



KSIGN(Guangdong) Testing Co., Ltd.

First Floor West Side, Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu Village, Shatou Community, Shajing Street, Bao'an District, Shenzhen City, Guangdong Province, P. R. China
Tel.: +(86) 0755-2985 2678 Fax: +(86)0755-29852397 E-mail: info@gdksign.cn Website: www.gdksign.com

RF Exposure Evaluation

FCC ID: 2AVIY-LP-WS100R

REQUIREMENT

KDB447498 D01 General RF Exposure Guidance v06, 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 ≤ 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**

BT 5.0

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	2402	-1.39	-1.39±1	-0.39	0.914	0.283	3.00	Pass
	2441	-2.51	-2.51±1	-1.51	0.706	0.220		
	2480	-3.89	-3.89±1	-2.89	0.514	0.161		
$\pi/4$ -DQPSK	2402	0.25	0.25±1	1.25	1.334	0.414		
	2441	-0.68	-0.68±1	0.32	1.076	0.336		
	2480	-1.98	-1.98±1	0.02	1.005	0.316		
8DPSK	2402	0.87	0.87±1	1.87	1.538	0.477		
	2441	-0.53	-0.53±1	0.47	1.114	0.348		
	2480	-1.47	-1.47±1	-0.47	0.897	0.282		

Note:

-The maximum antenna gain is 1.5dBi

-The exposure safety distance is less than 5mm.

*****THE END*****



KSIGN(Guangdong) Testing Co., Ltd.