

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/cm²)

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