

## **Appendix 5**

# **RF Exposure Information**

**Maximum transmitter power:**

Frequency (MHz)	Maximum peak output power (dBm)	Output power(mW)
2402	-1.63	0.687
2441	1.28	1.343
2480	2.43	1.750

According to KDB 447498 D01:

These test exclusion conditions are based on source-based time-averaged maximum conducted output power of the RF channel requiring evaluation.

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:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR and ≤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

**Result:**

$$(0.687/5) \cdot \sqrt{2.402} = 0.213 < 3.0$$

$$(1.343/5) \cdot \sqrt{2.441} = 0.419 < 3.0$$

$$(1.750/5) \cdot \sqrt{2.480} = 0.551 < 3.0$$

**Conclusion:**

It is qualified for standalone SAR test exclusion. Please refer to test report# FA6O0637 issued by SPORTON INTERNATIONAL INC. for Simultaneous transmission SAR consideration (If any).