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RF Exposure Evaluation

FCC ID: 2A094-M3

REQUIREMENT

KDB447498 D01 General RF Exposure Guidance v07, 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	-0.53	-1 \pm 1	0	1	0.31	3.00	Pass
	2440	-1.03	-1 \pm 1	0	1	0.31		
	2480	-1.74	-1 \pm 1	0	1	0.31		
GFSK_2M	2402	-0.59	-1 \pm 1	0	1	0.31		
	2440	-1.08	-1 \pm 1	0	1	0.31		
	2480	-1.78	-1 \pm 1	0	1	0.31		

Note:

-The maximum antenna gain is 2.57dBi.

-The exposure safety distance is less than 5mm.

-This device does not support simultaneous Transmitter.

--THE END--