Maximum Permissable Exposure Calculations

FRN: 0017228867

FCC ID: NCMOMO6012

Emission Designator	Frequency (MHz)	ERP (dBm)	Exposure Limit mW/cm^2)	D (cm)	Power Density @ 20cm
249KGXW	848.8	34.59	0.566	2.82	0.0113
248KG7W	848.8	32.67	0.566	2.74	0.0107
4M15F9W	846.6	25.04	0.564	2.41	0.0082
4m15F9W	846.6	25.09	0.564	2.41	0.0082

Emission Designator	Frequency (MHz)	EiRP (dBm)	Exposure Limit mW/cm^2)	D (cm)	Power Density @ 20cm
246KGXW	1909.8	25.09	1	1.413	0.00499
247KG7W	1909.8	24.69	1	1.402	0.00491
4M16F9W	1907.6	19.87	1	1.257	0.00395
4M16F9W	1907.6	20.52	1	1.278	0.00408

Power density (mw/cm^2) $S=EiRP/4\pi R^2$

Power density (mW/cm^2) $S=1.64*ERP/4*\pi*R^2$

D (in cm) is the distance from the antenna to reach the limit for general population/ uncontrolled exposure.