RF Exposure Evaluation

FCC ID:2AHYV-GAIRSPRT

REQUIREMENT

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

[(max. power of channel, including tune-up tolerance,mW) / (min. test separation distance, mm)] · [√f(GHz)] ≤ 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

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	-2±1	-1	0.79	0.2462	3.00	Pass
	2441	-2.32	-2±1	-1	0.79	0.2482		
	2480	-2.91	-2±1	-1	0.79	0.2502		
2DH5	2402	-1.23	-2±1	-1	0.79	0.2462		
	2441	-1.74	-2±1	-1	0.79	0.2482		
	2480	-2.38	-2±1	-1	0.79	0.2502		
3DH5	2402	-1.8	-2±1	-1	0.79	0.2462		
	2441	-2	-2±1	-1	0.79	0.2482		
	2480	-2.48	-2±1	-1	0.79	0.2502		

Conclusion:

For the max result: 0.2502 ≤ 3 for FCC SAR, No RF exposure evaluation is required.

Note:

-The maximum antenna gain is -1.34dBi

-The exposure safety distance is less than 5mm.

--THE END--