

Prüfbericht-Nr.: <i>Test report no.:</i>		CN255GUC 001		Seite 34 von 35 Page 34 of 35
Absatz <i>Clause</i>	Anforderungen - Prüfungen / <i>Requirements - Tests</i>	Messergebnisse – Bemerkungen/ <i>Measuring results - Remarks</i>	Ergebnis <i>Result</i>	

Appendix 5

RF Exposure Information

FCC ID: 2A2XI976

Prüfbericht-Nr.: Test report no.:		CN255GUC 001	Seite 35 von 35 Page 35 of 35
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)
2402	85.9	0.117
2404	86.2	0.125
2471	86.4	0.131

Note: The maximum peak field strength was taken from table of "Subclause 15.249(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:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}]$
≤ 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:

$$(0.117/5) \cdot \sqrt{2.402} = 0.0363 < 3.0$$

$$(0.125/5) \cdot \sqrt{2.404} = 0.0388 < 3.0$$

$$(0.131/5) \cdot \sqrt{2.471} = 0.0412 < 3.0$$

Conclusion: No SAR is required.