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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_155EA_SCE8010_RSS	
Title:	Solar Conjunction Experiment (SCE) #8	Revision: 1
Rev Created:	24 Jun 2010, 16:40, by Anabtawi, Aseel	Priority: 2
Updated:	24 Jun 2010, 16:42, by Anabtawi, Aseel	Comments: 0
Start Time:	2011-287T06:31:00 GMT	
Pre Start	000T00:00:00	
Tolerance:		
Post Start	000T00:00:00	
Tolerance:		
Duration:	000T08:15:00	
End Time:	2011-287T14:46:00 GMT	
Change:	created from copy	
Change Justification:		
Visibility:	Public	
SPASS Type:	SPASS Rider (Collaborative: No)	
Group Filter:	MAPS	
Contact Info:	Aseel Anabtawi, 393-1073	
Description:	Characterize the solar corona at 2 frequency bands (X and Ka1 or X and S, depending on DSN antenna requested by SP), and assess the electron content and possible Faraday rotation, during the solar conjunction period.	

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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:	000T08:15:00	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) Opmode, and be followed 5 minutes later with the RSS Ka-frequency (RSSK-SLOW) Opmode. 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:

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Last Updated	Observation	Rev	Cmts

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File Name	Relative Path	Last Modified	File Size

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Type	Label	Name	Offset	Off-Type