Appendix B

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

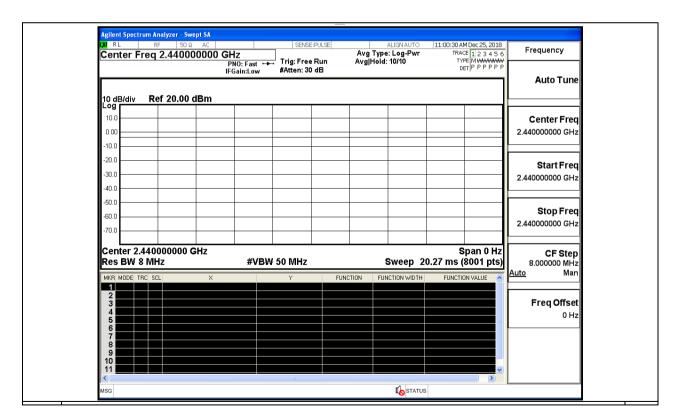
Product Name: Smart Phone Test Model: W55s

Environmental Conditions

Temperature:	23.5 ° C
Relative Humidity:	54.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Mina Xu
Supervised by:	Jayden Zhuo

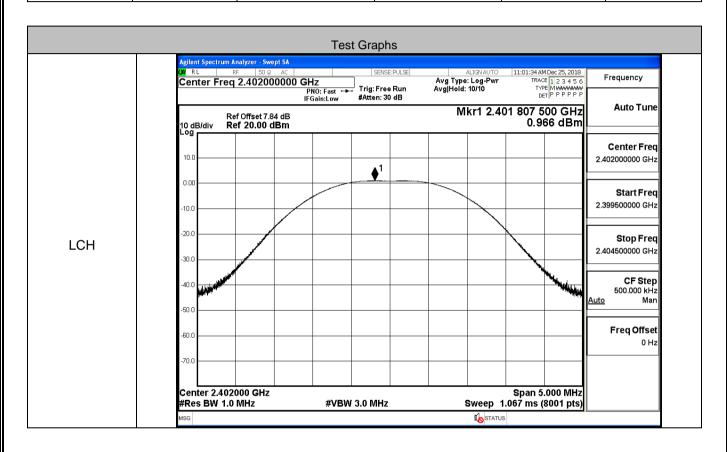
B.1 Duty Cycle

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



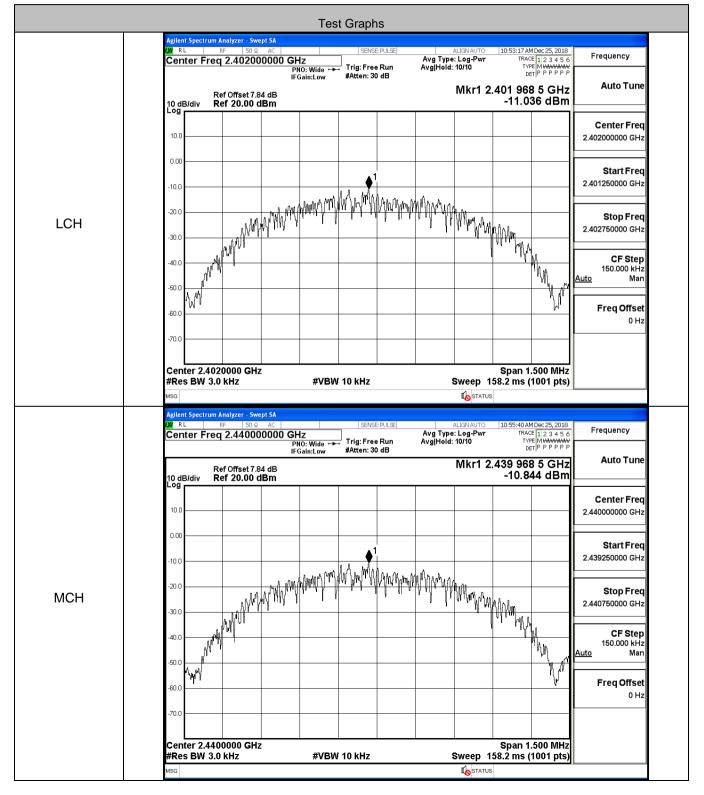
B.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Conduct Average Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	0.966	0.744	30	PASS
BT LE	MCH	1.114	0.950	30	PASS
BT LE	НСН	1.054	0.845	30	PASS

