

Antenna Class¹		HandHeld
Modulation Scheme		QPSK
FEC Rate		0.25
Allocated Bandwidth	(kHz)	500
Data Rate	(kbps)	160
Uplink		
SAS eirp	(dBW)	63.3
Path Loss	(dB)	207.4
Satellite G/T	(dB/K)	-4.0
Boltzmann Constant	(dBW/K.Hz)	-228.6
Uplink C/N0	(dB/Hz)	80.5
Link Margin	(dB)	4.0
Downlink		
Satellite eirp	(dBW)	51.0
Path Loss	(dB)	191.1
UT G/T	(dB/K)	-28.0
Boltzmann Constant	(dBW/K.Hz)	-228.6
Down C/N0	(dB/Hz)	60.5
Link Margin	(dB)	6.0
Other		
IM C/N0	(dB/Hz)	77.9
Other Beams C/N0	(dB/Hz)	79.9
Other Systems C/N0 Up	(dB/Hz)	86.6
Other Systems C/N0 Down	(dB/Hz)	66.5
Total		
C/N0	(dB/Hz)	54.1
Tx Rate	(kbps)	184.0
Eb/N0	(dB)	1.5

¹ Also includes similarly-sized vehicular antennas.