FCC ID: 2APQ9-MOGO

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.

PCB: L7Cpro-DK-R-V03

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(1Mbps)	2.440	-0.09	0.98	0±1	1.00	1.26	<5	0.39330	3.00	YES
GFSK(2Mbps)	2.440	0.01	1.00	0±1	1.00	1.26	<5	0.39330	3.00	YES

PCB: L7Cpro-DK-H1-V06

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(1Mbps)	2.440	-1.92	0.64	-1±1	0.00	1.00	<5	0.31241	3.00	YES
GFSK(2Mbps)	2.440	-1.82	0.66	-1±1	0.00	1.00	<5	0.31241	3.00	YES

For the Max simultaneous transmission

Evaluation mode	Result calculation
PCB: L7Cpro-DK-R-V03	0.39330
PCB: L7Cpro-DK-H1-V06	0.31241

Simultaneous transmitting = 0.39330/3+0.31241/3=0.1311+0.1041=0.2352＜1

Conclusion:
For the max result :0.2352＜1, the SAR testing is not required.