



**Display**

Request

[Crit Diff](#)

Relationships

[Deliveries](#)

[Prime/Rider](#)

Export

[XML](#)

[Summary-Text](#)

[APF](#)

Comments

[View](#)

[Add](#)

Page

[Legend](#)

[Help](#)

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_173EA_SCE9004_RSS		
Title:	Solar Conjunction Experiment (SCE) #9	Revision:	2
Rev Created:	03 Nov 2011, 15:25, by <a href="#">Anabtawi, Aseel</a>	Priority:	2
Updated:		Comments:	<a href="#">0</a>
Start Time:	2012-282T07:01:00 GMT		
Pre Start Tolerance:	000T00:00:00		
Post Start Tolerance:	000T00:00:00		
Duration:	000T09:00:00		
End Time:	2012-282T16:01:00 GMT		
Change:	Revision1 Switch from RSSK to RSS2		
Change Justification:	Revision1, 11/3/11, Switch from RSSK to RSS2: 55 in weekly maintenance, 54 downtime (DSN proposed downtime), so use SP's downlink pass, DSS-65. -Aseel		
Visibility:	Public		
SPASS Type:	SPASS Rider (Collaborative: No)		
Group Filter:	MAPS		
Contact Info:	Aseel Anabtawi, 393-1073		
Description:	<p>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.</p> <p>DSS-54 (or DSS-55) required for X- and Ka-band supports.            Edit: Neither station is available. Use DSS-65 for X- and S-band supports.</p>		

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

<b>Pointing Information</b>			
Pointing:	XBAND to Earth		
Agreement:			
Primary Pointing:	XBAND to Earth		
Secondary Pointing:	PIC		
<b>Resources</b>			
Sequence Type:	Background	SSR Data Class:	Normal
Op Mode:	RSS2/RWA	Telem Mode:	-
Power (watts):	41.7	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:	SBT on at start; off at end.		
IEB Text:			
<b>Apgen Fields</b>			
Activity Type:	<a href="#">RSS Activity</a>		
<u>Attributes</u>		<u>Parameters</u>	
Legend:	RSS	CDSWords:	200

Duration:	000T09:00:00	Power:	41.7
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. Edit: DSS-55 and DSS-54 unavailable. Use DSS-65 for X- and S-band supports.
Special Requirements:	his activity will need to start with the RSS S-band frequency Opmode (RSS2, SLOW an option). 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