

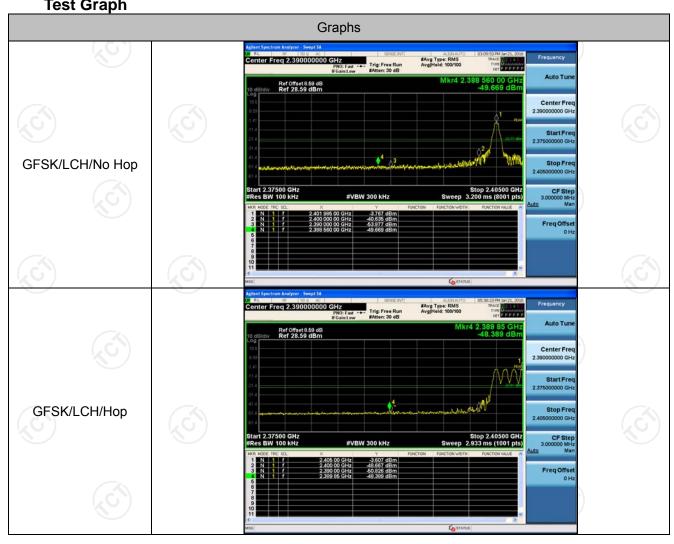


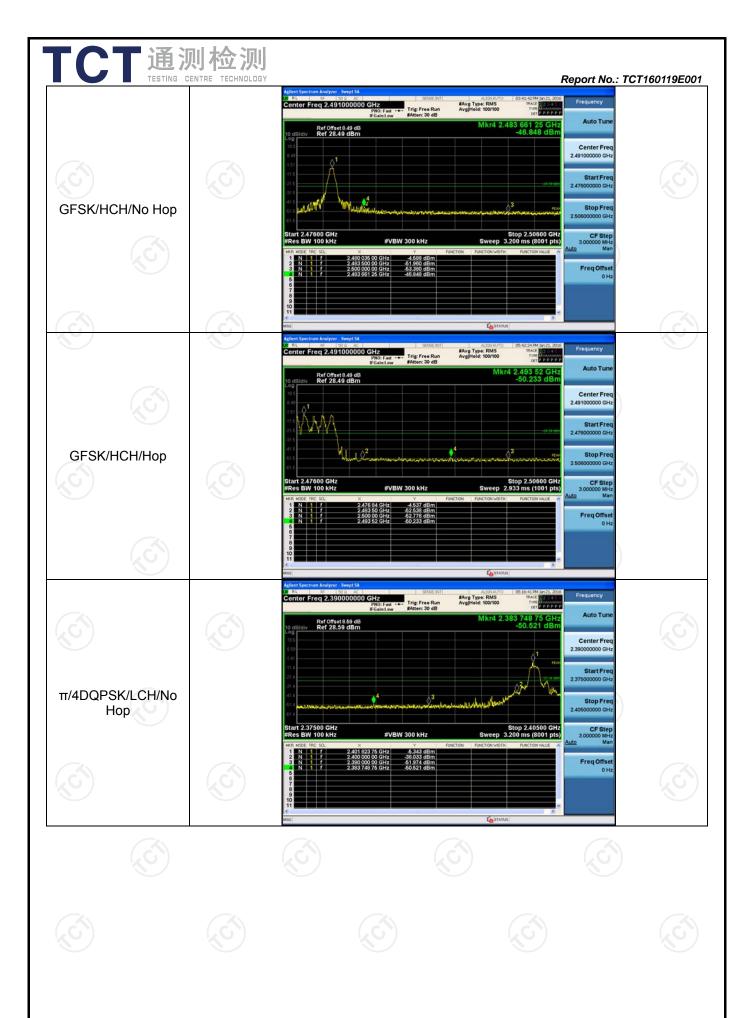
### **Band-edge for RF Conducted Emissions**

