Appendix B

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

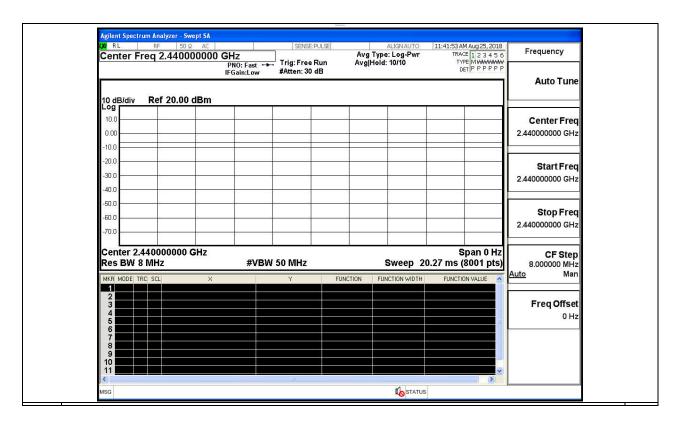
Product Name: Retro
Trade Mark: Monster
Test Model: MNRETRO-DW

Environmental Conditions

Temperature:	23.5 ° C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Jayden.Zhuo

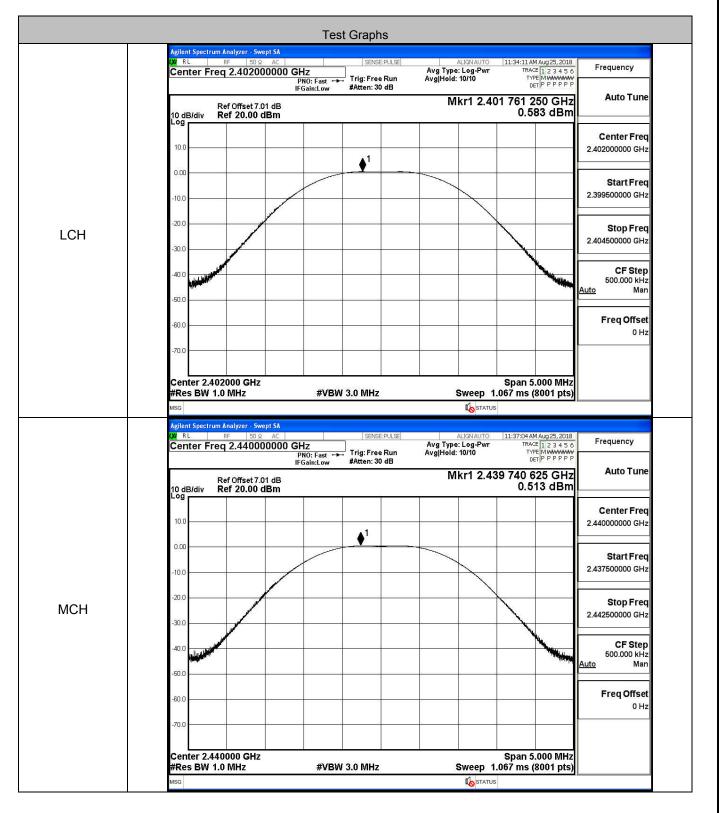
B.1 Duty Cycle

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

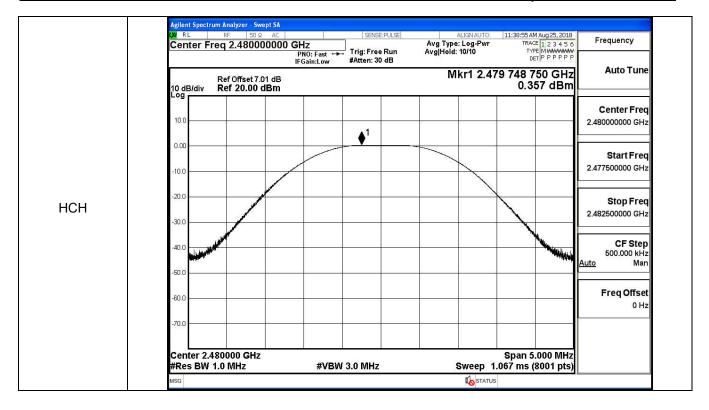


B.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	0.583	30	PASS
BT LE	MCH	0.513	30	PASS
BT LE	HCH	0.357	30	PASS

