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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_049EA_SCE4008_RSS   |             |
| Title:                | Solar Conjunction Experiment (SCE) #4   | Revision: 1 |
| Rev Created:          | 31 Mar 2006, 09:38, by <a href="#">Goltz, Gene L</a>  | Priority: 2 |
| Updated:              | 31 Mar 2006, 09:38, by <a href="#">Goltz, Gene L</a>  | Comments: 0 |
| Start Time:           | 2007-226T12:00:00 GMT   |             |
| Pre Start Tolerance:  | 000T00:00:00  |             |
| Post Start Tolerance: | 000T00:00:00  |             |
| Duration:             | 000T11:05:00  |             |
| End Time:             | 2007-226T23:05:00 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:          | 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:             | RSS Warm-up   | 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-25 required to obtain 2-way 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**

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| Last Updated | Observation | Rev | Cmts |
|--------------|-------------|-----|------|
|              |             |     |      |

**Associated External Files**

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| File Name | Relative Path | Last Modified | File Size |
|-----------|---------------|---------------|-----------|
|           |               |               |           |

**Steps**

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