

Telefax

Astrium Satellites

+33 4 92 92 3010
ALCATEL ALENIA SPACE, Cannes, F
J. M. Reix, D. Montet, B. Collaudin,
G. Doubrovik

Copy to:

+31 71 565 5244
ESTEC, Noordwijk, NL
T. Paßvogel, G. Crone, C. Scharmberg,
A. Heske

+31 30 254 0860
SRON, Utrecht, NL
C. K. Wafelbakker

+49 89 30000 3272
MPE, Garching, D
O. H. Bauer

+44 1235 44 6667
RAL, Oxfordshire, UK
E. C. Sawyer

Telefax

+49/(0)7545/8-4243

Name

S. Idler

Telephone

+49/(0)7545/8-4671

E-Mail

siegmund.idler@astrium.eads.net

Reference

HP-ASED-FX-0352-06

Date:

22.11.2006

COPY TO: -

Bruce Swartz

Ken King

Ariel Amberg

Sunt. Side

Doug Griffin

Eric Sawyer

Dave Smith

Subject: Instrument Integration and Test Procedures

Dears,

In view of the instrument deliveries in early next year we would like to point out that the most of the integration and test procedures to be delivered from the instrument suppliers are still outstanding.

Instrument procedures for the following activities are required (references to the corresponding AAS-F requirement documents are given in brackets):

Seite 1 von 3

Astrium GmbH
Deutschland/Germany
Telefon: +49 (0)7545 8-01
Telefax: +49 (0)7545 8-4411

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-2-

Integration

- Mechanical integration of WUs on SVM panels (H-P-ASP-SP-1009)
- Mating of WIH to WUs (H-P-ASP-SP-1036)
- Electrical integration of WUs with SVM (H-P-ASP-TS-1127, -1155 and -1160)
- Mating of SVM SIH to WUs
- Mechanical integration of FPU on optical bench
- Mating of CVV int. SIH to FPU
- Connection of WUs with FPU by mating of SVM SIH with CVV SIH at SVM CB
- Mechanical integration of LOU
- Mating of CVV SIH to LOU

Test

- WU/instrument warm functional test/UFT (H-P-ASP-TS-1083)
- SFT warm/cold He I/II (H-P-ASP-TS-1083)
- IST/SPT (H-P-ASP-TS-1083)
- EMC test CE/RS/RE (H-P-ASP-TS-1083)
- TV test (H-P-ASP-TS-1083)

For all the listed integration and test activities ASED will compile the lead procedures following the AAS-F requirements and incorporating the instrument procedures. The ASED lead procedures will be given for review to all involved parties prior to final release.

The instrument integration procedures are required from the instrument suppliers 2 months prior to the instrument delivery at the latest. Such period is the minimum to allow ASED a thorough review of the instrument inputs and a proper preparation and harmonizing of the related ASED lead procedures.

Same is valid for the WU/instrument warm functional test/UFT and SFT procedures.

The IST procedures shall be available by the end of this year to allow debugging on FM SVM with the WU AVMs.

The other test procedures shall be delivered within the instrument EIDPs at the latest.

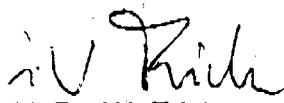
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-3-

Having in mind the lessons learnt during EQM and STM2 we insistently ask the instrument suppliers to respect these latest need dates.

Kind regards

ASTRIUM Satellites


i. V. Dr. W. Fricke


i. A. S. Idler