

S13 Rev 12 Rings/Saturn Ingress and Egress Occultation RSR Assignments, Configuration & Operations

Madrid (SPC-60)

RSR1A DSS-55 X

RSR1B DSS-55 K

RSR2A DSS-63 X

RSR2B DSS-63 S

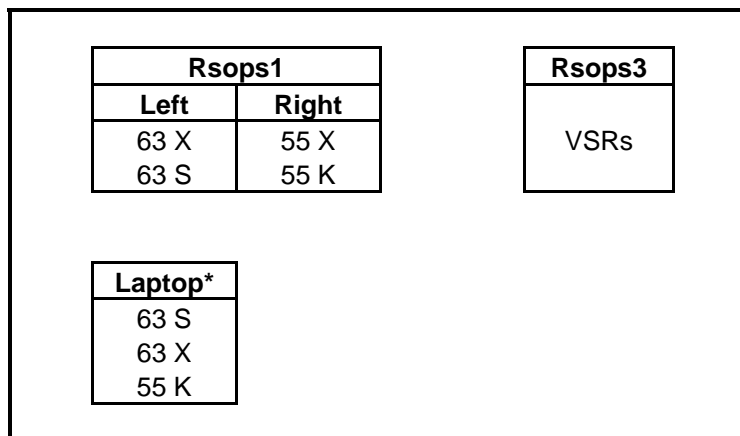
- All RSRs will be recording RCP
- VSRs at Madrid will be used to record X-LCP and S-LCP at the 70-m antennas

**Fgain values must be set at beginning of recording
(use values that were used for Rev 11):**

34-m

70-m

All 16 bit recordings.



Subchannel Bandwidth Configuration

Madrid

| | SPC | S | X | | Ka |
|-----------|-----|--------|--------|--------|--------|
| | 60 | 63 | 63S | 55 | 55 |
| Bandwidth | 1 | RSR2B1 | RSR2A1 | RSR1A1 | RSR1B1 |
| | 16 | RSR2B2 | RSR2A2 | RSR1A2 | RSR1B2 |
| | 50 | RSR2B3 | RSR1A3 | RSR1A3 | RSR1B3 |
| | 100 | RSR2B4 | RSR1A4 | RSR1A4 | RSR1B4 |

Recording Times

Madrid

| SPC | | S | X | | Ka |
|---------|-------|-------|-------|-------|-------|
| 60 | | 63 | 63 | 55 | 55 |
| Ingress | Begin | 08:05 | 08:05 | 08:05 | 08:05 |
| | End | 11:40 | 11:40 | 11:40 | 11:40 |
| Egress | Begin | 12:55 | 12:55 | 12:55 | 12:55 |
| | End | 16:55 | 16:55 | 16:55 | 16:55 |

RSR Subchannel Bandwidth & File Size

Time 7.58

| | SPC | S | X | | Ka |
|-----------|--------------|--------|--------|--------|--------|
| | 60 | 63 | 63 | 55 | 55 |
| Bandwidth | 1 | 109.2 | 109.2 | 109.2 | 109.2 |
| | 16 | 1747.2 | 1747.2 | 1747.2 | 1747.2 |
| | 50 | 5460 | 5460 | 5460 | 5460 |
| | 100 | 10920 | 10920 | 10920 | 10920 |
| | Total | 18236 | 18236 | 18236 | 18236 |

Madrid Total: 72946 MBytes

Grand Total: 72,946 MB