

CRESTRON

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<p style="text-align: center;">OET Bulletin 65 Edition 97-01</p> <p>EUT: CEN-GWEXER</p> $S = \frac{PG}{4\pi r^2}$ <p>where:</p> <p>S= power density (in appropriate units, e.g. mW/cm²) P= power input to the antenna (in appropriate units, e.g., mW) G= power gain of the antenna in the direction of interest relative to an isotropic radiator R= distance to the center of radiation of the antenna (appropriate units, e.g., cm)</p>							
P		G		R	MPE Calculation Frequency	MPE Limit at Frequency Uncontrolled Exposure	S
(dBm)	(mw)	(dBi)	(numaric)	(Cm)	(MHz)	mW/cm ²	mW/cm ²
20.66	116.413	2.5	1.778	20	2405	1	0.0411842
Max antenna gain allowed with calculated S:						16.35	dBi

Enter Values