FCC ID: VW3-ATGHMP915 V2

Prediction of MPE limit at a given distance (Hybrid Mode 125kHz)

Equation from page 18 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 the antenna terminal:	21,27	(dBm)
Maximum peak output power at the antenna terminal:	133,9676687	(mW)
Antenna gain(typical):	-1,5	(dBi)
Maximum antenna gain:	0,707945784	(numeric)
Prediction distance:	20	(cm)
Prediction frequency:	903	(MHz)
MPE limit for uncontrolled exposure at prediction frequency:	1	(mW/cm^2)
Power density at prediction frequency:	0,018868	(mW/cm^2)
Maximum allowable antenna gain:	15,74269855	(dBi)

Prediction of MPE limit at a given distance (Hybrid Mode 500kHz)

Equation from page 18 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 the antenna terminal:	21,24	(dBm)
Maximum peak output power at the antenna terminal:	133,0454418	(mW)
Antenna gain(typical):	-1,5	(dBi)
Maximum antenna gain:	0,707945784	(numeric)
Prediction distance:	20	(cm)
Prediction frequency:	903	(MHz)
MPE limit for uncontrolled exposure at prediction frequency:	1	(mW/cm^2)
Power density at prediction frequency:	0,018738	(mW/cm^2)
Maximum allowable antenna gain:	15,77269855	(dBi)