



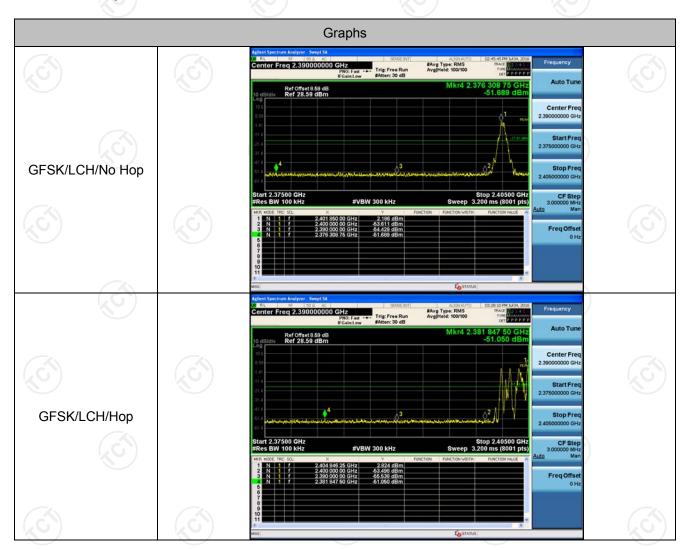


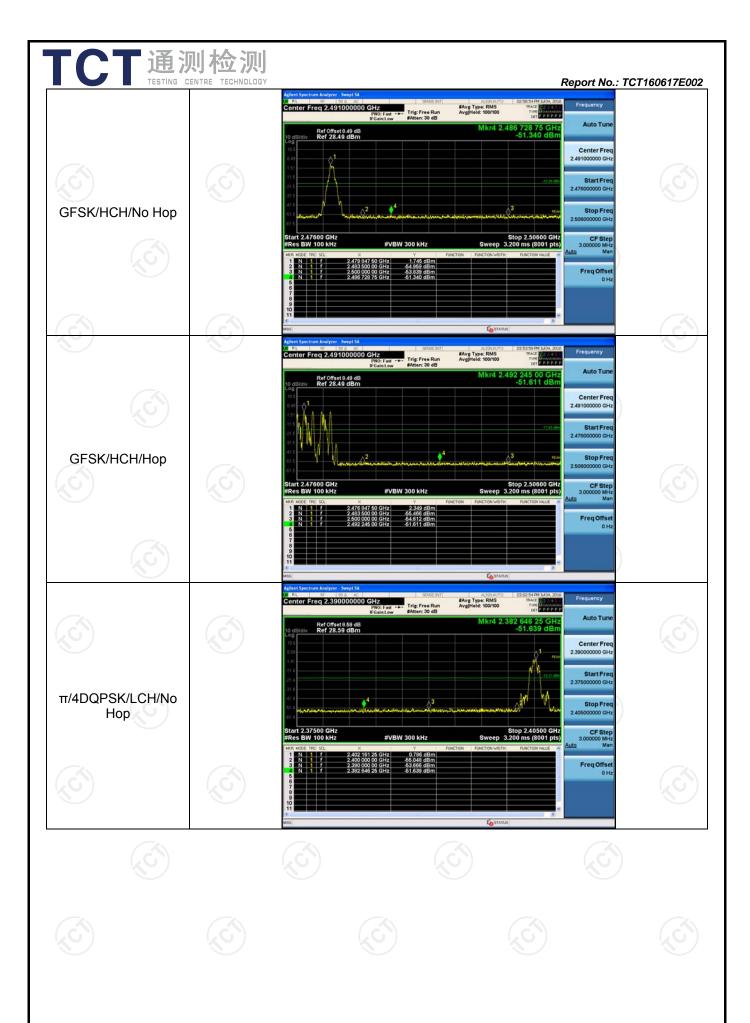
## **Band-edge for RF Conducted Emissions**

