Appendix B

RF Test Data for BT V4.0(BLE) (Conducted Measurement)

Product Name: GSM/WCDMA Smartphone

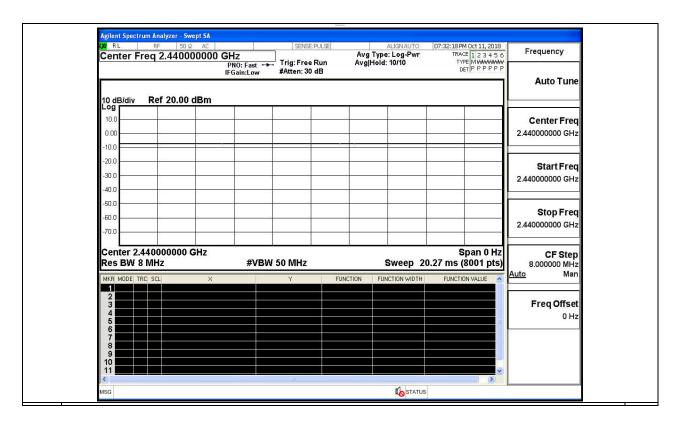
Trade Mark: DOOGEE
Test Model: X11

Environmental Conditions

	
Temperature:	23.8 ° C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Mina.Xu
Supervised by:	Jayden.Zhuo

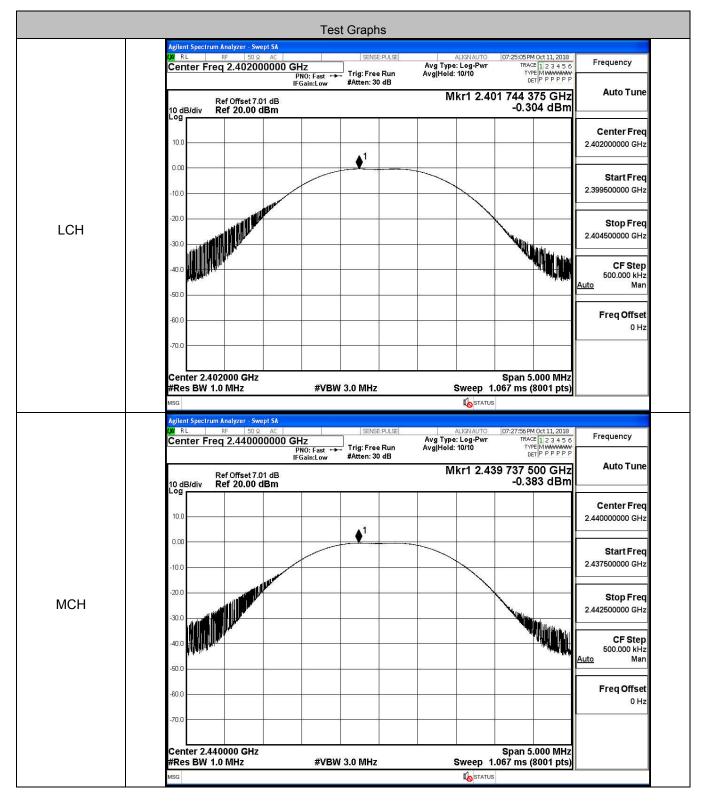
B.1 Duty Cycle

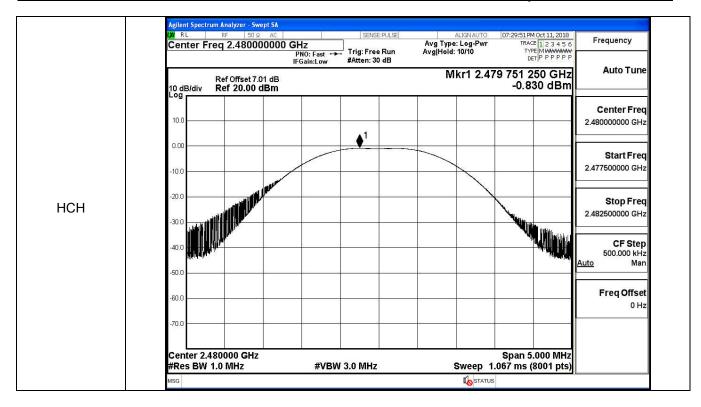
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict	
BT LE	2440	Ant1	100	PASS	



