Appendix B

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

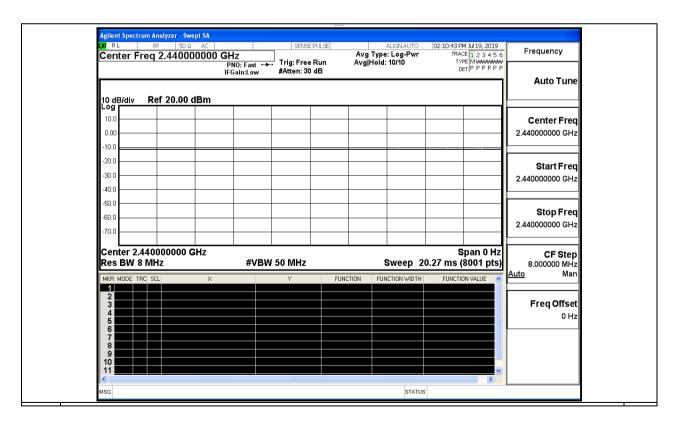
Product Name: Bluetooth Handwriting Tablet
Trade Mark: XPPEN
Test Model: Note Plus

Environmental Conditions

_						
Temperature:	23.9 C					
Relative Humidity:	52.9%					
ATM Pressure:	100.0 kPa					
Test Engineer:	JERRY.ZENG					
Supervised by:	Wang.Chuang					

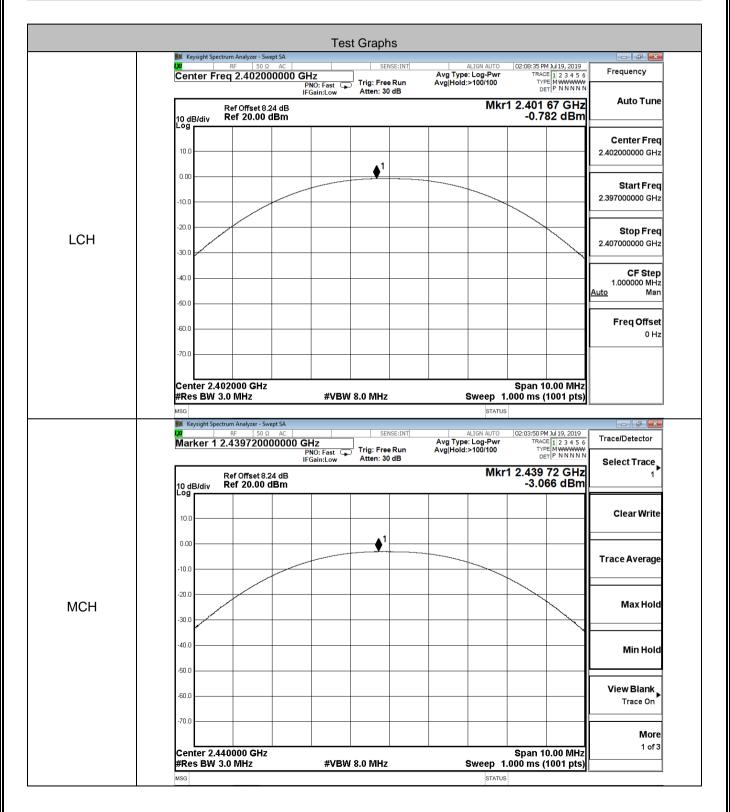
B.1 Duty Cycle

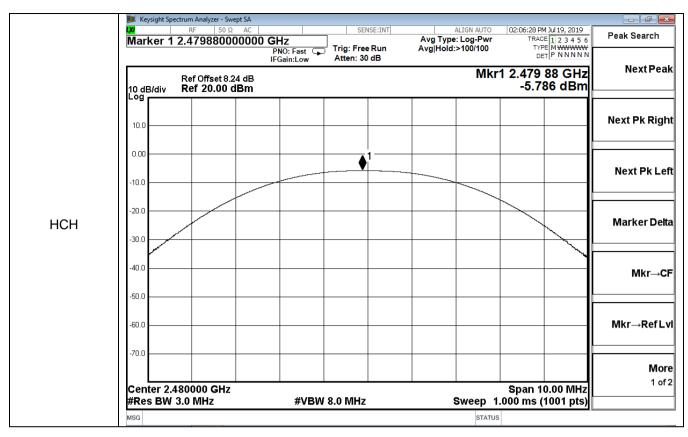
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict	
BT LE	2440	Ant1	100	PASS	



