Appendix B

RF Test Data for BT V5.0 (BT LE & 2LE) (Conducted Measurement)

Product Name: TWS Bluetooth Headset

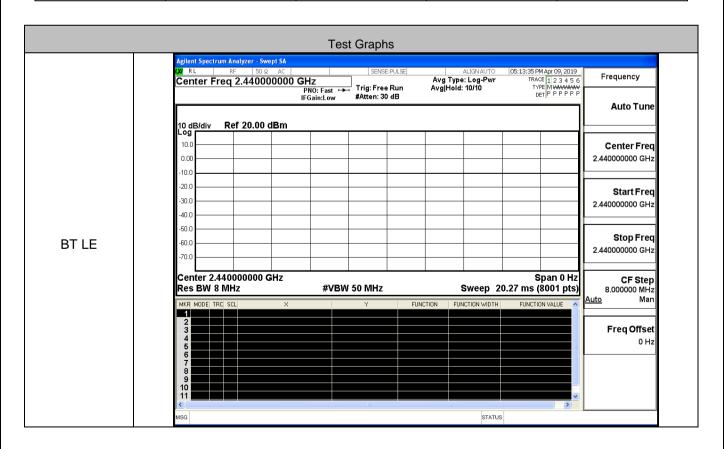
Trade Mark: Urbanista
Test Model: Urbanista Stockholm

Environmental Conditions

Temperature:	24.5 ° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Mina.Xu
Supervised by:	Wang Chuang

B.1 Duty Cycle

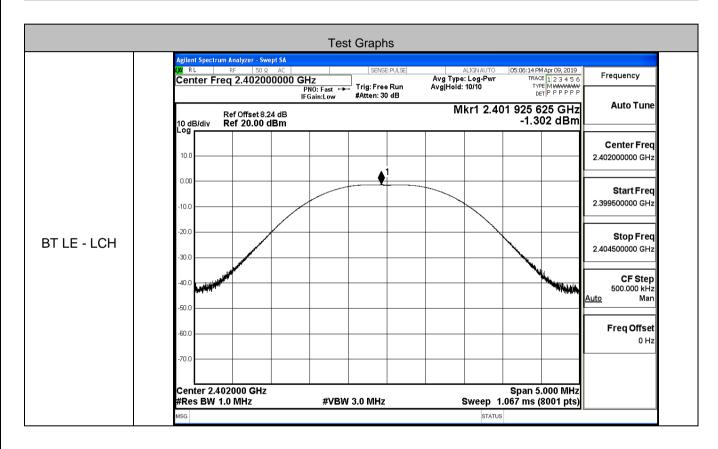
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
BT LE	2440	Ant1	100	PASS
BT 2LE	2440	Ant1	100	PASS

