



**FCC ID: 2BQ9R-EP03**

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## RF Exposure evaluation

According to 447498 D01 General RF Exposure Guidance v06 and part 2.1093

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR, where  $f(\text{GHz})$  is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation

The result is rounded to one decimal place for comparison

### **EDR:**

Worse case output power is as below: [2441MHz:6.84dBm]

Maximum output power is 6.84dBm (4.83mW).

$(4.83 \text{ mW} / 5\text{mm}) \cdot [\sqrt{2.441(\text{GHz})}] = 1.509 < 3.0$  for 1-g SAR

Then SAR evaluation is not required