# **Appendix B**

# RF Test Data for BT V5.0 (BT LE) (Conducted Measurement)

Product Name: WIRELESS HEADPHONES
Trade Mark: N/A

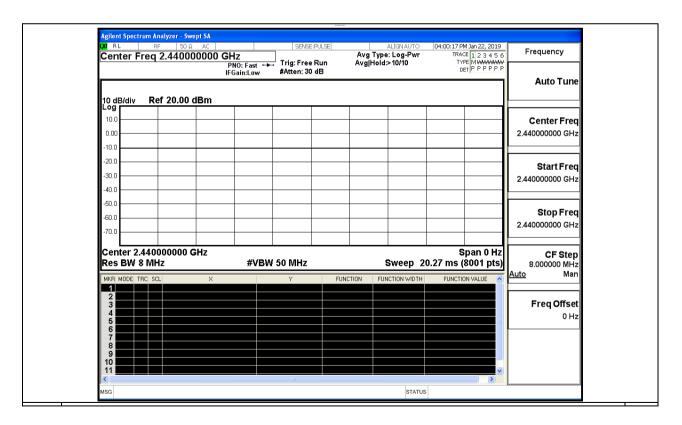
Test Model: S609-BT

#### **Environmental Conditions**

•						
Temperature:	24.2 ° C					
Relative Humidity:	54.1%					
ATM Pressure:	100.0 kPa					
Test Engineer:	David.Luo					
Supervised by:	Jayden.Zhuo					

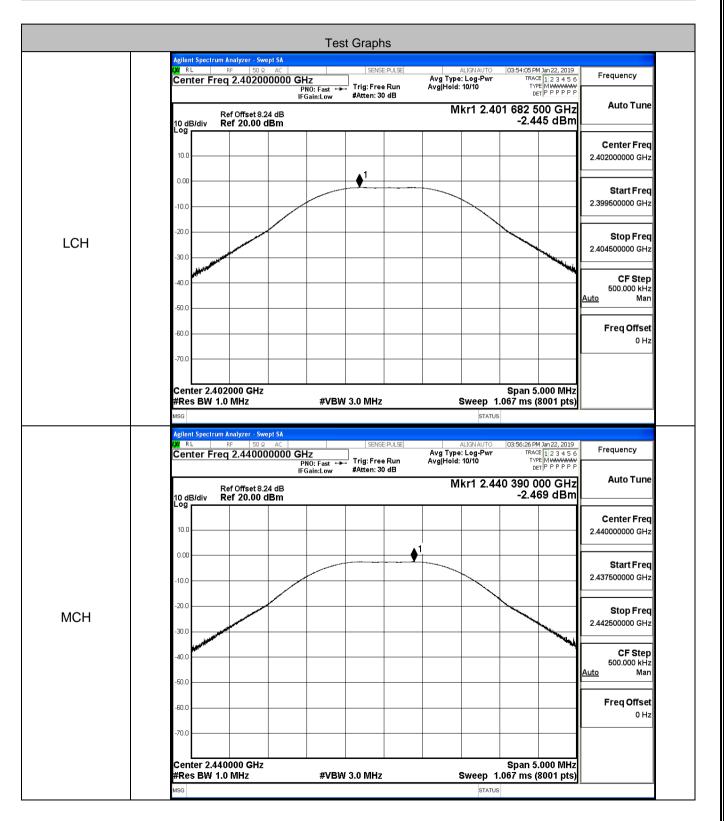
## **B.1 Duty Cycle**

Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict	
BT LE	2440	Ant1	100	PASS	

