

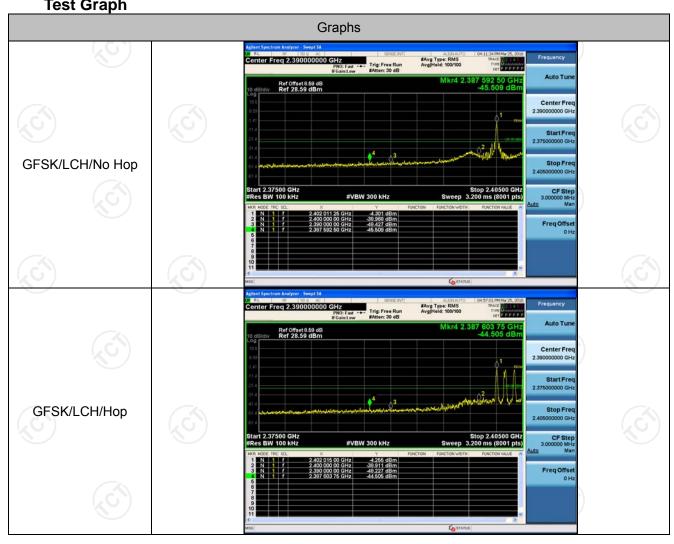


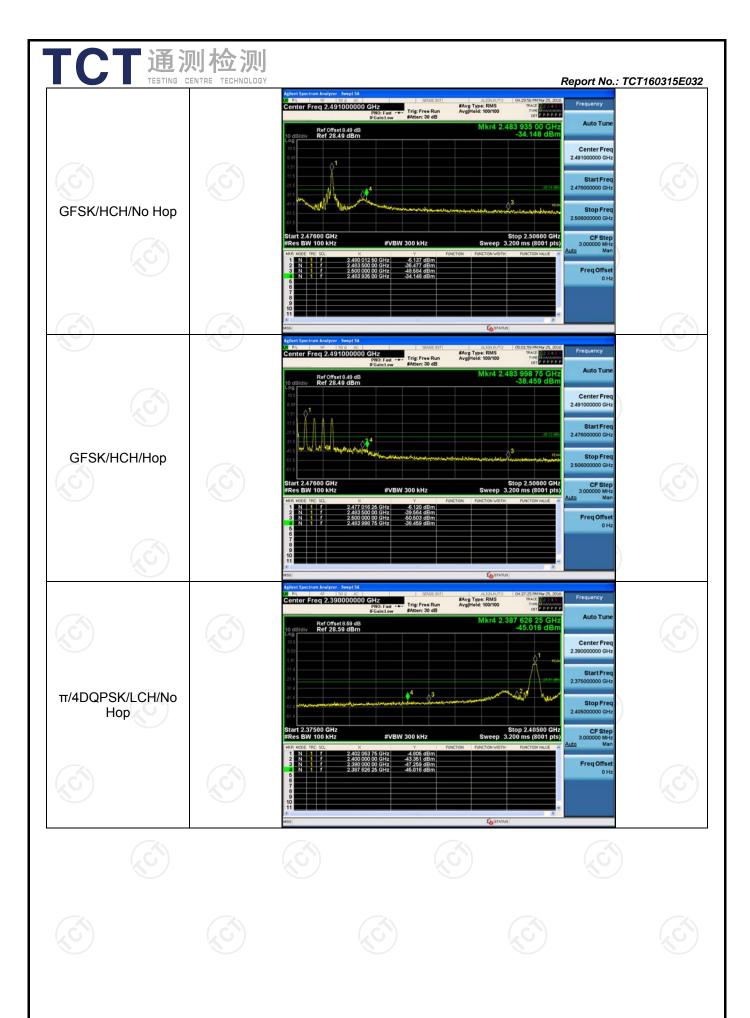
Band-edge for RF Conducted Emissions

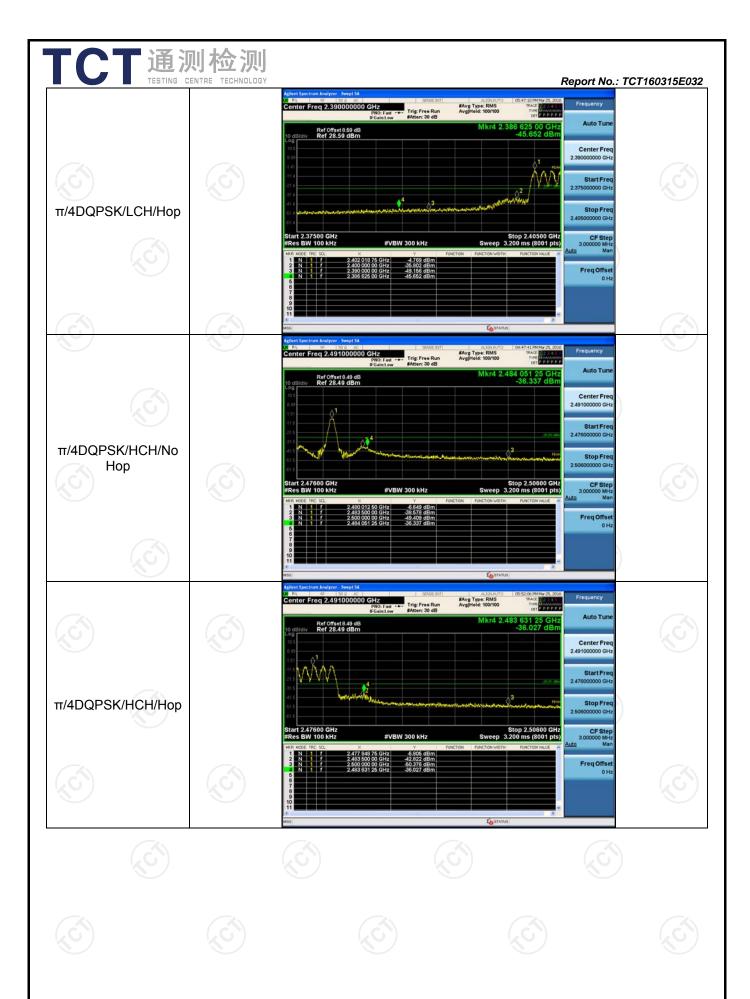
Result Table

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequenc y Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	-4.301	Off	-45.509	-24.3	PASS
			-4.255	On	-44.505	-24.26	PASS
GFSK	нсн	2480	-6.137	Off	-34.148	-26.14	PASS
			-6.120	On	-38.459	-26.12	PASS
π/4DQPSK	LCH	2402	-4.805	Off	-45.016	-24.81	PASS
			-4.769	On	-45.652	-24.77	PASS
π/4DQPSK	нсн	2480	-6.649	Off	-36.337	-26.65	PASS
			-6.805	On	-36.027	-26.81	PASS

