PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
FIX	Fix bit pattern	F	n/a	0	0	99						

RAW VALUE   MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1001	D Prim PW Consum	V	A	3	12	16						

This field contains the measurement of the primary current consumed in the EMDH.

CALIBRATION CURVE   Eng. Value [A] = ((Binary Value * 20) / 4095) - 10

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1002	D P.S. Temp #1	V	degC	3	12	16						

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

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * (-0.1268)) + 345.74

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1003	D P.S. Temp #2	V	degC	3	12	16						

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

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * (-0.1268)) + 345.74

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1004	D +5 V PW Supply	V	V	3	12	16						

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

CALIBRATION CURVE   Eng. Value [V] = (((Binary Value * 20) / 4095) - 10) * 2

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1005	D DBU Power +6V	V	V	3	12	16						

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

CALIBRATION CURVE   Eng. Value [V] = (((Binary Value * 20) / 4095) - 10) * 2

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1006	D +15V PW Supply	V	V	3	12	16						

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

CALIBRATION CURVE   Eng. Value [V] = (((Binary Value * 20) / 4095) - 10) * 2

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1007	D -15V PW Supply	V	V	3	12	16						

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

CALIBRATION CURVE   Eng. Value [V] = (((Binary Value * 20) / 4095) - 10) * 2

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1008	G EMCS Oper Mode	V	n/a	2	8	8						

This field contains indication about the selected EMCS operating mode. This parameter must be considered together with the following parameter E1009, it is affected by TC K0001-8.

RAW VALUE	MEANING
0	Safe StandBy
1	Idle
2	Prime
3	Fast
4	Offset
5	CCD Diagnos.
6	Extraheating
16	InFlightTest

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1009	G EMCS Status	V	n/a	2	8	8						

This field indicates the execution status of the selected EMCS operating mode. This parameter must be considered together with the preceding parameter E1008, it is affected by TC K0001-8.

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
K1010	D Door HOP Stat.	V	n/a	2	1	1						

This field contains indication about the status of the Door HOP switch used to power the actuators in the EMCH. This parameter is influenced by TCs K0044/45.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1011	D Ven Val HOP St	V	n/a	2	1	1						

This field contains indication about the status of the Venting Valve HOP switch used to power the actuators in the EMCH. This parameter is influenced by TCs K0047/48.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1012	D FW Coil 1 Stat	V	n/a	2	1	1						

This field contains indication about the status of the FW Coil 1 switch used to power the actuators in the EMCH. This parameter is influenced by TCs K0049/50.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1013	D FW Coil 2 Stat	V	n/a	2	1	1						

This field contains indication about the status of the FW Coil 2 switch used to power the actuators in the EMCH. This parameter is influenced by TCs K0049/50.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1014	D Ann Heater St.	V	n/a	2	1	1						

This field contains indication about the status of the Annealing Heater switch used to power the actuators in the EMCH. This parameter reaches the status set by TC K0035 Load Extraheating configuration only after TC K0007 Enter Extraheating Mode is executed.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1015	D Shr Heater St.	V	n/a	2	1	1						

This field contains indication about the status of the Shroud Heater switch used to power the actuators in the EMCH. This parameter reaches the status set by TC K0035 Load Extraheating configuration only after TC K0007 Enter Extraheating Mode is executed, it can be modified by TC K0115 Apply / Remove Power Shroud Heater.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1016	D Door HOP LCP	V	n/a	2	1	1						

This field contains indication about the last commanded position of the Door HOP switch used to power the actuators in the EMCH. This parameter is influenced by TCs K0044/45.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1017	D VenVal HOP LCP	V	n/a	2	1	1						

This field contains indication about the last commanded position of the Vent Val HOP switch used to power the actuators in the EMCH. This parameter is influenced by TCs K0047/48.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1018	D FW Coil 1 LCP	V	n/a	2	1	1						

This field contains indication about the last commanded position of the FW Coil 1 switch used to power the actuators in the EMCH. This parameter is influenced by TCs K0049/50.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1019	D FW Coil 2 LCP	V	n/a	2	1	1						

This field contains indication about the last commanded position of the FW Coil 2 switch used to power the actuators in the EMCH. This parameter is influenced by TCs K0049/50.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1020	D Ann Heater LCP	V	n/a	2	1	1						

This field contains indication about the last commanded position of the Ann. Heater switch used to power the actuators in the EMCH. This parameter reaches the status set by TC K0035 Load Extraheating configuration only after TC K0007 Enter Extraheating Mode is executed.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1021	D Shr Heater LCP	V	n/a	2	1	1						

This field contains indication about the last commanded position of the ShroudHeater switch used to power the actuators in the EMCH. This parameter reaches the status set by TC K0035 Load Extraheating configuration only after TC K0007 Enter Extraheating Mode is executed, it can be modified by TC K0115 Apply / Remove Power Shroud Heater.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1022	D Door HOP CLS	V	n/a	2	1	1						

This field contains indication about the current limiter status of the Door HOP switch used to power the actuators in the EMCH.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1023	D VenVal HOP CLS	V	n/a	2	1	1						

This field contains indication about the current limiter status of the Ven. Val. HOP switch used to power the actuators in the EMCH.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1024	D FW Coil 1 CLS	V	n/a	2	1	1						

This field contains indication about the current limiter status of the FW Coil 1 switch used to power the actuators in the EMCH.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1025	D FW Coil 2 CLS	V	n/a	2	1	1						

This field contains indication about the current limiter status of the FW Coil 2 switch used to power the actuators in the EMCH.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1026	D Ann Heater CLS	V	n/a	2	1	1						

This field contains indication about the current limiter status of the Ann. Heater switch used to power the actuators in the EMCH.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1027	D Shr Heater CLS	V	n/a	2	1	1						

This field contains indication about the current limiter status of the Shroud Heater switch used to power the actuators in the EMCH.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1028	D HBR1 Ch. Conf.	V	n/a	2	8	8						

This field contains information about the current operating mode selected for HBR 1 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1029	D HBR2 Ch. Conf.	V	n/a	2	8	8						

This field contains information about the current operating mode selected for HBR 2 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1030	D HBR3 Ch. Conf.	V	n/a	2	8	8						

This field contains information about the current operating mode selected for HBR 3 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1031	D HBR4 Ch. Conf.	V	n/a	2	8	8						

This field contains information about the current operating mode selected for HBR 4 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.

6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1032	D HBR5 Ch. Conf.	V	n/a	2	8	8						

This field contains information about the current operating mode selected for HBR 5 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1033	D HBR6 Ch. Conf.	V	n/a	2	8	8						

This field contains information about the current operating mode selected for HBR 6 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1034	D HBR7 Ch. Conf.	V	n/a	2	8	8						

This field contains information about the current operating mode selected for HBR 7 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1035	D HBR8 Ch. Conf.	V	n/a	2	8	8						

This field contains information about the current operating mode selected for HBR 8 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.

	8	Tim.C.Proce.
	9	Tim.C.N.Pro.
	10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1036	D HBR 1 Buff Occ	V	n/a	3	4	8						

This field contains information about the HBR 1 Channel Buffer Occupation expressed in Kbytes.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1037	D HBR 2 Buff Occ	V	n/a	3	4	8						

This field contains information about the HBR 2 Channel Buffer Occupation expressed in Kbytes.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1038	D HBR 3 Buff Occ	V	n/a	3	4	8						

This field contains information about the HBR 3 Channel Buffer Occupation expressed in Kbytes.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1039	D HBR 4 Buff Occ	V	n/a	3	4	8						

This field contains information about the HBR 4 Channel Buffer Occupation expressed in Kbytes.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1040	D HBR 5 Buff Occ	V	n/a	3	4	8						

This field contains information about the HBR 5 Channel Buffer Occupation expressed in Kbytes.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1041	D HBR 6 Buff Occ	V	n/a	3	4	8						

This field contains information about the HBR 6 Channel Buffer Occupation expressed in Kbytes.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1042	D HBR 7 Buff Occ	V	n/a	3	4	8						

This field contains information about the HBR 7 Channel Buffer Occupation expressed in Kbytes.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1043	D HBR 8 Buff Occ	V	n/a	3	4	8						

This field contains information about the HBR 8 Channel Buffer Occupation expressed in Kbytes.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1044	CTimAutResPreVal	V	sec	3	12	16						

Preset value (sec) loaded by the Preset Time Counter telecommand in the EMDH counter, used for the automatic reset of the EMCR time.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1045	D LBR I/F Status	V	n/a	2	0	16						

This field contains information about the EMDH LBR I/F Status.

RAW VALUE	MEANING
0	I/F OK
65280	I/F busy

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1046	DLast Com FW Pos	V	n/a	3	12	16						

This field contains information about the last commanded position of the Filter Wheel, expressed in stepper motor number. This parameter is influenced by TCs K0084/85.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1047	D HBR1 Disc Even	V	n/a	3	12	16						

N of valid events received from HBR 1 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 events are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1048	D HBR2 Disc Even	V	n/a	3	12	16						

N of valid events received from HBR 2 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 events are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1049	D HBR3 Disc Even	V	n/a	3	12	16						

N of valid events received from HBR 3 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 events are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1050	D HBR4 Disc Even	V	n/a	3	12	16						

N of valid events received from HBR 4 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 events are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1051	D HBR5 Disc Even	V	n/a	3	12	16						

N of valid events received from HBR 5 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 events are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1052	D HBR6 Disc Even	V	n/a	3	12	16						

N of valid events received from HBR 6 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 events are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1053	D HBR7 Disc Even	V	n/a	3	12	16						

N of valid events received from HBR 7 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 events are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1054	D HBR8 Disc Even	V	n/a	3	12	16						

N of valid events received from HBR 8 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 events are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1055	D HBR1 Disc Fram	V	n/a	3	12	16						

N of frames received from HBR 1 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 frames are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1056	D HBR2 Disc Fram	V	n/a	3	12	16						

N of frames received from HBR 2 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 frames are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1057	D HBR3 Disc Fram	V	n/a	3	12	16						

N of frames received from HBR 3 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 frames are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1058	D HBR4 Disc Fram	V	n/a	3	12	16						

N of frames received from HBR 4 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 frames are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1059	D HBR5 Disc Fram	V	n/a	3	12	16						

N of frames received from HBR 5 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 frames are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1060	D HBR6 Disc Fram	V	n/a	3	12	16						

N of frames received from HBR 6 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 frames are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1061	D HBR7 Disc Fram	V	n/a	3	12	16						

N of frames received from HBR 7 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 frames are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1062	D HBR8 Disc Fram	V	n/a	3	12	16						

N of frames received from HBR 8 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 frames are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1065	D Door HOP ArmST	V	n/a	2	8	8						

This field contains the EMDH Door HOP switch arming status. This parameter is influenced by TCs K0043/45

RAW VALUE	MEANING
0	Not Armed
1	Armed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1066	D VenValHOPArmST	V	n/a	2	8	8						

This field contains the EMDH Venting Valve HOP switch arming status. This parameter is influenced by TCs K0046/48.

RAW VALUE	MEANING
0	Not Armed
1	Armed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1067	C H/K Ref Status	V	n/a	2	0	16						

This field contains information about the refresh status of the EMCR H/K block contained in this packet. There are some conditions where EMCR is not able to deliver the H/K packet to EMDH, therefore the old valid H/K will be inserted and this flag set.

RAW VALUE	MEANING
0	New EMCR
65535	Old EMCR H/K

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1068	C EDU 0 Status	V	n/a	3	12	16						

This field contains the information about the EMCR EDU 0 status.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1069	C EDU 1 Status	V	n/a	3	12	16						

This field contains the information about the EMCR EDU 1 status.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1070	C EDU 2 Status	V	n/a	3	12	16						

This field contains the information about the EMCR EDU 2 status.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1071	C EDU 3 Status	V	n/a	3	12	16						

This field contains the information about the EMCR EDU 3 status.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1072	C EDU 4 Status	V	n/a	3	12	16						

This field contains the information about the EMCR EDU 4 status.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1073	C EDU 5 Status	V	n/a	3	12	16						

This field contains the information about the EMCR EDU 5 status.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1074	C EDU 6 Status	V	n/a	3	12	16						

This field contains the information about the EMCR EDU 6 status.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1075	C EDU 7 Status	V	n/a	3	12	16						

This field contains the information about the EMCR EDU 7 status.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1076	C EMAE -6 V Line	V	V	3	4	8						

This field contains the information about the voltage value of the -6V line delivered to EMAE.

