

# FCC RF Exposure

EUT Description: 11.6inch Netbook,Notebook,Laptop

Model No.: VK116

FCC ID: 2AUJK-VK116

## 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  $\leq 50$  mm are determined by:  $[(\text{max power of channel, including tune - up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1 - g SAR and  $\leq 7.5$  for 10 - g extremity SAR.

Where:

$$\text{Result} = P/D \cdot \sqrt{F}$$

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

	Output power (dBm)	Tune Up Power (dBm)	Max Tune Up power dBm/mW	Min test separation distance mm	Result	Limit	SAR Test Exclusion
BLE	3.36	3 ± 1	4/ 2.51	5	0.7847	3.0	Pass
EDR	2.827	2 ± 1	3/2	5	0.6185	3.0	Pass
2.4GWIFI	9.4	8.5 ± 1	9.5/ 8.91	5	2.7683	3.0	Pass
5.2GWIFI	6.39	5.5 ± 1	6.5/ 4.47	5	2.0352	3.0	Pass
5.8GWIFI	6.99	6 ± 1	7/4.47	5	2.4026	3.0	Pass
Note: PK Output power= conducted power. Conducted power see the test report <b>HK2106181966-1E/2E/3E/4E/5E.</b> Gantenna gain=1dBi							

Per KDB 447498 D01, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine RF Exposure test exclusion. The test exclusion threshold is 2.7683 which is  $\leq 3$ , RF Exposure testing is not required.

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

f(GHz) is the RF channel transmit frequency in GHz

Distance=5mm

Note: the device could not transmit simultaneously in BT, 2.4G and 5G.