Appendix B

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

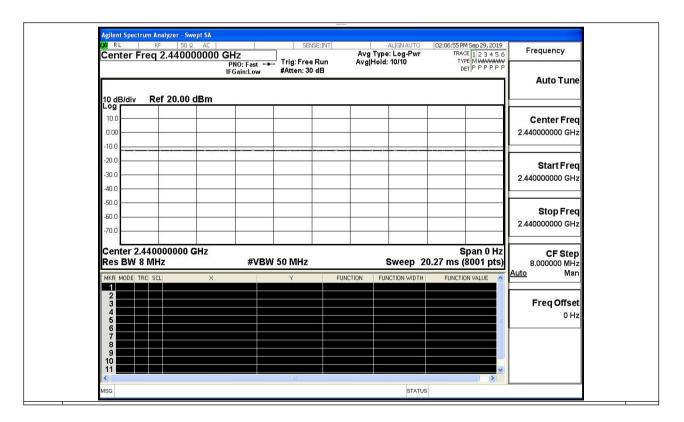
Product Name:Bluetooth thermometer
Trade Mark: /
Test Model: TP-25

Environmental Conditions

Temperature:	22.6 ° C				
Relative Humidity:	53.6%				
ATM Pressure:	100.0 kPa				
Test Engineer:	SCOUT WU				
Supervised by:	Wang.Chuang				

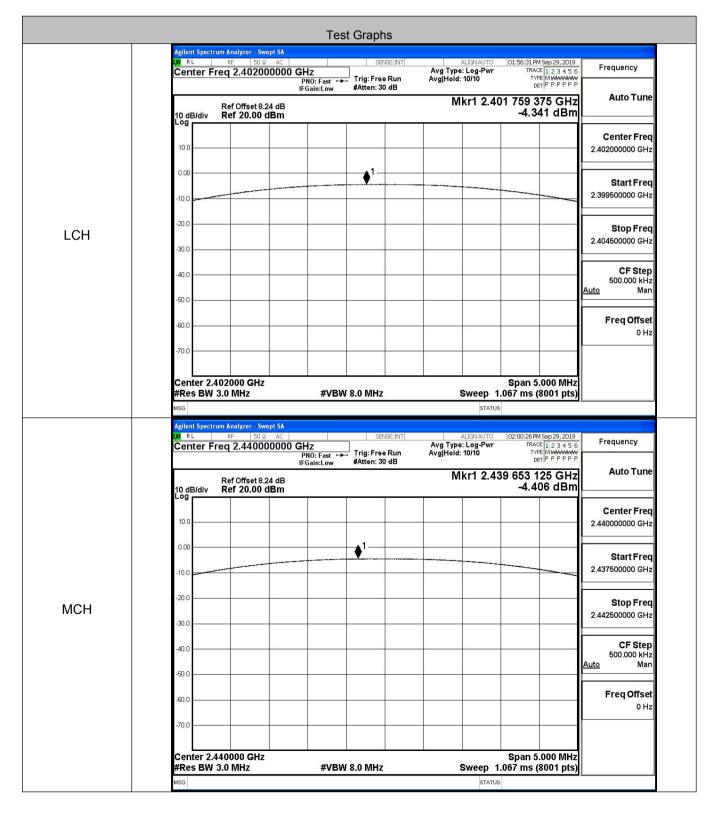
B.1 Duty Cycle

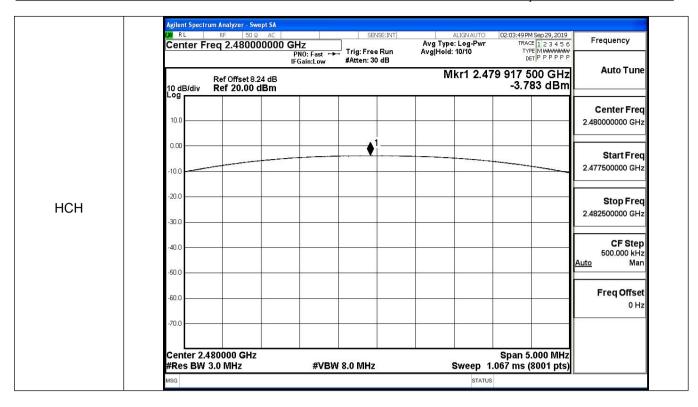
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
BT LE	2440	Ant1	100	PASS



