15 contain the history of the errors detected in the EPCE; they are reset by TC CERESERR (F0078). When an error occurs, its code is stored in the CE_LASTERR field. The previous one is shifted in the CE_ERR1 field and so on. Therefore the field CE_ERR 15 will contain the code of the oldest error occured.

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1280	C CE_ERR8	V	n/a	2	8	8	F0078				none	none

Parameter from CE_ERR1 to CE_ERR15 contain the history of the errors detected in the EPCE; they are reset by TC CERESERR (F0078). When an error occurs, its code is stored in the CE_LASTERR field. The previous one is shifted in the CE_ERR1 field and so on. Therefore the field CE_ERR 15 will contain the code of the oldest error occured.

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1281	C CE_ERR9	V	n/a	2	8	8	F0078				none	none

Parameter from CE_ERR1 to CE_ERR15 contain the history of the errors detected in the EPCE; they are reset by TC CERESERR (F0078). When an error occurs, its code is stored in the CE_LASTERR field. The previous one is shifted in the CE_ERR1 field and so on. Therefore the field CE_ERR 15 will contain the code of the oldest error occured.

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1282	C CE_ERR10	V	n/a	2	8	8	F0078				none	none

Parameter from CE_ERR1 to CE_ERR15 contain the history of the errors detected in the EPCE; they are reset by TC CERESERR (F0078). When an error occurs, its code is stored in the CE_LASTERR field. The previous one is shifted in the CE_ERR1 field and so on. Therefore the field CE_ERR 15 will contain the code of the oldest error occured.

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1283	C CE_ERR11	V	n/a	2	8	8	F0078				none	none

Parameter from CE_ERR1 to CE_ERR15 contain the history of the errors detected in the EPCE; they are reset by TC CERESERR (F0078). When an error occurs, its code is stored in the CE_LASTERR field. The previous one is shifted in the CE_ERR1 field and so on. Therefore the field CE_ERR 15 will contain the code of the oldest error occured.

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1284	C CE_ERR12	V	n/a	2	8	8	F0078				none	none

Parameter from CE_ERR1 to CE_ERR15 contain the history of the errors detected in the EPCE; they are reset by TC CERESERR (F0078). When an error occurs, its code is stored in the CE_LASTERR field. The previous one is shifted in the CE_ERR1 field and so on. Therefore the field CE_ERR 15 will contain the code of the oldest error occured.

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1285	C CE_ERR13	V	n/a	2	8	8	F0078				none	none

Parameter from CE_ERR1 to CE_ERR15 contain the history of the errors detected in the EPCE; they are reset by TC CERESERR (F0078). When an error occurs, its code is stored in the CE_LASTERR field. The previous one is shifted in the CE_ERR1 field and so on. Therefore the field CE_ERR 15 will contain the code of the oldest error occured.

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1286	C CE_ERR14	V	n/a	2	8	8	F0078				none	none

Parameter from CE_ERR1 to CE_ERR15 contain the history of the errors detected in the EPCE; they are reset by TC CERESERR (F0078). When an error occurs, its code is stored in the CE_LASTERR field. The previous one is shifted in the CE_ERR1 field and so on. Therefore the field CE_ERR 15 will contain the code of the oldest error occured.

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1287	C CE_ERR15	V	n/a	2	8	8	F0078				none	none

Parameter from CE_ERR1 to CE_ERR15 contain the history of the errors detected in the EPCE; they are reset by TC CERESERR (F0078). When an error occurs, its code is stored in the CE_LASTERR field. The previous one is shifted in the CE_ERR1 field and so on. Therefore the field CE_ERR 15 will contain the code of the oldest error occured.

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1288	C MasterSeqClock	V	n/a	2	1	1	F0093		0	1	none	none

This parameter reports the status of the Master Sequencer clock (enabled/disabled)

RAW VALUE	MEANING
0	Disabled
1	Enabled

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1289	C Select ReadQua	V	n/a	2	1	1	F0093		0	1	none	none

This parameter reports the selected readout of quadrants (parallel/sequential)

RAW VALUE	MEANING
0	Parallel
1	Sequential

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1290	CMS QuaSelected3	V	n/a	2	1	1	F0093		0	1	none	none

This parameter reports the selection status of quadrant 3

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1291	CMS QuaSelected2	V	n/a	2	1	1	F0093		0	1	none	none

This parameter reports the selection status of quadrant 2

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1292	CMS QuaSelected1	V	n/a	2	1	1	F0093		0	1	none	none

This parameter reports the selection status of quadrant 1

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1293	CMS QuaSelected0	V	n/a	2	1	1	F0093		0	1	none	none

This parameter reports the selection status of quadrant 0

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1294	CMS TimIntReaQua	V	n/a	3	0	4	F0093				none	none

This parameter reports the time interval between readout of quadrants

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1295	A0 CPU MedianCor	V	n/a	2	1	1	F0122		0	1	none	none

This parameter reports the status of the EPEA quadrant 0 CPU median correction (on/off)

RAW VALUE	MEANING
0	ON
1	OFF

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1296	A0 CPU PMODE	V	n/a	2	1	1	F0105		0	1	none	none

This parameter reports the status of the EPEA quadrant 0 CPU PMODE (idle/send)

RAW VALUE	MEANING
0	Idle
1	Send

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1297	A0 EPEA mode	V	n/a	2	1	1	F0105		0	1	none	none

This parameter reports the status of the EPEA quadrant 0 mode (nominal/debug)

RAW VALUE	MEANING
0	Nominal
1	Debug

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1298	A0 Memory Modify	V	n/a	2	1	1	F0183		0	1	none	none

This parameter reports the status of the EPEA quadrant 0 memory modify (one time / continuously)

RAW VALUE	MEANING
0	One time
1	Continuously

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1299	A0 Memo Mod Auto	V	n/a	2	1	1	F0183		0	1	none	none

This parameter reports the status of the EPEA quadrant 0 memory modify autoincrement (off / on)

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1300	A0	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 0 EABPUT/EAWPUT verify (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1301	A0	V	n/a	2	1	1	F0183		0	1	none	none

This parameter reports the status of the EPEA quadrant 0 EABPUT/EAWPUT verify (enabled/disabled)

RAW VALUE	MEANING
0	Enabled
1	Disabled

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1302	A0 EARAMCHK Stat	V	n/a	2	1	1	F0175		0	1	none	none

This parameter reports the status of the EPEA quadrant 0 EARAMCHK (not active / active)

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1303	A0 MemUplinkStat	V	n/a	2	1	1	F0094		0	1	none	none

This parameter reports the status of the EPEA quadrant 0 Memory Uplink (not active / active)

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1304	A0 IntVecMemTest	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 0 interrupt vector memory selftest (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1305	A0 MemBank2Test	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 0 memory bank 2 selftest (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1306	A0 MemBank1Test	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 0 memory bank 1 selftest (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1307	A0 MemBank0Test	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 0 memory bank 0 selftest (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1308	A0_CMOTAB	V	n/a	2	8	8	none	0	0	255	none	none

This parameter reports the calculation status of the Offset/Noise map relevant to the quadrant 0 CCDs

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1309	A0_ERRCNT	V	n/a	3	4	8	F0103		0	255	none	none

This parameter reports the EPEA quadrant 0 error counter. The last error code is in A0_LASTERR. TC ERESERR will reset this counter.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1310	A0_LASTERR	V	n/a	2	8	8	F0103				none	none

This parameter reports the EPEA quadrant 0 last error. TC ERESERR will reset this counter.

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1311	A0_CMDCNT	V	n/a	3	4	8	none		0	255	none	none

This parameter reports the EPEA quadrant 0 accepted command counter (without HK request). Last accepted TC is reported in A0_LASTCMD

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1312	A0_CMDCNTR	V	n/a	3	4	8	none		0	255	none	none

This parameter reports the EPEA quadrant 0 accepted command counter (with HK request only)

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1313	A0_CMDREJ	V	n/a	3	4	8	F0103		0	255	none	none

This parameter reports the EPEA quadrant 0 rejected command counter (without HK request). It is reset by TC ERESERR (F0103)

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1314	A0_LASTCMD	V	n/a	2	8	8	none				none	none

This parameter reports the EPEA quadrant 0 last received command

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1315	A0_BYTEREC	V	n/a	3	12	16	none		0	65535	none	none

This parameter reports the last byte received from EPCE by EPEA quadrant 0

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1316	A0_ADDRS	V	n/a	3	12	16	F0099	65535	0	65535	none	none

This parameter reports the segment address where a byte or a word can be read/written (by Debug set commands) in the EPEA quadrant 0

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1317	A0_ADDRO	V	n/a	3	12	16	F0099	0	0	65535	none	none

This parameter reports the offset address where a byte or a word can be read/written (by Debug set commands) in the EPEA quadrant 0

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1318	A0_DATA	V	n/a	3	12	16	F0099		0	65535	none	none

This parameter reports the data read/written (by Debug set commands) in the EPEA quadrant 0 memory

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1319	A0 CCD 0 SwiStat	V	n/a	2	1	1	F0113		0	1	none	none

This parameter reports the switching status of CCD 0 in the EPEA quadrant 0

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1320	A0_SECCNT	V	n/a	3	12	16	none		0	65535	none	none

This parameter reports the EPEA quadrant 0 second counter

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1321	A0 IllgCPUInterr	V	n/a	2	1	1	F0103	0	0	1	none	none

This parameter indicates if an illegal CPU interrupt has been received: it is reset by TC EARESERR.

RAW VALUE	MEANING
0	Not Received
1	Received

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1322	A0 RAM Check Err	V	n/a	2	1	1	F0175	0	0	1	none	none

This parameter indicates if a RAM check error has occured in the EPEA quadrant 0

RAW VALUE	MEANING
0	Not Occured
1	Occured

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1323	A0_PMODE	V	n/a	2	8	8	F0105		0	2	none	none

This parameter reports the PMODE of the EPEA quadrant 0

RAW VALUE	MEANING
0	Idle
1	Send
2	Debug

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1324	A0_MUPLS	V	n/a	3	12	16	F0094		0	65535	none	none

This parameter reports the EPEA quadrant 0 memory uplink segment

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1325	A0_MUPLO	V	n/a	3	12	16	F0094		0	65535	none	none

This parameter reports the EPEA quadrant 0 memory uplink offset

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1326	A0_MUPLL	V	n/a	3	4	8	F0094		0	232	none	none

This parameter reports the EPEA quadrant 0 memory uplink length

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1327	A0_ATHRC	V	n/a	3	12	16	none		0	65535	none	none

Number of scientific events above low threshold acquired by EPEA quadrant 0 in the period between the last 2 Count Infos.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1328	A0_FIFRC	V	n/a	3	12	16	none		0	65535	none	none

Number of scientific events read from FIFO of EPEA quadrant 0 in the period between the last 2 Count Infos.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1329	A0_EPDHC	V	n/a	3	12	16	none		0	65535	none	none

Number of scientific events sent from EPEA quadrant 0 to EPDH in the period between the last 2 Count Infos.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1330	A0_DSLINC	V	n/a	3	12	16	none		0	65535	none	none

Number of CCD readout lines or frames (depending on MIPs rejection mode) discarded by EPEA quadrant 0 between the last 2 Count Info.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1331	A0_MCM	V	n/a	3	12	16	none		0	4095	none	none

This parameter reports the EPEA quadrant 0 mean common mode calculated in the period between the last 2 Count Infos.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1332	A0_IOADDR	V	n/a	3	12	16	F0099	65535	0	65535	none	none

This parameter reports the EPEA quadrant 0 I/O address for data modification

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1333	A0_IODATA	V	n/a	3	12	16	F0099		0	65535	none	none

This parameter reports the EPEA quadrant 0 data content of the I/O address

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1334	A0 MEMCHK active	V	n/a	2	1	1	F0068		0	1	none	none

Activation status of the EPEA quadrant 0 memory checksum

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1335	A0H Rec Data Cks	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 0 receive data checksum error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1336	A0H Transmit ST	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 0 transmit error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1337	A0H AckTimeOutSt	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 0 acknowledge timeout error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1338	A0H ACK Status	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 0 acknowledge error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1339	A0H NegACKErCod	V	n/a	2	8	8	none				none	none

This parameter reports the EPEA quadrant 0 acknowledge error code

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1340	A1 CPU MedianCor	V	n/a	2	1	1	F0122		0	1	none	none

This parameter reports the status of the EPEA quadrant 1 CPU median correction (on/off)

RAW VALUE	MEANING
0	ON
1	OFF

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1341	A1 CPU PMODE	V	n/a	2	1	1	F0105		0	1	none	none

This parameter reports the status of the EPEA quadrant 1 CPU PMODE (idle/send)

RAW VALUE	MEANING
0	Idle
1	Send

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1342	A1 EPEA mode	V	n/a	2	1	1	F0105		0	1	none	none

This parameter reports the status of the EPEA quadrant 1 mode (nominal/debug)

RAW VALUE	MEANING
0	Nominal
1	Debug

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1343	A1 Memory Modify	V	n/a	2	1	1	F0183		0	1	none	none

This parameter reports the status of the EPEA quadrant 1 memory modify (one time / continuously)

RAW VALUE	MEANING
0	One time
1	Continuously

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1344	A1 Memo Mod Auto	V	n/a	2	1	1	F0183		0	1	none	none

This parameter reports the status of the EPEA quadrant 1 memory modify autoincrement (off / on)

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1345	A1	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 1 EABPUT/EAWPUT verify (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1346	A1	V	n/a	2	1	1	F0183		0	1	none	none

This parameter reports the status of the EPEA quadrant 1 EABPUT/EAWPUT verify (enabled/disabled)

RAW VALUE	MEANING
0	Enabled
1	Disabled

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1347	A1 EARAMCHK Stat	V	n/a	2	1	1	F0175		0	1	none	none

This parameter reports the status of the EPEA quadrant 1 EARAMCHK (not active / active)

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1348	A1 MemUplinkStat	V	n/a	2	1	1	F0094		0	1	none	none

This parameter reports the status of the EPEA quadrant 1 Memory Uplink (not active / active)

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1349	A1 IntVecMemTest	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 1 interrupt vector memory selftest (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1350	A1 MemBank2Test	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 1 memory bank 2 selftest (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1351	A1 MemBank1Test	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 1 memory bank 1 selftest (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1352	A1 MemBank0Test	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 1 memory bank 0 selftest (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1353	A1_CMOTAB	V	n/a	2	8	8	none		0	255	none	none

This parameter reports the calculation status of the Offset/Noise map relevant to the quadrant 1 CCDs

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1354	A1_ERRCNT	V	n/a	3	4	8	F0103		0	255	none	none

This parameter reports the EPEA quadrant 1 error counter. The last error code is in A1_LASTERR. TC ARESERR will reset this counter.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1355	A1_LASTERR	V	n/a	2	8	8	F0103				none	none

This parameter reports the EPEA quadrant 1 last error. TC ARESERR will reset this parameter.

