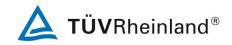


# Appendix 5 RF Exposure Information



FCC ID: 2AITT33863/ IC: 21632-33863 Model: 33863

#### Maximum transmitter power:

Frequency (MHz)	Maximum peak output power (dBm)	Output power(mW)
2402	2.15	1.64
2440	2.43	1.75
2480	2.67	1.85

## For FCC

According to KDB 447498 D01:

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

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]  $\cdot \left[\sqrt{f_{(GHz)}}\right] \leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR,<sup>24</sup> where

• f<sub>(GHz)</sub> is the RF channel transmit frequency in GHz

• Power and distance are rounded to the nearest mW and mm before calculation25

• The result is rounded to one decimal place for comparison

• 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

## **Result:**

 $(1.64/5)^*\sqrt{2.402} = 0.508 < 3.0$ 

 $(1.75/5)^*\sqrt{2.440} = 0.557 < 3.0$ 

 $(1.85/5)^*\sqrt{2.480} = 0.583 < 3.0$ 

### Conclusion:

No SAR is required.

## For IC

According to table 1 in RSS-102 Issue 5, below exemption limit is applied:

- Frequency: 2450MHz
- At separation distance of  $\leq 5$ mm
- Exemption limits: 4mW

### Conclusion:

The maximum peak output power of the transmitter is less than the SAR evaluation exemption threshold and hence it complies with the RSS-102 RF exposure requirement without SAR evaluation..