Appendix B

RF Test Data for BT V4.2(BLE) (Conducted Measurement)

Product Name: 4G Smartphone

Trade Mark: Kenxinda, Ken mobile, KXD, E&L, EL

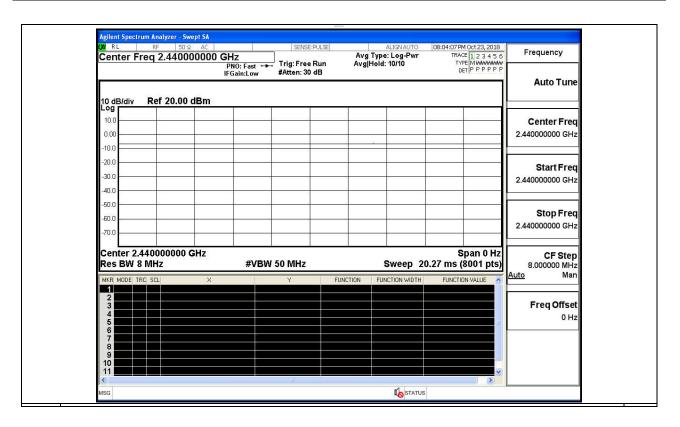
Test Model: T50

Environmental Conditions

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Temperature:	23.4° C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Tom.Liu
Supervised by:	Jayden.Zhuo

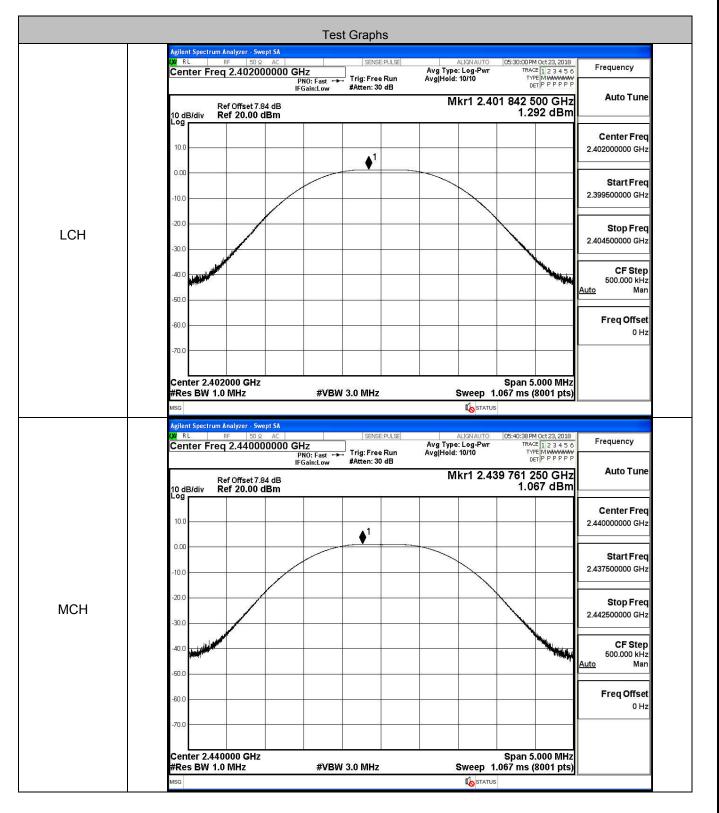
B.1 Duty Cycle

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

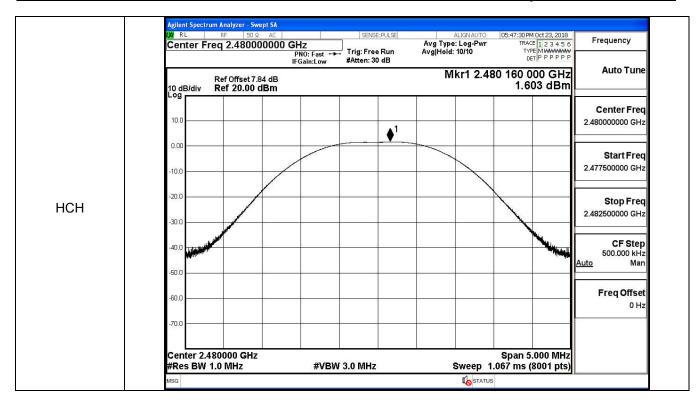


B.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	1.292	30	PASS
BT LE	мсн	1.067	30	PASS
BT LE	HCH	1.603	30	PASS

