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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_198EA_SCE10007_RSS | |
| Title: | Solar Conjunction Experiment (SCE) #10 | Revision: 1 |
| Rev Created: | 11 Nov 2011, 16:02, by Anabtawi, Aseel | Priority: 2 |
| Updated: | 11 Nov 2011, 16:05, by Anabtawi, Aseel | Comments: 0 |
| Start Time: | 2013-309T06:59:00 GMT | |
| Pre Start | 000T00:00:00 | |
| Tolerance: | | |
| Post Start | 000T00:00:00 | |
| Tolerance: | | |
| Duration: | 000T07:15:00 | |
| End Time: | 2013-309T14:14:00 GMT | |
| Change: | created from copy | |
| Change Justification: | | |
| Visibility: | Public | |
| SPASS Type: | SPASS Rider (Collaborative: No) | |
| Group Filter: | MAPS | |
| Contact Info: | Aseel Anabtawi, 393-1073 | |
| Description: | <p>Characterize the solar corona at 2 frequency bands (X and Ka1 or X and S, depending on DSN antenna used for downlink), and assess the electron content and possible Faraday rotation, during the solar conjunction period.</p> <p>DSS-55 required for X- and Ka-band supports.</p> | |

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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 | | |
| <u>Attributes</u> | | <u>Parameters</u> | |
| Legend: | RSS | CDSWords: | 200 |
| Duration: | 000T07:15:00 | 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) Opmode, and be followed 5 minutes later with the RSS Ka-frequency (RSSK-SLOW) Opmode. 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 |
|--------------|-------------|-----|------|
| | | | |

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

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

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