Appendix 5

RF Exposure Information

FCC ID: YFA50052007
IC ID: 12260A-50052007

Absatz *Clause*	**Anforderungen - Prüfungen /** *Requirements - Tests*	**Messergebnisse – Bemerkungen/** *Measuring results - Remarks*	**Ergebnis** *Result*

Maximum Transmitter Power

Frequency (MHz)	Maximum peak output power (dBm)	Output power (mW)
2402	1.06	1.276
2440	1.87	1.538
2480	2.29	1.694

Note: The maximum peak field strength was taken from table of “Subclause 15.247(b)(3) /RSS-247 5.4 – Maximum Peak Conducted Output Power”.

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 step 2 below

Result:

(1.276/5)*√2.402 = 0.396 <3.0

(1.538/5)*√2.440 = 0.480 <3.0

(1.694/5)*√2.480 = 0.534 <3.0

Conclusion: No SAR is required.

For ISED

According to table 1 in RSS-102 Issue 6, below exemption limit is applied
Frequency: 2440 MHz
At separation distance of ≤ 5mm
Exemption limits: 3mW

Results:

max. power of channel = 1.694mW < 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.