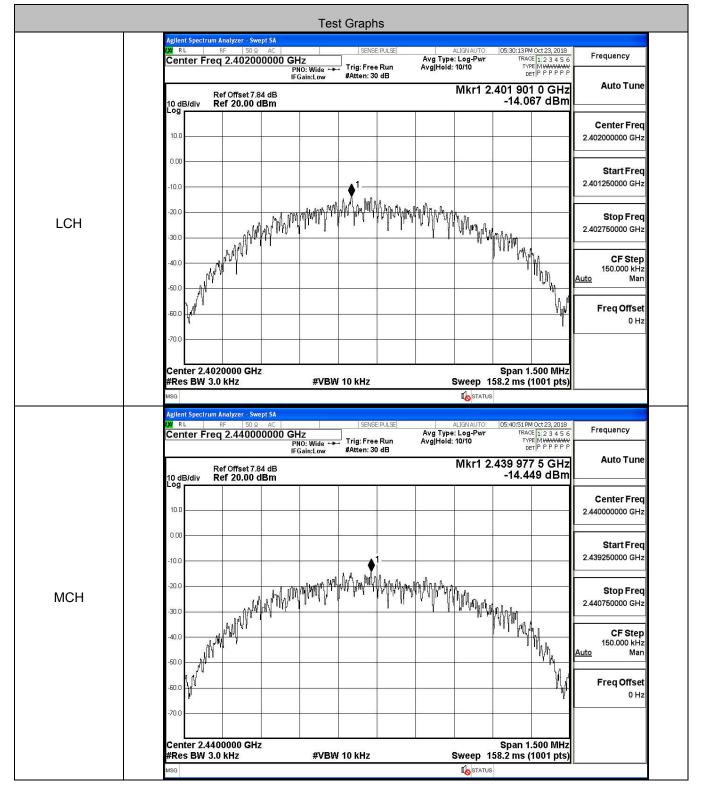


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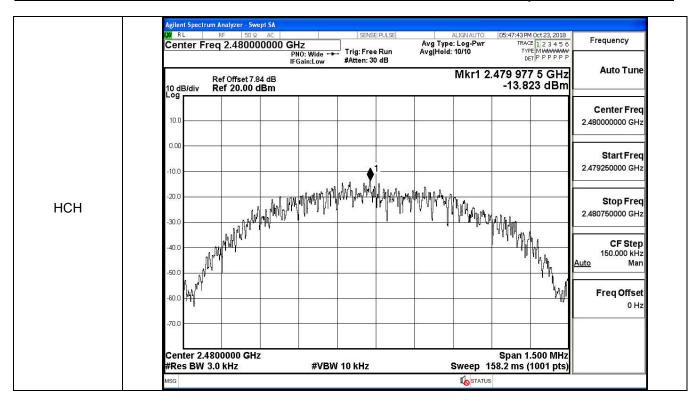


B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-14.067	8	PASS
BT LE	MCH	-14.449	8	PASS
BT LE	НСН	-13.823	8	PASS

