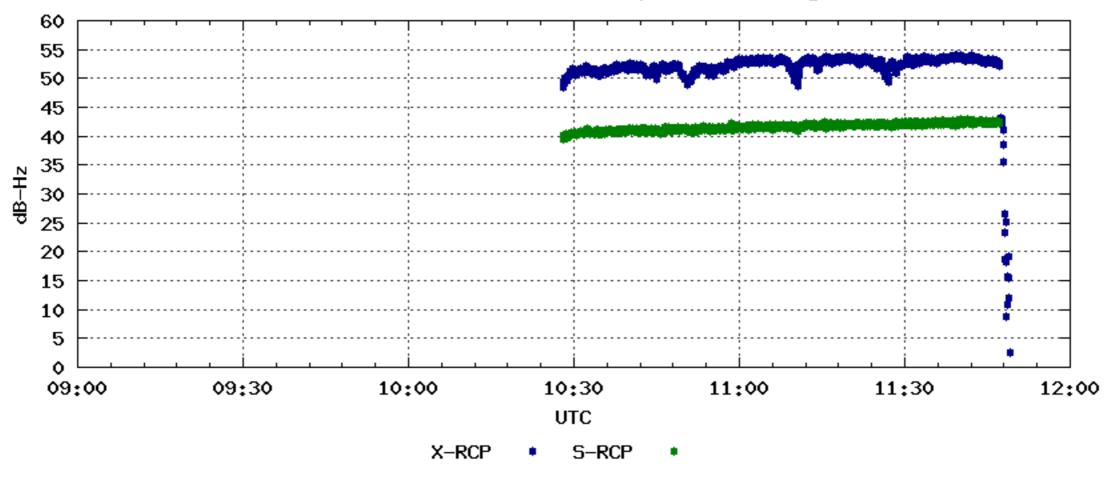
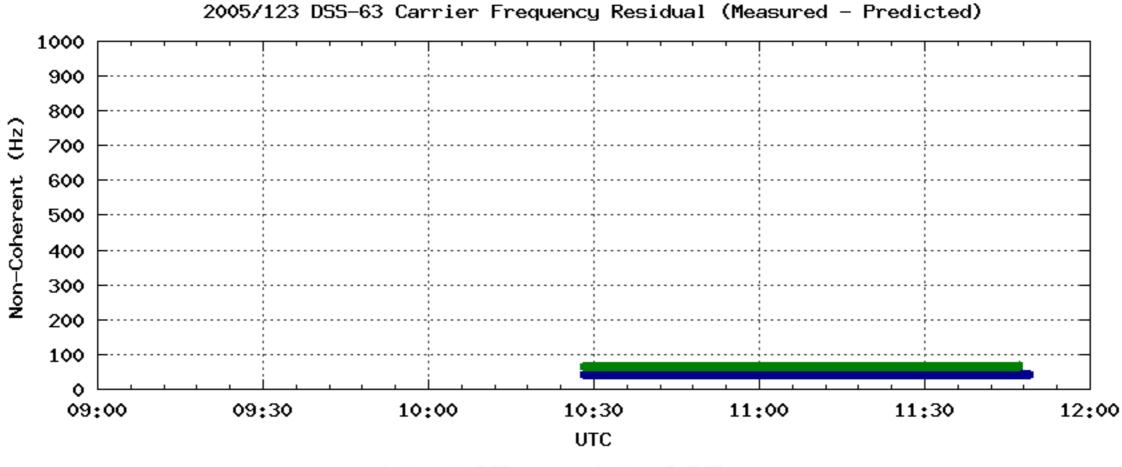
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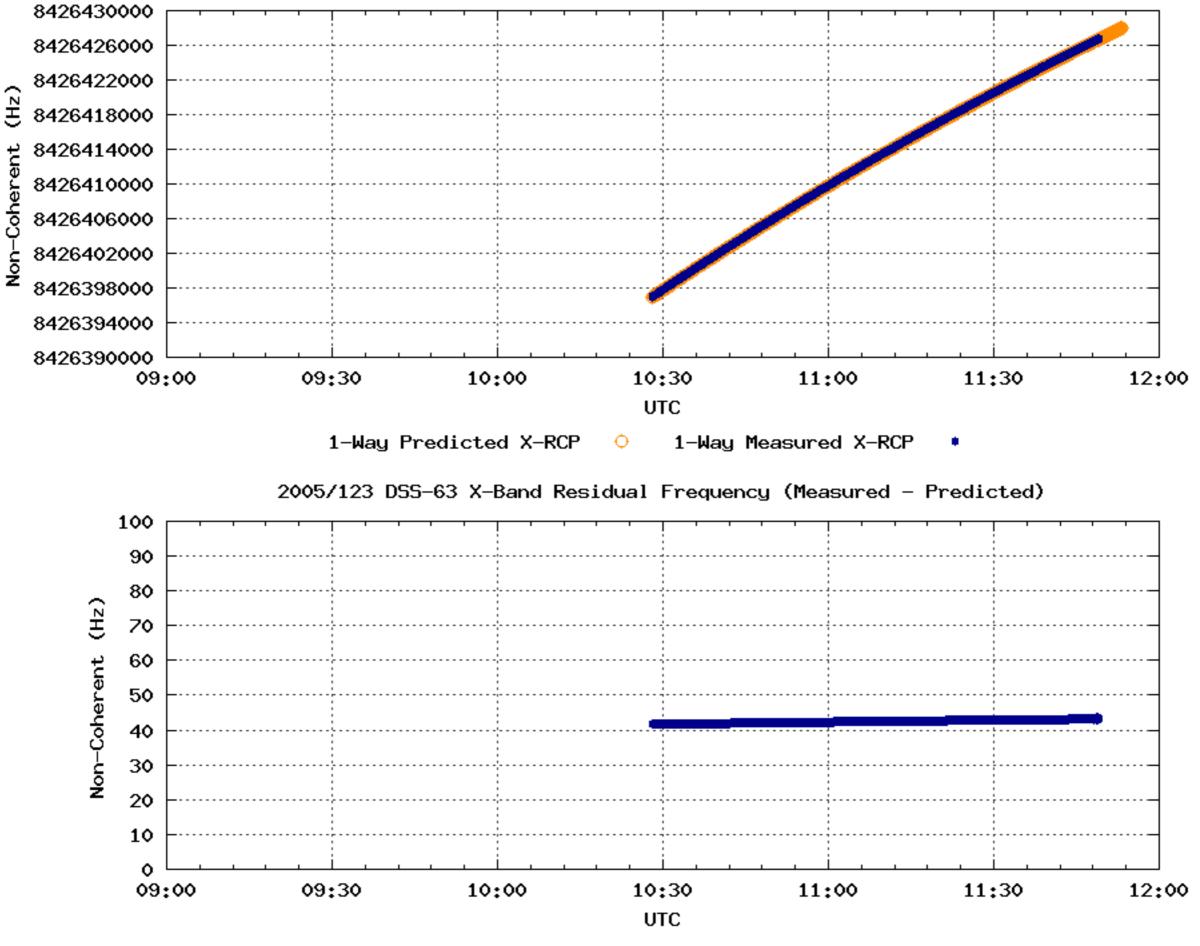
- 02. Carrier Power to Noise Spectral Density Ratio (Pc/No) and Residual Frequency
- 03. X-Band Measured Carrier Frequency, Predicted Carrier Frequency, and Residual Frequency
- 04. S-Band Measured Carrier Frequency, Predicted Carrier Frequency, and Residual Frequency
- 05. Carrier Power to Noise Spectral Density Ratio (Pc/No) and Carrier Power
- 06. Carrier Power to Noise Spectral Density Ratio (Pc/No) and System Noise Temperature
- 07. Carrier Loop Tracking Bandwidth
- 08. Conscan Drive Status
- 09. System Noise Temperature, Elevation, Precipitation Rate, and Relative Humidity
- 10. Index





