



1 General Comments

The activities scheduled for this week are those planned for calendar week 26 of year 2014, from 23/06/2014 to 30/06/2014 (DOYs 174 to 181).

The following routine activities were planned during this week (see Gantt chart on next page):

- X-band passes over ESAC and Svalbard.
- One NIR External Calibration on 26/06/2014 with ETO at 17:06:59 with the following calibration values.
 - Brightness Temperature= 3.657085
 - RMS= 0.053591
 - Sun Elevation above MIRAS=-8.611650
 - RA=10.028848
 - DEC=-32.684017
- 2 LONG Calibrations on 27/06/2014. Start time at 02:02:00 and 03:41:00
- One FTTR External Calibration on 28/06/2014 with ETO at 17:07:32 with the following calibration values.
 - Brightness Temperature=3.664218
 - RMS= 0.051046
 - Sun Elevation above MIRAS=-18.838112
 - RA=13.068600
 - DEC=-37.393185
- Local oscillator calibration every 10 minutes.

2 Mission Planning Deviation

No deviations from the nominal planning happened during this week.



Operations Notes

FOS Team @ ESAC

Topic:
Date:
Issue:

FOS Report for week 26
from the 23/06/14 to the 30/06/14
1.0

	JUN-2014						
	Mon, 23-JUN-2014	Tue, 24-JUN-2014	Wed, 25-JUN-2014	Thu, 26-JUN-2014	Fri, 27-JUN-2014	Sat, 28-JUN-2014	Sun, 29-JUN-2014
Int_LO_Phase_Cal_NoUnoise_FULL_NotEXT_SEQ	[Solid black bar]						
SBand_Visibility_SEQ	[Vertical tick marks]						
XB_Cmd_Downlink_Svalb_SEQ	[Vertical tick marks]						
XB_Cmd_Downlink_Vilspa_SEQ	[Vertical tick marks]						
Update_Cyclic_LO_Ph_Cal_NoU_Full_EXT_SEQ				↑		↑	
External_Calibration_NIR_Full_OBOP_SEQ				█			
Int_LO_Phase_Cal_NoUnoise_FULL_EXT_SEQ				█		█	
Disable_Cyclic_Function_SEQ				↑	↑↑	↑	
Enable_Cyclic_Function_SEQ				↑	↑↑	↑	
Update_Cyclic_LO_Ph_Cal_NoU_Full_NotEXT_SEQ				↑		↑	
Long_Calibration_Full_OBOP_SEQ							
External_Calibration_Full_OBOP_SEQ						█	



3 TC Failures

None.

4 Unforeseen Out of Limits (OOLs)

No out limits received during this week

5 On Board Anomalies

No reported On-Board anomalies during this period.

6 Telemetry On Board Events in the period.

No RAM Single bit errors were detected during the present reporting period.

7 FOS System Status

All FOS systems behaved nominal during this period except for the filesystem of MUSTPC2 machine that temporary filled on 26/06/2014 due to the ongoing ingestion process of the calibration database. The partition was cleaned and the situation later on recovered without any problem.

8 Data Reception from CNES

All SBand passes have been nominally acquired and processed by FOS.

9 X-Band Data Reception in PXMF

Not used during the present reporting period.

10 Exceptional Activities

None.

11 AOB

None.



APPENDIX A: OOL's

No relevant Our of Limits were received this week.