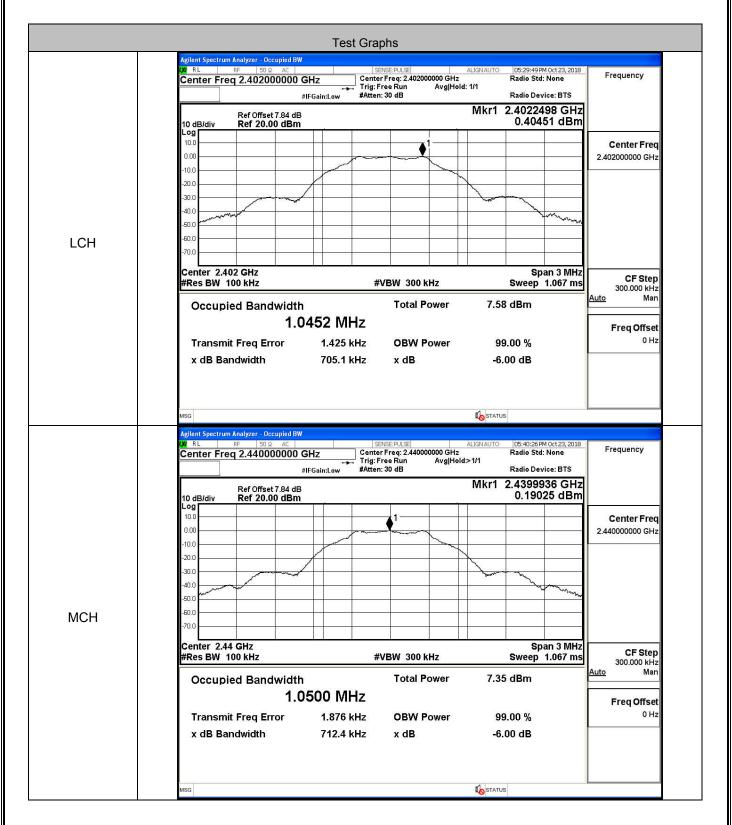


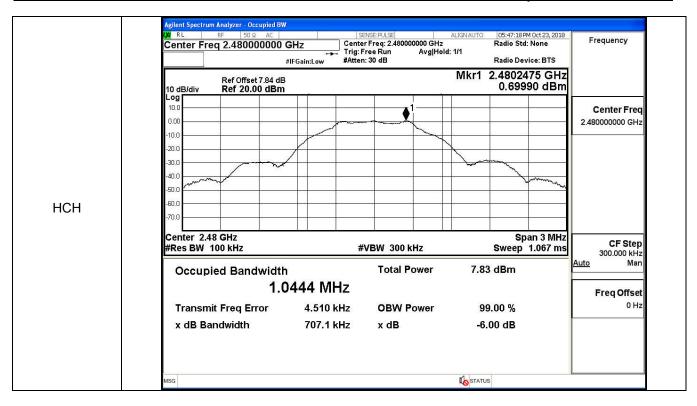
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B.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.7051	≥0.5	PASS
BT LE	MCH	0.7124	≥0.5	PASS
BT LE	HCH	0.7071	≥0.5	PASS

