Appendix B

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

Product Name: LTE GSM/WCDMA Smartphone

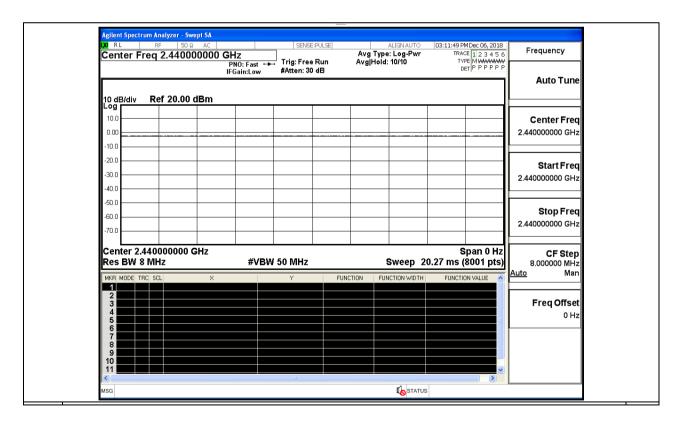
Trade Mark: DOOGEE Test Model: S70 Lite

Environmental Conditions

Temperature:	22.8 ° C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Mina.Xu
Supervised by:	Jayden.Zhuo

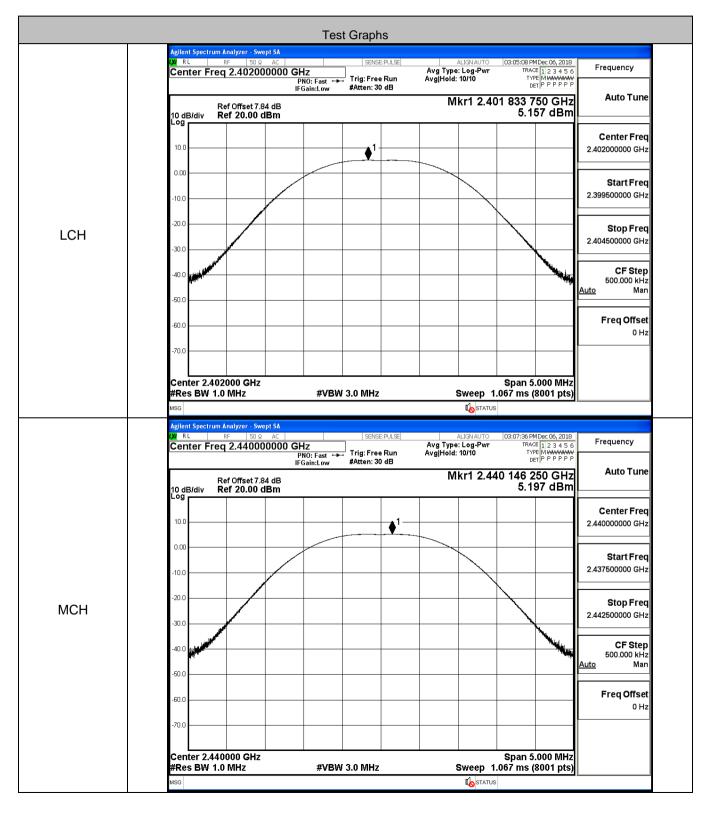
B.1 Duty Cycle

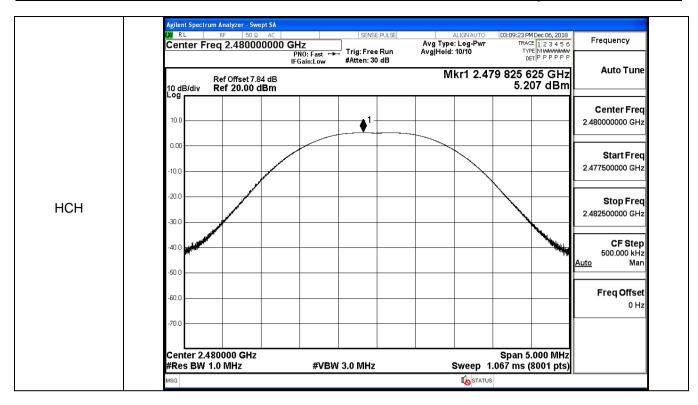
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict	
BT LE	2440	Ant1	100	PASS	