CALIBRATION CURVE Eng. Value [V] = (Binary Value - 128) * 0.082

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1077	C EMAE +6 V Line	V	V	3	4	8						

This field contains the information about the voltage value of the +6V line delivered to EMAE.

CALIBRATION CURVE Eng. Value [V] = (Binary Value - 128) * 0.082

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1078	C EMAE -13V Line	V	V	3	4	8						

This field contains the information about the voltage value of the -13V line delivered to EMAE.

CALIBRATION CURVE   Eng. Value [V] = (Binary Value - 128) * 0.195

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1079	C EMAE +13V Line	V	V	3	4	8						

This field contains the information about the voltage value of the +13V line delivered to EMAE.

CALIBRATION CURVE   Eng. Value [V] = (Binary Value - 128) * 0.195

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1080	C EMAE +28V Line	V	V	3	4	8						

This field contains the information about the voltage value of the +28V line delivered to EMAE

CALIBRATION CURVE   Eng. Value [V] = (Binary Value - 128) * 0.414

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1081	C EMAE +18V Line	V	V	3	4	8						

This field contains the information about the voltage value of the +18V line delivered to EMAE.

CALIBRATION CURVE   Eng. Value [V] = (Binary Value - 128) * 0.260

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1082	C Signal Ground	V	V	3	4	8						

This field contains the information about the voltage value of the EMCR Signal Ground. This value can be used for correlation of the other analog acquisitions.

CALIBRATION CURVE   Eng. Value [V] = (Binary Value - 128) * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1083	C EMAE +32V Line	V	V	3	4	8						

This field contains the information about the voltage value of the +32V line delivered to EMAE.

CALIBRATION CURVE   Eng. Value [V] = (Binary Value - 128) * 0.466

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1084	V EMVC Temp. #1	V	degC	3	4	8						

This field contains the first temperature measured in a hot point inside the EMVC.

CALIBRATION CURVE   Eng. Value [°C] = (((Binary Value - 128) * 0.039) + 1.325) / 0.0681

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1085	C EMCR Temp. #1	V	degC	3	4	8						

This field contains the first temperature measured in a hot point inside the EMCR.

CALIBRATION CURVE   Eng. Value [°C] = (((Binary Value - 128) * 0.039) + 1.325) / 0.0681

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1086	C EMCR +5 V Line	V	V	3	4	8						

This field contains the information about the voltage value of the +5V line used by EMCR.

CALIBRATION CURVE   Eng. Value [V] = (Binary Value - 128) * 0.082

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1087	V EMVC Temp. #2	V	degC	3	4	8						

This field contains the second temperature measured in a hot point inside the EMVC.

CALIBRATION CURVE   Eng. Value [°C] = (((Binary Value - 128) * 0.039) + 1.325) / 0.0681

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1088	C EMCR -13V Line	V	V	3	4	8						

This field contains the information about the voltage value of the -13V line used by EMCR.

CALIBRATION CURVE   Eng. Value [V] = (Binary Value - 128) * 0.205

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1089	C EMCR +13V Line	V	V	3	4	8						

This field contains the information about the voltage value of the +13V line used by EMCR.

CALIBRATION CURVE   Eng. Value [V] = (Binary Value - 128) * 0.205

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1090	C EMCR Temp. #2	V	degC	3	4	8						

This field contains the second temperature measured in a hot point inside the EMCR.

CALIBRATION CURVE   Eng. Value [°C] = (((Binary Value - 128) * 0.039) + 1.325) / 0.0681

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1091	CEMAECmEchoErCn	V	n/a	3	4	8						

This field counts the wrong echo received from EMAE as response to each command.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1092	CEMAELsWrEchoCo	V	n/a	2	8	8						

This field contains the address of the last EMAE command whose echo was not correct.

RAW VALUE   MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1093	E CCD 1 VBB	V	V	3	4	8						

This field contains the value of the CCD 1 Vbb Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1094	E CCD 1 VSS	V	V	3	4	8						

This field contains the value of the CCD 1 Vss Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1095	E CCD 1 VID	V	V	3	4	8						

This field contains the value of the CCD 1 Vid Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1096	E CCD 1 VGR	V	V	3	4	8						

This field contains the value of the CCD 1 Vgr Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1097	E CCD 1 VRD1	V	V	3	4	8						

This field contains the value of the CCD 1 Vrd1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1098	E CCD 1 VOG1	V	V	3	4	8						

This field contains the value of the CCD 1 Vog1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1099	E CCD 1 VOG2	V	V	3	4	8						

This field contains the value of the CCD 1 Vog2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1100	E CCD 1 VOD1	V	V	3	4	8						

This field contains the value of the CCD 1 Vod1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1101	E CCD 1 VOD2	V	V	3	4	8						

This field contains the value of the CCD 1 Vod2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1102	E CCD 1 VRD2	V	V	3	4	8						

This field contains the value of the CCD 1 Vrd2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1103	E CCD 1 S	V	V	3	4	8						

This field contains the value of the CCD 1 Vs Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1104	E CCD 1 I	V	V	3	4	8						

This field contains the value of the CCD 1 Vi Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0613

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1105	E CCD 1 IG	V	V	3	4	8						

This field contains the value of the CCD 1 Vig Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.059

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1106	E CCD 1 R	V	V	3	4	8						

This field contains the value of the CCD 1 Vr Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1107	E CCD 1 RESET 2	V	V	3	4	8						

This field contains the value of the CCD 1 Vreset2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1108	E CCD 1 RESET 1	V	V	3	4	8						

This field contains the value of the CCD 1 Vreset1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1109	A AnCh1/2 SeqRam	V	n/a	2	1	1						

Current status of the Analogue Chain 1/2 Sequencer Ram (Load/Run). This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	Load
1	Run

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1110	AAnCh1/2InbCtrlC	V	n/a	2	1	1						

Current status of the Analogue Chain 1/2 Port Inhibit On/Off Control C. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1111	AAnCh1/2InbCtrlB	V	n/a	2	1	1						

Current status of the Analogue Chain 1/2 Port Inhibit On/Off Control B. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1112	AAnCh1/2InbCtrlA	V	n/a	2	1	1						

Current status of the Analogue Chain 1/2 Port Inhibit On/Off Control A. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1113	AAnCh1/2IntSimul	V	n/a	2	3	3						

This parameter reports if the Analogue Chain 1/2 or the Internal Simulator has been selected as Chain Input. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	ChainNorNod0
1	ChainNorNod1
2	Chain/10Nod0
3	Chain/10Nod1
4	SimulatorMax
5	Simulator_/2
6	Simulator_/4
7	Simulator_/8

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1116	AAnCh1/2GaNumSet	V	n/a	3	4	8						

Analogue Chain 1/2 Gatti Number Setting. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1117	AAnCh1/2LoadAddL	V	n/a	3	3	7						

This parameter reports the Sequencer RAM Word Address for the Analogue Chain 1/2 (7 Least Significant Bits). This parameter must be read together with E1118.,

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1118	AAnCh1/2LoadAddM	V	n/a	2	2	2						

This parameter reports the Sequencer RAM Word Address for the Analogue Chain 1/2 (2 Most Significant Bits). This parameter must be read together with E1117.,

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1119	A Seq PC FW Mode	V	n/a	2	1	1						

This parameter reports the current mode of the Wheel Drive Sequencer Ram (Load/Run). This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	Load

| | 1 | Run |

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1120	A SeqPCFWDrvInbC	V	n/a	2	1	1						

This parameter reports the status of the Wheel Drive Sequence Inhibit C. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1121	A SeqPCFWDrvInbB	V	n/a	2	1	1						

This parameter reports the status of the Wheel Drive Sequence Inhibit B. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1122	A SeqPCFWDrvInbA	V	n/a	2	1	1						

This parameter reports the status of the Wheel Drive Sequence Inhibit A. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1123	ASeqPCWhDrvDirec	V	n/a	2	1	1						

This parameter reports the movement direction of the Wheel Drive. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	Forward
1	Backward

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1124	A SeqPCWhMovTrig	V	n/a	2	1	1						

FW movement trigger status (this HK can be considered meaningless due to the edge operation)

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1125	AAnCh1/2LoadData	V	n/a	3	4	8						

This parameter reports the last byte loaded or dumped to/from the Sequencer RAM into Sequencer Analogue Chain 1/2 Load Address. This parameter is automatically generated by EMCR, but it can be modified by TC K0081. Low or high part of the addressed word is shown depending on the value of parameter AAnCh1/2DataBySe (E1586).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1126	A SeqFW LoadAddL	V	n/a	3	3	7						

This parameter reports the Sequencer RAM Word Address for the Filter Wheel (7 Least Significant Bits). This parameter must be read together with E1127.,

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1127	A SeqFW LoadAddM	V	n/a	2	2	2						

This parameter reports the Sequencer RAM Word Address for the Filter Wheel (2 Most Significant Bits). This parameter must be read together with E1126.,

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1128	A FWActStepCntM	V	n/a	3	4	8						

Filter Wheel Actual Step Counter (MSB) in the EMAE it is loaded with the number of steps to be sent to the FW and decremented to 0 This parameter must be read together with E1138.,

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1129	A SeqFW LoadData	V	n/a	3	4	8						

This parameter reports the last byte loaded or dumped to/from the Sequencer RAM into Sequencer FW Load Address. This parameter is automatically generated by EMCR, but it can be modified by TC K0081. Low or high part of the addressed word is shown depending on the value of parameter ASeqFWDataBySe (E1590).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1130	A AnCh8 PWStatus	V	n/a	2	1	1						

Analogue Chain 8 Power Status.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1131	A AnCh7 PWStatus	V	n/a	2	1	1						

Analogue Chain 7 Power Status.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1132	A AnCh6 PWStatus	V	n/a	2	1	1						

Analogue Chain 6 Power Status.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1133	A AnCh5 PWStatus	V	n/a	2	1	1						

Analogue Chain 5 Power Status.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1134	A AnCh4 PWStatus	V	n/a	2	1	1						

Analogue Chain 4 Power Status.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1135	A AnCh3 PWStatus	V	n/a	2	1	1						

Analogue Chain 3 Power Status.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1136	A AnCh2 PWStatus	V	n/a	2	1	1						

Analogue Chain 2 Power Status.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1137	A AnCh1 PWStatus	V	n/a	2	1	1						

Analogue Chain 1 Power Status.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1138	A FWActStepCntL	V	n/a	3	4	8						

Filter Wheel Actual Step Counter LSB. This parameter must be read together with E1128.,

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1139	H PreAmp14 PW ST	V	n/a	2	1	1						

This field contains the on/off status of the EMCH preamplifier 14.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1140	H PreAmp13 PW ST	V	n/a	2	1	1						

This field contains the on/off status of the EMCH preamplifier 13.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1141	H PreAmp12 PW ST	V	n/a	2	1	1						

This field contains the on/off status of the EMCH preamplifier 12.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1142	H PreAmp11 PW ST	V	n/a	2	1	1						

This field contains the on/off status of the EMCH preamplifier 11.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1143	H PreAmp10 PW ST	V	n/a	2	1	1						

This field contains the on/off status of the EMCH preamplifier 10.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1144	H PreAmp09 PW ST	V	n/a	2	1	1						

This field contains the on/off status of the EMCH preamplifier 9.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1145	H PreAmp01 PW ST	V	n/a	2	1	1						

This field contains the on/off status of the EMCH preamplifier 1.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1146	H PreAmp02 PW ST	V	n/a	2	1	1						

This field contains the on/off status of the EMCH preamplifier 2.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1147	H PreAmp03 PW ST	V	n/a	2	1	1						

This field contains the on/off status of the EMCH preamplifier 3.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1148	H PreAmp04 PW ST	V	n/a	2	1	1						

This field contains the on/off status of the EMCH preamplifier 4.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1149	H PreAmp05 PW ST	V	n/a	2	1	1						

This field contains the on/off status of the EMCH preamplifier 5.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1150	H PreAmp06 PW ST	V	n/a	2	1	1						

This field contains the on/off status of the EMCH preamplifier 6.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1151	H PreAmp07 PW ST	V	n/a	2	1	1						