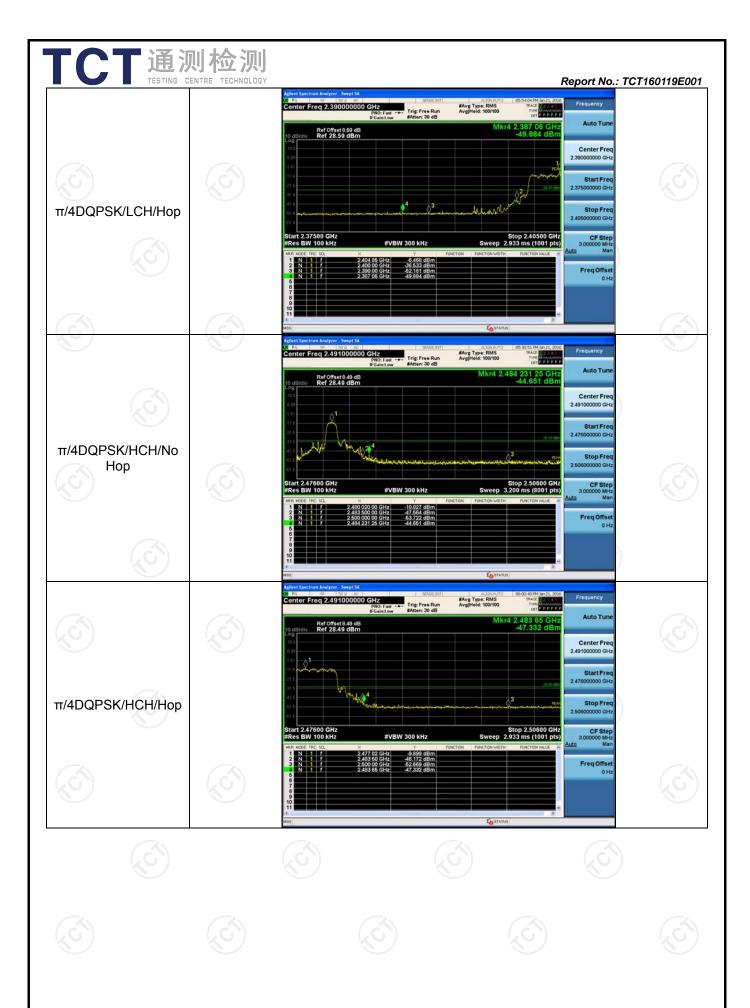
#### **Result Table**

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequenc y Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	-3.767	Off	-49.669	-23.77	PASS
			-3.607	On	-48.389	-23.61	PASS
GFSK	нсн	2480	-4.588	Off	-46.848	-24.59	PASS
			-4.537	On	-50.233	-24.54	PASS
π/4DQPSK	LCH	2402	-5.343	Off	-50.521	-25.34	PASS
			-6.468	On	-49.884	-26.47	PASS
π/4DQPSK	нсн	2480	-10.027	Off	-44.651	-30.03	PASS
			-9.899	On	-47.332	-29.9	PASS

Test Graph









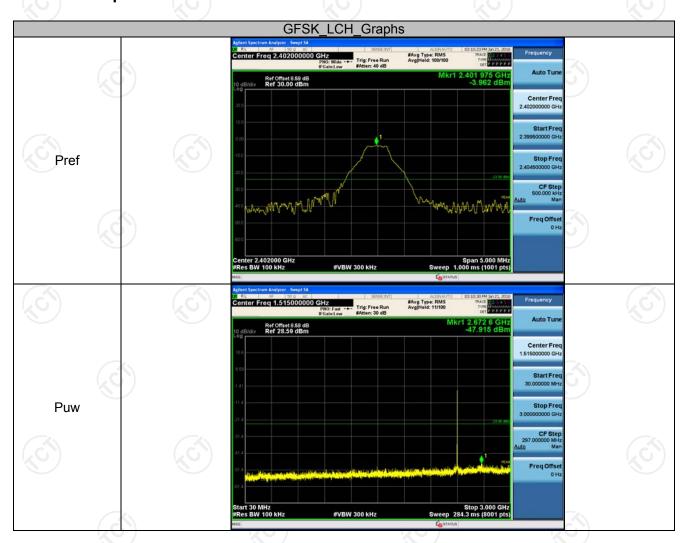


# **RF Conducted Spurious Emissions**

#### **Result Table**

Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	-3.962	<limit< td=""><td>PASS</td></limit<>	PASS
GFSK	MCH	-4.727	<limit< td=""><td>PASS</td></limit<>	PASS
GFSK	HCH	-4.709	<limit< td=""><td>PASS</td></limit<>	PASS
π/4DQPSK	LCH	-7.529	<limit< td=""><td>PASS</td></limit<>	PASS
π/4DQPSK	MCH	-6.901	<limit< td=""><td>PASS</td></limit<>	PASS
π/4DQPSK	HCH	-6.998	<limit< td=""><td>PASS</td></limit<>	PASS

