

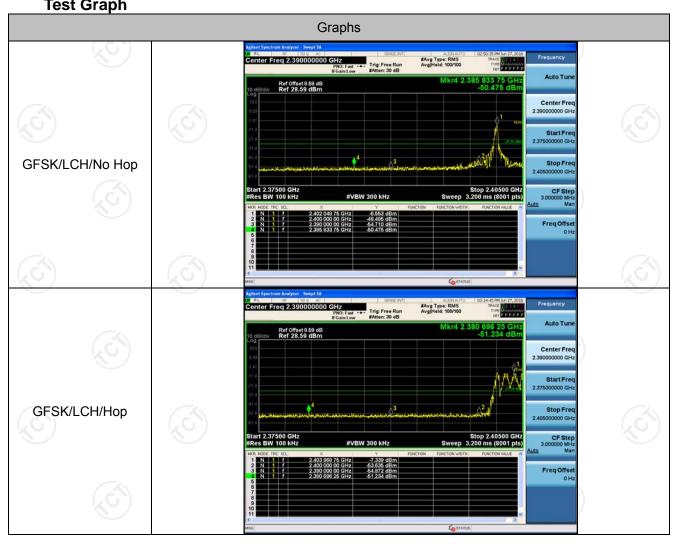


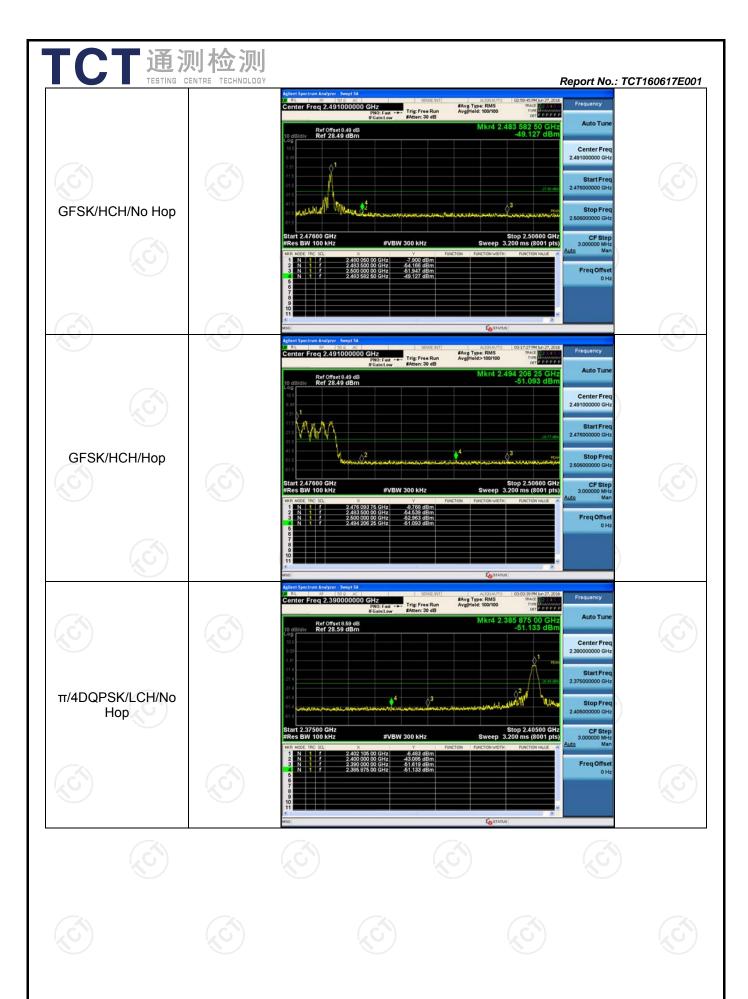
Band-edge for RF Conducted Emissions

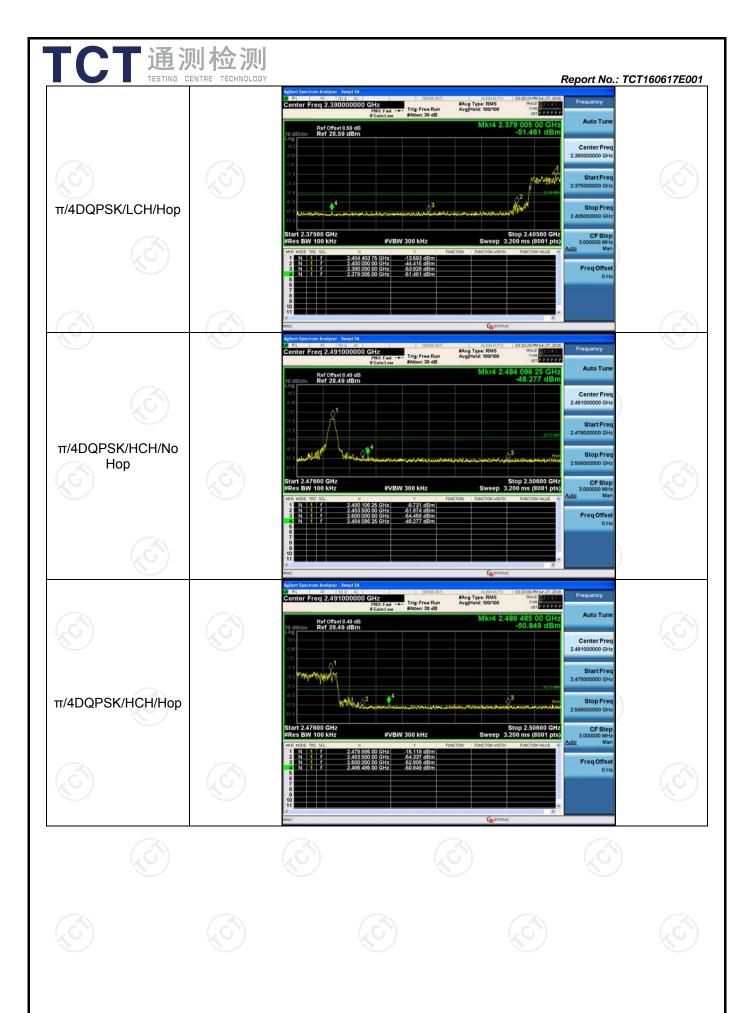
Result Table

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequenc y Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	-6.553	Off	-50.475	-26.55	PASS
			-7.339	On	-51.234	-27.34	PASS
GFSK	нсн	2480	-7.900	Off	-49.127	-27.9	PASS
			-8.768	On	-51.093	-28.77	PASS
π/4DQPSK	LCH	2402	-6.483	Off	-51.133	-26.48	PASS
			-13.593	On	-51.461	-33.59	PASS
π/4DQPSK	нсн	2480	-8.731	Off	-48.277	-28.73	PASS
			-15.118	On	-50.849	-35.12	PASS

