

**FCC ID: 2ATYD-1014**

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  $\leq 50$  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.

BR+EDR:

Antenna Type :PCB Antenna

Antenna Gain: 0.5 dBi

| 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 calculatio n | 1g SAR Exclusion threshold | SAR test exclusion |
|------------|---------------------|------------------------|-----------------------|---------------------|-------------------------|------------------------|---------------|---------------------|----------------------------|--------------------|
| GFSK       | 2.402               | 8.183                  | 6.581                 | 8±1                 | 9                       | 7.943                  | <5            | 2.46216             | 3.00                       | YES                |
|            | 2.441               | 8.437                  | 6.978                 | 8±1                 | 9                       | 7.943                  | <5            | 2.48207             | 3.00                       | YES                |
|            | 2.480               | 7.293                  | 5.362                 | 8±1                 | 9                       | 7.943                  | <5            | 2.50182             | 3.00                       | YES                |
| π/4-DQPSK  | 2.402               | 6.784                  | 4.769                 | 6±1                 | 7                       | 5.012                  | <5            | 1.55352             | 3.00                       | YES                |
|            | 2.441               | 5.965                  | 3.949                 | 6±1                 | 7                       | 5.012                  | <5            | 1.56608             | 3.00                       | YES                |
|            | 2.480               | 6.552                  | 4.521                 | 6±1                 | 7                       | 5.012                  | <5            | 1.57854             | 3.00                       | YES                |
| 8DPSK      | 2.402               | 6.918                  | 4.918                 | 6±1                 | 7                       | 5.012                  | <5            | 1.55352             | 3.00                       | YES                |
|            | 2.441               | 6.266                  | 4.233                 | 6±1                 | 7                       | 5.012                  | <5            | 1.56608             | 3.00                       | YES                |
|            | 2.480               | 6.645                  | 4.618                 | 6±1                 | 7                       | 5.012                  | <5            | 1.57854             | 3.00                       | YES                |

**Conclusion:**

For the max result :  $2.50182 \leq 3.0$  for 1-g SAR, No SAR is required.



**Signature:**

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