



## CTC Laboratories, Inc.

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### RF Exposure Evaluation

FCC ID: 2APPZ-J4G

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

#### EUT Specification

EUT	IP Phone
Model/Type reference:	J4G
Listed Model(s):	N/A
Frequency band (Operating)	<input checked="" type="checkbox"/> BT: 2.402GHz ~ 2.480GHz <input type="checkbox"/> BLE: 2.402GHz ~ 2.480GHz <input type="checkbox"/> WLAN: 2.412GHz ~ 2.462GHz <input type="checkbox"/> Others
Device category	<input type="checkbox"/> Portable (<20cm separation) <input type="checkbox"/> Mobile (<5mm separation) <input checked="" type="checkbox"/> fixed (>20cm separation) <input type="checkbox"/> Others
Antenna diversity	<input checked="" type="checkbox"/> Single antenna <input type="checkbox"/> Multiple antennas <input type="checkbox"/> Tx diversity <input type="checkbox"/> Rx diversity <input type="checkbox"/> Tx/Rx diversity
Antenna gain (Max)	2.8dBi

#### Limit

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

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  $\leq 50$  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.

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For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : [yz.cnca.cn](http://yz.cnca.cn)

**Measurement Result**

Type	Channel frequency (MHz)	Max. Measured Power (dBm)	Tune up tolerance (dBm)	Max. Tune up Power (dBm)	Calculation Value	Threshold Value	Result
GFSK	2402	3.75	3±1	4	1.484	3.0	PASS
	2441	3.87	3±1	4	1.496	3.0	
	2480	4.32	4±1	5	1.898	3.0	
$\pi$ /4-DQPSK	2402	3.74	3±1	4	1.484	3.0	
	2441	3.85	3±1	4	1.496	3.0	
	2480	4.32	4±1	5	1.898	3.0	
8-DPSK	2402	3.77	3±1	4	1.484	3.0	
	2441	3.86	3±1	4	1.496	3.0	
	2480	4.31	4±1	5	1.898	3.0	

**Note**

For a more detailed features description, please refer to the RF Test Report.

\*\*\*\*\*THE END\*\*\*\*\*