

FCC RF Exposure

EUT Description: **Smart Watch**

Model No.: **VT3, VT3+, VT3 Lite, VT3 Plus, VT3 Mini, VT3 Pro, VT4, VT5, VT6, VT7, VT8**

FCC ID: **2AQ3A-VT3**

1. Limits

According to KDB 447498 D01 General RF Exposure Guidance v06 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)] • [$\sqrt{f(\text{GHz})}$] ≤ 3.0 for 1 - g SAR and ≤ 7.5 for 10 - g extremity SAR,

Where:

Result=P/D* \sqrt{F}

F= the RF channel transmit frequency in GHz

P=Maximum turn - up power in mw

D=Min. test separation distance in mm

2. Test Result of RF Exposure Evaluation

2.4G

	Output power (dBm)	Tune Up Power (dBm)	Max Tune Up power dBm/mW	Min test separation distance mm	Result	Limit	SAR Test Exclusion
BLE	-6.175	-6 ± 1	-5/0.316	5	0.099527	3.0	Pass
Note: PK Output power= conducted power. Conducted power see the test report HK2006171495-E , antenna gain=0dBi							

Per KDB 447498 D01, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion. The test exclusion threshold is 0.099527 which is ≤ 3 , SAR testing is not required.

Note: Exclusion Thresholds Results=[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] • [$\sqrt{f(\text{GHz})}$]

$f(\text{GHz})$ is the RF channel transmit frequency in GHz

Distance=5mm