Test Graph









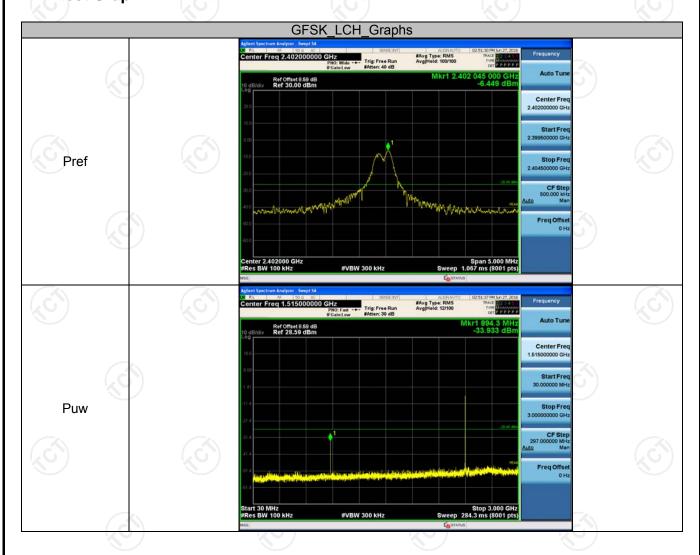


RF Conducted Spurious Emissions

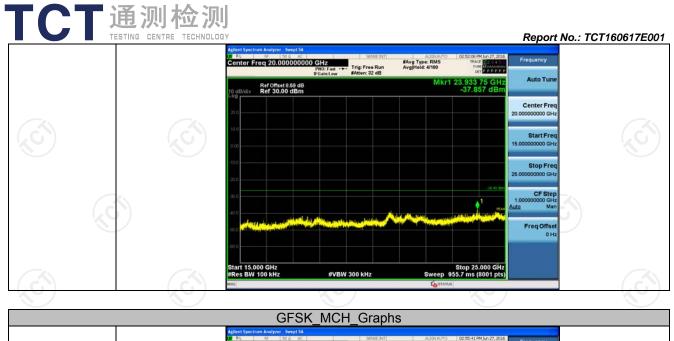
Result Table

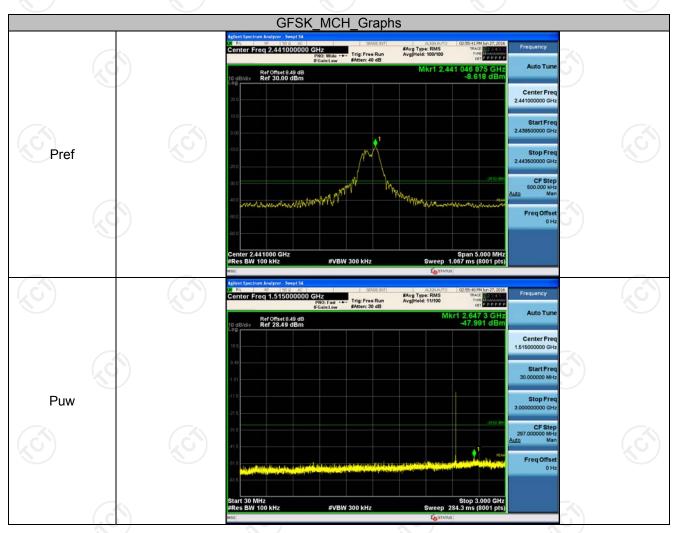
Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	-6.449	<limit< td=""><td>PASS</td></limit<>	PASS
GFSK	MCH	-8.618	<limit< td=""><td>PASS</td></limit<>	PASS
GFSK	HCH	-7.713	<limit< td=""><td>PASS</td></limit<>	PASS
π/4DQPSK	LCH	-6.6	<limit< td=""><td>PASS</td></limit<>	PASS
π/4DQPSK	MCH	-8.989	<limit< td=""><td>PASS</td></limit<>	PASS
π/4DQPSK	HCH	-8.709	<limit< td=""><td>PASS</td></limit<>	PASS

Test Graph



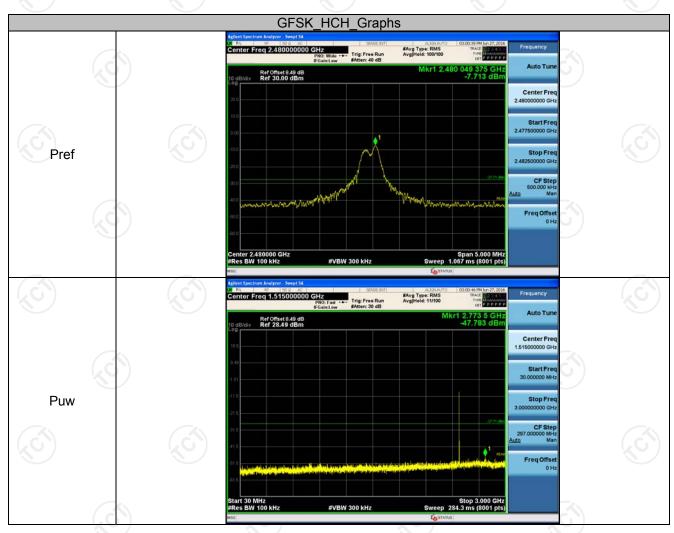
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160617E001 Center Freq 4.0000000 PNO: Fast -- Trig: Free Run #Avg Type: RMS Avg[Hold: 11/100 1 3.328 00 GH -44.510 dB Ref Offset 8.59 dB Ref 28.59 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.444 375 GH -46.470 dBr Ref Offset 8.59 dB Ref 28.59 dBm Stop Free Freq Offset nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 4.563 125 G -46.669 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 67





TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160617E001 #Avg Type: RMS Avg[Hold: 11/100 3.328 00 GH -42.925 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 Vkr1 6.417 500 GH -48.026 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free Freq Offset nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 4.508 750 G -45.884 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 67





TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160617E001 #Avg Type: RMS Avg[Hold: 11/100 3.328 00 GH -43.211 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.495 000 GH -47.464 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 4.514 375 G -45.917 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 67

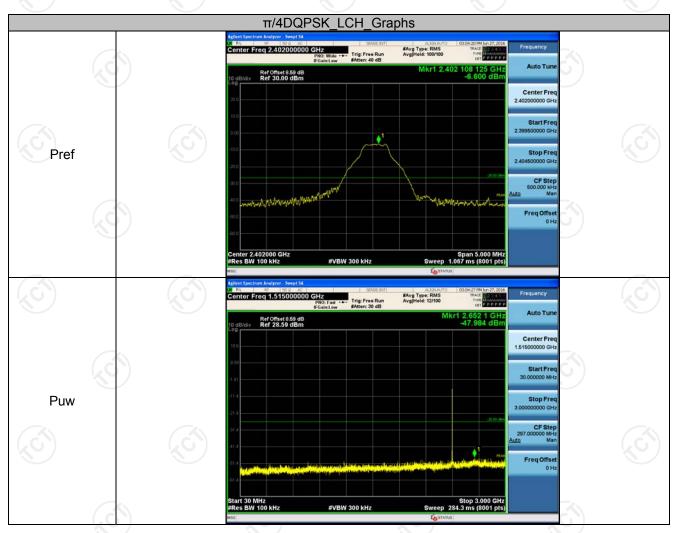
Hotline: 400-6611-140

Tel: 86-755-27673339

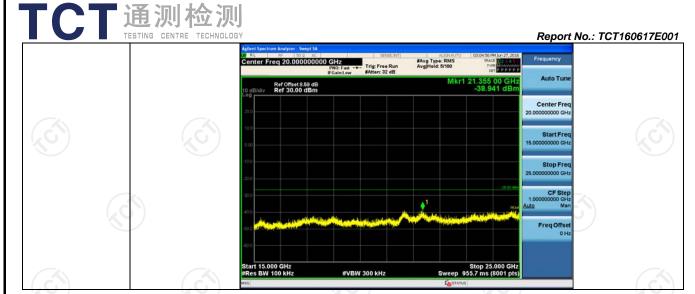
Fax: 86-755-27673332

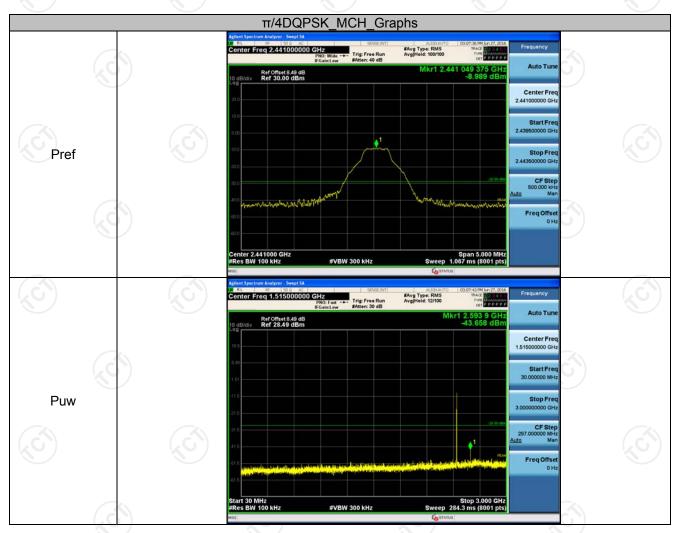
http://www.tct-lab.com





TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160617E001 #Avg Type: RMS Avg[Hold: 11/100 3.328 00 GH -43.526 dB Ref Offset 8.59 dB Ref 28.59 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 8.892 500 GH -47.326 dBr Ref Offset 8.59 dB Ref 28.59 dBm Stop Free Freq Offse #Avg Type: RMS Avg[Hold: 8/100 4.472 500 G -45.972 dE Ref Offset 8.59 dB Ref 28.59 dBm Center Free Stop 15.000 GHz Sweep 477.9 ms (8001 pts **#VBW** 300 kHz Page 52 of 67





