

FCC ID: VC3-R100V3

There are 3 radios on the module without simultaneous transmission.

Frequency	Equipment Code	Power Density at 20cm (mW/cm^2)	Limit (mW/cm^2)
124.6kHz	DXX	Categorically excluded per §2.1091(c)(3)	N/A
13.56MHz	DXX	Categorically excluded per §2.1091(c)(3)	N/A
2405MHz-2475MHz	DTS	0.000722	1

For 2.4GHz DTS radio:

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:	2.15	(dBm)	
Maximum peak output power at the antenna terminal:	1.640589773	(mW)	
Antenna gain(typical):	3.45	(dBi)	
Maximum antenna gain:	2.21309471	(numeric)	
Prediction distance:	20	(cm)	
Prediction frequency:	2450	(MHz)	
MPE limit for uncontrolled exposure at prediction frequency:	1	(mW/cm^2)	
Power density at prediction frequency:	0.000722	(mW/cm^2)	

Therefore device complies with FCC RF radiation exposure limits for general population in mobile exposure category (distance > 20cm).