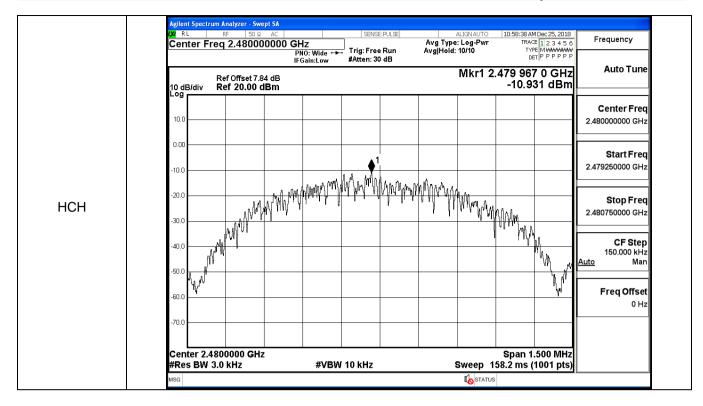


B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-11.036	8	PASS
BT LE	MCH	-10.844	8	PASS
BT LE	НСН	-10.931	8	PASS

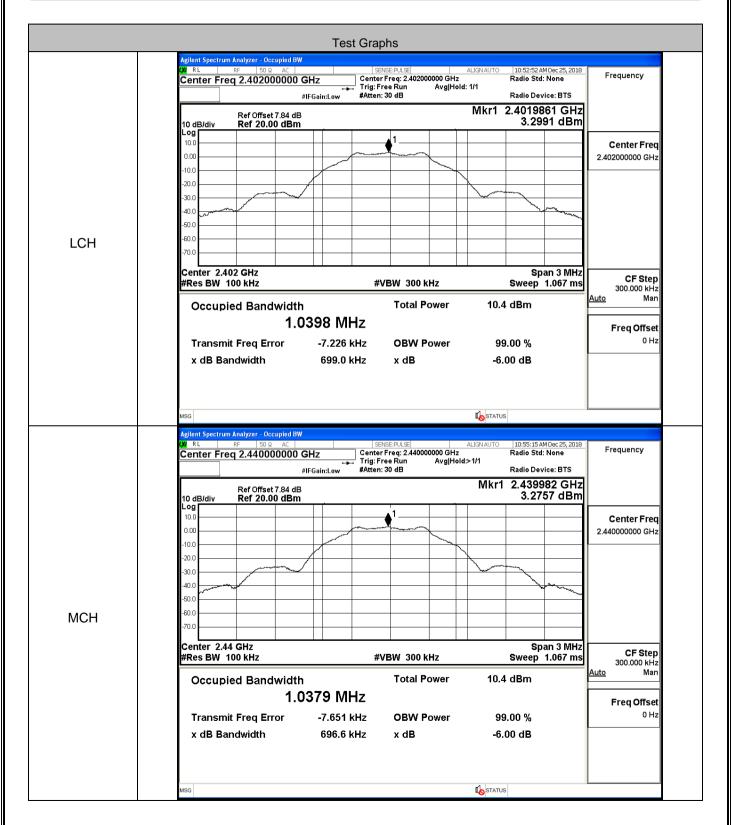


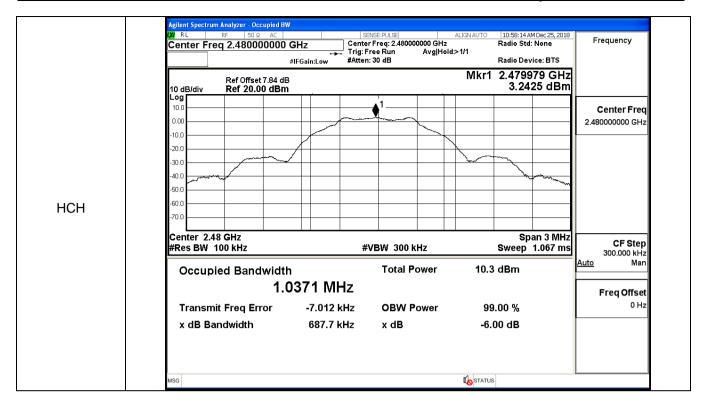
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B.4 6dB Bandwidth

