Document Title	Level	Instrument	Area	Topic	Sub-topics(s)	Applicability	Document Reference/Link	Date/version	HELL URL	DOI/Tiny URL	#	Authors	Notes
HIFI Handbook	1	HIFI	Overview	System			HERSCHEL-HSC-DOC-2097	18/12/2017, v2.1	https://www.cosmos.esa.int/documents/12133/996743/HERSCHEL+EXPLANATORY+SUPPLEMENT+VOLUME+II+-+THE+HETERODYNE+INSTRUMENT+FOR+THE+FAR+INFRARED+%28HIFI%29+HANDBOOK	https://tinyurl.com/ts58547	HIFI-1	David Teyssier et al.	
HIFI Beam Release	1	HIFI	Calibration	PSF			HIFI Beam Release	01/10/2014, v1.1	https://www.cosmos.esa.int/documents/12133/996743/The+HIFI+Beam+-+Release+No1+Release+Note+for+Astronomers	https://tinyurl.com/wjn3juw	HIFI-10	M.Muelller, W. Jellema, Michael Olberg, R. Moreno, David Teyssier	
HIFI in-flight calibration accuracy	1	HIFI	Calibration	Performance			In preparation	In preparation			HIFI-11	David Teyssier	
Derivation of sideband gains for Herschel/HIFI	1	HIFI	Calibration	Performance			2017, A&A...	2017	https://www.aanda.org/component/article?access=doi&doi=10.1051/0004-6361/201629553	https://doi.org/10.1051/0004-6361/201629553	HIFI-12	D. Kester, R. Higgins, D. Teyssier	
HIFI pipeline for Astronomers	1	HIFI	Data processing	Software			A&A, 608 (2017) A49	2017	https://www.aanda.org/articles/aa/abs/2017/12/aa31385-17/aa31385-17.html	https://doi.org/10.1051/0004-6361/201731385	HIFI-13	Shipman, R. et al.	
HIFI Data Reduction Guide	1	HIFI	Data processing	Data Analysis			HIFI Data Reduction Guide	29/02/2016	https://www.cosmos.esa.int/documents/12133/996743/The+HIFI+Data+Reduction+Guide	https://tinyurl.com/tu92b67	HIFI-14	HIFI Editorial Board	
All HIFI documentation in HELL spreadsheet (Excel)	1	HIFI	Overview	HELL			HERSCHEL-HSC-DOC-2157	07/03/2017	https://www.cosmos.esa.int/documents/12133/996743/HIFI+document+registry+spreadsheet	https://tinyurl.com/ru67ccw	HIFI-147	Miriam Rengel, David Teyssier et al.	
All HIFI documentation in HELL spreadsheet (CSV)	1	HIFI	Overview	HELL			HERSCHEL-HSC-DOC-2158	07/03/2017	https://www.cosmos.esa.int/documents/12133/996743/HIFI+document+registry+spreadsheet+CSV+format	https://tinyurl.com/rqaxhrj	HIFI-148	Miriam Rengel, David Teyssier et al.	
Data Analysis Guide	1	HIFI	Data processing	Data Analysis			Data Analysis Guide	07/12/2016	https://www.cosmos.esa.int/documents/12133/996743/Data+Analysis+Guide	https://tinyurl.com/qlydq6y	HIFI-15	HSC	
All HIFI documentation in HELL spreadsheet (PDF)	1	HIFI	Overview	Documentation	HELL		HERSCHEL-HSC-DOC-2203	2017	https://www.cosmos.esa.int/documents/12133/996743/HIFI+document+registry+spreadsheet+PDF+format/eb1a0aa3-7745-074f-d74a-cc1ec2efce3a	https://tinyurl.com/th5m2d6	HIFI-150	Miriam Rengel	
HIFI Products Explained	1	HIFI	Data products	Data products			HERSCHEL-HSC-DOC-2174	16/01/2018, v1.2	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Products+Explained	https://tinyurl.com/vfjfmuq	HIFI-155	Sylvie Beaulieu & David Teyssier	
HIFI-HSA Flyer	1	HIFI	Data processing	Data products			Flyer	2012	https://docs.google.com/presentation/d/13k6vZPJhOGzEJk4L8jfhRXxaiITI-HlMKtMUnOTJ0cg/present?ueb=true&slide=id.gade7ff474_5_30	https://tinyurl.com/qtq66mb	HIFI-17	HSC	
HIFI Pipeline Specification	1	HIFI	Data processing	Software			HIFI Pipeline Specification	20/11/2015	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Pipeline+Specification	https://tinyurl.com/wbtwuyn	HIFI-18	HIFI Editorial Board	
The Heterodyne Instrument for the Far-Infrared (HIFI)	1	HIFI	Overview	System			2010A&A...518L...6D	2010	https://ui.adsabs.harvard.edu/abs/2010A%26A...518L...6D/abstract	http://dx.doi.org/10.1051/0004-6361/201014698	HIFI-2	de Graauw et al.	
In-orbit performance for Herschel-HIFI	1	HIFI	Calibration	Performance			2012A&A...537A..17R	2012	https://ui.adsabs.harvard.edu/abs/2012A%26A...537A..17R/abstract	http://dx.doi.org/10.1051/0004-6361/201015120	HIFI-3	Roelfsema et al.	
