

## Beacon, pointing and UPC

<b>Item</b>	<b>Value</b>	<b>Units</b>
Satellite Beacon EIRP	22.0	dBW
Total Loss, Ls	211.2	dB
GW G/T	37.4	dB/K
k	-228.6	dBW/K
$4\pi/\lambda^2$	47.6	dB
C/No	76.8	dB-Hz
C/Io	58.3	dB-Hz
C/(No+Io)	58.3	dB-Hz
Required Beacon C/(Io+N <sub>o</sub> )	50.0	dB-Hz
C/(No+Io) Margin	8.3	dB