

Antenna Class¹		Pocket
Modulation Scheme		QPSK
FEC Rate		0.75
Allocated Bandwidth	(kHz)	250
Data Rate	(kbps)	240
Uplink		
Terminal eirp	(dBW)	6.4
RF Power	(dBW)	1.4
Path Loss	(dB)	190.3
Satellite G/T	(dB/K)	18.0
Boltzmann Constant	(dBW/K.Hz)	-228.6
Uplink C/N0	(dB/Hz)	62.7
Link Margin	(dB)	3.5
Downlink		
Satellite eirp	(dBW)	9.6
Path Loss	(dB)	205.9
SAP G/T	(dB/K)	37.0
Boltzmann Constant	(dBW/K.Hz)	-228.6
Down C/N0	(dB/Hz)	69.3
Link Margin	(dB)	4.0
Other		
IM C/N0	(dB/Hz)	81.1
Other Beams C/N0	(dB/Hz)	74.4
Other Systems C/N0 Up	(dB/Hz)	68.8
Other Systems C/N0 Down	(dB/Hz)	75.4
Total		
C/N0	(dB/Hz)	57.7
Tx Rate	(kbps)	276.0
Eb/N0	(dB)	3.3

¹ Also includes similarly-sized vehicular antennas.