This field contains the on/off status of the EMCH preamplifier 7.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1152	H PreAmp08 PW ST	V	n/a	2	1	1						

This field contains the on/off status of the EMCH preamplifier 8.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1153	ASeq7/8ReadOutSy	V	n/a	2	1	1						

This parameter reports the active/not active status of the Sequencer 7/8 Readout Synchronizer. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1154	ASeq5/6ReadOutSy	V	n/a	2	1	1						

This parameter reports the active/not active status of the Sequencer 5/6 Readout Synchronizer. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1155	ASeq3/4ReadOutSy	V	n/a	2	1	1						

This parameter reports the active/not active status of the Sequencer 3/4 Readout Synchronizer. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1156	ASeq1/2ReadOutSy	V	n/a	2	1	1						

This parameter reports the active/not active status of the Sequencer 1/2 Readout Synchronizer. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1157	ASeq7/8FrmTranSy	V	n/a	2	1	1						

This parameter reports the active/not active status of the Sequencer 7/8 Frame Transfer Synchronizer. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1158	ASeq5/6FrmTranSy	V	n/a	2	1	1						

This parameter reports the active/not active status of the Sequencer 5/6 Frame Transfer Synchronizer. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1159	ASeq3/4FrmTranSy	V	n/a	2	1	1						

This parameter reports the active/not active status of the Sequencer 3/4 Frame Transfer Synchronizer. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1160	ASeq1/2FrmTranSy	V	n/a	2	1	1						

This parameter reports the active/not active status of the Sequencer 1/2 Frame Transfer Synchronizer. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1161	AFPTCPwStAnHeRe	V	n/a	2	1	1						

Focal Plane Annealing Heater Relay Drive Power Status. This parameter is automatically set by EMCR, but it can be modified by TC K0102.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1162	AFPTCPwStVacuSen	V	n/a	2	1	1						

Focal Plane Vacuum Sensor   Strain Gauge Power Status.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1163	AFPTCPwStTemCon	V	n/a	2	1	1						

Focal Plane Temperature Control Redundant Power Status.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1164	AFPTCPwStTemCon	V	n/a	2	1	1						

Focal Plane Temperature Control Nominal Power Status.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1165	E CCD 2 VBB	V	V	3	4	8						

This field contains the value of the CCD 2 Vbb Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1166	E CCD 2 VSS	V	V	3	4	8						

This field contains the value of the CCD 2 Vss Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1167	E CCD 2 VID	V	V	3	4	8						

This field contains the value of the CCD 2 Vid Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1168	E CCD 2 VGR	V	V	3	4	8						

This field contains the value of the CCD 2 Vgr Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1169	E CCD 2 VRD1	V	V	3	4	8						

This field contains the value of the CCD 2 Vrd1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1170	E CCD 2 VOG1	V	V	3	4	8						

This field contains the value of the CCD 2 Vog1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1171	E CCD 2 VOG2	V	V	3	4	8						

This field contains the value of the CCD 2 Vog2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1172	E CCD 2 VOD1	V	V	3	4	8						

This field contains the value of the CCD 2 Vod1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1173	E CCD 2 VOD2	V	V	3	4	8						

This field contains the value of the CCD 2 Vod2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1174	E CCD 2 VRD2	V	V	3	4	8						

This field contains the value of the CCD 2 Vrd2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1175	E CCD 2 S	V	V	3	4	8						

This field contains the value of the CCD 2 Vs Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1176	E CCD 2 I	V	V	3	4	8						

This field contains the value of the CCD 2 Vi Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0613

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1177	E CCD 2 IG	V	V	3	4	8						

This field contains the value of the CCD 2 Vig Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.059

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1178	E CCD 2 R	V	V	3	4	8						

This field contains the value of the CCD 2 Vr Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1179	E CCD2 RESET2	V	V	3	4	8						

This field contains the value of the CCD 2 Vreset2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1180	E CCD2 RESET1	V	V	3	4	8						

This field contains the value of the CCD 2 Vreset1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1181	E CCD 5 VBB	V	V	3	4	8						

This field contains the value of the CCD 5 Vbb Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1182	E CCD 5 VSS	V	V	3	4	8						

This field contains the value of the CCD 5 Vss Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1183	E CCD 5 VID	V	V	3	4	8						

This field contains the value of the CCD 5 Vid Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1184	E CCD 5 VGR	V	V	3	4	8						

This field contains the value of the CCD 5 Vgr Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1185	E CCD 5 VRD1	V	V	3	4	8						

This field contains the value of the CCD 5 Vrd1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1186	E CCD 5 VOG1	V	V	3	4	8						

This field contains the value of the CCD 5 Vog1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1187	E CCD 5 VOG2	V	V	3	4	8						

This field contains the value of the CCD 5 Vog2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1188	E CCD 5 VOD1	V	V	3	4	8						

This field contains the value of the CCD 5 Vod1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1189	E CCD 5 VOD2	V	V	3	4	8						

This field contains the value of the CCD 5 Vod2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1190	E CCD 5 VRD2	V	V	3	4	8						

This field contains the value of the CCD 5 Vrd2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1191	E CCD 5 S	V	V	3	4	8						

This field contains the value of the CCD 5 Vs Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1192	E CCD 5 I	V	V	3	4	8						

This field contains the value of the CCD 5 Vi Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0613

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1193	E CCD 5 IG	V	V	3	4	8						

This field contains the value of the CCD 5 Vig Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.059

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1194	E CCD 5 R	V	V	3	4	8						

This field contains the value of the CCD 5 Vr Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1195	E CCD 5 RESET2	V	V	3	4	8						

This field contains the value of the CCD 5 Vreset2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1196	E CCD 5 RESET1	V	V	3	4	8						

This field contains the value of the CCD 5 Vreset1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1197	A AnCh3/4 SeqRam	V	n/a	2	1	1						

Current status of the Analogue Chain 3/4 Sequencer Ram (Load/Run). This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	Load
1	Run

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1198	AAnCh3/4InbCtrlC	V	n/a	2	1	1						

Current status of the Analogue Chain 3/4 Port Inhibit On/Off Control C. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1199	AAnCh3/4InbCtrlB	V	n/a	2	1	1						

Current status of the Analogue Chain 3/4 Port Inhibit On/Off Control B. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1200	AAnCh3/4InbCtrlA	V	n/a	2	1	1						

Current status of the Analogue Chain 3/4 Port Inhibit On/Off Control A. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1201	AAnCh3/4IntSimul	V	n/a	2	3	3						

This parameter reports if the Analogue Chain 3/4 or the Internal Simulator has been selected as Chain Input. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	ChainNorNod0
1	ChainNorNod1
2	Chain/10Nod0
3	Chain/10Nod1
4	SimulatorMax
5	Simulator_/2
6	Simulator_/4
7	Simulator_/8

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1204	AAnCh3/4GaNumSet	V	n/a	3	4	8						

This parameter reports the Analogue Chain 3/4 Gatti Number Setting presently add to the CCD signal before ADC conversion. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1205	AAnCh3/4LoadAddL	V	n/a	3	3	7						

This parameter reports the Sequencer RAM Word Address for the Analogue Chain 3/4 (7 Least Significant Bits). This parameter must be read together with E1206.,

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1206	AAnCh3/4LoadAddM	V	n/a	2	2	2						

This parameter reports the Sequencer RAM Word Address for the Analogue Chain 3/4 (2 Most Significant Bits). This parameter must be read together with E1205.,

RAW VALUE   MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1207	AFPNomThCoTemSe	V	degC	3	4	8						

This field contains the focal plane temperature main thermal control setting. The monitor is the read back digital value from the register set by the Set Focal Plane Temperature Main Control telecommand.

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 0.869) - 168

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1208	AAnCh3/4LoadData	V	n/a	3	4	8						

This parameter reports the last byte loaded or dumped to/from the Sequencer RAM into Sequencer Analogue Chain 3/4 Load Address. This parameter is automatically generated by EMCR, but it can be modified by TC K0081. Low or high part of the addressed word is shown depending on the value of parameter AAnCh3/4DataBySe (E1587).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1209	E CCD 4 VSS	V	V	3	4	8						

This field contains the value of the CCD 4 Vss Voltage.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1210	AFPRedThCoTemSet	V	degC	3	4	8						

This field contains the focal plane temperature redundant thermal control setting. The monitor is the read back digital value from the register set by the Set Focal Plane Temperature Redundant Control telecommand.

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 0.869) - 168

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1211	E CCD 4 VGR	V	V	3	4	8						

This field contains the value of the CCD 4 Vgr Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1212	E CCD 4 VBB	V	V	3	4	8						

This field contains the value of the CCD 4 Vbb Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1213	E CCD 4 VOG1	V	V	3	4	8						

This field contains the value of the CCD 4 Vog1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1214	E CCD 4 VID	V	V	3	4	8						

This field contains the value of the CCD 4 Vid Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1215	E CCD 4 VOD1	V	V	3	4	8						

This field contains the value of the CCD 4 Vod1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1216	E CCD 4 VRD1	V	V	3	4	8						

This field contains the value of the CCD 4 Vrd1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1217	E CCD 4 VRD2	V	V	3	4	8						

This field contains the value of the CCD 4 Vrd2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1218	E CCD 4 VOG2	V	V	3	4	8						

This field contains the value of the CCD 4 Vog2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1219	E CCD 4 I	V	V	3	4	8						

This field contains the value of the CCD 4 Vi Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0613

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1220	E CCD 4 VOD2	V	V	3	4	8						

This field contains the value of the CCD 4 Vod2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1221	E CCD 4 R	V	V	3	4	8						

This field contains the value of the CCD 4 Vr Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1222	E CCD 4 S	V	V	3	4	8						

This field contains the value of the CCD 4 Vs Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1223	E CCD 4 RESET 1	V	V	3	4	8						

This field contains the value of the CCD 4 Vreset1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1224	E CCD 4 IG	V	V	3	4	8						

This field contains the value of the CCD 4 Vig Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.059

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1225	E CCD 7 VSS	V	V	3	4	8						

This field contains the value of the CCD 7 Vss Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1226	E CCD 4 RESET2	V	V	3	4	8						

This field contains the value of the CCD 4 Vreset2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1227	E CCD 7 VGR	V	V	3	4	8						

This field contains the value of the CCD 7 Vgr Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1228	E CCD 7 VBB	V	V	3	4	8						

This field contains the value of the CCD 7 Vbb Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1229	E CCD 7 VOG1	V	V	3	4	8						

This field contains the value of the CCD 7 Vog1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1230	E CCD 7 VID	V	V	3	4	8						

This field contains the value of the CCD 7 Vid Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1231	E CCD 7 VOD1	V	V	3	4	8						

This field contains the value of the CCD 7 Vod1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1232	E CCD 7 VRD1	V	V	3	4	8						

This field contains the value of the CCD 7 Vrd1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1233	E CCD 7 VRD2	V	V	3	4	8						

This field contains the value of the CCD 7 Vrd2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1234	E CCD 7 VOG2	V	V	3	4	8						

This field contains the value of the CCD 7 Vog2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1235	E CCD 7 I	V	V	3	4	8						

This field contains the value of the CCD 7 Vi Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0613

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1236	E CCD 7 VOD2	V	V	3	4	8						

This field contains the value of the CCD 7 Vod2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1237	E CCD 7 R	V	V	3	4	8						

This field contains the value of the CCD 7 Vr Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1238	E CCD 7 S	V	V	3	4	8						

This field contains the value of the CCD 7 Vs Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1239	E CCD 7 RESET1	V	V	3	4	8						

This field contains the value of the CCD 7 Vreset1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1240	E CCD 7 IG	V	V	3	4	8						

This field contains the value of the CCD 7 Vig Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.059

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1241	AAnCh5/6GaNumSet	V	n/a	3	4	8						

Analogue Chain 5/6 Gatti Number Setting. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1242	E CCD 7 RESET2	V	V	3	4	8						

This field contains the value of the CCD 7 Vreset2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1243	AAnCh5/6LoadAddM	V	n/a	2	2	2						

This parameter reports the Sequencer RAM Word Address for the Analogue Chain 5/6 (2 Most Significant Bits). This parameter must be read together with E1252.,

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1244	A AnCh5/6 SeqRam	V	n/a	2	1	1						

Current status of the Analogue Chain 5/6 Sequencer Ram Load/Run. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	Load
1	Run

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1245	AAnCh5/6InbCtrlC	V	n/a	2	1	1						

Current status of the Analogue Chain 5/6 Port Inhibit On/Off Control C. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1246	AAnCh5/6InbCtrlB	V	n/a	2	1	1						

Current status of the Analogue Chain 5/6 Port Inhibit On/Off Control B. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1247	AAnCh5/6InbCtrlA	V	n/a	2	1	1						

Current status of the Analogue Chain 5/6 Port Inhibit On/Off Control A. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1248	AAnCh5/6IntSimul	V	n/a	2	3	3						

This parameter reports if the Analogue Chain 5/6 or the Internal Simulator has been selected as Chain Input. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	ChainNorNod0
1	ChainNorNod1
2	Chain/10Nod0
3	Chain/10Nod1
4	SimulatorMax
5	Simulator_/2
6	Simulator_/4
7	Simulator_/8

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1251	AAnCh5/6LoadData	V	n/a	3	4	8						

This parameter reports the last byte loaded or dumped to/from the Sequencer RAM into Sequencer Analogue Chain 5/6 Load Address. This parameter is automatically generated by EMCR, but it can be modified by TC K0081. Low or high part of the addressed word is shown depending on the value of parameter AAnCh5/6DataBySe (E1588).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1252	AAnCh5/6LoadAddL	V	n/a	3	3	7						

This parameter reports the Sequencer RAM Word Address for the Analogue Chain 5/6 (7 Least Significant Bits). This parameter must be read together with E1243.,

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1253	H FPlanNorRanTem	V	degC	3	4	8						

This field contains the focal plane temperature. This field gives a correct monitor only in the range between -180 ℃ to - 80 ℃.

