Appendix B

RF Test Data for BT V4.2(BDR/EDR) (Conducted Measurement)

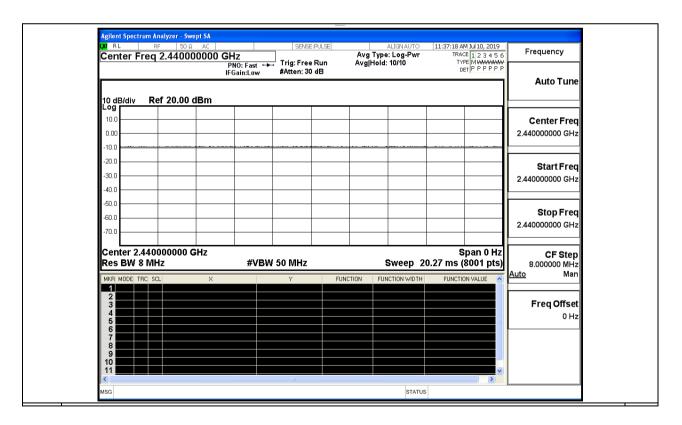
Product Name: TITAN 7130 Trade Mark: TITAN Test Model: 7130PL01

Environmental Conditions

Temperature:	24.3 ° C
Relative Humidity:	52.8%
ATM Pressure:	100.0 kPa
Test Engineer:	JERRY.ZENG
Supervised by:	Wang.Chuang

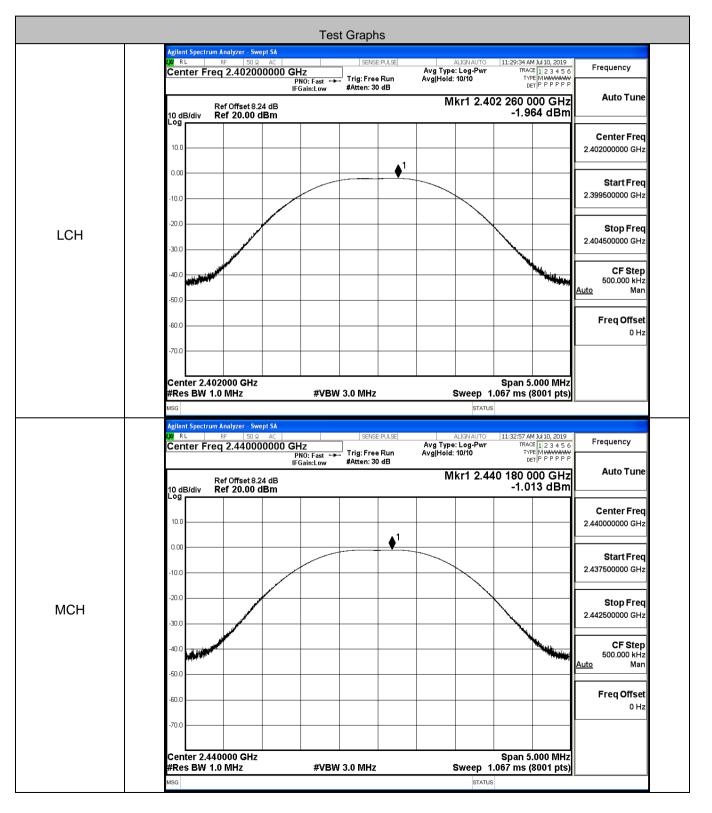
B.1 Duty Cycle

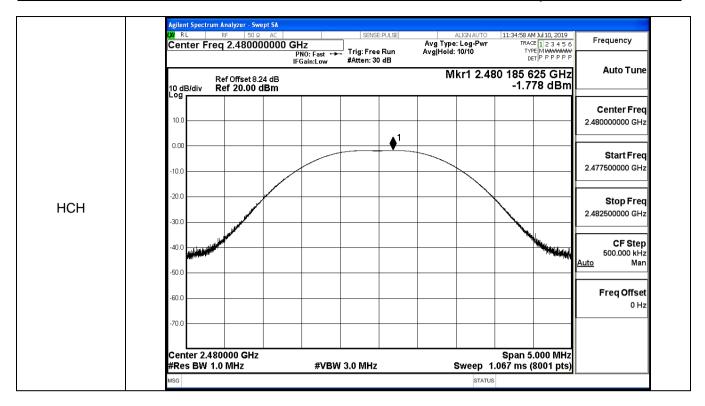
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
BT LE	2440	Ant1	100	PASS