#### **Test Graph**



TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160119E001 #Avg Type: RMS Avg[Hold: 11/100 4.800 00 GH -42.807 dB Ref Offset 8.59 dB Ref 28.59 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.434 375 GH -47.927 dBr Ref Offset 8.59 dB Ref 28.59 dBm Stop Free #Avg Type: RMS Avg[Hold: 8/100 4.653 125 G -46.045 dE Ref Offset 8.59 dB Ref 28.59 dBm Center Fre Stop 15.000 GHz Sweep 477.9 ms (8001 pts **#VBW** 300 kHz Page 46 of 66

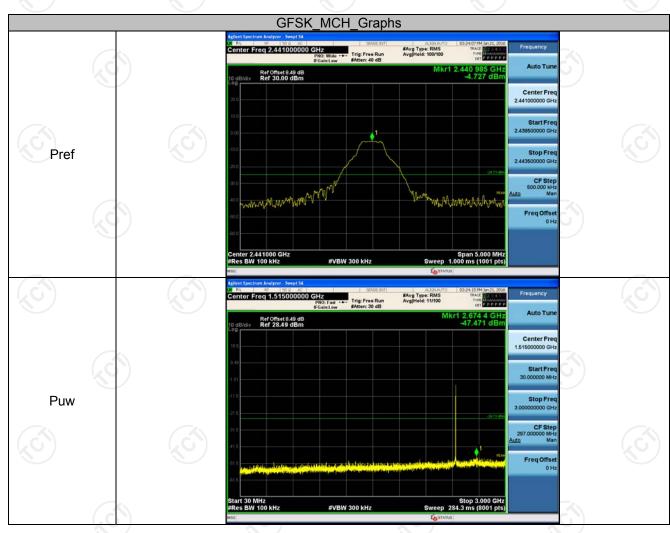
Hotline: 400-6611-140

Tel: 86-755-27673339

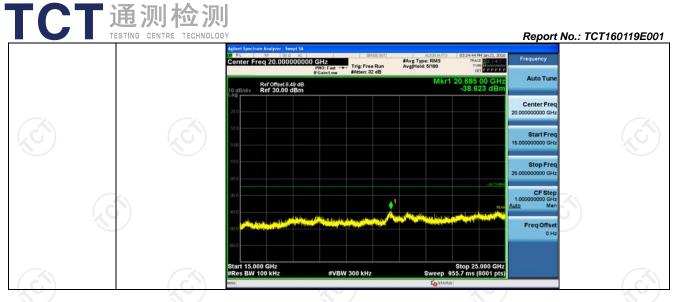
Fax: 86-755-27673332

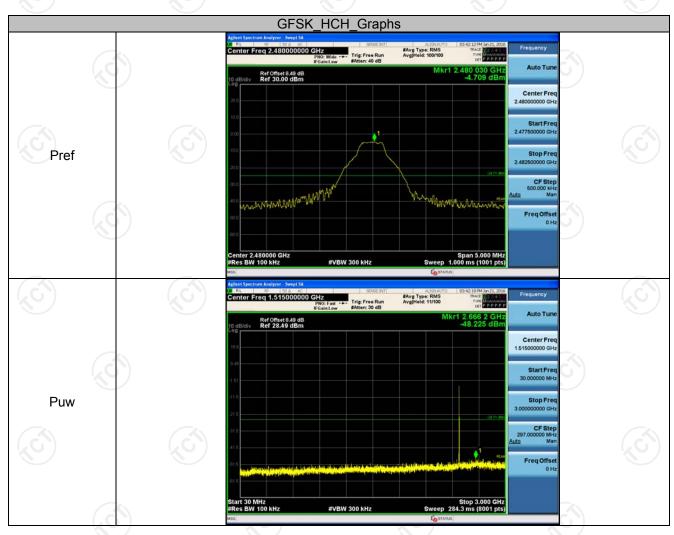
http://www.tct-lab.com





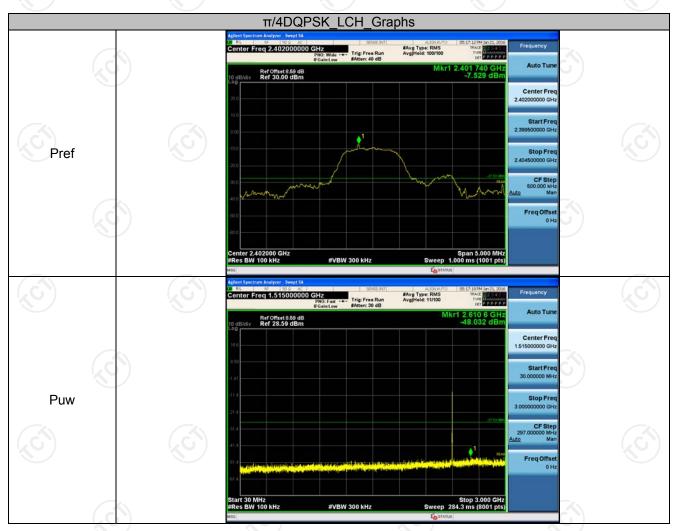
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160119E001 #Avg Type: RMS Avg[Hold: 11/100 4.800 00 GH -44.283 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 6.930 625 GH -47.940 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free Freq Offse #Avg Type: RMS Avg[Hold: 8/100 4.583 750 G -46.412 dE Ref Offset 8,49 dB Ref 28,49 dBm Center Fre Stop 15.000 GHz Sweep 477.9 ms (8001 pts **#VBW** 300 kHz Page 48 of 66





