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RF Exposure Evaluation

FCC ID: 2AHYV-GKEYB

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**

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
BLE	2402	-1.87	-2±1	0.79	0.2462	3.00	Pass
	2440	-1.6	-2±1	0.79	0.2482		
	2480	-2.16	-2±1	0.79	0.2502		
DH5	2402	-1.9	-2±1	0.79	0.2462		
	2441	-1.67	-2±1	0.79	0.2482		
	2480	-2.13	-2±1	0.79	0.2502		
2DH5	2402	-1.77	-2±1	0.79	0.2462		
	2441	-1.8	-2±1	0.79	0.2482		
	2480	-2.34	-2±1	0.79	0.2502		
3DH5	2402	-1.91	-2±1	0.79	0.2462		
	2441	-1.6	-2±1	0.79	0.2482		
	2480	-2.25	-2±1	0.79	0.2502		

Note:

-The exposure safety distance is less than 5mm.

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