



- Main
- Observations
- Requests
- Deliveries
- Transfer
- Help
- Logout

**View                      Library**

- 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_083EA_SCE5007_RSS   |           |                   |
| Title:                | Solar Conjunction Experiment (SCE) #5   | Revision: | 2                 |
| Rev Created:          | 26 Feb 2008, 14:05, by <a href="#">Anabtawi, Aseel</a>  | Priority: | 2                 |
| Updated:              |   | Comments: | <a href="#">0</a> |
| Start Time:           | 2008-244T04:29:00 GMT   |           |                   |
| Pre Start Tolerance:  | 000T00:00:00  |           |                   |
| Post Start Tolerance: | 000T00:00:00  |           |                   |
| Duration:             | 000T11:05:00  |           |                   |
| End Time:             | 2008-244T15:34:00 GMT   |           |                   |
| Change:               | Revision1 Update Opmode   |           |                   |
| Change Justification: | Revision1, 2/26/08: Update Opmode. RSS was using "RSS Warm-up" in CIMSS 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. -Aseel |           |                   |
| Visibility:           | Public  |           |                   |
| SPASS Type:           | SPASS Rider (Collaborative: No)   |           |                   |
| Group Filter:         | SWG   |           |                   |
| Contact Info:         | Aseel Anabtawi, 393-1073  |           |                   |
| Description:          | Characterize the solar corona at 2 frequency bands (X and Ka1), and assess the electron content and possible Faraday rotation, during the solar conjunction period.   |           |                   |

**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:            | 000T11:05:00  | Power:            | 38.7                     |
| Color:               | Khaki   | SSRDataClass:     | Normal                   |

Pattern: 0 - Solid Color  
 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 (RSSP\_RWAF) Op Mode, and be followed 5 minutes later with the RSS Ka-frequency (RSSK\_RWAF) Op Mode. 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 |
|------|-------|------|--------|----------|
|      |       |      |        |          |