B.2 Maximum Conducted Peak Output Power

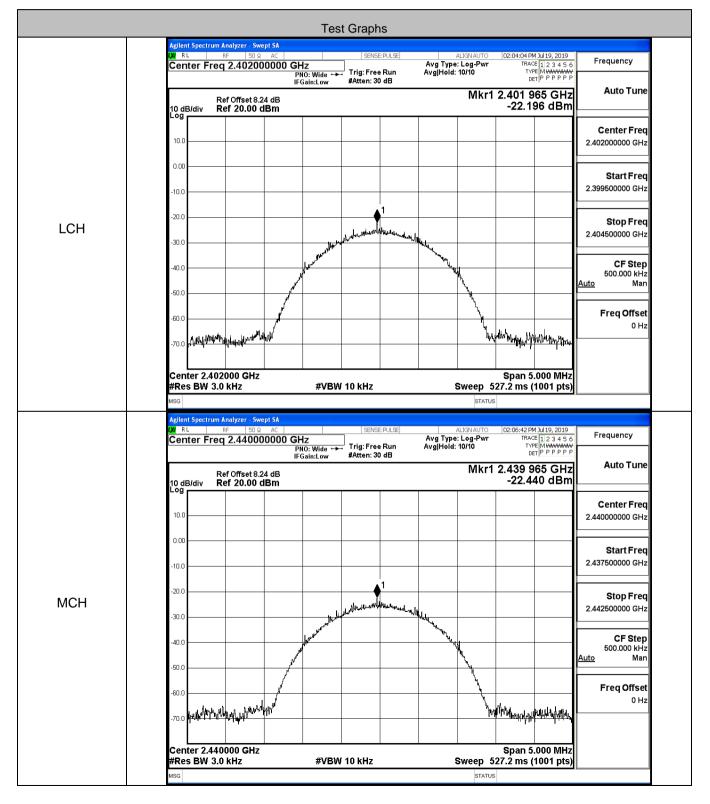
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-0.782	30	PASS
BT LE	MCH	-3.066	30	PASS
BT LE	HCH	-5.786	30	PASS



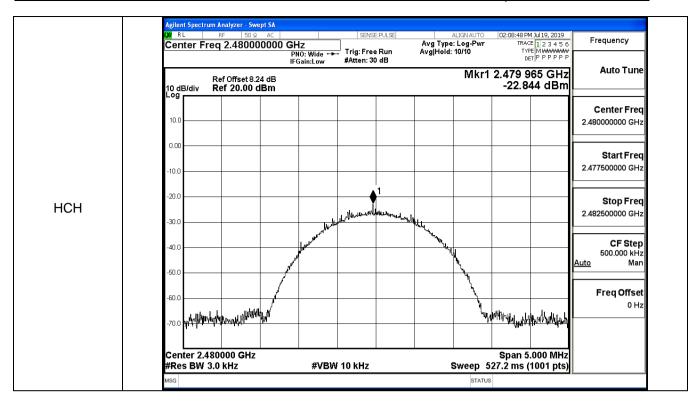


B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-22.196	8	PASS
BT LE	MCH	-22.440	8	PASS
BT LE	НСН	-22.844	8	PASS

