

RF Exposure Evaluation

FCC ID: 2A3ZM-ECT105W

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

$f(\text{GHz})$ 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. Measure d Power (dBm)	Max. Tune up tolerance Power (dBm)	Max. Tune up tolerance Power (mW)	Calculatin g data	Limit	Results
GFSK	2402	-1.32	-2±1	0.79	0.2462	3.00	Pass
	2440	-1.5	-2±1	0.79	0.2482		
	2480	-2.11	-2±1	0.79	0.2502		

Note:

-The exposure safety distance is less than 5mm.

--THE END--