

Table 5. Command carrier link budget

UL Antenna flange power	dBW	14.0
Tx ES antenna gain	dBi	62.3
UL EIRP	dBW	76.3
Satellite G/T	dB/K	-3.0
Carrier BW	kHz	800.0
Rain fade	dB	10.0
Free Space Prop Loss	dB	206.8
C/N	dB	26.0
C/N (required)	dB	10.0
Margin	dB	16.0