



## RF Exposure Evaluation

FCC ID: 2A094-MK14

### REQUIREMENT

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

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

Where

-f(GHz) is the RF channel transmit frequency in GHz

-Power and distance are rounded to the nearest mW and mm before calculation

-The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

### TEST RESULT

**Passed**

**Not Applicable**

BLE

| Test mode | Channel Frequency (MHz) | Max. Measured Power (dBm) | Tune up tolerance (dBm) | Max. Tune up Power (dBm) | Maximum Output Power (mW) | Calculating data | Limit | Results |
|-----------|-------------------------|---------------------------|-------------------------|--------------------------|---------------------------|------------------|-------|---------|
| GFSK_1M   | 2402                    | -0.65                     | -0.65±1                 | 0.35                     | 1.08                      | 0.34             | 3.00  | Pass    |
|           | 2440                    | -0.97                     | -0.97±1                 | 0.03                     | 1.01                      | 0.31             |       |         |
|           | 2480                    | -1.30                     | -1.30±1                 | -0.3                     | 0.93                      | 0.29             |       |         |
| GFSK_2M   | 2402                    | -1.83                     | -1.83±1                 | -0.83                    | 0.826                     | 0.39             | 3.00  | Pass    |
|           | 2440                    | -1.97                     | -1.97±1                 | -0.97                    | 0.800                     | 0.39             |       |         |
|           | 2480                    | -2.53                     | -2.53±1                 | -1.53                    | 0.703                     | 0.40             |       |         |

Note:

-The exposure safety distance is less than 5mm.

\*\*\*\*\*THE END\*\*\*\*\*