B.2 Maximum Conducted Peak Output Power

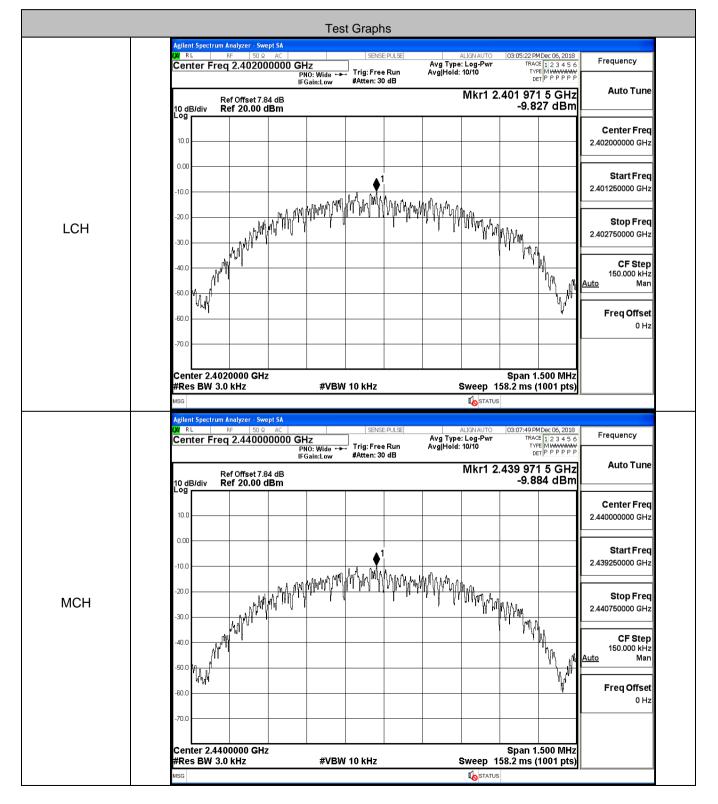
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	5.157	30	PASS
BT LE	MCH	5.197	30	PASS
BT LE	HCH	5.207	30	PASS



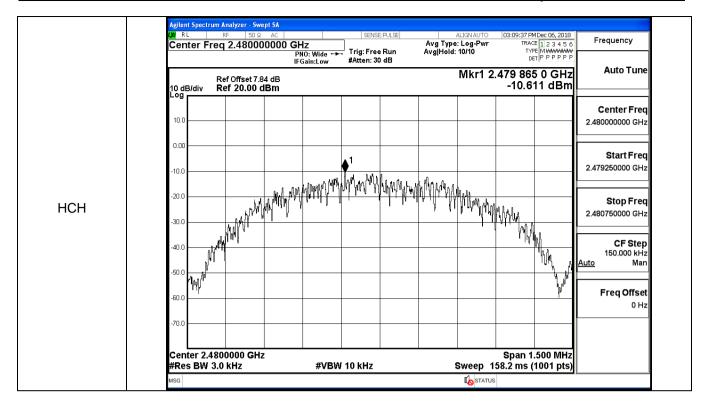


B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-9.827	8	PASS
BT LE	MCH	-9.884	8	PASS
BT LE	НСН	-10.611	8	PASS

