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RF Exposure Evaluation

FCC ID:2AZLT-BCST40

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	-2.41	-2.41 ± 1	-1.41	0.723	0.22	3.00	Pass
	2440	-2.40	-2.40 ± 1	-1.4	0.724	0.23		
	2480	-3.87	-3.87 ± 1	-2.87	0.516	0.16		
GFSK_2M	2402	-2.42	-2.42 ± 1	-1.42	0.721	0.22		
	2440	-2.55	-2.55 ± 1	-1.55	0.700	0.22		
	2480	-3.77	-3.77 ± 1	-2.77	0.528	0.17		

Note:

The exposure safety distance is less than 5mm.

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