RF exposure evaluation

The RF exposure evaluation was calculated as below：

1) Manufacturer statement the maximum conducted output power is -1.42dBm (0.72mW) at 2480MHz of GFSK mode. (2dBi antenna gain，with 1 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 < 5 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 78	2.480	-1.42	0.72	5	0.227	3.0

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