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1356	A1_CMDCNT	V	n/a	3	4	8	none		0	255	none	none

This parameter reports the EPEA quadrant 1 accepted command counter (without HK request). Last accepted TC is reported in A1_LASTCMD

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1357	A1_CMDCNTR	V	n/a	3	4	8	none		0	255	none	none

This parameter reports the EPEA quadrant 1 accepted command counter (with HK request only)

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1358	A1_CMDREJ	V	n/a	3	4	8	F0103		0	255	none	none

This parameter reports the EPEA quadrant 1 rejected command counter (without HK request). It is reset by TC ARESERR (F0103)

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1359	A1_LASTCMD	V	n/a	2	8	8	none				none	none

This parameter reports the EPEA quadrant 1 last received command

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1360	A1_BYTEREC	V	n/a	3	12	16	none		0	65535	none	none

This parameter reports the last byte received from EPCE by EPEA quadrant 1

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1361	A1_ADDRS	V	n/a	3	12	16	F0099	65535	0	65535	none	none

This parameter reports the segment address where a byte or a word can be read/written (by Debug set commands) in the EPEA quadrant 1

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1362	A1_ADDRO	V	n/a	3	12	16	F0099	0	0	65535	none	none

This parameter reports the offset address where a byte or a word can be read/written (by Debug set commands) in the EPEA quadrant 1

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1363	A1_DATA	V	n/a	3	12	16	F0099		0	65535	none	none

This parameter reports the data read/written (by Debug set commands) in the EPEA quadrant 1 memory

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1364	A1 CCD 0 SwiStat	V	n/a	2	1	1	F0113		0	1	none	none

This parameter reports the switching status of CCD 0 in the EPEA quadrant 1

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1365	A1_SECCNT	V	n/a	3	12	16	none		0	65535	none	none

This parameter reports the EPEA quadrant 1 second counter

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1366	A1 IllgCPUInterr	V	n/a	2	1	1	F0103	0	0	1	none	none

This parameter indicates if an illegal CPU interrupt has been received: it is reset by TC EARESERR.

RAW VALUE	MEANING
0	Not Received
1	Received

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1367	A1 RAM Check Err	V	n/a	2	1	1	F0175	0	0	1	none	none

This parameter indicates if a RAM check error has occured in the EPEA quadrant 1

RAW VALUE	MEANING
0	Not Occured
1	Occured

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1368	A1_PMODE	V	n/a	2	8	8	F0105		0	2	none	none

This parameter reports the PMODE of the EPEA quadrant 1

RAW VALUE	MEANING
0	Idle
1	Send
2	Debug

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1369	A1_MUPLS	V	n/a	3	12	16	F0094		0	65535	none	none

This parameter reports the EPEA quadrant 1 memory uplink segment

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1370	A1_MUPLO	V	n/a	3	12	16	F0094		0	65535	none	none

This parameter reports the EPEA quadrant 1 memory uplink offset

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1371	A1_MUPLL	V	n/a	3	4	8	F0094		0	232	none	none

This parameter reports the EPEA quadrant 1 memory uplink length

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1372	A1_ATHRC	V	n/a	3	12	16	none		0	65535	none	none

Number of scientific events above low threshold acquired by EPEA quadrant 1 in the period between the last 2 Count Infos.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1373	A1_FIFRC	V	n/a	3	12	16	none		0	65535	none	none

Number of scientific events read from FIFO of EPEA quadrant 1 in the period between the last 2 Count Infos.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1374	A1_EPDHC	V	n/a	3	12	16	none		0	65535	none	none

Number of scientific events sent from EPEA quadrant 1 to EPDH in the period between the last 2 Count Infos.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1375	A1_DSLINC	V	n/a	3	12	16	none		0	65535	none	none

Number of CCD readout lines or frames (depending on MIPs rejection mode) discarded by EPEA quadrant 1 between the last 2 Count Info.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1376	A1_MCM	V	n/a	3	12	16	none		0	4095	none	none

This parameter reports the EPEA quadrant 1 mean common mode calculated in the period between the last 2 Count Infos.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1377	A1_IOADDR	V	n/a	3	12	16	F0099	65535	0	65535	none	none

This parameter reports the EPEA quadrant 1 I/O address for data modification

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1378	A1_IODATA	V	n/a	3	12	16	F0099		0	65535	none	none

This parameter reports the EPEA quadrant 1 data content of the I/O address

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1379	A1 MEMCHK active	V	n/a	2	1	1	F0170		0	1	none	none

Activation status of the EPEA quadrant 0 memory checksum

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1380	A1H Rec Data Cks	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 1 receive data checksum error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1381	A1H Transmit ST	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 1 transmit error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1382	A1H AckTimeOutSt	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 1 acknowledge timeout error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1383	A1H ACK Status	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 1 acknowledge error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1384	A1H NegACKErCod	V	n/a	2	8	8	none				none	none

This parameter reports the EPEA quadrant 1 acknowledge error code

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1385	A2 CPU MedianCor	V	n/a	2	1	1	F0122		0	1	none	none

This parameter reports the status of the EPEA quadrant 2 CPU median correction (on/off)

RAW VALUE	MEANING
0	ON
1	OFF

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1386	A2 CPU PMODE	V	n/a	2	1	1	F0105		0	1	none	none

This parameter reports the status of the EPEA quadrant 2 CPU PMODE (idle/send)

RAW VALUE	MEANING
0	Idle
1	Send

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1387	A2 EPEA mode	V	n/a	2	1	1	F0105		0	1	none	none

This parameter reports the status of the EPEA quadrant 2 mode (nominal/debug)

RAW VALUE	MEANING
0	Nominal
1	Debug

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1388	A2 Memory Modify	V	n/a	2	1	1	F0183		0	1	none	none

This parameter reports the status of the EPEA quadrant 2 memory modify (one time / continuously)

RAW VALUE	MEANING
0	One time
1	Continuously

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1389	A2 Memo Mod Auto	V	n/a	2	1	1	F0183		0	1	none	none

This parameter reports the status of the EPEA quadrant 2 memory modify autoincrement (off / on)

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1390	A2	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 2 EABPUT/EAWPUT verify (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1391	A2	V	n/a	2	1	1	F0183		0	1	none	none

This parameter reports the status of the EPEA quadrant 2 EABPUT/EAWPUT verify (enabled/disabled)

RAW VALUE	MEANING
0	Enabled
1	Disabled

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1392	A2 EARAMCHK Stat	V	n/a	2	1	1	F0175		0	1	none	none

This parameter reports the status of the EPEA quadrant 2 EARAMCHK (not active / active)

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1393	A2 MemUplinkStat	V	n/a	2	1	1	F0094		0	1	none	none

This parameter reports the status of the EPEA quadrant 2 Memory Uplink (not active / active)

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1394	A2 IntVecMemTest	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 2 interrupt vector memory selftest (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1395	A2 MemBank2Test	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 2 memory bank 2 selftest (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1396	A2 MemBank1Test	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 2 memory bank 1 selftest

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1397	A2 MemBank0Test	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 2 memory bank 0 selftest

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1398	A2_CMOTAB	V	n/a	2	8	8	none		0	255	none	none

This parameter reports the calculation status of the Offset/Noise map relevant to the quadrant 2 CCDs

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1399	A2_ERRCNT	V	n/a	3	4	8	F0103		0	255	none	none

This parameter reports the EPEA quadrant 2 error counter. The last error code is in A2_LASTERR. TC ERESERR will reset this counter.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1400	A2_LASTERR	V	n/a	2	8	8	F0103				none	none

This parameter reports the EPEA quadrant 2 last error. TC ERESERR will reset this parameter.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1401	A2_CMDCNT	V	n/a	3	4	8	none		0	255	none	none

This parameter reports the EPEA quadrant 2 accepted command counter (without HK request). Last accepted TC is reported in A2_LASTCMD

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1402	A2_CMDCNTR	V	n/a	3	4	8	none		0	255	none	none

This parameter reports the EPEA quadrant 2 accepted command counter (with HK request only)

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1403	A2_CMDREJ	V	n/a	3	4	8	F0103		0	255	none	none

This parameter reports the EPEA quadrant 2 rejected command counter (without HK request). It is reset by TC EARESERR (F0103)

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1404	A2_LASTCMD	V	n/a	2	8	8	none				none	none

This parameter reports the EPEA quadrant 2 last received command

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1405	A2_BYTEREC	V	n/a	3	12	16	none		0	65535	none	none

This parameter reports the last byte received from EPCE by EPEA quadrant 2

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1406	A2_ADDRS	V	n/a	3	12	16	F0099	65535	0	65535	none	none

This parameter reports the segment address where a byte or a word can be read/written (by Debug set commands) in the EPEA quadrant 2

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1407	A2_ADDRO	V	n/a	3	12	16	F0099	0	0	65535	none	none

This parameter reports the offset address where a byte or a word can be read/written (by Debug set commands) in the EPEA quadrant 2

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1408	A2_DATA	V	n/a	3	12	16	F0099		0	65535	none	none

This parameter reports the data read/written (by Debug set commands) in the EPEA quadrant 2 memory

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1409	A2 CCD 0 SwiStat	V	n/a	2	1	1	F0113		0	1	none	none

This parameter reports the switching status of CCD 0 in the EPEA quadrant 2

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1410	A2_SECCNT	V	n/a	3	12	16	none		0	65535	none	none

This parameter reports the EPEA quadrant 2 second counter

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1411	A2 IllgCPUInterr	V	n/a	2	1	1	F0103	0	0	1	none	none

This parameter indicates if an illegal CPU interrupt has been received: it is reset by TC EARESERR.