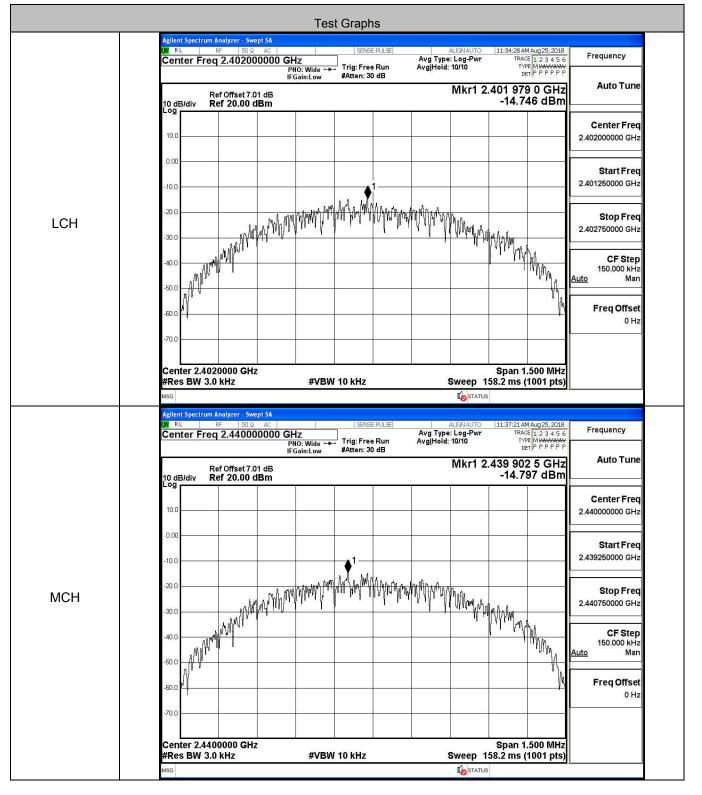


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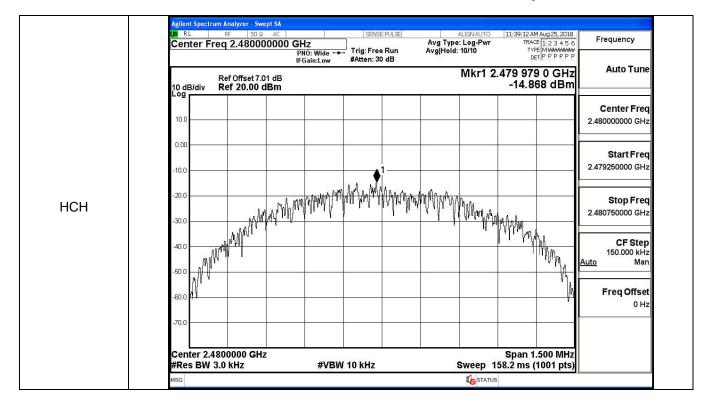


B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-14.746	8	PASS
BT LE	MCH	-14.797	8	PASS
BT LE	НСН	-14.868	8	PASS

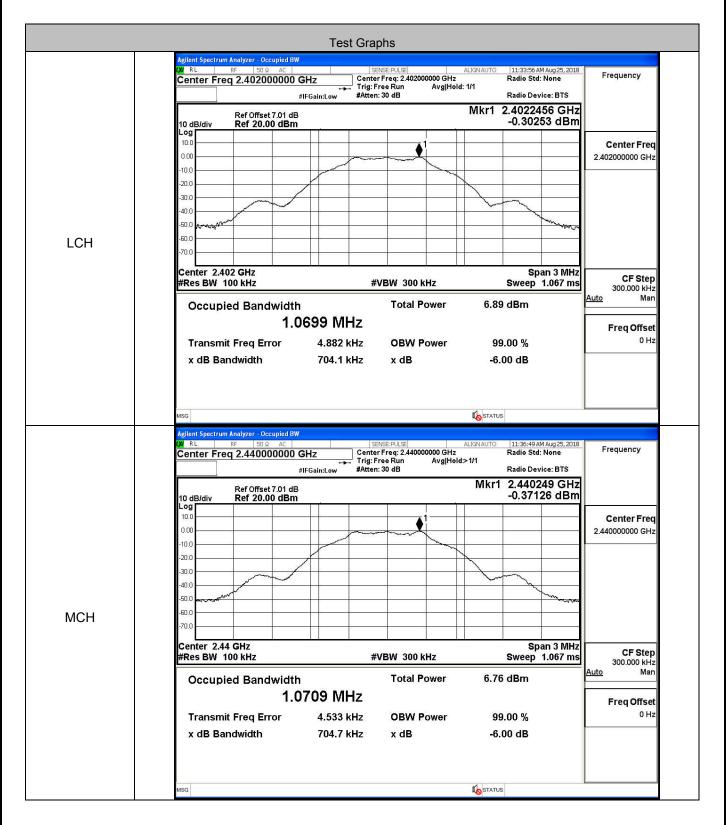


SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AAIN-MNRETRO-DW Report No.: LCS180806116AEB

