

Telecommand Link Budget (Transfer and Emergency)

Link Parameters		
Frequency	(MHz)	13,248.0
Tx E/S Antenna Gain	(dBi)	61.8
Power to Tx E/S Antenna	(dBW)	25.0
Tx E/S EIRP	(dBW)	86.8
Incident Flux Density	(dBW/m ²)	-76.5
Aperture Factor	(dB-m ²)	-43.9
Incident Isotropic Power	(dBW)	-120.3
Antenna Gain (EOC)	(dBi)	-8.0
Total Receive Losses	(dB)	4.6
Receiver Input Power	(dBW)	-132.9
Receiver Threshold	(dBW)	-142.0
Spacecraft Margin	(dB)	9.1