RAW VALUE	MEANING
0	Not Received
1	Received

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1412	A2 RAM Check Err	V	n/a	2	1	1	F0175	0	0	1	none	none

This parameter indicates if a RAM check error has occured in the EPEA quadrant 2

RAW VALUE	MEANING
0	Not Occured
1	Occured

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1413	A2_PMODE	V	n/a	2	8	8	F0105		0	2	none	none

This parameter reports the PMODE of the EPEA quadrant 2

RAW VALUE	MEANING
0	Idle
1	Send
2	Debug

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1414	A2_MUPLS	V	n/a	3	12	16	F0094		0	65536	none	none

This parameter reports the EPEA quadrant 2 memory uplink segment

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1415	A2_MUPLO	V	n/a	3	12	16	F0094		0	65535	none	none

This parameter reports the EPEA quadrant 2 memory uplink offset

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1416	A2_MUPLL	V	n/a	3	4	8	F0094		0	232	none	none

This parameter reports the EPEA quadrant 2 memory uplink length

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1417	A2_ATHRC	V	n/a	3	12	16	none		0	65535	none	none

Number of scientific events above low threshold acquired by EPEA quadrant 2 in the period between the last 2 Count Infos.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1418	A2_FIFRC	V	n/a	3	12	16	none		0	65535	none	none

Number of scientific events read from FIFO of EPEA quadrant 2 in the period between the last 2 Count Infos.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1419	A2_EPDHC	V	n/a	3	12	16	none		0	65535	none	none

Number of scientific events sent from EPEA quadrant 2 to EPDH in the period between the last 2 Count Infos.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1420	A2_DSLINC	V	n/a	3	12	16	none		0	65535	none	none

Number of CCD readout lines or frames (depending on MIPs rejection mode) discarded by EPEA quadrant 2 between the last 2 Count Info.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1421	A2_MCM	V	n/a	3	12	16	none		0	4095	none	none

This parameter reports the EPEA quadrant 2 mean common mode calculated in the period between the last 2 Count Infos.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1422	A2_IOADDR	V	n/a	3	12	16	F0099	65535	0	65535	none	none

This parameter reports the EPEA quadrant 2 I/O address for data modification

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1423	A2_IODATA	V	n/a	3	12	16	F0099		0	65535	none	none

This parameter reports the EPEA quadrant 2 data content of the I/O address

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1424	A2 MEMCHK active	V	n/a	2	1	1	F0172		0	1	none	none

Activation status of the EPEA quadrant 0 memory checksum

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1425	A2H Rec Data Cks	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 2 receive data checksum error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1426	A2H Transmit ST	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 2 transmit error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1427	A2H AckTimeOutSt	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 2 acknowledge timeout error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1428	A2H ACK Status	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 2 acknowledge error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1429	A2H NegACKErCod	V	n/a	2	8	8	none				none	none

This parameter reports the EPEA quadrant 2 acknowledge error code

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1430	A3 CPU MedianCor	V	n/a	2	1	1	F0122		0	1	none	none

This parameter reports the status of the EPEA quadrant 3 CPU median correction (on/off)

RAW VALUE	MEANING
0	ON
1	OFF

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1431	A3 CPU PMODE	V	n/a	2	1	1	F0105		0	1	none	none

This parameter reports the status of the EPEA quadrant 3 CPU PMODE (idle/send)

RAW VALUE	MEANING
0	Idle
1	Send

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1432	A3 EPEA mode	V	n/a	2	1	1	F0105		0	1	none	none

This parameter reports the status of the EPEA quadrant 3 mode (nominal/debug)

RAW VALUE	MEANING
0	Nominal
1	Debug

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1433	A3 Memory Modify	V	n/a	2	1	1	F0183		0	1	none	none

This parameter reports the status of the EPEA quadrant 3 memory modify (one time / continuously)

RAW VALUE	MEANING
0	One time
1	Continuously

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1434	A3 Memo Mod Auto	V	n/a	2	1	1	F0183		0	1	none	none

This parameter reports the status of the EPEA quadrant 3 memory modify autoincrement (off / on)

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1435	A3	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 3 EABPUT/EAWPUT verify (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1436	A3	V	n/a	2	1	1	F0183		0	1	none	none

This parameter reports the status of the EPEA quadrant 3 EABPUT/EAWPUT verify (enabled/disabled)

RAW VALUE	MEANING
0	Enabled
1	Disabled

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1437	A3 EARAMCHK Sta	V	n/a	2	1	1	F0175		0	1	none	none

This parameter reports the status of the EPEA quadrant 3 EARAMCHK (not active / active)

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1438	A3 MemUplink St	V	n/a	2	1	1	F0094		0	1	none	none

This parameter reports the status of the EPEA quadrant 3 Memory Uplink (not active / active)

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1439	A3 IntVecMemTest	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 3 interrupt vector memory selftest (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1440	A3 MemBank2Test	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 3 memory bank 2 selftest (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1441	A3 MemBank1Test	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 3 memory bank 1 selftest (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1442	A3 MemBank0Test	V	n/a	2	1	1	none		0	1	none	none

This parameter reports the result of the EPEA quadrant 3 memory bank 0 selftest (passed / failed)

RAW VALUE	MEANING
0	Passed
1	Failed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1443	A3_CMOTAB	V	n/a	2	8	8	none		0	255	none	none

This parameter reports the calculation status of the Offset/Noise map relevant to the quadrant 3 CCDs

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1444	A3_ERRCNT	V	n/a	3	4	8	F0103		0	255	none	none

This parameter reports the EPEA quadrant 3 error counter. The last error code is in A3_LASTERR. TC EARESERR will reset this counter.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1445	A3_LASTERR	V	n/a	2	8	8	F0103				none	none

This parameter reports the EPEA quadrant 3 last error. TC EARESERR will reset this parameter.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1446	A3_CMDCNT	V	n/a	3	4	8	none		0	255	none	none

This parameter reports the EPEA quadrant 3 accepted command counter (without HK request). Last accepted TC is reported in A3_LASTCMD

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1447	A3_CMDCNTR	V	n/a	3	4	8	none		0	255	none	none

This parameter reports the EPEA quadrant 3 accepted command counter (with HK request only)

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1448	A3_CMDREJ	V	n/a	3	4	8	F0103		0	255	none	none

This parameter reports the EPEA quadrant 3 rejected command counter (without HK request). It is reset by TC EARESERR (F0103)

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1449	A3_LASTCMD	V	n/a	2	8	8	none				none	none

This parameter reports the EPEA quadrant 3 last received command

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1450	A3_BYTEREC	V	n/a	3	12	16	none		0	65535	none	none

This parameter reports the last byte received from EPCE by EPEA quadrant 3

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1451	A3_ADDRS	V	n/a	3	12	16	F0099	65535	0	65535	none	none

This parameter reports the segment address where a byte or a word can be read/written (by Debug set commands) in the EPEA quadrant 3

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1452	A3_ADDRO	V	n/a	3	12	16	F0099	0	0	65535	none	none

This parameter reports the offset address where a byte or a word can be read/written (by Debug set commands) in the EPEA quadrant 3

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1453	A3_DATA	V	n/a	3	12	16	F0099		0	65535	none	none

This parameter reports the data read/written (by Debug set commands) in the EPEA quadrant 3 memory

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1454	A3 CCD 0 SwiStat	V	n/a	2	1	1	F0113		0	1	none	none

This parameter reports the switching status of CCD 0 in the EPEA quadrant 3

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1455	A3_SECCNT	V	n/a	3	12	16	none		0	65535	none	none

This parameter reports the EPEA quadrant 3 second counter

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1456	A3 IllgCPUInterr	V	n/a	2	1	1	F0103	0	0	1	none	none

This parameter indicates if an illegal CPU interrupt has been received: it is reset by TC EARESERR.

RAW VALUE	MEANING
0	Not Received
1	Received

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1457	A3 RAM Check Err	V	n/a	2	1	1	F0175	0	0	1	none	none

This parameter indicates if a RAM check error has occured in the EPEA quadrant 3

RAW VALUE	MEANING
0	Not Occured
1	Occured

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1458	A3_PMODE	V	n/a	2	8	8	F0105		0	2	none	none

This parameter reports the PMODE of the EPEA quadrant 3

RAW VALUE	MEANING
0	Idle
1	Send

2 Debug

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1459	A3_MUPLS	V	n/a	3	12	16	F0094		0	65535	none	none

This parameter reports the EPEA quadrant 3 memory uplink segment

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1460	A3_MUPLO	V	n/a	3	12	16	F0094		0	65535	none	none

This parameter reports the EPEA quadrant 3 memory uplink offset

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1461	A3_MUPLL	V	n/a	3	4	8	F0094		0	232	none	none

This parameter reports the EPEA quadrant 3 memory uplink length

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1462	A3_ATHRC	V	n/a	3	12	16	none		0	65535	none	none

Number of scientific events above low threshold acquired by EPEA quadrant 3 in the period between the last 2 Count Infos.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1463	A3_FIFRC	V	n/a	3	12	16	none		0	65535	none	none

Number of scientific events read from FIFO of EPEA quadrant 3 in the period between the last 2 Count Infos.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1464	A3_EPDHC	V	n/a	3	12	16	none		0	65535	none	none

Number of scientific events sent from EPEA quadrant 3 to EPDH in the period between the last 2 Count Infos.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1465	A3_DSLINC	V	n/a	3	12	16	none		0	65535	none	none

Number of CCD readout lines or frames (depending on MIPs rejection mode) discarded by EPEA quadrant 3 between the last 2 Count Info.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1466	A3_MCM	V	n/a	3	12	16	none		0	4095	none	none

This parameter reports the EPEA quadrant 3 mean common mode calculated in the period between the last 2 Count Infos.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1467	A3_IOADDR	V	n/a	3	12	16	F0099	65535	0	65535	none	none

This parameter reports the EPEA quadrant 3 I/O address for data modification

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1468	A3_IODATA	V	n/a	3	12	16	F0099		0	65535	none	none

This parameter reports the EPEA quadrant 3 data content of the I/O address

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1469	A3 MEMCHK active	V	n/a	2	1	1	F0174		0	1	none	none

Activation status of the EPEA quadrant 0 memory checksum

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1470	A3H Rec Data Cks	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 3 receive data checksum error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1471	A3H Transmit ST	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 3 transmit error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1472	A3H AckTimeOutSt	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 3 acknowledge timeout error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1473	A3H ACK Status	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 3 acknowledge error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1474	A3H NegACKErCod	V	n/a	2	8	8	none				none	none

This parameter reports the EPEA quadrant 3 acknowledge error code

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1475	C TimSignMissing	V	n/a	2	1	1	F0078	0	0	1	none	none

Flag for the EPCE Time Signal Missing. TC CERESERR (F0078) will reset this field.

RAW VALUE	MEANING
0	No Missing
1	Missing

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1476	CEMEMCHK active	V	n/a	2	1	1	F0065		0	1	none	none

Activation status of the EPCE memory checksum

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1477	C RecHKDataShow	V	n/a	2	1	1	F0083		0	1	none	none

This parameter reports if the Hex HK Data received at EPCE input from EPEA are shown

RAW VALUE	MEANING
0	Not Selected
1	Selected

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1478	C TransComShowin	V	n/a	2	1	1	F0083		0	1	none	none

This parameter sets if the High Level Form Commands transmitted from EPCE to EPEA are shown

RAW VALUE	MEANING
0	Not Selected
1	Selected

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1479	C TraTabDataShow	V	n/a	2	1	1	F0083		0	1	none	none

This parameter reports if the Hex Table Data transmitted from EPCE are shown

RAW VALUE	MEANING
0	Not Selected
1	Selected

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1480	C TranHKDataShow	V	n/a	2	1	1	F0083		0	1	none	none

This parameter reports if the Hex HK Data transmitted from EPCE are shown

RAW VALUE	MEANING
0	Not Selected
1	Selected

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1481	C ReceivCommShow	V	n/a	2	1	1	F0083		0	1	none	none

This parameter reports if High Level Form Command received at EPCE input are shown with Acknowledge

RAW VALUE	MEANING
0	Not Selected
1	Selected

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1482	C HexComDataShow	V	n/a	2	1	1	F0083		0	1	none	none

This parameter reports if Hexadecimal Command Data received at EPCE input are shown with Acknowledge

RAW VALUE	MEANING
0	Not Selected
1	Selected

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1483	A0 CCD 1 SwiStat	V	n/a	2	1	1	F0113		0	1	none	none

This parameter reports the switching status of CCD 1 in the EPEA quadrant 0

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1484	A0 CCD 2 SwiStat	V	n/a	2	1	1	F0113		0	1	none	none

This parameter reports the switching status of CCD 2 in the EPEA quadrant 0

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1485	A1 CCD 1 SwiStat	V	n/a	2	1	1	F0113		0	1	none	none

This parameter reports the switching status of CCD 1 in the EPEA quadrant 1

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1486	A1 CCD 2 SwiStat	V	n/a	2	1	1	F0113		0	1	none	none

This parameter reports the switching status of CCD 2 in the EPEA quadrant 1

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1487	A2 CCD 1 SwiStat	V	n/a	2	1	1	F0113		0	1	none	none

This parameter reports the switching status of CCD 1 in the EPEA quadrant 2

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1488	A2 CCD 2 SwiStat	V	n/a	2	1	1	F0113		0	1	none	none

This parameter reports the switching status of CCD 2 in the EPEA quadrant 2

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1489	A3 CCD 1 SwiStat	V	n/a	2	1	1	F0113		0	1	none	none

This parameter reports the switching status of CCD 1 in the EPEA quadrant 3

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1490	A3 CCD 2 SwiStat	V	n/a	2	1	1	F0113		0	1	none	none

This parameter reports the switching status of CCD 2 in the EPEA quadrant 3

RAW VALUE	MEANING
0	Off
1	On

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1501	A0_CMOFFSS	V	n/a	3	4	8	F0005		0	199	none	none

Startline for EPEA quadrant 0 table calculation

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1502	A0_CMOFFSE	V	n/a	3	4	8	F0005		0	199	none	none

Endline for EPEA quadrant 0 table calculation.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1503	A0_CMADDO1 CCD	V	n/a	3	4	8	F0180		0	2	none	none

This parameter reports the EPEA quadrant 0 CCD in which a constant value is added to one column.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1504	A0_CMADDO1 COL	V	n/a	3	4	8	F0180		0	63	none	none

This parameter reports the column to which a constant value is added in the EPEA quadrant 0

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1505	A0_CMADDO2	V	n/a	3	12	16	F0180				none	none

This parameter reports the value to be added to the selected pixel column in the EPEA quadrant 0

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1506	A0_WBOOTS	V	n/a	3	4	8	none				none	none

This parameter reports the EPEA quadrant 0 warm boot counter

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1507	A0_WDOGCNT	V	n/a	3	4	8	none				none	none

This parameter reports the EPEA quadrant 0 watchdog counter

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1508	A0_MEMCHKSS	V	n/a	3	12	16	F0068				none	none

