

FCC ID: L2C0081TR, L2C0080TR, L2C0079TR, L2C0078TR

Model: Radio GP- AM/FM, DAB

<b>Prediction of MPE limit at a given distance</b>	
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:	4.06 (dBm)
Maximum peak output power at the antenna terminal:	2.545071572 (mW)
Antenna gain(typical):	2.3 (dBi)
Maximum antenna gain:	1.698243652 (numeric)
Prediction distance:	20 (cm)
Prediction frequency:	2450 (MHz)
MPE limit for uncontrolled exposure at prediction frequency:	1 (mW/cm <sup>2</sup> )
<b>Power density</b> at prediction frequency:	0.000860 (mW/cm <sup>2</sup> )
Therefore device complies with FCC RF radiation exposure limits for general population in mobile exposure category (distance > 20cm)	