Appendix B

RF Test Data for BT 5.0 (BLE) (Conducted Measurement)

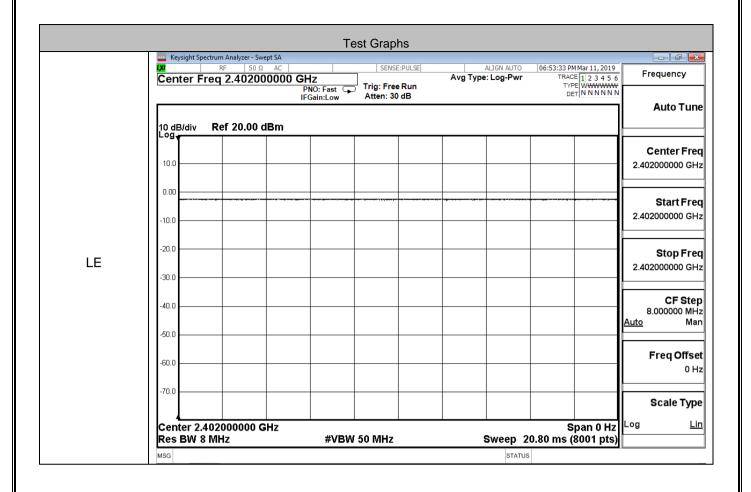
Product Name: Bluetooth Earphone
Trade Mark: N/A
Test Model: T880

Environmental Conditions

_						
Temperature:	23.6 ° C					
Relative Humidity:	60%					
ATM Pressure:	100.0 kPa					
Test Engineer:	AKING JIN					
Supervised by:	JAYDEN ZHUO					

