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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_150SA_OCCORT002_RSS		
Title:	RSS Operational Readiness Test	Revision:	2
Rev Created:	05 Nov 2010, 13:05, by Anabtawi, Aseel	Priority:	2
Updated:	05 Nov 2010, 13:07, by Anabtawi, Aseel	Comments:	0
Start Time:	2011-190T23:39:00 GMT		
Pre Start	001T12:00:00		
Tolerance:			
Post Start	003T12:00:00		
Tolerance:			
Duration:	000T11:00:00		
End Time:	2011-191T10:39:00 GMT		
Change:	Revision1 Move		
Change Justification:	Revision1, 10/5/10, Move: From DOY 194 because downlink was upgraded to 70-m. Also, changed Ka-TWTA maintenance from 5 mins to 2-hrs because preceding USO/PIM was moved to DOY 202, so 2-hr Ka-TWTA maintenance will be needed. - Aseel		
Visibility:	Public		
SPASS Type:	SPASS Rider (Collaborative: No)		
Group Filter:	SWG		
Contact Info:	Aseel Anabtawi, 393-1073		
Description:	RSS Operations Readiness Test (ORT), to demonstrate DSN and RSSG preparedness to support the Rev151 Saturn atmospheric occultation on 2011/213. DSS-34 required for X- and Ka-band support.		

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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		
<u>Attributes</u>		<u>Parameters</u>	
Legend:	RSS	CDSWords:	200

Duration:	000T11:00:00	Power:	38.7
Color:	Hot Pink	SSRDataClass:	Normal
Pattern:	60 - Large Pinwheels		
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 Opmode (RSSP_RWAF), and be followed 2-hours later with the RSS Ka-frequency Opmode (RSSK, 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

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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