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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_198EA_SCE10005_RSS	
Title:	Solar Conjunction Experiment (SCE) #10	Revision: 2
Rev Created:	12 Mar 2013, 13:04, by Anabtawi, Aseel	Priority: 2
Updated:	12 Mar 2013, 13:05, by Anabtawi, Aseel	Comments: 0
Start Time:	2013-304T14:00:00 GMT	
Pre Start Tolerance:	000T00:00:00	
Post Start Tolerance:	000T00:00:00	
Duration:	000T08:45:00	
End Time:	2013-304T22:45:00 GMT	
Change:	Revision1 Move	
Change Justification:	Revision1, 3/12/13, Move: From Madrid to Goldstone, per XD CCR. Downlink was moved due to Madrid complex being down. -Aseel	
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 used for downlink), and assess the electron content and possible Faraday rotation, during the solar conjunction period.	
	DSS-25 or DSS-26 required for X- and Ka-band supports.	

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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:	000T08:45:00	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-25 or DSS-26 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

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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