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RF Exposure Evaluation

FCC ID: 2AO94-MK14

REQUIREMENT

KSIGN

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

[(max. power of channel, including tune-up tolerance,mW) / (min. test separation distance, mm)] $\cdot [\sqrt{f(GHz)}] \le 3.0$

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 \leq 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	Max.	Tune up tolerance (dBm)	Max.	Maximum	Calculating	Limit	Results
	Frequency	Measured		Tune up	Output			
	(MHz)	Power		Power	Power	data		
		(dBm)		(dBm)	(mW)			
GFSK_1M	2402	-0.65	-0.65±1	0.35	1.08	0.34	3.00	Pass
	2440	-0.97	-0.97±1	0.03	1.01	0.31		
	2480	-1.30	-1.30±1	-0.3	0.93	0.29		
GFSK_2M	2402	-1.83	-1.83±1	-0.83	0.826	0.39	3.00	Pass
	2440	-1.97	-1.97±1	-0.97	0.800	0.39		
	2480	-2.53	-2.53±1	-1.53	0.703	0.40		

Note:

-The exposure safety distance is less than 5mm.