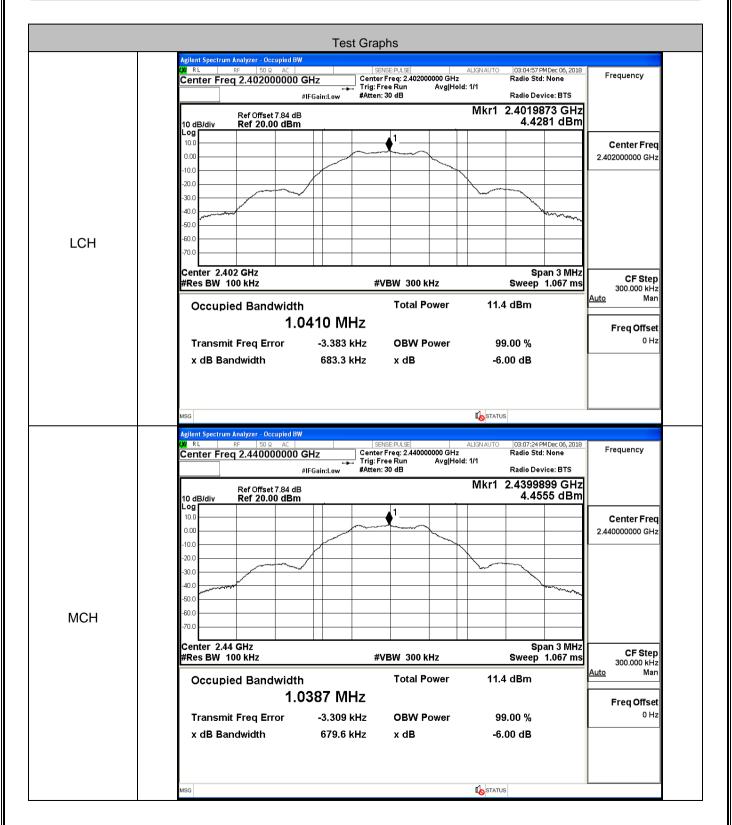


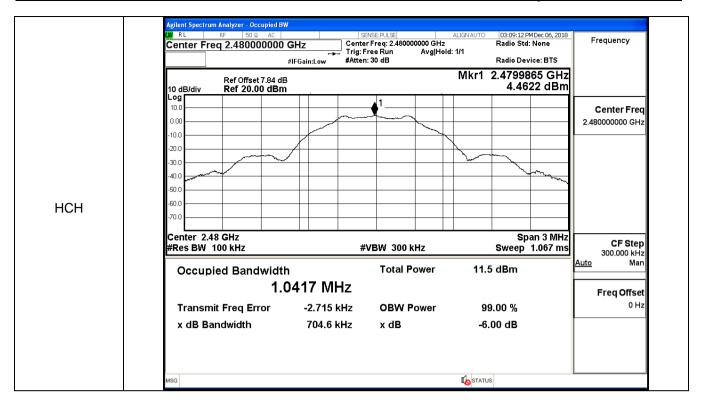
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B.4 6dB Bandwidth

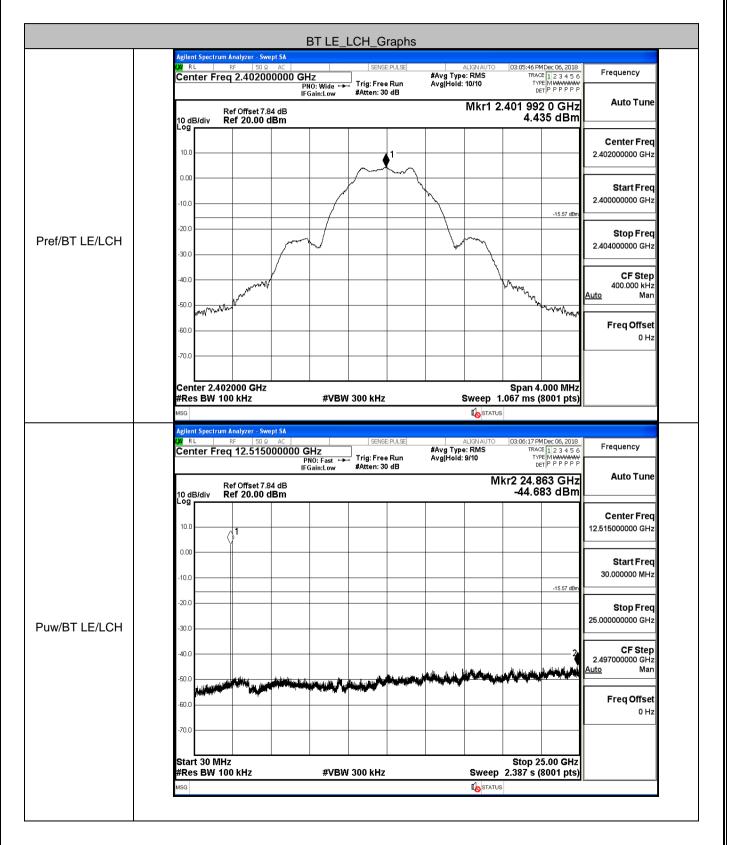
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6833	≥0.5	PASS
BT LE	MCH	0.6796	≥0.5	PASS
BT LE	HCH	0.7046	≥0.5	PASS

