

<u>Prediction of MPE limit at a given distance</u>			
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:		17.91	(dBm)
Maximum peak output power at the antenna terminal:		61.80164001	(mW)
Antenna gain(typical):		0.2	(dBi)
Maximum antenna gain:		1.047128548	(numeric)
Prediction distance:		20	(cm)
Prediction frequency:		2450	(MHz)
E limit for uncontrolled exposure at prediction frequency:		1	(mW/cm^2)
Power density at prediction frequency:		0.012874	(mW/cm^2)
Therefore device complies with FCC RF radiation exposure limits for general population in mobile exposure category (distance > 20cm)			