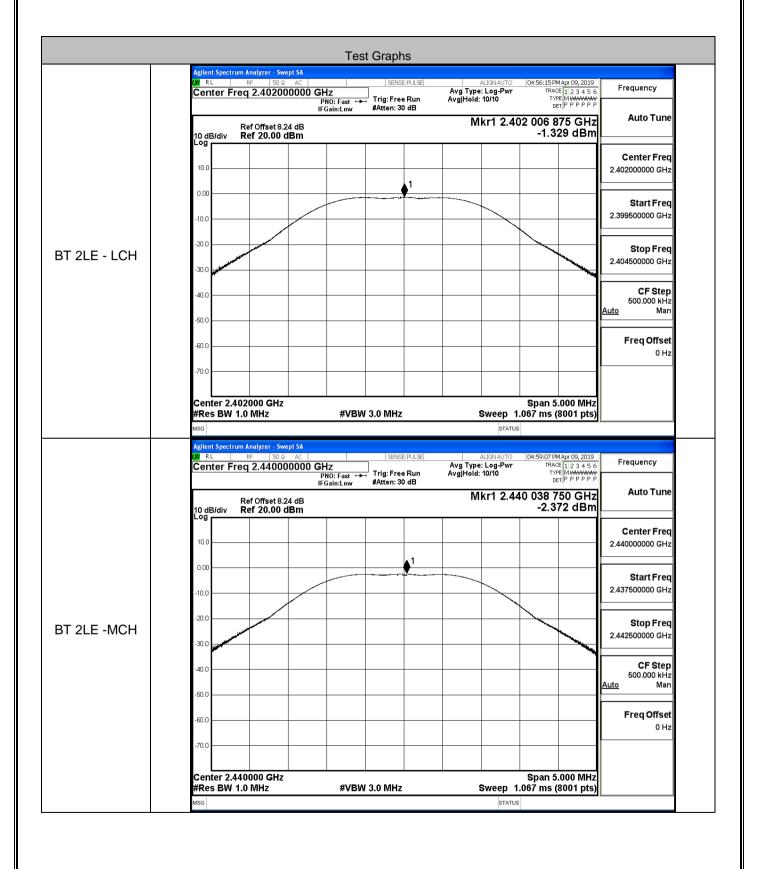


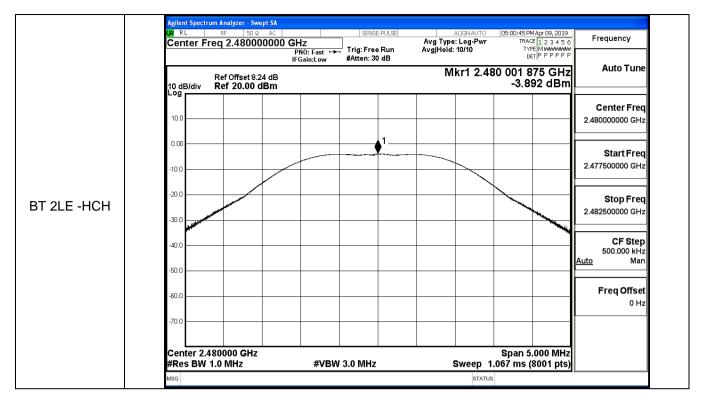
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AEN5BS245GB Report No.:LCS190409009AEB Avg Type: Log-Pwr Avg|Hold: 10/10 Frequency Center Freq 2.440000000 GHz Trig: Free Run #Atten: 30 dB PNO: Fast +++ IFGain:Low Auto Tune 10 dB/div Log Ref 20.00 dBm 10.0 Center Freq 2.440000000 GHz 10.0 -2n n Start Freq 30.0 2.440000000 GHz 40.0 -50.0 Stop Freq BT 2LE -60.0 2.440000000 GHz Center 2.440000000 GHz Res BW 8 MHz **CF Step** 8.000000 MHz Span 0 Hz #VBW 50 MHz Sweep 20.27 ms (8001 pts) Man <u>Auto</u> FUNCTION FUNCTION WIDTH Freq Offset 0 Hz STATUS

B.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-1.302	30	PASS
BT LE	MCH	-2.293	30	PASS
BT LE	HCH	-3.818	30	PASS
BT 2LE	LCH	-1.329	30	PASS
BT 2LE	MCH	-2.372	30	PASS
BT 2LE	НСН	-3.892	30	PASS

