



Radio Frequency Exposure

EUT INFORMATION

FCC ID	RPK-FC660MBT
EUT	Bluetooth Keyboard
Frequency band (Operating)	2402 MHz ~ 2480 MHz
Max. output power	-9.32 dBm
Antenna gain (Max)	2.78 dBi

TEST RESULT

According to KDB 447498 section 4.3.1, the 1-g SAR test exclusion thresholds at test separation distance ≤ 50 mm are determined by:

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

The max. average power of channel, including tune-up tolerance(mW) is 0.238 mW @ 2480 MHz (With tune-up tolerance),

The min. test separation distance (mm) is 5 mm,

$$\text{So, } [(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] = 0.238/5 \cdot \sqrt{2.480} = \mathbf{0.0749} < 3.0 \text{ (With Tune-up tolerance).}$$

Therefore, standalone SAR measurements are not required for both head and body.

Tested By:

Reviewed by:

Jul. 01, 2020
(Date)

Bing / Project Engineer

Jul. 01, 2020
(Date)

Bell / Manager

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