



KSIGN Testing Co., Ltd.

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RF Exposure Evaluation

FCC ID: 2A343HD7131

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 ≤ 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

EDR

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
DH5	2402	-2.65	-2±1	-1	0.79	0.2462	3.00	Pass
	2441	-1.97	-2±1	-1	0.79	0.2482		
	2480	-1.67	-2±1	-1	0.79	0.2502		
2DH5	2402	-2.01	-2±1	-1	0.79	0.2462		
	2441	-1.48	-2±1	-1	0.79	0.2482		
	2480	-1.19	-2±1	-1	0.79	0.2502		
3DH5	2402	-1.41	-1±1	0	1.00	0.3100		
	2441	-1.64	-1±1	0	1.00	0.3125		
	2480	-0.76	-1±1	0	1.00	0.3150		



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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	2402	-2.34	-2±1	-1	0.2462	0.79	3.00	Pass
	2440	-1.73	-2±1	-1	0.2482	0.79		
	2480	-1.42	-2±1	-1	0.2502	0.79		

Note:

- The maximum antenna gain is -1dBi.
- The exposure safety distance is less than 5mm.
- This device does not support simultaneous Transmitter.

--THE END--