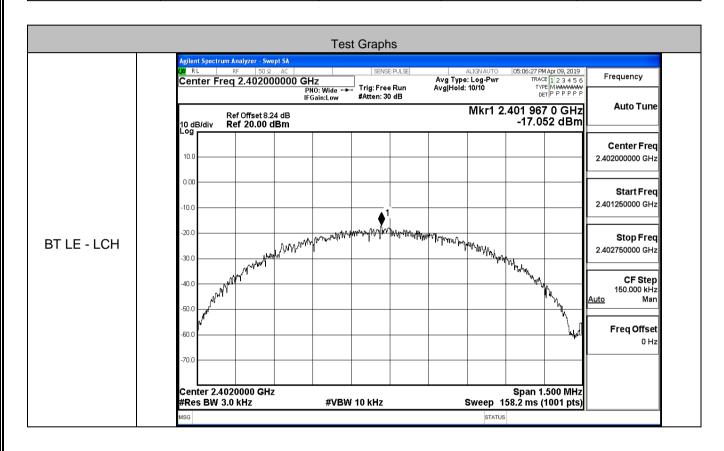


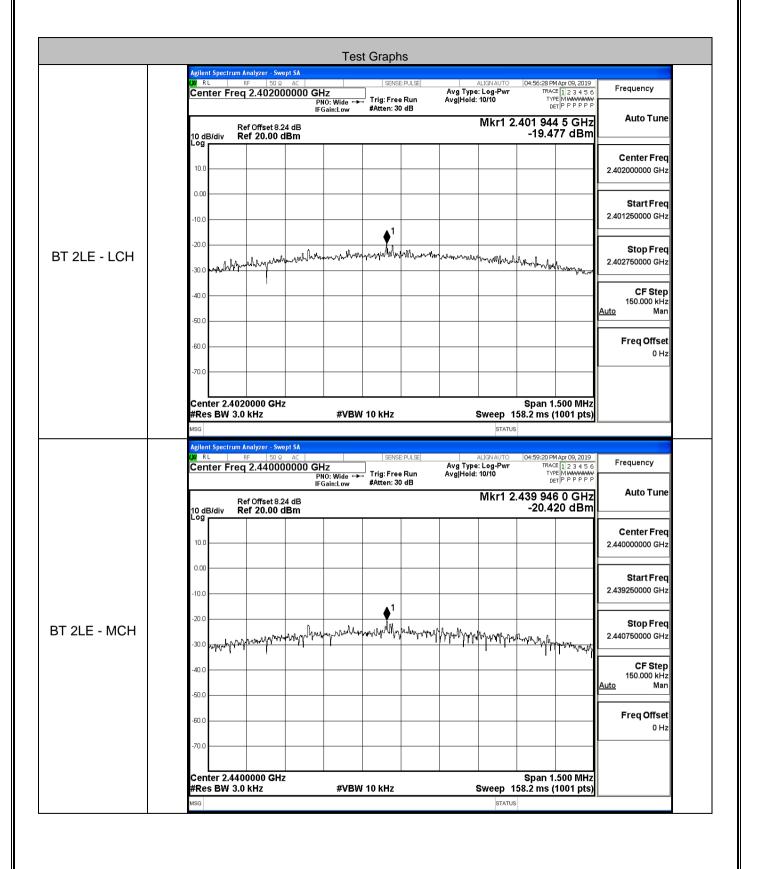




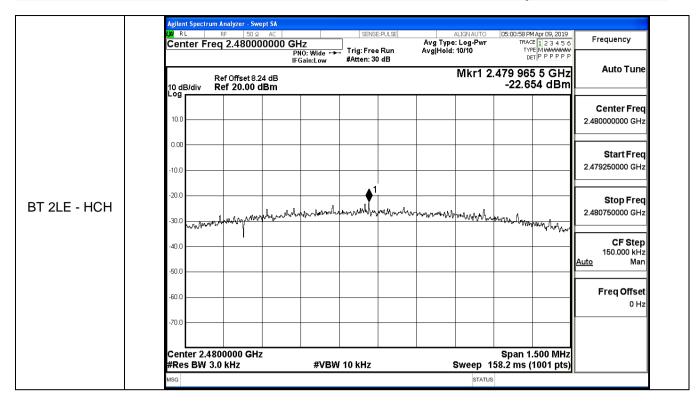
B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-17.052	8	PASS
BT LE	MCH	-18.326	8	PASS
BT LE	НСН	-20.406	8	PASS
BT 2LE	LCH	-19.477	8	PASS
BT 2LE	MCH	-20.420	8	PASS
BT 2LE	HCH	-22.654	8	PASS



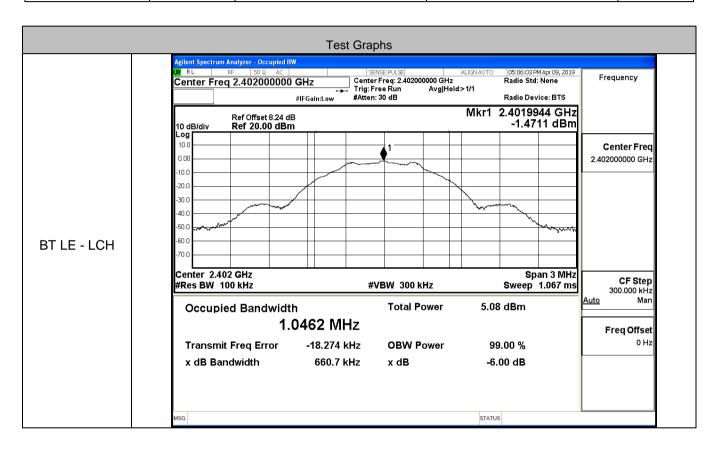


