TÜVRheinland®

Appendix 5

RF Exposure Information

Maximum transmitter power:

Frequency (MHz)	Maximum peak output power (dBm)	Output power(mW)
2402	-1.07	0.78
2440	-1.21	0.76
2480	-1.60	0.69

According to KDB 447498 D01:

Standalone SAR test exclusion considerations:
The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤50 mm are determined by:

[(*max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm*)] · $[\sqrt{f_{(GHz)}}] \leq 3.0$

for 1-g SAR and ≤ 7.5 for 10-g extremity SAR,[24] where
• $f_{(GHz)}$ is the RF channel transmit frequency in GHz
• Power and distance are rounded to the nearest mW and mm before calculation[25]
• 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:

$(0.78/5)*\sqrt{2.402} = 0.241 < 3.0$

$(0.76/5)*\sqrt{2.440} = 0.237 < 3.0$

$(0.69/5)*\sqrt{2.480} = 0.217 < 3.0$

Conclusion:
No SAR is required.