

<b>17GHz Telecommand Link Budget</b>		
<b>Link Parameters</b>		<b>Contingency</b>
Frequency	(MHz)	17,301.0
Tx E/S Antenna Gain	(dBi)	65.0
Power to Tx E/S Antenna	(dBW)	15.0
Tx E/S EIRP	(dBW)	80.0
Incident Flux Density	(dBW/m <sup>2</sup> )	-82.7
Aperture Factor	(dB-m <sup>2</sup> )	-46.2
Incident Isotropic Power	(dBW)	-128.9
Antenna Gain	(dBi)	-4.0
Total Receive Losses	(dB)	3.1
Receiver Input Power	(dBW)	-136.0
Receiver Threshold	(dBW)	-142.0
Spacecraft Margin	(dB)	6.0