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RF Exposure Evaluation

FCC ID:2BNO4TTRS25

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

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
B	2412	5.85	± 1	6.85	4.84	1.5039	3.00	Pass
	2437	5.14	± 1	6.14	4.11	1.2837		
	2462	5.08	± 1	6.08	4.06	1.2725		
G	2412	4.46	± 1	5.46	3.52	1.0920		
	2437	5.19	± 1	6.19	4.16	1.2985		
	2462	4.70	± 1	5.70	3.72	1.1659		
N20	2412	6.77	± 1	7.77	5.98	1.8587		
	2437	6.52	± 1	7.52	5.65	1.7638		
	2462	5.06	± 1	6.06	4.04	1.2667		
N40	2422	7.23	± 1	8.23	6.65	2.0707		
	2437	5.09	± 1	6.09	4.06	1.2690		
	2452	5.38	± 1	6.38	4.35	1.3608		

Note:

-The maximum antenna gain is 5.90dBi

-The exposure safety distance is less than 5mm.

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