B.2 Maximum Conducted Peak Output Power

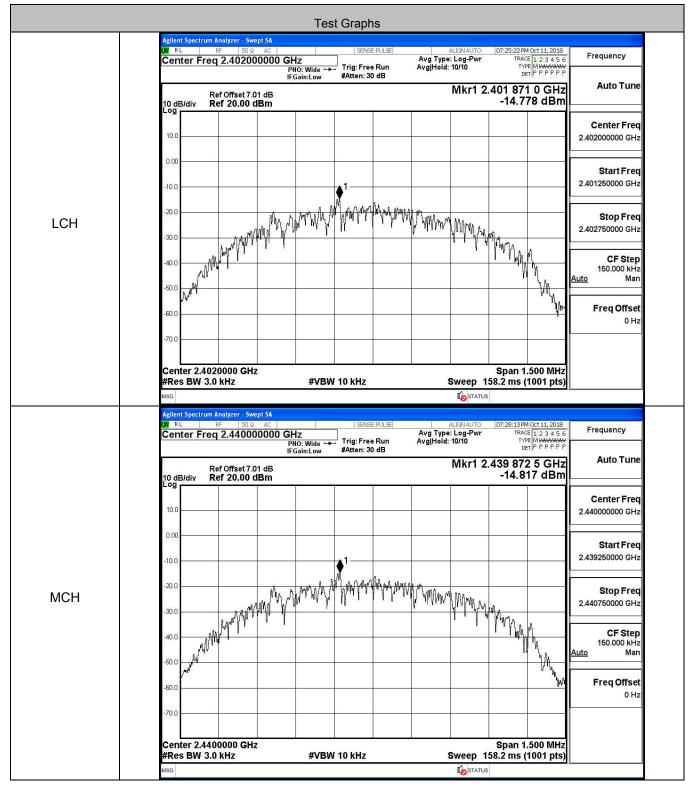
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-0.304	30	PASS
BT LE	MCH	-0.383	30	PASS
BT LE	HCH	-0.83	30	PASS



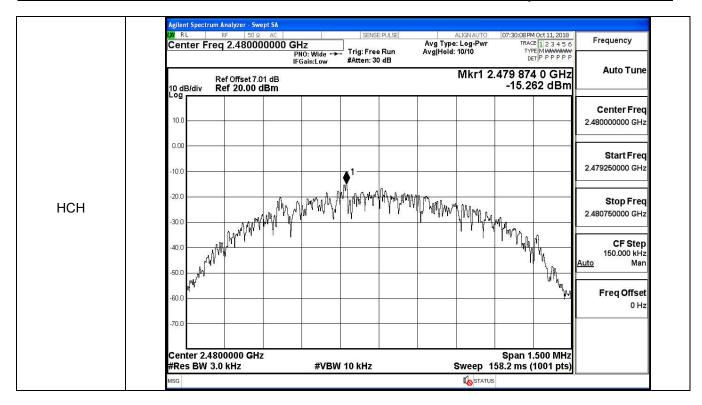


B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-14.778	8	PASS
BT LE	MCH	-14.817	8	PASS
BT LE	НСН	-15.262	8	PASS