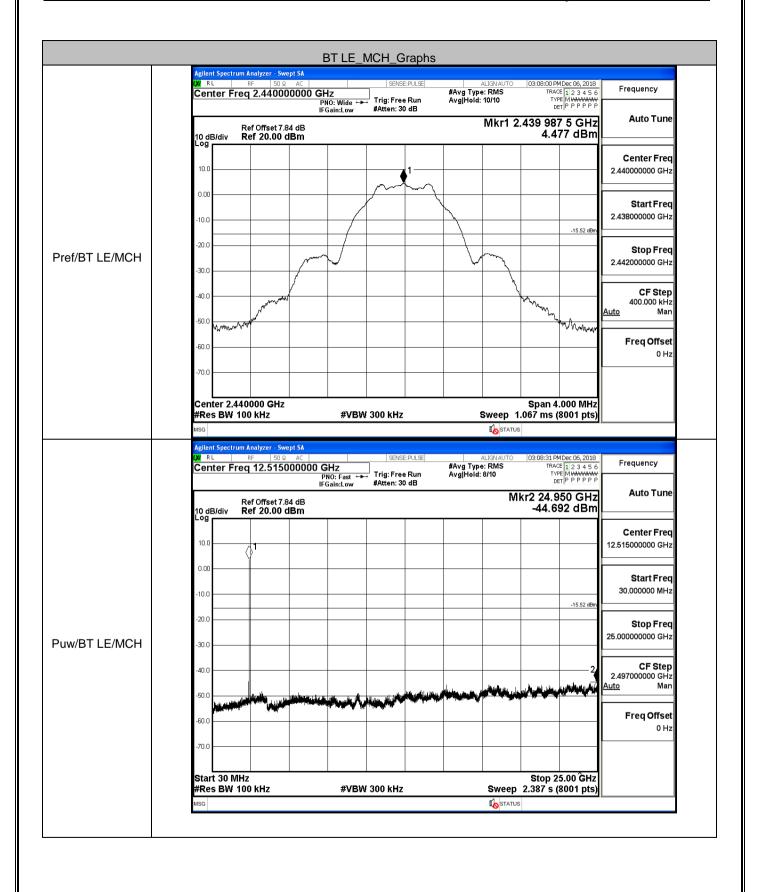


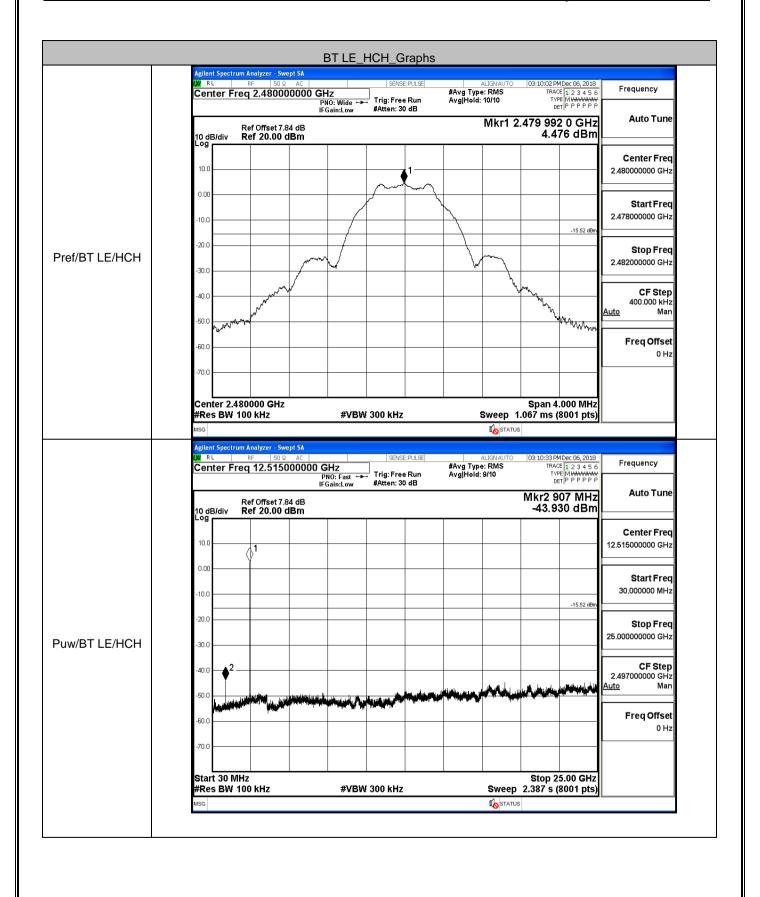


B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	4.435	-44.683	-15.565	PASS
BT LE	МСН	4.477	-44.692	-15.523	PASS
BT LE	HCH	4.476	-43.930	-15.524	PASS

