

<b>Test Report Number:</b>	<b>LCZE25060110</b>	<b>Total Page(s):</b> 3
<b>Applicant Name:</b>	Shuangpai JC Intelligent Technology Co., Ltd.	
<b>Applicant Address:</b>	Suite 5F Building 2, Shuangpai Industry Park at Longpo Town Shuangpai, Hunan, China	
<b>Product Name:</b>	Heater	
<b>Model / Type Reference:</b>	JC-1801LB, JC-2301LB, JC-3001LB, JC-2302LA, JC-2331LA, JC-2631LA, JC-2332LA, JC-2632LA	
<b>FCC ID:</b>	2BQS6-JC-2332LA	
<b>Date of Issue:</b>	2025-07-16	
<b>Testing Laboratory:</b>	LCTECH Guangdong Testing Services Co., Ltd. 2/F., Technology and Enterprise Development Center, Guangyuan Road, Xiaolan, Zhongshan, Guangdong, China	
<b>Test Specification:</b>	KDB 447498 D01 General RF Exposure Guidance v06	
<b>Test Result:</b>	Passed	
<b>Compiled by:</b>	<b>Reviewed by:</b>	
2025-07-16    Rex He 	2025-07-16    Tension Li 	
<i>Date                      Name                      Signature</i>	<i>Date                      Name                      Signature</i>	
<b>Remark:</b>		
N/A		
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## RF Exposure Evaluation

### Limits

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm <sup>2</sup> )	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f <sup>2</sup> )	6
30-300	61.4	0.163	1.0	6
300-1500			f/300	6
1500-100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f <sup>2</sup> )	30
30-300	27.5	0.073	0.2	30
300-1500			f/1500	30
1500-100,000			1.0	30

f = frequency in MHz

Friis transmission formula:  $Pd = (P_{out} * G) / (4 * \pi * r^2)$

Where

**Pd** = power density in mW/cm<sup>2</sup>, **P<sub>out</sub>** = output power to antenna in mW;

**G** = gain of antenna in linear scale, **π** = 3.1416;

**R** = distance between observation point and center of the radiator in cm

Pd is the limit of MPE, 1 mW/cm<sup>2</sup>. If we know the maximum gain of the antenna and the total power input to the antenna, through the calculation, we will know the distance where the MPE limit is reached.

### Test Procedure

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

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## Test Result of RF Exposure Evaluation

### BLE mode

Channel	Output power to antenna(dBm)	Output power to antenna(mW)	Power Density at R=20cm (mW/cm2)	Limit (mW/cm2)	Result
2480MHz	-4.746	0.335	0.00013	1.0	PASS

Remark: antenna gain=2.0dBi

The max power density is less than MPE exempt limit, so it is compliance.