

Project CYBRRSTREET

Link Name Useppa

Frequency Band / Region 06L GHz, FCC

Channel Width 30 MHz

ITU Rain Region N

Site A

Site B

Name Christo Useppa

Latitude 26.653334 26.661667

Longitude -81.920830 -82.211655

Antenna 4 ft (1.2m) dish, 35.6dBi 4 ft (1.2m) dish, 35.6dBi

Antenna Polarization Vertical

Antenna Height 160.0 feet 80.0 feet

Azimuth 271.90 deg TN 91.90 deg TN

Link Distance 17.97 miles

Free Space Loss 137.24 dBm

	QPSK	8PSK	16QAM	32QAM	64QAM	128QAM	256QAM	512QAM	1024QAM
Small Packet Capacity (Mbps)	77.0	116.0	156.0	192.0	234.0	273.0	312.0	351.0	382.0
Large Packet Capacity (Mbps)	49.0	74.0	99.0	122.0	148.0	173.0	198.0	223.0	242.0
Max Tx Power (dBm)	30	30	28	28	25	25	24	24	23
Expected Rx Level (dBm)	-36.0	-36.0	-38.0	-38.0	-41.0	-41.0	-42.0	-42.0	-43.0
Rx Sensitivity (dBm)	-87.3	-84.1	-81.1	-77.1	-74.7	-71.6	-68.6	-65.2	-61.7
Fade Margin (dBm)	51.3	48.1	43.1	39.1	33.7	30.6	26.6	23.2	18.7

