Appendix B

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

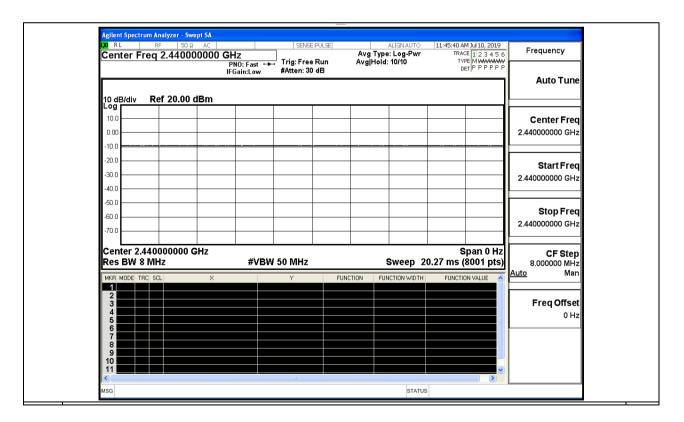
Product Name: TITAN 7132 Trade Mark: TITAN Test Model: 7132PL01

Environmental Conditions

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

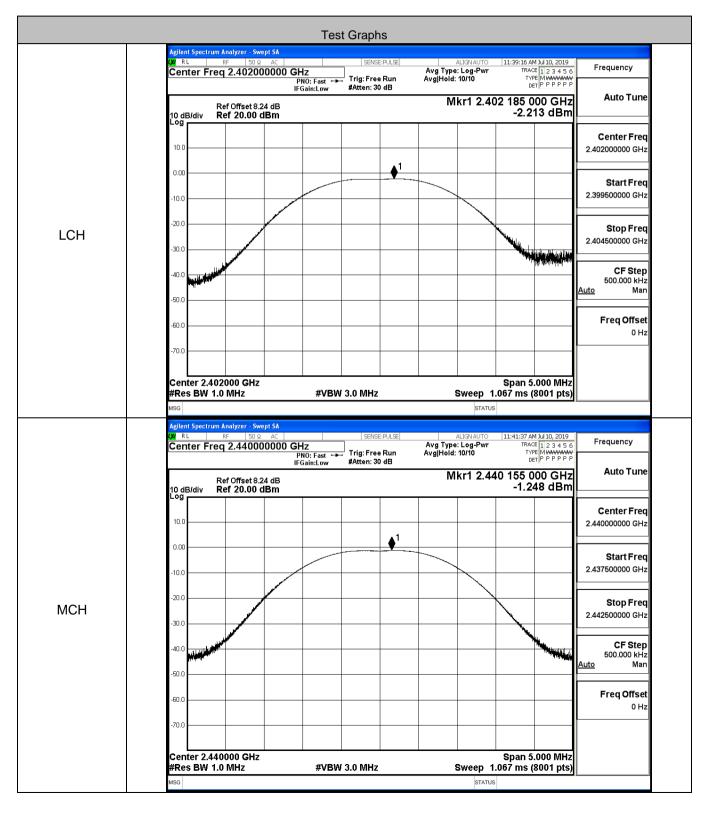
B.1 Duty Cycle

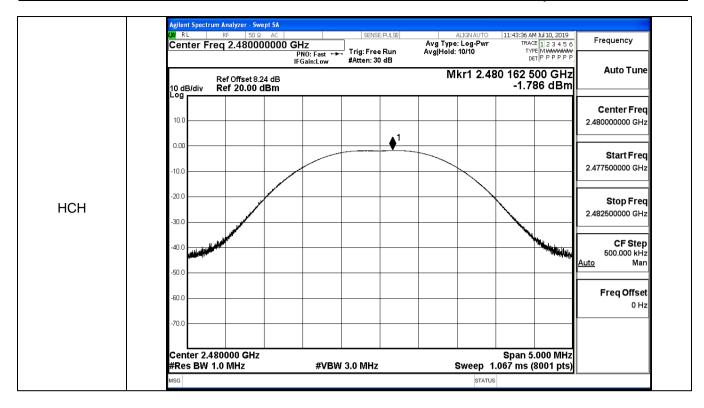
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict	
BT LE	2440	Ant1	100	PASS	