Test Graph









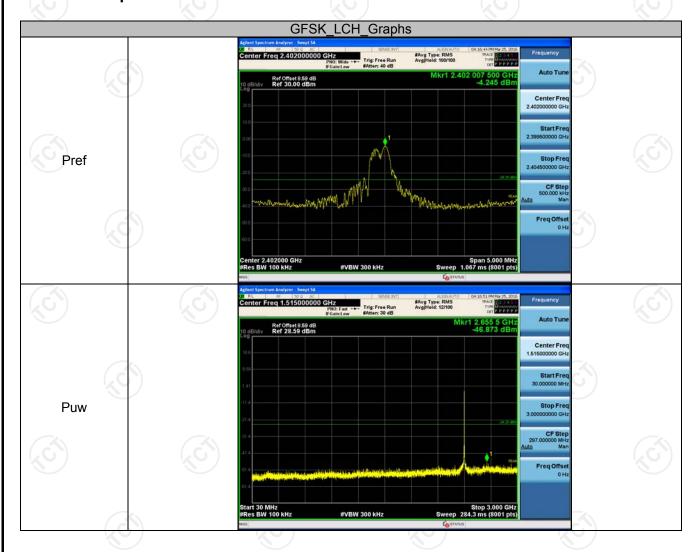


RF Conducted Spurious Emissions

Result Table

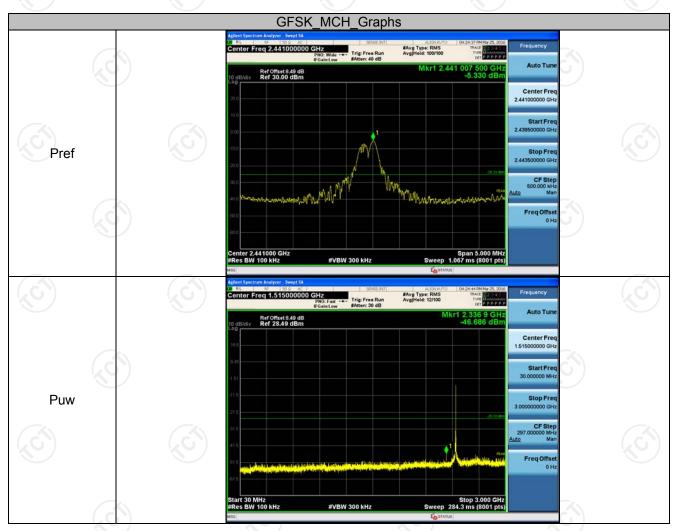
Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	-4.245	<limit< td=""><td>PASS</td></limit<>	PASS
GFSK	MCH	-5.33	<limit< td=""><td>PASS</td></limit<>	PASS
GFSK	HCH	-6.065	<limit< td=""><td>PASS</td></limit<>	PASS
π/4DQPSK	LCH	-5.035	<limit< td=""><td>PASS</td></limit<>	PASS
π/4DQPSK	MCH	-6	<limit< td=""><td>PASS</td></limit<>	PASS
π/4DQPSK	HCH	-6.827	<limit< td=""><td>PASS</td></limit<>	PASS

Test Graph



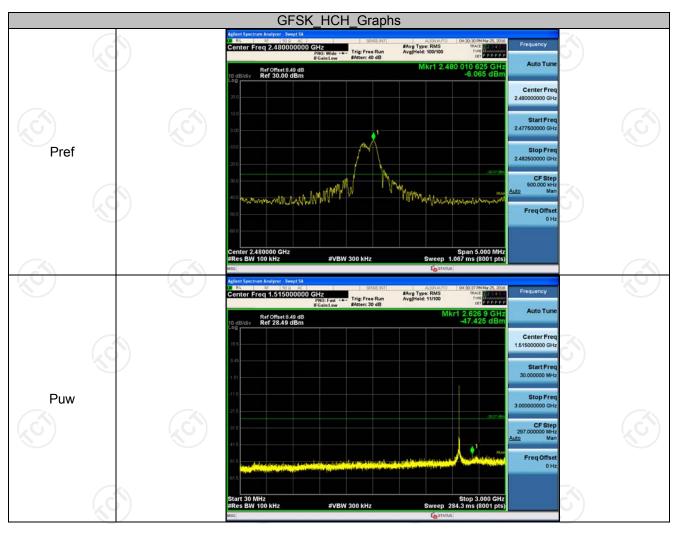
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160315E032 Center Freq 4.0000000 PNO: Fast -- Trig: Free Run #Avg Type: RMS Avg[Hold: 11/100 4.800 00 GH -41.213 dB Ref Offset 8.59 dB Ref 28.59 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.480 625 GH -47.381 dBr Ref Offset 8.59 dB Ref 28.59 dBm Stop Free nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 4.388 750 G -46.259 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 65