B.2 Maximum Conducted Peak Output Power

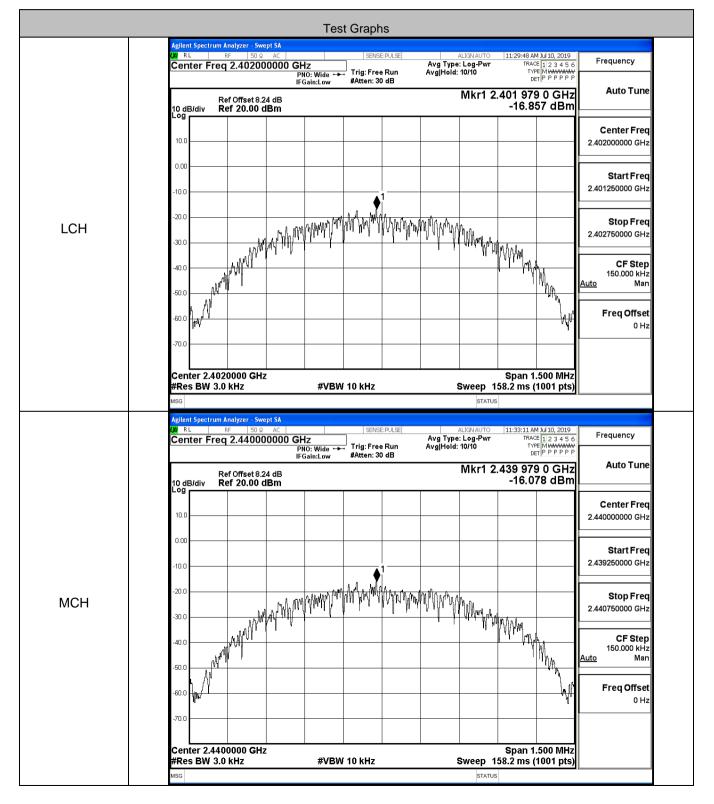
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-1.964	30	PASS
BT LE	MCH	-1.013	30	PASS
BT LE	HCH	-1.778	30	PASS



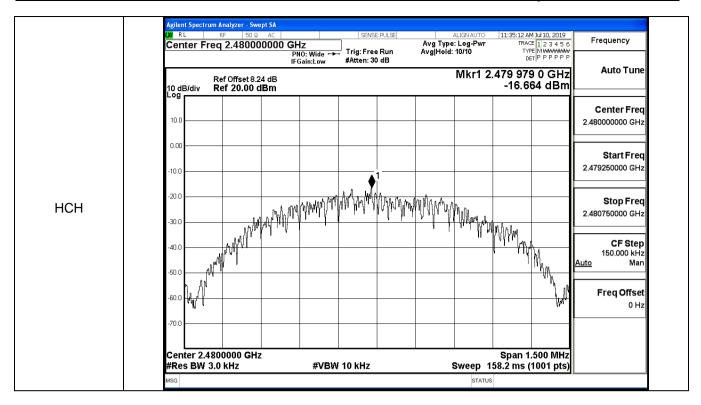


B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-16.857	8	PASS
BT LE	MCH	-16.078	8	PASS
BT LE	HCH	-16.664	8	PASS

