

FCC ID: 2BUSE-ES601**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.

EDR:

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 calculatio n	SAR Exclusion threshold	SAR test exclusion
GFSK	2.402	6.53	4.50	7±1	8.00	6.31	<5	1.95576	3.00	YES
	2.441	6.02	4.00	7±1	8.00	6.31	<5	1.97158	3.00	YES
	2.480	6.12	4.09	7±1	8.00	6.31	<5	1.98727	3.00	YES
(π/4)DQPSK	2.402	5.68	3.70	5±1	6.00	3.98	<5	1.23400	3.00	YES
	2.441	4.6	2.88	5±1	6.00	3.98	<5	1.24398	3.00	YES
	2.480	4.88	3.08	5±1	6.00	3.98	<5	1.25388	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 calculatio n	SAR Exclusion threshold	SAR test exclusion
GFSK(1M Hz)	2.402	4.99	3.16	5±1	6.00	3.98	<5	1.23400	3.00	YES
	2.44	4.22	2.64	5±1	6.00	3.98	<5	1.24373	3.00	YES
	2.480	4.39	2.75	5±1	6.00	3.98	<5	1.25388	3.00	YES
GFSK(2M Hz)	2.402	4.96	3.13	5±1	6.00	3.98	<5	1.23400	3.00	YES
	2.44	3.8	2.40	4±1	5.00	3.16	<5	0.98793	3.00	YES
	2.480	3.89	2.45	4±1	5.00	3.16	<5	0.99599	3.00	YES

Conclusion:

For the max result: 1.98727 Limit 3.0 for 1g SAR.