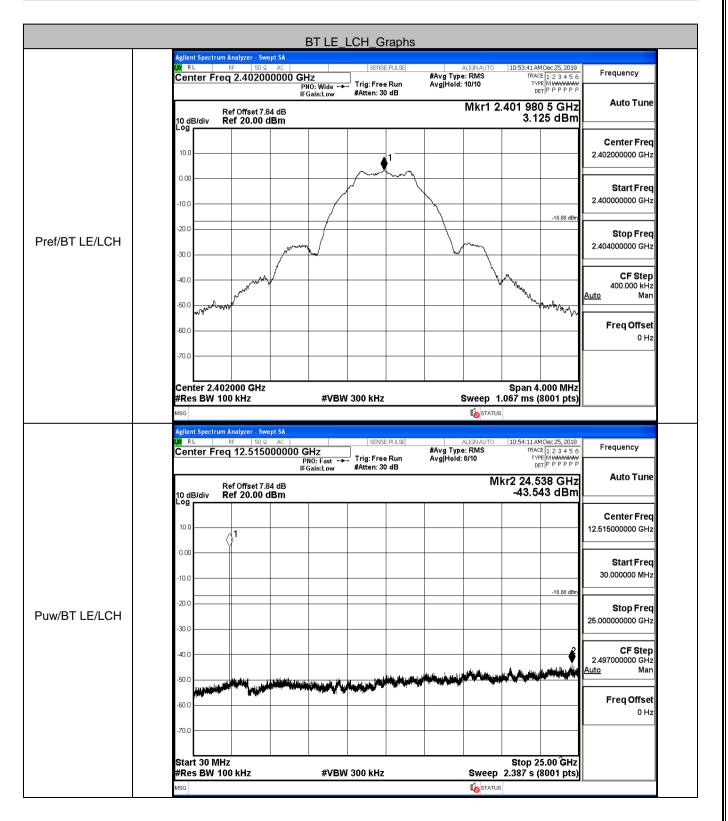
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6990	≥0.5	PASS
BT LE	MCH	0.6966	≥0.5	PASS
BT LE	HCH	0.6877	≥0.5	PASS

