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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: NLB24092TX

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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)
2418	89.3	0.255
2446	88.3	0.203
2475	89.1	0.244

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:

$$(0.255/5) \cdot \sqrt{2.418} = 0.079 < 3.0$$

$$(0.203/5) \cdot \sqrt{2.446} = 0.063 < 3.0$$

$$(0.244/5) \cdot \sqrt{2.475} = 0.077 < 3.0$$

Conclusion: No SAR is required.