# FCC ID: 2BGYL-SJ-0004

Portable device
According to §15.247(e)(i) and §1.1307(b)(1), 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 ≤ 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 and ≤ 7.5 for 10-g extremity 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
- 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.

BT

| Modulation | Channel Freq. (GHz) | Conducted power (dBm) | Conducted 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 | 2.480 | 3.42 | 2.20 | 3±1 | 4.00 | 2.51 | <5 | 0.79114 | 3.00 | YES |
| π/ 4 DQPSK | 2.480 | 4.24 | 2.65 | 4±1 | 5.00 | 3.16 | <5 | 0.99599 | 3.00 | YES |
| 8DPSK | 2.480 | 4.75 | 2.99 | 4±1 | 5.00 | 3.16 | <5 | 0.99599 | 3.00 | YES |

BLE

| Modulation | Channel Freq. (GHz) | Conducted power (dBm) | Conducted 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(1Mbps) | 2.440 | 2.38 | 1.73 | 2±1 | 3.00 | 2.00 | <5 | 0.62334 | 3.00 | YES |
| GFSK(2Mbps) | 2.440 | 2.58 | 1.81 | 2±1 | 3.00 | 2.00 | <5 | 0.62334 | 3.00 | YES |

**For the Max simultaneous transmission**

| Evaluation mode | Result calculation | Total Result calculation | SAR Exclusion threshold | Result |
|---|---|---|---|---|
| BT | 0.99599 | 1.61933 | 3.0 | Pass |
| BLE | 0.62334 | | | |

**Conclusion:**
For the max result :1.61933＜3, the SAR testing is not required.