

**RFAT Link Budget**

	Units	
Uplink Frequency	GHz	29.998
E/S antenna pointing error	dB	0.5
Clear-sky uplink EIRP	dBW	51.0
Atmospheric Loss	dB	0.5
Uplink path loss	dB	213.6
Satellite G/T (-1 dB)	dB/K	13.0
Uplink C/N <sub>0</sub>	dBHz	78.5
Uplink C/I <sub>0</sub>	dBHz	85.0
Uplink C/No+I <sub>0</sub>	dBHz	77.6
Required C/No+I <sub>0</sub>	dBHz	69.6
Margin	dB	8.0