B.2 Maximum Conducted Peak Output Power

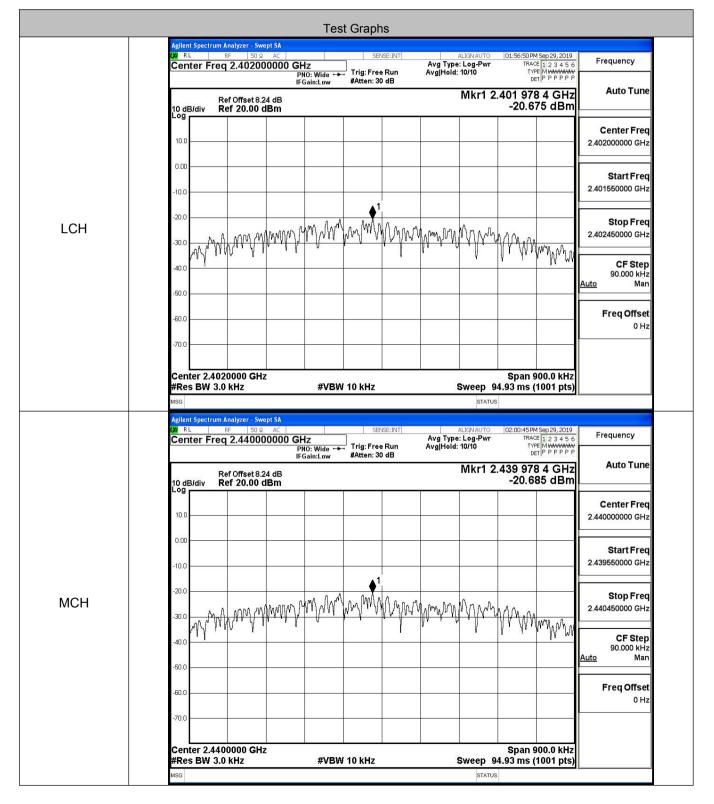
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-4.341	30	PASS
BT LE	MCH	-4.406	30	PASS
BT LE	НСН	-3.783	30	PASS



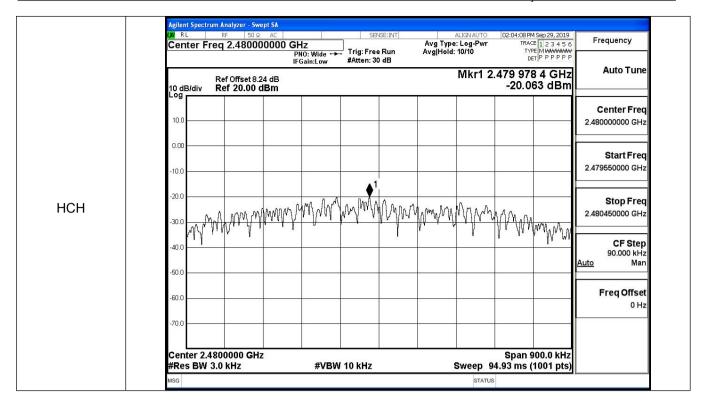


B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-20.675	8	PASS
BT LE	MCH	-20.685	8	PASS
BT LE	НСН	-20.063	8	PASS

