



**Display**

Relationships

[Deliveries](#)

[Prime/Rider](#)

Export

[XML](#)

[Summary-Text](#)

[APF](#)

Comments

[View](#)

[Add](#)

Page

[Legend](#)

[Help](#)

This request revision is contained in a delivery and is frozen. Changes must be saved as a new revision.

**Request Header** [Description](#) [Observations](#) [Files](#) [Steps](#)

ID:	RSS_150SA_OCCORT003_RSS		
Title:	RSS Operational Readiness Test	Revision:	1
Rev Created:	27 May 2010, 17:33, by <a href="#">Anabtawi, Aseel</a>	Priority:	2
Updated:	27 May 2010, 17:34, by <a href="#">Anabtawi, Aseel</a>	Comments:	0
Start Time:	2011-196T01:24:00 GMT		
Pre Start	001T12:00:00		
Tolerance:			
Post Start	003T12:00:00		
Tolerance:			
Duration:	000T09:00:00		
End Time:	2011-196T10:24:00 GMT		
Change:	created from copy		
Change Justification:			
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.		

**Request Description** [Header](#) [Observations](#) [Files](#) [Steps](#)

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>		
Attributes	Parameters		
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-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 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:

**Associated Observations**

[Header](#) [Description](#) [Files](#) [Steps](#)

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