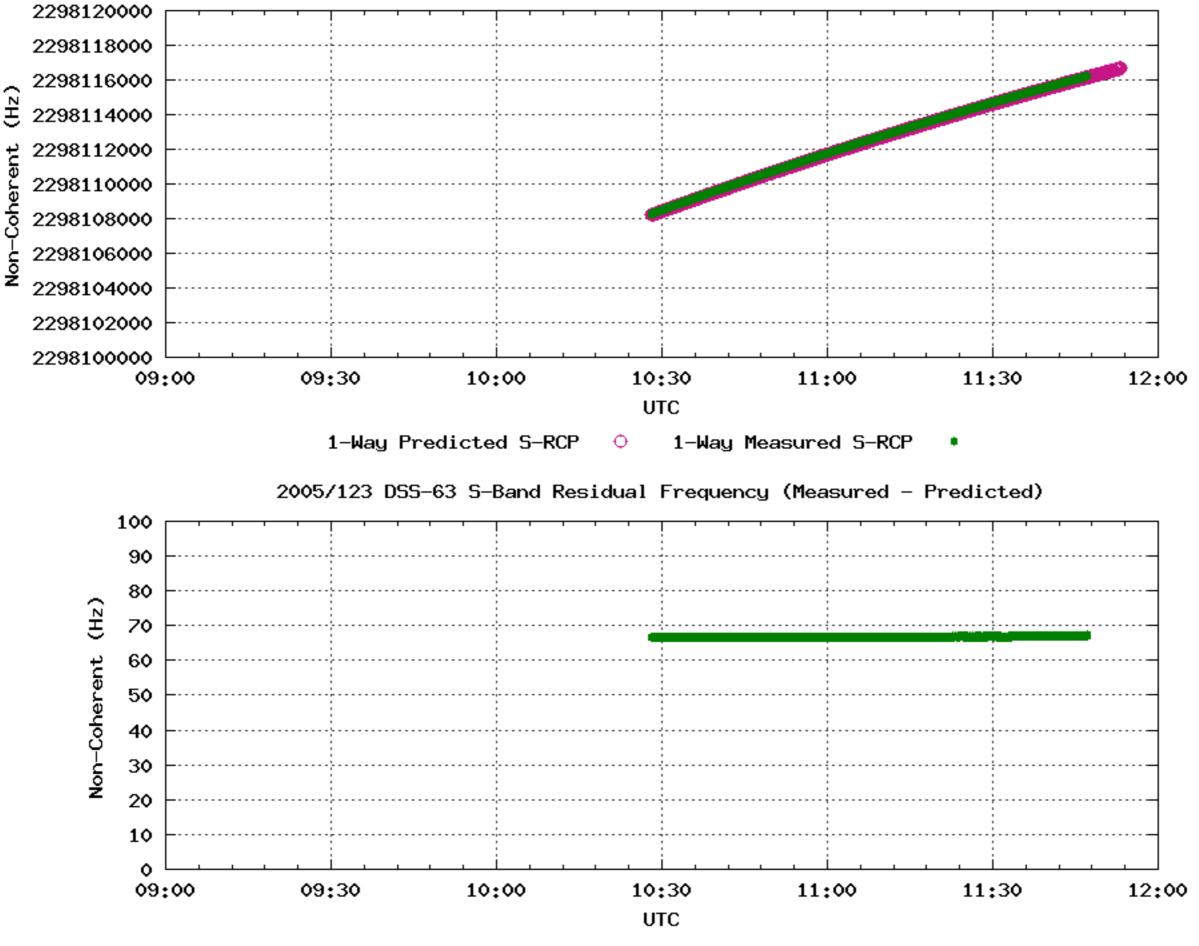






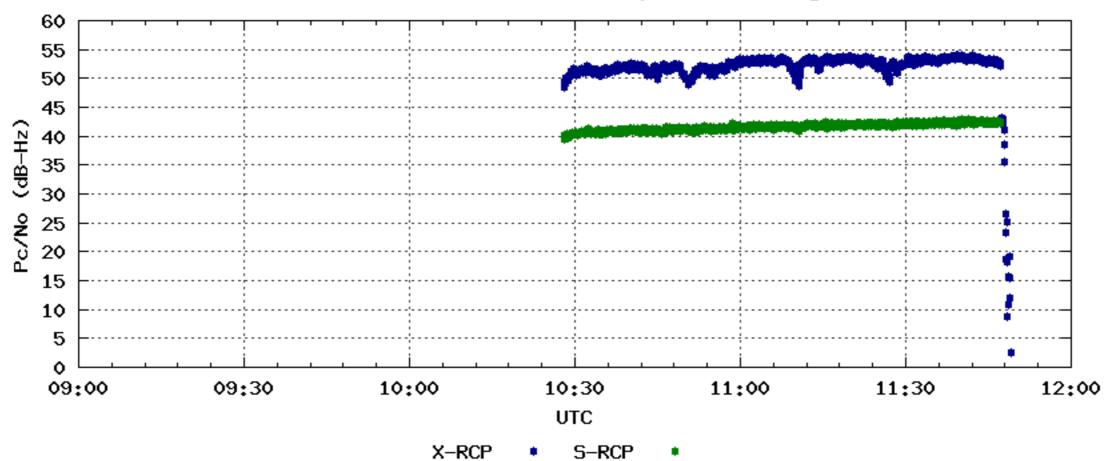
2005/123 DSS-63 X-Band Measured and Predicted Carrier Frequency