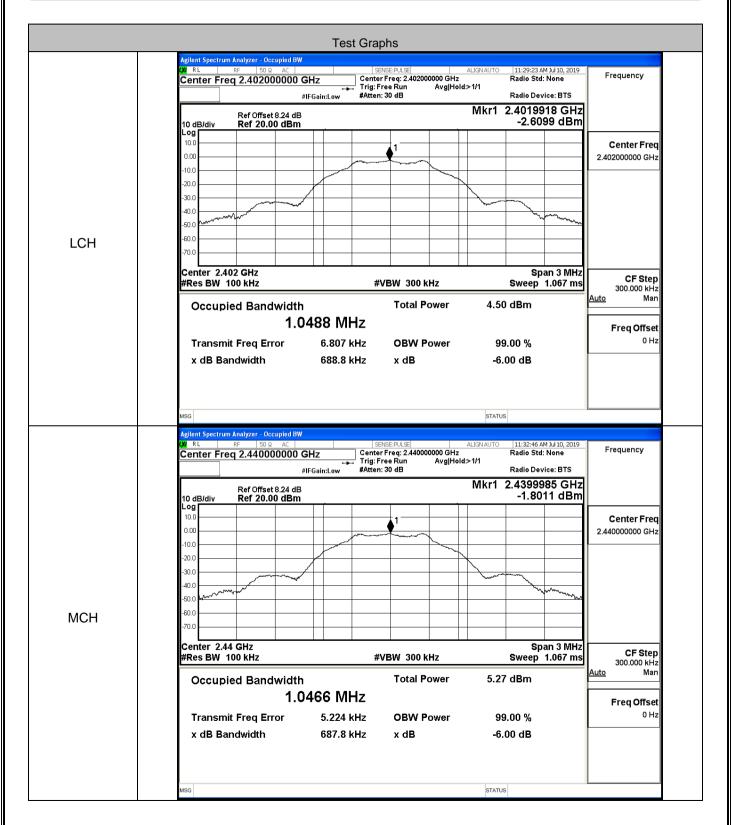


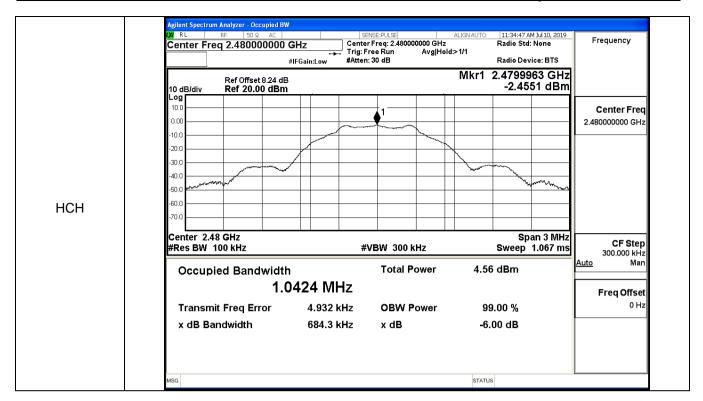
Page 4 of 15



B.4 6dB Bandwidth

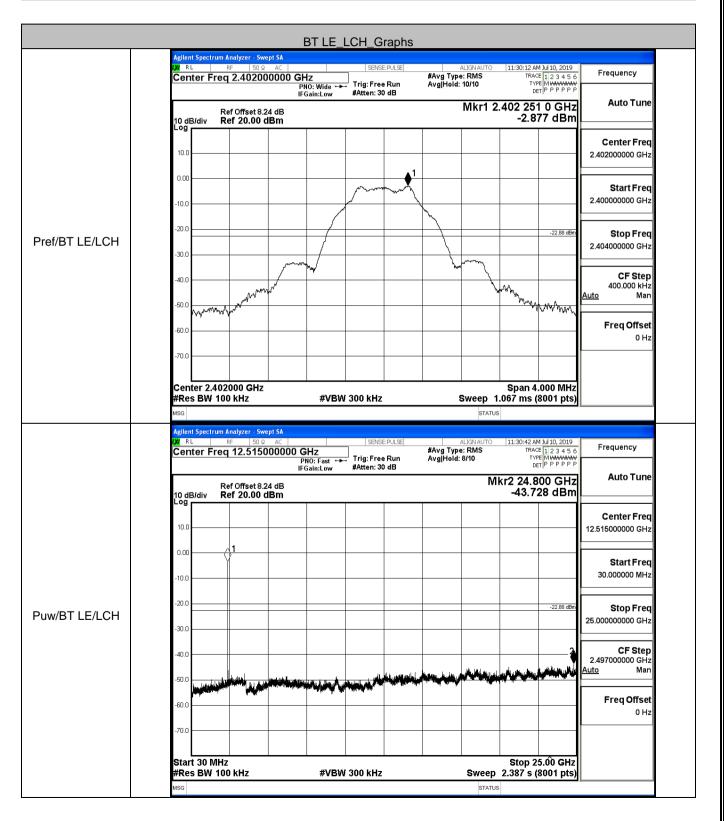
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6888	≥0.5	PASS
BT LE	MCH	0.6878	≥0.5	PASS
BT LE	HCH	0.6843	≥0.5	PASS