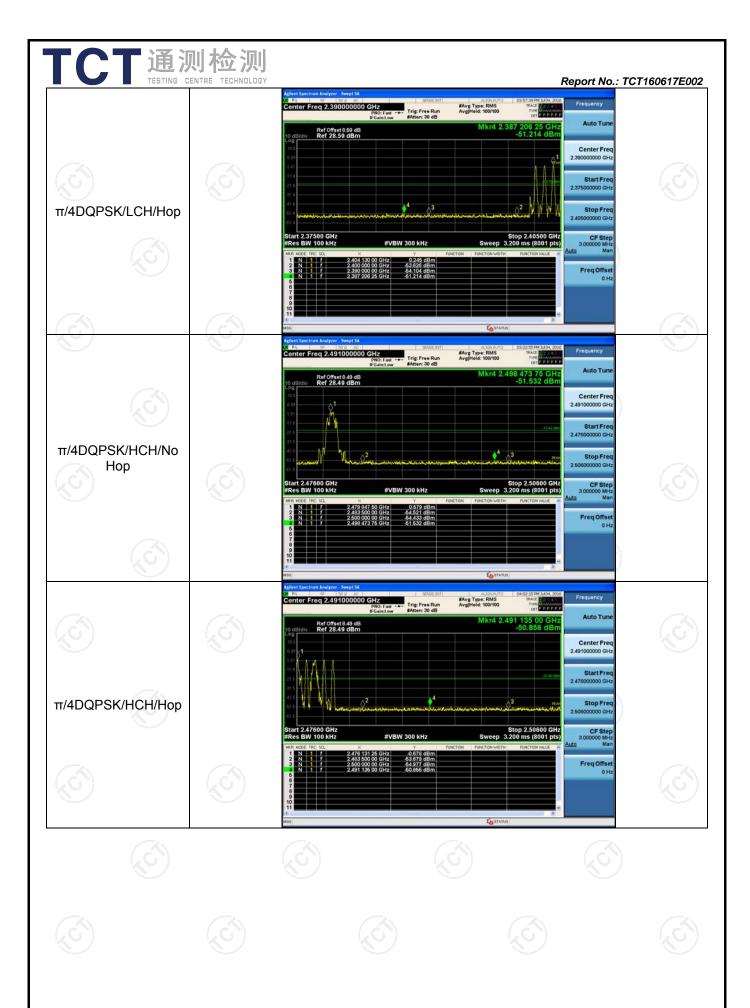
#### **Result Table**

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	2.186	Off	-51.689	-17.81	PASS
			2.824	On	-51.050	-17.18	PASS
GFSK	НСН	2480	1.745	Off	-51.340	-18.26	PASS
			2.349	On	-51.611	-17.65	PASS
π/4DQPSK	LCH	2402	0.786	Off	-51.639	-19.21	PASS
			0.245	On	-51.214	-19.76	PASS
π/4DQPSK	нсн	2480	0.579	Off	-51.532	-19.42	PASS
			-0.678	On	-50.856	-20.68	PASS

### **Test Graph**









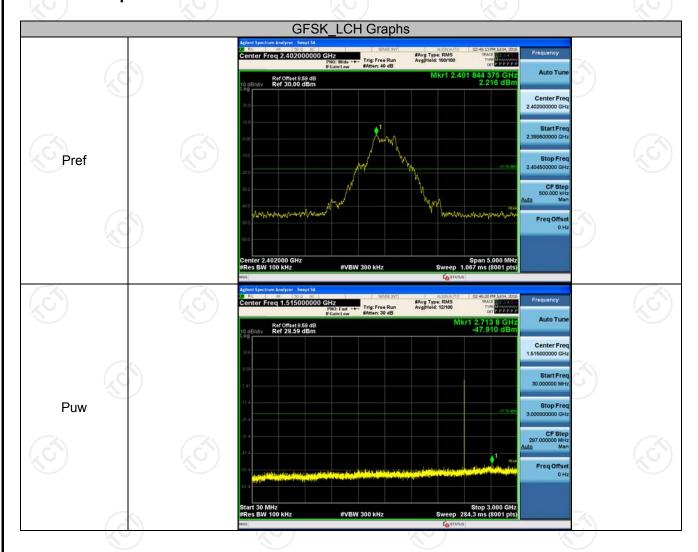


# **RF Conducted Spurious Emissions**

#### **Result Table**

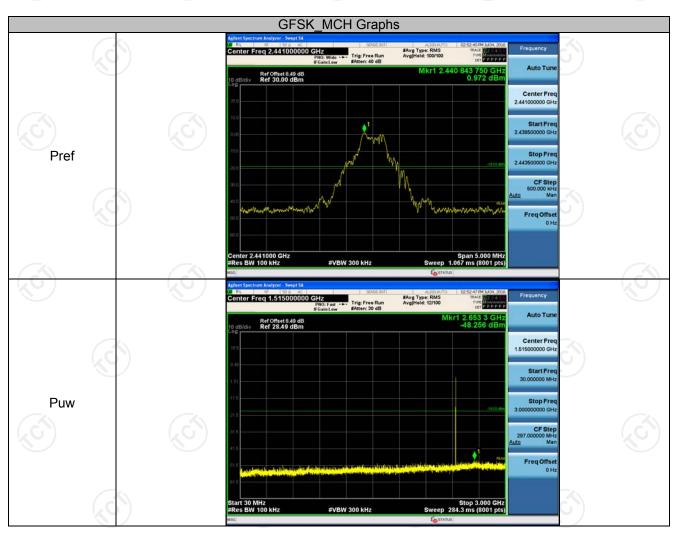
Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
GFSK	LCH	2.216	<limit< td=""><td>PASS</td></limit<>	PASS
GFSK	MCH	0.972	<limit< td=""><td>PASS</td></limit<>	PASS
GFSK	HCH	1.76	<limit< td=""><td>PASS</td></limit<>	PASS
π/4DQPSK	LCH	-0.412	<limit< td=""><td>PASS</td></limit<>	PASS
π/4DQPSK	MCH	-0.732	<limit< td=""><td>PASS</td></limit<>	PASS
π/4DQPSK	HCH	0.207	<limit< td=""><td>PASS</td></limit<>	PASS