HIFI Science User Requirements Document	1	HIFI	Overview	System			HIFI Science User Requirements Document	27/06/2000, v1.3	https://www.cosmos.esa.int/documents/12133/996743/Science+User+Requirements+Document	https://tinyurl.com/umwdllj	HIFI-4	A. Tielens & Frank Helmich	
HIFI fact sheet	1	HIFI	Overview	System			HIFI fact sheet	01/05/2010	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Flver	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Flver	HIFI-5	HSC	
HIFI Quick Start Guide	1	HIFI	Overview	System			HERSCHEL-HSC-DOC-2129	16/01/2018, v1.2	https://www.cosmos.esa.int/documents/12133/996743/QUICK-START+GUIDE+TO+HERSCHEL-HIFI	https://tinyurl.com/r8x8rrl	HIFI-6	David Teyssier	
The intensity calibration for HIFI	1	HIFI	Calibration	Intensity			ALMA Memo 442.1	08/01/2003	https://www.cosmos.esa.int/documents/12133/996743/The+intensity+calibration+for+HIFI	https://tinyurl.com/qlankfb	HIFI-7	Volker Ossenkopf	
Spatial Calibration Framework document	1	HIFI	Calibration	Spatial calibration			Spatial Calibration Framework Document	27/03/2008, v1.9	https://www.cosmos.esa.int/documents/12133/996743/Spatial+Response	https://tinyurl.com/ufkejaz	HIFI-8	C. Kramer	
Frequency Calibration Framework document	1	HIFI	Calibration	Spectroscopy			L3AB/HIFI/CAL/2003-02	30/09/2003, v0.2	https://www.cosmos.esa.int/documents/12133/996743/Frequency+Calibration+Framework+document	https://tinyurl.com/s9bqyor	HIFI-9	F. Herpin & D. Teyssier	
HIFI Gas Cell Data in the HSA	2	HIFI	Data products	Ancillary Data Products			HIFI Gas Cell Data in the HSA	28/01/2016, v0.3	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Gas+Cell+Data+in+the+HSA	https://tinyurl.com/rmmbmk2	HIFI-113	Michael Olberg	
Known Data Processing issues in HIFI products generated with old pipeline versions	2	HIFI	Data processing	Software			HERSCHEL-HSC-TN-2173	24/04/2017, v1.0	https://www.cosmos.esa.int/documents/12133/996743/Known+Data+Processing+issues+in+HIFI+products+generated+with+old+pipeline+versions	https://tinyurl.com/v28wpj9	HIFI-149	D. Teyssier	
ADP Release Note: HIFI OBSW Images	2	HIFI	Data products	Ancillary Data Products			ADP Release Note: HIFI OBSW Images	2016	http://archives.esac.esa.int/hsa/legacy/ADP/HIFI/HIFI_OBSW/README.html	https://tinyurl.com/sn279xp	HIFI-151	D. Teyssier	
ADP Release Note: HIFI LCU SW and Tables	2	HIFI	Data products	Ancillary Data Products			HERSCHEL-HSC-DOC-2104	05/12/2016, v1.1	http://archives.esac.esa.int/hsa/legacy/ADP/HIFI/HIFI_LCUSW/README.html	https://tinyurl.com/tomy7qh	HIFI-152	D. Teyssier	
ADP Release Note: HIFI WBS SEU Monitoring Data Products	2	HIFI	Data products	Ancillary Data Products			ADP Release Note: HIFI WBS SEU Monitoring Data Products	2017	http://archives.esac.esa.int/hsa/legacy/ADP/HIFI/HIFI_WBS_zero_comb_DB/	https://tinyurl.com/u4jln8l	HIFI-153	David Teyssier & Volker Ossenkopf	
HPDP Release note: Spectral Line Catalogue from Herschel-HIFI ReadMe	2	HIFI	Data products	Highly Processed Data Products			ReadMe	18/01/2018	https://www.cosmos.esa.int/web/herschel/hifi-spectral-line-catalogue	https://tinyurl.com/wzrqawd	HIFI-156	D. Teyssier & L. Benamati	
HPDP Release note: Spectral Line Catalogue from Herschel-HIFI Data	2	HIFI	Data products	Highly Processed Data Products			Data		http://archives.esac.esa.int/hsa/legacy/HPDP/.forHSA/HIFI_line_catalogue.tar.gz	https://doi.org/10.5270/esa-ffbk1wu	HIFI-157	D. Teyssier & L. Benamati	
HPDP Release Note: Herschel/HIFI Spectral Map	2	HIFI	Data products	Highly Processed Data Products			HERSCHEL-HSC-DOC-2122	18/07/2018, v1.2	https://www.cosmos.esa.int/documents/12133/996743/Highly+Processed+Data+Products+Release+Notes+-+Herschel-HIFI+Spectral+Map	https://tinyurl.com/tl6ovjs	HIFI-158	Patrick Morris & Sylvie Beaulieu	
HPDP Release Note: Herschel/HIFI Spectral Map ReadMe	2	HIFI	Data products	Highly Processed Data Products			ReadMe	18/07/2018, v1.2	https://www.cosmos.esa.int/web/herschel/hifi-spectral-maps-hpdp	https://doi.org/10.5270/esa-a3ldvxq	HIFI-159	David Teyssier	
Side-Band Ratio Correction for HIFI Data	2	HIFI	Calibration	Calibration			Side-Band Ratio Correction for HIFI Data	21/05/2013, v1.0	https://www.cosmos.esa.int/documents/12133/996743/Side-Band+Ratio+Correction+for+HIFI+Data	https://tinyurl.com/s7roshr	HIFI-16	David Teyssier & R. Higgins	
HPDP Release Note: HIFI Reference Position Spectra ReadMe	2	HIFI	Data products	Highly Processed Data Products			ReadMe	25/07/2018	https://www.cosmos.esa.int/web/herschel/hifi-reference-spectra-hpdp	https://tinyurl.com/rbt96ln	HIFI-160	David Teyssier	
HPDP Release note: HIFI Uncertainty Table Data Products ReadMe	2	HIFI	Data products	Highly Processed Data Products			ReadMe	25/07/2018	https://www.cosmos.esa.int/web/herschel/hifi-uncertainty-tables-hpdp	https://tinyurl.com/te5blmo	HIFI-161	David Teyssier	
HPDP Release Note: Spectral Scans ReadMe	2	HIFI	Data Products	Highly Processed Data Products		Spectrometer	ReadMe	30/06/2017, v1.0	https://www.cosmos.esa.int/web/herschel/hifi-spectral-scans-hpdp	https://doi.org/10.5270/esa-u6bb36l	HIFI-162	David Teyssier	
HPDP Release Note: HIFI Reference Position Spectra ReadMe	2	HIFI	Data Products	Highly Processed Data Products		Spectrometer	ReadMe	20/10/2016, v1.1	https://www.cosmos.esa.int/web/herschel/hifi-reference-spectra-hpdp	https://doi.org/10.5270/esa-tk5bcf7	HIFI-163	David Teyssier, M. Rengel	
HIFI Observers' Manual	2	HIFI	Overview	System			HIFI Observers' Manual	01/06/2011, v2.4	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Observers%27+Manual+Update+for+Start+of+OT2+Call+for+Proposals	https://tinyurl.com/uny3rvb	HIFI-19	HIFI Consortium	
HIFI AOT Observing Mode Release and Performance Notes	2	HIFI	Overview	Performance			HIFI AOT Observing Mode Release and Performance Notes	24/09/2011, v3.0	https://www.cosmos.esa.int/documents/12133/996743/HIFI+AOT+Observing+Mode+Release+and+Performance+Notes	https://tinyurl.com/w7h8fd2	HIFI-20	P. Morris	
