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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_187SA_OCCORT001_RSS		
Title:	RSS Operational Readiness Test	Revision:	1
Rev Created:	10 Nov 2011, 14:32, by Anabtawi, Aseel	Priority:	2
Updated:	10 Nov 2011, 14:33, by Anabtawi, Aseel	Comments:	0
Start Time:	2013-110T19:02:00 GMT		
Pre Start	001T12:00:00		
Tolerance:			
Post Start	003T12:00:00		
Tolerance:			
Duration:	000T09:00:00		
End Time:	2013-111T04:02:00 GMT		
Change:	created from copy		
Change Justification:			
Visibility:	Public		
SPASS Type:	SPASS Rider (Collaborative: No)		
Group Filter:	MAPS		
Contact Info:	Aseel Anabtawi, 393-1073		
Description:	RSS Operations Readiness Test (ORT), to demonstrate DSN and RSSG preparedness to support the Rev189 Saturn rings and atmospheric occultation on 2013/130.		
	DSS-55 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:	000T09:00:00	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-55 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 5 minutes 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:

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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