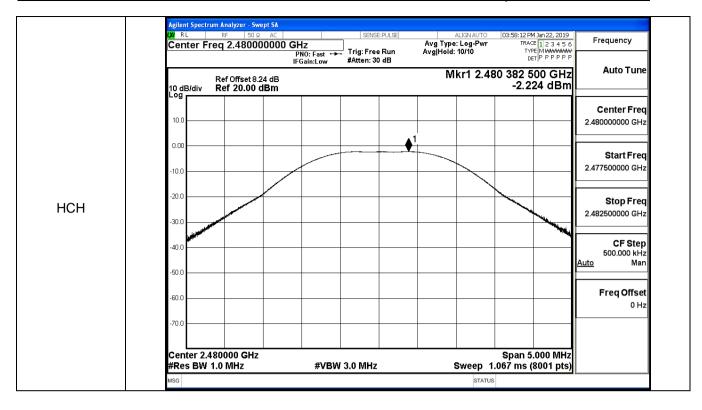


### **B.2 Maximum Conducted Peak Output Power**

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.445	30	PASS
BT LE	MCH	-2.469	30	PASS
BT LE	НСН	-2.224	30	PASS

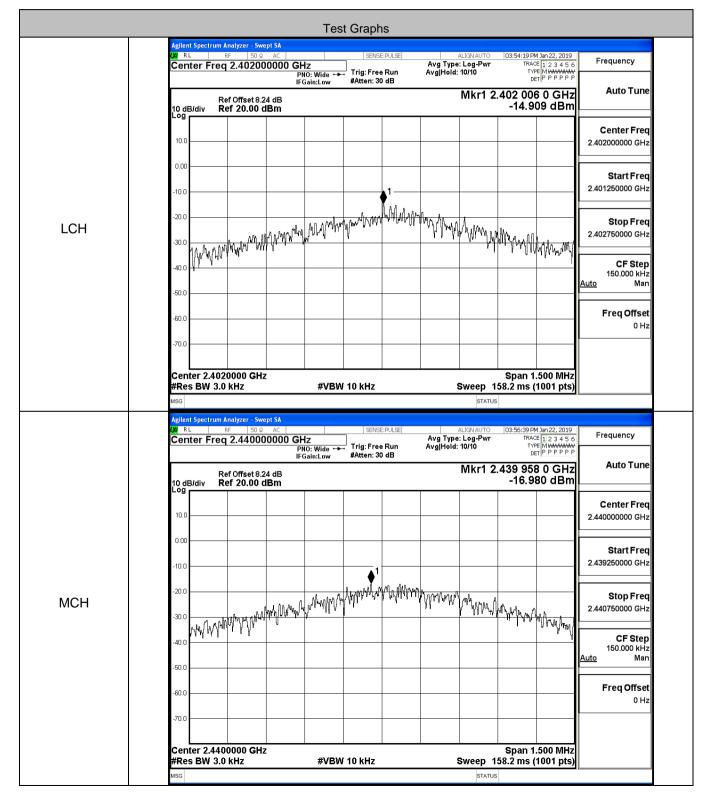


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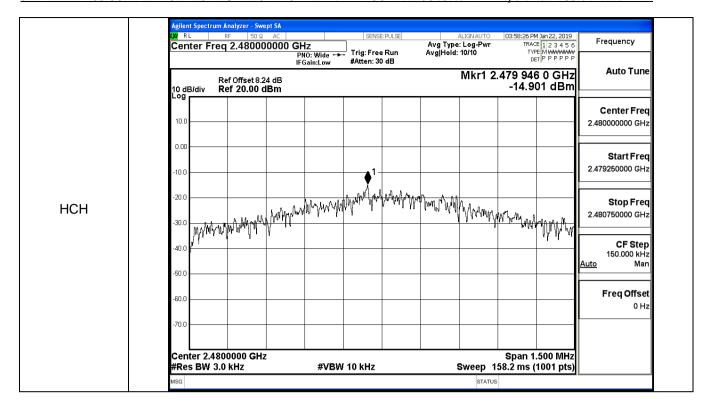


### **B.3 Maximum Power Spectral Density**

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-14.909	8	PASS
BT LE	MCH	-16.980	8	PASS
BT LE	НСН	-14.901	8	PASS

