

**FCC ID: 2BQIW-T61**

Portable device

According to 47 CFR, Part2.1093 and 47 CFR, Part1.1307, systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

According to KDB447498 D01 General RF Exposure Guidance V06

The 1-g SAR and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR, where:

- $f(\text{GHz})$  is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion.

BREDR:

Antenna Type: PCB Antenna

Antenna Gain: -4.73dBi

| Modulation | Channel Freq. (GHz) | Conduct ed power (dBm) | Conducte d power (mW) | Tune-up power (dBm) | Max tune-up power (dBm) | Max tune-up power (mW) | Distance (mm) | Result calculation | SAR Exclusion threshold | SAR test exclusion |
|------------|---------------------|------------------------|-----------------------|---------------------|-------------------------|------------------------|---------------|--------------------|-------------------------|--------------------|
| GFSK       | 2.402               | 3.49                   | 2.23                  | 3±1                 | 4                       | 2.51                   | <5            | 0.77860            | 3.00                    | YES                |
|            | 2.441               | 4.27                   | 2.67                  | 4±1                 | 5                       | 3.16                   | <5            | 0.98813            | 3.00                    | YES                |
|            | 2.480               | 5.62                   | 3.65                  | 5±1                 | 6                       | 3.98                   | <5            | 1.25388            | 3.00                    | YES                |
| T/4-DQPSK  | 2.402               | 3.22                   | 2.10                  | 3±1                 | 4                       | 2.51                   | <5            | 0.77860            | 3.00                    | YES                |
|            | 2.441               | 4.11                   | 2.58                  | 4±1                 | 5                       | 3.16                   | <5            | 0.98813            | 3.00                    | YES                |
|            | 2.480               | 5.5                    | 3.55                  | 5±1                 | 6                       | 3.98                   | <5            | 1.25388            | 3.00                    | YES                |
| 8-DPSK     | 2.402               | 3.26                   | 2.12                  | 3±1                 | 4                       | 2.51                   | <5            | 0.77860            | 3.00                    | YES                |
|            | 2.441               | 4.1                    | 2.57                  | 4±1                 | 5                       | 3.16                   | <5            | 0.98813            | 3.00                    | YES                |
|            | 2.480               | 5.5                    | 3.55                  | 5±1                 | 6                       | 3.98                   | <5            | 1.25388            | 3.00                    | YES                |

BLE:

Antenna Type: PCB Antenna

Antenna Gain: -4.73dBi

| Modulation | Channel Freq. (GHz) | Conduct ed power (dBm) | Conducte d power (mW) | Tune-up power (dBm) | Max tune-up power (dBm) | Max tune-up power (mW) | Distance (mm) | Result calculation | 1g SAR Exclusion threshold | SAR test exclusion |
|------------|---------------------|------------------------|-----------------------|---------------------|-------------------------|------------------------|---------------|--------------------|----------------------------|--------------------|
| BLE 1M     | 2.402               | -2.93                  | 0.51                  | -3±1                | -2                      | 0.63                   | <5            | 0.19558            | 3.00                       | YES                |
|            | 2.440               | -2.18                  | 0.61                  | -2±1                | -1                      | 0.79                   | <5            | 0.24816            | 3.00                       | YES                |
|            | 2.480               | -0.79                  | 0.83                  | -1±1                | 0                       | 1.00                   | <5            | 0.31496            | 3.00                       | YES                |

**Conclusion:**

For the max result:  $1.25388 \leq 1.0$  for 1-g SAR, No SAR is required.

Signature:

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Date: 2026-08-25

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