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

**Request Header** [Description](#) [Observations](#) [Files](#) [Steps](#)

ID:	RSS_155EA_SCE8009_RSS		
Title:	Solar Conjunction Experiment (SCE) #8	Revision:	2
Rev Created:	15 Mar 2011, 17:21, by <a href="#">Anabtawi, Aseel</a>	Priority:	2
Updated:		Comments:	<a href="#">0</a>
Start Time:	2011-285T20:01:00 GMT		
Pre Start Tolerance:	000T00:00:00		
Post Start Tolerance:	000T00:00:00		
Duration:	000T09:00:00		
End Time:	2011-286T05:01:00 GMT		
Change:	Revision1 Change from S to Ka		
Change Justification:	Revision1, 3/15/11, Change from S to Ka: Downlink pass was changed from a 70-m (DSS-43) to a BWG (DSS-34), so change Opmode accordingly. -Aseel		
Visibility:	Public		
SPASS Type:	SPASS Rider (Collaborative: No)		
Group Filter:	SOST		
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.		

**Request Description** [Header](#) [Observations](#) [Files](#) [Steps](#)

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 <sup>6</sup> 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:	<a href="#">RSS Activity</a>		
<u>Attributes</u>		<u>Parameters</u>	
Legend:	RSS	CDSWords:	200
Duration:	000T09:00:00	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-34 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:

Associated Observations [Header](#) [Description](#) [Files](#) [Steps](#)

Last Updated	Observation	Rev	Cmts

Associated External Files [Header](#) [Description](#) [Observations](#) [Steps](#)

File Name	Relative Path	Last Modified	File Size

Steps [Header](#) [Description](#) [Observations](#) [Files](#)

Type	Label	Name	Offset	Off-Type