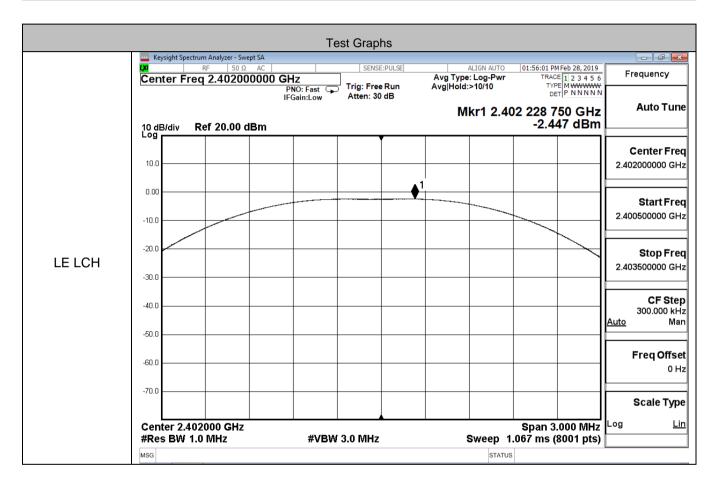
B.1 Duty Cycle

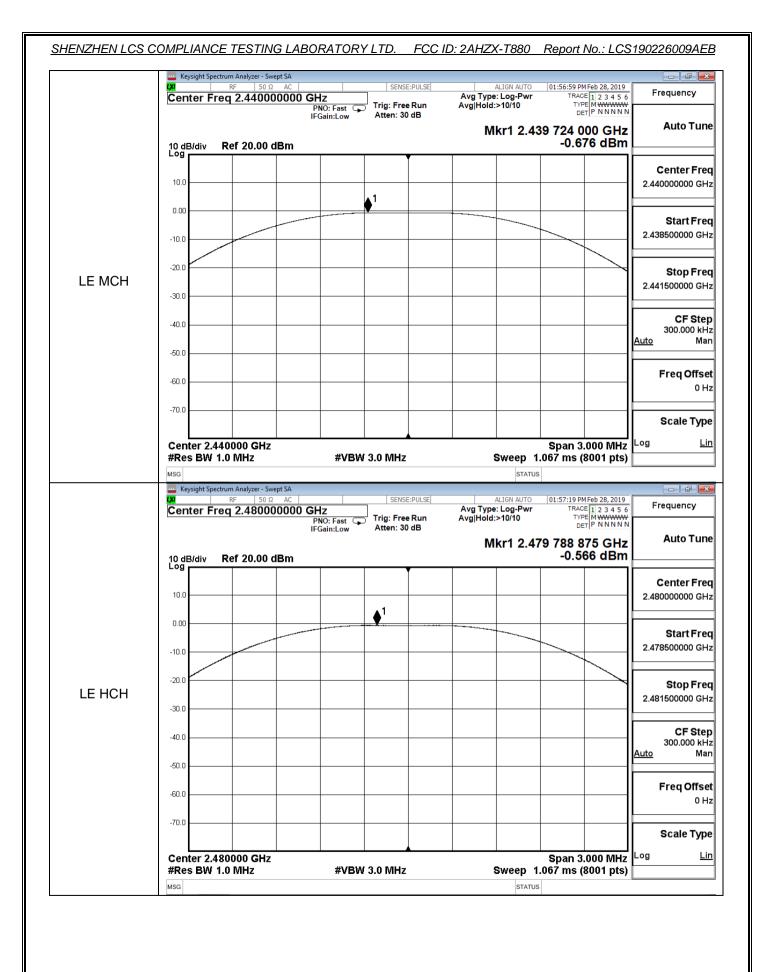
Test Mode	Test Mode Test Channel		Duty Cycle[%]	Verdict	
LE	2440	Ant1	100	PASS	



B.2 Maximum Conducted Peak Output Power

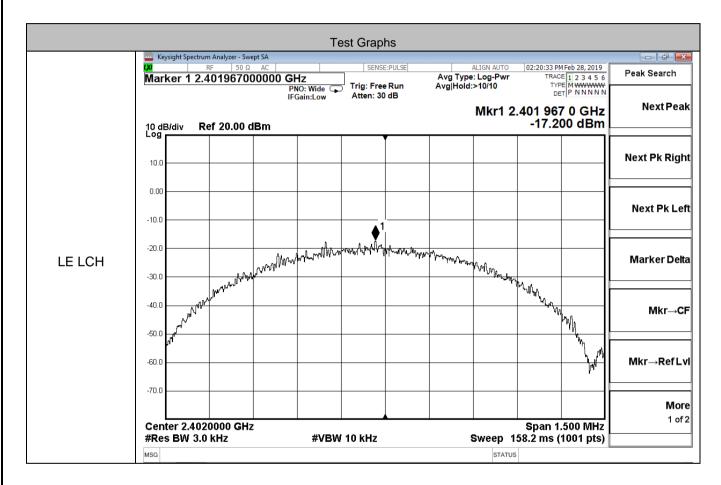
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
LE	LCH	-2.447	30	PASS
LE	MCH	-0.676	30	PASS
LE	HCH	-0.566	30	PASS