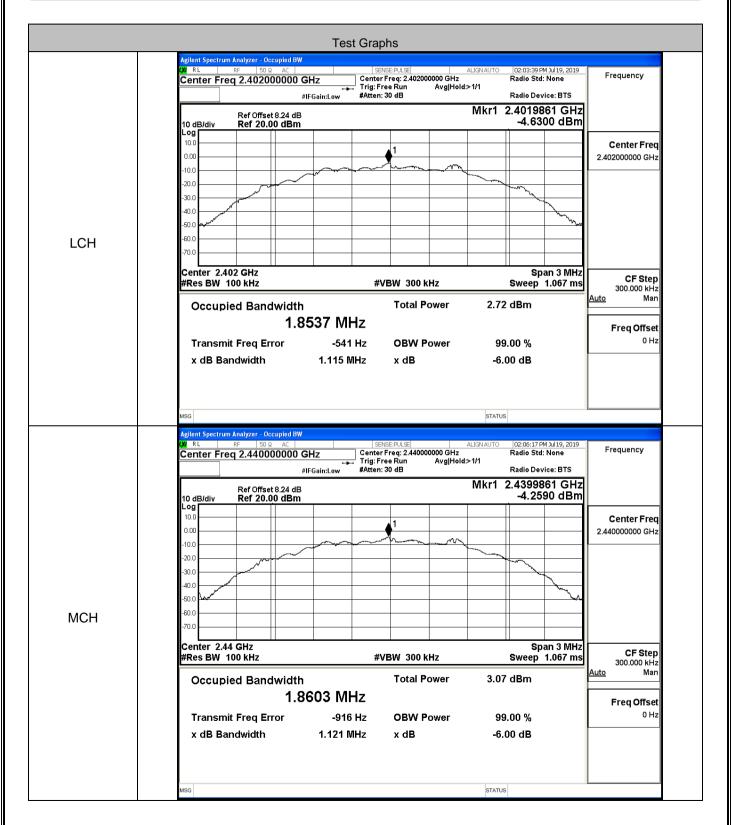


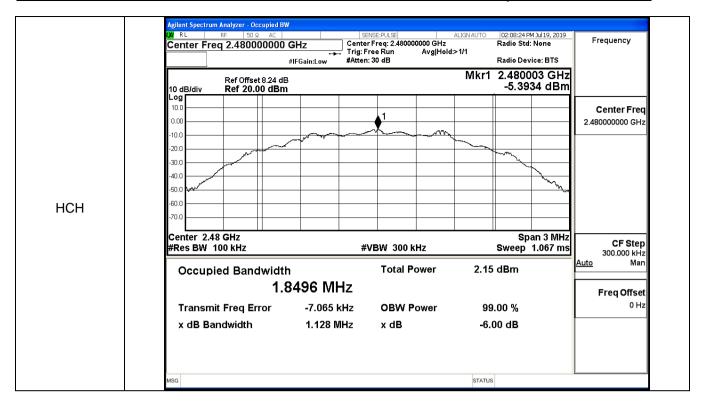
Page 4 of 14



B.4 6dB Bandwidth

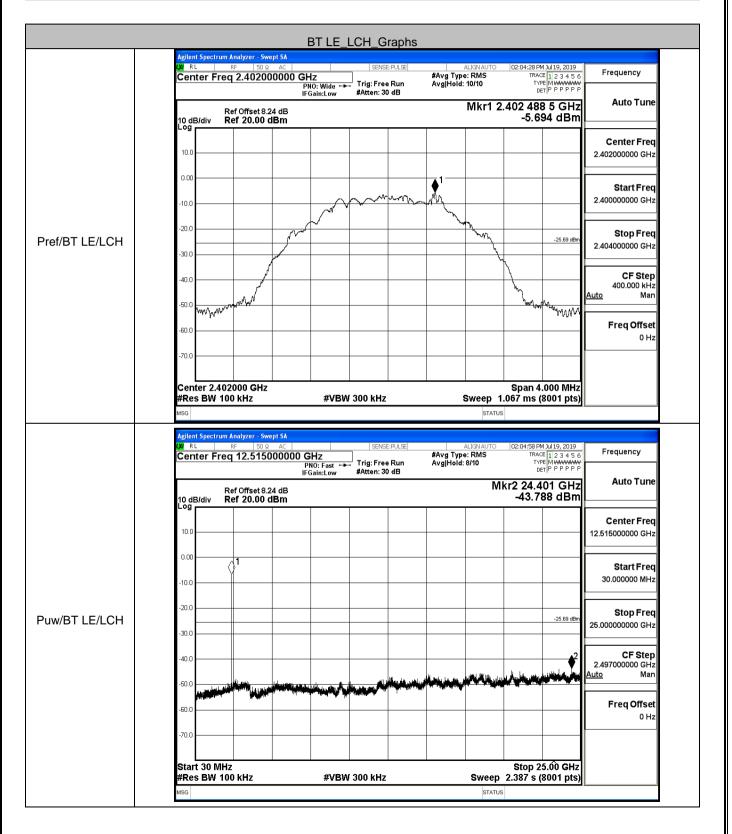
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	1.115	≥0.5	PASS
BT LE	MCH	1.121	≥0.5	PASS
BT LE	HCH	1.128	≥0.5	PASS