CALIBRATION CURVE Eng. Value [℃] = (Binary Value * 0.357) - 159

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1254	H FW NominalStop	V	n/a	2	1	1						

Status of the Filter Wheel Nominal Stop Sensor. This parameter is influenced by TCs K0084/85.

RAW VALUE	MEANING
0	In Position
1	Out Position

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1255	HDoorBellowState	V	n/a	2	1	1						

Status of the Door Bellow Retracted Hall Sensor.

RAW VALUE	MEANING
0	Retracted
1	NotRetracted

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1256	H Door Open uSw	V	n/a	2	1	1						

Status of the Door Open microswitch.

RAW VALUE	MEANING
0	Open
1	Closed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1257	H FW Position	V	n/a	2	3	3						

This parameter gives the Absolute Position of the Filter Wheel, with reference to the mounted filters. This parameter is influenced by TCs K0084/85.

RAW VALUE	MEANING
0	Open
1	Filter D
2	Filter C
3	Filter B
4	Filter A
5	Closed
6	IllegalValue
7	Not Valid CS

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1258	H FW Redund Stop	V	n/a	2	1	1						

Status of the Filter Wheel Stop Redundant Sensor. This parameter is influenced by TCs K0084/85.

RAW VALUE	MEANING
0	In Position
1	Out Position

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1260	AFPRedThCoTemMo	V	degC	3	4	8						

This field contains the focal plane redundant thermal control temperature monitor. This value is used as feedback in the focal plane redundant thermal control.

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 1.01) - 170.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1261	H Vacuum Monitor	V	mV	3	4	8						

This field contains the EMCH vacuum monitor.

CALIBRATION CURVE   Eng. Value [mV] = Binary Value * 39.06

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1262	H Secon Rad Temp	V	degC	3	4	8						

This field contains the temperature of the EMCH Secondary Radiator.

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 1.689) - 225.9

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1263	A Rad. Mon. FET1	V	mV	3	4	8						

This field contains the Radiation Monitor measured by FET 1 in the EMAE.

CALIBRATION CURVE   Eng. Value [mV] = Binary Value * 39.06

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1264	A Rad. Mon. FET3	V	mV	3	4	8						

This field contains the Radiation Monitor measured by FET 3 in the EMAE

CALIBRATION CURVE   Eng. Value [mV] = Binary Value * 39.06

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1265	HDoorBellowPress	V	Bar	3	4	8						

This field contains the monitor of the pressure inside the EMCH Door Bellows.

CALIBRATION CURVE   Eng. Value [Bar] = ((Binary Value * 39.06)/1000)-2

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1266	E CCD 3 VBB	V	V	3	4	8						

This field contains the value of the CCD 3 Vbb Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1267	E CCD 3 VSS	V	V	3	4	8						

This field contains the value of the CCD 3 Vss Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1268	E CCD 3 VID	V	V	3	4	8						

This field contains the value of the CCD 3 Vid Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1269	E CCD 3 VGR	V	V	3	4	8						

This field contains the value of the CCD 3 Vgr Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1270	E CCD 3 VRD1	V	V	3	4	8						

This field contains the value of the CCD 3 Vrd1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1271	E CCD 3 VOG1	V	V	3	4	8						

This field contains the value of the CCD 3 Vog1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1272	E CCD 3 VOG2	V	V	3	4	8						

This field contains the value of the CCD 3 Vog2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1273	E CCD 3 VOD1	V	V	3	4	8						

This field contains the value of the CCD 3 Vod1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1274	E CCD 3 VOD2	V	V	3	4	8						

This field contains the value of the CCD 3 Vod2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1275	E CCD 3 VRD2	V	V	3	4	8						

This field contains the value of the CCD 3 Vrd2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1276	E CCD 3 S	V	V	3	4	8						

This field contains the value of the CCD 3 Vs Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1277	E CCD 3 I	V	V	3	4	8						

This field contains the value of the CCD 3 Vi Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0613

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1278	E CCD 3 IG	V	V	3	4	8						

This field contains the value of the CCD 3 Vig Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.059

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1279	E CCD 3 R	V	V	3	4	8						

This field contains the value of the CCD 3 Vr Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1280	E CCD 3 RESET2	V	V	3	4	8						

This field contains the value of the CCD 3 Vreset2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1281	E CCD 3 RESET1	V	V	3	4	8						

This field contains the value of the CCD 3 Vreset1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1282	E CCD 6 VBB	V	V	3	4	8						

This field contains the value of the CCD 6 Vbb Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1283	E CCD 6 VSS	V	V	3	4	8						

This field contains the value of the CCD 6 Vss Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1284	E CCD 6 VID	V	V	3	4	8						

This field contains the value of the CCD 6 Vid Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1285	E CCD 6 VGR	V	V	3	4	8						

This field contains the value of the CCD 6 Vgr Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1286	E CCD 6 VRD1	V	V	3	4	8						

This field contains the value of the CCD 6 Vrd1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1287	E CCD 6 VOG1	V	V	3	4	8						

This field contains the value of the CCD 6 Vog1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1288	E CCD 6 VOG2	V	V	3	4	8						

This field contains the value of the CCD 6 Vog2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1289	E CCD 6 VOD1	V	V	3	4	8						

This field contains the value of the CCD 6 Vod1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1290	E CCD 6 VOD2	V	V	3	4	8						

This field contains the value of the CCD 6 Vod2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1291	E CCD 6 VRD2	V	V	3	4	8						

This field contains the value of the CCD 6 Vrd2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1292	E CCD 6 S	V	V	3	4	8						

This field contains the value of the CCD 6 Vs Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1293	E CCD 6 I	V	V	3	4	8						

This field contains the value of the CCD 6 Vi Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0613

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1294	E CCD 6 IG	V	V	3	4	8						

This field contains the value of the CCD 6 Vig Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.059

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1295	E CCD 6 R	V	V	3	4	8						

This field contains the value of the CCD 6 Vr Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1296	E CCD 6 RESET2	V	V	3	4	8						

This field contains the value of the CCD 6 Vreset2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1297	E CCD 6 RESET1	V	V	3	4	8						

This field contains the value of the CCD 6 Vreset1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE   Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1298	A AnCh7/8 SeqRam	V	n/a	2	1	1						

Current status of the Analogue Chain 7/8 Sequencer Ram (Load/Run). This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	Load
1	Run

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1299	AAnCh7/8InbCtrlC	V	n/a	2	1	1						

Current status of the Analogue Chain 7/8 Port Inhibit On/Off Control C. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1300	AAnCh7/8InbCtrlB	V	n/a	2	1	1						

Current status of the Analogue Chain 3/4 Port Inhibit On/Off Control B. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1301	AAnCh7/8InbCtrlA	V	n/a	2	1	1						

Current status of the Analogue Chain 7/8 Port Inhibit On/Off Control A. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1302	AAnCh7/8IntSimul	V	n/a	2	3	3						

This parameter reports if the Analogue Chain 7/8 or the Internal Simulator has been selected as Chain Input. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	ChainNorNod0

1	ChainNorNod1
2	Chain/10Nod0
3	Chain/10Nod1
4	SimulatorMax
5	Simulator_/2
6	Simulator_/4
7	Simulator_/8

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1305	AAnCh7/8GaNumSet	V	n/a	3	4	8						

Analogue Chain 7/8 Gatti Number Setting. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1306	AAnCh7/8LoadAddL	V	n/a	3	3	7						

This parameter reports the Sequencer RAM Word Address for the Analogue Chain 7/8 (7 Least Significant Bits). This parameter must be read together with E1307.,

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1307	AAnCh7/8LoadAddM	V	n/a	2	2	2						

This parameter reports the Sequencer RAM Word Address for the Analogue Chain 7/8 (2 Most Significant Bits). This parameter must be read together with E1306.,

RAW VALUE   MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1308	HFPlaneExtRanTem	V	degC	3	4	8						

This field contains the focal plane temperature. This field gives a rough temperatrure monitor in the range between -180 ℃ to + 130 ℃.

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1309	AAnCh7/8LoadData	V	n/a	3	4	8						

This parameter reports the last byte loaded or dumped to/from the Sequencer RAM into Sequencer Analogue Chain 7/8 Load Address. This parameter is automatically generated by EMCR, but it can be modified by TC K0081. Low or high part of the addressed word is shown depending on the value of parameter AAnCh7/8DataBySe (E1589).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1310	H FW Motor Temp	V	degC	3	4	8						

This field contains the monitor of the FW motor temperature.

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 1.953) - 273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1311	A AE Electr Temp	V	degC	3	4	8						

This field contains the monitor of the EMAE electronics temperature.

CALIBRATION CURVE   Eng. Value [°C] = 89.794 - (Binary Value * 1.2723) + (Binary Value^2 * 6.9E-3) - (Binary Value^3 * 1.7E10-5)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1312	AFPNomThCoTemM	V	degC	3	4	8						

This field contains the focal plane main thermal control temperature monitor. This value is used as feedback in the focal plane main thermal control.

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 1.01) - 170.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1313	A Rad. Mon. FET2	V	mV	3	4	8						

This field contains the Radiation Monitor measured by FET 2 in the EMAE.

CALIBRATION CURVE   Eng. Value [mV] = Binary Value * 39.06

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1314	A Rad. Mon. FET4	V	mV	3	4	8						

This field contains the Radiation Monitor measured by FET 4 in the EMAE

CALIBRATION CURVE   Eng. Value [mV] = Binary Value * 39.06

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1315	H CH Electr Temp	V	degC	3	4	8						

This field contains the monitor of the EMCH electronics temperature.

CALIBRATION CURVE   Eng. Value [℃] = 58.08 - (Binary Value * 2.2888) + (Binary Value^2 * 2.9E-2) - (Binary Value^3 * 1.7E-4) + (Binary Value^4 * 3.5E-7)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1316	CFWExpNomStopSen	V	n/a	2	1	1						

This field contains the EMCR expected value of the Filter Wheel nominal Stop Sensor. This parameter value depends on TCs K0084/85. EMCR will use this info to verify the correct execution of the FW related TC.

RAW VALUE	MEANING
0	In Position
1	Out Position

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1317	CFWActStepNumRef	V	n/a	3	12	16						

This field contains the FW position address (as step number) that EMCR consider as current FW position. EMCR will use this value to calculate the needed motor steps to reach a new position.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1318	CGroup1SeqNumber	V	n/a	3	0	4						

This parameter reportes which EMCR Sequence Table has been loaded in the EMAE Sequencer 1 (EDU 0/1).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1319	C Group1 IntTime	V	sec	3	8	12						

Integration time used in by EMCR to drive EMAE Sequencer 1 (EDU 0/1) during observation. 0,2 < IT < 102,3 = Frame by Frame Readout; 102,4 = Continous Readout; IT > 102,4 = Sequencers will not be started

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1320	C Gr1 FrstCyDel1	V	sec	3	0	4						

First part of the First Cycle Delay (delay in the starting of the first cycle readout) applied to EMAE Sequencer 1 (EDU 0/1). This parameter must be read together with E1322.