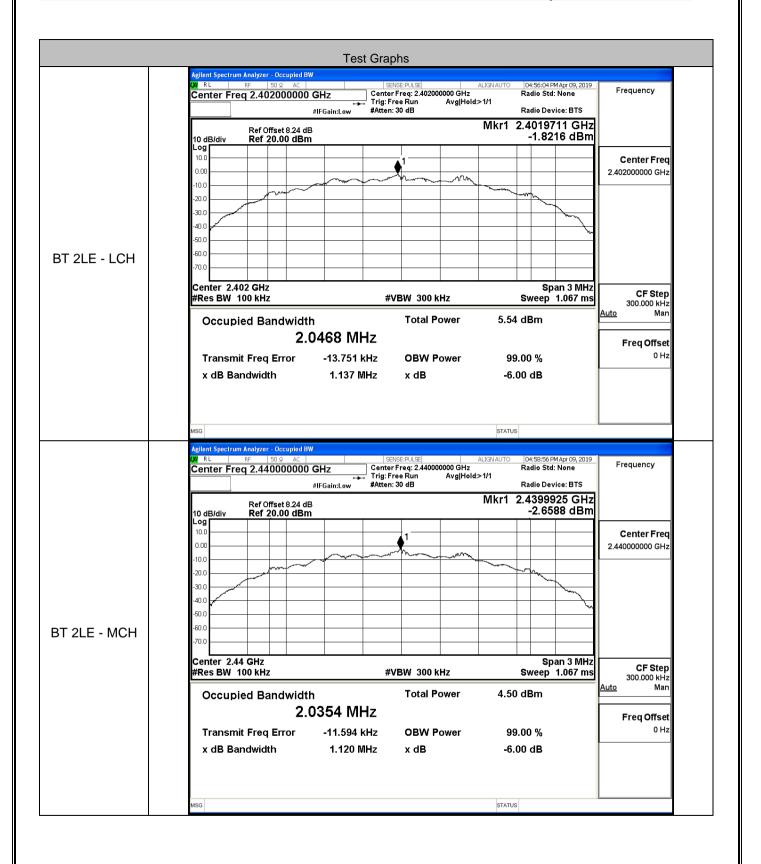
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AEN5BS245GB Report No.:LCS190409009AEB



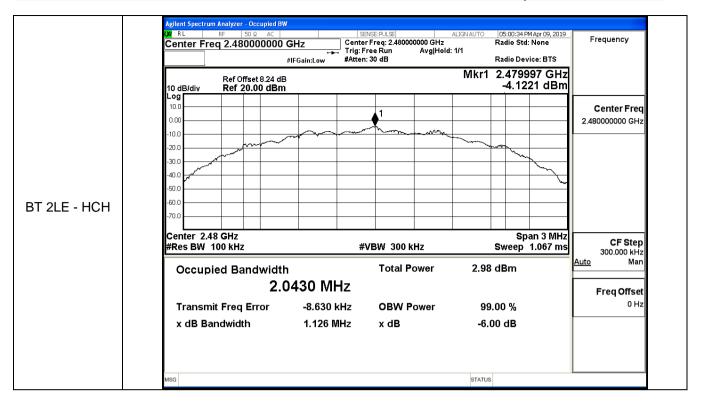
B.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6607	≥0.5	PASS
BT LE	MCH	0.6549	≥0.5	PASS
BT LE	HCH	0.6599	≥0.5	PASS
BT 2LE	LCH	1.137	≥0.5	PASS
BT 2LE	MCH	1.120	≥0.5	PASS
BT 2LE	HCH	1.126	≥0.5	PASS



