

## RF Exposure Information

FCC: FCC: YESTX91511B

<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:	26.50	(dBm)
Maximum peak output power at the antenna terminal:	446.6835922	(mW)
Antenna gain(typical):	8.343	(dBi)
Maximum antenna gain:	6.828101998	(numeric)
Prediction distance:	20	(cm)
Prediction frequency:	915	(MHz)
MPE limit for uncontrolled exposure at prediction frequency:	0.61	(mW/cm <sup>2</sup> )
<b>Power density</b> at prediction frequency:	<b>0.606778</b>	<b>(mW/cm<sup>2</sup>)</b>
Therefore device complies with FCC RF radiation exposure limits for general population in mobile exposure category (distance > 20cm)		