This parameter reports the segment start address of the EPEA quadrant 0 memory area for the CRC calculation

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1509	A0_MEMCHKSO	V	n/a	3	12	16	F0068				none	none

This parameter reports the offset start address of the EPEA quadrant 0 memory area for the CRC calculation

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1510	A0_MEMCHKL	V	n/a	3	12	16	F0068				none	none

This parameter reports the length of the EPEA quadrant 0 memory area for the CRC calculation

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1511	A0_MEMCHK	V	n/a	3	12	16	F0068				none	none

This parameter reports the CRC calculated on the EPEA quadrant 0 specific memory area

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1512	A0_RAMCHKSS	V	n/a	3	12	16	F0175				none	none

This parameter reports the segment start address of the EPEA quadrant 0 memory area considered for the RAM check verification

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1513	A0_RAMCHKSO	V	n/a	3	12	16	F0175				none	none

This parameter reports the offset start address of the EPEA quadrant 0 memory area considered for the RAM check verification

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1514	A0_RAMCHKL	V	n/a	3	12	16	F0175				none	none

This parameter reports the length of the EPEA quadrant 0 memory area considered for the RAM check verification

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1515	A0_CMLOTH0	V	n/a	3	12	16	F0109				none	none

This parameter reports the CCD 0 lower threshold of the EPEA quadrant 0

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1516	A0_CMLOTH1	V	n/a	3	12	16	F0109				none	none

This parameter reports the CCD 1 lower threshold of the EPEA quadrant 0

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1517	A0_CMLOTH2	V	n/a	3	12	16	F0109				none	none

This parameter reports the CCD 2 lower threshold of the EPEA quadrant 0

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1518	A0_MIPREJ0	V	n/a	3	4	8	none				none	none

This parameter reports the number of rejected events of CCD 0 of EPEA quadrant 0 due to MIP correction

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1519	A0_MIPREJ1	V	n/a	3	4	8	none				none	none

This parameter reports the number of rejected events of CCD 1 of EPEA quadrant 0 due to MIP correction

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1520	A0_MIPREJ2	V	n/a	3	4	8	none				none	none

This parameter reports the number of rejected events of CCD 2 of EPEA quadrant 0 due to MIP correction

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1521	A0_LCHIP	V	n/a	3	4	8	F0118		0	2	none	none

This parameter reports the EPEA quadrant 0 lower left CCD

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1522	A0_LLINE	V	n/a	3	4	8	F0118		0	199	none	none

This parameter reports the EPEA quadrant 0 lower left line

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1523	A0_UCHIP	V	n/a	3	4	8	F0118		0	2	none	none

This parameter reports the EPEA quadrant 0 upper right CCD

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1524	A0_ULINE	V	n/a	3	4	8	F0118		0	199	none	none

This parameter reports the EPEA quadrant 0 upper right line

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1525	A0_CMCORR	V	n/a	3	12	16	F0108				none	none

This parameter reports the corrective value to avoid negative energies in EPEA quadrant 0

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1526	A0_CMDEVL	V	n/a	3	12	16	F0110				none	none

This parameter reports the lower threshold used in EPEA quadrant 0 to separate dead pixels

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1527	A0_CMDEVH	V	n/a	3	12	16	F0110				none	none

This parameter reports the upper threshold used in EPEA quadrant 0 to separate flickering pixels

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1528	A0_CMLINEPixSet	V	n/a	2	4	4	F0120		0	1	none	none

This parameter reports the pixel status set by the last EACMLINE command in EPEA quadrant 0

RAW VALUE	MEANING
0	Good
1	Bad

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1529	A0_CMLINE CCD	V	n/a	3	0	4	F0120		0	2	none	none

This parameter reports the selected CCD in the EPEA quadrant 0 with the last EACMLINE command

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1530	A0_CMLINE Numb	V	n/a	3	4	8	F0120		0	199	none	none

This parameter reports the line selected by the last EACMLINE command in the EPEA quadrant 0

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1531	A0_CMCOL PixSet	V	n/a	2	4	4	F0121		0	1	none	none

This parameter reports the pixel status set by the last EACMCOL command in EPEA quadrant 0

RAW VALUE	MEANING
0	Good
1	Bad

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1532	A0_CMCOL CCD	V	n/a	3	0	4	F0121		0	2	none	none

This parameter reports the selected CCD in the EPEA quadrant 0 with the last EACMCOL command

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1533	A0_CMCOL Numb	V	n/a	3	4	8	F0121		0	63	none	none

This parameter reports the column selected by the last EACMCOL command in the EPEA quadrant 0

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1534	A0_CHOP	V	n/a	3	4	8	F0111		0	31	none	none

This parameter reports the EPEA quadrant 0 chopper set with the EACHOP command

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1535	A0_SENDMODE	V	n/a	2	8	8	F0116		16	18	none	none

This parameter reports the EPEA quadrant 0 active sendmode

RAW VALUE	MEANING
16	MIP correc.1
17	MIP correc.2
18	No MIP corr.

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1536	A0_EAMIPSEL	V	n/a	3	4	8	F0117		0	100	none	none

Number of lines which should be rejected if they are above or below a saturated pixel (MIP) in EPEA quadrant 0 (EAMIPSEL command)

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1537	A0_COUNT	V	n/a	3	12	16	F0074				none	none

This parameter reports the number of times a no-operation loop has to be executed before the next data are sent to the HBR

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1538	A0_MAXFRC	V	n/a	3	4	8	F0176				none	none

This parameter reports the maximum frame counter in EPEA quadrant 0

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1539	A0_RDMODE	V	n/a	2	8	8	F0114	32	32	36	none	none

This parameter reports the active readout mode in EPEA quadrant 0

RAW VALUE	MEANING
32	Full Frame
33	Small Window
34	Large Window
35	Timing
36	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1540	A0_SSEG	V	n/a	3	12	16	none				none	none

This parameter reports the EPEA quadrant 0 stack segment address

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1541	A0_DSEG	V	n/a	3	12	16	none				none	none

This parameter reports the EPEA quadrant 0 data segment address

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1542	A0L RecData Cks	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 0 receive data checksum error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1543	A0L Transmit ST	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 0 transmit error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1544	A0L ACKTimeO ST	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 0 acknowledge timeout error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1545	A0L ACK Status	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 0 acknowledge error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1546	A0L NegACKErCod	V	n/a	2	8	8	none				none	none

This parameter reports the EPEA quadrant 0 acknowledge error code

RAW VALUE **MEANING**

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1547	E C0_UAMOS_H	V	V	3	4	8	F0158				none	none

This parameter reports the AMOS high voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*(-0.14315)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1548	E C0_UAMOS_L	V	V	3	4	8	F0158				none	none

This parameter reports the AMOS low voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*(-0.14315)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1549	E C0_UPHI_H	V	V	3	4	8	F0158				none	none

This parameter reports the PHI high voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*(-0.14342)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1550	E C0_UPHI_L	V	V	3	4	8	F0158				none	none

This parameter reports the PHI low voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*(-0.14262)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1551	E C0_UFLSH_H	V	V	3	4	8	F0158				none	none

This parameter reports the UFLSH high voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*0.06827

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1552	E C0_UFLSH_L	V	V	3	4	8	F0158				none	none

This parameter reports the UFLSH low voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*(-0.10271)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1553	E C0_RFGA_H	V	V	3	4	8	F0158				none	none

This parameter reports the RFGA high voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*(-0.06684)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1554	E C0_RFGA_L	V	V	3	4	8	F0158				none	none

This parameter reports the RFGA low voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*(-0.0667)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1555	E C0_U+BIAS	V	V	3	4	8	none				none	none

This parameter reports the +BIAS voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*(0.06683)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1556	E C0_U-BIAS	V	V	3	4	8	none				none	none

This parameter reports the -BIAS voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*(-0.12831)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1557	E C0_UCMXVDD	V	V	3	4	8	none				none	none

This parameter reports the camex VDD voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*0.03229

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1558	E C0_UCMXVSS	V	V	3	4	8	none				none	none

This parameter reports the camex VSS voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*(-0.03221)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1559	E C0_U+15	V	V	3	4	8	none				none	none

This parameter reports the + 15 V voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*0.10667

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1560	E C0_U-15	V	V	3	4	8	none				none	none

This parameter reports the - 15 V voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*(-0.10667)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1561	E C0_U-35	V	V	3	4	8	none				none	none

This parameter reports the - 35 V voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*(-0.23567)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1562	E C0_UVDD	V	V	3	4	8	none				none	none

This parameter reports the VDD voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*0.03548

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1563	E C0_UVDDA	V	V	3	4	8	none				none	none

This parameter reports the VDDA voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*0.04281

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1564	E C0_UVSSA	V	V	3	4	8	none				none	none

This parameter reports the VSSA voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*(-0.04281)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1565	E C0_UDGND	V	V	3	4	8	none				none	none

This parameter reports the digital ground voltage in EPCH quadrant 0

CALIBRATION CURVE ENG (V) = RAW*0.01954-2.5

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1566	E C0_IVDDA	V	mA	3	4	8	none				none	none

This parameter reports the VDD analogue current in EPCH quadrant 0

CALIBRATION CURVE ENG (mA) = RAW*0.29851

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1567	E C0_I+15	V	mA	3	4	8	none				none	none

This parameter reports the + 15 V current in EPCH quadrant 0

CALIBRATION CURVE ENG (mA) = RAW*0.24242-4.3

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1568	E C0_I-15	V	mA	3	4	8	none				none	none

This parameter reports the - 15 V current in EPCH quadrant 0

CALIBRATION CURVE ENG (mA) = RAW*0.23256-4.651

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1569	E C0_IVDD_D	V	mA	3	4	8	none				none	none

This parameter reports the VDD digital current in EPCH quadrant 0

CALIBRATION CURVE ENG (mA) = RAW*0.03067

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1570	E C0_IIS	V	n/a	3	4	8	none				none	none

This parameter reports the IS current in EPCH quadrant 0

CALIBRATION CURVE ENG (microA) = RAW*0.34843-44.5993

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1571	E C0_IGRA0	V	n/a	3	4	8	none				none	none

This parameter reports the GRA0 current in EPCH quadrant 0

CALIBRATION CURVE ENG (microA) = RAW*1.16279-151.163

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1572	E C0_IGRA1	V	n/a	3	4	8	none				none	none

This parameter reports the GRA1 current in EPCH quadrant 0

CALIBRATION CURVE ENG (microA) = RAW*1.15607-150.289

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1573	E C0_IGRA2	V	n/a	3	4	8	none				none	none

This parameter reports the GRA2 current in EPCH quadrant 0

CALIBRATION CURVE ENG (microA) = RAW*1.15942-150.145

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1574	E C0_TEMPEA1	V	degC	3	4	8	none				none	none

This parameter reports the CPU card temperature in EPCH quadrant 0

CALIBRATION CURVE ENG (°C) = RAW*1.63934-273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1575	E C0_TEMPEA2	V	degC	3	4	8	none				none	none

This parameter reports the box temperature in EPCH quadrant 0

CALIBRATION CURVE ENG (°C) = RAW*1.63934-273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1576	E C0_TEMPQB1	V	degC	3	4	8	none				none	none

This parameter reports the quadrant box temperature 1 in EPCH quadrant 0

CALIBRATION CURVE ENG (°C) = RAW*1.62162-273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1577	E C0_TEMPQB2	V	degC	3	4	8	none				none	none

This parameter reports the quadrant box temperature 2 in EPCH quadrant 0

CALIBRATION CURVE ENG (°C) = RAW*1.63043-273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1578	E C0_I-35	V	mA	3	4	8	none				none	none

This parameter reports the - 35 V current in EPCH quadrant 0

CALIBRATION CURVE ENG (mA) = RAW*0.23809-11.547

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1579	A0 MIP Threshold	V	n/a	3	12	16	F0195				none	none

MIP threshold of the EPEA quadrant 0

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1601	A1_CMOFFSS	V	n/a	3	4	8	F0005		0	199	none	none

Startline for EPEA quadrant 1 table calculation

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1602	A1_CMOFFSE	V	n/a	3	4	8	F0005		0	199	none	none

Endline for EPEA quadrant 1 table calculation.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1603	A1_CMADDO1 CCD	V	n/a	3	4	8	F0180		0	2	none	none

This parameter reports the EPEA quadrant 1 CCD in which a constant value is added to one column.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1604	A1_CMADDO1 COL	V	n/a	3	4	8	F0180		0	63	none	none

This parameter reports the column to which a constant value is added in the EPEA quadrant 1

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1605	A1_CMADDO2	V	n/a	3	12	16	F0180				none	none

This parameter reports the value to be added to the selected pixel column in the EPEA quadrant 1

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1606	A1_WBOOTS	V	n/a	3	4	8	none				none	none

This parameter reports the EPEA quadrant 1 warm boot counter

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1607	A1_WDOGCNT	V	n/a	3	4	8	none				none	none

This parameter reports the EPEA quadrant 1 watchdog counter

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1608	A1_MEMCHKSS	V	n/a	3	12	16	F0170				none	none

This parameter reports the segment start address of the EPEA quadrant 1 memory area for the CRC calculation