B.2 Maximum Conducted Peak Output Power

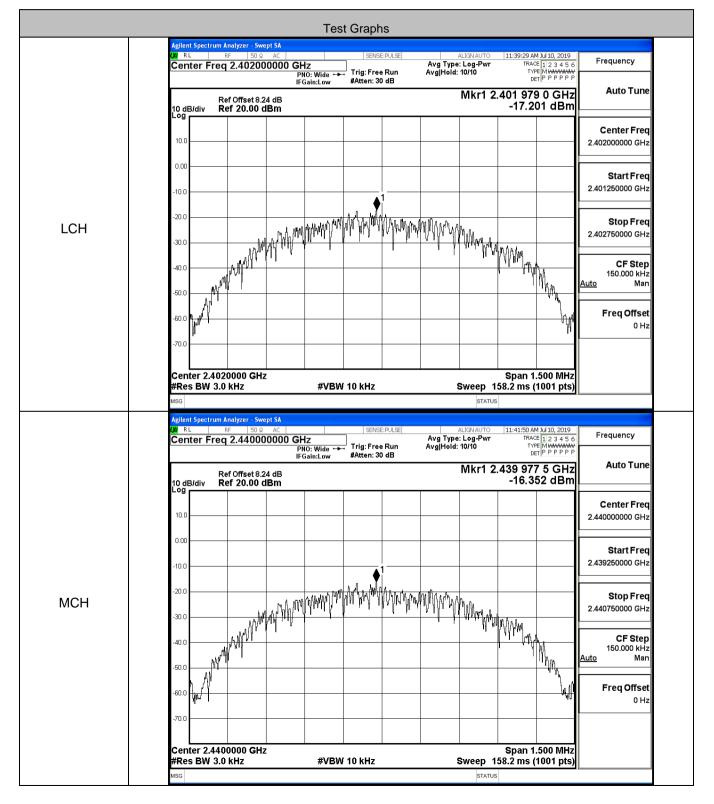
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.213	30	PASS
BT LE	MCH	-1.248	30	PASS
BT LE	HCH	-1.786	30	PASS



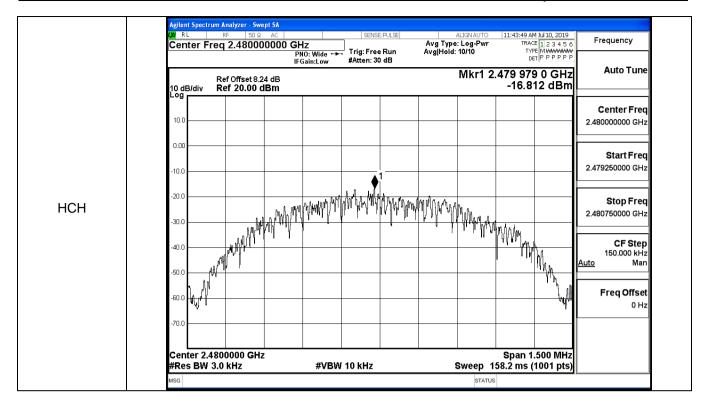


B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-17.201	8	PASS
BT LE	MCH	-16.352	8	PASS
BT LE	НСН	-16.812	8	PASS