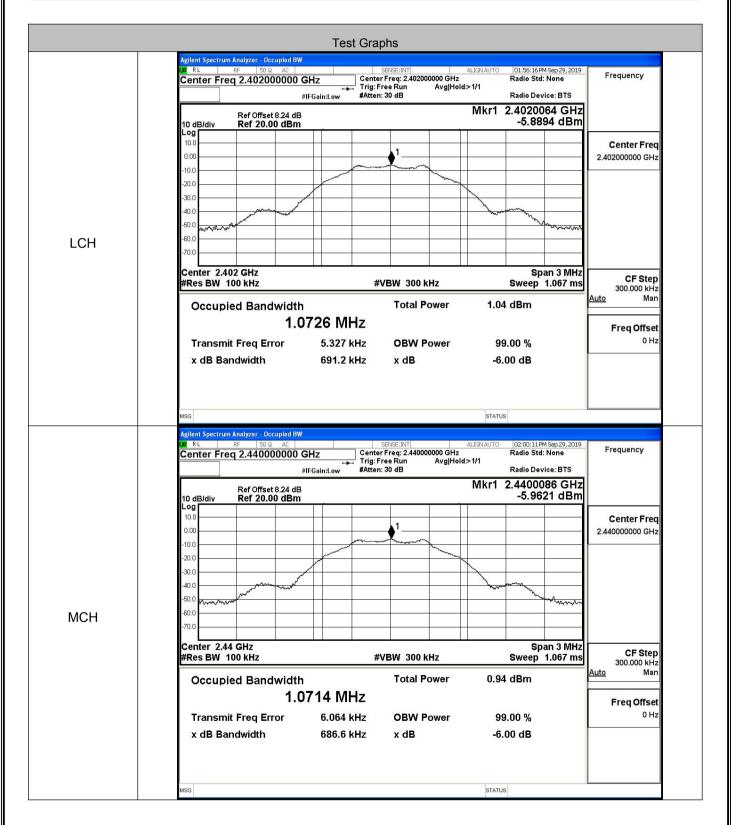


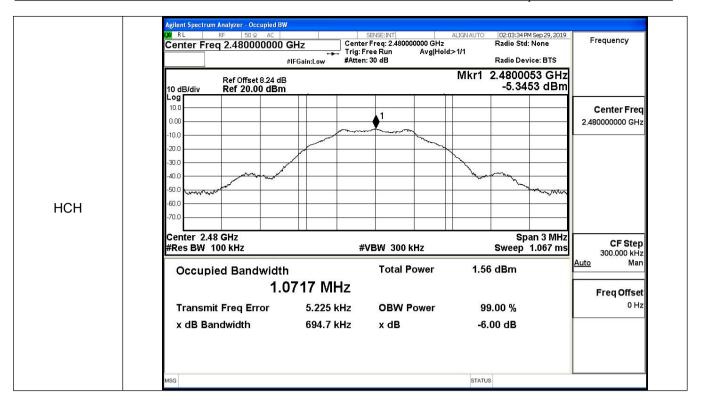
Page 4 of 15



B.4 6dB Bandwidth

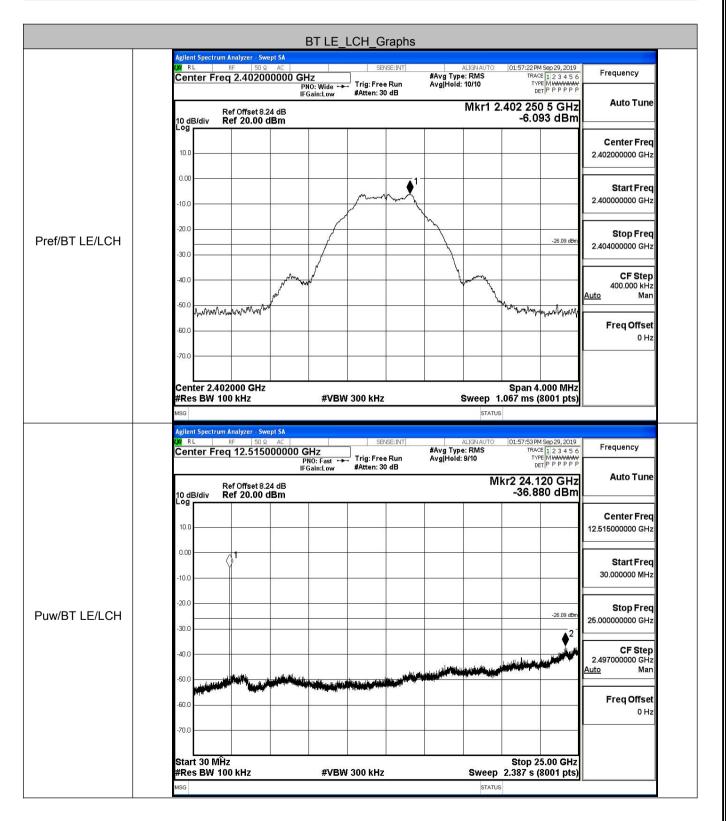
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6912	≥0.5	PASS
BT LE	MCH	0.6866	≥0.5	PASS
BT LE	HCH	0.6947	≥0.5	PASS