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1609	A1_MEMCHKSO	V	n/a	3	12	16	F0170				none	none

This parameter reports the offset start address of the EPEA quadrant 1 memory area for the CRC calculation

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1610	A1_MEMCHKL	V	n/a	3	12	16	F0170				none	none

This parameter reports the length of the EPEA quadrant 1 memory area for the CRC calculation

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1611	A1_MEMCHK	V	n/a	3	12	16	F0170				none	none

This parameter reports the CRC calculated on the EPEA quadrant 1 specific memory area

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1612	A1_RAMCHKSS	V	n/a	3	12	16	F0175				none	none

This parameter reports the segment start address of the EPEA quadrant 1 memory area considered for the RAM check verification

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1613	A1_RAMCHKSO	V	n/a	3	12	16	F0175				none	none

This parameter reports the offset start address of the EPEA quadrant 1 memory area considered for the RAM check verification

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1614	A1_RAMCHKL	V	n/a	3	12	16	F0175				none	none

This parameter reports the length of the EPEA quadrant 1 memory area considered for the RAM check verification

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1615	A1_CMLOTH0	V	n/a	3	12	16	F0109				none	none

This parameter reports the CCD 0 lower threshold of the EPEA quadrant 1

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1616	A1_CMLOTH1	V	n/a	3	12	16	F0109				none	none

This parameter reports the CCD 1 lower threshold of the EPEA quadrant 1

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1617	A1_CMLOTH2	V	n/a	3	12	16	F0109				none	none

This parameter reports the CCD 2 lower threshold of the EPEA quadrant 1

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1618	A1_MIPREJ0	V	n/a	3	4	8	none				none	none

This parameter reports the number of rejected events of CCD 0 of EPEA quadrant 1 due to MIP correction

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1619	A1_MIPREJ1	V	n/a	3	4	8	none				none	none

This parameter reports the number of rejected events of CCD 1 of EPEA quadrant 1 due to MIP correction

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1620	A1_MIPREJ2	V	n/a	3	4	8	none				none	none

This parameter reports the number of rejected events of CCD 2 of EPEA quadrant 1 due to MIP correction

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1621	A1_LCHIP	V	n/a	3	4	8	F0118		0	2	none	none

This parameter reports the EPEA quadrant 1 lower left CCD

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1622	A1_LLINE	V	n/a	3	4	8	F0118		0	199	none	none

This parameter reports the EPEA quadrant 1 lower left line

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1623	A1_UCHIP	V	n/a	3	4	8	F0118		0	2	none	none

This parameter reports the EPEA quadrant 1 upper right CCD

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1624	A1_ULINE	V	n/a	3	4	8	F0118		0	199	none	none

This parameter reports the EPEA quadrant 1 upper right line

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1625	A1_CMCORR	V	n/a	3	12	16	F0108				none	none

This parameter reports the corrective value to avoid negative energies in EPEA quadrant 1

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1626	A1_CMDEVL	V	n/a	3	12	16	F0110				none	none

This parameter reports the lower threshold used in EPEA quadrant 1 to separate dead pixels

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1627	A1_CMDEVH	V	n/a	3	12	16	F0110				none	none

This parameter reports the upper threshold used in EPEA quadrant 1 to separate flickering pixels

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1628	A1_CMLINEPixSet	V	n/a	2	4	4	F0120		0	1	none	none

This parameter reports the pixel status set by the last EACMLINE command in EPEA quadrant 1

RAW VALUE	MEANING
0	Good
1	Bad

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1629	A1_CMLINE CCD	V	n/a	3	0	4	F0120		0	2	none	none

This parameter reports the selected CCD in the EPEA quadrant 1 with the last EACMLINE command

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1630	A1_CMLINE Numb	V	n/a	3	4	8	F0120		0	199	none	none

This parameter reports the line selected by the last EACMLINE command in the EPEA quadrant 1

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1631	A1_CMCOL PixSet	V	n/a	2	4	4	F0121		0	1	none	none

This parameter reports the pixel status set by the last EACMCOL command in EPEA quadrant 1

RAW VALUE	MEANING
0	Good
1	Bad

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1632	A1_CMCOL CCD	V	n/a	3	0	4	F0121		0	2	none	none

This parameter reports the selected CCD in the EPEA quadrant 1 with the last EACMCOL command

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1633	A1_CMCOL Numb	V	n/a	3	4	8	F0121		0	63	none	none

This parameter reports the column selected by the last EACMCOL command in the EPEA quadrant 1

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1634	A1_CHOP	V	n/a	3	4	8	F0111		0	31	none	none

This parameter reports the EPEA quadrant 1 chopper set with the EACHOP command

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1635	A1_SENDMODE	V	n/a	2	8	8	F0116		16	18	none	none

This parameter reports the EPEA quadrant 1 active sendmode

RAW VALUE	MEANING
16	MIP correc.1
17	MIP correc.2
18	No MIP corr.

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1636	A1_EAMIPSEL	V	n/a	3	4	8	F0117		0	100	none	none

Number of lines which should be rejected if they are above or below a saturated pixel (MIP) in EPEA quadrant 1 (EAMIPSEL command)

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1637	A1_COUNT	V	n/a	3	12	16	F0074				none	none

This parameter reports the number of times a no-operation loop has to be executed before the next data are sent to the HBR

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1638	A1_MAXFRC	V	n/a	3	4	8	F0176				none	none

This parameter reports the maximum frame counter in EPEA quadrant 1

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1639	A1_RDMODE	V	n/a	2	8	8	F0114	32	32	36	none	none

This parameter reports the active readout mode in EPEA quadrant 1

RAW VALUE	MEANING
32	Full Frame
33	Small Window
34	Large Window
35	Timing
36	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1640	A1_SSEG	V	n/a	3	12	16	none				none	none

This parameter reports the EPEA quadrant 1 stack segment address

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1641	A1_DSEG	V	n/a	3	12	16	none				none	none

This parameter reports the EPEA quadrant 1 data segment address

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1642	A1L RecData Cks	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 1 receive data checksum error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1643	A1L Transmit ST	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 1 transmit error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1644	A1L ACKTimeO ST	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 1 acknowledge timeout error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1645	A1L ACK Status	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 1 acknowledge error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1646	A1L NegACKErCod	V	n/a	2	8	8	none				none	none

This parameter reports the EPEA quadrant 1 acknowledge error code

RAW VALUE **MEANING**

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1647	E C1_UAMOS_H	V	V	3	4	8	F0158				none	none

This parameter reports the AMOS high voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*(-0.14315)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1648	E C1_UAMOS_L	V	V	3	4	8	F0158				none	none

This parameter reports the AMOS low voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*(-0.14315)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1649	E C1_UPHI_H	V	V	3	4	8	F0158				none	none

This parameter reports the PHI high voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*(-0.14342)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1650	E C1_UPHI_L	V	V	3	4	8	F0158				none	none

This parameter reports the PHI low voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*(-0.14262)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1651	E C1_UFLSH_H	V	V	3	4	8	F0158				none	none

This parameter reports the UFLSH high voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*0.06827

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1652	E C1_UFLSH_L	V	V	3	4	8	F0158				none	none

This parameter reports the UFLSH low voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*(-0.10271)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1653	E C1_RFGA_H	V	V	3	4	8	F0158				none	none

This parameter reports the RFGA high voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*(-0.06684)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1654	E C1_RFGA_L	V	V	3	4	8	F0158				none	none

This parameter reports the RFGA low voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*(-0.0667)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1655	E C1_U+BIAS	V	V	3	4	8	none				none	none

This parameter reports the +BIAS voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*(0.06683)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1656	E C1_U-BIAS	V	V	3	4	8	none				none	none

This parameter reports the -BIAS voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*(-0.12831)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1657	E C1_UCMXVDD	V	V	3	4	8	none				none	none

This parameter reports the camex VDD voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*0.03229

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1658	E C1_UCMXVSS	V	V	3	4	8	none				none	none

This parameter reports the camex VSS voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*(-0.03221)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1659	E C1_U+15	V	V	3	4	8	none				none	none

This parameter reports the + 15 V voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*0.10667

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1660	E C1_U-15	V	V	3	4	8	none				none	none

This parameter reports the - 15 V voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*(-0.10667)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1661	E C1_U-35	V	V	3	4	8	none				none	none

This parameter reports the - 35 V voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*(-0.23567)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1662	E C1_UVDD	V	V	3	4	8	none				none	none

This parameter reports the VDD voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*0.03548

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1663	E C1_UVDDA	V	V	3	4	8	none				none	none

This parameter reports the VDDA voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*0.04281

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1664	E C1_UVSSA	V	V	3	4	8	none				none	none

This parameter reports the VSSA voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*(-0.04281)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1665	E C1_UDGND	V	V	3	4	8	none				none	none

This parameter reports the digital ground voltage in EPCH quadrant 1

CALIBRATION CURVE ENG (V) = RAW*0.01954-2.5

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1666	E C1_IVDDA	V	mA	3	4	8	none				none	none

This parameter reports the VDD analogue current in EPCH quadrant 1

CALIBRATION CURVE ENG (mA) = RAW*0.29851

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1667	E C1_I+15	V	mA	3	4	8	none				none	none

This parameter reports the + 15 V current in EPCH quadrant 1

CALIBRATION CURVE ENG (mA) = RAW*0.24242-4.3

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1668	E C1_I-15	V	mA	3	4	8	none				none	none

This parameter reports the - 15 V current in EPCH quadrant 1

CALIBRATION CURVE ENG (mA) = RAW*0.23256-4.651

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1669	E C1_IVDD_D	V	mA	3	4	8	none				none	none

This parameter reports the VDD digital current in EPCH quadrant 1

CALIBRATION CURVE ENG (mA) = RAW*0.03067

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1670	E C1_IIS	V	n/a	3	4	8	none				none	none

This parameter reports the IS current in EPCH quadrant 1

CALIBRATION CURVE ENG (microA) = RAW*0.34843-44.5993

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1671	E C1_IGRA0	V	n/a	3	4	8	none				none	none

This parameter reports the GRA0 current in EPCH quadrant 1

CALIBRATION CURVE ENG (microA) = RAW*1.16279-151.163

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1672	E C1_IGRA1	V	n/a	3	4	8	none				none	none

This parameter reports the GRA1 current in EPCH quadrant 1

CALIBRATION CURVE ENG (microA) = RAW*1.15607-150.289

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1673	E C1_IGRA2	V	n/a	3	4	8	none				none	none

This parameter reports the GRA2 current in EPCH quadrant 1

CALIBRATION CURVE ENG (microA) = RAW*1.15942-150.145

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1674	E C1_TEMPEA1	V	degC	3	4	8	none				none	none

This parameter reports the CPU card temperature in EPCH quadrant 1

CALIBRATION CURVE ENG (°C) = RAW*1.63934-273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1675	E C1_TEMPEA2	V	degC	3	4	8	none				none	none

This parameter reports the box temperature in EPCH quadrant 1

CALIBRATION CURVE ENG (°C) = RAW*1.63934-273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1676	E C1_TEMPQB1	V	degC	3	4	8	none				none	none

This parameter reports the quadrant box temperature 1 in EPCH quadrant 1

CALIBRATION CURVE ENG (°C) = RAW*1.62162-273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1677	E C1_TEMPQB2	V	degC	3	4	8	none				none	none

This parameter reports the quadrant box temperature 2 in EPCH quadrant 1

CALIBRATION CURVE ENG (°C) = RAW*1.63043-273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1678	E C1_I-35	V	mA	3	4	8	none				none	none

This parameter reports the - 35 V current in EPCH quadrant 1

CALIBRATION CURVE ENG (mA) = RAW*0.23809-11.547

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1679	A1 MIP Threshold	V	n/a	3	12	16	F0195				none	none

MIP threshold of the EPEA quadrant 1

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1701	A2_CMOFFSS	V	n/a	3	4	8	F0005		0	199	none	none

Startline for EPEA quadrant 2 table calculation

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1702	A2_CMOFFSE	V	n/a	3	4	8	F0005		0	199	none	none

Endline for EPEA quadrant 2 table calculation.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1703	A2_CMADDO1 CCD	V	n/a	3	4	8	F0180		0	2	none	none

This parameter reports the EPEA quadrant 2 CCD in which a constant value is added to one column.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1704	A2_CMADDO1 COL	V	n/a	3	4	8	F0180		0	63	none	none

This parameter reports the column to which a constant value is added in the EPEA quadrant 2

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1705	A2_CMADDO2	V	n/a	3	12	16	F0180				none	none

This parameter reports the value to be added to the selected pixel column in the EPEA quadrant 2

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1706	A2_WBOOTS	V	n/a	3	4	8	none				none	none

This parameter reports the EPEA quadrant 2 warm boot counter

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1707	A2_WDOGCNT	V	n/a	3	4	8	none				none	none

This parameter reports the EPEA quadrant 2 watchdog counter

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1708	A2_MEMCHKSS	V	n/a	3	12	16	F0172				none	none

This parameter reports the segment start address of the EPEA quadrant 2 memory area for the CRC calculation

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1709	A2_MEMCHKSO	V	n/a	3	12	16	F0172				none	none

