FCC ID:2A5EZA7

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.

433.92

Transmit power:

Frequency (MHz)	EIRP power (dBuV/m)	EIRP power (dBm)
433.92	85.02	-10.24

EIRP=E-104.8+20log(D)

EIRP=conducted power + antenna gain
antenna gain: 0.71dBi;

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
FSK	0.43392	-10.95	0.0804	-11±1	-10	0.100	<5	0.01317	3.00	YES

Conclusion:
For the max result : 0.01317 ≤ 3.0 for 1g SAR, SAR is not required.

Signature: **Date:** 2024-09-24

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