

# 1 RF Exposure Compliance

## 1.1 Test Standards

Test standard : FCC 47 CFR Part 2 Section 2.1093  
447498 D01 General RF Exposure Guidance v06  
FCC ID : 2ADTD-K1T201AEF

## 1.2 Limits of FCC SAR Test Exclusion Thresholds for 100 MHz – 6 GHz

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

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

Where

- $f(\text{GHz})$  is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation

## 1.3 Test Result

### a) Stand-alone Operation Mode

Operating Mode	Band	Maximum Average Power level (mW)	Separation Distance (mm)	FCC Extremity SAR Test Exclusion Thresholds Limit (mW)	Result
Wi-Fi	2.4GHz	24.55	5.00	25.00	PASS

Note:

1. The 10-g Extremity SAR Test Exclusion Power Thresholds are 2.5 times higher than the 1-g SAR Test Exclusion Thresholds.
2. The Max. RF output power refer to test report 60381602 001.