1-Way X-RCP 🔹 🖲

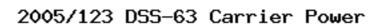


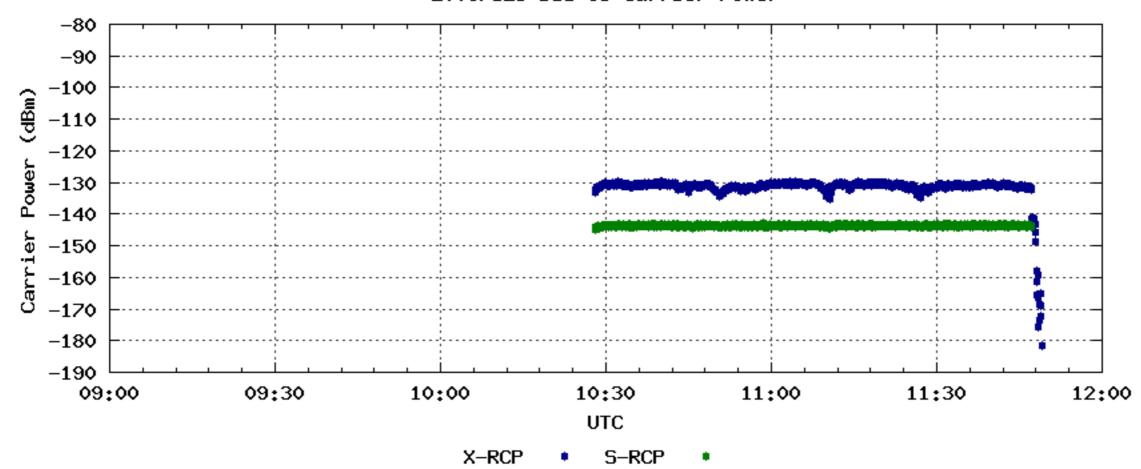
2005/123 DSS-63 S-Band Measured and Predicted Carrier Frequency

