



FCC RF Exposure
EUT is a QS5 Smart Glasses
ModelNo.: QS5
FCC ID: 2BND8-QS5
Equipment type: Portable devices

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 numericasimulation, is not required when the corresponding SAR Test Exclusion Thresholdcondition(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 testexclusion thresholds are determined by the following:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance in mm})] \cdot [f(\text{GHz})] < 3.0 \text{ for 1-g SAR, and } \leq 7.5 \text{ for 10-g extremity SAR, where } f(\text{GHz}) \text{ is the RF channel transmit frequency in GHz}$$

Power and distance are rounded to the nearest mW and mm before calculation

Limits for Maximum Permissible Exposure (MPE)

BLE

conducted power (dBm)	Max tune-up(mW)	Frequency(MHz)	Min. distance(mm)	Result	limit
-1.25	0.7499	2402	5	0.2324	3
-0.88	0.8166	2440	5	0.2551	3
-0.98	0.7980	2480	5	0.2513	3

2.4GWiFi

conducted power (dBm)	Max tune-up(mW)	Frequency(MHz)	Min. distance(mm)	Result	limit
3.98	2.5003	2412	5	0.7766	3
4.04	2.5351	2437	5	0.7915	3
4.10	2.5704	2462	5	0.8066	3

BLE: Conclusion: the max result $0.2551 \leq 3$ compliance with FCC's RF Exposure.

WiFi: Conclusion: the max result $0.8066 \leq 3$ compliance with FCC's RF Exposure.

Note: WiFi 2.4G and BLE cannot be sent simultaneously