



## S11 Rev 8 RSR Assignments, Configuration & Operations

### Canberra (SPC-40)

RSR1A DSS-34 X  
RSR1B DSS-34 K

RSR2A DSS-43 X  
RSR2B DSS-43 S

### 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 Canberra and 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 7:

**34-m**

**70-m**

| Rsops2  |       | Rsops1 |       | Rsops3 |
|---------|-------|--------|-------|--------|
| Left    | Right | Left   | Right | VSRs   |
| 63X     | 55X   | 43X    | 34X   |        |
| 63S     | 55K   | 43S    | 34K   |        |
| Laptop* |       |        |       |        |
| 43X     | 63X   |        |       |        |
| 34K     | 55K   |        |       |        |
| 43S     | 63S   |        |       |        |

\* Via bconnect

## Subchannel Bandwidth Configuration

### Canberra

|           | SPC | S      | X      |        | Ka     |
|-----------|-----|--------|--------|--------|--------|
|           | 40  | 43     | 43     | 34     | 34     |
| Bandwidth | 1   | RSR2B1 | RSR2A1 | RSR1A1 | RSR1B1 |
|           | 16  | RSR2B2 | RSR2A2 | RSR1A2 | RSR1B2 |
|           | 50  | RSR2B3 | RSR1A3 | RSR1A3 | RSR1B3 |
|           | 100 | RSR2B4 | RSR1A4 | RSR1A4 | RSR1B4 |

### 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

| SPC     |       | S     | X     |       | Ka    |
|---------|-------|-------|-------|-------|-------|
| 40      |       | 43    | 43    | 34    | 34    |
| Ingress | Begin | 08:10 | 08:10 | 08:10 | 08:10 |
|         | End   | 10:15 | 10:15 | 10:15 | 10:15 |
| Egress  | Begin |       |       |       |       |
|         | End   |       |       |       |       |

| SPC     |       | S     | X     |       | Ka    |
|---------|-------|-------|-------|-------|-------|
| 60      |       | 43    | 43    | 34    | 34    |
| Ingress | Begin | 09:00 | 09:00 | 09:00 | 09:00 |
|         | End   | 10:15 | 10:15 | 10:15 | 10:15 |
| Egress  | Begin | 12:15 | 12:15 | 12:15 | 12:15 |
|         | End   | 16:15 | 16:15 | 16:15 | 16:15 |

## RSR Subchannel Bandwidth & File Size

Time 2.0833333

|           | SPC          | S    | X    |      | Ka   |
|-----------|--------------|------|------|------|------|
|           | 40           | 43   | 43   | 34   | 34   |
| Bandwidth | 1            | 30   | 30   | 30   | 30   |
|           | 16           | 480  | 480  | 480  | 480  |
|           | 50           | 1500 | 1500 | 1500 | 1500 |
|           | 100          | 3000 | 3000 | 3000 | 3000 |
|           | <b>Total</b> | 5010 | 5010 | 5010 | 5010 |

**Canberra Total: 20040 MBytes**

Time 6.1666667

|           | SPC          | S      | X      |        | Ka     |
|-----------|--------------|--------|--------|--------|--------|
|           | 60           | 63     | 63     | 55     | 55     |
| Bandwidth | 1            | 88.8   | 88.8   | 88.8   | 88.8   |
|           | 16           | 1420.8 | 1420.8 | 1420.8 | 1420.8 |
|           | 50           | 4440   | 4440   | 4440   | 4440   |
|           | 100          | 8880   | 8880   | 8880   | 8880   |
|           | <b>Total</b> |        |        |        |        |

**Madrid total: 59318.4 MBytes**

**Grand Total: 79358.4 MB**

**May the Force be with us**