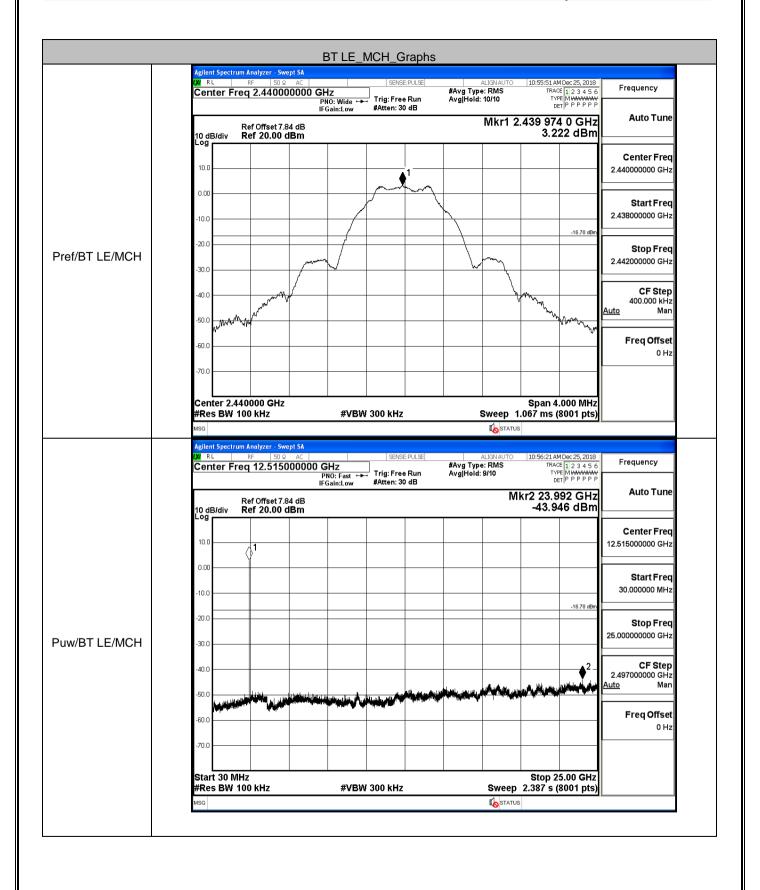


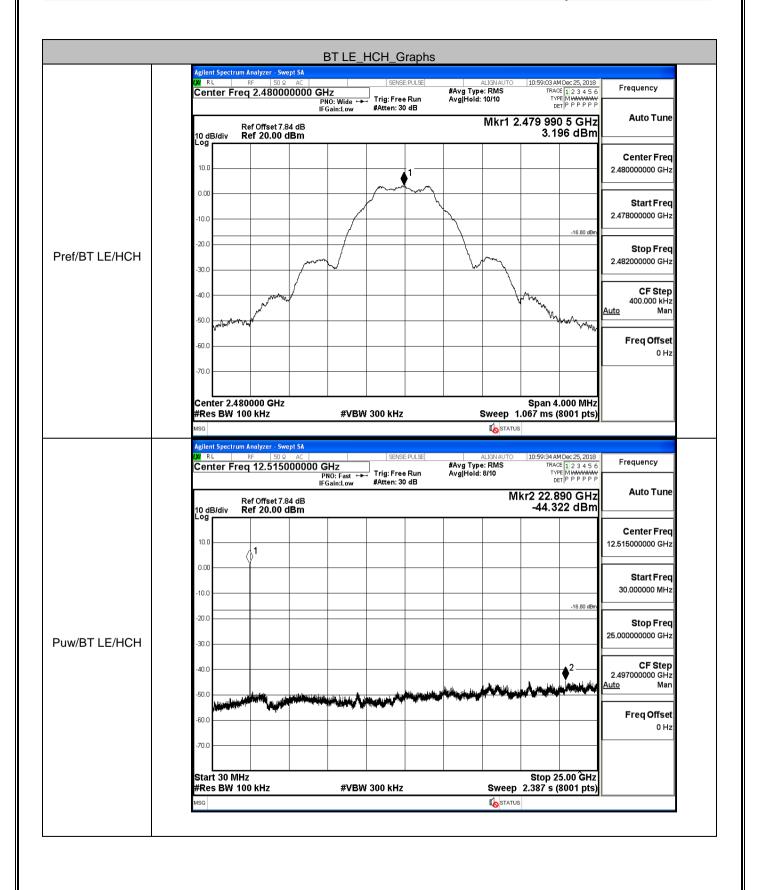


B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	3.125	-43.543	-16.875	PASS
BT LE	MCH	3.222	-43.946	-16.778	PASS
BT LE	НСН	3.196	-44.322	-16.804	PASS

