

**FCC ID:2AVRV100130735**
**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.

**ANT1:**

| 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 | SAR Exclusion threshold | SAR test exclusion |
|------------|---------------------|------------------------|-----------------------|---------------------|-------------------------|------------------------|---------------|---------------------|-------------------------|--------------------|
| GFSK       | 2.402               | -3.85                  | 0.41                  | -4±1                | -3.00                   | 0.50                   | <5            | 0.15535             | 3.00                    | YES                |
|            | 2.441               | -3.67                  | 0.43                  | -4±1                | -3.00                   | 0.50                   | <5            | 0.15661             | 3.00                    | YES                |
|            | 2.480               | -4.06                  | 0.39                  | -4±1                | -3.00                   | 0.50                   | <5            | 0.15785             | 3.00                    | YES                |
| Pi/4 DQPSK | 2.402               | -2.98                  | 0.50                  | -3±1                | -2.00                   | 0.63                   | <5            | 0.19558             | 3.00                    | YES                |
|            | 2.441               | -2.69                  | 0.54                  | -3±1                | -2.00                   | 0.63                   | <5            | 0.19716             | 3.00                    | YES                |
|            | 2.480               | -3.16                  | 0.48                  | -3±1                | -2.00                   | 0.63                   | <5            | 0.19873             | 3.00                    | YES                |
| 8DPSK      | 2.402               | -2.43                  | 0.57                  | -2±1                | -1.00                   | 0.79                   | <5            | 0.24622             | 3.00                    | YES                |
|            | 2.441               | -2.17                  | 0.61                  | -2±1                | -1.00                   | 0.79                   | <5            | 0.24821             | 3.00                    | YES                |
|            | 2.480               | -2.44                  | 0.57                  | -2±1                | -1.00                   | 0.79                   | <5            | 0.25018             | 3.00                    | YES                |

**ANT2:**

| 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 | SAR Exclusion threshold | SAR test exclusion |
|------------|---------------------|------------------------|-----------------------|---------------------|-------------------------|------------------------|---------------|---------------------|-------------------------|--------------------|
| GFSK       | 2.402               | -8.78                  | 0.13                  | -9±1                | -8.00                   | 0.16                   | <5            | 0.04913             | 3.00                    | YES                |
|            | 2.441               | -7.29                  | 0.19                  | -7±1                | -6.00                   | 0.25                   | <5            | 0.07849             | 3.00                    | YES                |
|            | 2.480               | -6.38                  | 0.23                  | -6±1                | -5.00                   | 0.32                   | <5            | 0.09960             | 3.00                    | YES                |
| Pi/4 DQPSK | 2.402               | -8.08                  | 0.16                  | -8±1                | -7.00                   | 0.20                   | <5            | 0.06185             | 3.00                    | YES                |
|            | 2.441               | -6.69                  | 0.21                  | -7±1                | -6.00                   | 0.25                   | <5            | 0.07849             | 3.00                    | YES                |
|            | 2.480               | -5.67                  | 0.27                  | -6±1                | -5.00                   | 0.32                   | <5            | 0.09960             | 3.00                    | YES                |

**ANT3:**

|            |       |       |      |      |       |      |    |         |      |     |
|------------|-------|-------|------|------|-------|------|----|---------|------|-----|
| GFSK       | 2.402 | -8.3  | 0.15 | -8±1 | -7.00 | 0.20 | <5 | 0.06185 | 3.00 | YES |
|            | 2.441 | -7.31 | 0.19 | -7±1 | -6.00 | 0.25 | <5 | 0.07849 | 3.00 | YES |
|            | 2.480 | -6.86 | 0.21 | -7±1 | -6.00 | 0.25 | <5 | 0.07911 | 3.00 | YES |
| Pi/4 DQPSK | 2.402 | -7.41 | 0.18 | -7±1 | -6.00 | 0.25 | <5 | 0.07786 | 3.00 | YES |
|            | 2.441 | -6.39 | 0.23 | -7±1 | -6.00 | 0.25 | <5 | 0.07849 | 3.00 | YES |
|            | 2.480 | -6.14 | 0.24 | -6±1 | -5.00 | 0.32 | <5 | 0.09960 | 3.00 | YES |

**Conclusion:**

For the max result :  $0.25018\text{W/Kg} \leq \text{FCC Limit } 3.0 \text{ for } 1\text{g SAR}$ .  
The Product unsupported at the same time to Transmitting.