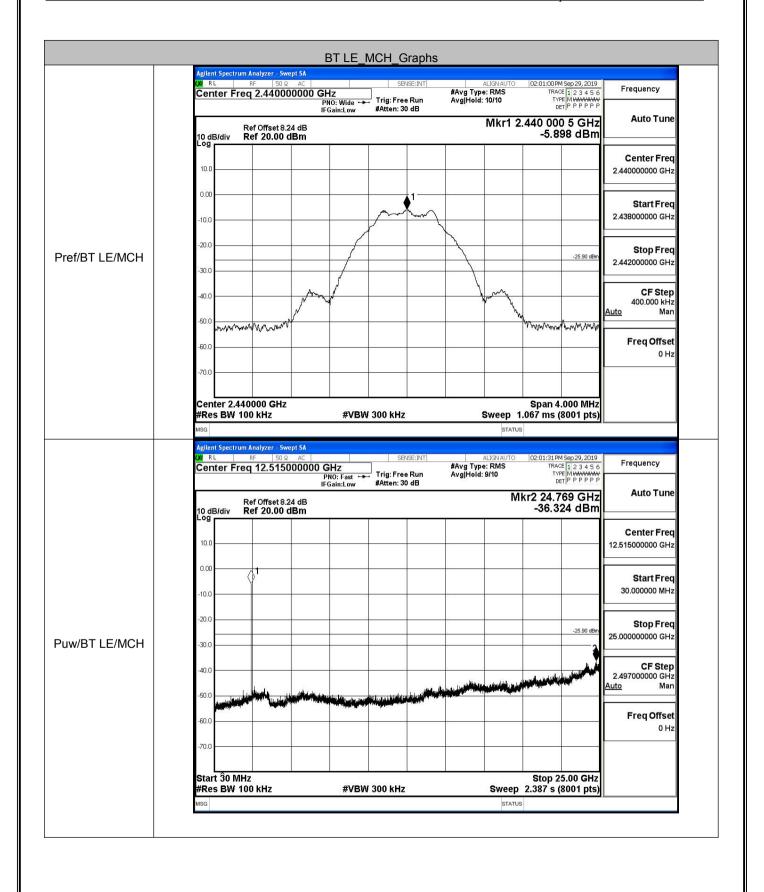


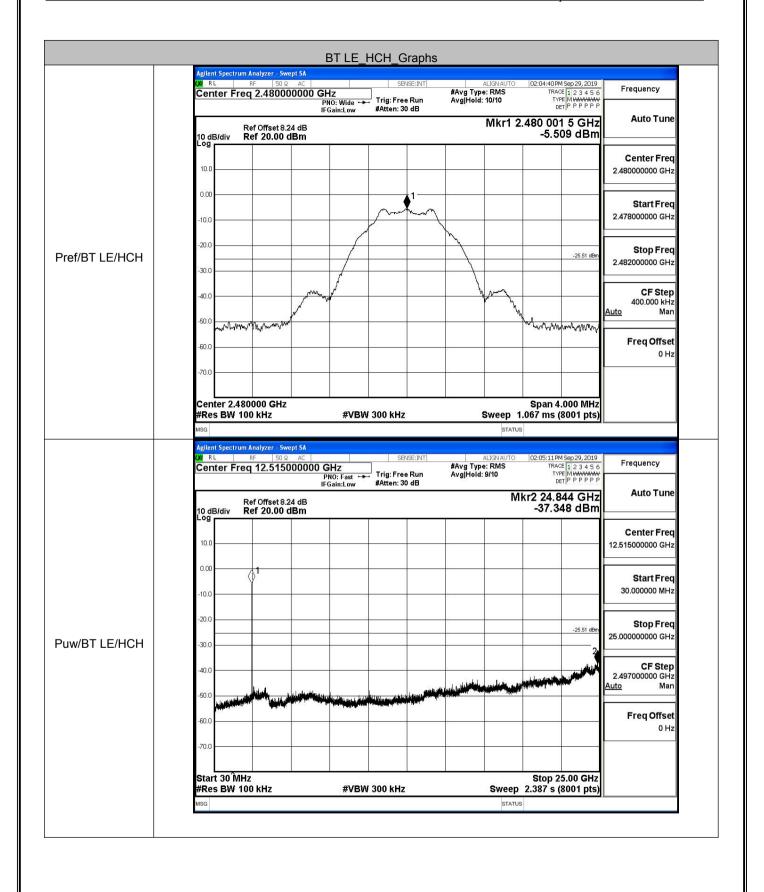
B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-6.093	-36.880	-26.093	PASS
BT LE	MCH	-5.898	-36.324	-25.898	PASS
BT LE	НСН	-5.509	-37.348	-25.509	PASS