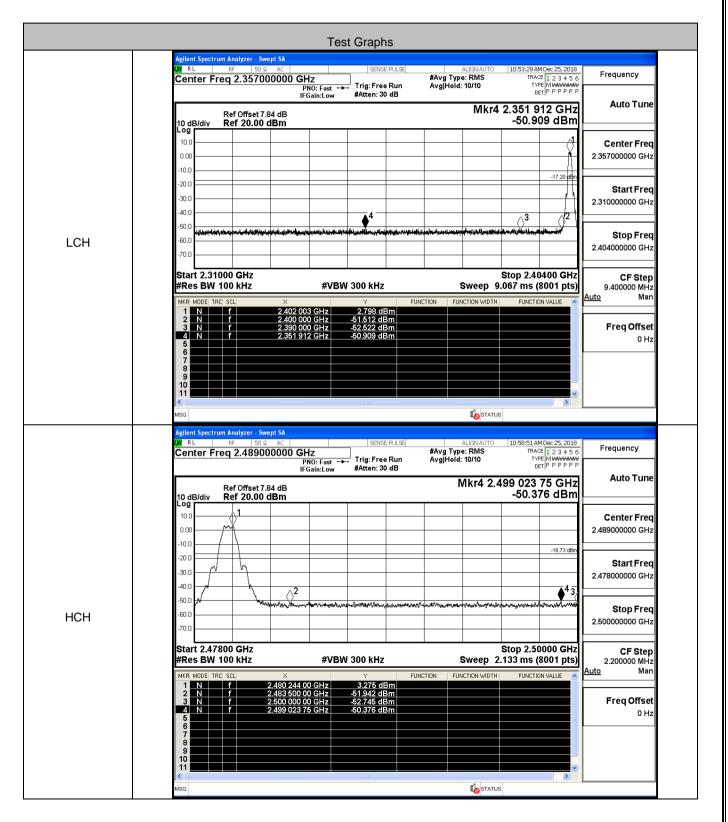






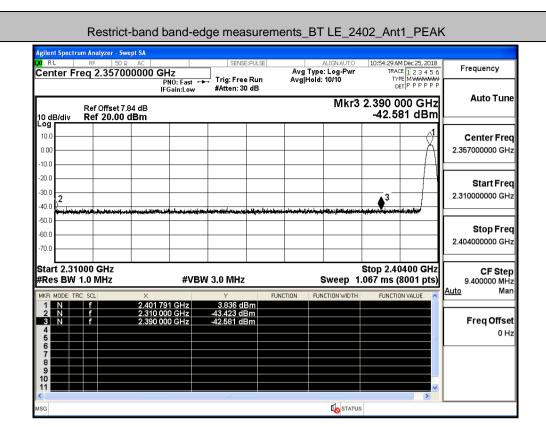
B.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	2.798	-50.909	-17.2	PASS
BT LE	HCH	3.275	-50.376	-16.73	PASS

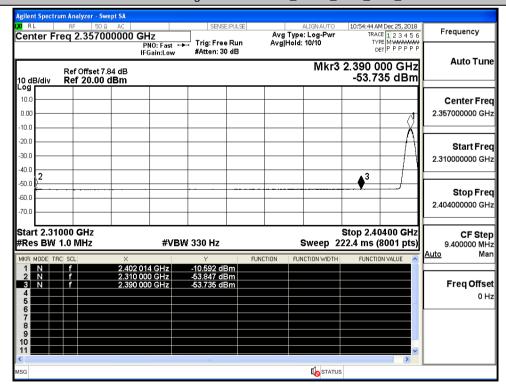


B.7 Restrict-band band-edge measurements

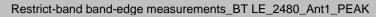
Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
		Ant1	2310.0	-43.42	2.0	0	53.83	PEAK	74	PASS
		Ant1	2310.0	-53.85	2.0	0	43.41	AV	54	PASS
	2402	Ant1	2390.0	-42.58	2.0	0	54.68	PEAK	74	PASS
		Ant1	2390.0	-53.74	2.0	0	43.52	AV	54	PASS
BT LE		Ant1	2483.5	-43.10	2.0	0	54.16	PEAK	74	PASS
	2480	Ant1	2483.5	-53.43	2.0	0	43.82	AV	54	PASS
		Ant1	2500.0	-42.94	2.0	0	54.32	PEAK	74	PASS
		Ant1	2500.0	-53.30	2.0	0	43.95	AV	54	PASS

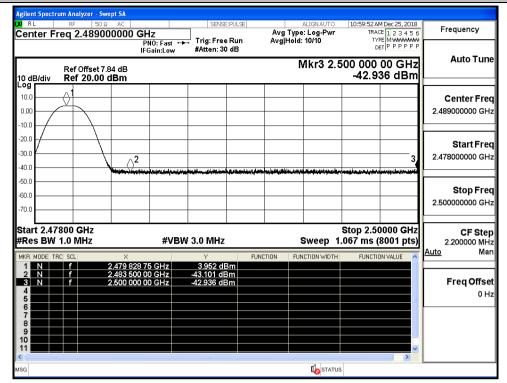


Restrict-band band-edge measurements_BT LE_2402_Ant1_AV



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Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