Release notes to the HIFI observations taken in the framework of the Performance Validation campaigns	2	HIFI	Overview	Uplink			Release notes to the HIFI observations taken in the framework of the Performance Validation campaigns	31/01/2013, v1.2	https://www.cosmos.esa.int/documents/12133/996743/Release+notes+to+the+HIFI+observations+taken+in+the+framework+of+the+Performance+Validation+campaigns	https://tinyurl.com/vnzf4x3	HIFI-21	David Teyssier	
Technical note on HIFI mapping modes	2	HIFI	Overview	System			HIFI_Technical note on HIFI mapping modes	30/06/2010	https://www.cosmos.esa.int/documents/12133/996743/Information+note+on+the+HIFI+mapping+modes	https://tinyurl.com/wyfalye	HIFI-22	HIFI ICC	
HIFI Commissioning Phase Plan	2	HIFI	Overview	System			ICC/2008-122	22/07/2008, v1.3	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Commissioning+Phase+Plan	https://tinyurl.com/yxxjxmc8	HIFI-23	David Teyssier, C. Risacher	
Uplink: HIFI Observing Mode Document	2	HIFI	Overview	Uplink			ICC/2002–001	30/01/2003, v0.41	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Observing+Modes+Document	https://tinyurl.com/sl2cgd2	HIFI-24	Volker Ossenkopf	
Uplink: HIFI Observing Mode Description	2	HIFI	Overview	Uplink			ICC/2003-008	01/04/2005, v0.99	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Observing+Mode+Descriptions	https://tinyurl.com/rtxltso	HIFI-25	Volker Ossenkopf, Pat Morris	
HIFI Observing Modes Calibration Document	2	HIFI	Overview	Uplink			ICC/2003-010	24/04/2007, v0.5	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Observing+Modes+Calibration+Document	https://tinyurl.com/s7tqexm	HIFI-26	Volker Ossenkopf, Anthony Marston	
Uplink: HIFI Observing Mode Implementation	2	HIFI	Overview	Uplink			ICC/2003-009	11/05/2004, v0.2	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Observing+Modes+Implementation+Document	https://tinyurl.com/ryhumo5	HIFI-27	Volker Ossenkopf	
Science Implementation Plan for the HIFI ICC	2	HIFI	Overview	Science Management			ICC/1998-001	21/12/2004, v1.2	https://www.cosmos.esa.int/documents/12133/996743/Science+Implementation+Plan+for+the+HIFI+ICC	https://tinyurl.com/uq8cpst	HIFI-28	P. Roelfsema	
Post Operation Plan	2	HIFI	Overview	System			ICC/2011-010	30/09/2012, v1.01	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Post+Operations+Plan	https://tinyurl.com/tec5ylc	HIFI-29	F. Helmich, R. Shipman	
Calibration Plan for HIFI	2	HIFI	Calibration	Calibration			Calibration Plan for HIFI	22/01/2004, v1.01	https://www.cosmos.esa.int/documents/12133/996743/CALIBRATION+PLAN+FOR+HIFI	https://tinyurl.com/r7ky2en	HIFI-30	D. Teyssier & M. Pérault	
Stability Performance with HIFI	2	HIFI	Calibration	Performance			2008A&A...479..915O	2008	https://ui.adsabs.harvard.edu/abs/2008A%26A...479..915O/abstract	https://doi.org/10.1051/0004-6361:20079188	HIFI-31	Ossenkopf et al.	
Calibration impact of HIFI optical Standing Waves	2	HIFI	Calibration	Performance			SRONG/HIFI/TR/2011-0xx	18/04/2011, v0.1	https://www.cosmos.esa.int/documents/12133/996743/Calibration+impact+of+HIFI+optical+Standing+Waves	http://dx.doi.org/10.1051/0004-6361:20079188	HIFI-32	Christophe Risacher	
HIFI FM Radiometry Measurements	2	HIFI	Calibration	Performance			HIFI FM Radiometry Measurements	09/04/2008, v1.1	https://www.cosmos.esa.int/documents/12133/996743/HIFI+FM+Radiometry+measurements	https://tinyurl.com/v5wulhm	HIFI-33	B. Larsson, David Teyssier	
Memo on errors on Intensity calibrations	2	HIFI	Calibration	Intensity			Errors on Intensity calibrations	29/10/2015, v2.1	https://www.cosmos.esa.int/documents/12133/996743/The+propagation+of+systematic+uncertainties+in+the+intensity+calibration+for+HIFI	https://tinyurl.com/s8848u8	HIFI-34	Volker Ossenkopf	
Beam observations towards Mars	2	HIFI	Calibration	Spatial calibration			ICC/2010-nnn	17/11/2010, v1.1	https://www.cosmos.esa.int/documents/12133/996743/Beam+observations+towards+Mars	https://tinyurl.com/sldyf4c	HIFI-36	M. Olberg	
Update to the HIFI beam efficiencies in HSpot	2	HIFI	Calibration	Spatial calibration			Update to the HIFI beam efficiencies in HSpot	13/12/2010	https://www.cosmos.esa.int/documents/12133/996743/Update+to+the+HIFI+beam+efficiencies+in+HSpot	https://tinyurl.com/stqay8o	HIFI-37	HIFI Support	
HIFI frequency/velocity transform document	2	HIFI	Calibration	Spectroscopy			ICC/2011-003	28/02/2011, v1.1	https://www.cosmos.esa.int/documents/12133/996743/Frequency+and+Velocity+Transforms+for+HIFI	https://tinyurl.com/qromphh	HIFI-38	I. Avruch & M. Melchior	
Cycle38 Frequency Calibration Tests	2	HIFI	Calibration	PV			HIFI-ICC-TN-2015-002	11/05/2011, v1.0	https://www.cosmos.esa.int/documents/12133/996743/Cycle38+Frequency+Calibration+Tests	https://tinyurl.com/vu5shfx	HIFI-39	I. Avruch	
Releases note on HIFI PV observations	2	HIFI	Calibration	PV			Release note on HIFI PV observations	31/01/2013	https://www.cosmos.esa.int/documents/12133/996743/Release+note+on+HIFI+PV+observations	https://tinyurl.com/sf8ohcm	HIFI-40	HIFI ICC	
HIFI Performance Verification Plan	2	HIFI	Calibration	PV			ICC2008-156	09/03/2009, v0.8	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Performance+Verification+Plan	https://tinyurl.com/rmhe284	HIFI-41	Michael Olberg	
HIFI Routine Phase Calibration Plan	2	HIFI	Calibration				ICC/2008-176	2013	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Routine+Phase+Calibration+Plan	https://tinyurl.com/ug854fg	HIFI-42	Michael Olberg	

In-Flight Calibration of the HIFI Diplexers	2	HIFI	Calibration	Spectroscopy	Performance		Exp Astron 37, 369–379 (2014)	2014	https://rd.springer.com/article/10.1007/s10686-013-9370-1#citeas	https://doi.org/10.1007/s10686-013-9370-1	HIFI-43	M. Mueller, W. Jellema, B. Delforges, et al.	
