

<b>Antenna Class<sup>1</sup></b>		<b>Notebook</b>
<b>Modulation Scheme</b>		<b>8QAM</b>
<b>FEC Rate</b>		<b>0.75</b>
<b>Allocated Bandwidth</b>	<b>(kHz)</b>	<b>500</b>
<b>Data Rate</b>	<b>(kbps)</b>	<b>720</b>
<b>Uplink</b>		
<b>Terminal eirp</b>	<b>(dBW)</b>	12.6
<b>RF Power</b>	<b>(dBW)</b>	1.8
<b>Path Loss</b>	<b>(dB)</b>	190.3
<b>Satellite G/T</b>	<b>(dB/K)</b>	18.0
<b>Boltzmann Constant</b>	<b>(dBW/K.Hz)</b>	-228.6
<b>Uplink C/N0</b>	<b>(dB/Hz)</b>	68.9
<b>Link Margin</b>	<b>(dB)</b>	2.5
<b>Downlink</b>		
<b>Satellite eirp</b>	<b>(dBW)</b>	16.8
<b>Path Loss</b>	<b>(dB)</b>	205.9
<b>SAP G/T</b>	<b>(dB/K)</b>	37.0
<b>Boltzmann Constant</b>	<b>(dBW/K.Hz)</b>	-228.6
<b>Down C/N0</b>	<b>(dB/Hz)</b>	76.5
<b>Link Margin</b>	<b>(dB)</b>	4.0
<b>Other</b>		
<b>IM C/N0</b>	<b>(dB/Hz)</b>	88.2
<b>Other Beams C/N0</b>	<b>(dB/Hz)</b>	76.7
<b>Other Systems C/N0 Up</b>	<b>(dB/Hz)</b>	74.9
<b>Other Systems C/N0 Down</b>	<b>(dB/Hz)</b>	82.6
<b>Total</b>		
<b>C/N0</b>	<b>(dB/Hz)</b>	64.6
<b>Tx Rate</b>	<b>(kbps)</b>	828.0
<b>Eb/N0</b>	<b>(dB)</b>	5.4

<sup>1</sup> Also includes similarly-sized vehicular antennas.