

FCC ID: 2AUX4-GSM1

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.

SRD 2.4G

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	10g SAR Exclusion threshold	SAR test exclusion
QPSK	2.405	18.59	72.277	18.5±1	19.5	89.125	30.00	4.60719	7.50	YES
	2.439	19.06	80.538	18.5±1	19.5	89.125	30.00	4.63964	7.50	YES
	2.475	19.33	85.704	18.5±1	19.5	89.125	30.00	4.67376	7.50	YES



Note: The distance between the antenna and the human finger during actual use is 30mm.

Conclusion:

For the max result : $4.67376 \leq 7.5$ for 10-g SAR, No SAR is required.



Signature:

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NAME AND TITLE (Please print or type): *tracy liu/Manager*

COMPANY (Please print or type): *SHENZHEN MICROMULTICOPTER CO.LTD/ MMC*
Tech Park, YIHE Road No.1, SHILONG Community, BAOAN District, Shenzhen,
Guangdong Province, China