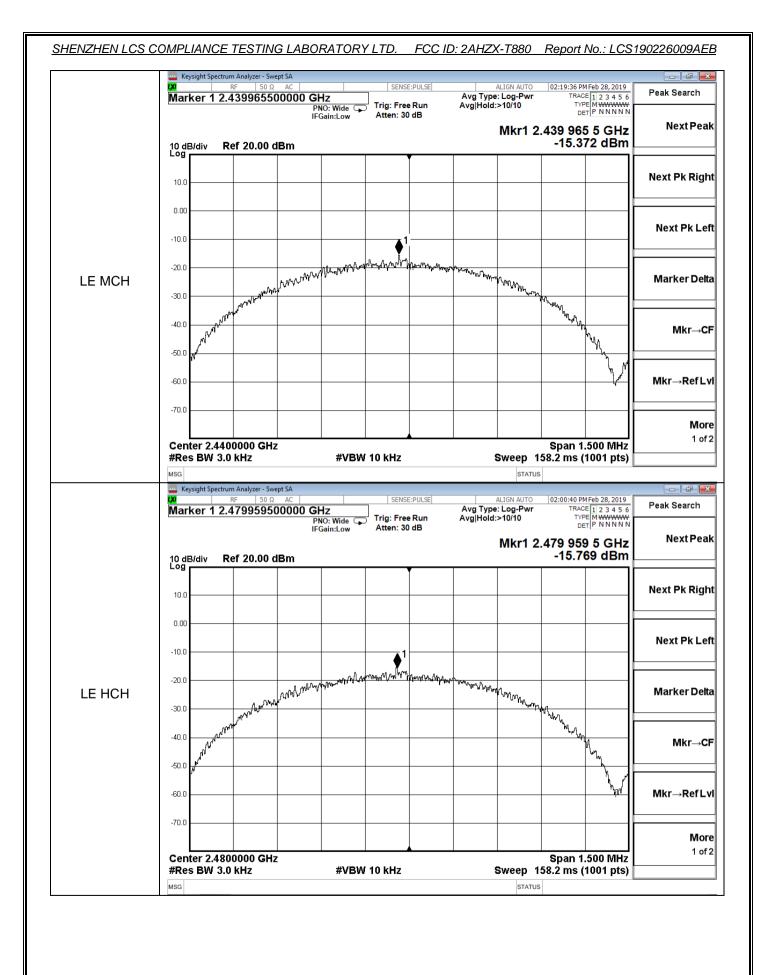




B.3 Maximum Power Spectral Density

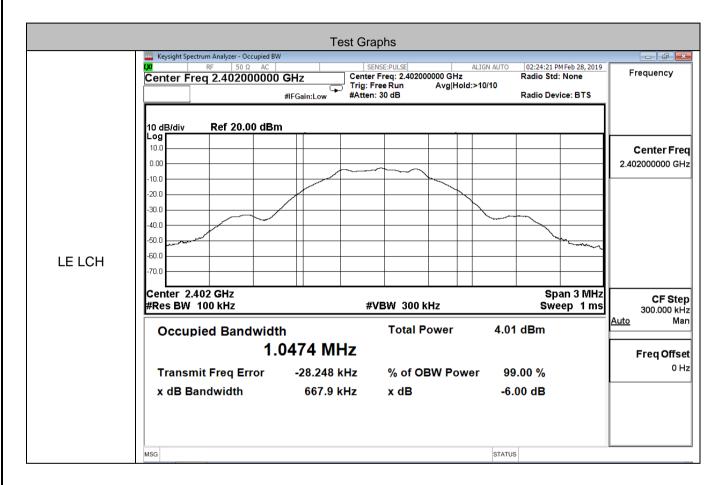
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
LE	LCH	-17.200	8	PASS
LE	MCH	-15.372	8	PASS
LE	НСН	-15.769	8	PASS