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1321	C Group1X0Posit.	V	n/a	3	8	12						

Window X0 position for EMAE Sequencer 1 (EDU 0/1).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1322	C Gr1 FrstCyDel2	V	sec	3	0	4						

Second part of the First Cycle Delay applied to EMAE Sequencer 1 (EDU 0/1) operation. This parameter must be read together with E1320.

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1323	C Group1Y0Posit.	V	n/a	3	8	12						

Window Y0 position for EMAE Sequencer 1 (EDU 0/1).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1324	CGroup1ReaOuDel1	V	sec	3	0	4						

First part of the Readout Delay (further delay in the starting of the frame readouts) applied to EMAE Sequencer 1 (EDU 0/1). This parameter must be read together with E1326.

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1325	C Group1 X Size	V	n/a	3	8	12						

Window X size for EMAE Sequencer 1 (EDU 0/1).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1326	CGroup1ReaOuDel2	V	sec	3	0	4						

Second part of the Readout Delay applied to EMAE Sequencer 1 (EDU 0/1) operation. This parameter must be read together with E1324.

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1327	C Group1 Y Size	V	n/a	3	8	12						

Window Y size for EMAE Sequencer 1 (EDU 0/1).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1328	CGroup2SeqNumber	V	n/a	3	0	4						

This parameter reports which EMCR Sequence Table has been loaded in the EMAE Sequencer 2 (EDU 2/3).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1329	C Group2 IntTime	V	sec	3	8	12						

Integration time used in by EMCR to drive EMAE Sequencer 2 (EDU 2/3) during observation. 0,2 < IT < 102,3 = Frame by Frame Readout; 102,4 = Continous Readout; IT > 102,4 = Sequencers will not be started

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1330	C Gr2 FrstCyDel1	V	sec	3	0	4						

First part of the First Cycle Delay (delay in the starting of the first cycle readout) applied to EMAE Sequencer 2 (EDU 2/3). This parameter must be read together with E1332.

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1331	C Group2X0Posit.	V	n/a	3	8	12						

Window X0 position for EMAE Sequencer 2 (EDU 2/3).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1332	C Gr2 FrstCyDel2	V	sec	3	0	4						

Second part of the First Cycle Delay applied to EMAE Sequencer 2 (EDU 2/3) operation. This parameter must be read together with E1330.

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1333	C Group2Y0Posit.	V	n/a	3	8	12						

Window Y0 position for EMAE Sequencer 2 (EDU 2/3).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1334	CGroup2ReaOuDel1	V	sec	3	0	4						

First part of the Readout Delay (further delay in the starting of the frame readouts) applied to EMAE Sequencer 2 (EDU 2/3). This parameter must be read together with E1336.

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1335	C Group2 X Size	V	n/a	3	8	12						

Window X size for EMAE Sequencer 2 (EDU 2/3).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1336	CGroup2ReaOuDel2	V	sec	3	0	4						

Second part of the Readout Delay applied to EMAE Sequencer 2 (EDU 2/3) operation. This parameter must be read together with E1334.

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1337	C Group2 Y Size	V	n/a	3	8	12						

Window Y size for EMAE Sequencer 2 (EDU 2/3).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1338	CGroup3SeqNumber	V	n/a	3	0	4						

This parameter reportes which EMCR Sequence Table has been loaded in the EMAE Sequencer 3 (EDU 4/5).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1339	C Group3 IntTime	V	sec	3	8	12						

Integration time used in by EMCR to drive EMAE Sequencer 3 (EDU 4/5) during observation. 0,2 < IT < 102,3 = Frame by Frame Readout; 102,4 = Continous Readout; IT > 102,4 = Sequencers will not be started

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1340	C Gr3 FrstCyDel1	V	sec	3	0	4						

First part of the First Cycle Delay (delay in the starting of the first cycle readout) applied to EMAE Sequencer 3 (EDU 4/5). This parameter must be read together with E1342.

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1341	C Group3X0Posit.	V	n/a	3	8	12						

Window X0 position for EMAE Sequencer 3 (EDU 4/5).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1342	C Gr3 FrstCyDel2	V	sec	3	0	4						

Second part of the First Cycle Delay applied to EMAE Sequencer 3 (EDU 4/5) operation. This parameter must be read together with E1340.

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1343	C Group3Y0Posit.	V	n/a	3	8	12						

Window Y0 position for EMAE Sequencer 3 (EDU 4/5).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1344	CGroup3ReaOuDel1	V	sec	3	0	4						

First part of the Readout Delay (further delay in the starting of the frame readouts) applied to EMAE Sequencer 3 (EDU 4/5). This parameter must be read together with E1346.

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1345	C Group3 X Size	V	n/a	3	8	12						

Window X size for EMAE Sequencer 3 (EDU 4/5).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1346	CGroup3ReaOuDel2	V	sec	3	0	4						

Second part of the Readout Delay applied to EMAE Sequencer 3 (EDU 4/5) operation. This parameter must be read together with E1344.

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1347	C Group3 Y Size	V	n/a	3	8	12						

Window Y size for EMAE Sequencer 3 (EDU 4/5).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1348	CGroup4SeqNumber	V	n/a	3	0	4						

This parameter reportes which EMCR Sequence Table has been loaded in the EMAE Sequencer 4 (EDU 6/7).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1349	C Group4 IntTime	V	sec	3	8	12						

Integration time used in by EMCR to drive EMAE Sequencer 4 (EDU 6/7) during observation. 0,2 < IT < 102,3 = Frame by Frame Readout; 102,4 = Continous Readout; IT > 102,4 = Sequencers will not be started

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1350	C Gr4 FrstCyDel1	V	sec	3	0	4						

First part of the First Cycle Delay (delay in the starting of the first cycle readout) applied to EMAE Sequencer 4 (EDU 6/7). This parameter must be read together with E1352.

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1351	C Group4X0Posit.	V	n/a	3	8	12						

Window X0 position for EMAE Sequencer 4 (EDU 6/7).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1352	C Gr4 FrstCyDel2	V	sec	3	0	4						

Second part of the First Cycle Delay applied to EMAE Sequencer 4 (EDU 6/7) operation. This parameter must be read with E1350.

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1353	C Group4Y0Posit.	V	n/a	3	8	12						

Window Y0 position for EMAE Sequencer 4 (EDU 6/7).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1354	CGroup4ReaOuDel1	V	sec	3	0	4						

First part of the Readout Delay (further delay in the starting of the frame readouts) applied to EMAE Sequencer 4 (EDU 6/7). This parameter must be read together with E1356.

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1355	C Group4 X Size	V	n/a	3	8	12						

Window X size for EMAE Sequencer 4 (EDU 6/7).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1356	CGroup4ReaOuDel2	V	sec	3	0	4						

Second part of the Readout Delay applied to EMAE Sequencer 4 (EDU 6/7) operation. This parameter must be read together with E1354.

CALIBRATION CURVE   Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1357	C Group4 Y Size	V	n/a	3	8	12						

Window Y size for EMAE Sequencer 4 (EDU 6/7).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1358	CEDU0OperatioMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Stop
1	Run
2	Alternate

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1359	CEDU0ScientifMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Transparent
1	Timing
2	Threshold
3	Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1360	CEDU0Node0TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 0 for Node 0.

RAW VALUE   MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1361	CEDU0Node1TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 0 for Node 1.

RAW VALUE   MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1362	CEDU0TabPattMask	V	n/a	2	3	3						

Pattern Mask Table loaded in EDU 0.

RAW VALUE   MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1363	CEDU1OperatioMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Stop
1	Run
2	Alternate

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1364	CEDU1ScientifMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Transparent
1	Timing
2	Threshold
3	Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1365	CEDU1Node0TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 1 for Node 0.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1366	CEDU1Node1TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 1 for Node 1.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1367	CEDU1TabPattMask	V	n/a	2	3	3						

Pattern Mask Table loaded in EDU 1.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1368	CEDU2OperatioMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Stop
1	Run
2	Alternate

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1369	CEDU2ScientifMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Transparent
1	Timing
2	Threshold
3	Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1370	CEDU2Node0TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 2 for Node 0.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1371	CEDU2Node1TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 2 for Node 1.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1372	CEDU2TabPattMask	V	n/a	2	3	3						

Pattern Mask Table loaded in EDU 2.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1373	CEDU3OperatioMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Stop
1	Run
2	Alternate

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1374	CEDU3ScientifMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Transparent
1	Timing
2	Threshold
3	Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1375	CEDU3Node0TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 3 for Node 0.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1376	CEDU3Node1TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 3 for Node 1.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1377	CEDU3TabPattMask	V	n/a	2	3	3						

Pattern Mask Table loaded in EDU 3.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1378	CEDU4OperatioMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Stop
1	Run
2	Alternate

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1379	CEDU4ScientifMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Transparent
1	Timing
2	Threshold
3	Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1380	CEDU4Node0TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 4 for Node 0.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1381	CEDU4Node1TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 4 for Node 1.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1382	CEDU4TabPattMask	V	n/a	2	3	3						

Pattern Mask Table loaded in EDU 4.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1383	CEDU5OperatioMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Stop
1	Run
2	Alternate

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1384	CEDU5ScientifMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Transparent
1	Timing
2	Threshold
3	Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1385	CEDU5Node0TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 5 for Node 0.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1386	CEDU5Node1TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 5 for Node 1.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1387	CEDU5TabPattMask	V	n/a	2	3	3						

Pattern Mask Table loaded in EDU 5.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1388	CEDU6OperatioMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Stop
1	Run
2	Alternate

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1389	CEDU6ScientifMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Transparent
1	Timing
2	Threshold
3	Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1390	CEDU6Node0TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 6 for Node 0.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1391	CEDU6Node1TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 6 for Node 1.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1392	CEDU6TabPattMask	V	n/a	2	3	3						

Pattern Mask Table loaded in EDU 6.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1393	CEDU7OperatioMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Stop
1	Run
2	Alternate

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1394	CEDU7ScientifMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Transparent
1	Timing
2	Threshold
3	Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1395	CEDU7Node0TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 7 for Node 0.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1396	CEDU7Node1TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 7 for Node 1.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1397	CEDU7TabPattMask	V	n/a	2	3	3						

Pattern Mask Table loaded in EDU 7.

