

Ext. C-Band Telecommand Link Budget

Link Parameters		Horn
Frequency	(MHz)	5,923.5
Tx E/S Antenna Gain	(dBi)	53.1
Power to Tx E/S Antenna	(dBW)	13.7
Tx E/S EIRP	(dBW)	66.8
Incident Flux Density	(dBW/m ²)	-96.0
Aperture Factor	(dB-m ²)	-36.9
Incident Isotropic Power	(dBW)	-132.9
Antenna Gain	(dBi)	16.4
Total Receive Losses	(dB)	4.0
Receiver Input Power	(dBW)	-120.5
Receiver Threshold	(dBW)	-133.0
Spacecraft Margin	(dB)	12.5