

**FCC ID: ZY9-HXP490**

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

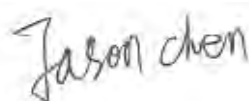
When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion.

BT:

| 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 calculation | 1g SAR Exclusion threshold | SAR test exclusion |
|------------|---------------------|------------------------|-----------------------|---------------------|-------------------------|------------------------|---------------|--------------------|----------------------------|--------------------|
| GFSK       | 2.402               | 1.314                  | 1.353                 | 1±1                 | 2                       | 1.585                  | <5            | 0.49127            | 3.00                       | YES                |
|            | 2.441               | 0.652                  | 1.162                 | 1±1                 | 2                       | 1.585                  | <5            | 0.49524            | 3.00                       | YES                |
|            | 2.480               | 0.492                  | 1.120                 | 1±1                 | 2                       | 1.585                  | <5            | 0.49918            | 3.00                       | YES                |
| π/4-DQPSK  | 2.402               | 1.308                  | 1.351                 | 1±1                 | 2                       | 1.585                  | <5            | 0.49127            | 3.00                       | YES                |
|            | 2.441               | 0.724                  | 1.181                 | 1±1                 | 2                       | 1.585                  | <5            | 0.49524            | 3.00                       | YES                |
|            | 2.480               | 0.654                  | 1.163                 | 1±1                 | 2                       | 1.585                  | <5            | 0.49918            | 3.00                       | YES                |
| 8DPSK      | 2.402               | 1.772                  | 1.504                 | 1±1                 | 2                       | 1.585                  | <5            | 0.49127            | 3.00                       | YES                |
|            | 2.441               | 1.192                  | 1.316                 | 1±1                 | 2                       | 1.585                  | <5            | 0.49524            | 3.00                       | YES                |
|            | 2.480               | 1.143                  | 1.301                 | 1±1                 | 2                       | 1.585                  | <5            | 0.49918            | 3.00                       | YES                |

**Conclusion:**

For the max result :  $0.49918 \leq 3.0$  for 1-g SAR, No SAR is required.



**Signature:**

**Date:** 2017-05-31

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