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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_188SA_OCCORT001_RSS   |           |                   |
| Title:                | RSS Operational Readiness Test  | Revision: | 2                 |
| Rev Created:          | 05 Sep 2012, 13:55, by <a href="#">Anabtawi, Aseel</a>  | Priority: | 2                 |
| Updated:              |   | Comments: | <a href="#">0</a> |
| Start Time:           | 2013-124T18:02:00 GMT   |           |                   |
| Pre Start             | 001T12:00:00  |           |                   |
| Tolerance:            |   |           |                   |
| Post Start            | 003T12:00:00  |           |                   |
| Tolerance:            |   |           |                   |
| Duration:             | 000T07:30:00  |           |                   |
| End Time:             | 2013-125T01:32:00 GMT   |           |                   |
| Change:               | Revision1 Move  |           |                   |
| Change Justification: | Revision1, 9/5/12, Move: From DOY 122 to DOY 124 to ride-along with the downlink pass on DOY 124 instead of requesting an additional track (to shadow the DSS-63 downlink pass) on DOY 122. Move approved by Shawn Boll. -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 Rev189 Saturn rings and atmospheric occultation on 2013/130.   |           |                   |
|                       | DSS-55 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>  |                   |                          |
| <u>Attributes</u>    |   | <u>Parameters</u> |                          |
| Legend:              | RSS   | CDSWords:         | 200                      |

Duration: 000T07:30:00 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:

**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 |
|-----------|---------------|---------------|-----------|
|           |               |               |           |

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| Type | Label | Name | Offset | Off-Type |
|------|-------|------|--------|----------|
|      |       |      |        |          |