



KSIGN(Guangdong) Testing Co, Ltd.

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RF Exposure Evaluation

FCC ID: 2AVBU-T50

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	-4.04	-4.04 $\pm$ 1	-3.04	0.50	0.0416	3.00	Pass
	2441	-3.93	-3.93 $\pm$ 1	-2.93	0.51	0.0418		
	2480	-4.60	-4.60 $\pm$ 1	-3.60	0.44	0.0355		
π /4-DQPSK	2402	-2.76	-2.76 $\pm$ 1	-1.76	0.67	0.0558		
	2441	-2.53	-2.53 $\pm$ 1	-1.53	0.70	0.0574		
	2480	-2.95	-2.95 $\pm$ 1	-1.95	0.64	0.0516		
8DPSK	2402	-2.41	-2.41 $\pm$ 1	-1.41	0.72	0.0600		
	2441	-2.32	-2.32 $\pm$ 1	-1.32	0.74	0.0606		
	2480	-2.74	-2.74 $\pm$ 1	-1.74	0.67	0.0540		

Note:

-The maximum antenna gain is -0.58dBi

-The exposure safety distance is less than 5mm.

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



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