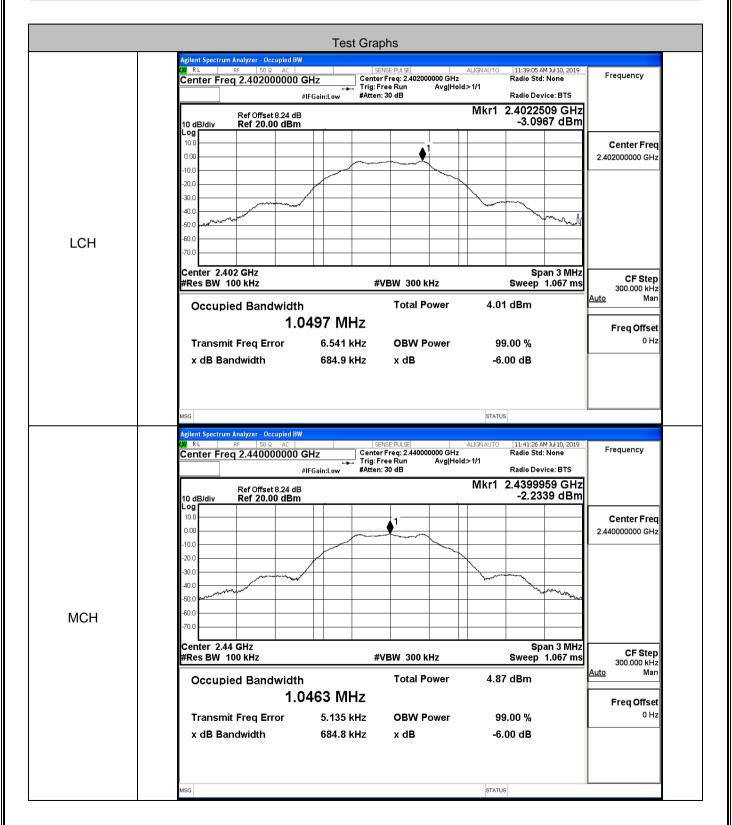


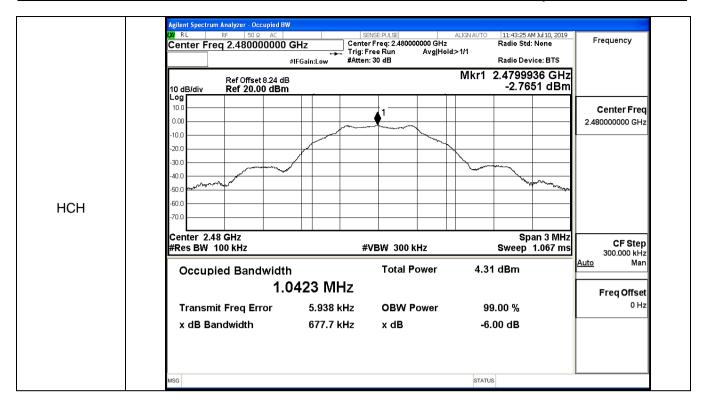
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B.4 6dB Bandwidth

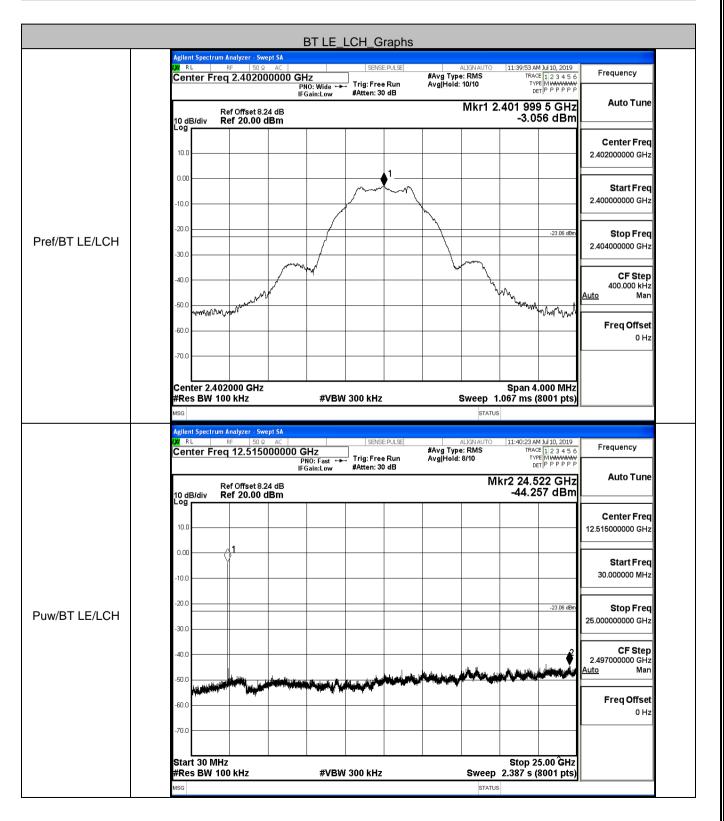
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6849	≥0.5	PASS
BT LE	MCH	0.6848	≥0.5	PASS
BT LE	HCH	0.6777	≥0.5	PASS