The effect of sideband ratio on line intensity for Herschel/HIFI	2	HIFI	Calibration	Performance			Exp Astron 37, 433–452 (2014)	2014	https://rd.springer.com/article/10.1007/s10686-014-9382-5?no-access=true#citeas	https://doi.org/10.1007/s10686-014-9382-5	HIFI-44	R. Higgins, D. Teyssier, J. Braine et al.	
Calibration of the Herschel HIFI Instrument using Gas Cell Measurements	2	HIFI	Calibration	Instrument Level Test			Calibration of the HERSCHEL HIFI Instrument using Gas Cell Measurements	2010	https://www.cosmos.esa.int/documents/12133/996743/Calibration+of+the+Herschel+HIFI+Instrument+using+Gas+Cell+Measurements	https://tinyurl.com/rg7k9ey	HIFI-45	R. Higgins et. al	
Optimization of mapping modes for heterodyne instruments	2	HIFI	Calibration	Performance			2009A&A...495..677O	2009	https://ui.adsabs.harvard.edu/abs/2009A%26A...495..677O/abstract	http://dx.doi.org/10.1051/0004-6361:200809619	HIFI-46	Volker Ossenkopf	
Herschel/HIFI In-flight Commissioning and Performance	2	HIFI	Calibration	CoP			HERSCHEL/HIFI In-flight Commissioning and Performance	2010	https://www.cosmos.esa.int/documents/12133/996743/Herschel+HIFI+In-flight+Commissioning+and+Performance	https://tinyurl.com/u82m5gy	HIFI-47	Teyssier, D. et. al	
Investigation and correction of Herschel/HIFI spectral baseline artefacts	2	HIFI	Calibration	Performance			Investigation and correction of HERSCHEL/HIFI spectral baseline artefacts	10/02/2015	https://www.cosmos.esa.int/documents/12133/996743/Investigation+and+correction+of+Herschel+HIFI+spectral+baseline+artefacts	https://tinyurl.com/tlmdhh7	HIFI-48	G. Rodriguez, David Teyssier	
PhD: Advanced Optical calibration of the Herschel HIFI heterodyne spectrometer	2	HIFI	Calibration	Performance			PhD Thesis (National University of Ireland, Maynooth)	01/02/2011	https://www.cosmos.esa.int/documents/12133/996743/Advanced+optical+calibration+of+the++Herschel+IDFI+heterodyne+spectrometer	https://tinyurl.com/r6g3c9l	HIFI-49	R. Higgins	
Empirical Examination of Possible H/V Imbalance	2	HIFI	Calibration	Performance			Empirical Examination of Possible H/V Imbalance	2016	https://www.cosmos.esa.int/documents/12133/996743/Empirical+Examination+of+Possible+H-V+Imbalance	https://tinyurl.com/st754to	HIFI-50	S. Van Dyk, P. Morris, S. Jones	
PhD Thesis	2	HIFI	Calibration	Performance			PhD Thesis (University of Groningen)	2014	https://www.rug.nl/research/portal/en/publications/optical-design-and-performance-verification-of-herschelhifi%2824e22068-b3ba-45d9-b72b-503e951b193f%29.html	https://tinyurl.com/wmww2mg	HIFI-51	W. Jellema	
Description/performance of AOTs/Sequencer	2	HIFI	Overview	Uplink			In preparation	In preparation			HIFI-53	P. Morris, V. Ossenkopf	
Correction of Electric Standing Waves	2	HIFI	Calibration	Calibration			Correction of electrical standing waves	2014	https://www.cosmos.esa.int/documents/12133/996743/CORRECTION+OF+ELECTRIC+STANDING+WAVES	https://tinyurl.com/wgbj853	HIFI-57	D. Kester, I. Avruch, D. Teyssier	
High-Energy Events (HEE)	2	HIFI	Calibration	Performance			HIFI WP15	21/10/2013	https://www.cosmos.esa.int/documents/12133/996743/High-energy+events	https://tinyurl.com/tjoq2ag	HIFI-58	Volker Ossenkopf, E. Chambers	
IRAM Memo 2015-3: Importing Herschel-FITS into CLASS, v1.0.1	2	HIFI	Data processing	Software			IRAM Memo 2015-3-Importing HERSCHEL-FITS into CLASS	24/10/2016, v1.0.1	https://www.cosmos.esa.int/documents/12133/996743/Importing+Herschel-FITS+into+CLASS	https://tinyurl.com/vfdhb7w	HIFI-59	S. Bardeau, D.Teyssier, D.Rabois, J. Pety	
IRAM Memo 2015-4 Introducing Associated Arrays in CLASS	2	HIFI	Data processing	Software			IRAM Memo 2015-4 Introducing Associated Arrays in CLASS	28/01/2016, v1.0	https://www.cosmos.esa.int/documents/12133/996743/Introducing+Associated+Arrays+in+CLASS	https://tinyurl.com/wd23ttz	HIFI-60	S. Bardeau, J. Pety	
The Data Processing Pipeline for the Herschel-HIFI Instrument	2	HIFI	Data processing	Software			Astronomy and Computing, 27, pp. 156-170	2019	https://www.sciencedirect.com/science/article/pii/S221313371930006X	https://doi.org/10.1016/j.ascom.2019.04.003	HIFI-61	Kevin Edwards	
HPDP Release note: Spectral Line Catalogue from Herschel-HIFI	2	HIFI	Data products	Highly Processed Data Products			HERSCHEL-HSC-DOC-2196	21/12/2017, v1.0	https://www.cosmos.esa.int/documents/12133/996743/Spectral+Line+Catalogue+from+Herschel-HIFI	https://tinyurl.com/wvjhk7x	HIFI-62	D. Teyssier & L. Benamati	
HPDP Release note: HIFI Uncertainty Table Data Products	2	HIFI	Data products	Highly Processed Data Products			HERSCHEL-HSC-DOC-2110	13/05/2016, v1.1	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Uncertainty+Table+Data+Products+Release+notes	https://tinyurl.com/v9p8pk8	HIFI-63	David Teyssier	
HIFI Beams as Ancillary Data Products: Release notes	2	HIFI	Data products	Ancillary Data Products			HERSCHEL-HSC-DOC-2112	13/05/2016, v1.0	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Beams+as+Ancillary+Data+Products+-+Release+notes	https://tinyurl.com/te5jj8w	HIFI-64	David Teyssier	
HIFI Trend Analysis Data Products: Release notes	2	HIFI	Data products	Ancillary Data Products			HERSCHEL-HSC-DOC-2104	12/05/2016, v1.1	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Trend+Analysis+Data+Products+-+Release+notes	https://tinyurl.com/u8rvlx9	HIFI-65	David Teyssier, K. Edwards	
