

ECHOSTAR-6 Telemetry Link Budget (On Station)

Link Parameters

| | | |
|----------------------|--------|--------|
| Frequency | (MHz) | 12,203 |
| Transmit Power | (dBW) | -15.8 |
| Line Losses | (dB) | 3.0 |
| Antenna Gain (EOC) | (dBi) | 28.8 |
| EIRP | (dBW) | 10.0 |
| Free Space Path Loss | (dB) | 206.0 |
| Rx E/S G/T | (dB/K) | 36.7 |
| Other Losses | (dB) | 1.0 |
| Downlink C/N | (dB) | 13.5 |
| C/N Required | (dB) | 9.0 |
| Margin | (dB) | 4.5 |