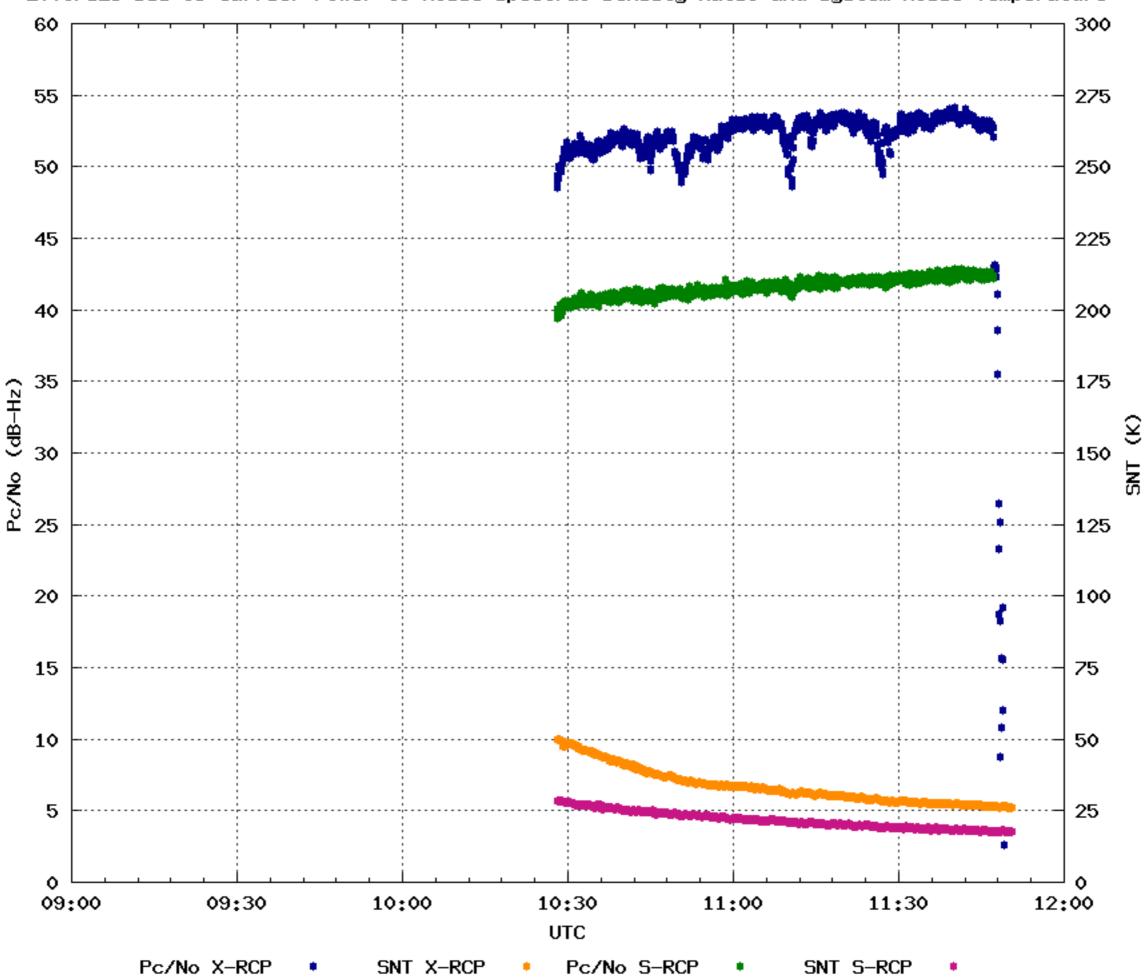
1-Way S-RCP 🔹 🖲



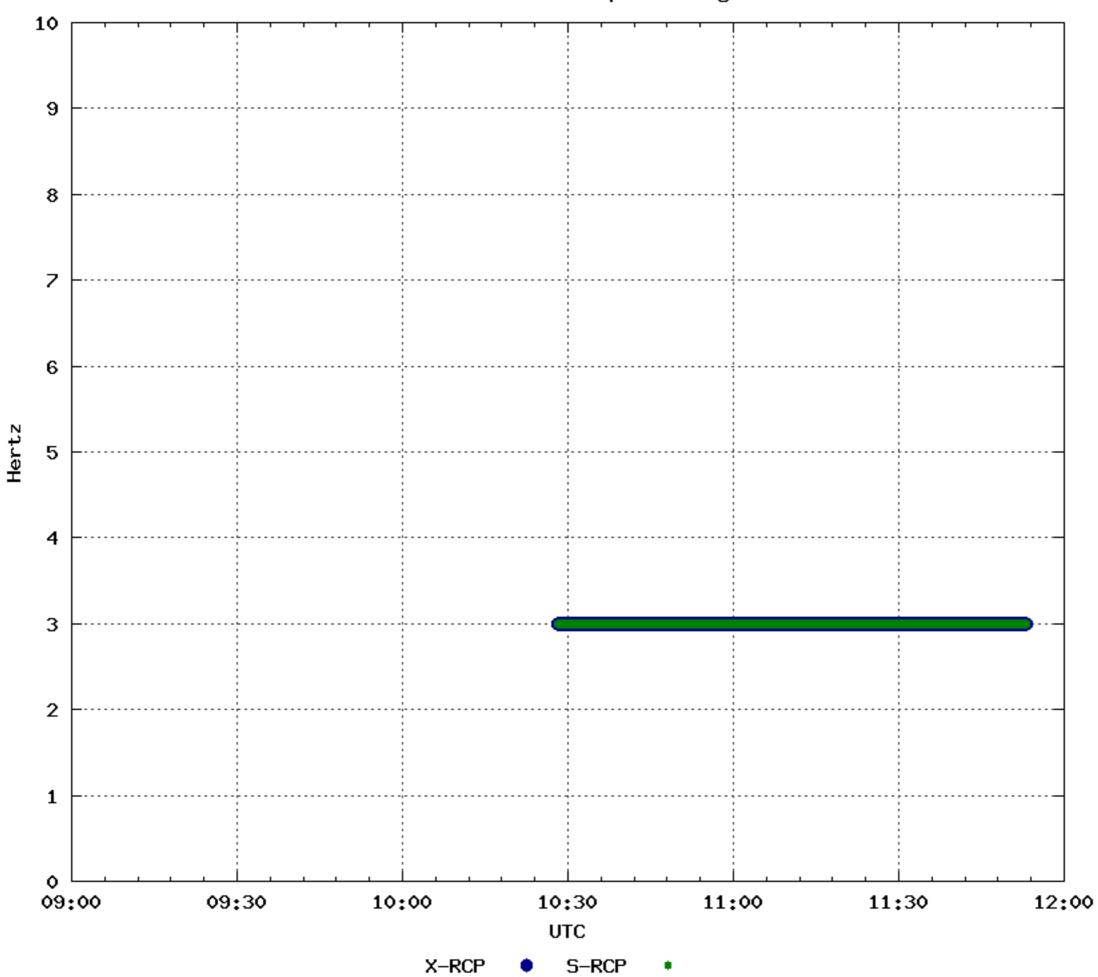
# 2005/123 DSS-63 Carrier Power to Noise Spectral Density Ratio (Pc/No)