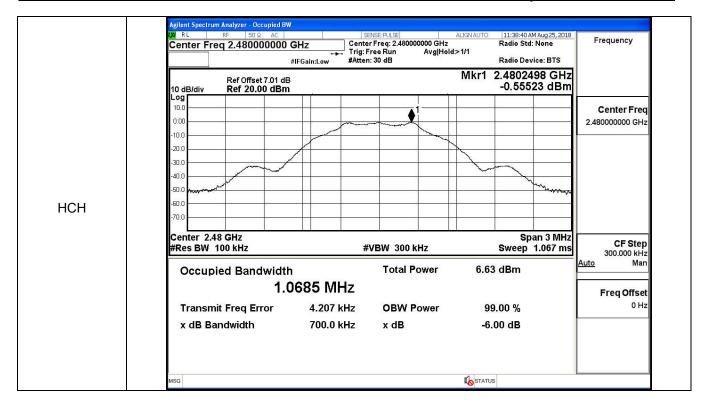


B.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.7041	≥0.5	PASS
BT LE	MCH	0.7047	≥0.5	PASS
BT LE	HCH	0.7000	≥0.5	PASS

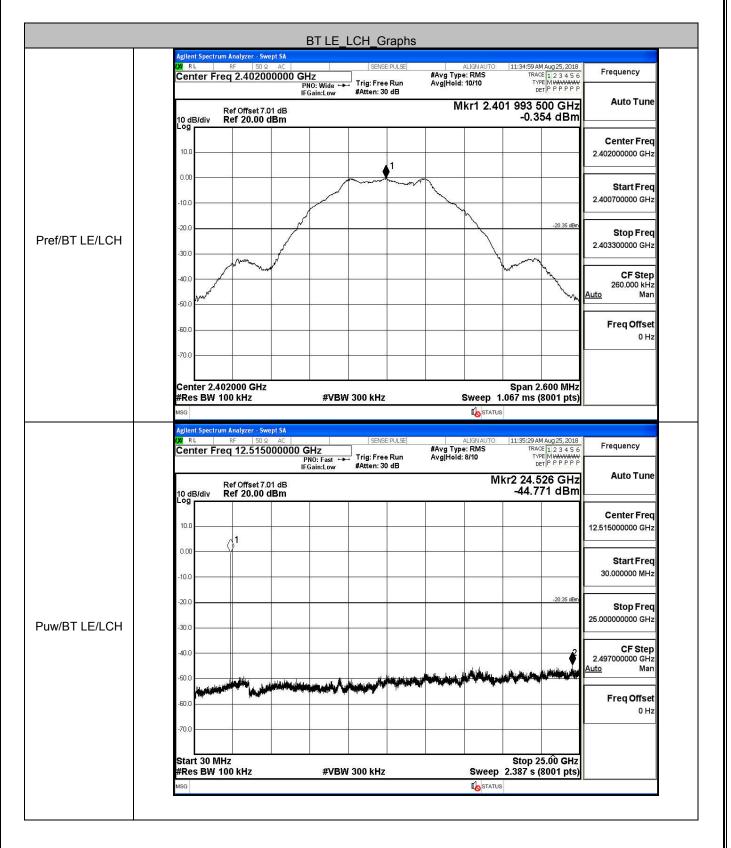


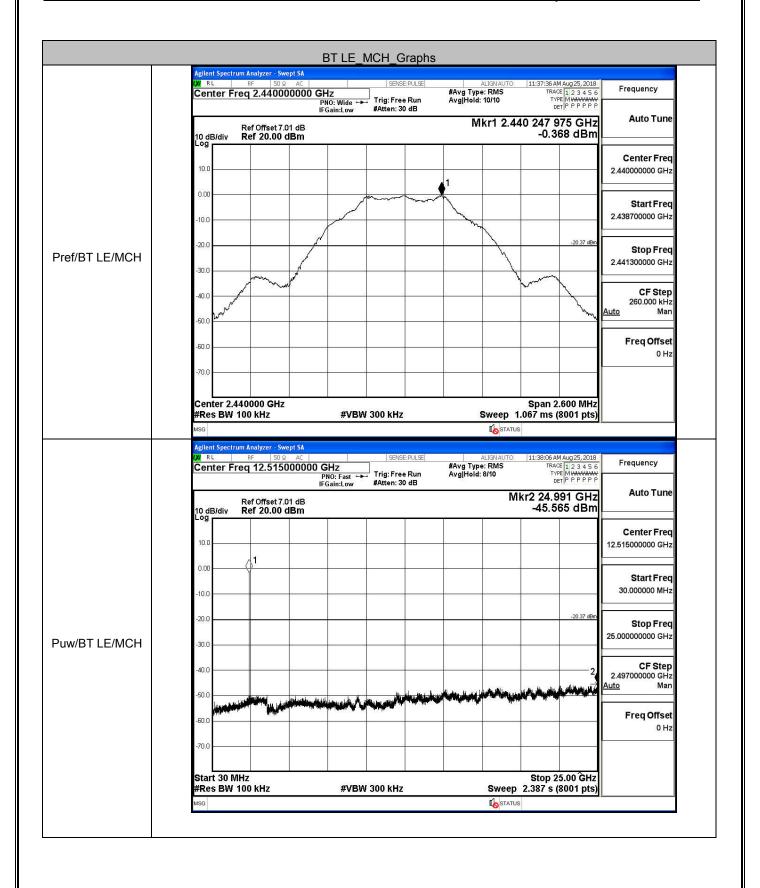
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AAIN-MNRETRO-DW Report No.: LCS180806116AEB

