March 10, 2011

Attn: Director of Certification

Re: FCC ID: KNY-715712152112
IC ID: 2329B-GXM-24

Prediction of MPE limit at a given distance

Equation from page 19 of OET Bulletin 65, Edition 97-01

$$S = \frac{PG}{4\pi R^2}$$

where: S = power density
P = power input to the antenna
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

Maximum peak output power at antenna input terminal:	27.57	(dBm)
Maximum peak output power at antenna input terminal:	571.4786367	(mW)
Antenna gain(maximum):	5	(dBi)
Maximum antenna gain:	3.16227766	(numeric)
Time Averaging:	100	(%)
Prediction distance:	20	(cm)
Prediction frequency:	2450	(MHz)
MPE limit for uncontrolled exposure at prediction frequency:	1.000	(mW/cm^2) per §1.1310

Power density at prediction frequency: **0.359526 (mW/cm^2)**

This equates to: **3.59525869 W/m^2**

Sincerely,

Rich Arment
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