

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