

Note name/number	Contents <b>SPIRE-RAL-NOT-001698</b>
Design and Performance of feedhorn-couple bolometer arrays for SPIRE Rownds et al SPIE Paper SPIRE-UCF-PUB-001697	Description of testing of feedhorns at Colorado
Feed Horn Coupled Bolometer Arrays for SPIRE: Design, Simulations, and Measurements Goutam Chattopadhyay et al IEEE Paper SPIRE-UCF-PUB-001693	Description of HFSS simulations of feedhorn performance.
In-Flight Calibration Sources for Herschel-SPIRE Hargrave et al SPIE Paper SPIRE-UCF-PUB-001695	Description of design and performance of the calibrators for SPIRE
The Imaging FTS for Herschel SPIRE Swinyard et al SPIE Paper SPIRE-UCF-PUB-001696	Description of the design and simulation of the performance of the FTS
Implications of reduced SMEC scan speed range Swinyard SPIRE-RAL-NOT-001543	Simulation of the performance of the FTS to look at the implications of having a lower maximum speed.
A Ground Calibration Facility for HERSCHEL-SPIRE Collins et al SPIE Paper SPIRE-UCF-PUB-001692	Description of the SPIRE test and calibration facility
Minutes of Kevlar Meeting and presentations Swinyard SPIRE-RAL-MOM-001653	Collection of presentations and technical notes presented at the Estec Kevlar discussion meeting – see handouts: SPIRE-RAL-MHO-001699 and 001700
SPIRE - Herschel's Submillimetre Camera and Spectrometer Griffin; Swinyard; Vigroux SPIE Paper SPIRE-UCF-PUB-001694	Description of design and performance of the SPIRE instrument.
Check and update of SPIRE straylight model Ferlet SPIRE-RAL-NOT-001483	Description of RAL evaluation of the ASAP model built by ASED.
Implementation of cold stop on SM12 A and B. Kjetil Dohlen SPIRE-LAM-NOT-1682	Description of how the spectrometer mirrors SM12a and SM12b should be built.
SPIRE spectrometer field lens description Kjetil Dohlen SPIRE-LAM-NOT-001683 (LAM.LOOM.SPIRE.NOT.2002.001-2) <i>Spectrolens04 has been added into this note</i>	Detailed description of the design of the field lenses in the spectrometer
Cryostat aperture size requirements including the effects of SPIRE-HERSCHEL misalignments Tony Richards SPIRE-RAL-NOT-0001242	Detailed evaluation of size of holes required through the cryostat.
HERSCHEL-SPIRE: Optical cubes	Detailed specification of alignment cubes

Marc Ferlet; Kjetil Dohlen SPIRE-RAL-NOT-001684	size and position.
HCR#1 Test Results from Herschel PACS Cooler Lionel Duband SPIRE-SBT-NOT-001685	Brief description of the results of the cooler testing
EMC Test Specification SPIRE-RAL-NOT-001681	Outline description of the EMC testing to be carried out on the CQM instrument.