# Appendix 5

# RF Exposure Information

**Maximum transmitter power:**

| Frequency (MHz) | Maximum peak output power (dBuV/m) | Output power (mW) |
|---|---|---|
| 2405 | 92.17 | 0.4944 |
| 2445 | 93.87 | 0.7313 |
| 2475 | 92.68 | 0.5561 |

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* $\leq$ 50 mm are determined by:

[(*max. power of channel, including tune-up tolerance, mW*)/(*min. test separation distance, mm*)] · [$\sqrt{f_{(GHz)}}$] $\leq$ 3.0

for 1-g SAR and $\leq$ 7.5 for 10-g extremity SAR,[24] where
• $f_{(GHz)}$ is the RF channel transmit frequency in GHz
• Power and distance are rounded to the nearest mW and mm before calculation[25]
• 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:**

$(8.09/5) * \sqrt{2.402} = 0.1534 < 3.0$

$(8.34/5) * \sqrt{2.441} = 0.2287 < 3.0$

$(8.28/5) * \sqrt{2.480} = 0.1750 < 3.0$

**Conclusion:**
No SAR is required.