

## 4 §2.1093 - RF EXPOSURE

### 4.1 Applicable Standard

Routine SAR evaluation refers to that specifically required by § 2.1093, using measurements or computer simulation. When routine SAR evaluation is not required, portable transmitters with output power greater than the applicable low threshold require SAR evaluation to qualify for TCB approval.

Exposure category	Low threshold	High threshold
General Population	$(60/f_{GHz})$ mW, $d < 2.5$ cm $(120/f_{GHz})$ mW, $d \geq 2.5$ cm	$(900/f_{GHz})$ mW, $d < 20$ cm
Occupational	$(375/f_{GHz})$ mW, $d < 2.5$ cm $(900/f_{GHz})$ mW, $d \geq 2.5$ cm	$(2250/f_{GHz})$ mW, $d < 20$ cm

### 4.2 Result:

This is a portable device and the Maximum peak output power are 24.0436 mW, which is below the low threshold level of 352.9 mW =  $(60/0.170$  GHz) mW. The SAR measurement is not applicable for this device.