

RF Exposure Evaluation

FCC ID: 2ATQ9-M8

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**

BT 5.0

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	2402	-5.07	-5.07±1	-4.07	0.39	0.032	3.00	Pass
	2441	-3.95	-3.95±1	-2.95	0.51	0.042		
	2480	-3.79	-3.79±1	-2.79	0.53	0.043		
π /4-DQPSK	2402	-4.53	-4.53±1	-3.53	0.44	0.037		
	2441	-3.48	-3.48±1	-2.48	0.56	0.046		
	2480	-3.30	-3.30±1	-2.30	0.59	0.048		

Note:

-The maximum antenna gain is -0.58dBi

-The exposure safety distance is less than 5mm.

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