This parameter reports the offset start address of the EPEA quadrant 2 memory area for the CRC calculation

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1710	A2_MEMCHKL	V	n/a	3	12	16	F0172				none	none

This parameter reports the length of the EPEA quadrant 2 memory area for the CRC calculation

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1711	A2_MEMCHK	V	n/a	3	12	16	F0172				none	none

This parameter reports the CRC calculated on the EPEA quadrant 2 specific memory area

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1712	A2_RAMCHKSS	V	n/a	3	12	16	F0175				none	none

This parameter reports the segment start address of the EPEA quadrant 2 memory area considered for the RAM check verification

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1713	A2_RAMCHKSO	V	n/a	3	12	16	F0175				none	none

This parameter reports the offset start address of the EPEA quadrant 2 memory area considered for the RAM check verification

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1714	A2_RAMCHKL	V	n/a	3	12	16	F0175				none	none

This parameter reports the length of the EPEA quadrant 2 memory area considered for the RAM check verification

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1715	A2_CMLOTH0	V	n/a	3	12	16	F0109				none	none

This parameter reports the CCD 0 lower threshold of the EPEA quadrant 2

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1716	A2_CMLOTH1	V	n/a	3	12	16	F0109				none	none

This parameter reports the CCD 1 lower threshold of the EPEA quadrant 2

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1717	A2_CMLOTH2	V	n/a	3	12	16	F0109				none	none

This parameter reports the CCD 2 lower threshold of the EPEA quadrant 2

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1718	A2_MIPREJ0	V	n/a	3	4	8	none				none	none

This parameter reports the number of rejected events of CCD 0 of EPEA quadrant 2 due to MIP correction

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1719	A2_MIPREJ1	V	n/a	3	4	8	none				none	none

This parameter reports the number of rejected events of CCD 1 of EPEA quadrant 2 due to MIP correction

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1720	A2_MIPREJ2	V	n/a	3	4	8	none				none	none

This parameter reports the number of rejected events of CCD 2 of EPEA quadrant 2 due to MIP correction

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1721	A2_LCHIP	V	n/a	3	4	8	F0118		0	2	none	none

This parameter reports the EPEA quadrant 2 lower left CCD

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1722	A2_LLINE	V	n/a	3	4	8	F0118		0	199	none	none

This parameter reports the EPEA quadrant 2 lower left line

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1723	A2_UCHIP	V	n/a	3	4	8	F0118		0	2	none	none

This parameter reports the EPEA quadrant 2 upper right CCD

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1724	A2_ULINE	V	n/a	3	4	8	F0118		0	199	none	none

This parameter reports the EPEA quadrant 2 upper right line

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1725	A2_CMCORR	V	n/a	3	12	16	F0108				none	none

This parameter reports the corrective value to avoid negative energies in EPEA quadrant 2

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1726	A2_CMDEVL	V	n/a	3	12	16	F0110				none	none

This parameter reports the lower threshold used in EPEA quadrant 2 to separate dead pixels

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1727	A2_CMDEVH	V	n/a	3	12	16	F0110				none	none

This parameter reports the upper threshold used in EPEA quadrant 2 to separate flickering pixels

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1728	A2_CMLINEPixSet	V	n/a	2	4	4	F0120		0	1	none	none

This parameter reports the pixel status set by the last EACMLINE command in EPEA quadrant 2

RAW VALUE	MEANING
0	Good
1	Bad

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1729	A2_CMLINE CCD	V	n/a	3	0	4	F0120		0	2	none	none

This parameter reports the selected CCD in the EPEA quadrant 2 with the last EACMLINE command

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1730	A2_CMLINE Numb	V	n/a	3	4	8	F0120		0	199	none	none

This parameter reports the line selected by the last EACMLINE command in the EPEA quadrant 2

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1731	A2_CMCOL PixSet	V	n/a	2	4	4	F0121		0	1	none	none

This parameter reports the pixel status set by the last EACMCOL command in EPEA quadrant 2

RAW VALUE	MEANING
0	Good
1	Bad

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1732	A2_CMCOL CCD	V	n/a	3	0	4	F0121		0	2	none	none

This parameter reports the selected CCD in the EPEA quadrant 2 with the last EACMCOL command

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1733	A2_CMCOL Numb	V	n/a	3	4	8	F0121		0	63	none	none

This parameter reports the column selected by the last EACMCOL command in the EPEA quadrant 2

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1734	A2_CHOP	V	n/a	3	4	8	F0111		0	31	none	none

This parameter reports the EPEA quadrant 2 chopper set with the EACHOP command

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1735	A2_SENDMODE	V	n/a	2	8	8	F0116		16	18	none	none

This parameter reports the EPEA quadrant 2 active sendmode

RAW VALUE	MEANING
16	MIP correc.1
17	MIP correc.2
18	No MIP corr.

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1736	A2_EAMIPSEL	V	n/a	3	4	8	F0117		0	100	none	none

Number of lines which should be rejected if they are above or below a saturated pixel (MIP) in EPEA quadrant 2 (EAMIPSEL command)

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1737	A2_COUNT	V	n/a	3	12	16	F0074				none	none

This parameter reports the number of times a no-operation loop has to be executed before the next data are sent to the HBR

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1738	A2_MAXFRC	V	n/a	3	4	8	F0176				none	none

This parameter reports the maximum frame counter in EPEA quadrant 2

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1739	A2_RDMODE	V	n/a	2	8	8	F0114	32	32	36	none	none

This parameter reports the active readout mode in EPEA quadrant 2

RAW VALUE	MEANING
32	Full Frame
33	Small Window
34	Large Window
35	Timing
36	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1740	A2_SSEG	V	n/a	3	12	16	none				none	none

This parameter reports the EPEA quadrant 2 stack segment address

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1741	A2_DSEG	V	n/a	3	12	16	none				none	none

This parameter reports the EPEA quadrant 2 data segment address

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1742	A2L RecData Cks	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 2 receive data checksum error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1743	A2L Transmit ST	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 2 transmit error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1744	A2L ACKTimeO ST	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 2 acknowledge timeout error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1745	A2L ACK Status	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 2 acknowledge error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1746	A2L NegACKErCod	V	n/a	2	8	8	none				none	none

This parameter reports the EPEA quadrant 2 acknowledge error code

RAW VALUE **MEANING**

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1747	E C2_UAMOS_H	V	V	3	4	8	F0158				none	none

This parameter reports the AMOS high voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*(-0.14427)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1748	E C2_UAMOS_L	V	V	3	4	8	F0158				none	none

This parameter reports the AMOS low voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*(-0.1433)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1749	E C2_UPHI_H	V	V	3	4	8	F0158				none	none

This parameter reports the PHI high voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*(-0.14286)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1750	E C2_UPHI_L	V	V	3	4	8	F0158				none	none

This parameter reports the PHI low voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*(-0.14206)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1751	E C2_UFLSH_H	V	V	3	4	8	F0158				none	none

This parameter reports the UFLSH high voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*0.06818

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1752	E C2_UFLSH_L	V	V	3	4	8	F0158				none	none

This parameter reports the UFLSH low voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*(-0.10289)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1753	E C2_RFGA_H	V	V	3	4	8	F0158				none	none

This parameter reports the RFGA high voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*(-0.06663)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1754	E C2_RFGA_L	V	V	3	4	8	F0158				none	none

This parameter reports the RFGA low voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*(-0.06628)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1755	E C2_U+BIAS	V	V	3	4	8	none				none	none

This parameter reports the +BIAS voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*0.066817

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1756	E C2_U-BIAS	V	V	3	4	8	none				none	none

This parameter reports the -BIAS voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*(-0.12798)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1757	E C2_UCMXVDD	V	V	3	4	8	none				none	none

This parameter reports the camex VDD voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*0.032285

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1758	E C2_UCMXVSS	V	V	3	4	8	none				none	none

This parameter reports the camex VSS voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*(-0.03226)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1759	E C2_U+15	V	V	3	4	8	none				none	none

This parameter reports the + 15 V voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*0.106762

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1760	E C2_U-15	V	V	3	4	8	none				none	none

This parameter reports the - 15 V voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*(-0.10714)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1761	E C2_U-35	V	V	3	4	8	none				none	none

This parameter reports the - 35 V voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*(-0.23411)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1762	E C2_UVDD	V	V	3	4	8	none				none	none

This parameter reports the VDD voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*0.035587

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1763	E C2_UVDDA	V	V	3	4	8	none				none	none

This parameter reports the VDDA voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*0.042705

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1764	E C2_UVSSA	V	V	3	4	8	none				none	none

This parameter reports the VSSA voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*(-0.04271)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1765	E C2_UDGND	V	V	3	4	8	none				none	none

This parameter reports the digital ground voltage in EPCH quadrant 2

CALIBRATION CURVE ENG (V) = RAW*0.01954-2.5

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1766	E C2_IVDDA	V	mA	3	4	8	none				none	none

This parameter reports the VDD analogue current in EPCH quadrant 2

CALIBRATION CURVE ENG (mA) = RAW*0.297619

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1767	E C2_I+15	V	mA	3	4	8	none				none	none

This parameter reports the + 15 V current in EPCH quadrant 2

CALIBRATION CURVE ENG (mA) = RAW*0.242424-3.333

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1768	E C2_I-15	V	mA	3	4	8	none				none	none

This parameter reports the - 15 V current in EPCH quadrant 2

CALIBRATION CURVE ENG (mA) = RAW*0.235294-5.2941

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1769	E C2_IVDD_D	V	mA	3	4	8	none				none	none

This parameter reports the VDD digital current in EPCH quadrant 2

CALIBRATION CURVE ENG (mA) = RAW*0.030488

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1770	E C2_IIS	V	n/a	3	4	8	none				none	none

This parameter reports the IS current in EPCH quadrant 2

CALIBRATION CURVE ENG (microA) = RAW*0.34662-44.3674

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1771	E C2_IGRA0	V	n/a	3	4	8	none				none	none

This parameter reports the GRA0 current in EPCH quadrant 2

CALIBRATION CURVE ENG (microA) = RAW*1.186944-152.522

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1772	E C2_IGRA1	V	n/a	3	4	8	none				none	none

This parameter reports the GRA1 current in EPCH quadrant 2

CALIBRATION CURVE ENG (microA) = RAW*1.166181-152.186

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1773	E C2_IGRA2	V	n/a	3	4	8	none				none	none

This parameter reports the GRA2 current in EPCH quadrant 2

CALIBRATION CURVE ENG (microA) = RAW*1.194030-174.925

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1774	E C2_TEMPEA1	V	degC	3	4	8	none				none	none

This parameter reports the CPU card temperature in EPCH quadrant 2

CALIBRATION CURVE ENG (°C) = RAW*1.652893-273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1775	E C2_TEMPEA2	V	degC	3	4	8	none				none	none

This parameter reports the box temperature in EPCH quadrant 2

CALIBRATION CURVE ENG (°C) = RAW*1.652893-273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1776	E C2_TEMPQB1	V	degC	3	4	8	none				none	none

This parameter reports the quadrant box temperature 1 in EPCH quadrant 2

CALIBRATION CURVE ENG (°C) = RAW*1.627027-273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1777	E C2_TEMPQB2	V	degC	3	4	8	none				none	none

This parameter reports the quadrant box temperature 2 in EPCH quadrant 2

CALIBRATION CURVE ENG (°C) = RAW*1.643836-273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1778	E C2_I-35	V	mA	3	4	8	none				none	none

This parameter reports the - 35 V current in EPCH quadrant 2

CALIBRATION CURVE ENG (mA) = RAW*0.238095-11.3095

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1779	A2 MIP Threshold	V	n/a	3	12	16	F0195				none	none

MIP threshold of the EPEA quadrant 2

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1801	A3_CMOFFSS	V	n/a	3	4	8	F0005		0	199	none	none

Startline for EPEA quadrant 3 table calculation

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1802	A3_CMOFFSE	V	n/a	3	4	8	F0005		0	199	none	none

Endline for EPEA quadrant 3 table calculation.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1803	A3_CMADDO1 CCD	V	n/a	3	4	8	F0180		0	2	none	none

This parameter reports the EPEA quadrant 3 CCD in which a constant value is added to one column.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1804	A3_CMADDO1 COL	V	n/a	3	4	8	F0180		0	63	none	none

This parameter reports the column to which a constant value is added in the EPEA quadrant 3

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1805	A3_CMADDO2	V	n/a	3	12	16	F0180				none	none

This parameter reports the value to be added to the selected pixel column in the EPEA quadrant 3

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1806	A3_WBOOTS	V	n/a	3	4	8	none				none	none

This parameter reports the EPEA quadrant 3 warm boot counter

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1807	A3_WDOGCNT	V	n/a	3	4	8	none				none	none

This parameter reports the EPEA quadrant 3 watchdog counter

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1808	A3_MEMCHKSS	V	n/a	3	12	16	F0174				none	none

This parameter reports the segment start address of the EPEA quadrant 3 memory area for the CRC calculation

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1809	A3_MEMCHKSO	V	n/a	3	12	16	F0174				none	none

