

<b>Parameter</b>	<b>Units</b>	<b>Normal (Large Beam)</b>
Slant range	km	38600
Frequency	MHz	11698
Input Power	dBW	-4.0
Line Losses	dB	-3.0
Antenna Gain (-2 dB contour)	dBi	25.0
Satellite EIRP	dBW	18.0
Path loss	dB	-205.6
Atmospheric losses	dB	-0.2
G/T	dB/K	37.0
Modulation Loss	dB	-3.5
Implementation Loss	dB	-1.2
C/N	dB	21.3
C/N Required	dB	11.0
Margin	dB	10.3
PFD at beam peak	dBW/m <sup>2</sup> /4 kHz	-158.2