

Telecommand Link Budget (On Station)

Link Parameters		
Frequency	(MHz)	17,793.5
Tx E/S Antenna Gain	(dBi)	64.0
Power to Tx E/S Antenna	(dBW)	5.5
Tx E/S EIRP	(dBW)	69.5
Incident Flux Density	(dBW/m ²)	-93.0
Aperture Factor	(dB-m ²)	-46.5
Polarization Loss	(dB)	0.0
Incident Isotropic Power	(dBW)	-139.5
Antenna Gain	(dBi)	22.0
Total Receive Losses	(dB)	6.7
Receiver Input Power	(dBW)	-124.2
Receiver Threshold	(dBW)	-142.0
Spacecraft Margin	(dB)	17.8