

Exhibit Q: RF Exposure  
TEB-HUNTSU864

**General Information**

Applicant: Hunt Technologies, LLC  
FCC ID: TEB-HUNTSU864  
Device Category: Mobile  
Environment: General Population/Uncontrolled Exposure

**Technical Information 900 MHz**

Antenna Type: PCB Inverted F ¼-Wave Monopole  
Antenna Gain: 5.15 dBi (Theoretical maximum)  
Transmitter Conducted Power: 27.48 dBm  
Maximum System EIRP: 32.63 dBm  
Operating Configuration: Fixed mounted  
Exposure Conditions: Greater than 20 centimeters

**Technical Information 2400 MHz ZigBee**

Antenna Type: PCB Inverted F ¼-Wave Monopole  
Antenna Gain: 5.15 dBi (Theoretical maximum)  
Transmitter Conducted Power: 21.20 dBm  
Maximum System EIRP: 26.35 dBm  
Operating Configuration: Fixed mounted  
Exposure Conditions: Greater than 20 centimeters

**MPE Calculation**

The Power Density (mW/cm<sup>2</sup>) is calculated as follows:

$$S = \frac{PG}{4\pi R^2}$$

Where:

S = power density (in appropriate units, e.g. mW/cm<sup>2</sup>)

P = power input to the antenna (in appropriate units, e.g., mW)

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 (appropriate units, e.g., cm)

MPE CALCULATIONS FOR MOBILE EQUIPMENT							
Transmit Frequency (MHz)	Conducted Power (dBm)	Conducted Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	Distance (cm)	Power Density (mW/cm <sup>2</sup> )	Power Density Limit (mW/cm <sup>2</sup> )
902.1	27.48	559.76	5.15	3.273	20	0.364	0.60
2405	21.20	131.83	5.15	3.273	20	0.0858	1.00

**Installation Guidelines**

“Exhibit D - Product Ship Sheet.pdf” contains the following text advising how to install the equipment to maintain compliance with the FCC RF exposure requirements:

**Endpoint Location**

To comply with FCC’s RF exposure limits for general population/uncontrolled exposure, the antenna(e) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

**Conclusion**

This device complies with the MPE requirements by providing adequate separation between the device, any radiating structure, and the general population.