

● **FCC ID: Z63-AUSDOM004**

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:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR and ≤ 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: Left

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	SAR Exclusion threshold	SAR test exclusion
GFSK	2.402	7.53	5.66	7±1	8	6.31	<5	1.95576	3.00	YES
	2.441	6.42	4.39	7±1	8	6.31	<5	1.97158	3.00	YES
	2.480	7.39	5.48	7±1	8	6.31	<5	1.98727	3.00	YES
$\pi/4$ -DQPSK	2.402	7.43	5.53	7±1	8	6.31	<5	1.95576	3.00	YES
	2.441	7.56	5.70	7±1	8	6.31	<5	1.97158	3.00	YES
	2.480	7.33	5.41	7±1	8	6.31	<5	1.98727	3.00	YES
8-DPSK	2.402	7.85	6.10	7±1	8	6.31	<5	1.95576	3.00	YES
	2.441	6.81	4.80	7±1	8	6.31	<5	1.97158	3.00	YES
	2.480	7.65	5.82	7±1	8	6.31	<5	1.98727	3.00	YES

BLE:Left

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	SAR Exclusion threshold	SAR test exclusion
GFSK (1M)	2.402	6.760	4.74	6±1	7	5.01	<5	1.55352	3.00	YES
	2.440	6.380	4.35	6±1	7	5.01	<5	1.56576	3.00	YES
	2.480	6.500	4.47	6±1	7	5.01	<5	1.57854	3.00	YES

BT: Right

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	SAR Exclusion threshold	SAR test exclusion
GFSK	2.402	7.56	5.70	7±1	8	6.31	<5	1.95576	3.00	YES
	2.441	6.42	4.39	7±1	8	6.31	<5	1.97158	3.00	YES
	2.480	7.34	5.42	7±1	8	6.31	<5	1.98727	3.00	YES
π/4-DQPSK	2.402	7.48	5.60	7±1	8	6.31	<5	1.95576	3.00	YES
	2.441	6.32	4.29	7±1	8	6.31	<5	1.97158	3.00	YES
	2.480	7.32	5.40	7±1	8	6.31	<5	1.98727	3.00	YES
8-DPSK	2.402	7.85	6.10	7±1	8	6.31	<5	1.95576	3.00	YES
	2.441	6.81	4.80	7±1	8	6.31	<5	1.97158	3.00	YES
	2.480	7.63	5.79	7±1	8	6.31	<5	1.98727	3.00	YES

BLE

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	SAR Exclusion threshold	SAR test exclusion
GFSK (1M)	2.402	6.74	4.72	6±1	7	5.01	<5	1.55352	3.00	YES
	2.440	6.39	4.36	6±1	7	5.01	<5	1.56576	3.00	YES
	2.480	6.52	4.49	6±1	7	5.01	<5	1.57854	3.00	YES

Conclusion:

For the max result : $1.98727 \leq 3.0$ for 1g SAR, No SAR is required.



Signature:

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