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RF Exposure Evaluation

FCC ID:2ANPB-RBT100L

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)] \cdot [$\sqrt{f(GHz)}$] ≤ 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 \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

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	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	-0.41	-0.41±1	0.59	1.15	0.36	3.00	Pass
		2440	-0.56	-0.56±1	0.44	1.11	0.35		
		2480	-2.26	-2.26±1	-1.26	0.75	0.24		

Note:

The exposure safety distance is less than 5mm.

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