HIFI System Noise Temperature Data Products: Release notes	2	HIFI	Data products	Ancillary Data Products			HERSCHEL-HSC-DOC-2113	13/05/2016, v1.0	https://www.cosmos.esa.int/documents/12133/996743/HIFI+System+Noise+Temperature+Data+Products+-+Release+notes	https://tinyurl.com/ra3t898	HIFI-66	David Teyssier	
HIFI Non-Averaged Level 2 products for Point Mode Observations: Release notes	2	HIFI	Data products	User-provided Data Products			HERSCHEL-HSC-DOC-2103	01/06/2016, v1.1	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Non-Averaged+Level+2+products+for+Point+Mode+Observations	https://tinyurl.com/w2j99da	HIFI-67	David Teyssier	
UPDP Release Note: HEXOS	2	HIFI	Data products	User-provided Data Products			UPDP Release Note: HEXOS	2015	https://www.cosmos.esa.int/documents/12133/996743/Herschel+observations+of+EXtra-Ordinary+Sources+%28HEXOS%29+Key+Program+Release+Note	https://tinyurl.com/wvgum5c	HIFI-68	KPGT HEXOS	
UPDP Release Note: GOT CPlus	2	HIFI	Data products	User-provided Data Products			UPDP Release Note: GOT CPlus	19/12/2013	https://www.cosmos.esa.int/documents/12133/996743/Herschel+Open+Time+Key+Programme+-+Galactic+Observations+of+Terahertz+Cplus	https://tinyurl.com/vtknk6t	HIFI-69	KPOT GOT CPlus	
UPDP Release Note: HOP	2	HIFI	Data products	User-provided Data Products			UPDP Release Note: HOP	2013	https://www.cosmos.esa.int/documents/12133/996743/Herschel+Oxygen+Project+Data+Release+Document	https://tinyurl.com/wbg76nv	HIFI-70	KPOT HOP	
UPDP Release Note: HIFISTARS	2	HIFI	Data products	User-provided Data Products			UPDP Release Note: HIFISTARS	2012	https://www.cosmos.esa.int/documents/12133/996743/Herschel+HIFISTARS+Key+Programme+USER+PROVIDED+DATA+PRODUCTS+RELEASE	https://tinyurl.com/vcws8kr	HIFI-71	HIFISTARS	
UPDP Release Note: PRISMAS	2	HIFI	Data products	User-provided Data Products			UPDP Release Note: PRISMAS	20/01/2016, v2.0	https://www.cosmos.esa.int/documents/12133/996743/PRISMAS+Data+Release+Note	https://tinyurl.com/rtxhtf9	HIFI-72	PRISMAS	
HPDP Release Note: Spectral Scans	2	HIFI	Data products	Highly Processed Data Products			HERSCHEL-HSC-DOC-2198	30/06/2017, v1.0	http://archives.esac.esa.int/hsa/legacy/HPDP/HIFI/HIFI_spectral_scans/HIFI_Spectral_Scans_HPDP_Release_Notes.pdf	https://tinyurl.com/rbmu6o6	HIFI-73	David Teyssier	
HPDP : Release Note: maps	2	HIFI	Data products	Highly Processed Data Products			HERSCHEL-HSC-DOC-2122	12/04/2016, v1.1	https://www.cosmos.esa.int/documents/12133/996743/HPDP+Release+Note+for+HIFI+maps	https://tinyurl.com/u2hrjm9	HIFI-74	P. Morris, S. Beaulieu, S. Jones	
HPDP Release Note: HIFI Reference Position Spectra	2	HIFI	Data products	Highly Processed Data Products			HERSCHEL-HSC-DOC-2111	20/10/2016, v1.1	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Reference+Position+Spectra+Data+Products+Release+notes	https://tinyurl.com/wrcm6ah	HIFI-75	David Teyssier, M. Rengel	
Event: HIFI OD-81 Anomaly	3	HIFI	Calibration	Instrument recovery			21ST INTERNATIONAL SYMPOSIUM ON SPACE TERAHERTZ TECHNOLOGY, OXFORD, 23-25 MARCH, 2010	2010	https://www.cosmos.esa.int/documents/12133/996743/The+HIFI+OD-81+Anomaly	https://tinyurl.com/qwjos6n	HIFI-100	W. Jellema et al.	
Report of Investigation on Herschel HIFI instrument failure	3	HIFI	Calibration	Instrument recovery			TEC-E/005.09/PP	16/11/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/Report+of+Investigation+on+Herschel+HIFI+instrument+failure	https://tinyurl.com/ujy9vv5	HIFI-101	P. Pérol	
Event: HIFI OD 81 anomaly investigations executive summary	3	HIFI	Calibration	Instrument recovery			ICC/2009-015	23/11/2009, v0.9	https://www.cosmos.esa.int/documents/12133/996743/HIFI+OD+81+anomaly+investigations+executive+summary	https://tinyurl.com/wsqetm7	HIFI-102	W. Jellema, BJ van Leeuwen, H. Jacobs	
Event: HIFI AOT checkout in PV II	3	HIFI	Calibration	PV			ICC/2009-019	23/11/2009, v1.1	https://www.cosmos.esa.int/documents/12133/996743/HIFI+AOT+Checkout+in+PV-II+Schedule+Recovery+Scenarios	https://tinyurl.com/s9zln5m	HIFI-103	P. Morris	
HIFI LCU SEU recognition	3	HIFI	Calibration	Instrument recovery			HIFI LCU SEU recognition	30/03/2010, v3.0	https://www.cosmos.esa.int/documents/12133/996743/Technical+note+on+the+new+functionalities+for+HIFI+LCU+SEU+recognition	https://tinyurl.com/qrqjk35	HIFI-104	David Teyssier	
HIFI OD81 Anomaly Investigation Summary Report	3	HIFI	Calibration	Instrument recovery			SRON-U/HIFI/NCR/2009-001	05/11/2009, v1.3	https://www.cosmos.esa.int/documents/12133/996743/HIFI+OD81+anomaly+investigation+summary+report	https://tinyurl.com/udsun2x	HIFI-105	W. Jellema; B.J. van Leeuwen; H.M. Jacobs	
Test plan and report SW modifications for LCU failure prevention	3	HIFI	Calibration	Instrument recovery			ICC/2009-014	07/12/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/HIFI+test+plan+and+test+report+-+SW+modifications+for+OD81+failure	https://tinyurl.com/t8y9uuj	HIFI-106	Albrecht de Jonge, Christophe Risacher, David Teyssier	
HIFI LO Software Modifications	3	HIFI	Calibration	Uplink			MPIfR/HIFI/TN/2009-544	20/10/2009, v1.1	https://www.cosmos.esa.int/documents/12133/996743/HIFI+LO+Software+Modifications+document	https://tinyurl.com/wm3qomt	HIFI-107	T. Klein et al.	