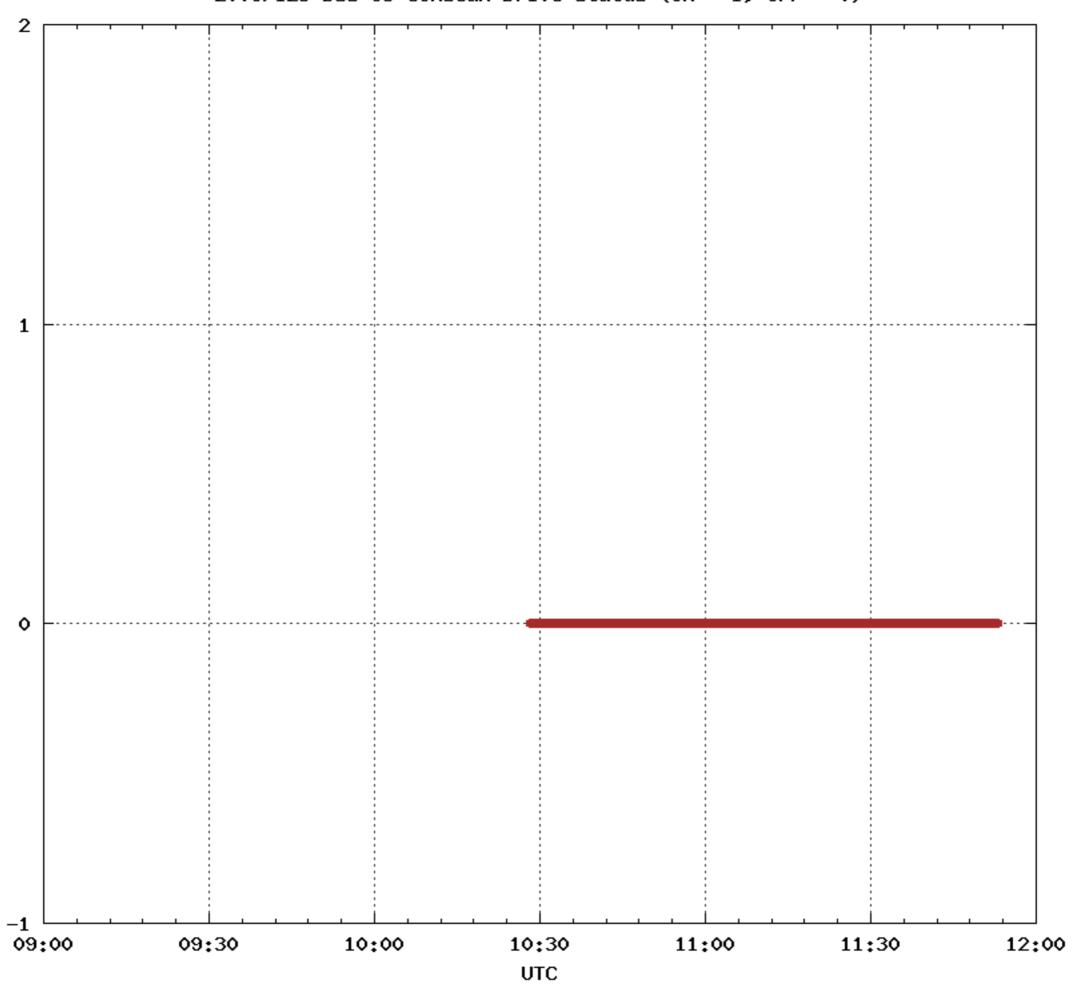




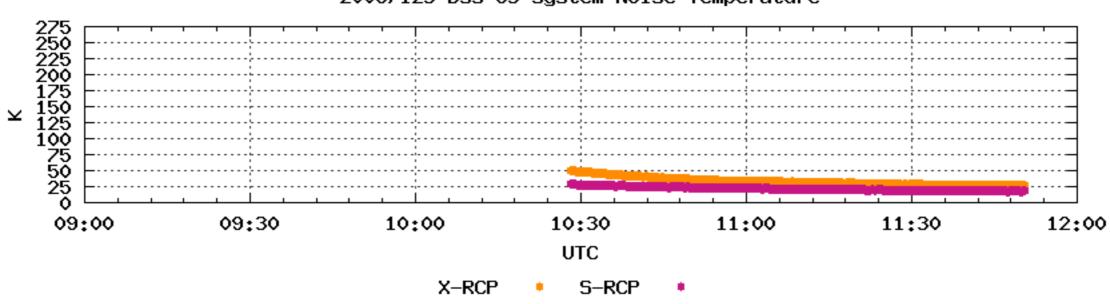
2005/123 DSS-63 Carrier Power to Noise Spectral Density Ratio and System Noise Temperature



2005/123 DSS-63 Carrier Loop Tracking Bandwidth



2005/123 DSS-63 Conscan Drive Status (ON = 1; OFF = 0)



# 2005/123 DSS-63 System Noise Temperature

02. Carrier Power to Noise Spectral Density Ratio (Pc/No) and Residual Frequency

Top:

Carrer Power to Noise Spectral Density Ratio (M-1315, M-1815, M-2315, M-2815) filtered by Carrier Tracking Loop Status (M-1302, M-1802, M-2302, M-2802) categorized by Downlink Band (M-1245, M-1745, M-2245, M-2745) and Polarization (M-1267, M-1767, M-2267, M-2767)

#### Bottom:

- Residual Frequency (M-1305, M-1805, M-2305, M-2805)
  filtered by Carrier Tracking Loop Status (M-1302, M-1802, M-2302, M-2802)
  categorized by Predicts Mode (M-1248, M-1748, M-2248, M-2748)
  and by Downlink Band (M-1245, M-1745, M-2245, M-2745)
  and Polarization (M-1267, M-1767, M-2267, M-2767)
- 03. X-Band Measured Carrier Frequency, Predicted Carrier Frequency, and Residual Frequency

### Top:

- Predicted Frequency including Doppler Shift (M-1320, M-1820, M-2320, M-2820)
   categorized by Predicts Mode (M-1248, M-1748, M-2248, M-2748)
   and by Downlink Band (M-1245, M-1745, M-2245, M-2745)
   and Polarization (M-1267, M-1767, M-2267, M-2767)
- Measured Carrier Frequency (M-1304, M-1804, M-2304, M-2804)
  filtered by Carrier Tracking Loop Status (M-1302, M-1802, M-2302, M-2802)
  categorized by Predicts Mode (M-1248, M-1748, M-2248, M-2748)
  and by Downlink Band (M-1245, M-1745, M-2245, M-2745)
  and Polarization (M-1267, M-1767, M-2267, M-2767)

