Appendix B

RF Test Data for BT V5.0(BLE) (Conducted Measurement)

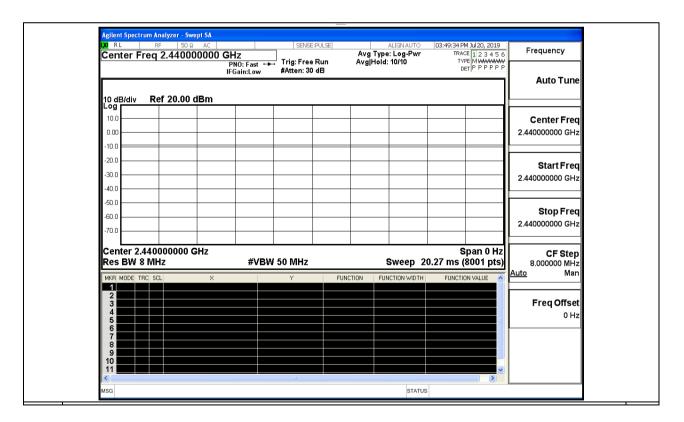
Product Name: Urbanista Sydney
Trade Mark: Urbanista
Test Model: Urbanista Sydney

Environmental Conditions

Temperature:	23.9° C
Relative Humidity:	52.9%
ATM Pressure:	100.0 kPa
Test Engineer:	JERRY ZENG
Supervised by:	Wang.Chuang

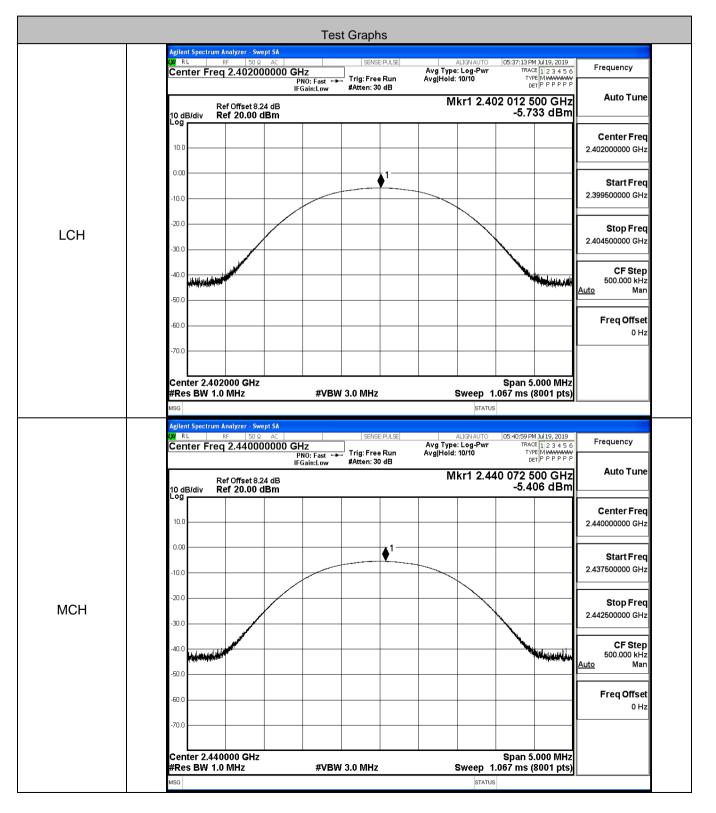
B.1 Duty Cycle

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

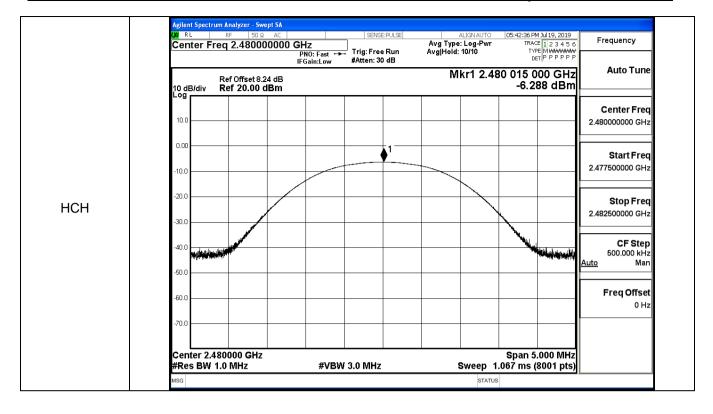


B.2 Maximum Conducted Peak Output Power

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-5.733	30	PASS
BT LE	MCH	-5.406	30	PASS
BT LE	HCH	-6.288	30	PASS

