Appendix 5

RF Exposure Information

FCC ID: YFA370900049I
IC ID: 12260A-370900049I

Maximum transmitter power:

Frequency (MHz)	Field Strength (dBuV/m)	Output power (mW)
2410	91.5	0.4238
2442	91.4	0.4141
2474	92.8	0.5716

Note: The maximum peak field strength was taken from table of “Subclause 15.249(a)/RSS-210 B.10(a) – Field Strength of Fundamental and Harmonics”.

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* ≤ 5 mm are determined by:

[(*max. power of channel, including tune-up tolerance, mW*) / (*min. test separation distance, mm*)] · [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

• f(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:

(0.4238/5)*√2.410 = 0.132 <3.0

(0.4141/5)*√2.442 = 0.129 <3.0

(0.5716/5)*√2.474 = 0.180 <3.0

Conclusion:
No SAR is required.

For ISED

According to table 1 in RSS-102 Issue 6, below exemption limit is applied
Frequency: 2474 MHz
At separation distance of ≤ 5mm
Exemption limits: 3mW

Results:
max. power of channel = 0.5716 mW < 3mW

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