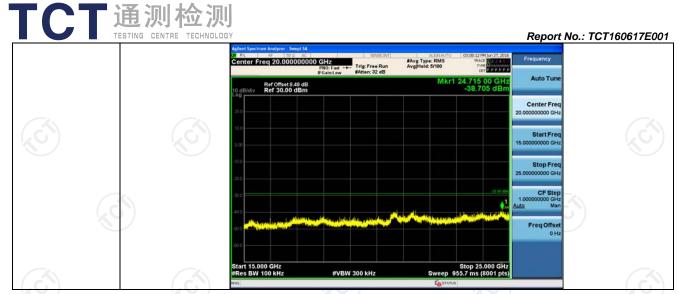
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160617E001 #Avg Type: RMS Avg[Hold: 11/100 1 3.328 00 GH -43.134 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.501 250 GH -47.006 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 4.434 375 G -46.429 dE Ref Offset 8,49 dB Ref 28,49 dBm Center Free Stop 15.000 GHz Sweep 477.9 ms (8001 pts **#VBW** 300 kHz Page 54 of 67

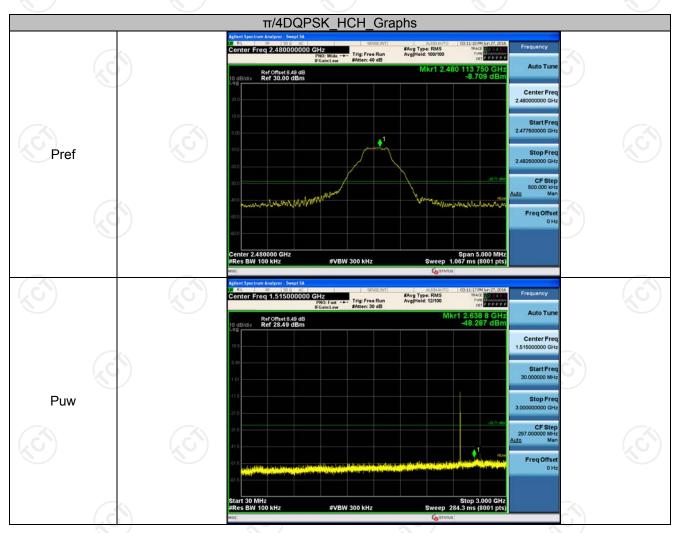
Hotline: 400-6611-140

Tel: 86-755-27673339

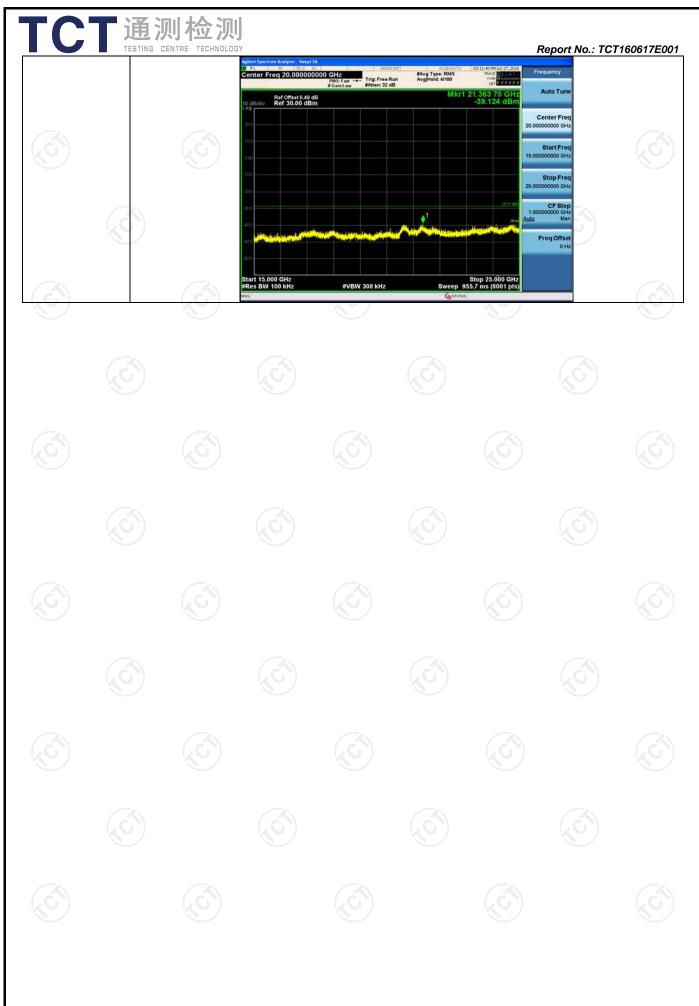
Fax: 86-755-27673332

http://www.tct-lab.com





TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160617E001 #Avg Type: RMS Avg[Hold: 11/100 3.328 00 GH -42.475 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.478 125 GH -47.114 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 4.449 375 G -46.113 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 67

