RF exposure evaluation

The RF exposure evaluation was calculated as below：

1) Manufacturer statement The maximum conducted output power is 9.73dBm (9.40mW) at 2462MHz of 802.11b mode. (2dBi antenna gain，with 1.58 numeric antenna gain.)

2) For Bluetooth device or fixed location transmitters, no SAR consideration applied.

3) Per KDB 447498 D01v05r02, 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 < 10 mm, a distance of 5 mm according is applied to determine SAR test exclusion.
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- 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 11	2.462	9.73	9.40	5	2.95	3.0

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