

**FCC ID: YB2-S602**

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

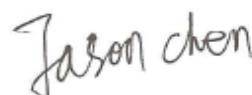
When the minimum test separation distance is  $<$  5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

BT:

Modulation	Channel Freq. (GHz)	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	2.402	1.50	1.41	2.3±1	3.3	2.14	<5	0.66270	3.00	YES
	2.441	2.62	1.83	2.3±1	3.3	2.14	<5	0.66806	3.00	YES
	2.480	3.18	2.08	2.3±1	3.3	2.14	<5	0.67337	3.00	YES
$\pi/4$ -DQPSK	2.402	1.51	1.42	2±1	3	2.00	<5	0.61847	3.00	YES
	2.441	2.44	1.75	2±1	3	2.00	<5	0.62347	3.00	YES
	2.480	2.38	1.73	2±1	3	2.00	<5	0.62843	3.00	YES
8-DPSK	2.402	1.74	1.49	2±1	3	2.00	<5	0.61847	3.00	YES
	2.441	2.59	1.82	2±1	3	2.00	<5	0.62347	3.00	YES
	2.480	2.31	1.70	2±1	3	2.00	<5	0.62843	3.00	YES

**Conclusion:**

For the max result :  $0.67337 \text{W/Kg} \leq 3.0$  for Max Power Density, compliance RF exposure.



Signature:

Date: 2019-01-20

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