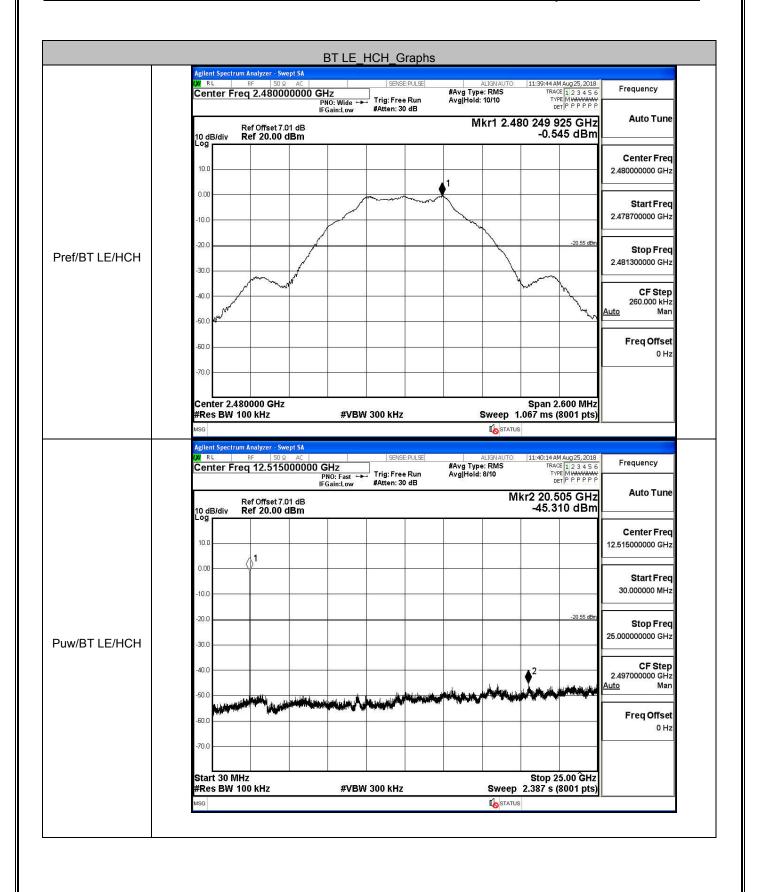


B.5 RF Conducted Spurious Emissions

Mode	Channel	el Pref [dBm] Max. Level [dBm]		Limit [dBm]	Verdict
BT LE	LCH	-0.354	-44.771	-20.354	PASS
BT LE	МСН	-0.368	-45.565	-20.368	PASS
BT LE	НСН	-0.545	-45.310	-20.545	PASS

