

FCC RF Exposure

EUT Description: 14.1 INCH NEO Notebook

Model No.: WWX14C4BL64-P

FCC ID: 2AQOO-X14C464P

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

BT/WIFI

Frequency (MHz)	Output power (dBm)	Tune Up Power (dBm)	Max Tune Up power dBm/mW	Min test separation distance mm	Result	Limit (mW/cm ²)	SAR Test Exclusion
BT:2480	-2.124	-2±1	-1/0.61	5	0.192	3.0	Pass
2.4G WIFI Ant. 1 2412	8.23	8±1	9/7.94	5	2.466	3.0	Pass
2.4G WIFI Ant. 2 2412	8.12	8±1	9/7.94	5	2.466	3.0	Pass
5.2G WIFI Ant. 1 5812	7.69	7±1	8/6.31	5	2.872	3.0	Pass
5.2G WIFI Ant. 2 5200	7.17	7±1	8/6.31	5	2.877	3.0	Pass

Note:

PK Output power= conducted power.

Conducted power see the test report **HK2011123482-1E/2E/3E**, BT: antenna gain=1.72dBi, 2.4G WIFI antenna gain=1.5dBi

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 2.877 which is ≤ 3 , RF Exposure testing is not required.

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

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

Distance = 5mm