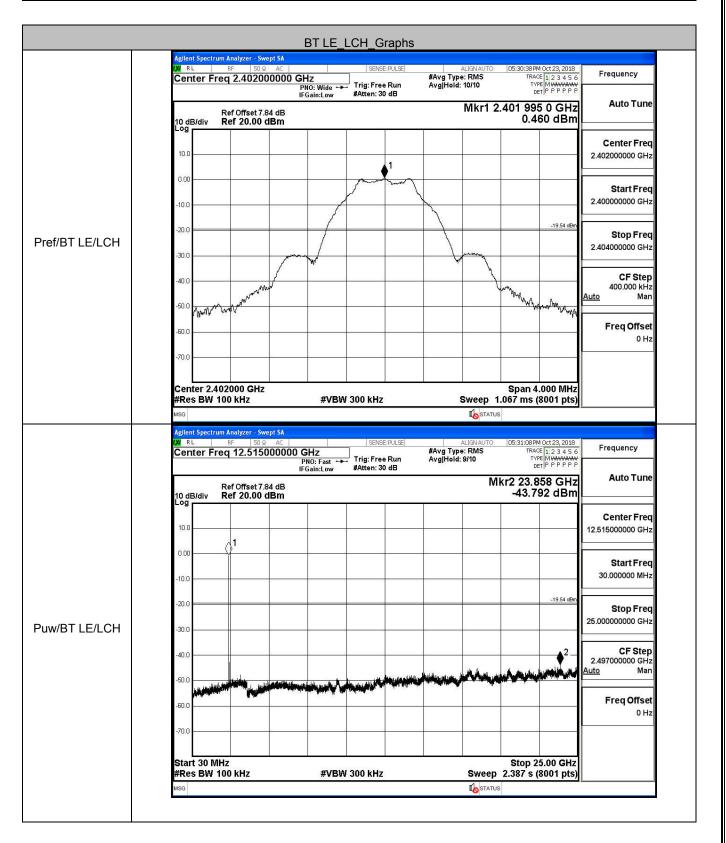


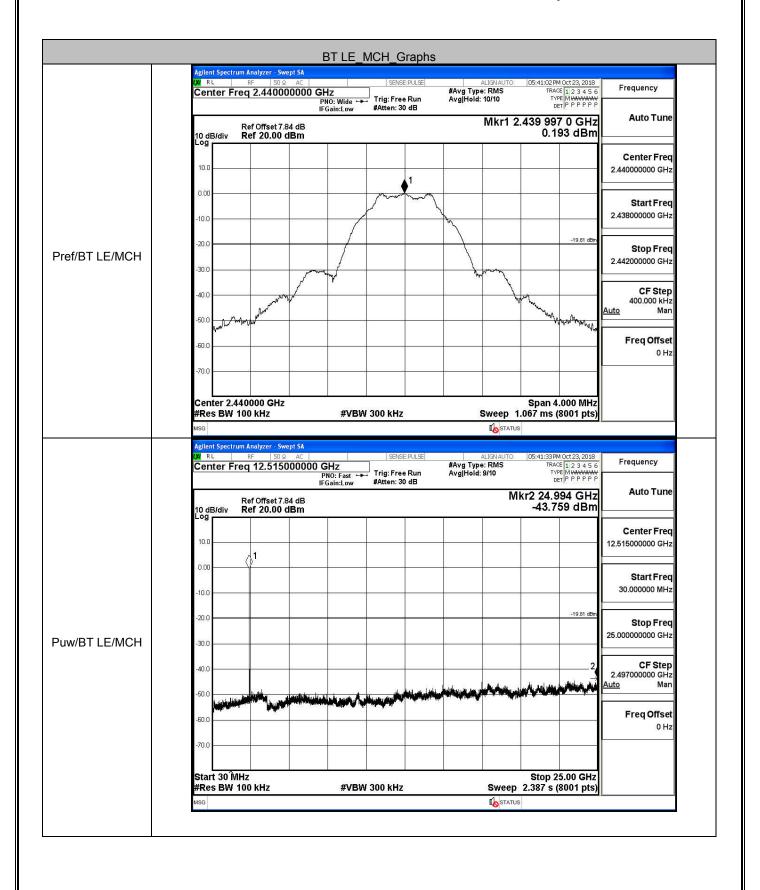


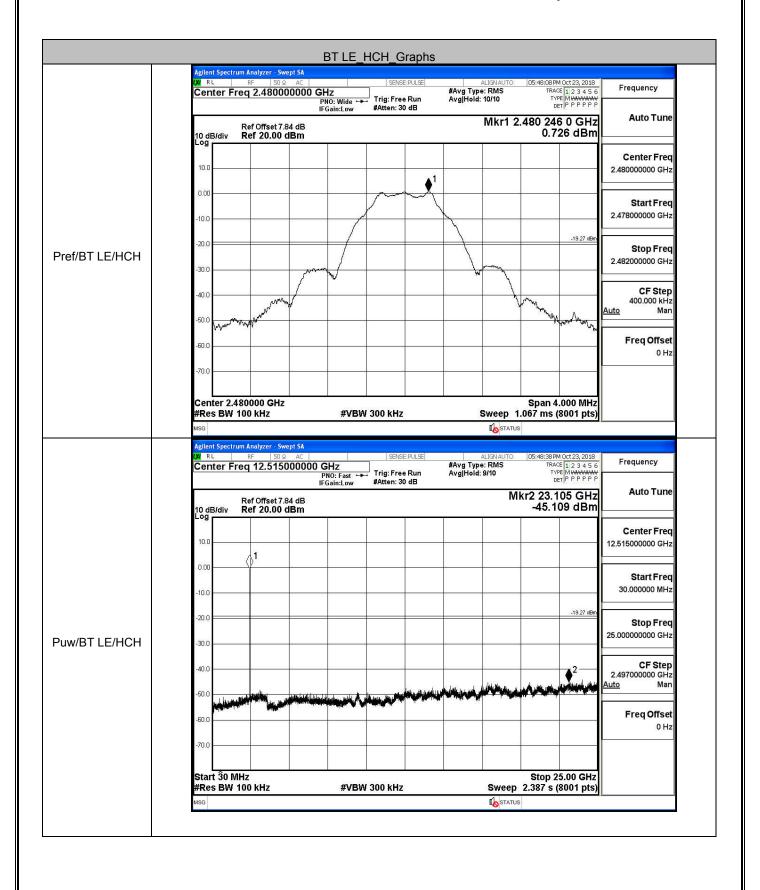
B.5 RF Conducted Spurious Emissions

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Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	0.46	-43.792	-19.540	PASS
BT LE	MCH	0.193	-43.759	-19.807	PASS
BT LE	HCH	0.726	-45.109	-19.274	PASS

