

Antenna Class¹		Pocket
Modulation Scheme		8PSK
FEC Rate		0.67
Allocated Bandwidth	(kHz)	500
Data Rate	(kbps)	640
Uplink		
SAS eirp	(dBW)	60.3
Path Loss	(dB)	207.4
Satellite G/T	(dB/K)	-4.0
Boltzmann Constant	(dBW/K.Hz)	-228.6
Uplink C/N0	(dB/Hz)	77.5
Link Margin	(dB)	4.0
Downlink		
Satellite eirp	(dBW)	47.9
Path Loss	(dB)	191.1
UT G/T	(dB/K)	-17.0
Boltzmann Constant	(dBW/K.Hz)	-228.6
Down C/N0	(dB/Hz)	68.4
Link Margin	(dB)	3.5
Other		
IM C/N0	(dB/Hz)	74.8
Other Beams C/N0	(dB/Hz)	76.8
Other Systems C/N0 Up	(dB/Hz)	83.5
Other Systems C/N0 Down	(dB/Hz)	74.4
Total		
C/N0	(dB/Hz)	63.3
Tx Rate	(kbps)	736.0
Eb/N0	(dB)	4.6

¹ Also includes similarly-sized vehicular antennas.