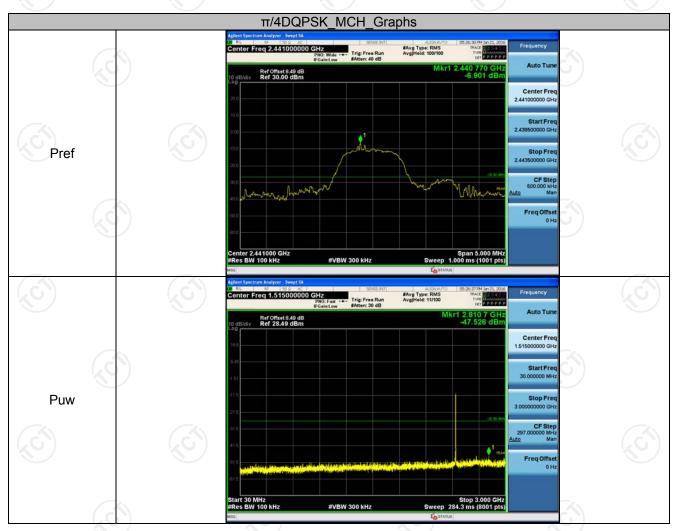
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160119E001 #Avg Type: RMS Avg[Hold: 11/100 4,800 00 GH -43,580 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.462 500 GH -47.933 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free #Avg Type: RMS Avg[Hold: 8/100 3.466 875 G -46.238 dE Ref Offset 8,49 dB Ref 28,49 dBm Center Fre Stop 15.000 GHz Sweep 477.9 ms (8001 pts **#VBW** 300 kHz Page 50 of 66





TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160119E001 #Avg Type: RMS Avg|Hold: 10/100 4.800 00 GH -42.713 dB Ref Offset 8.59 dB Ref 28.59 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.504 375 GH -47.740 dBr Ref Offset 8.59 dB Ref 28.59 dBm Stop Free #Avg Type: RMS Avg[Hold: 8/100 4.625 625 G -46.675 dE Ref Offset 8.59 dB Ref 28.59 dBm Center Fre Stop 15.000 GHz Sweep 477.9 ms (8001 pts **#VBW** 300 kHz Page 52 of 66





TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160119E001 #Avg Type: RMS Avg|Hold: 10/100 4.800 00 GH -42.294 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.517 500 GH -48.124 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 4.572 500 G -45.442 dE Ref Offset 8,49 dB Ref 28,49 dBm Center Fre Stop 15.000 GHz Sweep 477.9 ms (8001 pts **#VBW** 300 kHz Page 54 of 66

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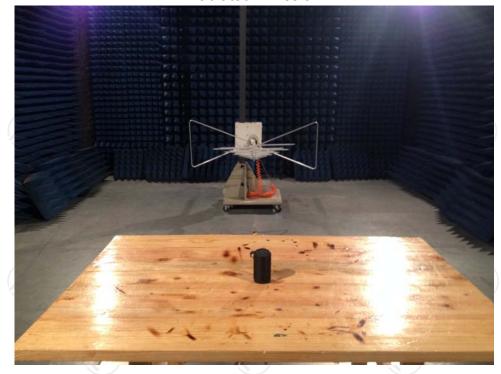
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160119E001 #Avg Type: RMS Avg|Hold: 10/100 4.800 00 GH -44.191 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.488 750 GH -47.451 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 4.591 250 G -46.020 dE Ref Offset 8,49 dB Ref 28,49 dBm Center Fre Stop 15.000 GHz Sweep 477.9 ms (8001 pts **#VBW** 300 kHz Page 56 of 66

TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160119E001 #Avg Type: RMS Avg|Hold: 5/100 PNO: Fast --- Trig: Free Run 24.627 50 GI -38.487 dE Ref Offset 8.49 dB Ref 30.00 dBm Center Fre \*\*\*\*\*END OF REPORT\*\*\*\*



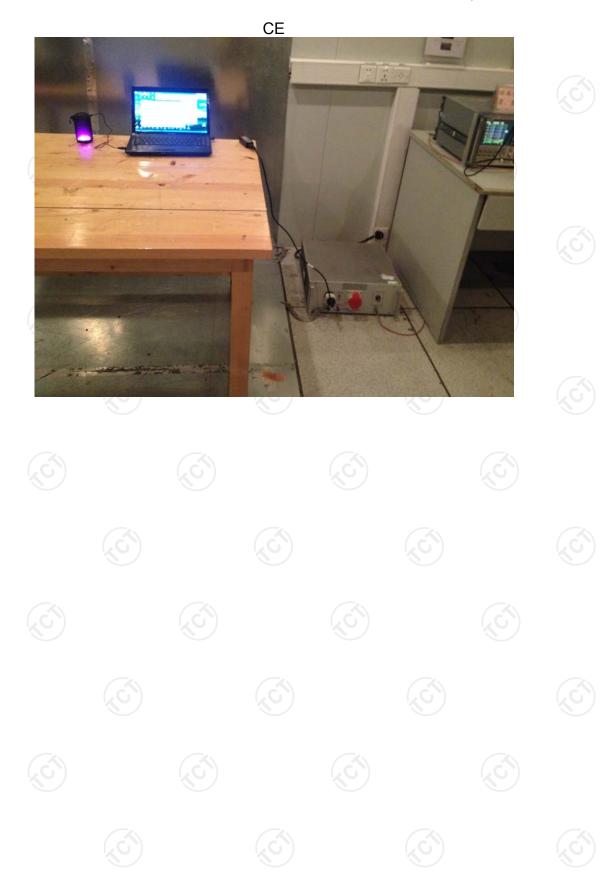
# **Appendix B: Photographs of Test Setup**

