

RF Exposure Evaluation

FCC ID: 2AZ4M-L7

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**

802.11n20 mode(Worst case) For 2.4GHz WIFI

Test mode	Channel Frequency (MHz)	Max. Measured Power (dBm)	Max. Tune up tolerance Power (dBm)	Max. Tune up tolerance Power (mW)	Calculating data	Limit	Results
802.11n20	2412	8.34	8.34 ± 1	8.59	2.66	3.00	Pass
	2437	8.68	8.68 ± 1	9.29	2.90		
	2462	8.01	8.01 ± 1	7.96	2.50		

DH5 mode(Worst case) For 2.4GHz BT

Test mode	Channel Frequency (MHz)	Max. Measured Power (dBm)	Max. Tune up tolerance Power (dBm)	Max. Tune up tolerance Power (mW)	Calculating data	Limit	Results
DH5	2402	1.48	1.48 ± 1	1.77	0.55	3.00	Pass
	2441	1.70	1.70 ± 1	1.86	0.58		
	2480	1.28	1.28 ± 1	1.69	0.53		

Note:

-The exposure safety distance is less than 5mm.

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