This parameter reports the offset start address of the EPEA quadrant 3 memory area for the CRC calculation

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1810	A3_MEMCHKL	V	n/a	3	12	16	F0174				none	none

This parameter reports the length of the EPEA quadrant 3 memory area for the CRC calculation

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1811	A3_MEMCHK	V	n/a	3	12	16	F0174				none	none

This parameter reports the CRC calculated on the EPEA quadrant 3 specific memory area

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1812	A3_RAMCHKSS	V	n/a	3	12	16	F0175				none	none

This parameter reports the segment start address of the EPEA quadrant 3 memory area considered for the RAM check verification

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1813	A3_RAMCHKSO	V	n/a	3	12	16	F0175				none	none

This parameter reports the offset start address of the EPEA quadrant 3 memory area considered for the RAM check verification

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1814	A3_RAMCHKL	V	n/a	3	12	16	F0175				none	none

This parameter reports the length of the EPEA quadrant 3 memory area considered for the RAM check verification

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1815	A3_CMLOTH0	V	n/a	3	12	16	F0109				none	none

This parameter reports the CCD 0 lower threshold of the EPEA quadrant 3

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1816	A3_CMLOTH1	V	n/a	3	12	16	F0109				none	none

This parameter reports the CCD 1 lower threshold of the EPEA quadrant 3

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1817	A3_CMLOTH2	V	n/a	3	12	16	F0109				none	none

This parameter reports the CCD 2 lower threshold of the EPEA quadrant 3

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1818	A3_MIPREJ0	V	n/a	3	4	8	none				none	none

This parameter reports the number of rejected events of CCD 0 of EPEA quadrant 3 due to MIP correction

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1819	A3_MIPREJ1	V	n/a	3	4	8	none				none	none

This parameter reports the number of rejected events of CCD 1 of EPEA quadrant 3 due to MIP correction

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1820	A3_MIPREJ2	V	n/a	3	4	8	none				none	none

This parameter reports the number of rejected events of CCD 2 of EPEA quadrant 3 due to MIP correction

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1821	A3_LCHIP	V	n/a	3	4	8	F0118		0	2	none	none

This parameter reports the EPEA quadrant 3 lower left CCD

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1822	A3_LLINE	V	n/a	3	4	8	F0118		0	199	none	none

This parameter reports the EPEA quadrant 3 lower left line

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1823	A3_UCHIP	V	n/a	3	4	8	F0118		0	2	none	none

This parameter reports the EPEA quadrant 3 upper right CCD

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1824	A3_ULINE	V	n/a	3	4	8	F0118		0	199	none	none

This parameter reports the EPEA quadrant 3 upper right line

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1825	A3_CMCORR	V	n/a	3	12	16	F0108				none	none

This parameter reports the corrective value to avoid negative energies in EPEA quadrant 3

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1826	A3_CMDEVL	V	n/a	3	12	16	F0110				none	none

This parameter reports the lower threshold used in EPEA quadrant 3 to separate dead pixels

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1827	A3_CMDEVH	V	n/a	3	12	16	F0110				none	none

This parameter reports the upper threshold used in EPEA quadrant 3 to separate flickering pixels

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1828	A3_CMLINEPixSet	V	n/a	2	4	4	F0120		0	1	none	none

This parameter reports the pixel status set by the last EACMLINE command in EPEA quadrant 3

RAW VALUE	MEANING
0	Good
1	Bad

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1829	A3_CMLINE CCD	V	n/a	3	0	4	F0120		0	2	none	none

This parameter reports the selected CCD in the EPEA quadrant 3 with the last EACMLINE command

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1830	A3_CMLINE Numb	V	n/a	3	4	8	F0120		0	199	none	none

This parameter reports the line selected by the last EACMLINE command in the EPEA quadrant 3

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1831	A3_CMCOL PixSet	V	n/a	2	4	4	F0121		0	1	none	none

This parameter reports the pixel status set by the last EACMCOL command in EPEA quadrant 3

RAW VALUE	MEANING
0	Good
1	Bad

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1832	A3_CMCOL CCD	V	n/a	3	0	4	F0121		0	2	none	none

This parameter reports the selected CCD in the EPEA quadrant 3 with the last EACMCOL command

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1833	A3_CMCOL Numb	V	n/a	3	4	8	F0121		0	63	none	none

This parameter reports the column selected by the last EACMCOL command in the EPEA quadrant 3

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1834	A3_CHOP	V	n/a	3	4	8	F0111		0	31	none	none

This parameter reports the EPEA quadrant 3 chopper set with the EACHOP command

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1835	A3_SENDMODE	V	n/a	2	8	8	F0116		16	18	none	none

This parameter reports the EPEA quadrant 3 active sendmode

RAW VALUE	MEANING
16	MIP correc.1
17	MIP correc.2
18	No MIP corr.

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1836	A3_EAMIPSEL	V	n/a	3	4	8	F0117		0	100	none	none

Number of lines which should be rejected if they are above or below a saturated pixel (MIP) in EPEA quadrant 3 (EAMIPSEL command)

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1837	A3_COUNT	V	n/a	3	12	16	F0074				none	none

This parameter reports the number of times a no-operation loop has to be executed before the next data are sent to the HBR

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1838	A3_MAXFRC	V	n/a	3	4	8	F0176				none	none

This parameter reports the maximum frame counter in EPEA quadrant 3

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1839	A3_RDMODE	V	n/a	2	8	8	F0114	32	32	36	none	none

This parameter reports the active readout mode in EPEA quadrant 3

RAW VALUE	MEANING
32	Full Frame
33	Small Window
34	Large Window
35	Timing
36	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1840	A3_SSEG	V	n/a	3	12	16	none				none	none

This parameter reports the EPEA quadrant 3 stack segment address

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1841	A3_DSEG	V	n/a	3	12	16	none				none	none

This parameter reports the EPEA quadrant 3 data segment address

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1842	A3L RecData Cks	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 3 receive data checksum error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1843	A3L Transmit ST	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 3 transmit error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1844	A3L ACKTimeO ST	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 3 acknowledge timeout error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1845	A3L ACK Status	V	n/a	2	1	1	none	0	0	1	none	none

This parameter reports the EPEA quadrant 3 acknowledge error status

RAW VALUE	MEANING
0	No Error
1	Error

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1846	A3L NegACKErCod	V	n/a	2	8	8	none				none	none

This parameter reports the EPEA quadrant 3 acknowledge error code

RAW VALUE **MEANING**

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1847	E C3_UAMOS_H	V	V	3	4	8	F0158				none	none

This parameter reports the AMOS high voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*(-0.14315)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1848	E C3_UAMOS_L	V	V	3	4	8	F0158				none	none

This parameter reports the AMOS low voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*(-0.14315)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1849	E C3_UPHI_H	V	V	3	4	8	F0158				none	none

This parameter reports the PHI high voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*(-0.14342)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1850	E C3_UPHI_L	V	V	3	4	8	F0158				none	none

This parameter reports the PHI low voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*(-0.14262)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1851	E C3_UFLSH_H	V	V	3	4	8	F0158				none	none

This parameter reports the UFLSH high voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*0.06827

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1852	E C3_UFLSH_L	V	V	3	4	8	F0158				none	none

This parameter reports the UFLSH low voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*(-0.10271)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1853	E C3_RFGA_H	V	V	3	4	8	F0158				none	none

This parameter reports the RFGA high voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*(-0.06684)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1854	E C3_RFGA_L	V	V	3	4	8	F0158				none	none

This parameter reports the RFGA low voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*(-0.0667)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1855	E C3_U+BIAS	V	V	3	4	8	none				none	none

This parameter reports the +BIAS voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*(0.06683)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1856	E C3_U-BIAS	V	V	3	4	8	none				none	none

This parameter reports the -BIAS voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*(-0.12831)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1857	E C3_UCMXVDD	V	V	3	4	8	none				none	none

This parameter reports the camex VDD voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*0.03229

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1858	E C3_UCMXVSS	V	V	3	4	8	none				none	none

This parameter reports the camex VSS voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*(-0.03221)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1859	E C3_U+15	V	V	3	4	8	none				none	none

This parameter reports the + 15 V voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*0.10667

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1860	E C3_U-15	V	V	3	4	8	none				none	none

This parameter reports the - 15 V voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*(-0.10667)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1861	E C3_U-35	V	V	3	4	8	none				none	none

This parameter reports the - 35 V voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*(-0.23567)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1862	E C3_UVDD	V	V	3	4	8	none				none	none

This parameter reports the VDD voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*0.03548

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1863	E C3_UVDDA	V	V	3	4	8	none				none	none

This parameter reports the VDDA voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*0.04281

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1864	E C3_UVSSA	V	V	3	4	8	none				none	none

This parameter reports the VSSA voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*(-0.04281)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1865	E C3_UDGND	V	V	3	4	8	none				none	none

This parameter reports the digital ground voltage in EPCH quadrant 3

CALIBRATION CURVE ENG (V) = RAW*0.01954-2.5

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1866	E C3_IVDDA	V	mA	3	4	8	none				none	none

This parameter reports the VDD analogue current in EPCH quadrant 3

CALIBRATION CURVE ENG (mA) = RAW*0.29851

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1867	E C3_I+15	V	mA	3	4	8	none				none	none

This parameter reports the + 15 V current in EPCH quadrant 3

CALIBRATION CURVE ENG (mA) = RAW*0.24242-4.3

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1868	E C3_I-15	V	mA	3	4	8	none				none	none

This parameter reports the - 15 V current in EPCH quadrant 3

CALIBRATION CURVE ENG (mA) = RAW*0.23256-4.651

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1869	E C3_IVDD_D	V	mA	3	4	8	none				none	none

This parameter reports the VDD digital current in EPCH quadrant 3

CALIBRATION CURVE ENG (mA) = RAW*0.03067

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1870	E C3_IIS	V	n/a	3	4	8	none				none	none

This parameter reports the IS current in EPCH quadrant 3

CALIBRATION CURVE ENG (microA) = RAW*0.34843-44.5993

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1871	E C3_IGRA0	V	n/a	3	4	8	none				none	none

This parameter reports the GRA0 current in EPCH quadrant 3

CALIBRATION CURVE ENG (microA) = RAW*1.16279-151.163

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1872	E C3_IGRA1	V	n/a	3	4	8	none				none	none

This parameter reports the GRA1 current in EPCH quadrant 3

CALIBRATION CURVE ENG (microA) = RAW*1.15607-150.289

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1873	E C3_IGRA2	V	n/a	3	4	8	none				none	none

This parameter reports the GRA2 current in EPCH quadrant 3

CALIBRATION CURVE ENG (microA) = RAW*1.15942-150.145

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1874	E C3_TEMPEA1	V	degC	3	4	8	none				none	none

This parameter reports the CPU card temperature in EPCH quadrant 3

CALIBRATION CURVE ENG (°C) = RAW*1.63934-273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1875	E C3_TEMPEA2	V	degC	3	4	8	none				none	none

This parameter reports the box temperature in EPCH quadrant 3

CALIBRATION CURVE ENG (°C) = RAW*1.63934-273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1876	E C3_TEMPQB1	V	degC	3	4	8	none				none	none

This parameter reports the quadrant box temperature 1 in EPCH quadrant 3

CALIBRATION CURVE ENG (°C) = RAW*1.62162-273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1877	E C3_TEMPQB2	V	degC	3	4	8	none				none	none

This parameter reports the quadrant box temperature 2 in EPCH quadrant 3

CALIBRATION CURVE ENG (°C) = RAW*1.63043-273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1878	E C3_I-35	V	mA	3	4	8	none				none	none

This parameter reports the - 35 V current in EPCH quadrant 3

CALIBRATION CURVE ENG (mA) = RAW*0.23809-11.547

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1879	A3 MIP Threshold	V	n/a	3	12	16	F0195				none	none

MIP threshold of the EPEA quadrant 3

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1902	Spare 1 bit	V	n/a	2	1	1	none		0	1	none	none

This parameter is used just as spare bit in the TM data fields: its value is meaningless.

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1903	Spare 2 bits	V	n/a	2	2	2	none		0	3	none	none

This parameter is used just as spare in the TM data fields: its value is meaningless.

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1904	Spare 4 bytes	V	n/a	3	14	32	none		0	4294967295	none	none

This parameter is used just as spare in the TM data fields: its value is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1905	Spare 2 bytes	V	n/a	3	12	16	none		0	65535	none	none

This parameter is used just as spare in the TM data fields: its value is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1906	Spare 1 byte	V	n/a	3	4	8	none		0	255	none	none

This parameter is used just as spare byte in the TM data fields: its value is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1907	Spare 4 bits	V	n/a	3	0	4	none		0	15	none	none

This parameter is used just as spare in the TM data fields: its value is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1908	Spare 3 bits	V	n/a	2	3	3	none		0	7	none	none

This parameter is used just as spare in the TM data fields: its value is meaningless.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1909	Spare 6 bits	V	n/a	3	2	6	none		0	63	none	none

This parameter is used just as spare in the TM data fields: its value is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F1910	Spare 5 bits	V	n/a	3	1	5	none		0	31	none	none

This parameter is used just as spare in the TM data fields: its value is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2001	TC SequenceCount	V	n/a	3	12	16	none				none	none

Identifier of a correctly executed TC

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2002	TaskProcessIdent	V	n/a	3	12	16	none				none	none

Process Identifier of EPDH Task

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2003	LBRProtocolError	V	n/a	2	8	8	none		1	250	none	none

This parameter indicates the type of LBR protocol error.

