

**FCC ID:2ALPG-FT6**

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	SAR Exclusion threshold	SAR test exclusion
GFSK	2.402	2.93	1.96	2±1	3.00	2.00	<5	0.61847	3.00	YES
	2.441	2.88	1.94	2±1	3.00	2.00	<5	0.62347	3.00	YES
	2.480	1.84	1.53	2±1	3.00	2.00	<5	0.62843	3.00	YES
π/4-DQPSK	2.402	2.97	1.98	2±1	3.00	2.00	<5	0.61847	3.00	YES
	2.441	2.99	1.99	2±1	3.00	2.00	<5	0.62347	3.00	YES
	2.480	1.95	1.57	2±1	3.00	2.00	<5	0.62843	3.00	YES
8DPSK	2.402	3.14	2.06	2.5±1	3.50	2.24	<5	0.69393	3.00	YES
	2.441	3.11	2.05	2.5±1	3.50	2.24	<5	0.69954	3.00	YES
	2.480	2.06	1.61	2.5±1	3.50	2.24	<5	0.70511	3.00	YES

simultaneous emission

Power density Limits BT	Calculate Evaluation result	Power density Limits
0.70511	0.70511	3

**Conclusion:**

For the max result :  $0.70511\text{W/Kg} \leq 3.0$  for 1g SAR, No SAR is required.

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**Signature:**

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