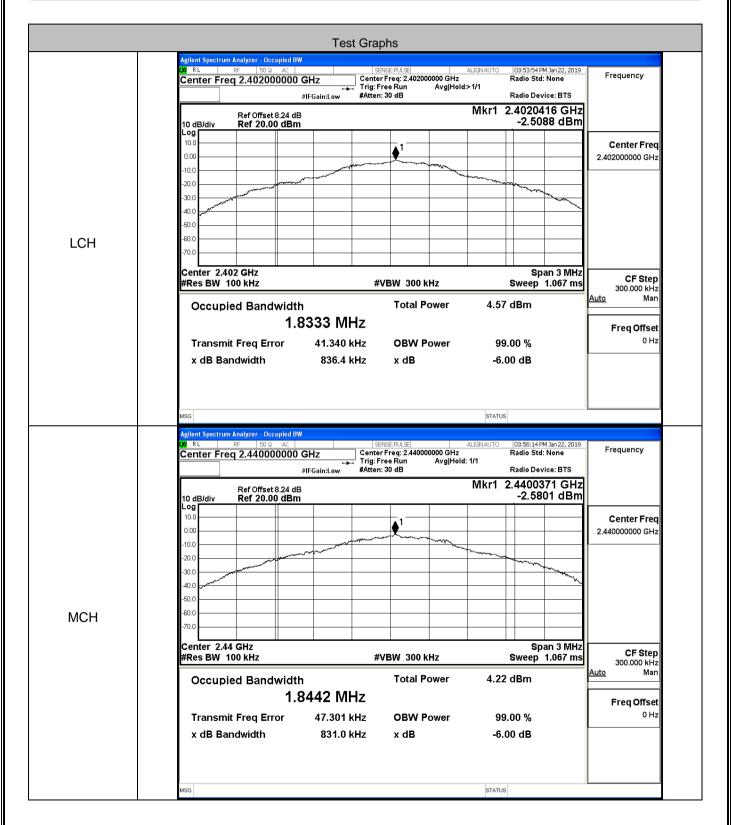


#### SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AJO8S609-BT Report No.: LCS190102131AEB

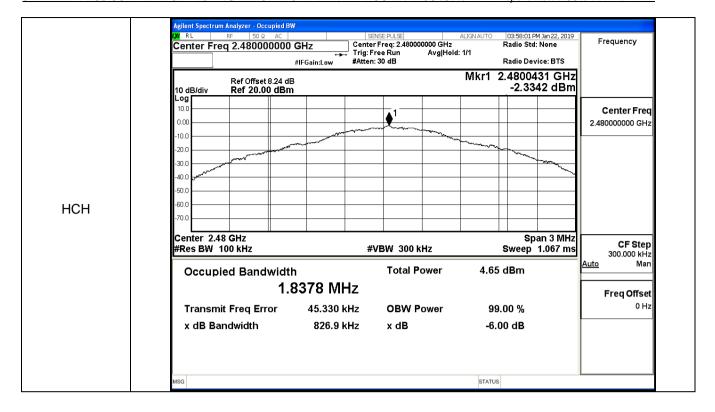


#### **B.4 6dB Bandwidth**

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.8364	≥0.5	PASS
BT LE	MCH	0.8310	≥0.5	PASS
BT LE	HCH	0.8269	≥0.5	PASS