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1398	C EDU0Node0Thres	V	n/a	3	12	16						

Current threshold setting used by EDU 0, when not in alternate mode, regardless the EMAE MUX position. When EDU is set to alternate mode, this parameter indicates the threshold setting applied on Node 0 input.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1399	C EDU0Node1Thres	V	n/a	3	12	16						

When EDU 0 is set to alternate mode, this parameter indicates the threshold setting applied on Node 1 input. In the other modes this field is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1400	C EDU1Node0Thres	V	n/a	3	12	16						

Current threshold setting used by EDU 1, when not in alternate mode, regardless the EMAE MUX position. When EDU is set to alternate mode, this parameter indicates the threshold setting applied on Node 0 input.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1401	C EDU1Node1Thres	V	n/a	3	12	16						

When EDU 1 is set to alternate mode, this parameter indicates the threshold setting applied on Node 1 input. In the other modes this field is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1402	C EDU2Node0Thres	V	n/a	3	12	16						

Current threshold setting used by EDU 2, when not in alternate mode, regardless the EMAE MUX position. When EDU is set to alternate mode, this parameter indicates the threshold setting applied on Node 0 input.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1403	C EDU2Node1Thres	V	n/a	3	12	16						

When EDU 2 is set to alternate mode, this parameter indicates the threshold setting applied on Node 1 input. In the other modes this field is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1404	C EDU3Node0Thres	V	n/a	3	12	16						

Current threshold setting used by EDU 3, when not in alternate mode, regardless the EMAE MUX position. When EDU is set to alternate mode, this parameter indicates the threshold setting applied on Node 0 input.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1405	C EDU3Node1Thres	V	n/a	3	12	16						

When EDU 3 is set to alternate mode, this parameter indicates the threshold setting applied on Node 1 input. In the other modes this field is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1406	C EDU4Node0Thres	V	n/a	3	12	16						

Current threshold setting used by EDU 4, when not in alternate mode, regardless the EMAE MUX position. When EDU is set to alternate mode, this parameter indicates the threshold setting applied on Node 0 input.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1407	C EDU4Node1Thres	V	n/a	3	12	16						

When EDU 4 is set to alternate mode, this parameter indicates the threshold setting applied on Node 1 input. In the other modes this field is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1408	C EDU5Node0Thres	V	n/a	3	12	16						

Current threshold setting used by EDU 5, when not in alternate mode, regardless the EMAE MUX position. When EDU is set to alternate mode, this parameter indicates the threshold setting applied on Node 0 input.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1409	C EDU5Node1Thres	V	n/a	3	12	16						

When EDU 5 is set to alternate mode, this parameter indicates the threshold setting applied on Node 1 input. In the other modes this field is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1410	C EDU6Node0Thres	V	n/a	3	12	16						

Current threshold setting used by EDU 6, when not in alternate mode, regardless the EMAE MUX position. When EDU is set to alternate mode, this parameter indicates the threshold setting applied on Node 0 input.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1411	C EDU6Node1Thres	V	n/a	3	12	16						

When EDU 6 is set to alternate mode, this parameter indicates the threshold setting applied on Node 1 input. In the other modes this field is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1412	C EDU7Node0Thres	V	n/a	3	12	16						

Current threshold setting used by EDU 7, when not in alternate mode, regardless the EMAE MUX position. When EDU is set to alternate mode, this parameter indicates the threshold setting applied on Node 0 input.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1413	C EDU7Node1Thres	V	n/a	3	12	16						

When EDU 7 is set to alternate mode, this parameter indicates the threshold setting applied on Node 1 input. In the other modes this field is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1414	C Selected EDU	V	n/a	3	0	4						

EMCR EDU Identifier to be tested

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1415	CTestImageHighEn	V	n/a	3	8	12						

High Energy Value used to generate the Test Image when the self-generation mode is selected

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1416	C TestConfigType	V	n/a	2	1	1						

Generation Mode of the EMCR Test Image

RAW VALUE	MEANING
0	Loaded Image
1	Built Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1417	CTstConfigPatter	V	n/a	2	3	3						

Pattern Table used to generate the Test Image when the self-generation mode is selected

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1418	C TestImageLowEn	V	n/a	3	8	12						

Low Energy Value used to generate the Test Image when the self-generation mode is selected

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1419	C AnnDriveStatus	V	n/a	2	1	1						

EMCR Annealing Drive Status (ON/OFF).

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1420	C FW OpConfMotor	V	n/a	2	2	2						

Power Configuration of the EMCR Filter Wheel Motor Coil. This parameter depends on TCs K0084/85.

RAW VALUE	MEANING
0	Both ON
1	Nominal ON
2	Redundant ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1421	C FWOpConfRotDir	V	n/a	2	1	1						

Selection of the EMCR Filter Wheel Rotation Direction. This parameter depends on TCs K0084/85.

RAW VALUE	MEANING
0	Forward
1	Backward

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1422	CFWOpConfRotMod	V	n/a	2	1	1						

Selection of the EMCR Filter Wheel Rotation Mode.

RAW VALUE	MEANING
0	Normal
1	Step

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1423	CFWOpConfReqPosS	V	n/a	3	7	11						

EMCR Filter Wheel new position address required by TC (in steps) This parameter depends on TCs K0084/85.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1424	CAnn.Min.Tem.Set	V	degC	3	4	8						

Setting of the rough Focal Plane Minimum Temperature used by the EMCR Annealing Thermal Control. This parameter assumes the value loaded with TC K0007 Enter Extraheating Mode. When temperature goes below this value, EMCR commands EMAE to switch-on the Annealing Heater.

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1425	CAnn.Max.Tem.Set	V	degC	3	4	8						

Setting of the rough Focal Plane Maximum Temperature used by the EMCR Annealing Thermal Control. This parameter assumes the values loaded with TC K0007 Enter Extraheating Mode. When temperature goes above this value, EMCR commands EMAE to switch-off the Annealing Heater.

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1426	CFWStatusTimeOut	V	n/a	2	1	1						

Time-out status for the Filter Wheel movement.

RAW VALUE	MEANING
0	NoTimeoutErr
1	TimeoutError

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1427	C FWStatusPosErr	V	n/a	2	1	1						

Position Error parameter for the Filter Wheel.

RAW VALUE	MEANING
0	In Position
1	Out Position

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1428	CFWStatusEMReqSt	V	n/a	3	7	11						

Number of Filter Wheel steps (calculated by EMCR CTR and asked to EMAE) necessary to reach the required FW position. This parameter depends on TCs K0084/85.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1429	C Rej DH Cm Cnt	V	n/a	3	4	8						

Counter of the Rejected EMDH Commands due to reception timeout expiration

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1430	C Last Ac DH Com	V	n/a	3	4	8						

Command Identifier of the last accepted EMCR command (with the exception of the H/K Request Command).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1431	C EDU Cm OK Cnt	V	n/a	3	4	8						

Number of EMCR EDU commands successfully executed.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1432	C EDU Cm Rec Cnt	V	n/a	3	4	8						

Number of EMCR EDU commands successfully executed during the automatic retry procedure foreseen in case of a command rejection.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1433	C EDU Cm Rej Cnt	V	n/a	3	4	8						

Number of the EMCR EDU Commands rejected even after the automatic retry procedure.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1434	C EDUTabLoaOKCnt	V	n/a	3	4	8						

Number of the EMCR EDU Table Loading Commands successfully executed.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1435	CEDUTabLoaRecCnt	V	n/a	3	4	8						

Number of the EMCR EDU Table Loading Commands successfully executed during the automatic retry procedure.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1436	CEDUTabLoaRejCnt	V	n/a	3	4	8						

Number of the EMCR EDU Table Loading Commands rejected even after the automatic retry procedure.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1437	C FIFOEDUCmRej16	V	n/a	3	4	8						

Code of the last command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1438	C FIFOEDUCmRej15	V	n/a	3	4	8						

Code of the last-1 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1439	C FIFOEDUCmRej14	V	n/a	3	4	8						

Code of the last-2 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1440	C FIFOEDUCmRej13	V	n/a	3	4	8						

Code of the last-3 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1441	C FIFOEDUCmRej12	V	n/a	3	4	8						

Code of the last-4 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1442	C FIFOEDUCmRej11	V	n/a	3	4	8						

Code of the last-5 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1443	C FIFOEDUCmRej10	V	n/a	3	4	8						

Code of the last-6 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1444	C FIFOEDUCmRej9	V	n/a	3	4	8						

Code of the last-7 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1445	C FIFOEDUCmRej8	V	n/a	3	4	8						

Code of the last-8 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1446	C FIFOEDUCmRej7	V	n/a	3	4	8						

Code of the last-9 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1447	C FIFOEDUCmRej6	V	n/a	3	4	8						

Code of the last-10 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1448	C FIFOEDUCmRej5	V	n/a	3	4	8						

Code of the last-11 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1449	C FIFOEDUCmRej4	V	n/a	3	4	8						

Code of the last-12 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1450	C FIFOEDUCmRej3	V	n/a	3	4	8						

Code of the last-13 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1451	C FIFOEDUCmRej2	V	n/a	3	4	8						

Code of the last-14 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1452	C FIFOEDUCmRej1	V	n/a	3	4	8						

Code of the last-15 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1453	C EMAE Cm OK Cnt	V	n/a	3	4	8						

Number of EMAE Commands successfully sent by EMCR.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1454	CEMAE Cm Rec Cnt	V	n/a	3	4	8						

Number of EMAE Commands successfully sent by EMCR during the automatic retry procedure foreseen in case of a command rejection.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1455	CEMAE Cm Rej Cnt	V	n/a	3	4	8						

Number of EMAE Commands sent by EMCR and rejected even after the automatic retry procedure.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1456	CEMAESeqLoaOKCn	V	n/a	3	4	8						

Number of EMAE Sequence Loading Commands successfully sent by EMCR.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1457	CEMAESeqLdRecCnt	V	n/a	3	4	8						

Number of EMAE Sequence Loading Commands successfully sent by EMCR during the automatic retry procedure.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1458	CEMAESeqLdRejCnt	V	n/a	3	4	8						

Number of EMAE Sequence Loading Commands sent by EMCR and rejected even after the automatic retry procedure.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1459	CFIFOEMAECmRej1	V	n/a	3	4	8						

Code of the last command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1460	CFIFOEMAECmRej1	V	n/a	3	4	8						

Code of the last-1 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1461	CFIFOEMAECmRej1	V	n/a	3	4	8						

Code of the last-2 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1462	CFIFOEMAECmRej1	V	n/a	3	4	8						

Code of the last-3 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1463	CFIFOEMAECmRej1	V	n/a	3	4	8						

Code of the last-4 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1464	CFIFOEMAECmRej1	V	n/a	3	4	8						

Code of the last-5 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1465	CFIFOEMAECmRej1	V	n/a	3	4	8						

Code of the last-6 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1466	CFIFOEMAECmRej9	V	n/a	3	4	8						

Code of the last-7 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1467	CFIFOEMAECmRej8	V	n/a	3	4	8						

Code of the last-8 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1468	CFIFOEMAECmRej7	V	n/a	3	4	8						

Code of the last-9 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1469	CFIFOEMAECmRej6	V	n/a	3	4	8						

Code of the last-10 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1470	CFIFOEMAECmRej5	V	n/a	3	4	8						

Code of the last-11 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1471	CFIFOEMAECmRej4	V	n/a	3	4	8						

Code of the last-12 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1472	CFIFOEMAECmRej3	V	n/a	3	4	8						

Code of the last-13 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1473	CFIFOEMAECmRej2	V	n/a	3	4	8						

Code of the last-14 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1474	CFIFOEMAECmRej1	V	n/a	3	4	8						

Code of the last-15 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1475	C BootS/Wversion	V	n/a	3	4	8						

This parameter reports the current version of the S/W contained in the Boot PROM memories.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1476	C RAM SW version	V	n/a	3	4	8						

This parameter reports the current version of the S/W contained in the Program RAM memories.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1477	C PW ON Test RAM	V	n/a	2	1	1						

EMCR RAM P/W On test result

RAW VALUE	MEANING
0	Failed
1	Passed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1478	CPWONTestROMBo	V	n/a	2	1	1						

EMCR PROM boot checksum test result

RAW VALUE	MEANING
0	Failed
1	Passed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1479	CPWONTestROMPr	V	n/a	2	1	1						

EMCR PROM program checksum test result

RAW VALUE	MEANING
0	Failed
1	Passed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1480	CPWONTestRAMPr	V	n/a	2	1	1						

EMCR RAM program checksum test result

RAW VALUE	MEANING
0	Failed
1	Passed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1481	C Group 1 EITF	V	n/a	2	1	1						

Occurrence of Extended Integration Time situation in the EMAE sequencers 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
K1482	C Operating Mode	V	n/a	2	4	4						

EMCR operating mode.

RAW VALUE	MEANING
0	Initializat.
1	Stand-By
2	Observation
3	Test
4	Annealing

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1483	TC SequenceCount	V	n/a	3	12	16						

Sequence Count of the last successfully executed TC.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1484	EMDH Task Ident.	V	n/a	3	12	16						

Identifier of the EMDH Task found in Minor or Major Overrun.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1486	HBR Identifier	V	n/a	3	12	16						

Identifier of the HBR channel with FIFO full

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1487	HBR7 Bright P.N.	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1488	HBR8 Bright P.N.	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1489	HBR 1 Active	V	n/a	2	1	1						

This parameter indicates the 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
K1490	HBR 2 Active	V	n/a	2	1	1						

This parameter indicates the 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
K1491	HBR 3 Active	V	n/a	2	1	1						

This parameter indicates the 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
K1492	HBR 4 Active	V	n/a	2	1	1						

This parameter indicates the 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
K1493	HBR 5 Active	V	n/a	2	1	1						

This parameter indicates the activation status of HBR 5.

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1494	HBR 6 Active	V	n/a	2	1	1						

This parameter indicates the activation status of HBR 6.

