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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_083EA_SCE5010_RSS		
Title:	Solar Conjunction Experiment (SCE) #5	Revision:	2
Rev Created:	26 Feb 2008, 14:08, by Anabtawi, Aseel	Priority:	2
Updated:		Comments:	0
Start Time:	2008-247T04:14:00 GMT		
Pre Start Tolerance:	000T00:00:00		
Post Start Tolerance:	000T00:00:00		
Duration:	000T11:05:00		
End Time:	2008-247T15:19:00 GMT		
Change:	Revision1 Update Opmode		
Change Justification:	Revision1, 2/26/08: Update Opmode. RSS was using "RSS Warm-up" in CIMSS for RSSK requests because RSSK was not an option in the "Op Mode" pull-down menu. RSSK was recently added, so the opmode was updated to show RSSK. -Aseel		
Visibility:	Public		
SPASS Type:	SPASS Rider (Collaborative: No)		
Group Filter:	SWG		
Contact Info:	Aseel Anabtawi, 393-1073		
Description:	Characterize the solar corona at 2 frequency bands (X and Ka1), and assess the electron content and possible Faraday rotation, during the solar conjunction period. Also, Operations Readiness Test (ORT), to demonstrate DSN and RSSG preparedness to support the Rev84 Rings Occultation experiment on DOY 254.		

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Pointing Information			
Pointing:	XBAND to Earth		
Agreement:			
Primary Pointing:	XBAND to Earth		
Secondary Pointing:	PIC		
Resources			
Sequence Type:	Background	SSR Data Class:	Normal
Op Mode:	RSSK	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		
Attributes		Parameters	
Legend:	RSS	CDSWords:	200
Duration:	000T11:05:00	Power:	38.7

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-55 required to obtain X- and Ka-band downlink data.		
Special Requirements:	This activity will need to start with the RSS PIM Warm-Up (RSSP_RWAF) Op Mode, and be followed 5 minutes later with the RSS Ka-frequency (RSSK_RWAF) 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

Steps

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Type	Label	Name	Offset	Off-Type