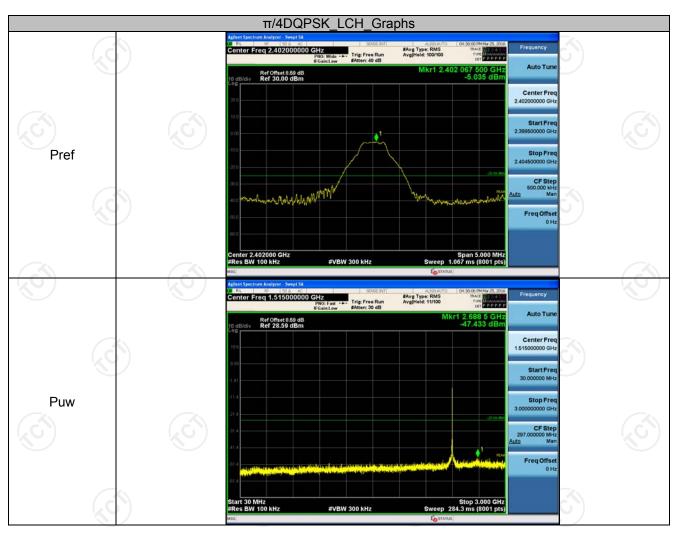
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160315E032 #Avg Type: RMS Avg[Hold: 11/100 4.800 00 GH -41.082 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.489 375 GH -48.050 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 4.495 000 G -46.716 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 65





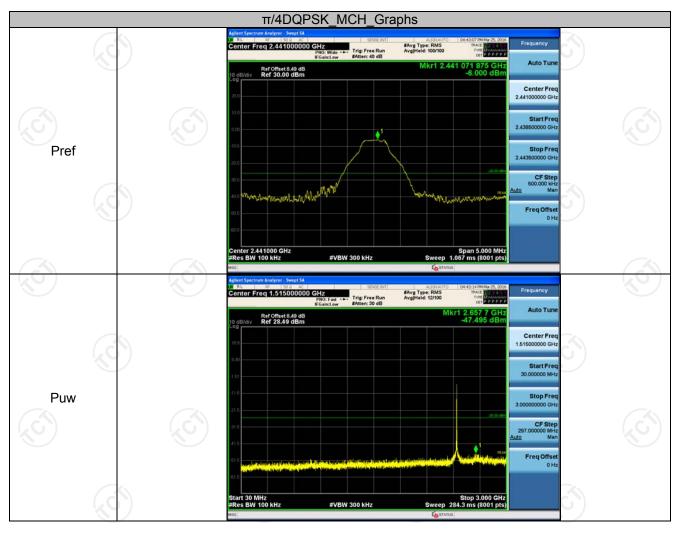
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160315E032 #Avg Type: RMS Avg[Hold: 11/100 4.800 00 GH -41.671 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.447 500 GH -47.392 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 4.387 500 G -46.762 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 65





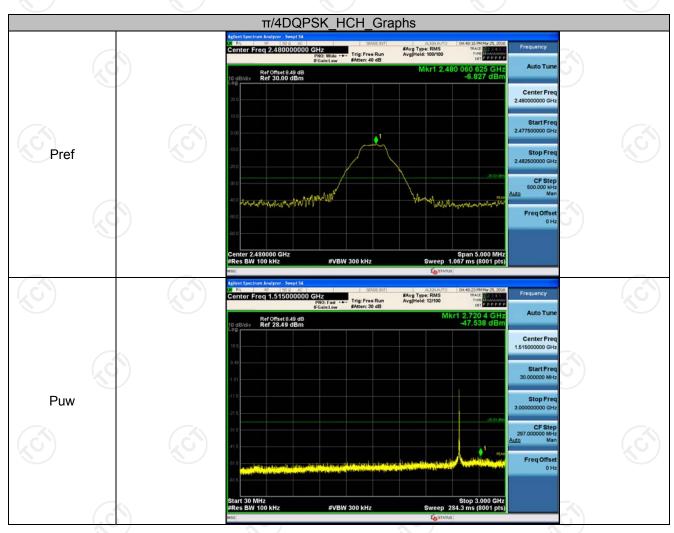
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160315E032 #Avg Type: RMS Avg[Hold: 11/100 4.800 00 GH -41.222 dB Ref Offset 8.59 dB Ref 28.59 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 Ref Offset 8.59 dB Ref 28.59 dBm 9.500 625 GH -47.333 dBr Stop Free nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 12.879 375 G -46.301 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 65





TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160315E032 #Avg Type: RMS Avg[Hold: 11/100 4.800 00 GH -42.646 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.476 875 GH -47.220 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 4.515 625 G -46.441 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 65





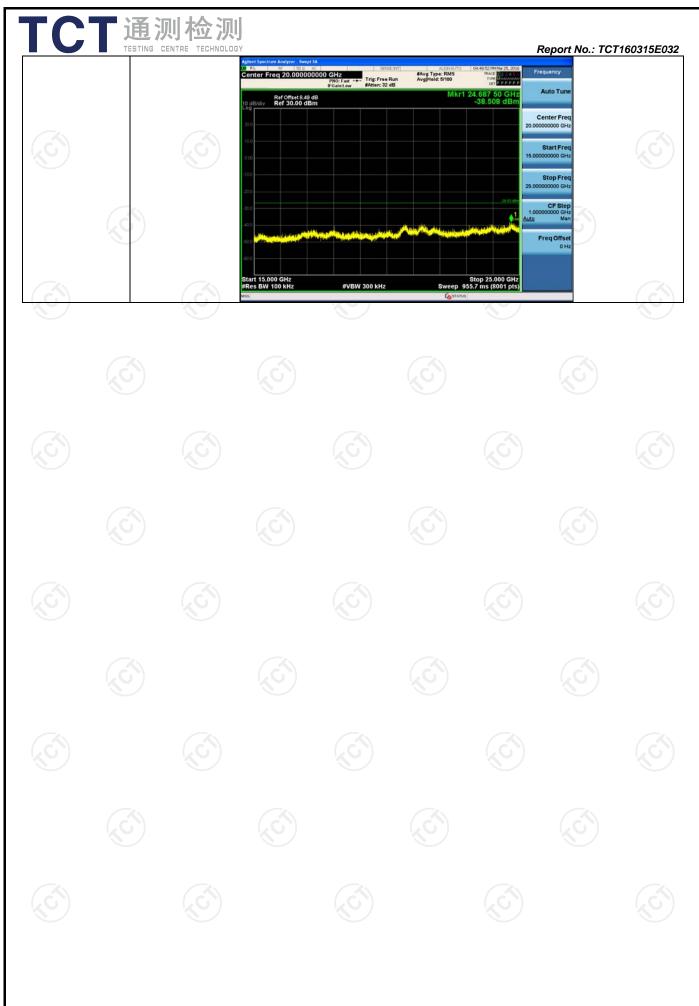
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160315E032 #Avg Type: RMS Avg[Hold: 11/100 4.800 00 GH -41.392 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.491 875 GH -47.919 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 4.595 625 G -46.625 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 65