#### **Test Graph**



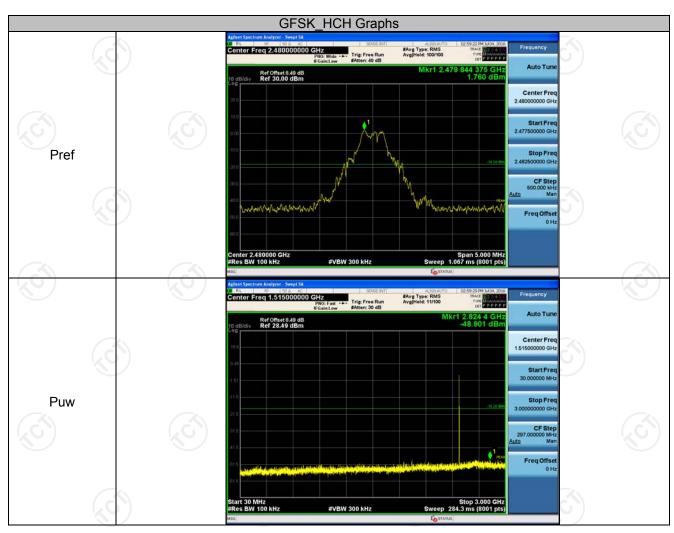
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160617E002 Center Freq 4.00000000 PNO: Fast -- Trig: Free Run #Avg Type: RMS Avg[Hold: 11/100 4.800 00 GH -48.321 dB Ref Offset 8.59 dB Ref 28.59 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 6.086 875 GH -47.987 dBr Ref Offset 8.59 dB Ref 28.59 dBm Stop Fre Freq Offset #Avg Type: RMS Avg[Hold: 8/100 4.725 000 G -46.689 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 68





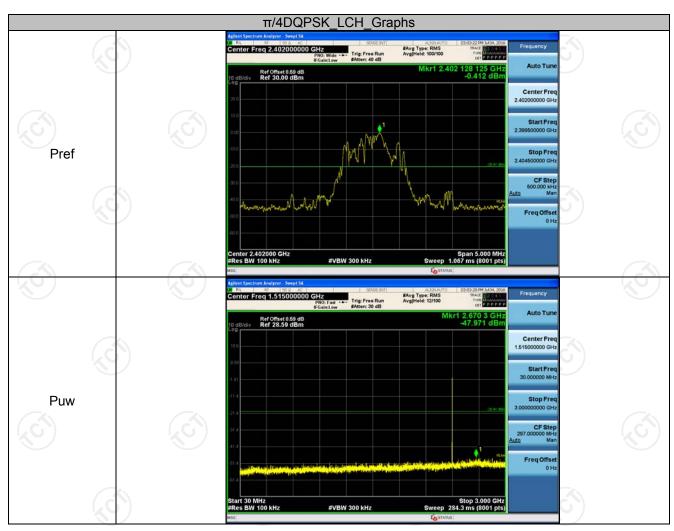
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160617E002 #Avg Type: RMS Avg[Hold: 11/100 4,800 00 GH -45,456 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.439 375 GH -48.131 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Fre nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 4.498 125 G -45.448 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 68





