

Filter	wavelength (micron)	Scan Speed (arcsec/s)	FWHM (arcsec)	PSF	Pixel-size (arcsec)	Flux units	Point-source sensitivity	Fits filename (standalone:)
PACS-70 (a)	70	20 60 (parallel mode) (b) Table 3.1	5.46 x 5.76 5.75 x 9.0 5.86 x 12.16 (parallel mode) (b) Table 3.1 .	(c) files	1.6 3.2 (parallel mode)	Jy/pixel	scan mapping (1 σ -1second) -> 30.6 mJy mini-scan mapping (5 σ -1hour) -> 4.7 mJy (d) Table 3.2	hpacs<OBSID>_20hpp pmapb_00_<ID> (e)
PACS-100 (a)	100		6.69 x 6.89 6.89 x 9.74 6.98 x 12.7 (parallel mode) (b) Table 3.1 .	(c) files	1.6 3.2 (parallel mode)		scan mapping (1 σ -1second) -> 36.0 mJy mini-scan mapping (5 σ -1hour) -> 5.5 mJy (d) Table 3.2	hpacs<OBSID>_20hpp pmapb_00_<ID> (e)
PACS-160 (a)	160		10.65 x 12.13 11.31 x 13.32 11.64 x 15.65 (parallel mode) (b) Table 3.1 .	(c) files	3.2		scan mapping (1 σ -1second) -> 68.5 mJy mini-scan mapping (5 σ -1hour) -> 10.5 mJy (d) Table 3.2	hpacs<OBSID>_20hpp pmapr_00_<ID> (e)
SPIRE-250 (f)	250	30 30 or 60 for parallel mode	17.6 (g) Table 2.1	(h) files	6	MJy/sr (calibrated with Planck)	1 σ instrument noise for one repeat: i.e., two cross-linked scans, A+B: 9.0 mJy (i) Table 4.1	hspirepsw<OBSID>_2 0pxmp_<ID> (e)
SPIRE-350 (f)	350		23.9 (g) Table 2.1	(h) files	10		1 σ instrument noise for one repeat: i.e., two cross-linked scans, A+B: 7.5 mJy (i) Table 4.1	hspirepmw<OBSID>_2 0pxmp_<ID> (e)
SPIRE-500 (f)	500		35.2 (g) Table 2.1	(h) files	14		1 σ instrument noise for one repeat: i.e., two cross-linked scans, A+B: 10.8 mJy (i) Table 4.1	hspireplw<OBSID>_20 pxmp_<ID> (e)

PACS(a) http://herschel.esac.esa.int/Docs/PACS/html/pacs_om.html(b) <http://herschel.esac.esa.int/Docs/PACS/html/ch03.html#tab:photoPSF>(c) <ftp://ftp.sciops.esa.int/pub/hsc-calibration/PACS/>(d) <http://herschel.esac.esa.int/Docs/PACS/html/ch03s05.html#tab:photosens>(e) Standalone products are available from : <http://archives.esac.esa.int/hsa/aio/doc/postcardGallery.html>**SPIRE**(f) http://herschel.esac.esa.int/Docs/SPIRE/spire_handbook.pdf(g) http://herschel.esac.esa.int/Docs/SPIRE/html/spire_om.html#x1-90002(h) <http://herschel.esac.esa.int/twiki/bin/view/Public/SPIREPhotometerBeamProfile>(i) http://herschel.esac.esa.int/Docs/SPIRE/html/spire_om.html#x1-640004.1