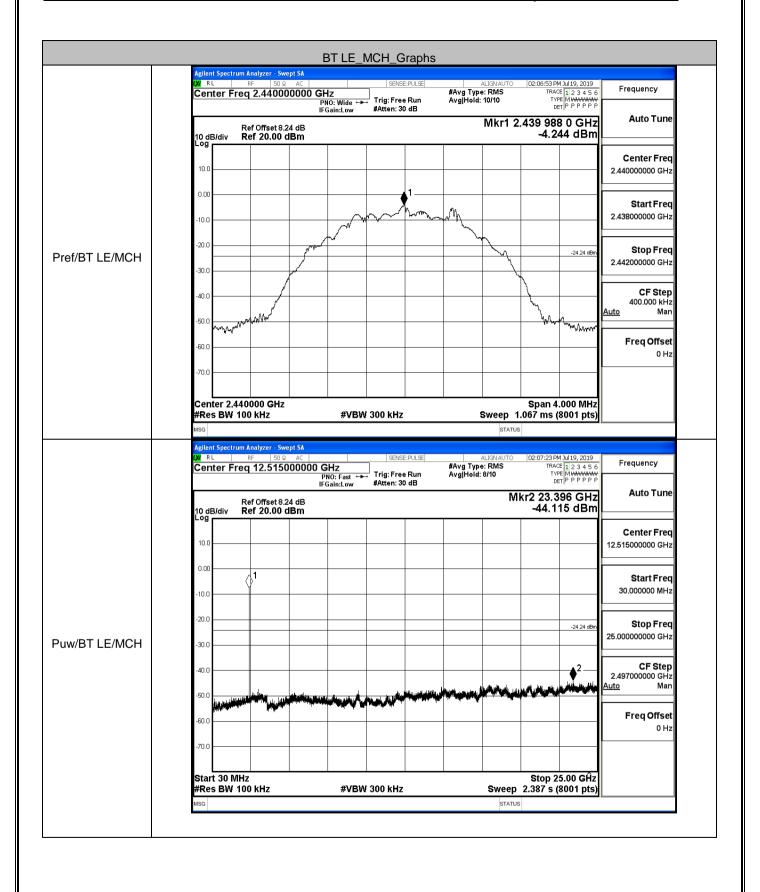


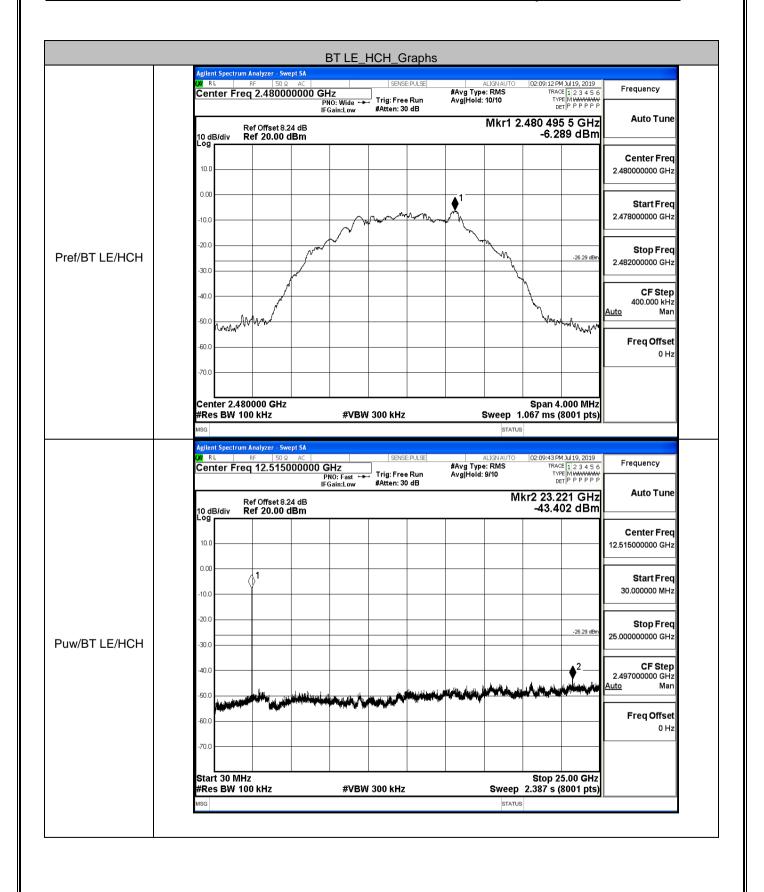


B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-5.694	-43.788	-25.694	PASS
BT LE	MCH	-4.244	-44.115	-24.244	PASS
BT LE	НСН	-6.289	-43.402	-26.289	PASS

