



Display

Request

[Crit Diff](#)

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_092SA_GRAVORT002_RSS		
Title:	RSS Operational Readiness Test	Revision:	2
Rev Created:	27 Feb 2008, 17:05, by Anabtawi, Aseel	Priority:	2
Updated:	27 Feb 2008, 17:05, by Anabtawi, Aseel	Comments:	0
Start Time:	2008-312T10:03:00 GMT		
Pre Start Tolerance:	001T12:00:00		
Post Start Tolerance:	003T12:00:00		
Duration:	000T07:47:00		
End Time:	2008-312T17:50:00 GMT		
Change:	Revision1 Update Opmode, Change Start Time by 2hrs (later), Correct End Time		
Change Justification:	Revision1, 2/27/08, Update Opmode, Change Start Time by 2hrs (later), and Correct End Time: RSS was using "RSS Warm-up" in CIMS for RSSK requests because RSSK was not an option in the "Op Mode" pull-down menu. RSSK was recently added, so the opmode was updated to show RSSK. Also, Forgo 2-hr warm-up so that unique RSSK-FULL Opmode will not be required. Use RSSK-SLOW. Also, correct end time to align with end of downlink. Old time 1008 is incorrect. End of downlink is at 1750. -Aseel		
Visibility:	Public		
SPASS Type:	SPASS Rider (Collaborative: No)		
Group Filter:	SOST		
Contact Info:	Aseel Anabtawi, 393-1073		
Description:	RSS Operations Readiness Test (ORT), to demonstrate DSN and RSSG preparedness to support the Rev92 and Rev93 Saturn Gravity experiments on DOY 313 and DOY 322.		

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 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:	000T07:47:00	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-25 and 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 (RSSP_RWAF) Op Mode, and be followed 5 minutes later with the RSS Ka-frequency Op Mode (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