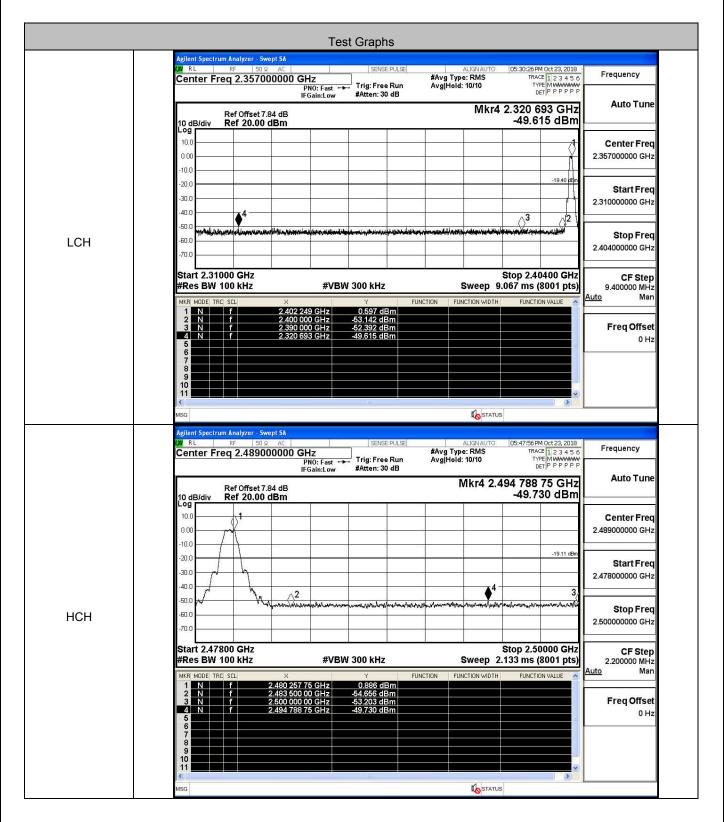






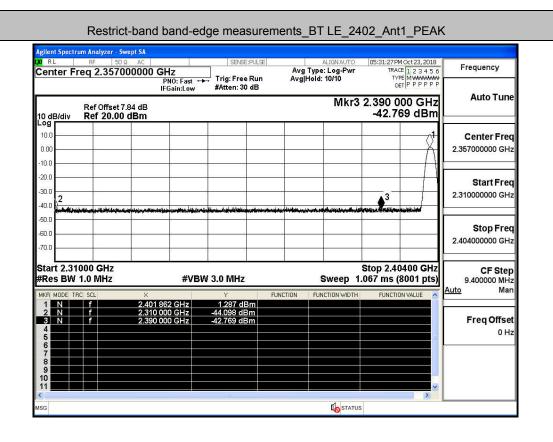
B.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	0.597	-49.615	-19.4	PASS
BT LE	HCH	0.886	-49.730	-19.11	PASS

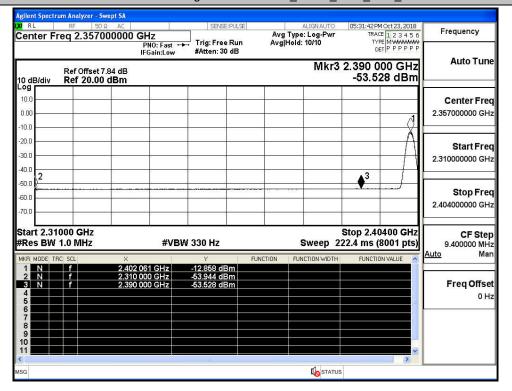


B.7 Restrict-band band-edge measurements

Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdict
		Ant1	2310.0	-44.10	2.0	0	53.13	PEAK	74	PASS
	2402	Ant1	2310.0	-53.94	2.0	0	43.29	AV	54	PASS
BT LE		Ant1	2390.0	-42.77	2.0	0	54.46	PEAK	74	PASS
		Ant1	2390.0	-53.53	2.0	0	43.70	AV	54	PASS
	2480	Ant1	2483.5	-42.21	2.0	0	55.02	PEAK	74	PASS
		Ant1	2483.5	-53.23	2.0	0	44.00	AV	54	PASS
		Ant1	2500.0	-42.51	2.0	0	54.72	PEAK	74	PASS
		Ant1	2500.0	-53.15	2.0	0	44.08	AV	54	PASS

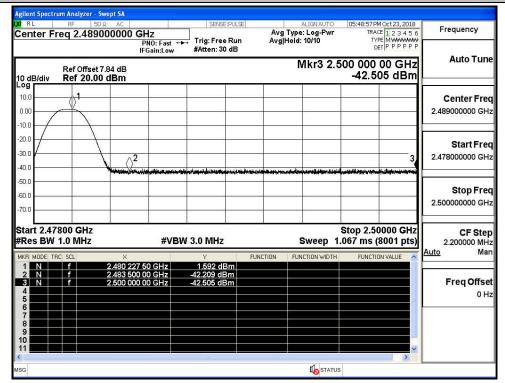


Restrict-band band-edge measurements_BT LE_2402_Ant1_AV



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Restrict-band band-edge measurements_BT LE_2480_Ant1_PEAK



Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