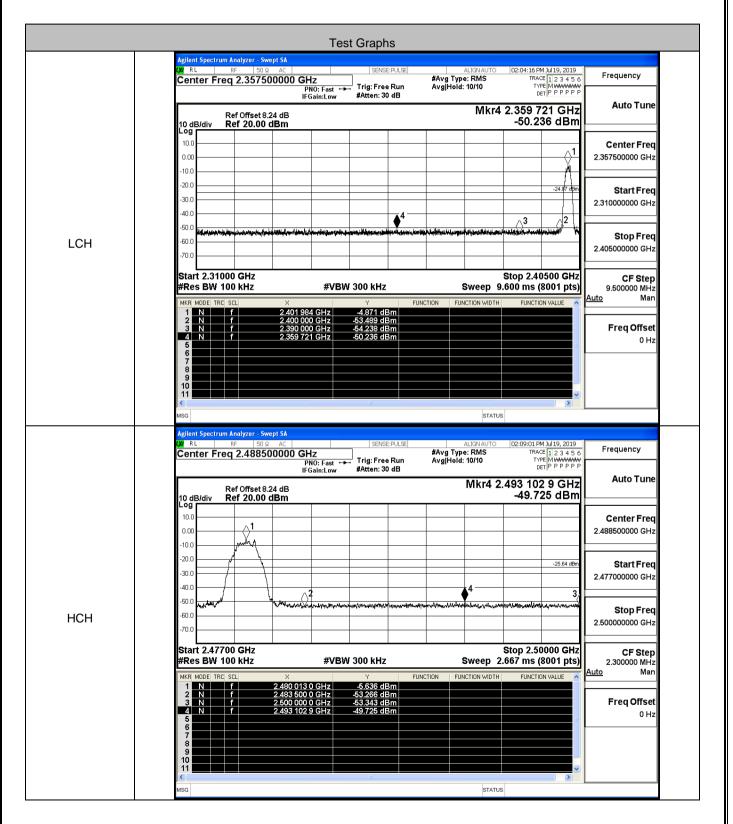






B.6 Band-edge for RF Conducted Emissions

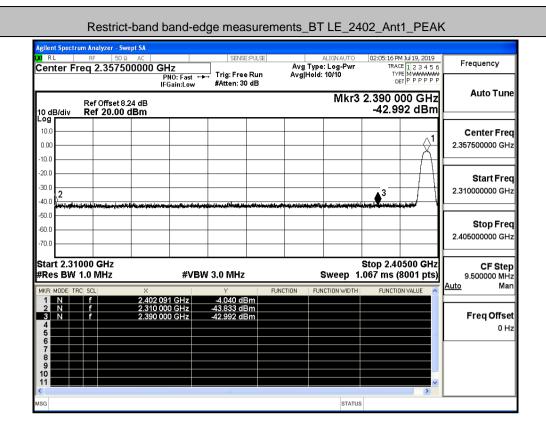
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-4.871	-50.236	-24.87	PASS
BT LE	HCH	-5.636	-49.725	-25.64	PASS



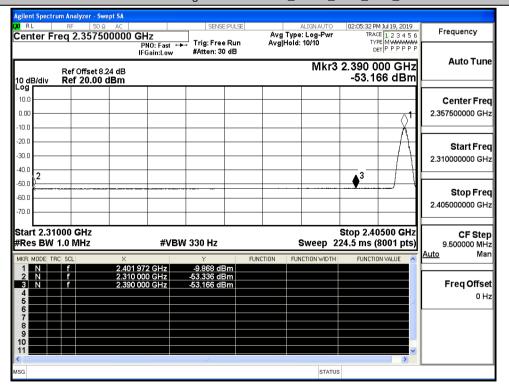
Page 11 of 14

B.7 Restrict-band band-edge measurements

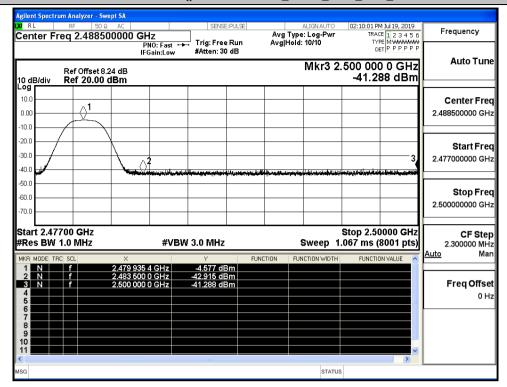
Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
		Ant1	2310.0	-43.83	2.0	0	53.42	PEAK	74	PASS
	2402	Ant1	2310.0	-53.34	2.0	0	43.92	AV	54	PASS
		Ant1	2390.0	-42.99	2.0	0	54.27	PEAK	74	PASS
		Ant1	2390.0	-53.17	2.0	0	44.09	AV	54	PASS
BT LE		Ant1	2483.5	-42.92	2.0	0	54.34	PEAK	74	PASS
	2480	Ant1	2483.5	-52.84	2.0	0	44.42	AV	54	PASS
		Ant1	2500.0	-41.29	2.0	0	55.97	PEAK	74	PASS
		Ant1	2500.0	-52.86	2.0	0	44.39	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