#### Bottom:

- Residual Frequency (M-1305, M-1805, M-2305, M-2805)
  filtered by Carrier Tracking Loop Status (M-1302, M-1802, M-2302, M-2802)
  categorized by Predicts Mode (M-1248, M-1748, M-2248, M-2748)
  and by Downlink Band (M-1245, M-1745, M-2245, M-2745)
  and Polarization (M-1267, M-1767, M-2267, M-2767)
- 04. S-Band Measured Carrier Frequency, Predicted Carrier Frequency, and Residual Frequency

### Top:

- Predicted Frequency including Doppler Shift (M-1320, M-1820, M-2320, M-2820)
   categorized by Predicts Mode (M-1248, M-1748, M-2248, M-2748)
   and by Downlink Band (M-1245, M-1745, M-2245, M-2745)
   and Polarization (M-1267, M-1767, M-2267, M-2767)
- Measured Carrier Frequency (M-1304, M-1804, M-2304, M-2804)
  filtered by Carrier Tracking Loop Status (M-1302, M-1802, M-2302, M-2802)
  categorized by Predicts Mode (M-1248, M-1748, M-2248, M-2748)
  and by Downlink Band (M-1245, M-1745, M-2245, M-2745)
  and Polarization (M-1267, M-1767, M-2267, M-2767)

## Bottom:

Residual Frequency (M-1305, M-1805, M-2305, M-2805)
filtered by Carrier Tracking Loop Status (M-1302, M-1802, M-2302, M-2802)
categorized by Predicts Mode (M-1248, M-1748, M-2248, M-2748)
and by Downlink Band (M-1245, M-1745, M-2245, M-2745)

and Polarization (M-1267, M-1767, M-2267, M-2767)

05. Carrier Power to Noise Spectral Density Ratio (Pc/No) and Carrier Power

Top:

Carrer Power to Noise Spectral Density Ratio (M-1315, M-1815, M-2315, M-2815) filtered by Carrier Tracking Loop Status (M-1302, M-1802, M-2302, M-2802) categorized by Downlink Band (M-1245, M-1745, M-2245, M-2745) and Polarization (M-1267, M-1767, M-2267, M-2767)

Bottom:

- Carrer Power (M-1310, M-1810, M-2310, M-2810)
  filtered by Carrier Tracking Loop Status (M-1302, M-1802, M-2302, M-2802)
  categorized by Downlink Band (M-1245, M-1745, M-2245, M-2745)
  and Polarization (M-1267, M-1767, M-2267, M-2767)
- 06. Carrier Power to Noise Spectral Density Ratio (Pc/No) and System Noise Temperature
- Carrer Power to Noise Spectral Density Ratio (M-1315, M-1815, M-2315, M-2815) filtered by Carrier Tracking Loop Status (M-1302, M-1802, M-2302, M-2802) categorized by Downlink Band (M-1245, M-1745, M-2245, M-2745) and Polarization (M-1267, M-1767, M-2267, M-2767)
- System Noise Temperature (M-1318, M-1818, M-2318, M-2818) categorized by Downlink Band (M-1245, M-1745, M-2245, M-2745) and Polarization (M-1267, M-1767, M-2267, M-2767)

07. Carrier Loop Tracking Bandwidth

Carrier Loop Tracking Bandwidth (M-1299, M-1799, M-2299, M-2799) categorized by Downlink Band (M-1245, M-1745, M-2245, M-2745) and Polarization (M-1267, M-1767, M-2267, M-2767)

08. Conscan Drive Status

Conscan Drive Status (M-0308)

09. System Noise Temperature, Elevation, Precipitation Rate, and Relative Humidity

Top:

System Noise Temperature (M-1318, M-1818, M-2318, M-2818) categorized by Downlink Band (M-1245, M-1745, M-2245, M-2745) and Polarization (M-1267, M-1767, M-2267, M-2767)

Middle: Elevation Angle (M-0304)

Bottom: Precipitation Rate (M-0406) Relative Humidity (M-0409)