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RF Exposure Evaluation

FCC ID:2AO94-W2

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

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_1M	2402	-1.0	-1.0 $\pm$ 1	0	1.000	0.31	3.00	Pass
	2440	-1.26	-1.26 $\pm$ 1	-0.26	0.942	0.29		
	2480	-1.88	-1.88 $\pm$ 1	-0.88	0.817	0.26		
GFSK_2M	2402	-0.89	-0.89 $\pm$ 1	0.11	1.026	0.32		
	2440	-1.21	-1.21 $\pm$ 1	-0.21	0.953	0.30		
	2480	-1.88	-1.88 $\pm$ 1	-0.88	0.817	0.26		

Note:

The exposure safety distance is less than 5mm.

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