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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_226EA_SCE12005_RSS		
Title:	Solar Conjunction Experiment (SCE) #12	Revision:	2
Rev Created:	21 May 2015, 20:51, by <a href="#">Anabtawi, Aseel</a>	Priority:	2
Updated:	21 May 2015, 20:52, by <a href="#">Anabtawi, Aseel</a>	Comments:	0
Start Time:	2015-332T19:58:00 GMT		
Pre Start Tolerance:	000T00:00:00		
Post Start Tolerance:	000T00:00:00		
Duration:	000T09:00:00		
End Time:	2015-333T04:58:00 GMT		
Change:	Revision1 Switch to DSS-34/Ka-band		
Change Justification:	Revision1, 5/21/15, Switch to DSS-34/Ka-band: Per email from Kelly. -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 used for downlink), and assess the electron content and possible Faraday rotation, during the solar conjunction period.</p> <p>DSS-34 required for X- and Ka-band supports.</p> <p>If DSN coverage changes to an antenna that supports X- and Ka-band instead, then change Opmode to RSSK.</p>		

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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 <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>		
<a href="#">Attributes</a>		<a href="#">Parameters</a>	
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 K-band downlink data.  
 Special Requirements: This 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.  
 If DSN coverage changes to an antenna that supports X- and Ka-band instead, then change Opmode to RSSK.  
 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