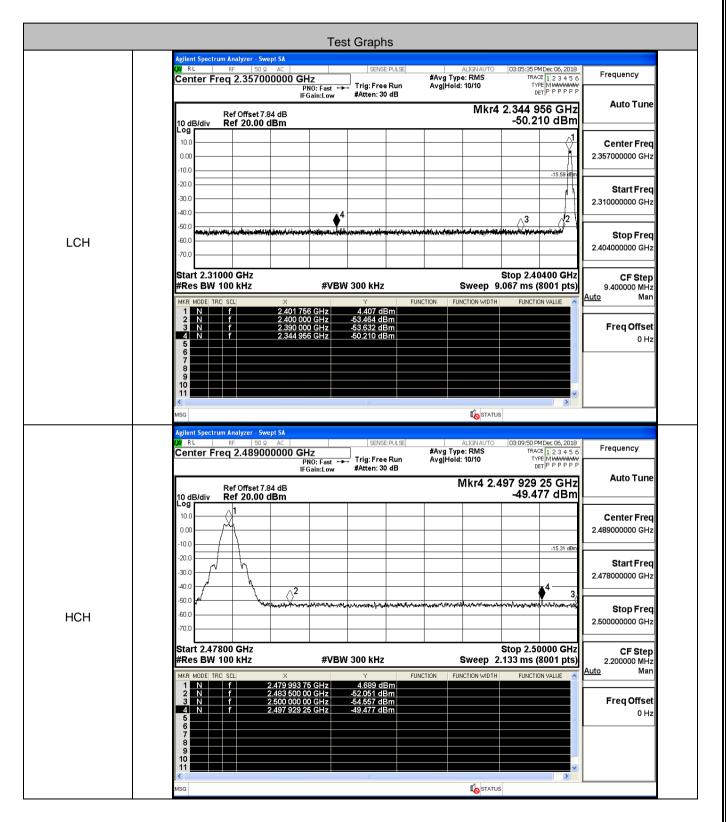






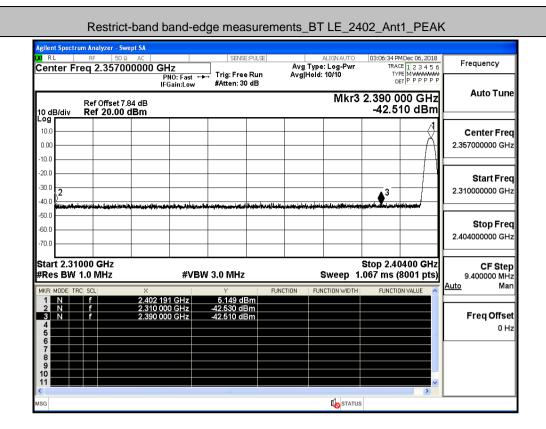
B.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	4.407	-50.210	-15.59	PASS
BT LE	HCH	4.689	-49.477	-15.31	PASS

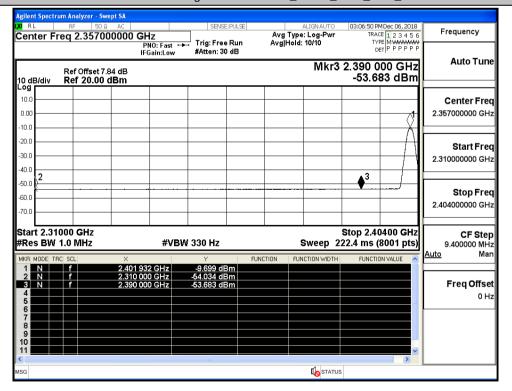


B.7 Restrict-band band-edge measurements

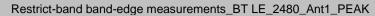
Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
		Ant1	2310.0	-42.53	2.0	0	54.73	PEAK	74	PASS
	2402	Ant1	2310.0	-54.03	2.0	0	43.22	AV	54	PASS
BT LE		Ant1	2390.0	-42.51	2.0	0	54.75	PEAK	74	PASS
		Ant1	2390.0	-53.68	2.0	0	43.57	AV	54	PASS
	2480	Ant1	2483.5	-43.88	2.0	0	53.38	PEAK	74	PASS
		Ant1	2483.5	-53.22	2.0	0	44.04	AV	54	PASS
		Ant1	2500.0	-43.06	2.0	0	54.20	PEAK	74	PASS
		Ant1	2500.0	-53.24	2.0	0	44.02	AV	54	PASS

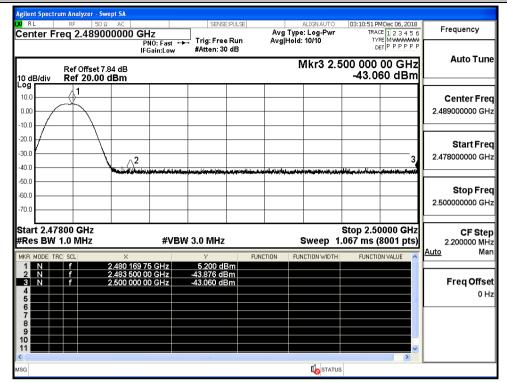


Restrict-band band-edge measurements_BT LE_2402_Ant1_AV



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Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