Instrument mode	Band (micron/GHz)	Lambda (units)	PSF	Flux Units	FOV	Line flux sensitivity RMS 5sigma/1hr, (W/m ²)	FITS filename (standalone for SPIRE, level 2.0 or 2.5 for PACS-S)
SPIRE FTS sparse (a)	SSW:191-318µm SLW:294-671µm (b) Table 4.2	GHz	(c) files	Jy	2.6' circle diameter (d) Section 2.3.2	SSW:1.56-2.15 SLW: 0.94-2.94 (e) Table 4.3	hspireunapod_<OBSID>_<RES>_20sds.fits_<ID> (f)
SPIRE FTS intermediate full (a)			(c) files	W/m ² /Hz/sr			hspireunapod<BAND><OBSID>_<RES>_20[ssc,spc]_<ID>=> unapodized spectral cube (f)
PACS-iine (g)	order 2(blue)+1(red): 71-105, 103-220 order 3(blue)+1(red): 51-73, 103-220 coverage (microns): 0.19-0.64(blue), 0.9-1.8(red) Bands: B2A (51-73), B2B(70-105), B3A(51-73) and R1(103-220) (h) Table 6.3	µm	9"-> 100µm 10"->120µm 11.5"->160µm 13"->180µm (i) Figure 4.11 (j) files	Jy	47x47 with 9.4" spaxels or larger for mapping observations (k) Figure 4.6	50-70µm =1e-17 70-100µm =0.4e-17 100-200µm =0.2e-17 (l) Figure 2	hpacs<obsid>_20hps<type>s_<number>.fits where type is 3deqdr/b r/b is red and blue, drizzled (mosaic) cube 3deqir/b, interpolated (mosaic or single pointing cube) 3deqpr/b, projected (mosaic or single pointing cube) tbrrr/b, table of spectra (m)
PACS-range (g)							order 2(blue)+1(red): 71-105, 103-220 order 3(blue)+1(red): 51-73, 103-220 coverage (microns): 0.19-0.64(blue), 0.9-1.8(red) Bands: B2A (51-73), B2B(70-105), B3A(51-73) and R1(103-220) (h) Table 6.6

SPIRE:

- (a) http://herschel.esac.esa.int/Docs/SPIRE/spire_handbook.pdf
 (b) http://herschel.esac.esa.int/Docs/SPIRE/html/spire_om.html#x1-660004.2
 (c) <ftp://ftp.sciops.esa.int/pub/hsc-calibration/SPIRE/SPEC/>
 (d) http://herschel.esac.esa.int/Docs/SPIRE/html/spire_om.html#x1-190002.3.2
 (e) http://herschel.esac.esa.int/Docs/SPIRE/html/spire_om.html#x1-690004.2.3
 (f) Standalone products are available from :
<http://archives.esac.esa.int/hsa/aio/doc/postcardGallery.html>

(*) For Raster observations, which can be sparse, intermediate or full, the FoV is user specified and is bigger than 2.6 arcmin.

PACS:

- (g) http://herschel.esac.esa.int/Docs/PACS/html/pacs_om.html
 (h) http://herschel.esac.esa.int/Docs/PACS/html/pacs_om.html
 (i) http://herschel.esac.esa.int/Docs/PACS/html/ch04s06.html#fig:perf-spectro_PSF_efficiencies
 (j) <http://herschel.esac.esa.int/wiki/bin/view/Public/PacsCalibrationWeb>
 (k) <http://herschel.esac.esa.int/Docs/PACS/html/ch04s05.html>
 (l) http://herschel.esac.esa.int/Docs/AOTsReleaseStatus/PACS_ChoppedLineRange_ReleaseNote_19Jan2010.pdf
 (m) There are not standalone products for PACS line and range spectroscopy in SPG v12.1. The 2.5 level data are available from HSA (Herschel science archive):
<http://www.cosmos.esa.int/web/herschel/science-archive>



Instrument mode	Band (micron/GHz)	Lambda (units)	PSF	Flux Units	FOV	Line sensitivity RMS 5sigma/Ta* (K)	FITS filename (standalone)
HIFI single point (a)	1-5 (488-1272 GHz or 236-614 mm) 6-7 (1430-1902 GHz or 158-210 mm) (b) Section 2.1	GHz	(c) files	K	1 single pixel per H and V polarisation	Bands 1-4: 10-50 mK Band 5: 90-150 mK Bands 6-7: 150-175 mK (Full time spent on target, Single Sideband scale, 1 MHz resolution, two polarisations averaged)	hhifi[hrs,wbs][h,v][usb,lsb]<obsid>_25ssv20_<time>.fits.gz (d)
HIFI spectral scan (a)			(c) files				hhifiwbs[h,v]usb<obsid>_25htpv20_<time>.fits.gz(d)
HIFI mapping (a)			(c) files				hhifi[wbs,hrs][h,v][usb,lsb]<subband><obsid>_25cube_<time>.fits.gz (d)

HIFI:(a) http://herschel.esac.esa.int/Docs/HIFI/pdf/hifi_om.pdf(b) <http://herschel.esac.esa.int/Docs/HIFI/html/ch2.html>(c) ftp://ftp.sciops.esa.int/pub/hsc-calibration/HIFI/BEAM_FILES/

(d) Standalone products are available from :

<http://archives.esac.esa.int/hsa/aio/doc/postcardGallery.html>