

Table 6. Telemetry carrier link budget

Downlink EIRP	dBW	14.0
Rx ES antenna gain	dBi	60.9
Rx ES G/T	dB/K	37.9
Carrier BW	kHz	300.0
Rain fade	dB	8.0
Free Space Prop Loss	dB	205.4
C/N	dB	12.3
C/N (required)	dB	9.0
Margin	dB	3.3