Updated HIFI CUS and flight procedures	3	HIFI	Calibration	Uplink			Updated HIFI CUS and flight procedures	02/11/2009: V2.0	https://www.cosmos.esa.int/documents/12133/996743/Proposal+for+new+mode+transitions+in+HIFI	https://tinyurl.com/ssvuw45	HIFI-108	David Teyssier	
LCU SW redundant modification	3	HIFI	Calibration	Uplink			SRC/LCU/TN/2009-0758	November 2009, v1.2	https://www.cosmos.esa.int/documents/12133/996743/TECHNICAL+NOTE+ON+LCU+SW+REDUNDANT+MODIFICATION	https://tinyurl.com/r4zf2ws	HIFI-109	M. Michalska	
HIFI Telecommand packet structure ICD	3	HIFI	Calibration	Uplink			SRON-U/HIFI/SP/2001-001	23/11/2009, v1.10	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Telecommand+packet+structure+ICD+document	https://tinyurl.com/vhgxrap	HIFI-110	L. Dubbeldam	
HIFI Telemetry Packet Structure ICD	3	HIFI	Calibration	Uplink			SRON_U/HIFI/SP/2001-002	23/11/2009, v1.11	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Telemetry+Packet+Structure+ICD+document	https://tinyurl.com/yxxk6x8r	HIFI-111	L. Dubbeldam	
FMECA LCU dissipative mode	3	HIFI	Calibration	Uplink			FMECA LCU dissipative mode	05/11/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/FMECA+for+use+of+newly+proposed+Dissipative+mode	https://tinyurl.com/rctvr9n	HIFI-112	David Teyssier	
HIFI HRS SFT in CoP	3	HIFI	Calibration	CoP			CESR-HRS-TR-322-472	25/05/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/HRS+FM+SFT+report+%28SFT+performed+on+25th+of+May+2009+from+ESOC+during+CoP%29	https://tinyurl.com/rrrf29j	HIFI-114	L. Ravera, O. Coeur-Joly	
HIFI WBS SFT in CoP	3	HIFI	Calibration	CoP			HIFI WBS SFT in CoP	25/03/2012	https://www.cosmos.esa.int/documents/12133/996743/WBS+SFT+2012-03-23+analysis	https://tinyurl.com/wqtwttd	HIFI-115	V. Ossenkopf	
HIFI LOU SFT in CoP	3	HIFI	Calibration	CoP			MPIfR/HIFI/TE/2009-540	04/06/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/HIFI-LOU+Short+Functional+Test+in+CoP	https://tinyurl.com/wqtwttd	HIFI-116	Michael Caris	
HIFI LOU SFT in CoP2	3	HIFI	Calibration	CoP			MPIfR/HIFI/TE/2010-541	20/01/2010, v1.0	https://www.cosmos.esa.int/documents/12133/996743/HIFI-LOU+Short+Functional+Test+in+CoP2	https://tinyurl.com/uvcobzx	HIFI-117	Michael Caris	
HIFI FPU SFT in CoP	3	HIFI	Calibration	CoP			FPSS-xxx	05/06/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/CoP+-+FPSS+SFT+results	https://tinyurl.com/tzwn7ju	HIFI-118	W. Laauwen	
HIFI Chopper performance in CoP	3	HIFI	Calibration	CoP			FPSS-xxx	05/06/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/CoP+-+Chopper+Performance+Test	https://tinyurl.com/rh7fwfd	HIFI-119	W. Laauwen	
HIFI IF stability in CoP	3	HIFI	Calibration	CoP			FPSS-xxx	15/06/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/HIFI+IF+Stability+on+OD16+and+the+thermal+effect+of+the+SVM+panels	https://tinyurl.com/rwoso8f	HIFI-120	J. Kooi	
HIFI IF Feed-back in CoP	3	HIFI	Calibration	CoP			FPSS-xxx	10/09/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/CoP+%E2%80%93+IF-feedback+results	https://tinyurl.com/vn5yufl	HIFI-121	W. Laauwen	
HIFI Diplexer response time in CoP	3	HIFI	Calibration	CoP			FPSS-xxx	08/06/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/CoP+%E2%80%93+Diplexer+Step+Response	https://tinyurl.com/graupnh	HIFI-122	W. Laauwen	
HIFI FT unpumped in CoP	3	HIFI	Calibration	CoP			SRON-G/HIFI/TR/2009-	10/06/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/TV+FT_unpumped+results	https://tinyurl.com/vg32xkm	HIFI-123	W. Laauwen	

HIFI FT pumped in CoP	3	HIFI	Calibration	CoP			SRON-G/HIFI/TR/2009-xxxx	30/06/2009	https://www.cosmos.esa.int/documents/12133/996743/HIFI+FT+pumped+in+CoP	https://tinyurl.com/un6gact	HIFI-124	W. Laauwen	
HIFI direct detection in CoP	3	HIFI	Calibration	CoP			FPSS-xxxx	11/09/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/CoP+%E2%80%93+Direct+Detection	https://tinyurl.com/r7vdajj	HIFI-125	W. Laauwen	
HIFI magnet tuning calibration in CoP	3	HIFI	Calibration	CoP			FPSS-xxxx	14/09/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/Magnet+tuning+optimisation+in+CoP	https://tinyurl.com/vbq4xbb	HIFI-126	W. Laauwen	
HIFI Diplexer calibration in CoP	3	HIFI	Calibration	CoP			SRON-G/HIFI/TR/2009-027	10/09/2009, v0.1	https://www.cosmos.esa.int/documents/12133/996743/Diplexer+Calibration+Results+CoP	https://tinyurl.com/uewxn7k	HIFI-127	W. Jellema	
HIFI CoP Tsys survey	3	HIFI	Calibration	CoP			SRON-G/HIFI/RP/2009-028	21/07/2009, v1.1	https://www.cosmos.esa.int/documents/12133/996743/HIFI+CoP+Tsys+survey	https://tinyurl.com/uar8tbb	HIFI-128	David Teyssier & Christophe Risacher	
HIFI CoP vector scan calibration	3	HIFI	Calibration	CoP			SRON-G/HIFI/RP/2009-029	21/07/2009, v1.1	https://www.cosmos.esa.int/documents/12133/996743/HIFI+CoP+Vector+Scan+Calibration	https://tinyurl.com/s97tv9d	HIFI-129	David Teyssier & Christophe Risacher	
HIFI SVM panel thermal stability report	3	HIFI	Calibration	Performance			SRON-G/HIFI/RP/2009-036	01/09/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/HIFI+SVM+panel+thermal+stability+report	https://tinyurl.com/vacenr9	HIFI-130	P. Dieleman	
HIFI System stability performance in CoP	3	HIFI	Calibration	CoP			HIFI System stability performance in CoP	10/09/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/HIFI+System+Stability+Performance+COP	https://tinyurl.com/sxgaudt	HIFI-131	J. Kooi, V. Ossenkopf	
HIFI Differential Instrument stability in CoP	3	HIFI	Calibration	CoP			HIFI Differential Instrument stability in CoP	11/09/ 2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Differential+Instrument+Stability%2C+as+measured+during+the+CoP+phase	https://tinyurl.com/ud99b6g	HIFI-132	J. Kooi, V. Ossenkopf	
