

**FCC ID: 2AQMY-ZR303RX**

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.

| 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       | 2.40750             | 0.54                  | 1.13                 | 1±1                 | 2                       | 1.58                   | <5            | 0.49183            | 3.00                    | YES                |
|            | 2.44125             | 1.15                  | 1.30                 | 1±1                 | 2                       | 1.58                   | <5            | 0.49526            | 3.00                    | YES                |
|            | 2.47163             | 1.72                  | 1.49                 | 1±1                 | 2                       | 1.58                   | <5            | 0.49833            | 3.00                    | YES                |
|            |                     |                       |                      |                     |                         |                        |               |                    |                         |                    |
|            |                     |                       |                      |                     |                         |                        |               |                    |                         |                    |
|            |                     |                       |                      |                     |                         |                        |               |                    |                         |                    |
|            |                     |                       |                      |                     |                         |                        |               |                    |                         |                    |
|            |                     |                       |                      |                     |                         |                        |               |                    |                         |                    |
|            |                     |                       |                      |                     |                         |                        |               |                    |                         |                    |

**Conclusion:**

For the max result :  $0.49833\text{W/Kg} \leq 3.0$  , compliance with FCC's RF Exposure

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**Signature:**

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