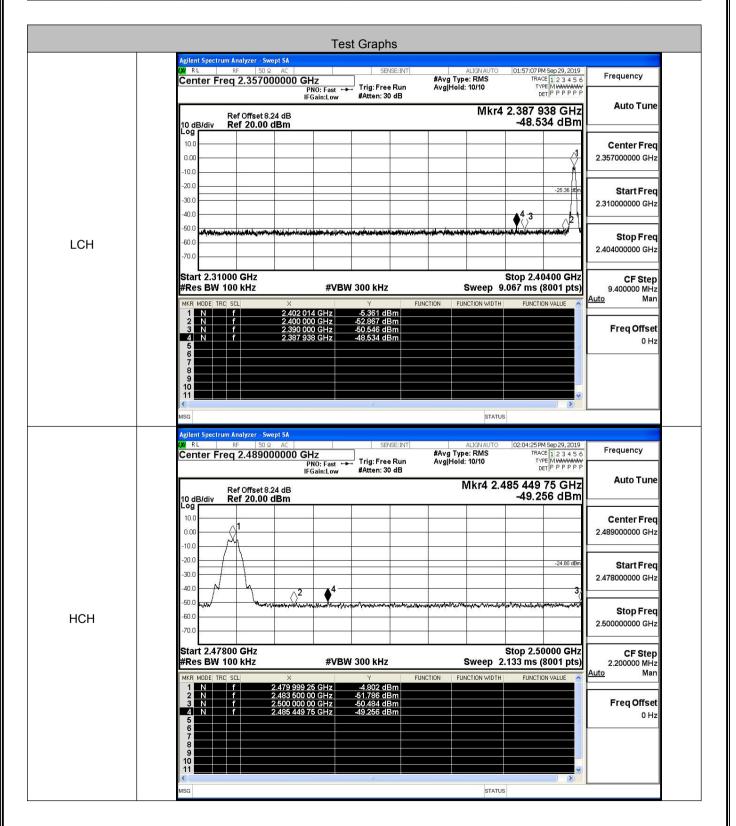
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD.	FCC ID: 2AATP-TP-25	Report No.: LCS190919042AEA
Page 9	0 of 15	





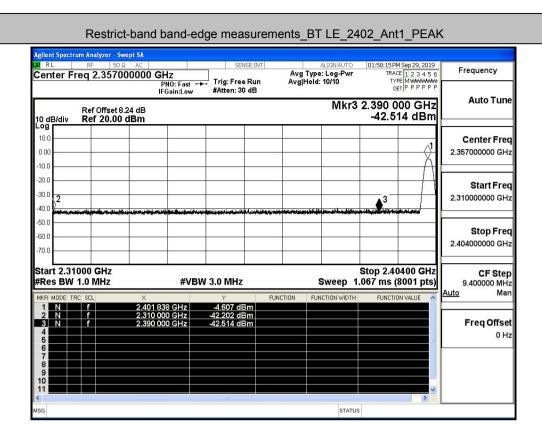
B.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-5.361	-48.534	-25.36	PASS
BT LE	HCH	-4.802	-49.256	-24.8	PASS

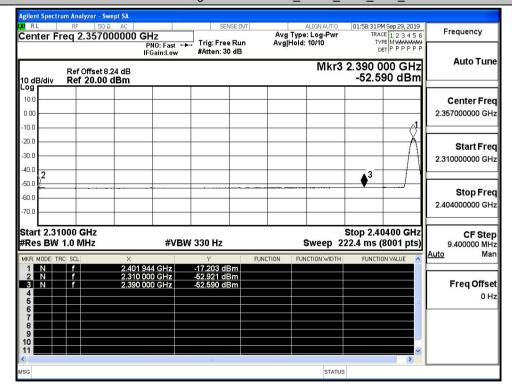


B.7 Restrict-band band-edge measurements

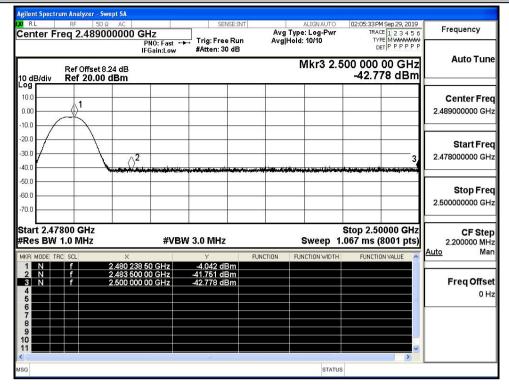
Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
		Ant1	2310.0	-42.20	2.0	0	53.06	PEAK	74	PASS
		Ant1	2310.0	-52.92	2.0	0	42.34	AV	54	PASS
	2402	Ant1	2390.0	-42.51	2.0	0	52.74	PEAK	74	PASS
		Ant1	2390.0	-52.59	2.0	0	42.67	AV	54	PASS
BT LE	LE	Ant1	2483.5	-41.75	2.0	0	53.51	PEAK	74	PASS
		Ant1	2483.5	-52.29	2.0	0	42.97	AV	54	PASS
	2480	Ant1	2500.0	-42.78	2.0	0	52.48	PEAK	74	PASS
		Ant1	2500.0	-52.02	2.0	0	43.23	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