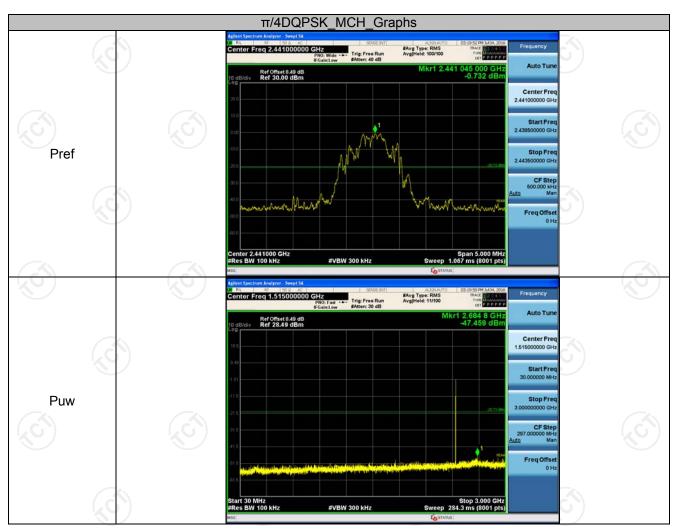
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160617E002 #Avg Type: RMS Avg[Hold: 11/100 4.800 00 GH -47.198 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.458 125 GH -47.418 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Fre nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 4.481 875 G -45.772 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 68





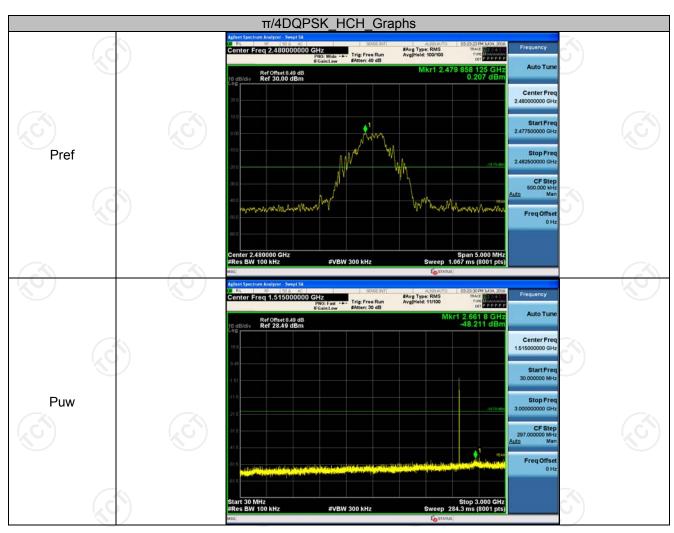
TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160617E002 #Avg Type: RMS Avg[Hold: 11/100 4.800 00 GH -46.211 dB Ref Offset 8.59 dB Ref 28.59 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.453 750 GH -47.687 dBr Ref Offset 8.59 dB Ref 28.59 dBm Stop Fre nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 8/100 4.580 000 G -46.419 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 68



