FCC ID: 2AAUI-GDIEXEDGE301

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:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]·[√f(GHZ)] ≤ 3.0 for 1-g SAR and ≤ 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.

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	3.15	2.07	3.53±1	4.53	2.84	<5	0.87966	3.00	YES
	2.441	4.53	2.84	3.53±1	4.53	2.84	<5	0.88678	3.00	YES
	2.480	4.49	2.81	3.53±1	4.53	2.84	<5	0.89383	3.00	YES
π/4-DQPSK	2.402	3.09	2.04	3.54±1	4.54	2.84	<5	0.88169	3.00	YES
	2.441	4.54	2.84	3.54±1	4.54	2.84	<5	0.88882	3.00	YES
	2.480	4.53	2.84	3.54±1	4.54	2.84	<5	0.89589	3.00	YES
8-DPSK	2.402	2.04	1.60	2±1	3	2.00	<5	0.61847	3.00	YES
	2.441	2.77	1.89	2±1	3	2.00	<5	0.62347	3.00	YES
	2.480	2.76	1.89	2±1	3	2.00	<5	0.62843	3.00	YES

BLE:

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	4.16	2.61	5±1	6	3.98	<5	1.23400	3.00	YES
	2.440	5.61	3.64	5±1	6	3.98	<5	1.24373	3.00	YES
	2.480	5.41	3.48	5±1	6	3.98	<5	1.25388	3.00	YES

Conclusion:
For the max result : 1.25388 ≤ 3.0 for 1g SAR, No SAR is required.

Signature: **Date:** 2019-05-17

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