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RF Exposure Evaluation

FCC ID: 2A094-MK07

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	-0.37	-0.37 $\pm$ 1	0.63	1.16	0.36	3.00	Pass
	2440	-0.41	-0.41 $\pm$ 1	0.59	1.15	0.36		
	2480	-1.27	-1.27 $\pm$ 1	-0.27	0.94	0.30		
GFSK_2M	2402	-0.32	-0.32 $\pm$ 1	0.68	1.16	0.36	3.00	Pass
	2440	-0.42	-0.42 $\pm$ 1	0.58	1.15	0.36		
	2480	-1.30	-1.30 $\pm$ 1	-0.30	0.94	0.29		

Note:

-The exposure safety distance is less than 5mm.

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