

**FCC ID: APIUAFLASH**

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:

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

- f(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 : PIFA( LDS) Antenna

Antenna Gain: Right: -0.72dBi; Left: -1.92dBi

For Left:

| 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               | 8.147                  | 6.527                 | 8±1                 | 9                       | 7.943                  | <5            | 2.46216             | 3.00                       | YES                |
|            | 2.441               | 8.769                  | 7.532                 | 8±1                 | 9                       | 7.943                  | <5            | 2.48207             | 3.00                       | YES                |
|            | 2.480               | 8.928                  | 7.813                 | 8±1                 | 9                       | 7.943                  | <5            | 2.50182             | 3.00                       | YES                |
| π/4-DQPSK  | 2.402               | 8.155                  | 6.539                 | 8±1                 | 9                       | 7.943                  | <5            | 2.46216             | 3.00                       | YES                |
|            | 2.441               | 8.772                  | 7.537                 | 8±1                 | 9                       | 7.943                  | <5            | 2.48207             | 3.00                       | YES                |
|            | 2.480               | 8.933                  | 7.822                 | 8±1                 | 9                       | 7.943                  | <5            | 2.50182             | 3.00                       | YES                |
| 8DPSK      | 2.402               | 8.180                  | 6.577                 | 8±1                 | 9                       | 7.943                  | <5            | 2.46216             | 3.00                       | YES                |
|            | 2.441               | 8.780                  | 7.551                 | 8±1                 | 9                       | 7.943                  | <5            | 2.48207             | 3.00                       | YES                |
|            | 2.480               | 8.939                  | 7.832                 | 8±1                 | 9                       | 7.943                  | <5            | 2.50182             | 3.00                       | YES                |

For Right:

| 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               | 7.213                  | 5.264                 | 8±1                 | 9                       | 7.943                  | <5            | 2.46216             | 3.00                       | YES                |
|            | 2.441               | 8.199                  | 6.605                 | 8±1                 | 9                       | 7.943                  | <5            | 2.48207             | 3.00                       | YES                |
|            | 2.480               | 8.636                  | 7.305                 | 8±1                 | 9                       | 7.943                  | <5            | 2.50182             | 3.00                       | YES                |
| π/4-DQPSK  | 2.402               | 7.219                  | 5.271                 | 8±1                 | 9                       | 7.943                  | <5            | 2.46216             | 3.00                       | YES                |
|            | 2.441               | 8.210                  | 6.622                 | 8±1                 | 9                       | 7.943                  | <5            | 2.48207             | 3.00                       | YES                |
|            | 2.480               | 8.650                  | 7.328                 | 8±1                 | 9                       | 7.943                  | <5            | 2.50182             | 3.00                       | YES                |
| 8DPSK      | 2.402               | 7.240                  | 5.297                 | 8±1                 | 9                       | 7.943                  | <5            | 2.46216             | 3.00                       | YES                |
|            | 2.441               | 8.230                  | 6.653                 | 8±1                 | 9                       | 7.943                  | <5            | 2.48207             | 3.00                       | YES                |
|            | 2.480               | 8.660                  | 7.345                 | 8±1                 | 9                       | 7.943                  | <5            | 2.50182             | 3.00                       | YES                |

**Conclusion:**

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

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**Signature:**

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