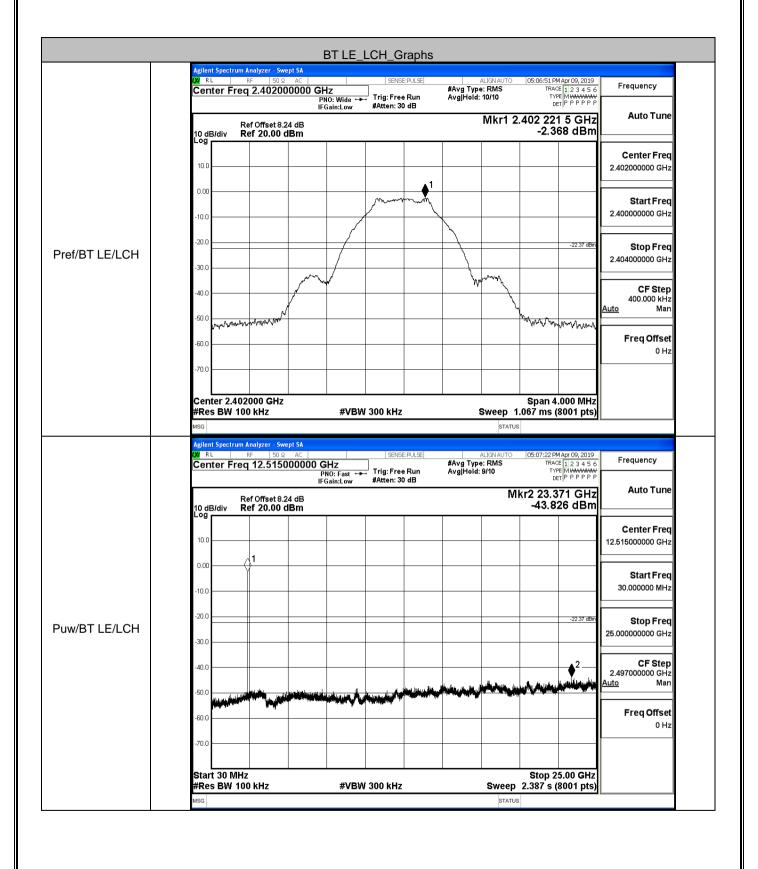


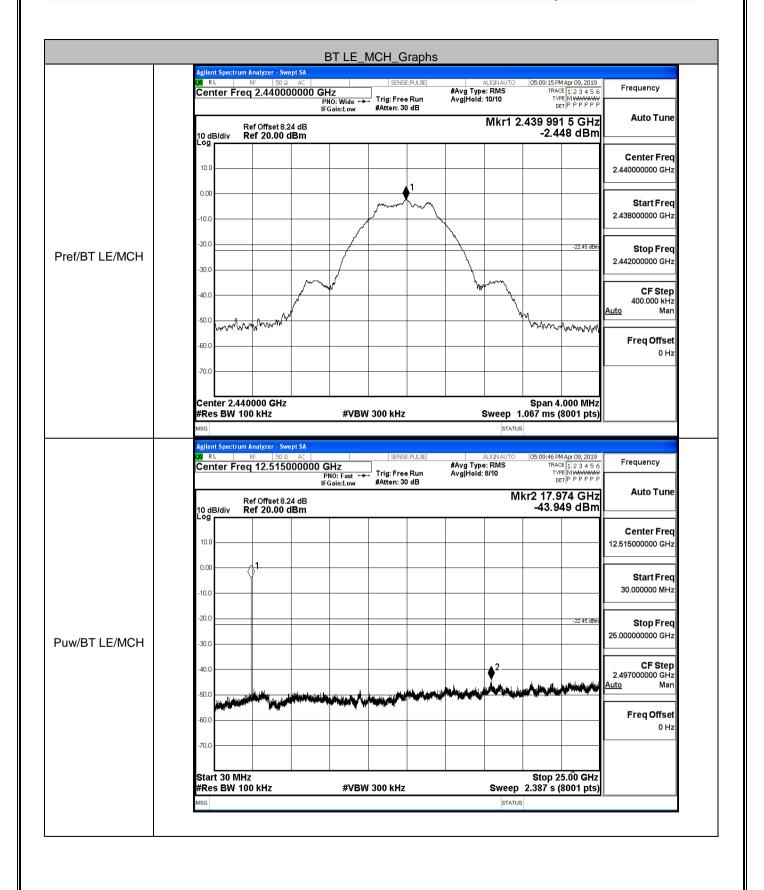
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AEN5BS245GB Report No.:LCS190409009AEB