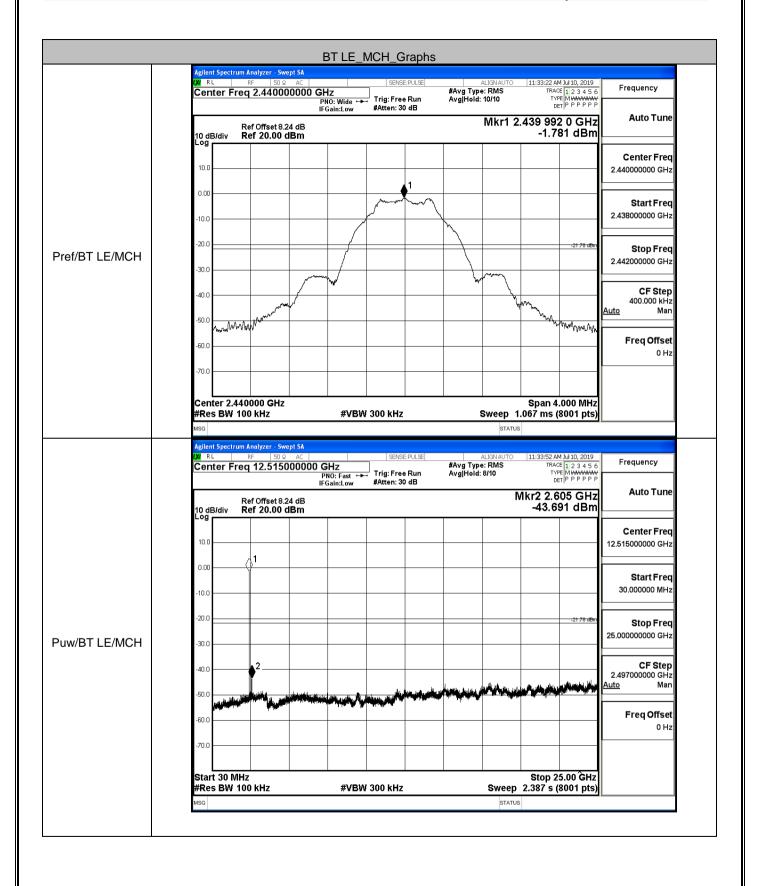


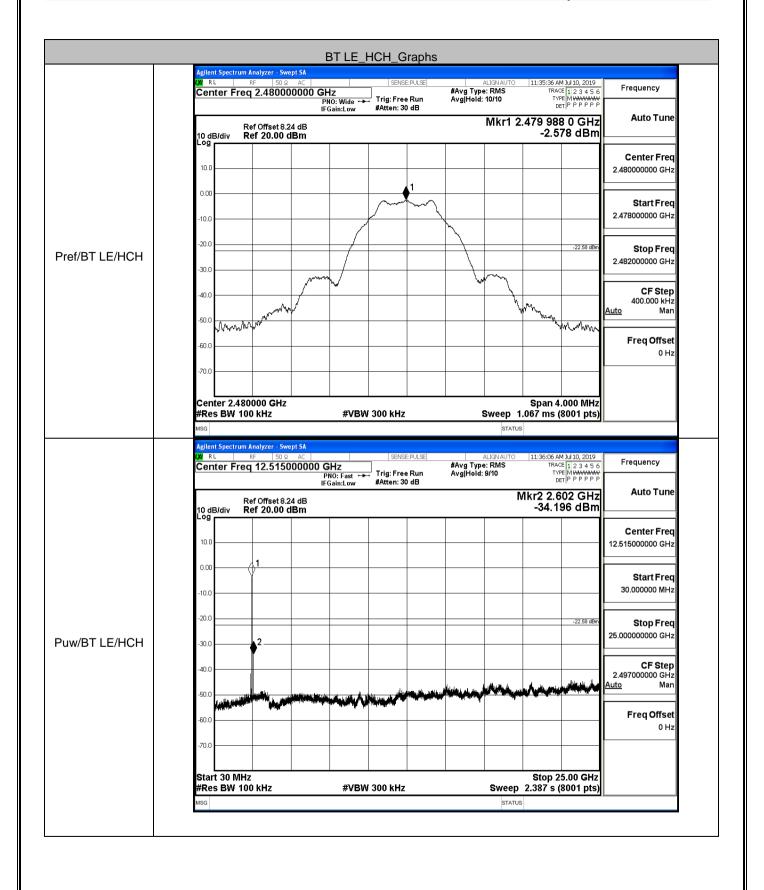
B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.877	-43.728	-22.877	PASS
BT LE	MCH	-1.781	-43.691	-21.781	PASS
BT LE	НСН	-2.578	-34.196	-22.578	PASS