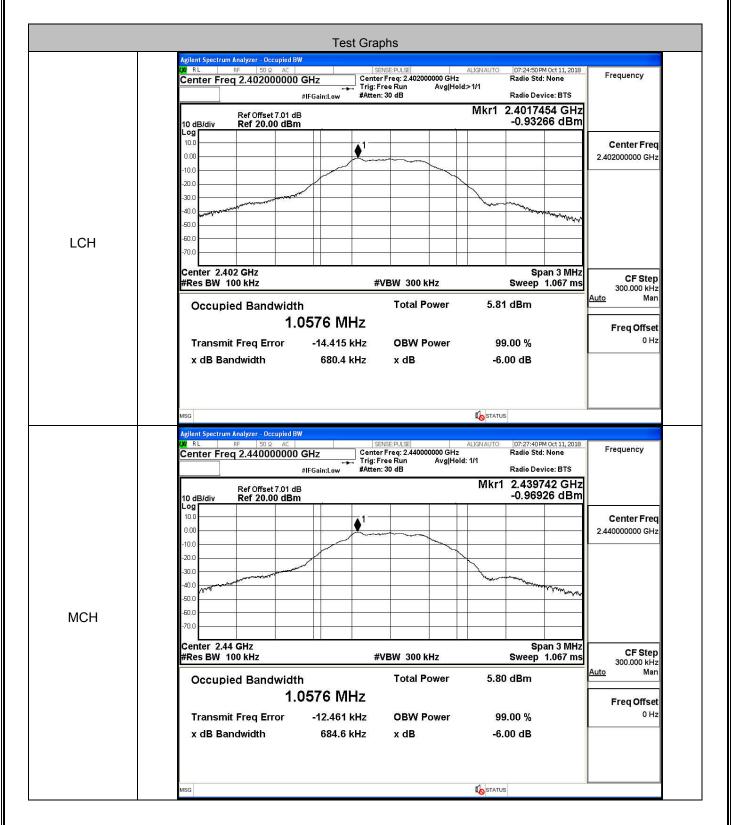


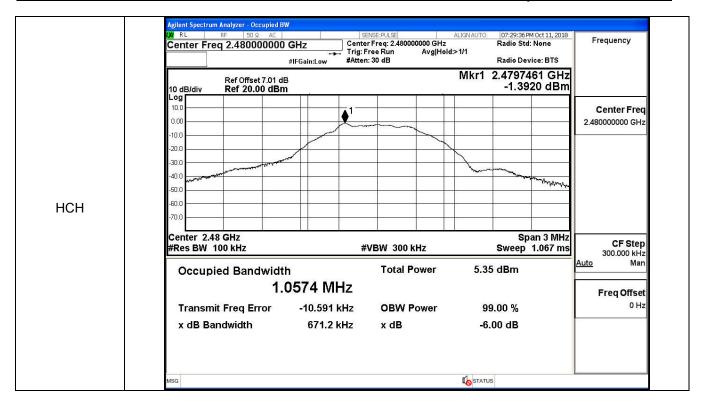
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B.4 6dB Bandwidth

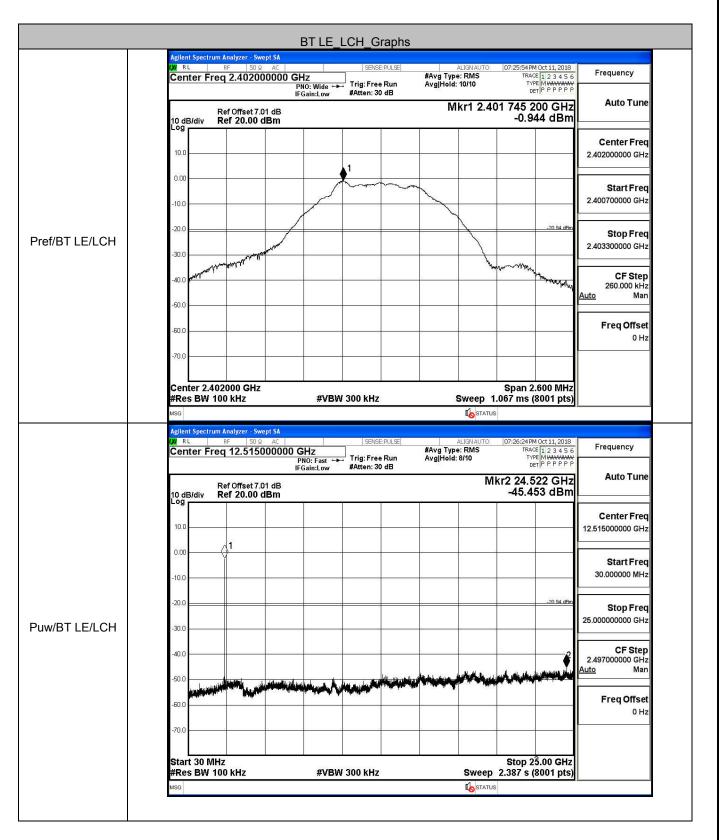
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6804	≥0.5	PASS
BT LE	MCH	0.6846	≥0.5	PASS
BT LE	HCH	0.6712	≥0.5	PASS