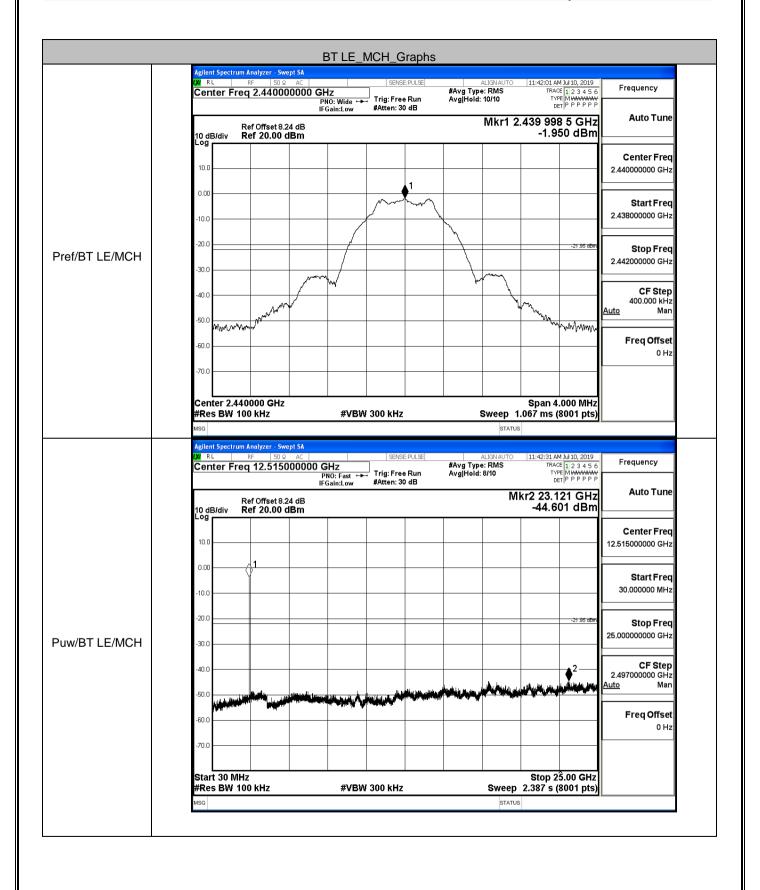


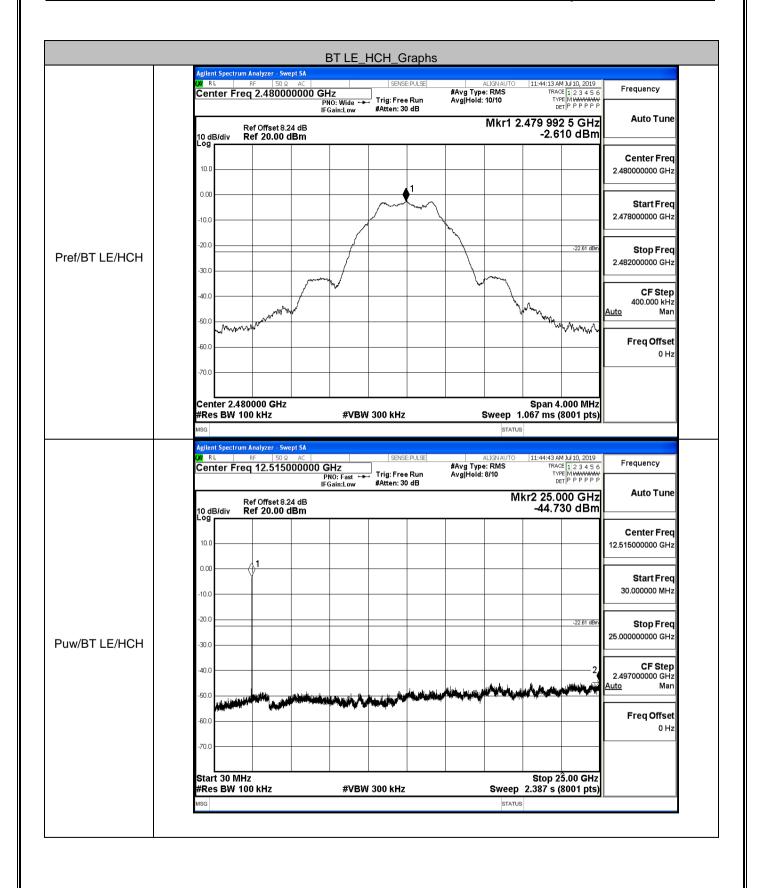
B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-3.056	-44.257	-23.056	PASS
BT LE	MCH	-1.95	-44.601	-21.950	PASS
BT LE	НСН	-2.61	-44.730	-22.610	PASS