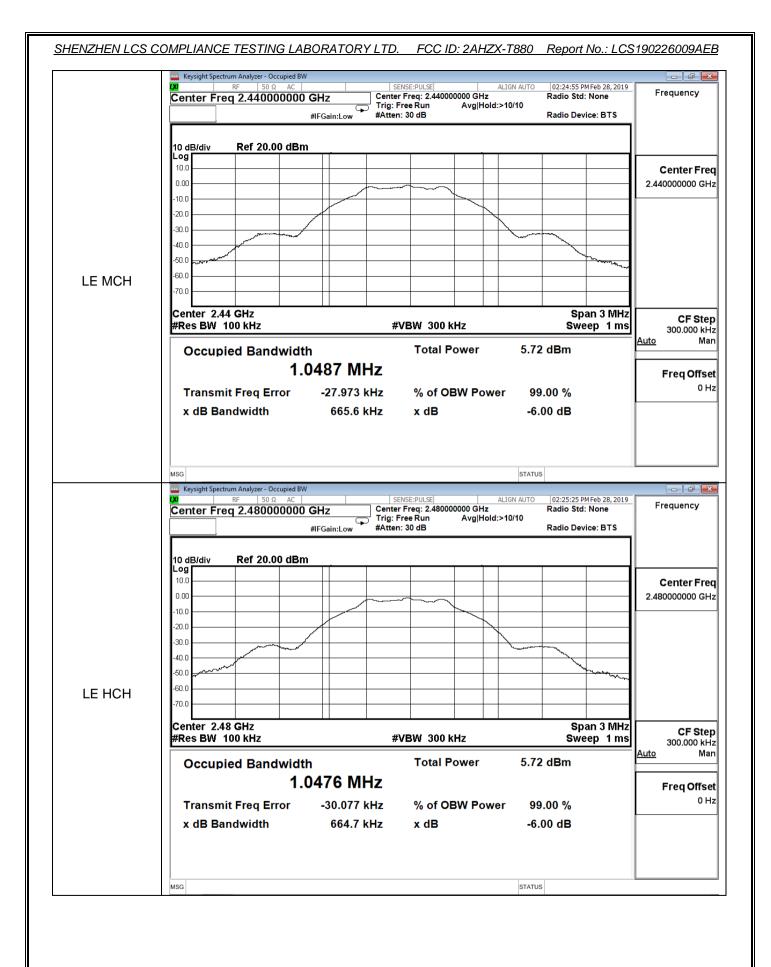




B.4 6dB Bandwidth

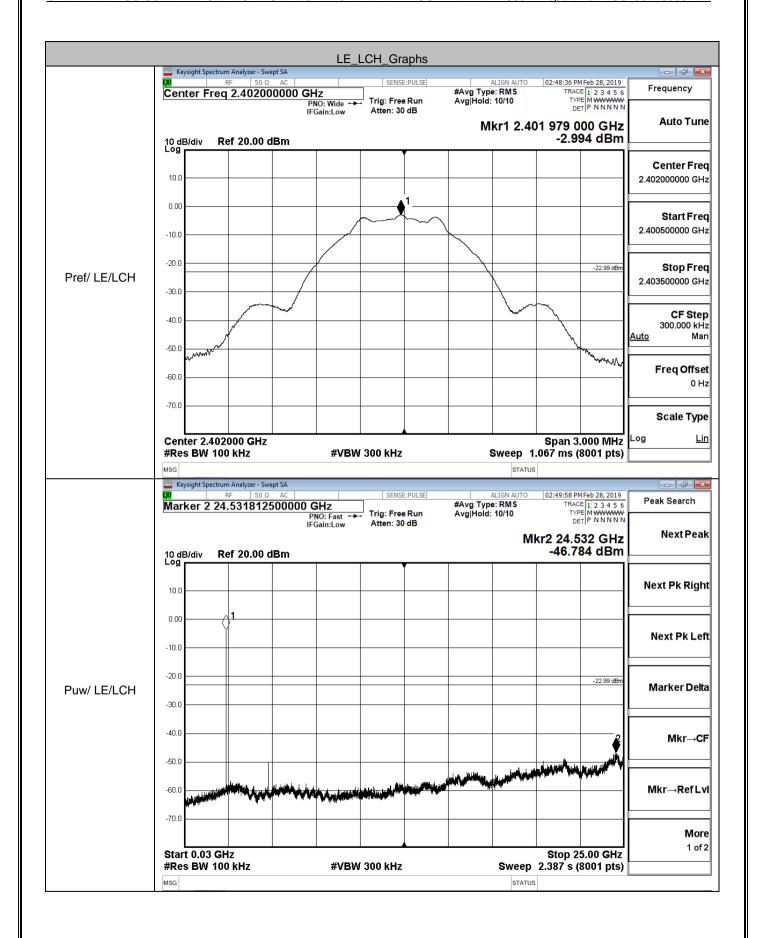
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
LE	LCH	0.6679	≥0.5	PASS
LE	MCH	0.6656	≥0.5	PASS
LE	HCH	0.6647	≥0.5	PASS

