

## **Appendix 5**

# **RF Exposure Information**

**Maximum transmitter power:**

| Frequency<br>(MHz) | Maximum peak output power<br>(dBuV/m) | Output power<br>(mW) |
|--------------------|---------------------------------------|----------------------|
| 2412               | 72.08                                 | 0.005                |
| 2437               | 71.90                                 | 0.005                |
| 2462               | 71.89                                 | 0.005                |

**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:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] [\sqrt{f(\text{GHz})}] \leq 3.0$   
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
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

**Result:**

$$(0.005/5) * \sqrt{2.412} = 0.002 < 3.0$$

$$(0.005/5) * \sqrt{2.437} = 0.002 < 3.0$$

$$(0.005/5) * \sqrt{2.462} = 0.002 < 3.0$$

**Conclusion:**

No SAR is required.