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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_00CEA_PATTERN002_PRIME		
Title:	HGA Pattern Calibration	Revision:	3
Rev Created:	09 Nov 2004, 12:34, by Goltz, Gene L	Priority:	-
Updated:		Comments:	0
Start Time:	2005-025T03:00:00 GMT		
Pre Start	007T00:00:00		
Tolerance:			
Post Start	007T00:00:00		
Tolerance:			
Duration:	000T05:00:00		
End Time:	2005-025T08:00:00 GMT		
Change:	modify per SCR 796		
Change Justification:			
Visibility:	Public		
SPASS Type:	Prime		
Group Filter:			
Contact Info:			
Description:	HGA Pattern Calibration; Pointing: XBAND to Earth + large raster scan maneuver (for X and S bands, Ka-band if possible). Five hours required to be tracked at both DSS-25 and DSS-14 in 1-way mode. Playback of telemetry required afterwards for C-Kernel generation,		

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Pointing Information			
Pointing:	XBAND to Earth + raster scan maneuver		
Agreement:			
Primary Pointing:	XBAND to Earth		
Secondary Pointing:	PIC		
Resources			
Sequence Type:	Background	SSR Data Class:	Normal
Op Mode:	RSS3/RWA	Telem Mode:	-
Power (watts):	89.3	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, KEX, and SBT already on. Thermal Cycles incurred = 0.5625		
IEB Text:			
Apgen Fields			
Activity Type:	RSS_Activity		
<u>Attributes</u>		<u>Parameters</u>	
Legend:	RSS	CDSWords:	200
Duration:	000T05:00:00	Power:	89.3
Color:	Khaki	SSRDataClass:	Normal

Pattern: 0 - Solid Color
 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 and DSS-14 are required for at least the last 10 hours, in 1-way mode, to cover the raster scan. DSS-25 is required to obtain Ka-band downlink data, and DSS-14 is required to obtain S-band downlink data. (X-band downlink data is acquired at both stations.)
 Special Requirements: A Quiet S/C (as defined in ECR 82324) is required. RWA control is required.

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_00CEA_PATTERN002_PRIME.xfr	SOP_Update/s08/port1/official/ck/	12 Oct 2004, 13:51	5795kb
RSS_00CEA_PATTERN002_PRIME.sfof	SOP_Update/s08/port1/official/sfof/	12 Oct 2004, 13:50	132kb
RSS_00CEA_PATTERN002_PRIME.xfr	SOP_Update/s08/port1/prelim/ck/	04 Oct 2004, 13:31	5731kb
RSS_00CEA_PATTERN002_PRIME.sfof	SOP_Update/s08/port1/prelim/sfof/	04 Oct 2004, 13:30	132kb
RSS_00CEA_PATTERN002_PRIME.xfr	SOP_Implementation/s07_s08/port3/official/ck/	09 Jul 2003, 17:13	5721kb
RSS_00CEA_PATTERN002_PRIME.xfr	SOP_Implementation/s07_s08/port2/official/ck/	19 Jun 2003, 16:55	5721kb
RSS_00CEA_PATTERN002_PRIME.xfr	SOP_Implementation/s07_s08/port1/official/ck/	22 May 2003, 19:06	5721kb
RSS_00CEA_PATTERN002_PRIME.sfof	SOP_Implementation/s07_s08/port1/prelim/sfof/	14 May 2003, 19:04	132kb
RSS_00CEA_PATTERN002_PRIME.xfr	SOP_Implementation/s07_s08/port1/prelim/ck/	14 May 2003, 19:04	5812kb

Steps

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Type	Label	Name	Offset	Off-Type