Hotline: 400-6611-140

Tel: 86-755-27673339

Fax: 86-755-27673332

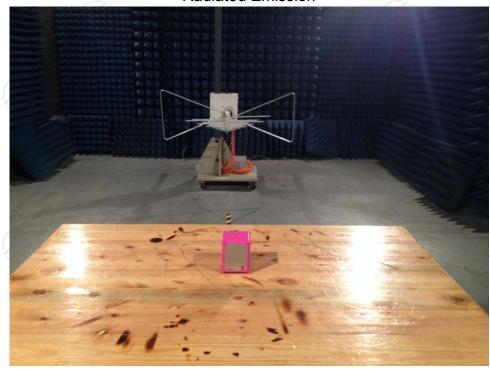
http://www.tct-lab.com





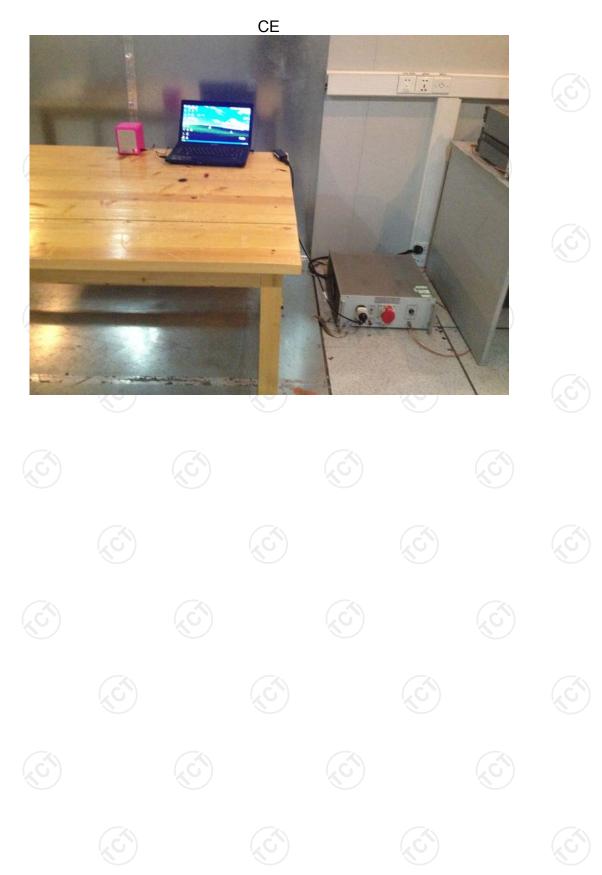
Appendix B: Photographs of Test Setup

Radiated Emission





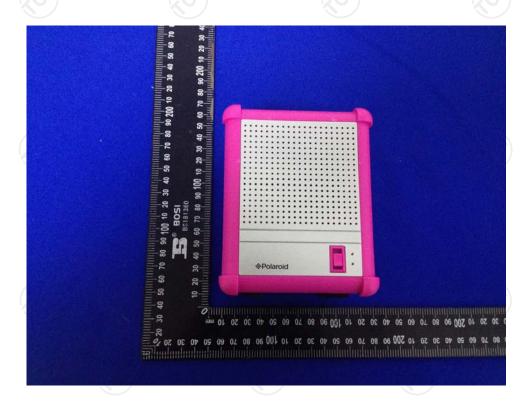






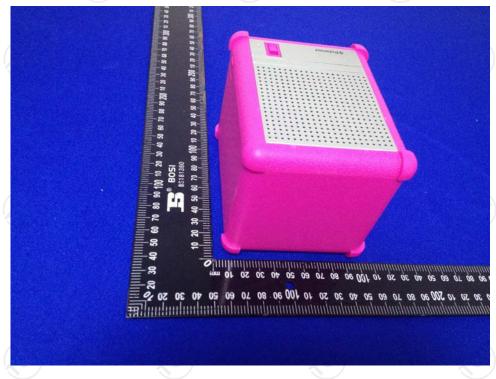
Appendix C: Photographs of EUT
Model: CQL1415-B
External Photos





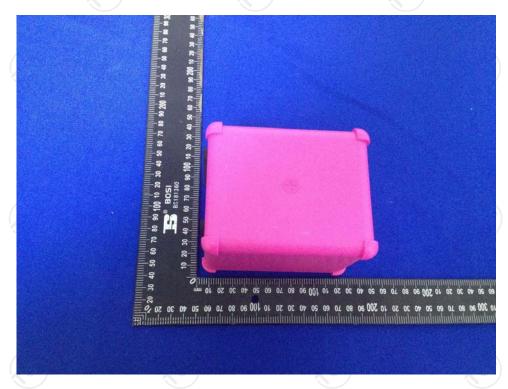














Model: CQL1415-B Internal Photos