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1495	HBR 7 Active	V	n/a	2	1	1						

This parameter indicates the activation status of HBR 7.

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1496	HBR 8 Active	V	n/a	2	1	1						

This parameter indicates the activation status of HBR 8.

RAW VALUE	MEANING
0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1497	HBR 1 Processing	V	n/a	2	0	16						

This field contains information about the current operating mode selected for HBR 1 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1498	HBR 2 Processing	V	n/a	2	0	16						

This field contains information about the current operating mode selected for HBR 2 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1499	HBR 3 Processing	V	n/a	2	0	16						

This field contains information about the current operating mode selected for HBR 3 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1500	HBR 4 Processing	V	n/a	2	0	16						

This field contains information about the current operating mode selected for HBR 4 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1501	HBR 5 Processing	V	n/a	2	0	16						

This field contains information about the current operating mode selected for HBR 5 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1502	HBR 6 Processing	V	n/a	2	0	16						

This field contains information about the current operating mode selected for HBR 6 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1503	HBR 7 Processing	V	n/a	2	0	16						

This field contains information about the current operating mode selected for HBR 7 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1504	HBR 8 Processing	V	n/a	2	0	16						

This field contains information about the current operating mode selected for HBR 8 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1505	HBR1BufferStartA	V	n/a	3	14	32						

HBR 1 buffer start address.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1506	HBR1BufferEndAdd	V	n/a	3	14	32						

HBR 1 buffer end address.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1507	HBR2BufferStartA	V	n/a	3	14	32						

HBR 2 buffer start address.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1508	HBR2BufferEndAdd	V	n/a	3	14	32						

HBR 2 buffer end address.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1509	HBR3BufferStartA	V	n/a	3	14	32						

HBR 3 buffer start address.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1510	HBR3BufferEndAdd	V	n/a	3	14	32						

HBR 3 buffer end address.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1511	HBR4BufferStartA	V	n/a	3	14	32						

HBR 4 buffer start address.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1512	HBR4BufferEndAdd	V	n/a	3	14	32						

HBR 4 buffer end address.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1513	HBR5BufferStartA	V	n/a	3	14	32						

HBR 5 buffer start address.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1514	HBR5BufferEndAdd	V	n/a	3	14	32						

HBR 5 buffer end address.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1515	HBR6BufferStartA	V	n/a	3	14	32						

HBR 6 buffer start address.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1516	HBR6BufferEndAdd	V	n/a	3	14	32						

HBR 6 buffer end address.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1517	HBR7BufferStartA	V	n/a	3	14	32						

HBR 7 buffer start address.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1518	HBR7BufferEndAdd	V	n/a	3	14	32						

HBR 7 buffer end address.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1519	HBR8BufferStartA	V	n/a	3	14	32						

HBR 8 buffer start address.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1520	HBR8BufferEndAdd	V	n/a	3	14	32						

HBR 8 buffer end address.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1521	HBR1 Bright P.N.	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1522	HBR1 Low Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1523	HBR1 Upp Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1524	HBR2 Low Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1525	HBR2 Upp Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1526	HBR3 Low Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1527	HBR3 Upp Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1528	HBR4 Low Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1529	HBR4 Upp Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1530	HBR5 Low Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1531	HBR5 Upp Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1532	HBR6 Low Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1533	HBR6 Upp Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1534	HBR7 Low Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1535	HBR7 Upp Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1536	HBR8 Low Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1537	HBR8 Upp Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1538	FastPatternThres	V	n/a	3	12	16						

This parameter is the Pattern Threshold set in Timing mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1539	DeicinLowTempLim	V	degC	3	4	8						

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1540	DeicinUppTempLim	V	degC	3	4	8						

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1541	DeconLowTempLim	V	degC	3	4	8						

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1542	DeconUppTempLim	V	degC	3	4	8						

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1543	AnnealLowTempLim	V	degC	3	4	8						

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1544	AnnealUppTempLim	V	degC	3	4	8						

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1545	DeicinConfThCont	V	n/a	2	0	16						

Configuration of the Thermal Control Heater Relay in Deicing Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1546	DeicinConfShroud	V	n/a	2	0	16						

Configuration of the Secondary Shroud Heater Relay in Deicing Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1547	DeicinConfAnneal	V	n/a	2	0	16						

Configuration of the Annealing Heater Relay in Deicing Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1548	DecontConfThCont	V	n/a	2	0	16						

Configuration of the Thermal Control Heater Relay in Decontamination Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1549	DecontConfShroud	V	n/a	2	0	16						

Configuration of the Secondary Shroud Heater Relay in Decontamination Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1550	DecontConfAnneal	V	n/a	2	0	16						

Configuration of the Annealing Heater Relay in Decontamination Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1551	AnnealConfThCont	V	n/a	2	0	16						

Configuration of the Thermal Control Heater Relay in Annealing Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1552	AnnealConfShroud	V	n/a	2	0	16						

Configuration of the Secondary Shroud Heater Relay in Annealing Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1553	AnnealConfAnneal	V	n/a	2	0	16						

Configuration of the Annealing Heater Relay in Annealing Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1554	UppMonTempLimits	V	degC	3	4	8						

Upper Monitoring Temperature Limit in normal operating temperature control

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 0.357) - 159

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1555	LowMonTempLimits	V	degC	3	4	8						

Lower Monitoring Temperature Limit in normal operating temperature control

CALIBRATION CURVE   Eng. Value [°C] = (Binary Value * 0.357) - 159

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1556	HBR2 Bright P.N.	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1557	HBR3 Bright P.N.	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1558	HBR4 Bright P.N.	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1559	HBR5 Bright P.N.	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1560	HBR6 Bright P.N.	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1561	IC Valid Events	V	n/a	3	12	16						

Valid Events collected during the Imaging Counting mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1562	ICRejEventsLowTh	V	n/a	3	12	16						

Events Rejected because below the Low Threshold during the Imaging Counting mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1563	ICRejEventsUppTh	V	n/a	3	12	16						

Events Rejected because over the Upper Threshold during the Imaging Counting mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1564	ICRejectedFrames	V	n/a	3	12	16						

Rejected Frames during the Imaging Counting mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1565	ICountModeStartT	V	n/a	9	5	48						

Imaging Counting Mode Start Time

RAW VALUE   **MEANING**

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1566	ICountModeStopT	V	n/a	9	5	48						

Imaging Counting Mode Stop Time

RAW VALUE   **MEANING**

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1567	TC Valid Events	V	n/a	3	12	16						

Valid Events collected during the Timing Counting mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1568	TCRejEventsLowTh	V	n/a	3	12	16						

Events Rejected because below the Lower Threshold during the Timing Counting mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1569	TCRejEventsUppTh	V	n/a	3	12	16						

Events Rejected because over the Upper Threshold during the Timing Counting mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1570	TCRejectedFrames	V	n/a	3	12	16						

Frames Rejected during the Timing Counting mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1571	TCountModeStartT	V	n/a	9	5	48						

Timing Counting Mode Start Time

RAW VALUE   **MEANING**

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1572	TCountModeStopT	V	n/a	9	5	48						

Timing Counting Mode Stop Time

RAW VALUE   **MEANING**

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1573	C Cou OBT Res Ti	V	sec	9	5	48						

This parameter reports the EMDH On Board Time sampled when the last reset of the Course EMCR On Board Time occured

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1574	D Cmode Start Ti	V	sec	9	5	48						

EMDH Counting Mode Start Time

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1575	D Cmode Stop Tim	V	sec	9	5	48						

EMDH Counting Mode Stop Time

RAW VALUE	MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1586	AAnCh1/2DataBySe	V	n/a	2	1	1						

This parameter indicates if the Low or the High Byte of the addressed word data is shown in parameter AAnCh1/2LoadData (E1125).

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1587	AAnCh3/4DataBySe	V	n/a	2	1	1						

This parameter indicates if the Low or the High Byte of the addressed word data is shown in parameter AAnCh3/4LoadData (E1208).

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1588	AAnCh5/6DataBySe	V	n/a	2	1	1						

This parameter indicates if the Low or the High Byte of the addressed word data is shown in parameter AAnCh5/6LoadData (E1251).

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1589	AAnCh7/8DataBySe	V	n/a	2	1	1						

This parameter indicates if the Low or the High Byte of the addressed word data is shown in parameter AAnCh7/8LoadData (E1309).

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1590	A SeqFW DataBySe	V	n/a	2	1	1						

This parameter indicates if the Low or the High Byte of the addressed word data is shown in parameter ASeqFWLoadData (E1129).

RAW VALUE	MEANING
0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1592	C AnCh3/4 SeqRam	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 3/4 Sequencer Ram (Load/Run). This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	Load
1	Run

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1593	CAnCh3/4InbCtrlC	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 3/4 Port Inhibit On/Off Control C. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1594	CAnCh3/4InbCtrlB	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 3/4 Port Inhibit On/Off Control B. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1595	CAnCh3/4InbCtrlA	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 3/4 Port Inhibit On/Off Control A. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1596	CAnCh3/4IntSimul	V	n/a	2	3	3						

This parameter reports if the Analogue Chain 3/4 or the Internal Simulator has been programmed in the EMCR as Chain Input. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	ChainNorNod0
1	ChainNorNod1
2	Chain/10Nod0
3	Chain/10Nod1
4	SimulatorMax
5	Simulator_/2
6	Simulator_/4
7	Simulator_/8

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1599	C AnCh1/2 SeqRam	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 1/2 Sequencer Ram (Load/Run). This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	Load
1	Run

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1600	CAnCh1/2InbCtrlC	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 1/2 Port Inhibit On/Off Control C. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1601	CAnCh1/2InbCtrlB	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 1/2 Port Inhibit On/Off Control B. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1602	CAnCh1/2InbCtrlA	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 1/2 Port Inhibit On/Off Control A. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1603	CAnCh1/2IntSimul	V	n/a	2	3	3						

This parameter reports if the Analogue Chain 1/2 or the Internal Simulator has been programmed in the EMCR as Chain Input. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	ChainNorNod0
1	ChainNorNod1
2	Chain/10Nod0
3	Chain/10Nod1
4	SimulatorMax
5	Simulator_/2
6	Simulator_/4
7	Simulator_/8

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1606	C AnCh7/8 SeqRam	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 7/8 Sequencer Ram Load/Run. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	Load
1	Run

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1607	CAnCh7/8InbCtrlC	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 7/8 Port Inhibit On/Off Control C. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1608	CAnCh7/8InbCtrlB	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 7/8 Port Inhibit On/Off Control B. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1609	CAnCh7/8InbCtrlA	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 7/8 Port Inhibit On/Off Control A. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1610	CAnCh7/8IntSimul	V	n/a	2	3	3						

This parameter reports if the Analogue Chain 7/8 or the Internal Simulator has been programmed in the EMCR as Chain Input. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	ChainNorNod0
1	ChainNorNod1
2	Chain/10Nod0
3	Chain/10Nod1
4	SimulatorMax
5	Simulator_/2
6	Simulator_/4
7	Simulator_/8

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1613	C AnCh5/6 SeqRam	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 5/6 Sequencer Ram (Load/Run). This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	Load
1	Run

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1614	CAnCh5/6InbCtrlC	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 5/6 Port Inhibit On/Off Control C. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1615	CAnCh5/6InbCtrlB	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 5/6 Port Inhibit On/Off Control B. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1616	CAnCh5/6InbCtrlA	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 5/6 Port Inhibit On/Off Control A. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1617	CAnCh5/6IntSimul	V	n/a	2	3	3						

This parameter reports if the Analogue Chain 5/6 or the Internal Simulator has been programmed in the EMCR as Chain Input. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	ChainNorNod0
1	ChainNorNod1
2	Chain/10Nod0
3	Chain/10Nod1
4	SimulatorMax
5	Simulator_/2
6	Simulator_/4
7	Simulator_/8

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1624	CFWExAbsPosition	V	n/a	2	3	3						

This parameter reports the EMCR expected value of the Filter Wheel absolute position. The value of this parameter depends on TCs K0084-85.

RAW VALUE	MEANING
0	Open
1	Filter D
2	Filter C
3	Filter B
4	Filter A
5	Closed
6	IllegalValue
7	Not Valid CS

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1625	CFWExpRedStopSen	V	n/a	2	1	1						

This field contains the EMCR expected value of the Filter Wheel redundant Stop Sensor.

