

<b>Parameter</b>	<b>Units</b>	<b>Normal (Large Beam)</b>
Slant range	km	38600
Frequency	MHz	13998
Power to Antenna	dBW	7.5
Tx Antenna Gain	dBi	60.5
Ground Station EIRP	dBW	68.0
Spreading loss	dB/m <sup>2</sup>	-162.7
Atmospheric losses	dB	-0.2
Received PFD	dBW/m <sup>2</sup>	-94.9
Aperture Factor	dB(m <sup>2</sup> )	-44.4
Antenna Gain (-2 dB contour)	dBi	25.0
On board losses	dBi	-9.9
Power at Rx input	dBW	-124.2
Rx Threshold	dBW	-142.0
Margin	dB	17.8