

			Antenna			Distance D	PD	Limit	Margin
	Frequency	Power	Gain	EIRP	EIRP				
	MHz	dBm	dBi	dBm	mW	cm	mW/m^2	mW/cm^2	dB
DSS	2405	10.7	6	16.7	46.8	20	0.00931	1.00	20.3
	PD=EIRP/(4xπxD ²)								

$$PD = EIRP / (4 \times \pi \times D^2)$$