

Noise Budget-Command

PARAMETER	UNITS	SPOT	OMNI
Frequency	MHz	12751.0	13249.0
Range	km	39.347	39.347
Uplink EIRP	dBW	68	90
Range loss	dB/m ²	-162.9	-162.9
Rain Fade	dB	-2	-2
Scintillation	dB	-0.2	-0.2
Co-polarization Inclined Orbit Mismatch	dB	-0.1	-0.1
Tracking Gain	dB	-0.3	-0.3
PFD	dBW/m ²	-97.5	-75.5
Required PFD	dBW/m ²	-115	-85
Link Margin	dB	17.5	9.5