

FCC ID: WXF-ONST9

Model: CX450

Prediction of MPE limit at a given distance					
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:	-5.90	(dBm)			
Maximum peak output power at the antenna terminal:	0.257039578	(mW)			
Antenna gain(typical):	0.5	(dBi)			
Maximum antenna gain:	1.122018454	(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:	0.000057	(mW/cm ²)			
Therefore device complies with FCC RF radiation exposure limits for general population in mobile exposure category (distance > 20cm)					