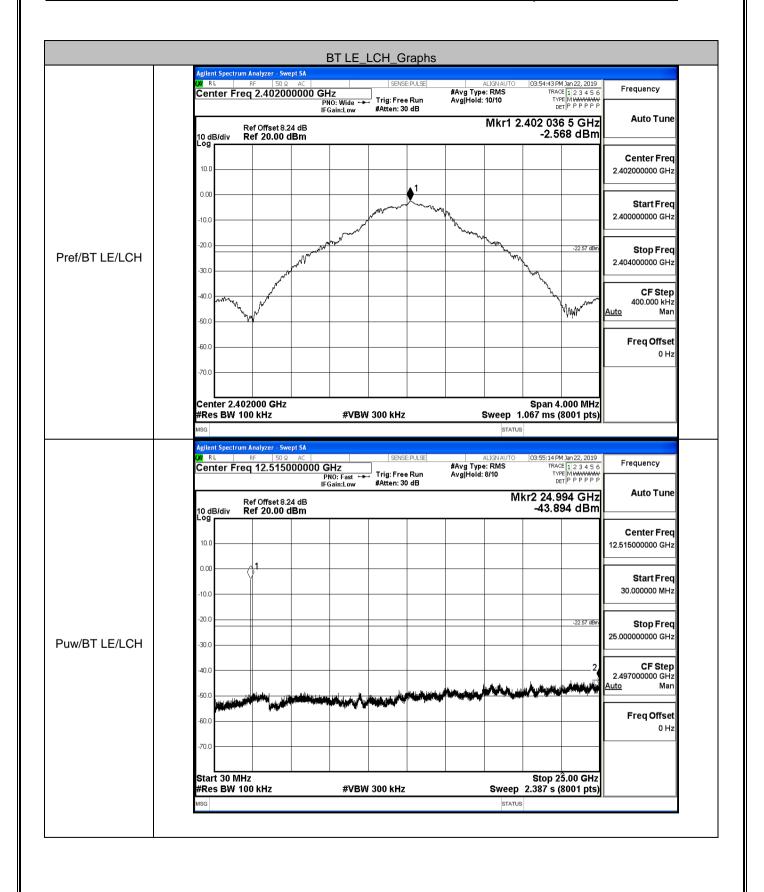


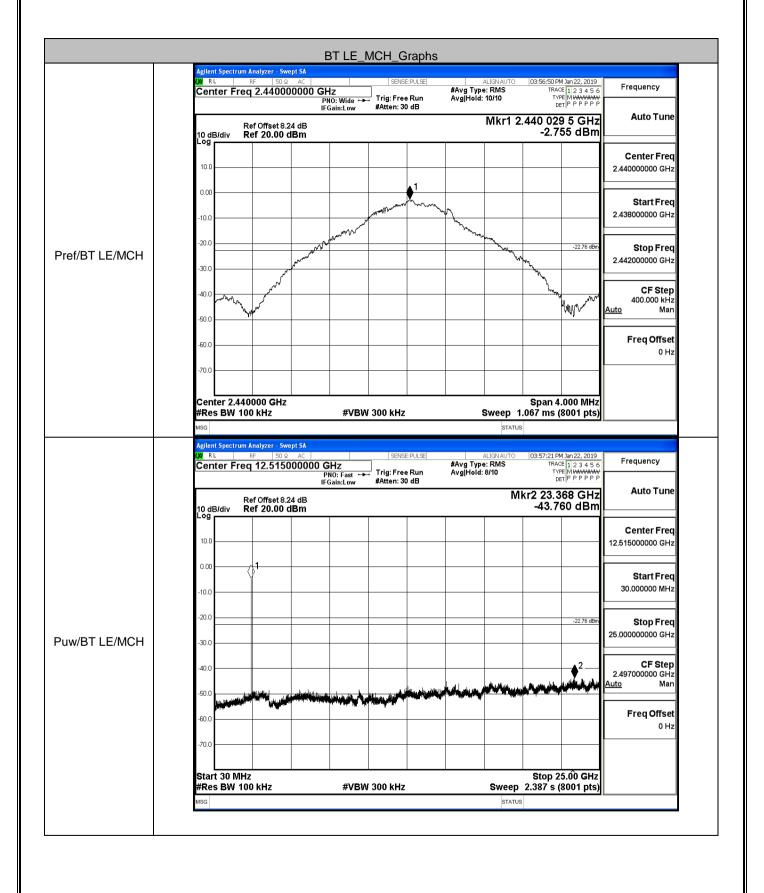
#### SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AJO8S609-BT Report No.: LCS190102131AEB

