



FCC RF Exposure

EUT Description: Opinion Plus

Model No.:Opinion Plus

Series Model: Opinion Plus 10", Opinion Plus 10" (XPI), OP10in (XPI), OP10in, Opinion Plus 01, Opinion Plus 02, Opinion Plus 03, Opinion Plus 04, OP10in 01, OP10in 02, OP10in 03, OP10in 04, WTOP-10.1, WTOP-10, WTOP

FCC ID: 2AGQF-OPINIONPLUS

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

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

Limits for Maximum Permissible Exposure (MPE)

Test Result of RF Exposure Evaluation

2.4 G WiFi

Frequency(MHz)	Antenna	Channel (MHz)	MAX Output power(dBm)	Max tune-up(mW)	Min. distance(mm)	Calc. thresholds	limit
802.11b	ANT2	2412	6.49	4.4566	5.00	1.3843	3.0000
802.11b	ANT1	2412	6.16	4.1305	5.00	1.2830	3.0000
802.11g	ANT1	2412	6.42	4.4385	5.00	1.3621	3.0000
802.11g	ANT2	2412	6.13	4.1020	5.00	1.2741	3.0000
802.11n HT20	ANT2	2437	6.33	4.2954	5.00	1.3411	3.0000
802.11n HT20	ANT1	2437	6.41	4.3752	5.00	1.3660	3.0000

2.4 G WiFi ANT1+ANT2

Frequency(MHz)	Channel (MHz)	Total Calc. thresholds	Result	limit
802.11n HT20	2437	2.7071	0.9024	1

Although two antennas are provided, the module strictly supports single-input single-output (SISO) transmission and reception, and does not support simultaneous dual-stream Multiple-Input Multiple-Output (MIMO) transmission

Conclusion: No SAR is required