RAW VALUE	MEANING
1	BeginIDnotFF
2	WrongLength
3	UARTRecError
4	WrongParaNu
5	WrongParamet
6	DiffEPEAAckn
8	FailedLCVeri
17	WrongFramCH
34	Unknown LC
51	Timeout
68	LC rejected
113	EA 0 failed
114	EA 1 failed
115	EA0,1 failed
116	EA 2 failed
117	EA2,0 failed
118	EA2,1 failed
119	EA2,1,0faile
120	EA 3 failed
121	EA3,0 failed
122	EA3,1 failed
123	EA3,1,0faile
124	EA3,2 failed
125	EA3,2,0faile
126	EA3,2,1faile
127	EA3,2,1,0fai
250	EMDHresponse

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2004	HBR Identifier	V	n/a	3	12	16	none		1	4	none	none

Identifier number of the HBR Channel with full FIFO

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2005	HBR1 BufferStart	V	n/a	3	14	32	F0032		0	1048575	none	none

Start address of HBR 1 buffer

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2006	HBR 1 Buffer End	V	n/a	3	14	32	F0032		0	1048575	none	none

End address of HBR 1 buffer

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2007	HBR2 BufferStart	V	n/a	3	14	32	F0032		0	1048575	none	none

Start address of HBR 2 buffer

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2008	HBR 2 Buffer End	V	n/a	3	14	32	F0032		0	1048575	none	none

End address of HBR 2 buffer

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2009	HBR3 BufferStart	V	n/a	3	14	32	F0032		0	1048575	none	none

Start address of HBR 3 buffer

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2010	HBR 3 Buffer End	V	n/a	3	14	32	F0032		0	1048575	none	none

End address of HBR 3 buffer

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2011	HBR4 BufferStart	V	n/a	3	14	32	F0032		0	1048575	none	none

Start address of HBR 4 buffer

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2012	HBR 4 Buffer End	V	n/a	3	14	32	F0032		0	1048575	none	none

End address of HBR 4 buffer

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2013	D	V	degC	3	4	8	F0036				none	none

Temperature upper limit during the normal operating thermal control of the focal plane

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2014	D	V	degC	3	4	8	F0036				none	none

Temperature lower limit during the normal operating thermal control of the focal plane

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2015	D HBR1 CCD0 Mode	V	n/a	2	4	4	F0031		0	5	none	none

Operating mode of CCD0 in HBR 1 (Quadrant 0)

RAW VALUE	MEANING
0	Not Active
1	Imaging FF
2	Imaging LW
3	Imaging SW
4	Timing
5	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2016	D HBR1 CCD1 Mode	V	n/a	2	4	4	F0031		0	5	none	none

Operating mode of CCD1 in HBR 1 (Quadrant 0)

RAW VALUE	MEANING
0	Not Active
1	Imaging FF
2	Imaging LW
3	Imaging SW
4	Timing
5	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2017	D HBR1 CCD2 Mode	V	n/a	2	4	4	F0031		0	5	none	none

Operating mode of CCD2 in HBR 1 (Quadrant 0)

RAW VALUE	MEANING
0	Not Active
1	Imaging FF
2	Imaging LW
3	Imaging SW
4	Timing
5	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2018	D HBR2 CCD0 Mode	V	n/a	2	4	4	F0031		0	5	none	none

Operating mode of CCD0 in HBR 2 (Quadrant 1)

RAW VALUE	MEANING
0	Not Active
1	Imaging FF
2	Imaging LW
3	Imaging SW
4	Timing
5	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2019	D HBR2 CCD1 Mode	V	n/a	2	4	4	F0031		0	5	none	none

Operating mode of CCD1 in HBR 2 (Quadrant 1)

RAW VALUE	MEANING
0	Not Active
1	Imaging FF
2	Imaging LW
3	Imaging SW
4	Timing
5	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2020	D HBR2 CCD2 Mode	V	n/a	2	4	4	F0031		0	5	none	none

Operating mode of CCD2 in HBR 2 (Quadrant 1)

RAW VALUE	MEANING
0	Not Active
1	Imaging FF
2	Imaging LW
3	Imaging SW
4	Timing
5	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2021	D HBR3 CCD0 Mode	V	n/a	2	4	4	F0031		0	5	none	none

Operating mode of CCD0 in HBR 3 (Quadrant 2)

RAW VALUE	MEANING
0	Not Active
1	Imaging FF
2	Imaging LW
3	Imaging SW
4	Timing
5	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2022	D HBR3 CCD1 Mode	V	n/a	2	4	4	F0031		0	5	none	none

Operating mode of CCD1 in HBR 3 (Quadrant 2)

RAW VALUE	MEANING
0	Not Active
1	Imaging FF
2	Imaging LW
3	Imaging SW
4	Timing
5	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2023	D HBR3 CCD2 Mode	V	n/a	2	4	4	F0031		0	5	none	none

Operating mode of CCD2 in HBR 3 (Quadrant 2)

RAW VALUE	MEANING
0	Not Active
1	Imaging FF
2	Imaging LW
3	Imaging SW
4	Timing
5	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2024	D HBR4 CCD0 Mode	V	n/a	2	4	4	F0031		0	5	none	none

Operating mode of CCD0 in HBR 4 (Quadrant 3)

RAW VALUE	MEANING
0	Not Active
1	Imaging FF
2	Imaging LW
3	Imaging SW
4	Timing
5	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2025	D HBR4 CCD1 Mode	V	n/a	2	4	4	F0031		0	5	none	none

Operating mode of CCD1 in HBR 4 (Quadrant 3)

RAW VALUE	MEANING
0	Not Active
1	Imaging FF
2	Imaging LW
3	Imaging SW
4	Timing

5	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2026	D HBR4 CCD2 Mode	V	n/a	2	4	4	F0031		0	5	none	none

Operating mode of CCD2 in HBR 4 (Quadrant 3)

RAW VALUE	MEANING
0	Not Active
1	Imaging FF
2	Imaging LW
3	Imaging SW
4	Timing
5	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2027	HBR 1 Processing	V	n/a	2	0	16	F0031		0	6	none	none

Processing configuration of HBR 1

RAW VALUE	MEANING
0	Disabled
1	ImaFullFrame
2	ImaLargeWind
3	ImaSmallWind
4	Timing
5	Burst
6	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2028	HBR 2 Processing	V	n/a	2	0	16	F0031		0	6	none	none

Processing configuration of HBR 2

RAW VALUE	MEANING
0	Disabled
1	ImaFullFrame
2	ImaLargeWind
3	ImaSmallWind
4	Timing
5	Burst
6	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2029	HBR 3 Processing	V	n/a	2	0	16	F0031		0	6	none	none

Processing configuration of HBR 3

RAW VALUE	MEANING
0	Disabled
1	ImaFullFrame
2	ImaLargeWind
3	ImaSmallWind
4	Timing
5	Burst
6	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2030	HBR 4 Processing	V	n/a	2	0	16	F0031		0	6	none	none

Processing configuration of HBR 4

RAW VALUE	MEANING
0	Disabled
1	ImaFullFrame
2	ImaLargeWind
3	ImaSmallWind
4	Timing
5	Burst
6	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2031	NumRejReadCycles	V	n/a	3	12	16	none				none	none

Number of rejected readout cycles

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2032	Cum ATHR Counter	V	n/a	3	12	16	none				none	none

Cumulative ATHR counter

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2033	Cum DEFA Counter	V	n/a	3	12	16	none				none	none

Cumulative DEFA Counter

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2034	Cum EPDH Counter	V	n/a	3	12	16	none				none	none

Cumulative EPDH Counter

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2035	CumDSLIN Counter	V	n/a	3	12	16	none				none	none

Cumulative DSLIN Counter

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2036	CntModeStartTime	V	n/a	3	14	32	none				none	none

Start time of the EPDH Counting Mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2037	CntModeStopTime	V	n/a	3	14	32	none				none	none

Stop time of the EPDH Counting Mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2038	HBR1 Active Chan	V	n/a	2	1	1	F0031		0	1	none	none

Activation status of HBR 1

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2039	HBR2 Active Chan	V	n/a	2	1	1	F0031		0	1	none	none

Activation status of HBR 2

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2040	HBR3 Active Chan	V	n/a	2	1	1	F0031		0	1	none	none

Activation status of HBR 3

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2041	HBR4 Active Chan	V	n/a	2	1	1	F0031		0	1	none	none

Activation status of HBR 4

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2042	HBR1 Quadrant ID	F	n/a	2	2	2	F0031	0	0	0	none	none

This number identifies the selected quadrant in HBR 1

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2043	HBR2 Quadrant ID	F	n/a	2	2	2	F0031	1	1	1	none	none

This number identifies the selected quadrant in HBR 2

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2044	HBR3 Quadrant ID	F	n/a	2	2	2	F0031	2	2	2	none	none

This number identifies the selected quadrant in HBR 3

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2045	HBR4 Quadrant ID	F	n/a	2	2	2	F0031	3	3	3	none	none

This number identifies the selected quadrant in HBR 4

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2046	HBR1QuadrantMode	V	n/a	2	2	2	F0031		0	3	none	none

Selected quadrant mode for HBR 1

RAW VALUE	MEANING
0	Normal
3	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2047	HBR2QuadrantMode	V	n/a	2	2	2	F0031		0	3	none	none

Selected quadrant mode for HBR 2

RAW VALUE	MEANING
0	Normal
3	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2048	HBR3QuadrantMode	V	n/a	2	2	2	F0031		0	3	none	none

Selected quadrant mode for HBR 3

RAW VALUE	MEANING
0	Normal
3	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2049	HBR4QuadrantMode	V	n/a	2	2	2	F0031		0	3	none	none

Selected quadrant mode for HBR 4

RAW VALUE	MEANING
0	Normal
3	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2050	SwitchIdentifier	V	n/a	2	0	16	none		2560	3328	none	none

This parameter identifies the EPDH switch affected by a current limiter intervention

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2051	Quadrant ID	V	n/a	2	2	2	none		0	3	none	none

Quadrant identifier in the Counting Cycle Report

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2052	Quadrant Mode	V	n/a	2	2	2	none	0	0	3	none	none

Quadrant Mode in the Counting Cycle report

RAW VALUE	MEANING
0	Normal
3	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2053	CCD 0 Mode	V	n/a	2	4	4	none		0	5	none	none

Readout mode of CCD 0 in the Counting Cycle report

RAW VALUE	MEANING
0	Not Active
1	Imaging FF
2	Imaging LW
3	Imaging SW
4	Timing
5	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2054	CCD 1 Mode	V	n/a	2	4	4	none		0	5	none	none

Readout mode of CCD 1 in the Counting Cycle report

RAW VALUE	MEANING
0	Not Active
1	Imaging FF
2	Imaging LW
3	Imaging SW
4	Timing
5	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2055	CCD 2 Mode	V	n/a	2	4	4	none		0	5	none	none

Readout mode of CCD 2 in the Counting Cycle report

RAW VALUE	MEANING
0	Not Active
1	Imaging FF
2	Imaging LW
3	Imaging SW
4	Timing
5	Burst

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2056	Mean Common Mode	V	n/a	3	12	16	none		0	65535	none	none

This parameter reports the Mean Common Mode in the Counting Cycle Report

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2057	MasterInitRepBit	V	n/a	2	0	16	none	0	0	1	none	none

RAW VALUE	MEANING
0	Valid
1	Not Valid

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2058	MasInRepSPROMcrc	V	n/a	3	12	16	none				none	none

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2059	MastInRepPROCcrc	V	n/a	3	12	16	none				none	none

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2060	MastInRepRAMrslt	V	n/a	2	0	16	none	0	0	1	none	none

RAW VALUE	MEANING
0	Valid
1	Not Valid

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2061	MasInReFaultPGnm	V	n/a	3	12	16	none				none	none

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2062	MasInReFaultPGof	V	n/a	3	12	16	none				none	none

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2063	MastInitReRAMcrc	V	n/a	3	12	16	none				none	none

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2064	ResPerProcLoadin	V	n/a	2	0	16	none	0	0	1	none	none

Loading of resident periodic process into APEX table

RAW VALUE	MEANING
0	Valid
1	Not Valid

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2065	InitprFirstssbUn	V	n/a	2	0	16	none	0	0	1	none	none

Unloading of periodic initproc_firstssb process

RAW VALUE	MEANING
0	Valid
1	Not Valid

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2066	EPCE HK DataFlag	V	n/a	2	0	16	none	0	0	1	none	none

This parameter indicates if the EPCE HK data are valid.

RAW VALUE	MEANING
0	Valid
1	Not Valid

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
F2067	EACMMODEStartLin	V	n/a	3	12	16	none				none	none

Start Line stored in the failed LC EACMMODE

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
FIX	Filler	F	n/a	0	0	99						

For this para no other definitions necessary.

RAW VALUE	MEANING