

WildBlue C-Band TM Link Budget

Link Parameters		
Rx E/S Range to Satellite	(km)	39,000
Carrier Frequency	(MHz)	3,700
Satellite TM Carrier EIRP	(dBW)	7.6
Atmospheric and Other Losses	(dB)	5.2
Free Space Loss	(dB)	195.6
Rx E/S Antenna Gain	(dBi)	48.6
Rx Signal Power	(dBW)	-144.6
Required TM Rx Input Power	(dBW)	-145.0
Margin	(dB)	0.4