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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_090SA_OCCORT005_RSS		
Title:	RSS Operational Readiness Test	Revision:	1
Rev Created:	01 May 2008, 12:04, by Anabtawi, Aseel	Priority:	2
Updated:	01 May 2008, 12:10, by Anabtawi, Aseel	Comments:	0
Start Time:	2008-301T03:17:00 GMT		
Pre Start	001T12:00:00		
Tolerance:			
Post Start	003T12:00:00		
Tolerance:			
Duration:	000T09:05:00		
End Time:	2008-301T12:22:00 GMT		
Change:	Separate DSS-54 ORT		
Change Justification:	5/1/08: This ORT pass was part of the ORT on DOY 302 (RSS_091SA_OCCORT001_RSS), but had to move to a different day because opmode plans changed for DOY 302 and Ka-band will not be ON until after DSS-54 is over. -Aseel		
Visibility:	Public		
SPASS Type:	SPASS Rider (Collaborative: No)		
Group Filter:	RWG		
Contact Info:	Aseel Anabtawi, 393-1073		
Description:	RSS Operations Readiness Test (ORT), to demonstrate DSN and RSSG preparedness to support the T46 Titan Bistatic and Occultation on DOY 308.		

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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		
Attributes		Parameters	
Legend:	RSS	CDSWords:	200
Duration:	000T09:05:00	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-54 required to obtain X- and Ka-band downlink data. Ka-band will be ON during the entire Madrid downlink (prime over DSS-63), but a 4-hr long DSS-54 pass is sufficient for this ORT.		
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:			

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Last Updated	Observation	Rev	Cmts

Associated External Files [Header](#) [Description](#) [Observations](#) [Steps](#)

File Name	Relative Path	Last Modified	File Size

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Type	Label	Name	Offset	Off-Type