**FCC ID: 2BNP5-505030D5VRGB**

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.

BLE1M:

| 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 | 2.402 | 1.481 | 1.41 | 1±1 | 2.00 | 1.58 | <5 | 0.49127 | 3.00 | YES |
| | 2.441 | 1.296 | 1.35 | 1±1 | 2.00 | 1.58 | <5 | 0.49524 | 3.00 | YES |
| | 2.480 | 0.396 | 1.10 | 0±1 | 1.00 | 1.26 | <5 | 0.39651 | 3.00 | YES |

BLE2M:

| 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 | 2.402 | 1.53 | 1.42 | 1±1 | 2.00 | 1.58 | <5 | 0.49127 | 3.00 | YES |
| | 2.441 | 1.41 | 1.38 | 1±1 | 2.00 | 1.58 | <5 | 0.49524 | 3.00 | YES |
| | 2.480 | 0.54 | 1.13 | 0±1 | 1.00 | 1.26 | <5 | 0.39651 | 3.00 | YES |

**Conclusion:**

For the max result : 0.49524≤ FCC Limit 3.0 for 1g SAR.