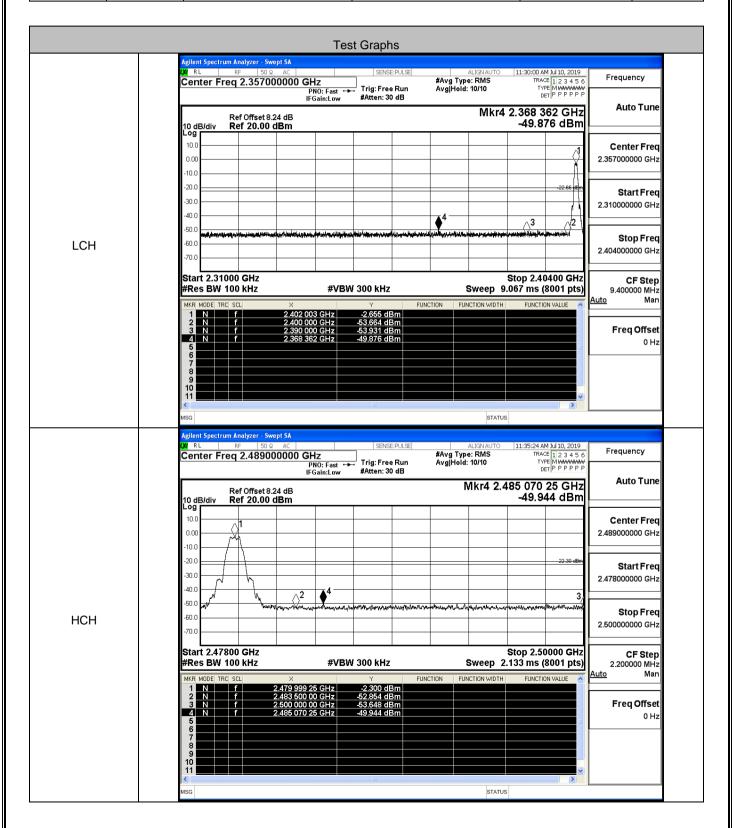
SHENZHEN LCS CON	MPLIANCE TESTING LABORATORY LT	TD	FCC ID: 2AK9F7130	Repo	ort No.:LCS190704009AEA	1
		Page 9 of 15	-			





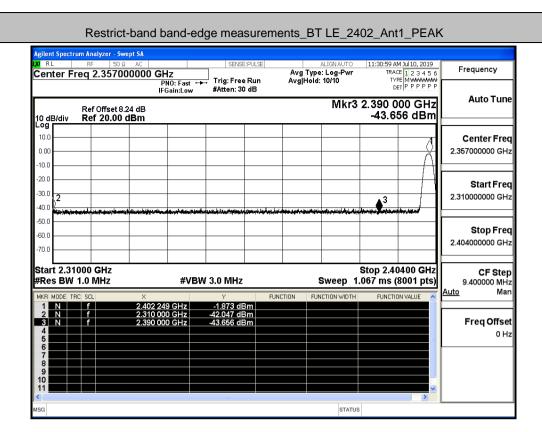
B.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.655	-49.876	-22.66	PASS
BT LE	HCH	-2.300	-49.944	-22.3	PASS

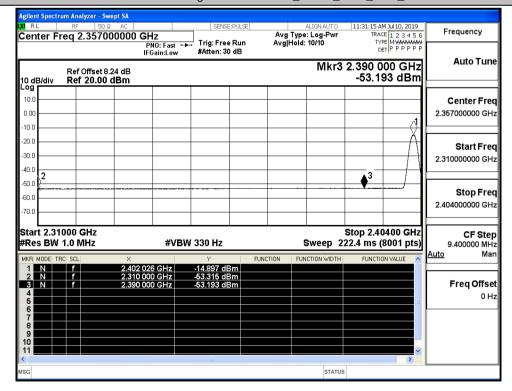


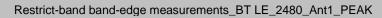
B.7 Restrict-band band-edge measurements

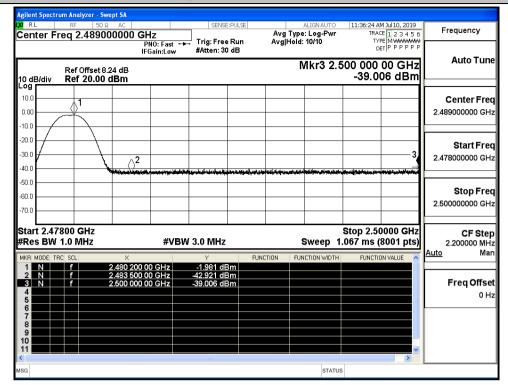
Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
		Ant1	2310.0	-42.05	2.0	0	53.21	PEAK	74	PASS
	2402	Ant1	2310.0	-53.32	2.0	0	41.94	AV	54	PASS
		Ant1	2390.0	-43.66	2.0	0	51.60	PEAK	74	PASS
		Ant1	2390.0	-53.19	2.0	0	42.06	AV	54	PASS
BT LE		Ant1	2483.5	-42.92	2.0	0	52.34	PEAK	74	PASS
	2480	Ant1	2483.5	-52.86	2.0	0	42.40	AV	54	PASS
		Ant1	2500.0	-39.01	2.0	0	56.25	PEAK	74	PASS
		Ant1	2500.0	-52.75	2.0	0	42.51	AV	54	PASS



Restrict-band band-edge measurements_BT LE_2402_Ant1_AV







Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