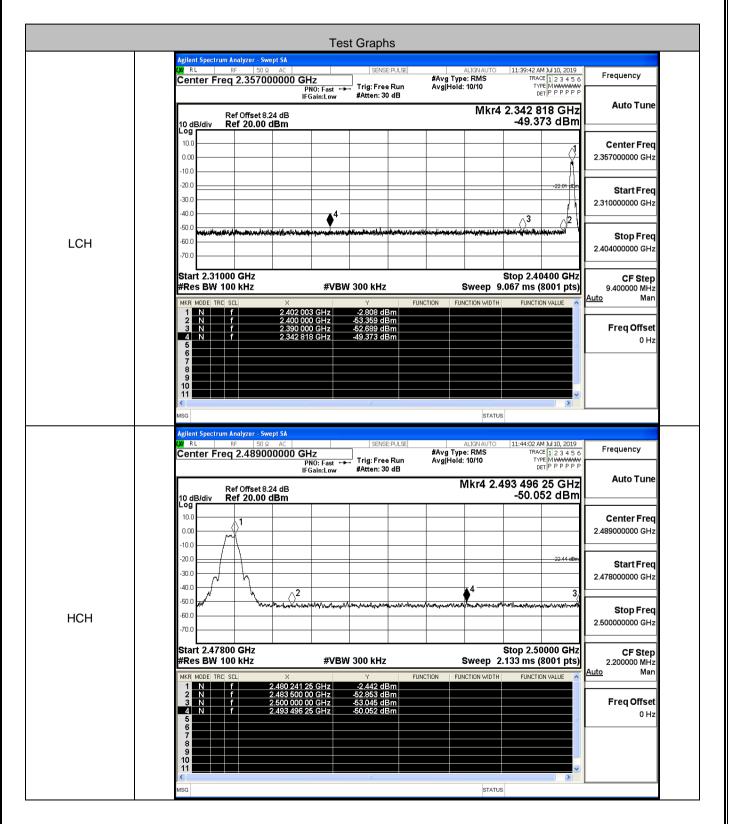
SHENZHEN LCS COM	MPLIANCE TESTING LABORATORY LTD.	FCC ID: 2AK9F7132	Report No.: LCS190704010AEA
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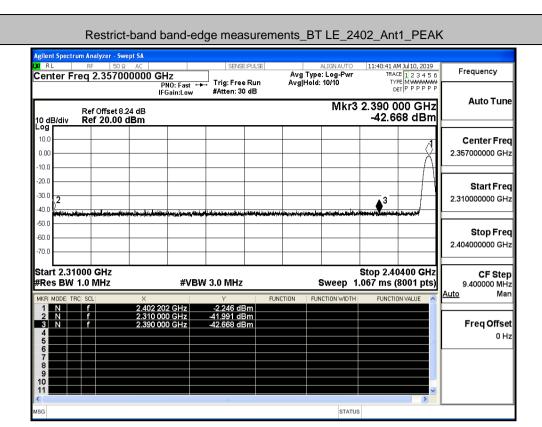
B.6 Band-edge for RF Conducted Emissions

Mode	Channel	Channel Carrier Power[dBm] Max.Spurious Level [dBm]		Limit [dBm]	Verdict
BT LE	LCH	-2.808	-49.373	-22.81	PASS
BT LE	HCH	-2.442	-50.052	-22.44	PASS

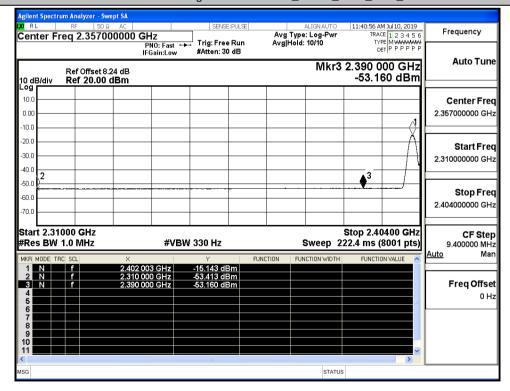


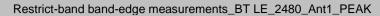
B.7 Restrict-band band-edge measurements

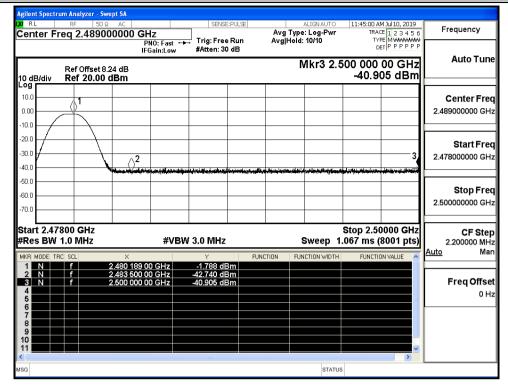
Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
	2402	Ant1	2310.0	-41.99	2.0	0	53.27	PEAK	74	PASS
		Ant1	2310.0	-53.41	2.0	0	41.84	AV	54	PASS
		Ant1	2390.0	-42.67	2.0	0	52.59	PEAK	74	PASS
		Ant1	2390.0	-53.16	2.0	0	42.10	AV	54	PASS
BT LE		Ant1	2483.5	-42.74	2.0	0	52.52	PEAK	74	PASS
	2480	Ant1	2483.5	-53.00	2.0	0	42.26	AV	54	PASS
		Ant1	2500.0	-40.91	2.0	0	54.35	PEAK	74	PASS
		Ant1	2500.0	-52.85	2.0	0	42.41	AV	54	PASS



Restrict-band band-edge measurements_BT LE_2402_Ant1_AV







Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