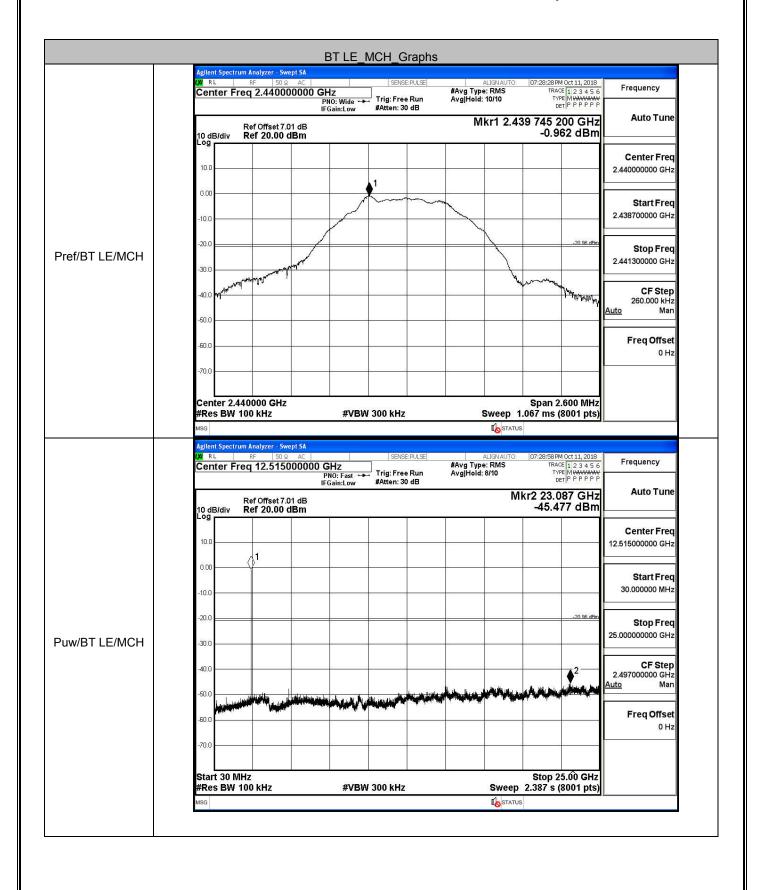


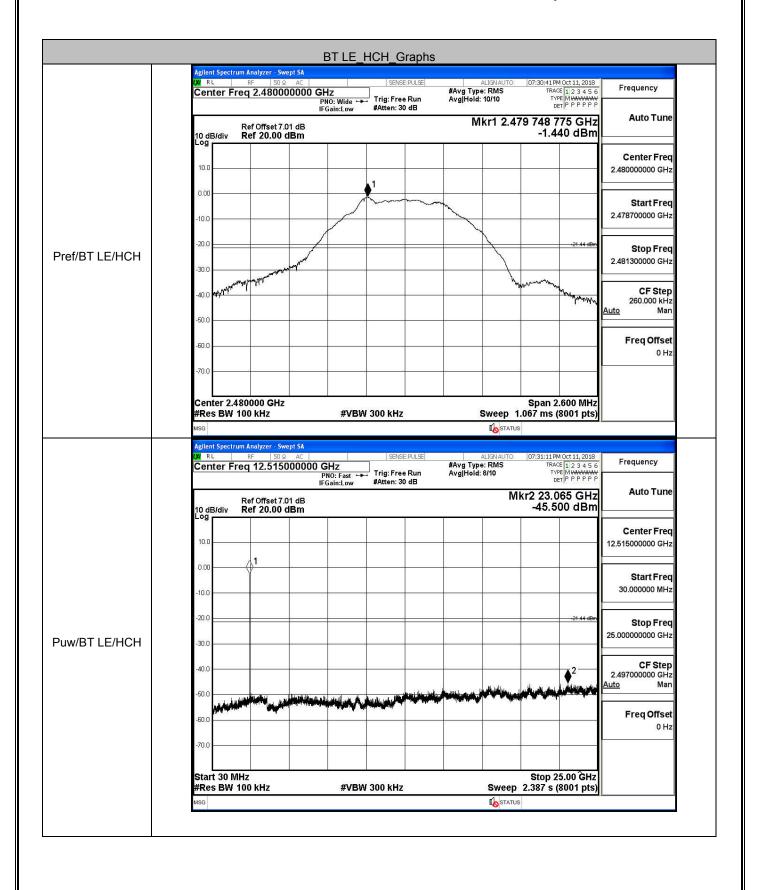


B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-0.944	-45.453	-20.944	PASS
BT LE	MCH	-0.962	-45.477	-20.962	PASS
BT LE	HCH	-1.44	-45.500	-21.440	PASS