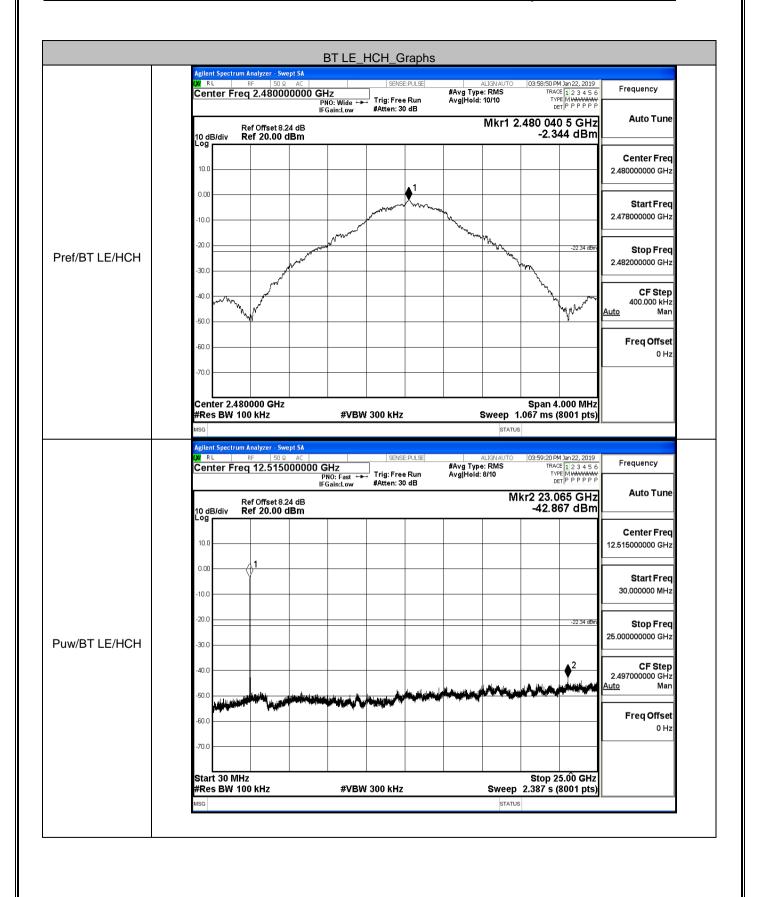


# **B.5 RF Conducted Spurious Emissions**

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.568	-43.894	-22.568	PASS
BT LE	MCH	-2.755	-43.760	-22.755	PASS
BT LE	НСН	-2.344	-42.867	-22.344	PASS