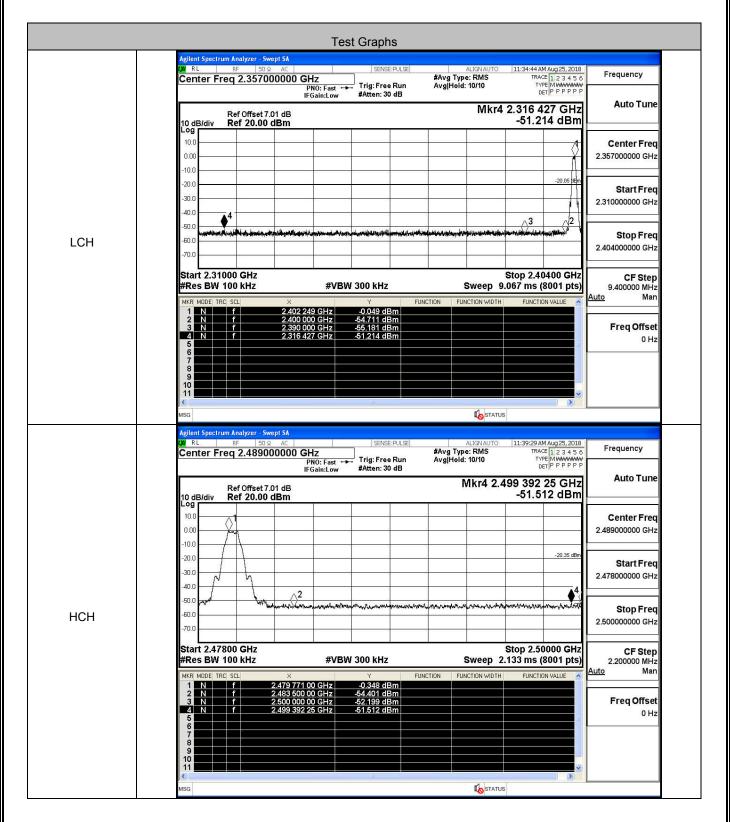






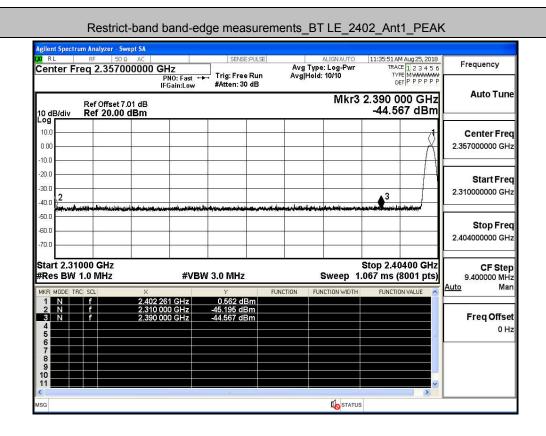
B.6 Band-edge for RF Conducted Emissions

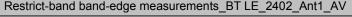
Mode	Channel	Channel Carrier Power[dBm] Max.Spurious Level [dBm]		Limit [dBm]	Verdict
BT LE	LCH	-0.049	-51.214	-20.05	PASS
BT LE	HCH	-0.348	-51.512	-20.35	PASS

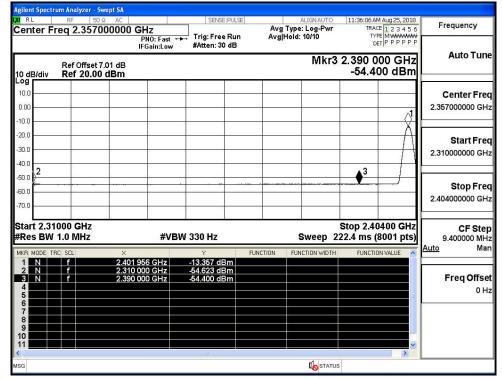


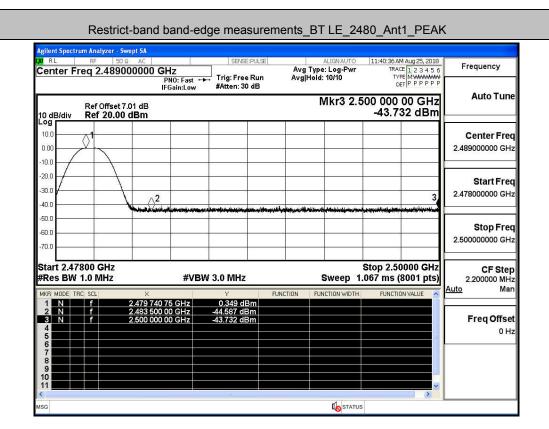
B.7 Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
		Ant1	2310.0	-45.20	2.0	0	52.03	PEAK	74	PASS
		Ant1	2310.0	-54.62	2.0	0	42.61	AV	54	PASS
	2402	Ant1	2390.0	-44.57	2.0	0	52.66	PEAK	74	PASS
		Ant1	2390.0	-54.40	2.0	0	42.83	AV	54	PASS
BT LE	2480	Ant1	2483.5	-44.59	2.0	0	52.64	PEAK	74	PASS
		Ant1	2483.5	-54.21	2.0	0	43.02	AV	54	PASS
		Ant1	2500.0	-43.73	2.0	0	53.50	PEAK	74	PASS
		Ant1	2500.0	-54.11	2.0	0	43.12	AV	54	PASS









Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

