

## **§1.1307(b)(1) & §2.1093 - RF EXPOSURE**

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According to §1.1307(b)(1) and §2.1093, systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

### TCB Exclusions List

Exposure category	<u>low threshold</u>	<u>high threshold</u>
general population	$(60/f_{\text{GHz}}) \text{ mW}, d < 2.5 \text{ cm}$ $(120/f_{\text{GHz}}) \text{ mW}, d \geq 2.5 \text{ cm}$	$(900/f_{\text{GHz}}) \text{ mW}, d < 20 \text{ cm}$
occupational	$(375/f_{\text{GHz}}) \text{ mW}, d < 2.5 \text{ cm}$ $(900/f_{\text{GHz}}) \text{ mW}, d \geq 2.5 \text{ cm}$	$(2250/f_{\text{GHz}}) \text{ mW}, d < 20 \text{ cm}$

Maximum peak output power at antenna input terminal: 14.67 (dBm)

Maximum peak output power at antenna input terminal: 29.31 (mW)

Predication frequency: 741.2 (MHz)

$$60/0.7412 = 80.95\text{mW}$$

### **Test Result**

The EUT is a portable device. The Maximum peak output power at antenna input terminal is 29.31mW, which is below the limit 80.95mW.