RAW VALUE	MEANING
0	In Position
1	Out Position

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1626	C Group 2 EITF	V	n/a	2	1	1						

Occurrence of Extended Integration Time situation in the EMAE sequencers 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
K1627	C Group 3 EITF	V	n/a	2	1	1						

Occurrence of Extended Integration Time situation in the EMAE sequencers 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
K1628	C Group 4 EITF	V	n/a	2	1	1						

Occurrence of Extended Integration Time situation in the EMAE sequencers 4.

RAW VALUE	MEANING
0	Not Occured
1	Occured

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1633	FirstLBRfailure	V	n/a	2	0	16	none				none	none

Reason of the first attempt failure on LBR

RAW VALUE	MEANING
17	WrongChecks.
34	OVflowLCleng
51	Time-outErr.
68	LC running
250	busyLBR

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1634	SecondLBRfailure	V	n/a	2	0	16	none				none	none

Reason of the second attempt failure on LBR

RAW VALUE	MEANING
17	WrongChecks.
34	OVflowLCleng
51	Time-outErr.
68	LC running
250	busyLBR

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1635	ThirdLBRfailure	V	n/a	2	0	16	none				none	none

Reason of the third attempt failure on LBR

RAW VALUE	MEANING
17	WrongChecks.
34	OVflowLCleng
51	Time-outErr.
68	LC running
250	busyLBR

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1636	FourthLBRfailure	V	n/a	2	0	16	none				none	none

Reason of the fourth attempt failure on LBR

RAW VALUE	MEANING
17	WrongChecks.
34	OVflowLCleng
51	Time-outErr.
68	LC running
250	busyLBR

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1637	LBRProtocolError	V	n/a	2	8	8	none				none	none

This parameter describes the type of the LBR protocol error on the TC unsuccessful execution

RAW VALUE	MEANING
51	4FailedAttem
68	LCBootPrgDis
85	LC
102	IllegLC code
119	LCcurrCTRdis
136	LCparaOutRan

153	LCexecFailed
170	OtherLC/Leng
250	NoEMCRrespo
251	Other Errors

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1638	Refusal Reason	V	n/a	2	0	16	none				none	none

Reason of the Mode transition refusal

RAW VALUE	MEANING
1	AutTransRun
2	NotAllowTra

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1639	LoadInitprocIdle	V	n/a	2	0	16	none				none	none

Loading of periodic initproc_idle process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1640	UnloadInitprIdle	V	n/a	2	0	16	none				none	none

Unloading of periodic initproc_idle process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1641	LoadExitPrimeFas	V	n/a	2	0	16	none				none	none

Loading of periodic exit_primefast process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1642	UnloadExPrimeFas	V	n/a	2	0	16	none				none	none

Unloading of periodic exit_primefast process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1643	UnloadPrimeFasPr	V	n/a	2	0	16	none				none	none

Unloading of periodic primefast_proc process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1644	UnloadUpdateHKpr	V	n/a	2	0	16	none				none	none

Unloading of periodic update_hk_count_proc process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1645	Cmd Stop OBS	V	n/a	2	0	16	none				none	none

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1646	LoadExitDiagProc	V	n/a	2	0	16	none				none	none

Loading of periodic exit_diag process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1647	UnloadExitDiagPr	V	n/a	2	0	16	none				none	none

Unloading of periodic exit_diag process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1648	UnloadDiagProc	V	n/a	2	0	16	none				none	none

Unloading of periodic diag_proc process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1649	LoadExitOVproces	V	n/a	2	0	16	none				none	none

Loading of periodic exit_ov process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1650	UnloadExitOVproc	V	n/a	2	0	16	none				none	none

Unloading of periodic exit_ov process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1651	Unload OV proces	V	n/a	2	0	16	none				none	none

Unloading of periodic ov_proc process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1652	LoadExitExtrhPro	V	n/a	2	0	16	none				none	none

Loading of periodic exit_extrah process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1653	UnloadExitExtrah	V	n/a	2	0	16	none				none	none

Unloading of periodic exit_extrah process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1654	CmdStopEMCRTemC	V	n/a	2	0	16	none				none	none

Command stop_EMCR_temp_control

RAW VALUE	MEANING
0	OK
1	Not OK
2	Not required

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1655	CmdSetEMAEctrlOn	V	n/a	2	0	16	none				none	none

Command Set EMAE Control ON

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1656	LoadExitIftProc	V	n/a	2	0	16	none				none	none

Loading of periodic exit_ift process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1657	UnloadExitIftPro	V	n/a	2	0	16	none				none	none

Unloading of periodic exit_ift process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1658	IFT Submode	V	n/a	2	0	16	none				none	none

RAW VALUE	MEANING
1	ift_emdh
2	ift_emcs

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1659	LoadInitProcSafe	V	n/a	2	0	16	none				none	none

Loading of periodic initproc_safe process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1660	UnloadInitPrSafe	V	n/a	2	0	16	none				none	none

Unlooading of periodic initproc_safe process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1661	CmdSetFPmainCtrl	V	n/a	2	0	16	none				none	none

Command Set Focal Plane Main Control

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1662	FWpositionClosed	V	n/a	2	0	16	none				none	none

This parameter reports if the Filter Wheel is in closed position or in a wrong/unknown position

RAW VALUE	MEANING
0	Closed
1	NotClosed/Un

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1663	UnlockSafeEmerge	V	n/a	2	0	16	none				none	none

Unlocking of periodic safe_emergency process

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1664	LockSafeEmergenc	V	n/a	2	0	16	none				none	none

Locking of periodic safe_emergency process

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1665	OutcomingSWmode	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
K1666	EMDHSWinSafeMode	V	n/a	2	0	16	none				none	none

This parameter reports if the EMDH SW is already in Safe mode or it is already entering in Safe mode

RAW VALUE	MEANING
0	False
1	True

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1667	Transition Abort	V	n/a	2	0	16	none				none	none

Abort of the running mode transition

RAW VALUE	MEANING
0	OK
1	Not OK
2	Not required

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1668	UnloadScientProc	V	n/a	2	0	16	none				none	none

Unloading of periodic scientific process (Observation, Diagnostic, OV) from APEX table (if required)

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1669	UnloadUpdateHKpr	V	n/a	2	0	16	none				none	none

Unloading of periodic update_hk_count_proc process from APEX table (if required)

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1670	LoadInitprPriFas	V	n/a	2	0	16	none				none	none

Loading of periodic initproc_primefast process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1671	UnloadInitPriFas	V	n/a	2	0	16	none				none	none

Unloading of periodic initproc_primefast process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1672	LoadPrimeFastPro	V	n/a	2	0	16	none				none	none

Loading of periodic primefast_proc process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1673	LoadUpdateHKcoun	V	n/a	2	0	16	none				none	none

Loading of periodic update_hk_count_proc process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1674	Cmd Start OBS	V	n/a	2	0	16	none				none	none

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1675	LoadDiagProcess	V	n/a	2	0	16	none				none	none

Loading of periodic diag_proc process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1676	ExpectedPixelNum	V	n/a	2	0	16	none				none	none

Error in the number of expected pixels

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1677	HBR Config Error	V	n/a	2	0	16	none				none	none

Error on HBR channel configuration

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1678	ReturnToIdleErro	V	n/a	2	0	16	none				none	none

Error on return to IDLE mode

RAW VALUE	MEANING
0	False
1	True

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1679	LoadInitDiagProc	V	n/a	2	0	16	none				none	none

Loading of periodic initprog_diag process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1680	UnloadIniDiagPro	V	n/a	2	0	16	none				none	none

Unloading of periodic initproc_diag process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1681	LoadOffVarProces	V	n/a	2	0	16	none				none	none

Loading of periodic ov_proc process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1682	LoadInitprocOfVa	V	n/a	2	0	16	none				none	none

Loading of periodic initproc_ov process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1683	UnloadInitprocOV	V	n/a	2	0	16	none				none	none

Unloading of periodic initproc_ov process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1684	Door Open Status	V	n/a	2	0	16	none				none	none

Error parameter on the Door status

RAW VALUE	MEANING
0	True
1	False

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1685	CCDs in off	V	n/a	2	0	16	none				none	none

This error parameter reports if the CCDs are off

RAW VALUE	MEANING
0	True
1	False

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1686	FPTempBelowSafTh	V	n/a	2	0	16	none				none	none

This error parameter reports if the Focal Plane Temperature is below the Safety Threshold

RAW VALUE	MEANING
0	False
1	True

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1687	CmdEMAE Ctrl Off	V	n/a	2	0	16	none				none	none

Command EMAE control off

RAW VALUE	MEANING
0	OK
1	Not OK
2	Not required

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1688	CmdStartEMCRtemp	V	n/a	2	0	16	none				none	none

Error parameter on Command Start EMCR Temperature Control

RAW VALUE	MEANING
0	OK
1	Not OK
2	Not required

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1689	FW position Open	V	n/a	2	0	16	none				none	none

This error parameter reports if the Filter Wheel is in Open position or in a different/unknown position

RAW VALUE	MEANING
0	Open
1	NotOpen/Un

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1690	LoadInitprExtrah	V	n/a	2	0	16	none				none	none

Loading of periodic initproc_extrah process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1691	UnloadInitprExtr	V	n/a	2	0	16	none				none	none

Unloading of periodic initproc_extrah process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1692	LoadInitprocIFT	V	n/a	2	0	16	none				none	none

Loading of periodic initproc_ift process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1693	UnloadInitprIFT	V	n/a	2	0	16	none				none	none

Unloading of periodic initproc_ift process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1694	MasInReEDACcheck	V	n/a	2	1	1	none				none	none

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1695	MasterInitRepBIT	V	n/a	2	1	1	none				none	none

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1696	MasInRepSPROMCR	V	n/a	3	12	16	none				none	none

Master Initialization Report sPROM crc

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1697	MasIniRepPROCcrc	V	n/a	3	12	16	none				none	none

Master Initialization Report PROC crc

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1698	MasIniRepRAMrslt	V	n/a	2	0	16	none				none	none

Master Initialization Report RAM result

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1699	MasInReFaultPGnm	V	n/a	3	12	16	none				none	none

Master Initialization Report Fault PGnm

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1700	MasInReFaultPGof	V	n/a	3	12	16	none				none	none

Master Initialization Report Fault Pgof

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1701	MasInitRepRAMcrc	V	n/a	3	12	16	none				none	none

Master Initialization Report RAM crc

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1702	SciInReEDACcheck	V	n/a	2	1	1	none				none	none

Scientific Initialization Report EDAC check

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1703	SciInitReportBIT	V	n/a	2	1	1	none				none	none

Scientific Initialization Report BIT

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1704	SciInitRepSPROM	V	n/a	3	12	16	none				none	none

Scientific Initialization Report sPROM

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1705	SciInitRepRAMcrc	V	n/a	3	12	16	none				none	none

Scientific Initialization Report RAM crc

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1706	LoadResidPerProc	V	n/a	2	0	16	none				none	none

Loading of resident periodic process into APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1707	ThermControlFlag	V	n/a	2	0	16	none				none	none

This thermal control flag is set to 1 if HK data from EMCR are not available or one LC is failed

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1708	UnloadInitpr1ssb	V	n/a	2	0	16	none				none	none

Unload of periodic initproc_firstssb process from APEX table

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1709	AutomTransReason	V	n/a	2	0	16	none				none	none

Reason of the automatic transition

RAW VALUE	MEANING
1	OBDH loss
2	ErrDiagnProc
3	EndDiagnProc
4	ErrorO/Vproc
5	End O/V Proc

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1710	EMCR HK DataFlag	V	n/a	2	0	16	none				none	none

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1711	SwitchIdentifier	V	n/a	2	0	16	none				none	none

RAW VALUE	MEANING
2560	Door
2816	VentingValve
3072	Annealing
3328	SecondShroud
3584	FW Coil 1
3840	FW Coil 2

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1712	AnnealSwitchStat	V	n/a	2	8	8	none				none	none

Status of the EMDH Annealing switch

RAW VALUE	MEANING
0	Open
1	Closed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1713	SecondShroudStat	V	n/a	2	8	8	none				none	none

Status of the EMDH Secondary Shroud switch

RAW VALUE	MEANING
0	Open
1	Closed