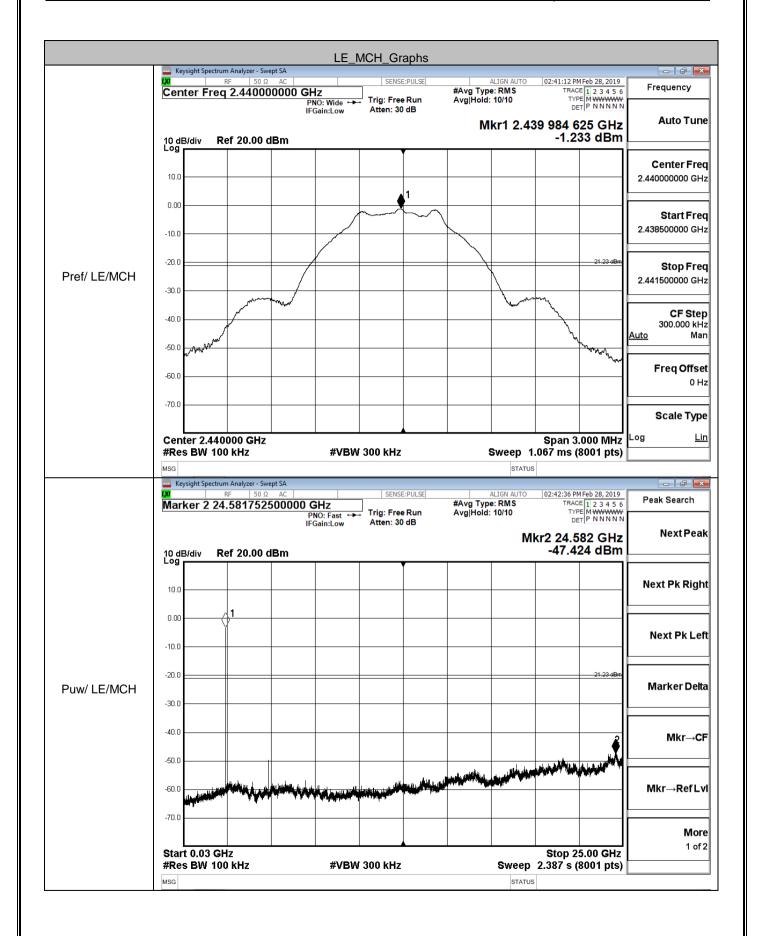


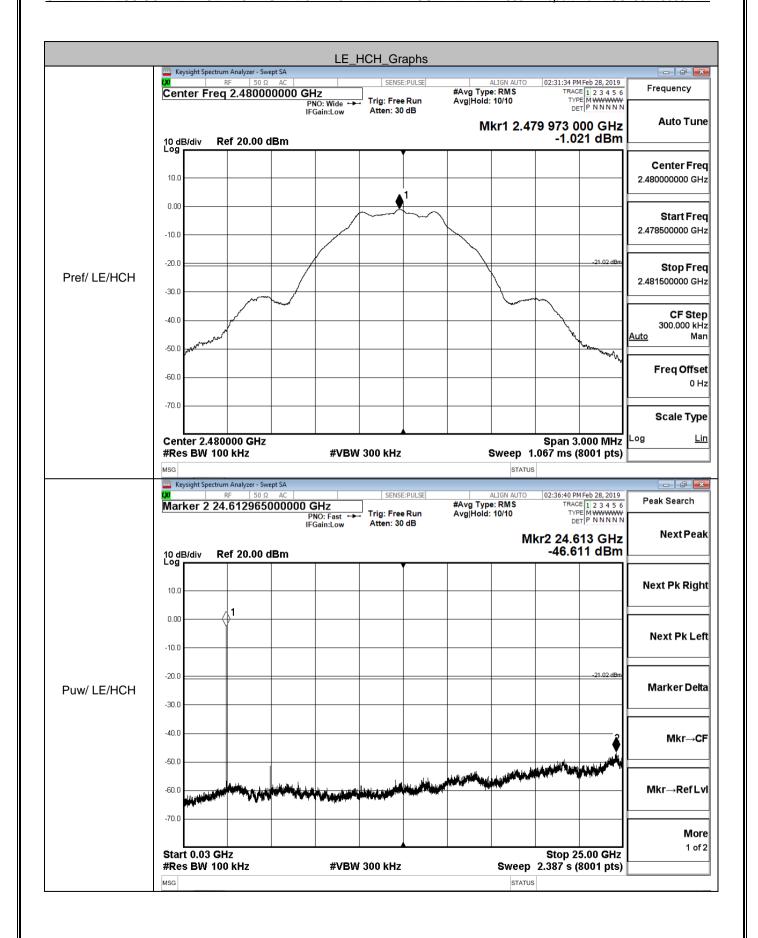


B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
LE	LCH	-2.994	-46.784	-22.994	PASS
LE	MCH	-1.233	-47.424	-21.233	PASS
LE	НСН	-1.021	-46.611	-21.021	PASS

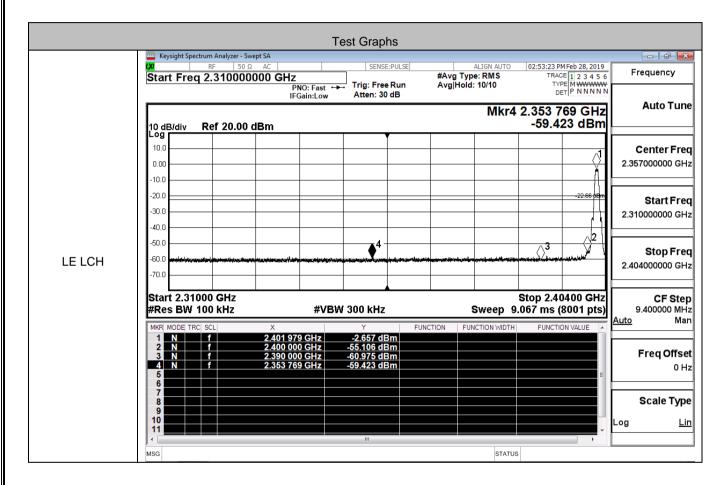






B.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
LE	LCH	-2.657	-55.106	-22.657	PASS
LE	HCH	-0.913	-58.078	-20.913	PASS



SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AHZX-T880 Report No.: LCS190226009AEB Keysight Spectrum Analyzer - Swept SA SENSE:PULSE Start Freq 2.478000000 GHz TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P NNNNN PNO: Fast ↔ IFGain:Low Trig: Free Run Atten: 30 dB Auto Tune Mkr4 2.490 116 50 GHz -58.078 dBm 10 dB/div Log Ref 20.00 dBm 10.0 Center Freq 0.00 2.489000000 GHz -10.0 -20.91 dBm -20.0 Start Freq -30.0 2.478000000 GHz -40.0 -50.0 Stop Freq -en n LE HCH 2.500000000 GHz -70.0 CF Step Start 2.47800 GHz Stop 2.50000 GHz Sweep 2.133 ms (8001 pts) #Res BW 100 kHz **#VBW** 300 kHz 2.200000 MHz <u>Auto</u> FUNCTION -0.913 dBm -61.147 dBm -60.196 dBm -58.078 dBm Freq Offset 0 Hz 7 8 9 10 11 Scale Type Log <u>Lin</u> MSG STATUS

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]	Verdict
		Ant1	2310.0	-51.212	2.000	0	46.02	PEAK	74	PASS
	2402	Ant1	2310.0	-59.971	2.000	0	37.26	AV	54	PASS
		Ant1	2390.0	-51.689	2.000	0	45.54	PEAK	74	PASS
		Ant1	2390.0	-59.449	2.000	0	37.78	AV	54	PASS
LE		Ant1	2483.5	-49.324	2.000	0	47.91	PEAK	74	PASS
	2480	Ant1	2483.5	-56.514	2.000	0	40.72	AV	54	PASS
		Ant1	2500.0	-49.847	2.000	0	47.38	PEAK	74	PASS
		Ant1	2500.0	-59.103	2.000	0	38.13	AV	54	PASS

