



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 \leq 50 mm are determined by:

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

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,

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

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

Tested By:

Jul. 01, 2020
(Date)

Bing / Project Engineer

Reviewed by:

Jul. 01, 2020
(Date)

Bell / Manager

FCC Designation Number: TW2954