Radiated Emission





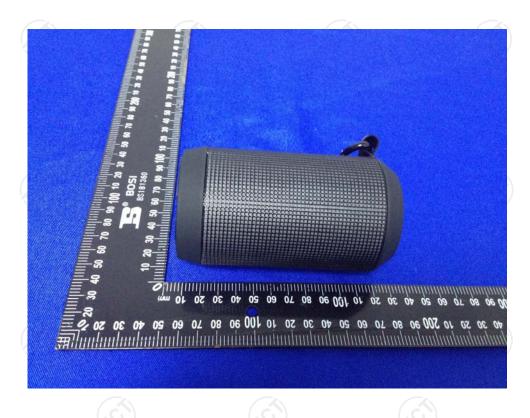






# Appendix C: Photographs of EUT Model: CQL1529-B External Photos









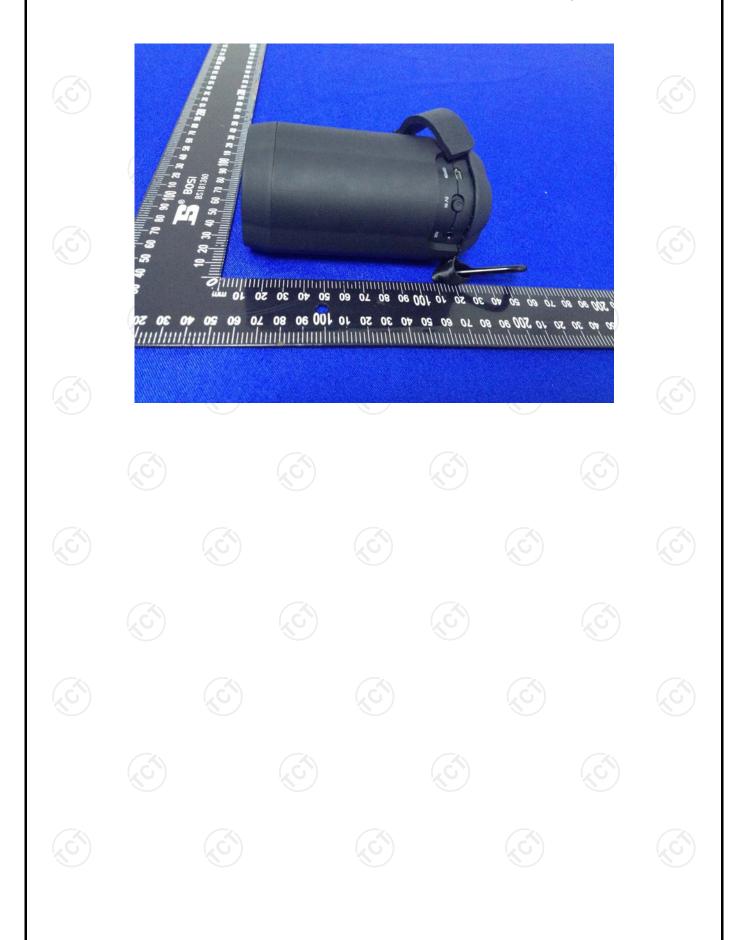


TCT通测检测
TESTING CENTRE TECHNOLOGY











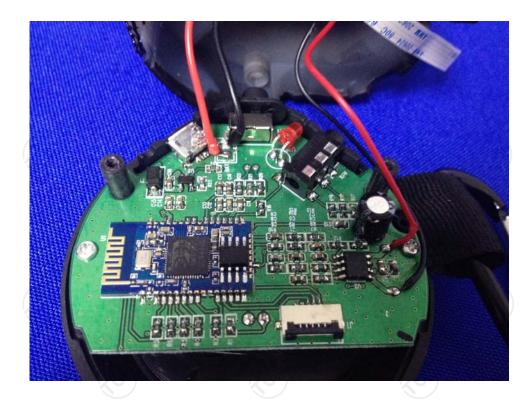
Model: CQL1529-B Internal Photos

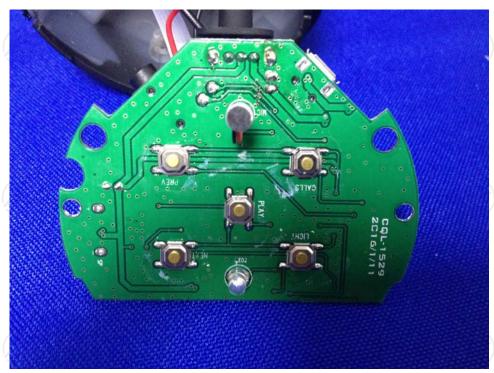












# TCT通测检测 TESTING CENTRE TECHNOLOGY