HIFI FPG measurements	3	HIFI	Calibration	CoP			SRONG/HIFI/TR/2009031	11/09/2009, v1.0	https://www.cosmos.esa.int/documents/12133/996743/FPG+report	https://tinyurl.com/t282678	HIFI-133	Michael Olberg	
HIFI LO 3b purity tests in CoP	3	HIFI	Calibration	CoP			MPIfR/HIFI/TN/2008-544	15/09/2009, v1.03	https://www.cosmos.esa.int/documents/12133/996743/HIFI+LOU+BAND+3b+Frequency+Response	https://tinyurl.com/r8aj6ow	HIFI-134	MPIfR	
HIFI CoP B7b stability investigation	3	HIFI	Calibration	CoP			HIFI CoP B7b stability investigation	02/07/2009, v2.0	https://www.cosmos.esa.int/documents/12133/996743/B7b+Stability+investigation	https://tinyurl.com/vvjplo7	HIFI-135	J. Kooi, B. Delforge, J. Pearson	
HIFI Standing Wave FSW investigation	3	HIFI	Calibration	Performance			HIFI Standing Wave FSW investigation	2009	https://www.cosmos.esa.int/documents/12133/996743/Standing+wave+FSW+investigation	https://tinyurl.com/uo2x2oc	HIFI-136	Ronan Higgins, Jacob Kooi & David Teyssier	
Cryogenic Performance Characterization of the HIFI Flight Optics	3	HIFI	Calibration	Performance			In preparation	In preparation			HIFI-137	W. Jellema	
HIFI Developer´s Reference Manual	3	HIFI	Data processing	Software			HIFI Developer's Reference Manual	2016	https://www.cosmos.esa.int/documents/12133/996743/Overview+HIFI+Developers+Reference+Manual	https://tinyurl.com/qwrrvmp	HIFI-138	HIFI ICC	
Continuum reproducibility on HIFI monitoring 3x3 raster maps	3	HIFI	Calibration	Performance			HERSCHEL-HSC-DOC-2184	06/03/2014, v1.0	https://www.cosmos.esa.int/documents/12133/996743/Continuum+reproducibility+on+HIFI+monitoring+3x3+raster+maps	https://tinyurl.com/r5fvvsl	HIFI-139	David Teyssier	
Line Identification Guide	3	HIFI	Data processing	Spectroscopy			Line Identification Guide		https://www.cosmos.esa.int/documents/12133/996743/HIFI+Line+Identification+Guide	https://tinyurl.com/yx3wtnkz	HIFI-140	HIFI ICC	script - please remove extension '.txt' prior to using the script
End User Requirements for HIFI Interactive Analysis	3	HIFI	Data processing	Software			ICC/2001-004	19/12/2001, v0.41	https://www.cosmos.esa.int/documents/12133/996743/End+user+requirements+for+HIFI+Interactive+Analysis	https://tinyurl.com/rny2owh	HIFI-141	P. Roelfsema	
HIFI OBS Upload Procedure	3	HIFI	Overview	Software			SRON-U/HIFI/PR/2007-007	18/02/2009, v1.10	https://www.cosmos.esa.int/documents/12133/996743/HIFI+OBS+Upload+Procedure	https://tinyurl.com/yx3r6eya	HIFI-142	Luc Dubbeldam	
Herschel HIFI ICU OBS Software User Manual	3	HIFI	Overview	Software			IFSI/OBS/MA/2005-001	30/01/2009, v4.5	https://www.cosmos.esa.int/documents/12133/996743/Herschel+HIFI+ICU+OBS+Software+User+Manual	https://tinyurl.com/soa79wg	HIFI-143	Anna Maria Di Giorgio	
HIFI OBS software release notice	3	HIFI	Overview	Software			SRON-U/HIFI/TN/2003-009	26/02/2010, v6.4	https://www.cosmos.esa.int/documents/12133/996743/HIFI+OBS+software+release+notice	https://tinyurl.com/rq74y2r	HIFI-144	Anna Maria Di Giorgio	
Beams - 3 volume paper	3	HIFI	Calibration	Beams			In preparation	In preparation			HIFI-145	W. Jellema	
Spur Predictor for the HIFI Point and Mapping Observations	3	HIFI	Data processing	Software			HIFI-ICC-TN-2016	01/02/17, v1.0	https://www.cosmos.esa.int/documents/12133/996743/Spur+Predictor+for+the+HIFI+Point+and+Mapping+Observations	https://tinyurl.com/t69ya9u	HIFI-146	David Teyssier & Albrecht de Jonge	
HIFI Continuum Intensity repeatability from Mars observations	3	HIFI	Calibration	Performance			HERSCHEL-HSC-DOC-2169	12/11/2017, v1.1	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Continuum+Intensity+repeatability+from+Mars+observations	https://tinyurl.com/uoxffoz	HIFI-154	Miriam Rengel & David Teyssier	
HIFI User´s reference Manual	3	HIFI	Overview	Instrument			HERSCHEL-HSC-DOC-0935	07/12/2016, v10.0	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Users+Reference+Manual+Herschel+Data+Processing	https://tinyurl.com/wkgrzlo	HIFI-76	HIFI ICC	
HIFI User Manual Volume 1	3	HIFI	Overview	Design			SRON-U/HIFI/UM/2004-001	14/07/2008, v4.0	https://www.cosmos.esa.int/documents/12133/996743/HIFI+USER+MANUAL+VOLUME+1	https://tinyurl.com/w3rvfoq	HIFI-77	L. Dubbeldam, H. Aarts	
HIFI User Manual Volume 2	3	HIFI	Overview	Design			SRON-U/HIFI/UM/2004-001	14/07/2008, v4.0	https://www.cosmos.esa.int/documents/12133/996743/HIFI+USER+MANUAL+VOLUME+2	https://tinyurl.com/wtleytw	HIFI-78	L. Dubbeldam, H. Aarts	
HIFI User Manual Annex 1	3	HIFI	Overview	Design			SRON-U/HIF/UM/2004-001 (Annex1)	03/06/2008	https://www.cosmos.esa.int/documents/12133/996743/HIFI+User+Manual+Annex+1	https://tinyurl.com/toarrpg	HIFI-79	David Teyssier	
HIFI User Manual Annex 2	3	HIFI	Overview	Design			SRON-U/HIF/UM/2004-001 (Annex2)	07/03/2008	https://www.cosmos.esa.int/documents/12133/996743/HIFI+procedures	https://tinyurl.com/tfu7g9k	HIFI-80	David Teyssier	
HIFI User Manual Annex 3	3	HIFI	Overview	Design			SRON-U/HIF/UM/2004-001 (Annex3)	11/07/2008, v65	https://www.cosmos.esa.int/documents/12133/996743/HIFI+User+Manual+Annex+MIB+139+-+ASPI+11.7+-+overview	https://tinyurl.com/ukr4abo	HIFI-81	L. Dubbeldam	
HIFI Instrument Interface Document Part B (IIDB)	3	HIFI	Overview	Design			SCI-PT-IIDB/HIFI-02125	21/10/2005, v3.3	https://www.cosmos.esa.int/documents/12133/996743/Instrument+Interface+Document+-+Part+B+-+HIFI+%28HIFI+IIDB%29	https://tinyurl.com/v4457lm	HIFI-82	G. Doubrovik	
HIFI instrument specification	3	HIFI	Overview	Design			SRON-G/HIFI/SP/1998-001	October 2004, v4.4	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Instrument+Specification	https://tinyurl.com/vp6f764	HIFI-83	H. Aarts et al.	
