

FCC RF Exposure

EUT Description: QMX Touch Display
Model No.: QMX Touch Display 10.95
FCC ID: 2BS4P-FP290101
Equipment type: portable device

According to KDB 447498 D01 General RF Exposure Guidance v06 and part 2.1093, Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Test Exclusion Threshold condition(s), listed below, is (are) satisfied.

For 100 MHz to 6 GHz and test separation distances < 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$f(\text{GHz})$ is the RF channel transmit frequency in GHz. The result is rounded to one decimal place for comparison

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min test separation distance in mm})] \times f(\text{GHz}) < 3.0$ for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, where Power and distance are rounded to the nearest mW and mm before calculation

Limits for Maximum Permissible Exposure (MPE)

2.4G WIFI

Test Mode	Conducted power (dBm)	Max tune-up (mW)	Antenna Gain (dBi)	Min. distance (mm)	Result	Limit
802.11b 2412MHz	9.14	8.2035	-2.87	5	2.5481	3
802.11b 2437MHz	9.19	8.2985	-2.87	5	2.5909	3
802.11b 2462MHz	9.18	8.2794	-2.87	5	2.5982	3
802.11g 2412MHz	9.02	7.9799	-2.87	5	2.4787	3
802.11g 2437MHz	9.13	8.1846	-2.87	5	2.5554	3
802.11g 2462MHz	9.02	7.9799	-2.87	5	2.5042	3
802.11n 20 2412MHz	8.93	7.8163	-2.87	5	2.4278	3
802.11n 20 2437MHz	8.91	7.7804	-2.87	5	2.4292	3



802.11n 20 2462MHZ	9.04	8.0168	-2.87	5	2.5158	3
-----------------------	------	--------	-------	---	--------	---

Conclusion: No SAR is required