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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_SCE12004_RSS	
Title:	Solar Conjunction Experiment (SCE) #12	Revision: 3
Rev Created:	09 Mar 2015, 11:59, by Anabtawi, Aseel	Priority: 2
Updated:		Comments: 0
Start Time:	2015-328T19:23:00 GMT	
Pre Start Tolerance:	000T00:00:00	
Post Start Tolerance:	000T00:00:00	
Duration:	000T10:45:00	
End Time:	2015-329T06:08:00 GMT	
Change:	Revision2 Start Earlier	
Change Justification:	Revision2, 3/9/15, Start Earlier: Star 1.5hr earlier per email from Shawn Brooks since preceding YGAP was deleted. -Aseel	
	Revision1, 2/17/15, Update Start Time: To align with downlink pass. -Aseel	
Visibility:	Public	
SPASS Type:	SPASS Rider (Collaborative: No)	
Group Filter:	SWG	
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-43 required for X- and S-band supports.	
	If DSN coverage changes to an antenna that supports X- and Ka-band instead, then change Opmode to RSSK.	

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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:	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 ⁶ bits
Frames:		Bits Per Frame:	
Team Consumables:	SBT on at start; off at end.		
IEB Text:			
Apgen Fields			
Activity Type:	RSS_Activity		

<u>Attributes</u>		<u>Parameters</u>	
Legend:	RSS	CDSWords:	200
Duration:	000T10:45:00	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-43 required to obtain X- and S-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:

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