TÜVRheinland®

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

Appendix 5

RF Exposure Information

FCC ID: YFA370410544
IC ID: 12260A-370410544

Prüfbericht-Nr.: *Test report no.:*	CN25VS1Z 001	Seite 36 von 36 *Page 36 of 36*

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

Maximum Transmitter Power

Frequency (MHz)	Maximum peak field strength (dBµV/m)	Maximum transmitter power (mW)
2446	94.4	0.8263
2458	94.2	0.7891
2474	92.4	0.5213

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*)] · [$\sqrt{f(GHz)}$]
≤ 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:

(0.8263/5)*$\sqrt{2.446}$ = 0.258 <3.0

(0.7891/5)*$\sqrt{2.458}$ = 0.247 <3.0

(0.5213/5)*$\sqrt{2.474}$ = 0.164 <3.0

Conclusion: No SAR is required.

For ISED
According to table 11 in RSS-102 Issue 6, below exemption limit is applied:
Frequency: 2450 MHz
At separation distance of ≤ 5mm
Exemption limits: 3mW

Results:
max. power of channel = 0.8263mW < 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.