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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_SCE4014_RSS | |
| Title: | Solar Conjunction Experiment (SCE) #4 | Revision: 1 |
| Rev Created: | 31 Mar 2006, 09:43, by Goltz, Gene L | Priority: 2 |
| Updated: | 31 Mar 2006, 09:44, by Goltz, Gene L | Comments: 0 |
| Start Time: | 2007-232T11:55:00 GMT | |
| Pre Start | 000T00:00:00 | |
| Tolerance: | | |
| Post Start | 000T00:00:00 | |
| Tolerance: | | |
| Duration: | 000T11:05:00 | |
| End Time: | 2007-232T23:00:00 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. | |

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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: | 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 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 | | |
| <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 |
|------|-------|------|--------|----------|
| | | | | |