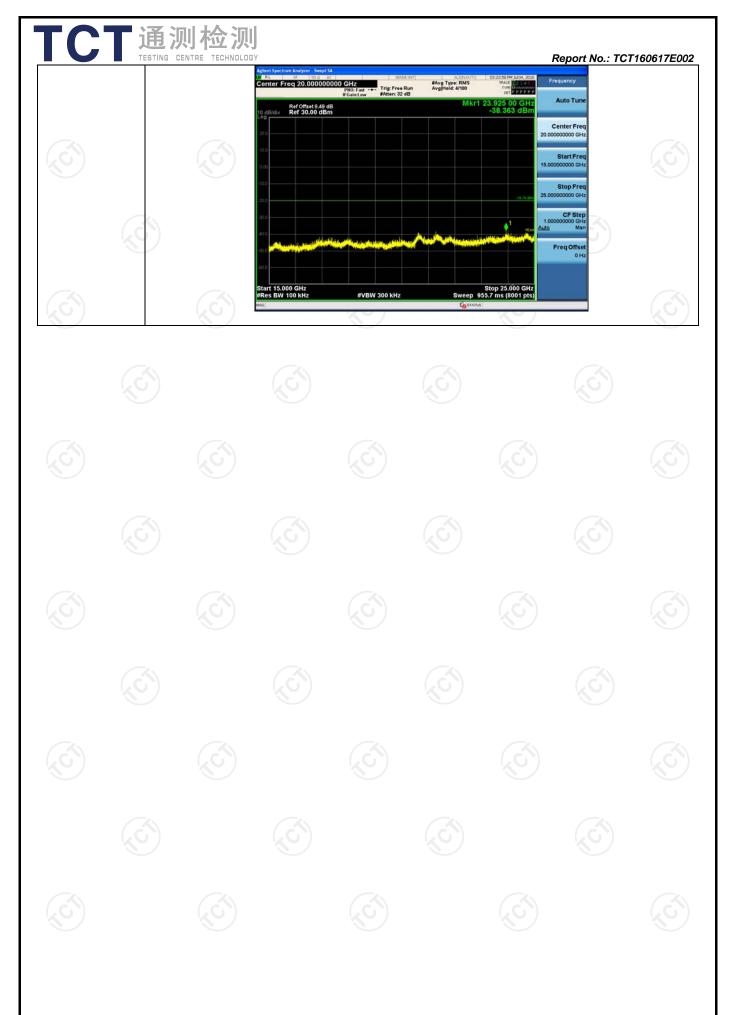


TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160617E002 #Avg Type: RMS Avg[Hold: 11/100 4.800 00 GH -47.620 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.461 250 GH -47.338 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Free nter Freq 12.500000000 GHz #Avg Type: RMS Avg[Hold: 5/100 3.873 125 G -46.499 dE Ref Offset 8,49 dB Ref 28,49 dBm Center Fre CF Step 20000 MH Stop 15.000 GHz Sweep 477.9 ms (8001 pts **#VBW** 300 kHz Page 54 of 68





TCT通测检测
TESTING CENTRE TECHNOLOGY Report No.: TCT160617E002 #Avg Type: RMS Avg[Hold: 11/100 4,800 00 GH -48,032 dB Ref Offset 8.49 dB Ref 28.49 dBm Center Free enter Freq 7.500000000 GHz #Avg Type: RMS Avg[Hold: 9/100 9.504 375 GH -47.807 dBr Ref Offset 8.49 dB Ref 28.49 dBm Stop Fre #Avg Type: RMS Avg[Hold: 8/100 4.435 625 G -45.484 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 68





### Appendix B: Photographs of Test Setup Product: Bluetooth Speaker

Product: Bluetooth Speaker Model: CQL1555-B Radiated Emission







#### Conducted Emission









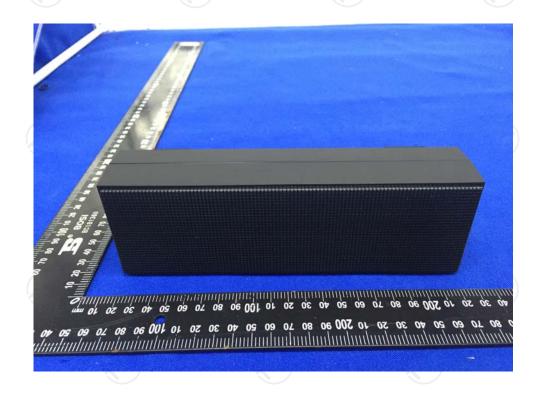






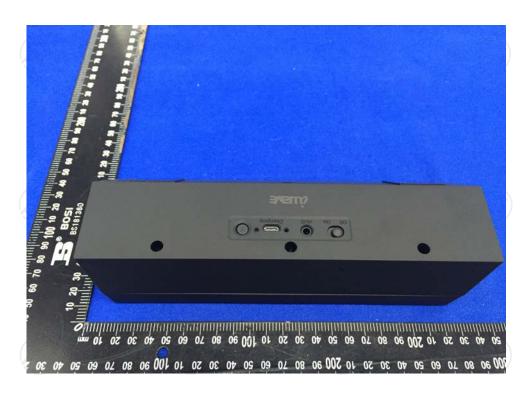
Appendix C: Photographs of EUT Product: Bluetooth Speaker Model: CQL1555-B External Photos

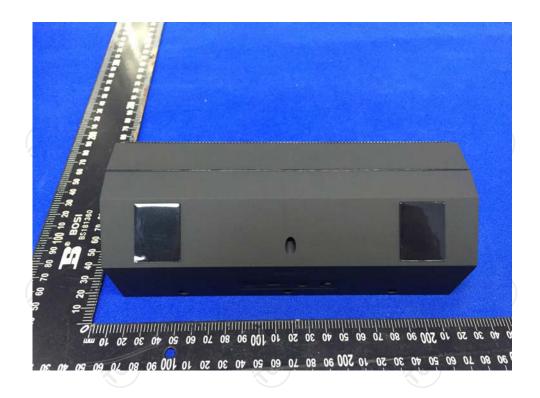


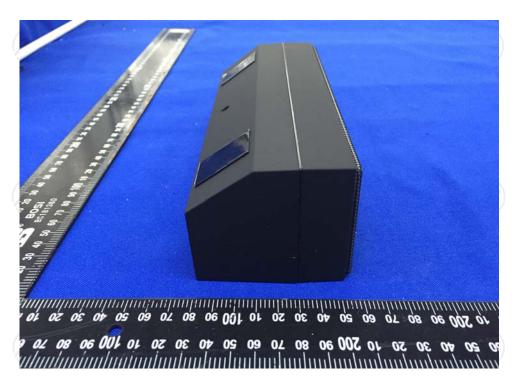


















Product: Bluetooth Speaker Model: CQL1555-B Internal Photos

