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RF Exposure Evaluation

FCC ID: 2A094-MK11

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	3.88	3.88±1	4.88	3.08	0.95	3.00	Pass
	2440	3.47	3.47±1	4.47	2.80	0.87		
	2480	2.56	2.56±1	3.56	2.27	0.71		
GFSK_2M	2402	3.17	3.17±1	4.17	2.612	0.81	3.00	Pass
	2440	2.71	2.71±1	3.71	2.350	0.73		
	2480	1.79	1.79±1	2.79	1.901	0.60		

Note:

-The exposure safety distance is less than 5mm.

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