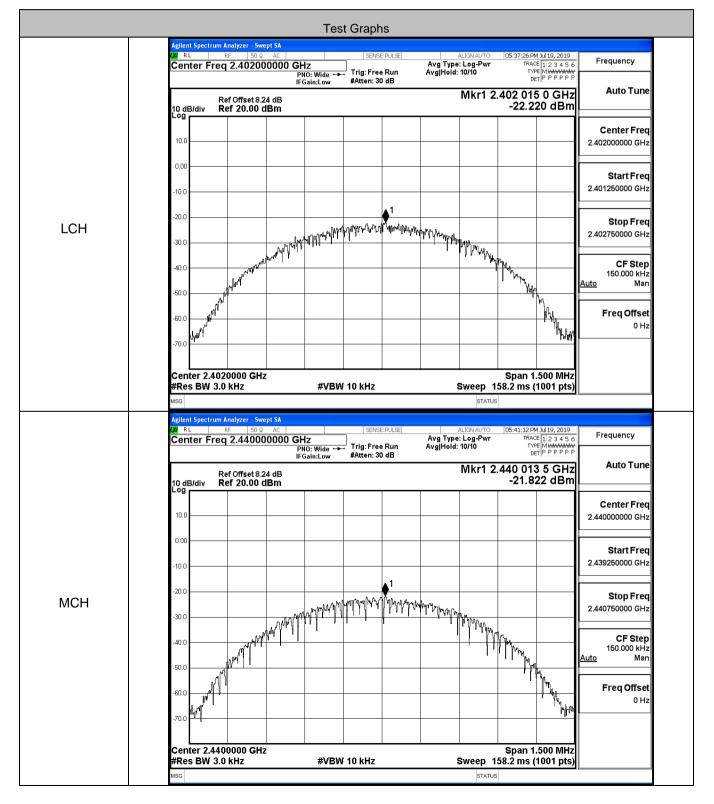


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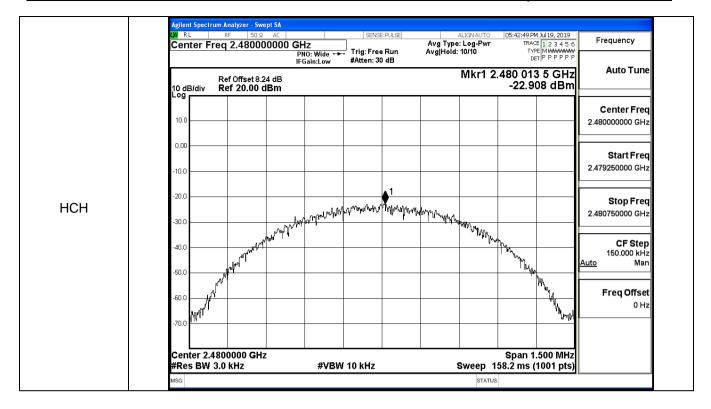
B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-22.220	8	PASS
BT LE	MCH	-21.822	8	PASS
BT LE	НСН	-22.908	8	PASS



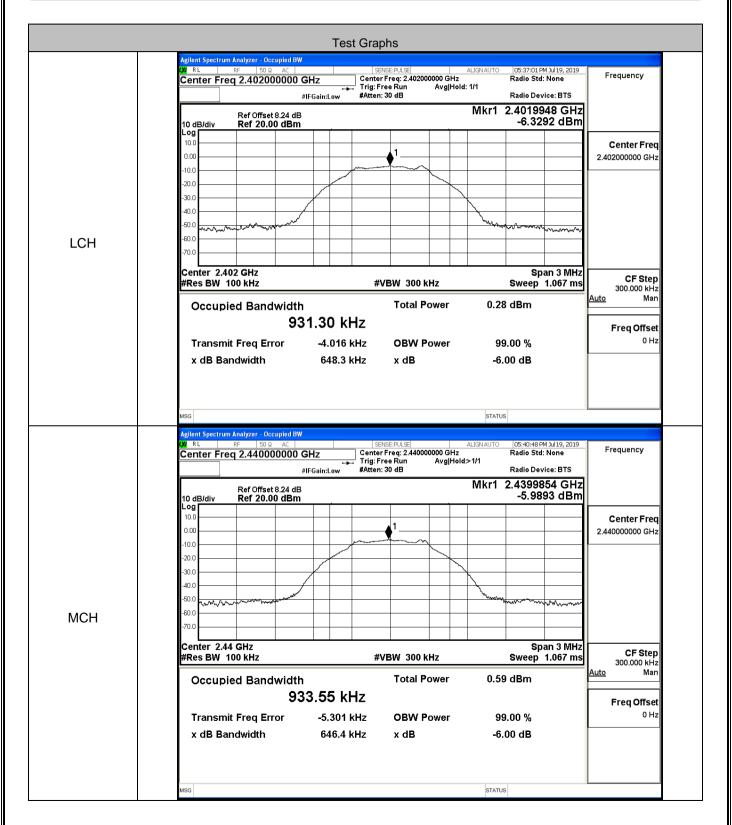
Page 4 of 14

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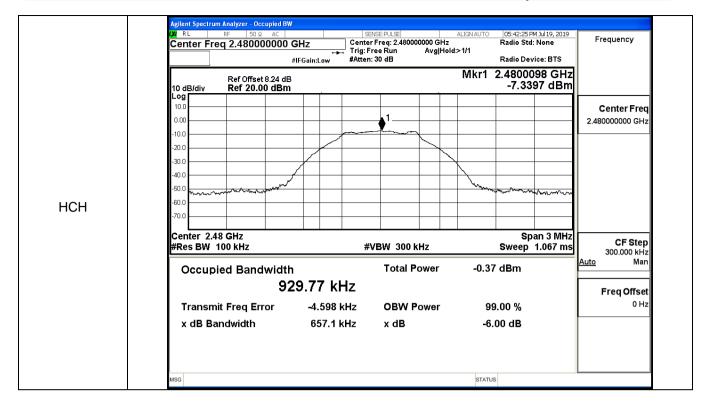


