RF exposure evaluation

The RF exposure evaluation was calculated as below：

1) For 802.11N: The maximum output power for antenna is 5.67dBm (3.69mW) at 5825MHz.

According to KDB 447498 D01v06, the 1-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)] · [√f(GHz)] ≤ 3.0 for 1-g SAR, where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- When the minimum test separation distance is < 5 mm, a distance of 5 mm according is applied to determine SAR test exclusion.

- The result is rounded to one decimal place for comparison

Channel	Frequency (GHz)	Power (dBm)	Max. Power (mW)	Test distance (mm)	Result	exclusion thresholds for 1-g SAR
CH 165	5.825	5.67	3.69	5	1.78	3.98

- Base on the calculation value, so SAR evaluation is not required.
- The public is not exposed to radio frequency energy level in excess of the Commission’s guideline.