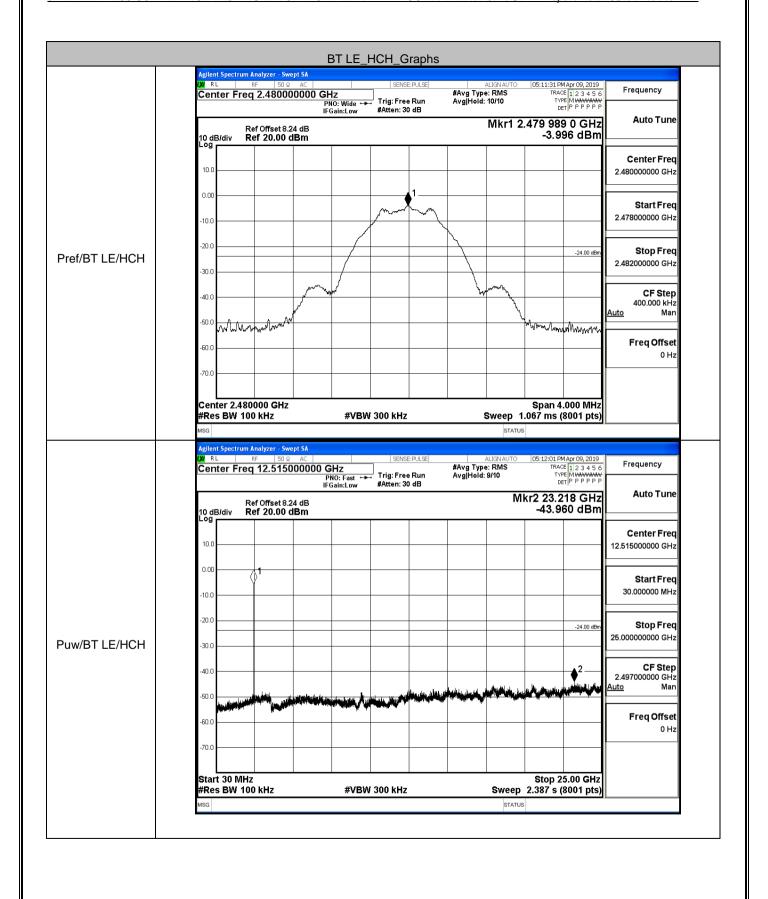


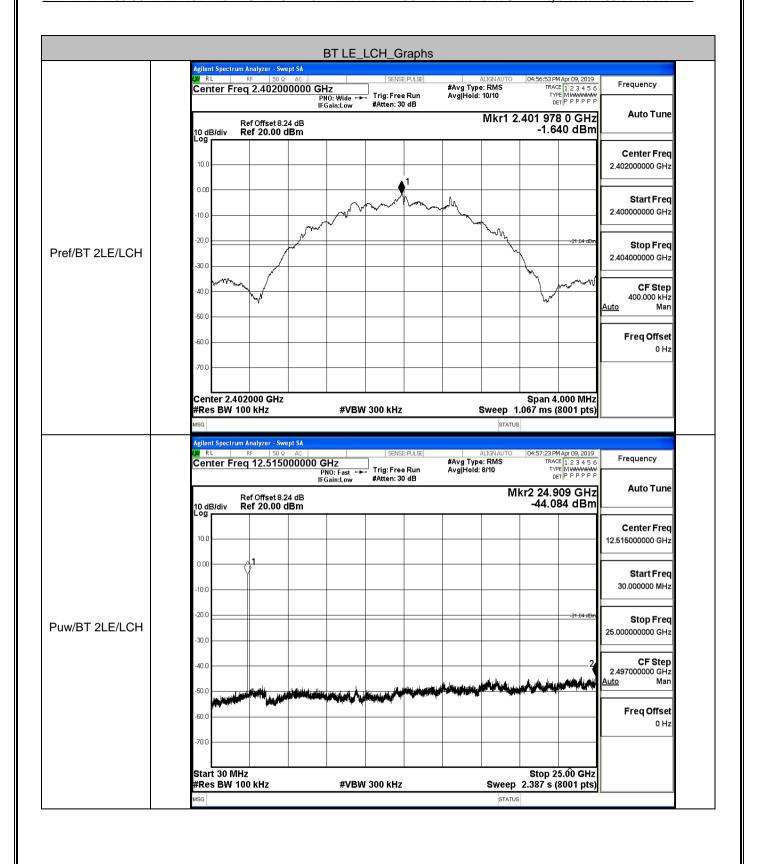
B.5 RF Conducted Spurious Emissions

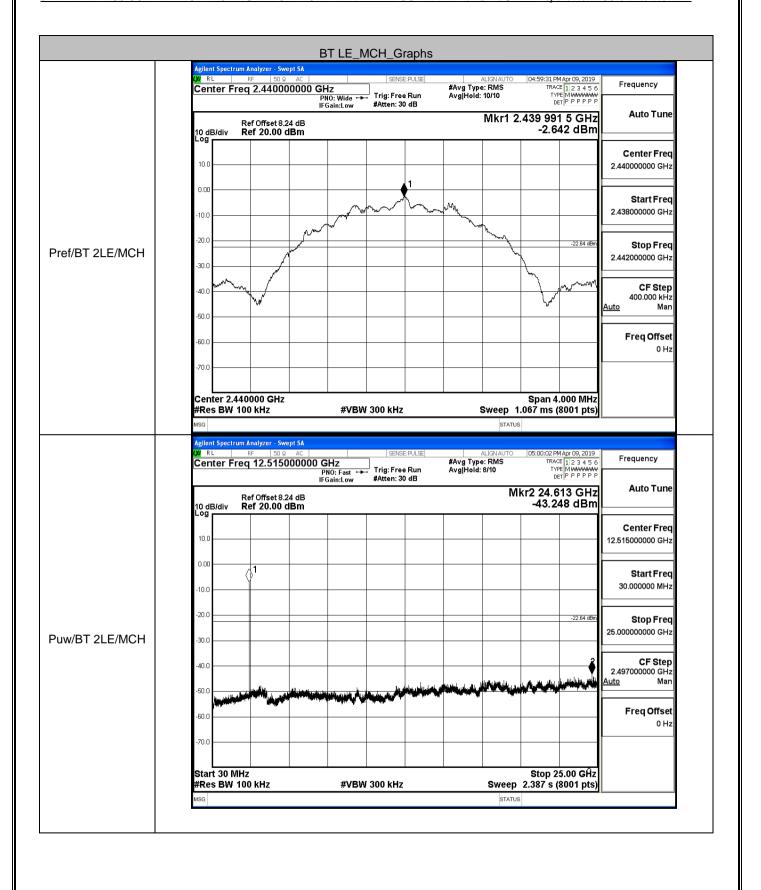
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.368	-43.826	-22.368	PASS
BT LE	MCH	-2.448	-43.949	-22.448	PASS
BT LE	НСН	-3.996	-43.960	-23.996	PASS
BT 2LE	LCH	-1.64	-44.084	-21.640	PASS
BT 2LE	MCH	-2.642	-43.248	-22.642	PASS
BT 2LE	HCH	-5.552	-44.394	-25.552	PASS

