

ECHOSTAR-6 Telemetry Link Budget

Link Parameters

Frequency	(MHz)	12,203
Transmit Power	(dBW)	-16.5
Line Losses	(dB)	3.0
Antenna Gain	(dBi)	30.4
EIRP	(dBW)	10.9
Free Space Path Loss	(dB)	205.7
Rx E/S G/T	(dB/K)	39.8
Other Losses	(dB)	9.8
Downlink C/N	(dB)	27.0
C/N Required	(dB)	9.0
Margin	(dB)	18.0