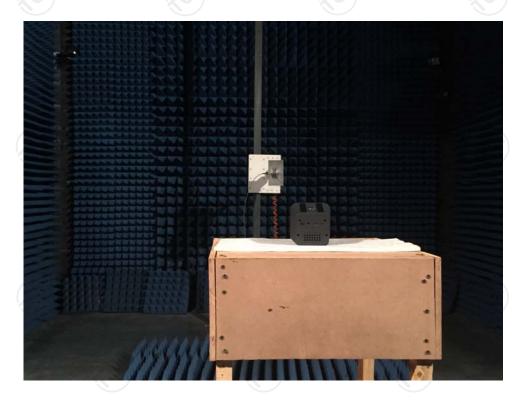




Appendix B: Photographs of Test Setup Product: Bluetooth Speaker

Product: Bluetooth Speaker Model: CQL1554-B Radiated Emission







Conducted Emission



















































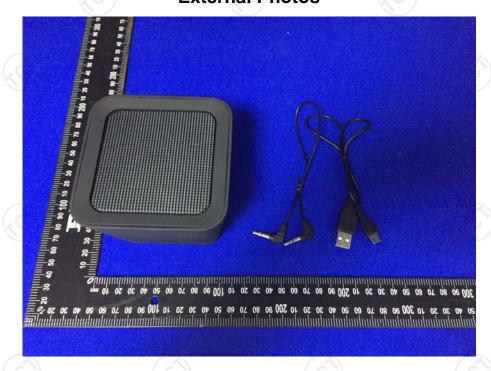


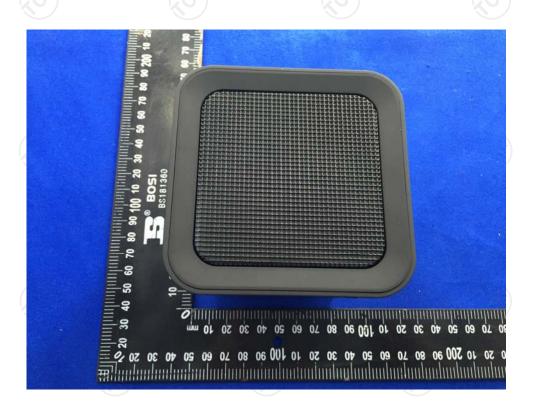






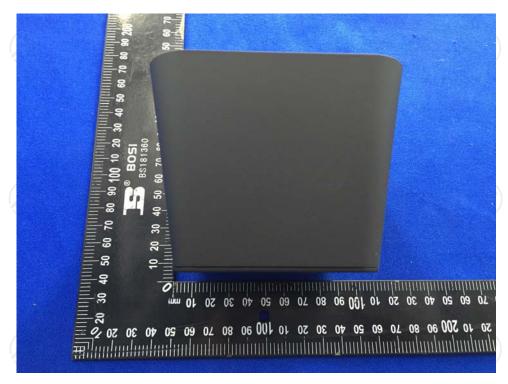
Appendix C: Photographs of EUT Product: Bluetooth Speaker Model: CQL1554-B External Photos





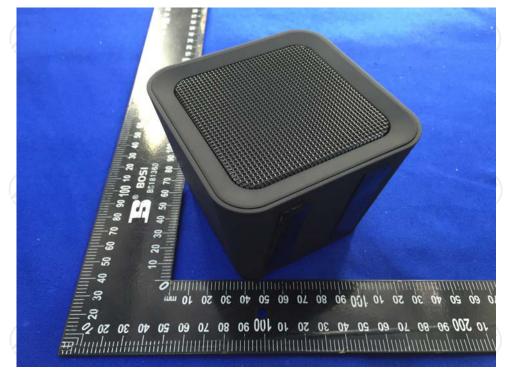


















Product: Bluetooth Speaker Model: CQL1554-B Internal Photos

