



## KSIGN (Guangdong) Testing Co., Ltd.

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# RF Exposure Evaluation

FCC ID: 2AHYV-EKEYB

## REQUIREMENT

KDB447498 D01 General RF Exposure Guidance v07, Clause 4.3.1(a)

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$

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 test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

## TEST RESULT

☒ **Passed**

☐ **Not Applicable**

BLE

Test mode	Channel Frequency (MHz)	Max. Measured Power (dBm)	Tune up tolerance (dBm)	Max. Tune up Power (dBm)	Maximum Output Power (mW)	Calculating data	Limit	Results
GFSK_1M	2402	-8.44	-8 $\pm$ 1	-7	0.20	0.0618	3.00	Pass
	2440	-8.79	-8 $\pm$ 1	-7	0.20	0.0623		
	2480	-9.46	-9 $\pm$ 1	-8	0.16	0.0499		
GFSK_2M	2402	-8.22	-8 $\pm$ 1	-7	0.20	0.0618		
	2440	-8.65	-8 $\pm$ 1	-7	0.20	0.0623		
	2480	-9.23	-9 $\pm$ 1	-8	0.16	0.0499		

Note:

-The maximum antenna gain is 0dBi.

-The exposure safety distance is less than 5mm.

-This device does not support simultaneous Transmitter.

**--THE END--**