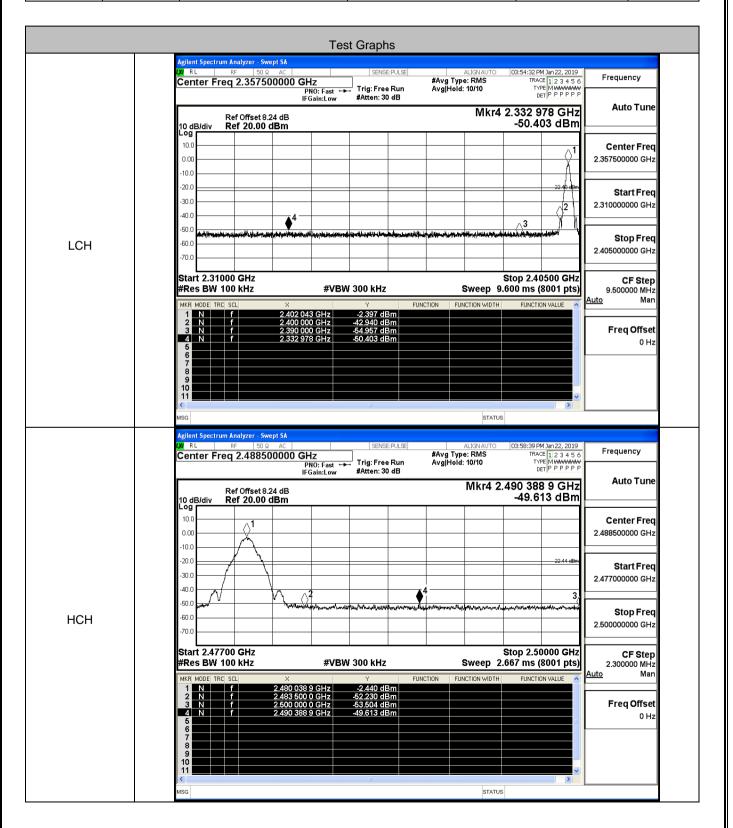






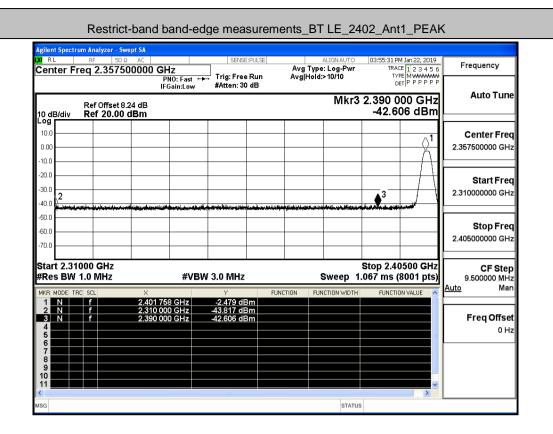
### **B.6 Band-edge for RF Conducted Emissions**

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.397	-50.403	-22.4	PASS
BT LE	HCH	-2.440	-49.613	-22.44	PASS

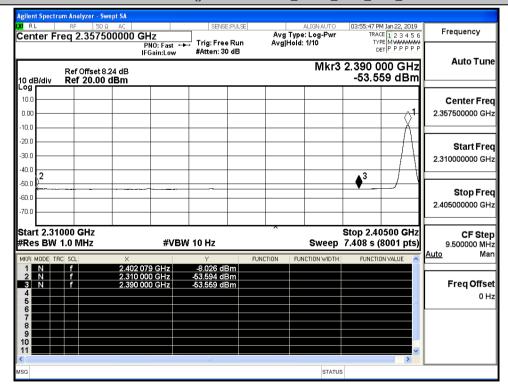


# **B.7 Restrict-band band-edge measurements**

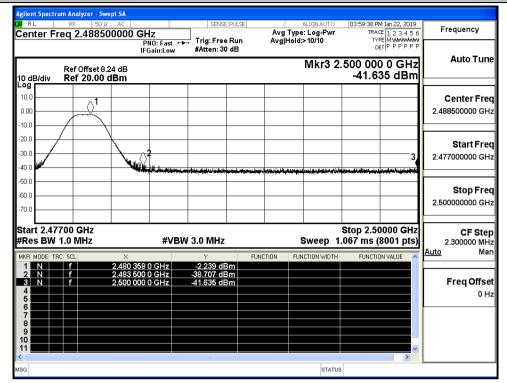
Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
		Ant1	2310.0	-43.82	2.0	0	51.44	PEAK	74	PASS
	2402	Ant1	2310.0	-53.59	2.0	0	41.66	AV	54	PASS
		Ant1	2390.0	-42.61	2.0	0	52.65	PEAK	74	PASS
		Ant1	2390.0	-53.56	2.0	0	41.70	AV	54	PASS
BT LE	2480	Ant1	2483.5	-38.71	2.0	0	56.55	PEAK	74	PASS
		Ant1	2483.5	-52.04	2.0	0	43.21	AV	54	PASS
		Ant1	2500.0	-41.64	2.0	0	53.62	PEAK	74	PASS
		Ant1	2500.0	-52.85	2.0	0	42.41	AV	54	PASS



#### Restrict-band band-edge measurements\_BT LE\_2402\_Ant1\_AV



### Restrict-band band-edge measurements\_BT LE\_2480\_Ant1\_PEAK



#### Restrict-band band-edge measurements\_BT LE\_2480\_Ant1\_AV