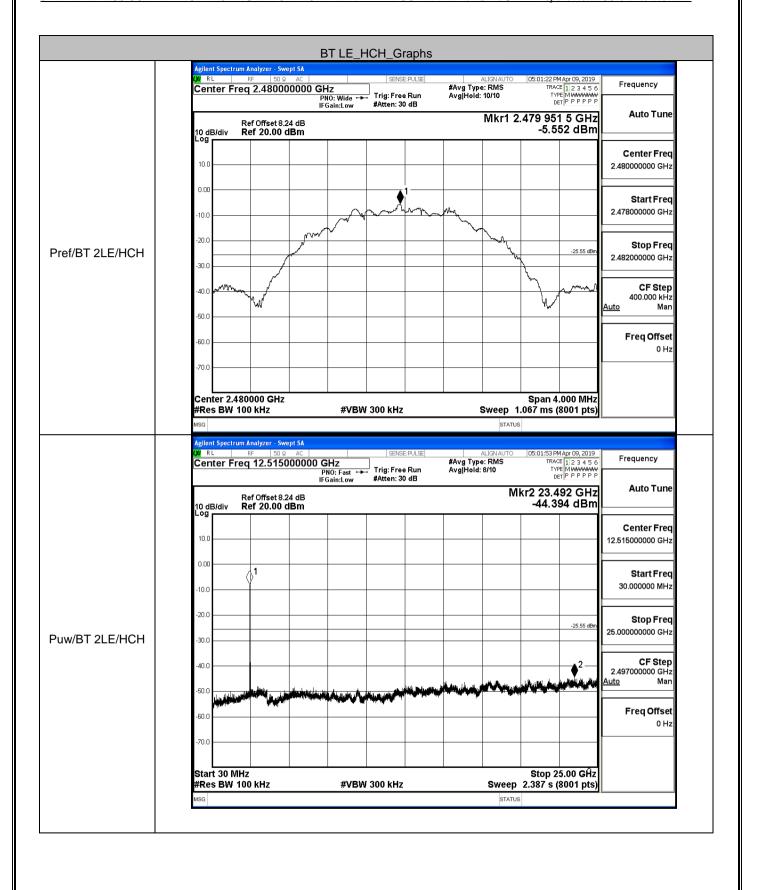






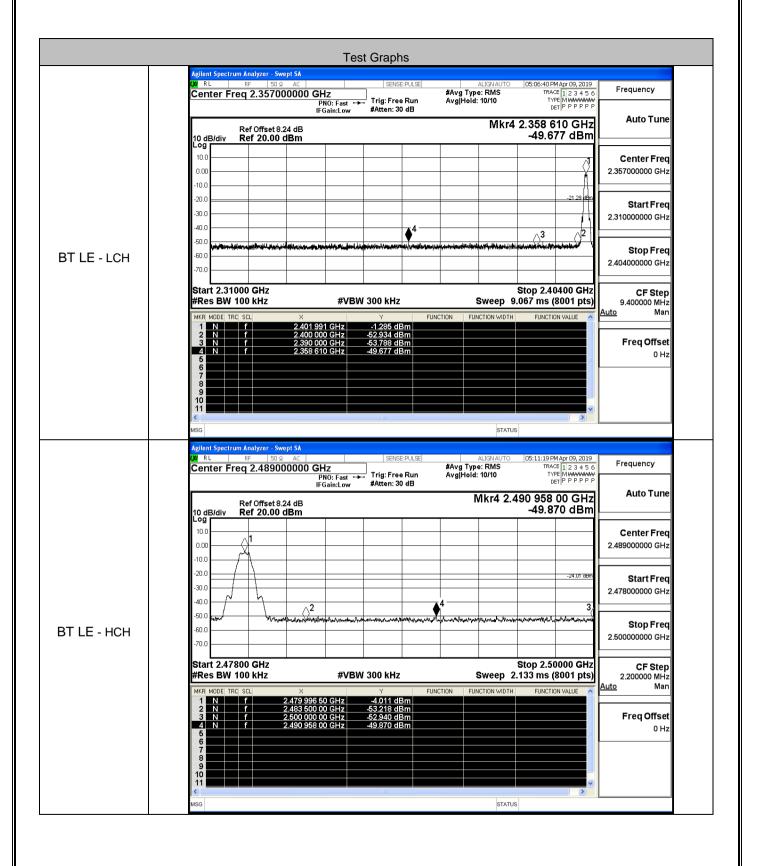


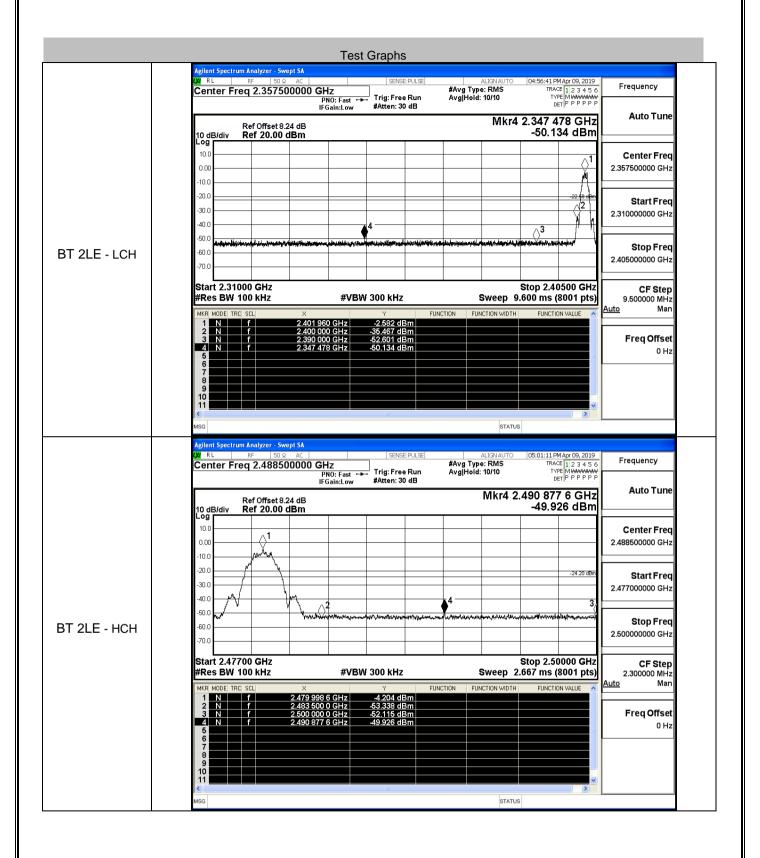




B.6 Band-edge for RF Conducted Emissions

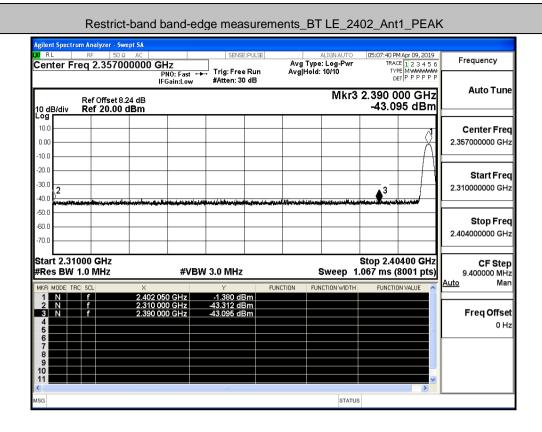
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-1.285	-49.677	-21.29	PASS
BT LE	HCH	-4.011	-49.870	-24.01	PASS
BT 2LE	LCH	-2.582	-50.134	-22.58	PASS
BT 2LE	HCH	-4.204	-49.926	-24.2	PASS



