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This request revision is contained in a delivery and is frozen. Changes must be saved as a new revision.

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ID:	RSS_051EA_UPLINKTST001_PRIME		
Title:	Uplink Test	Revision:	8
Rev Created:	25 Jun 2007, 14:31, by Anabtawi, Aseel	Priority:	2
Updated:	25 Jun 2007, 14:36, by Anabtawi, Aseel	Comments:	0
Start Time:	2007-308T11:25:00 GMT		
Pre Start Tolerance:	003T12:00:00		
Post Start Tolerance:	003T12:00:00		
Duration:	000T01:00:00		
End Time:	2007-308T12:25:00 GMT		
Change:	Revision3: Change to Uplink Test		
Change Justification:	Revision3, 6/25/07: Change activity from Boresight to Uplink Test. RSS will not be conducting a Boresight and will instead be conducting an uplink test. Change name from RSS_051EA_BORESIGHT002_PRIME. -Aseel		
	Revision2, 4/13/07: Move activity two hours earlier per request from Shawn Boll to give NAV more 2-way data. -Aseel		
	Correct Op Mode to RSSK_RWAF		
Visibility:	Public		
SPASS Type:	Prime		
Group Filter:			
Contact Info:			
Description:	HGA Boresight Calibration; Pointing=XBAND to Earth + crosshair maneuver. Last hour (crosshair maneuver) required to be tracked at DSS-25 in 1-way mode. Playback of telemetry required afterwards for C-Kernel generation.		

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Pointing Information			
Pointing:	XBAND to Earth + crosshair maneuver		
Agreement:			
Primary Pointing:	XBAND to Earth		
Secondary Pointing:	PIC		
Resources			
Sequence Type:	Background	SSR Data Class:	Normal
Op Mode:	RSS Warm-up	Telem Mode:	-
Power (watts):	38.7	Est CDS Words:	200
Rate Multiplier:		APGEN Rate:	0
Effective Rate:	0 bps	Data Volume:	0 x 10 ⁶ bits
Frames:		Bits Per Frame:	
Team Consumables:	Ka-TWTA and KEX on at start; off at end. KAT thermal cycles incurred=0.2500		
IEB Text:			
Apgen Fields			

Activity Type:	RSS Activity		
<u>Attributes</u>		<u>Parameters</u>	
Legend:	RSS	CDSWords:	200
Duration:	000T01:00:00	Power:	38.7
Color:	Dodger Blue	SSRDataClass:	Normal
Pattern:	60 - Large Pinwheels		
Description:	see above		

Green items are request fields shown here for clarity

Support and Other Descriptive Information

Liens:

Waivers:

RTC:

FSW Loads:

ITL Request:

Special DSN Requirements: DSS-25, 1-way is required for at least 1 hour covering the crosshair maneuver, to obtain X- and Ka-band downlink data coherent with the USO.

Special Requirements: A Quiet S/C (as defined in ECR 82324) is required. RWA control is required.

Also, this activity may need to start with the RSS PIM Warm-Up Op Mode, and be followed 2 hours later with the RSS Warm-Up Op Mode. IO-RS Ops should be consulted, along with the integrated and approved activities TOL, before SASF generation.

Support Imaging Required:

Document References:

As Flown:

SASF Fields

Processor:

Key:

Workgroup:

Status:

Upper Label:

Lower Label:

Edit Group:

Request State:

Associated Observations

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Last Updated	Observation	Rev	Cmts

Associated External Files

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File Name	Relative Path	Last Modified	File Size
RSS_051EA_BORESIGHT002_PRIME.xfr	SOP_Implementation/s35_s36/port2/official/ck/	07 Sep 2004, 19:17	921kb
RSS_051EA_BORESIGHT002_PRIME.sfof	SOP_Implementation/s35_s36/port2/official/sfof/	07 Sep 2004, 19:12	17kb
RSS_051EA_BORESIGHT002_PRIME.xfr	SOP_Implementation/s35_s36/port2/prelim/ck/	01 Sep 2004, 11:22	921kb
RSS_051EA_BORESIGHT002_PRIME.sfof	SOP_Implementation/s35_s36/port2/prelim/sfof/	01 Sep 2004, 11:16	17kb
RSS_051EA_BORESIGHT002_PRIME.sfof	SOP_Implementation/s35_s36/port1/official/sfof/	20 Aug 2004, 15:34	17kb
RSS_051EA_BORESIGHT002_PRIME.xfr	SOP_Implementation/s35_s36/port1/official/ck/	20 Aug 2004, 15:31	921kb
RSS_051EA_BORESIGHT002_PRIME.xfr	SOP_Implementation/s35_s36/port1/prelim/ck/	05 Aug 2004, 17:42	841kb
RSS_051EA_BORESIGHT002_PRIME.sfof	SOP_Implementation/s35_s36/port1/prelim/sfof/	05 Aug 2004, 17:34	17kb

Steps

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Type	Label	Name	Offset	Off-Type