§ 1.1310 Radiofrequency radiation exposure limits

FCC ID:	HDCNV402E1				
Conducted Power (dBm):	21.9		155 milliWatts	or	0.15 Watts
Max Antenna Gain (dBi):	6				
EIRP (dBm):	27.9	or	617 milliWatts	or	0.62 Watts
At frequency (MHz):	**2480**				
General MPE Limit (mW/cm^2):	1.000				
Occupational MPE Limit (mW/cm^2):	5.000				

Given the following equation
Equation 1:

$$P_d = \frac{P_t G_t}{4\pi r^2}$$

Solve for r:
Equation 2:

$$r = \sqrt{\frac{P_t G_t}{4\pi P_d}}$$

Using Equation 1, the power density at 20 cm is: 0.12 mW/cm^2

General Results:
Using Equation 2, the MPE limit is met at: 7.0 cm or 0.07 meters

Occupational Results:
Using Equation 2, the MPE limit is met at: 3.1 cm or 0.03 meters

To comply with Maximum Permissible Exposure requirements, the antenna(s) must be installed to provide a separation distance of at least 20 cm from all persons.