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| Publication Year | 2015 |
| Acceptance in OA @INAF | 2020-04-08T16:50:29Z |
| Title | VizieR Online Data Catalog: Characterization of Herschel SPIRE FTS (Hopwood+, 2015) |
| Authors | Hopwood, R.; Polehampton, E. T.; Valtchanov, I.; Swinyard, B. M.; Fulton, T.; et al. |
| Handle | http://hdl.handle.net/20.500.12386/23938 |

repeatability is better than 6 percent, which improves to 1.2 percent for spectra corrected for pointing offsets. The continuum repeatability is 4.4 percent for the SPIRE Long Wavelength spectrometer (SLW) band and 13.6 percent for the SPIRE Short Wavelength spectrometer (SSW) band, which reduces to ~1 percent once the data have been corrected for pointing offsets. Observations of dark sky were used to assess the sensitivity and the systematic offset in the continuum, both of which were found to be consistent across the FTS-detector arrays. The average point-source calibrated sensitivity for the centre detectors is 0.20 and 0.21Jy [1 σ ; 1h], for SLW and SSW. The average continuum offset is 0.40Jy for the SLW band and 0.28Jy for the SSW band.

Description:

Tables summarizing the FTS observations used.

File Summary:

| FileName | Lrecl | Records | Explanations |
|----------------------------|-------|---------|---|
| ReadMe | 80 | . | This file |
| tableb.dat | 69 | 408 | AFGL2688, AFGL4106, CRL618, NGC7027, NGC6302, R Dor, CW Leo, VY CMa, Uranus, Neptune, Mars, Saturn, Ceres, Hebe, Hygiea, Juno and Vesta observations taken after OD 189 (tables B1-B20) |

Byte-by-byte Description of file: [tableb.dat](#)

| Bytes | Format | Units | Label | Explanations |
|--------|--------|------------------------|---------|---------------------------------------|
| 1- 9 | A9 | --- | Name | Source name |
| 11- 23 | A13 | --- | Mode | Mode (1) |
| 25- 28 | I4 | --- | OD | Herschel operational day |
| 30- 39 | A10 | "date" | Date | Observation date (DD-MM-YYYY) |
| 41- 43 | I3 | --- | Reps | Number of repetitions |
| 45- 54 | I10 | --- | obsId | Herschel observation ID |
| 55- 57 | A3 | --- | n_obsId | Note on obsId (2) |
| 59- 60 | A2 | --- | Res | Commanded resolution |
| 62- 65 | F4.1 | arcsec | Poff | ? Pointing offset (3) |
| 67- 69 | F3.1 | arcsec | e_Poff | ? rms uncertainty on Poff |

Note (1): Modes as follows:

CR = CR nominal sparse
 CR/HR bright = CR/HR bright sparse
 HR = HR nominal sparse
 HR/CR = HR/CR nominal sparse