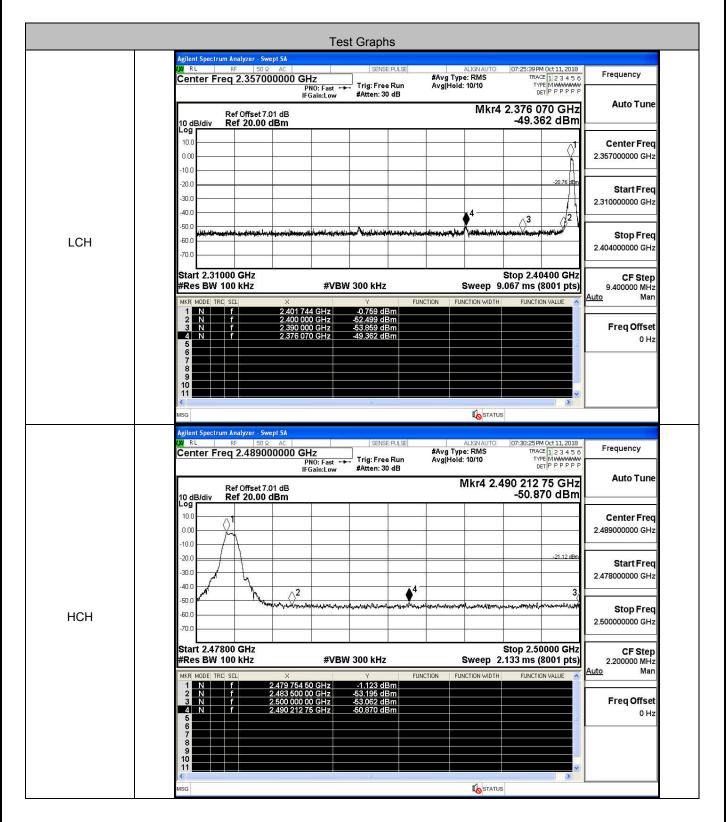






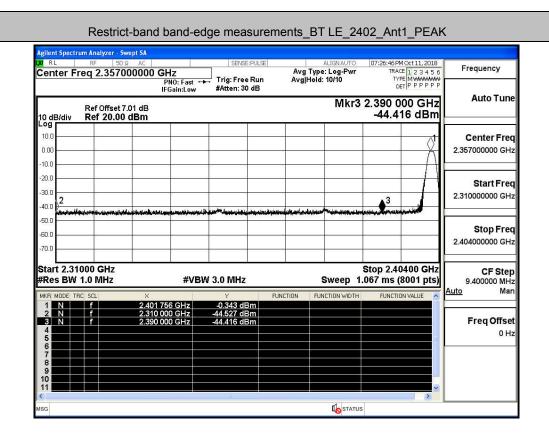
B.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-0.759	-49.362	-20.76	PASS
BT LE	HCH	-1.123	-50.870	-21.12	PASS

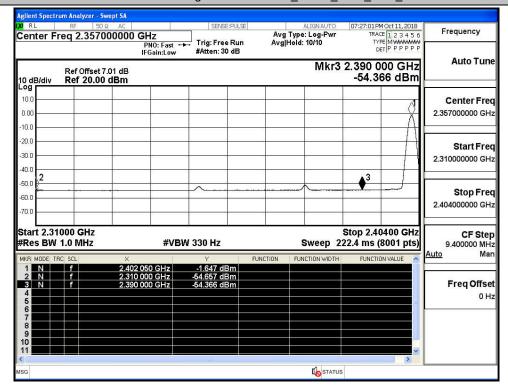


B.7 Restrict-band band-edge measurements

Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdict
		Ant1	2310.0	-44.53	2.0	0	52.70	PEAK	74	PASS
	2402	Ant1	2310.0	-54.66	2.0	0	42.57	AV	54	PASS
BT LE		Ant1	2390.0	-44.42	2.0	0	52.81	PEAK	74	PASS
		Ant1	2390.0	-54.37	2.0	0	42.86	AV	54	PASS
	2480	Ant1	2483.5	-43.81	2.0	0	53.42	PEAK	74	PASS
		Ant1	2483.5	-53.71	2.0	0	43.52	AV	54	PASS
		Ant1	2500.0	-43.92	2.0	0	53.31	PEAK	74	PASS
		Ant1	2500.0	-54.05	2.0	0	43.18	AV	54	PASS

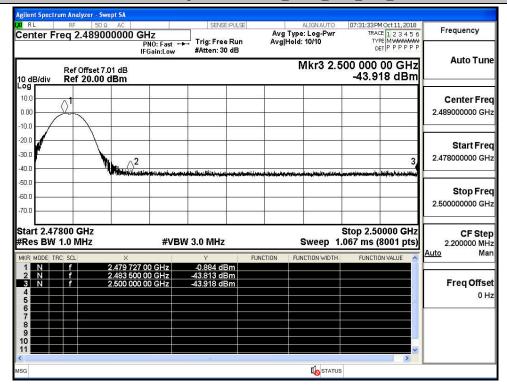


Restrict-band band-edge measurements_BT LE_2402_Ant1_AV



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Restrict-band band-edge measurements_BT LE_2480_Ant1_PEAK



Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

