

Antenna Class¹		Palm
Modulation Scheme		QPSK
FEC Rate		0.50
Allocated Bandwidth	(kHz)	125
Data Rate	(kbps)	80
Uplink		
Terminal eirp	(dBW)	1.3
RF Power	(dBW)	2.3
Path Loss	(dB)	190.3
Satellite G/T	(dB/K)	18.0
Boltzmann Constant	(dBW/K.Hz)	-228.6
Uplink C/N0	(dB/Hz)	57.6
Link Margin	(dB)	4.5
Downlink		
Satellite eirp	(dBW)	3.5
Path Loss	(dB)	205.9
SAP G/T	(dB/K)	37.0
Boltzmann Constant	(dBW/K.Hz)	-228.6
Down C/N0	(dB/Hz)	63.2
Link Margin	(dB)	4.0
Other		
IM C/N0	(dB/Hz)	74.9
Other Beams C/N0	(dB/Hz)	73.6
Other Systems C/N0 Up	(dB/Hz)	63.6
Other Systems C/N0 Down	(dB/Hz)	69.2
Total		
C/N0	(dB/Hz)	51.7
Tx Rate	(kbps)	92.0
Eb/N0	(dB)	2.1

¹ Also includes similarly-sized vehicular antennas.