

FCC RF Exposure

EUT Description: Tablet PC

Model No.: N80, S5, F80, Q8, Q88, 706, S7, S8, H8, H9, S10

FCC ID: 2AKUV-N80

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

Where:

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

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 (mW/cm ²) | SAR Test Exclusion |
|---------------|--------------------|---------------------|--------------------------|---------------------------------|--------|-----------------------------|--------------------|
| 802.11b | 8.79 | 8±1 | 9/7.94 | 5 | 2.492 | 3.0 | Pass |
| 802.11g | 7.94 | 8±1 | 9/7.94 | 5 | 2.492 | 3.0 | Pass |
| 802.11n(HT20) | 7.79 | 8±1 | 9/7.94 | 5 | 2.492 | 3.0 | Pass |

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

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

Distance=5mm