HIFI Interface Control Document	3	HIFI	Overview	Design			SRON-G/HIFI/SP/1999-001	07/05/2004, v4.2	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Interface+Control+Document	https://tinyurl.com/rmh34ba	HIFI-84	A. Naber	
All successfully scheduled HIFI AORs (ZIP file: to read in HSpot)	3	HIFI	Overview	Uplink			All successfully scheduled HIFI AORs		https://www.cosmos.esa.int/documents/12133/996743/All+successful+HIFI+science+observations	https://tinyurl.com/v8t7x5e	HIFI-85	HSC	
All scheduled engineering HIFI AORs (ZIP file: to read in HSpot)	3	HIFI	Overview	Uplink			All scheduled engineering HIFI AORs		https://www.cosmos.esa.int/documents/12133/996743/All+scheduled+HIFI+engineering+AORs	https://tinyurl.com/tmd2vr2	HIFI-86	HSC	
All failed HIFI AORs (ZIP file: to read in HSpot)	3	HIFI	Overview	Uplink			All failed HIFI AORs		https://www.cosmos.esa.int/documents/12133/996743/All+failed+HIFI+AORs	https://tinyurl.com/wpb2yup	HIFI-87	HSC	
Routine Phase DBS raster maps	3	HIFI	Calibration	Uplink			HIFI-ICC-TN-ICC/2014-03	29/09/2017, v0.71	https://www.cosmos.esa.int/documents/12133/996743/Routine+phase+DBS+raster+maps	https://tinyurl.com/wm7nmkx	HIFI-88	Michael Olberg	
The HIFI Focal Plane Beam Characterization and Alignment Status	3	HIFI	Calibration	Spatial calibration			http://www.nrao.edu/meetings/isstt/papers/2008/2008448455.pdf	2008	http://www.nrao.edu/meetings/isstt/papers/2008/2008448455.pdf	https://tinyurl.com/vgzcwop	HIFI-89	W. Jellema et al.	
Alternative Calibration Schemes: smoothing widths	3	HIFI	Calibration	Calibration			LAB/HIFI/TR/2011-xxx	18/01/2011, v1.0	https://www.cosmos.esa.int/documents/12133/996743/Alternative+Calibration+Schemes+-+smoothing+width	https://tinyurl.com/tnourst	HIFI-90	F. Herpin, C. Risacher	
HIFI Gas Cell Manual	3	HIFI	Calibration	Instrument Level Test			IAS-LERMA/HIFI/TN/2006-01	06/11/2006, v0.2	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Gas+Cell+Manual	https://tinyurl.com/ts5cljc	HIFI-91	David Teyssier, E. Dartois, D. Deboffle	
HIFI FM Gas-cell measurements	3	HIFI	Calibration	Instrument Level Test			SRON-G/HIFI/TR/2008-002	16/04/2008, v1.0	https://www.cosmos.esa.int/documents/12133/996743/HIFI+FM+Gas-cell+measurements	https://tinyurl.com/va5kl9u	HIFI-92	David Teyssier, P. Dieleman, Michael Olberg	
HIFI Science User Requirements Compliance Matrix	3	HIFI	Calibration	Science Management			ICC/2008-166	06/10/2008, v0.2	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Science+User+Requirements+Compliance+Matrix	https://tinyurl.com/shuvvto	HIFI-93	Michael Olberg	
ILT summary report	3	HIFI	Calibration	Instrument Level Test			SRON-G/HIFI/RP/2008-022	09/06/2008, v1.0	https://www.cosmos.esa.int/documents/12133/996743/HIFI+ILT+summary+report	https://tinyurl.com/wahtyw5	HIFI-94	Michael Olberg	
Pointing Reconstruction in HIFI Observations	3	HIFI	Calibration	Pointing			Pointing Reconstruction in HIFI Observations	06/04/2015, v1.0	https://www.cosmos.esa.int/documents/12133/996743/Pointing+Reconstruction+in+HIFI+Observations	https://tinyurl.com/s99wfo9	HIFI-95	P. Morris	
H and V positions (ZIP file)	3	HIFI	Calibration	Spatial calibration			H and V positions	02/12/2010	https://www.cosmos.esa.int/documents/12133/996743/Accessing+the+Positions+of+the+H+and+V+beams+within+HIFI+observation+contexts	https://tinyurl.com/qm8wv7x	HIFI-96	HIFI ICC	
PV: AGB as calibrators	3	HIFI	Calibration	Performance			Allegro Memo No. 2	01/12/2009	https://www.cosmos.esa.int/documents/12133/996743/AGB+stars+as+calibrators+for+HIFI+and+ALMA	https://tinyurl.com/vxhu3hs	HIFI-97	Christophe Risacher & Floris van der Tak	
HIFI Spacecraft Instrument Alignment Matrix	3	HIFI	Calibration	Spatial calibration			HIFI Spacecraft Instrument Alignment Matrix	02/10/2008	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Spacecraft-Instrument+Alignment+Matrix+-+SIAM	https://tinyurl.com/qowxr5c	HIFI-98	W. Jellema	
HIFI Flight Model Testing at Instrument and Satellite Level	3	HIFI	Calibration	Instrument Level Test			HIFI Flight Model Testing at Instrument and Satellite Level	2008	https://www.cosmos.esa.int/documents/12133/996743/HIFI+Flight+Model+Testing+at+Instrument+and+Satellite+Level	https://tinyurl.com/rruclx9	HIFI-99	P. Dieleman et al.	