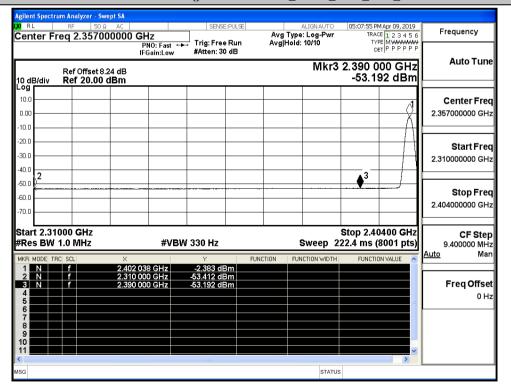


B.7 Restrict-band band-edge measurements

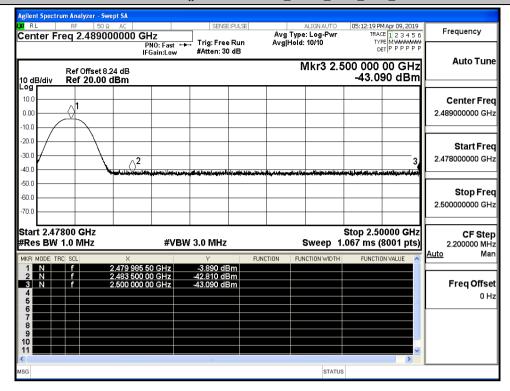
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
		Ant1	2310.0	-43.31	2.0	0	51.95	PEAK	74	PASS
		Ant1	2310.0	-53.41	2.0	0	41.85	AV	54	PASS
	2402	Ant1	2390.0	-43.10	2.0	0	52.16	PEAK	74	PASS
		Ant1	2390.0	-53.19	2.0	0	42.07	AV	54	PASS
BT LE		Ant1	2483.5	-42.81	2.0	0	52.45	PEAK	74	PASS
		Ant1	2483.5	-52.82	2.0	0	42.44	AV	54	PASS
	2480	Ant1	2500.0	-43.09	2.0	0	52.17	PEAK	74	PASS
		Ant1	2500.0	-52.73	2.0	0	42.53	AV	54	PASS
		Ant1	2310.0	-43.16	2.0	0	52.10	PEAK	74	PASS
		Ant1	2310.0	-53.77	2.0	0	41.49	AV	54	PASS
	2402	Ant1	2390.0	-43.03	2.0	0	52.23	PEAK	74	PASS
		Ant1	2390.0	-53.53	2.0	0	41.73	AV	54	PASS
BT 2LE		Ant1	2483.5	-42.80	2.0	0	52.46	PEAK	74	PASS
		Ant1	2483.5	-52.67	2.0	0	42.59	AV	54	PASS
	2480	Ant1	2500.0	-44.62	2.0	0	50.64	PEAK	74	PASS
		Ant1	2500.0	-52.85	2.0	0	42.40	AV	54	PASS



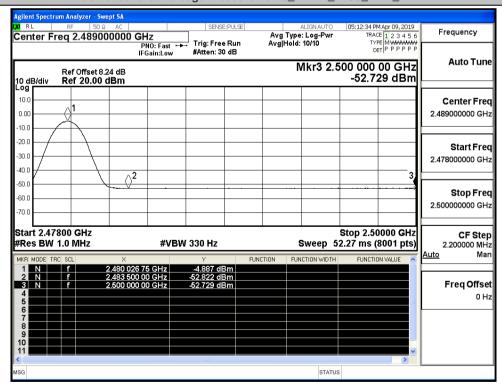
Restrict-band band-edge measurements_BT LE_2402_Ant1_AV

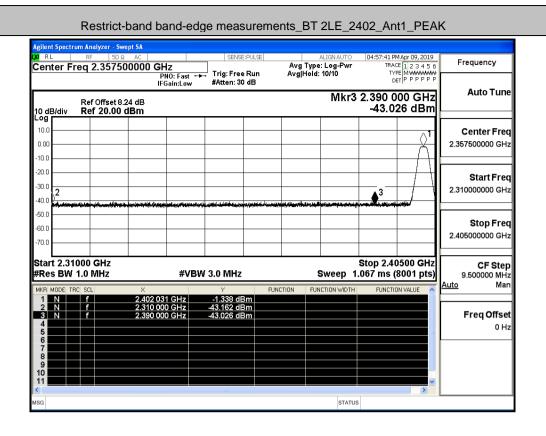


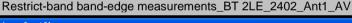
Restrict-band band-edge measurements_BT LE_2480_Ant1_PEAK

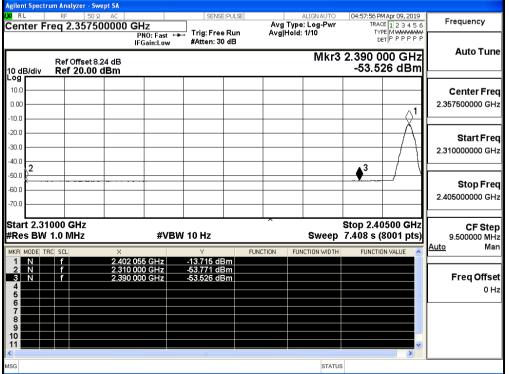


Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

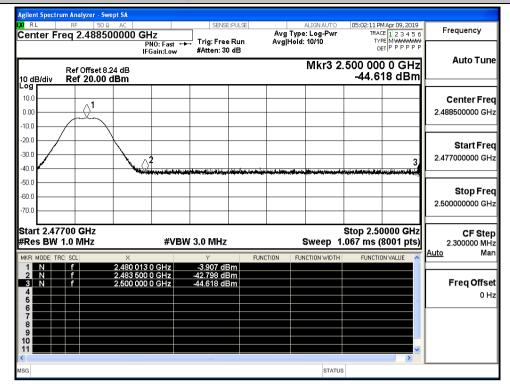








Restrict-band band-edge measurements_BT 2LE_2480_Ant1_PEAK



Restrict-band band-edge measurements_BT 2LE_2480_Ant1_AV