B.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6483	≥0.5	PASS
BT LE	MCH	0.6464	≥0.5	PASS
BT LE	HCH	0.6571	≥0.5	PASS

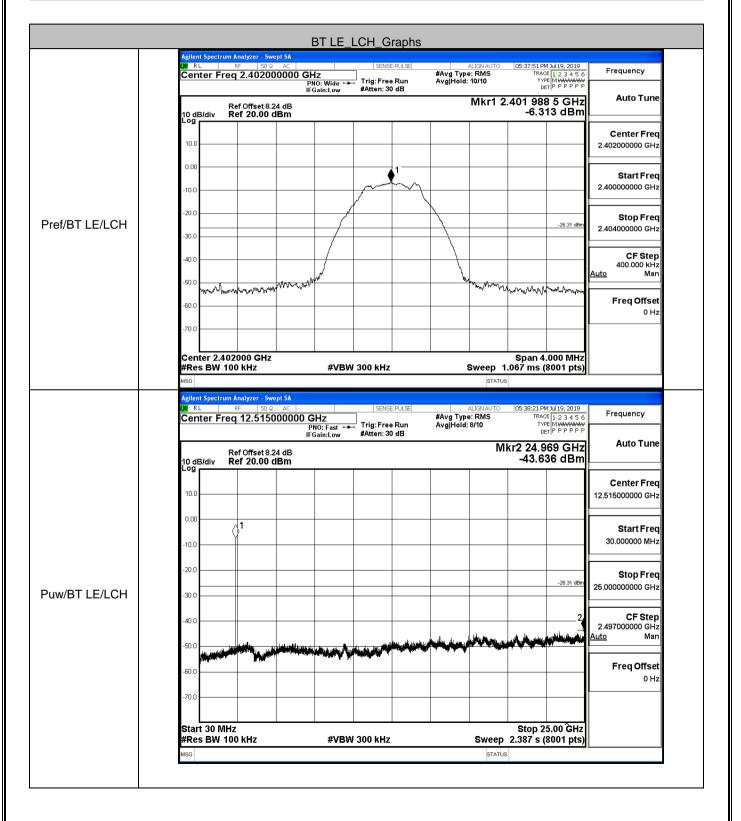


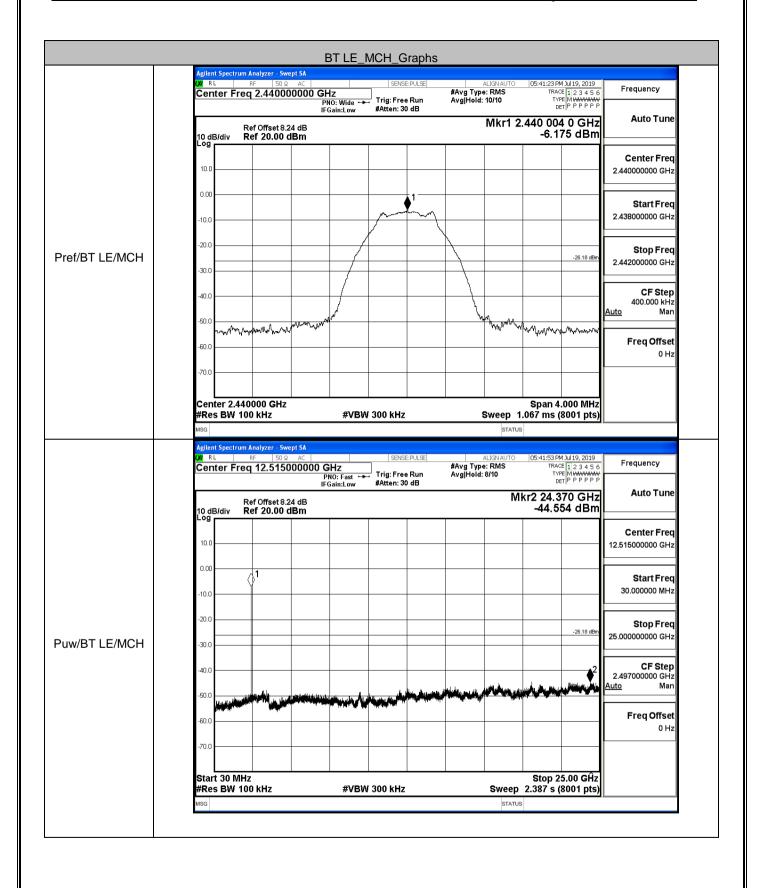
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AJD8UN-SYDNEY Report No.: LCS190702116AEB

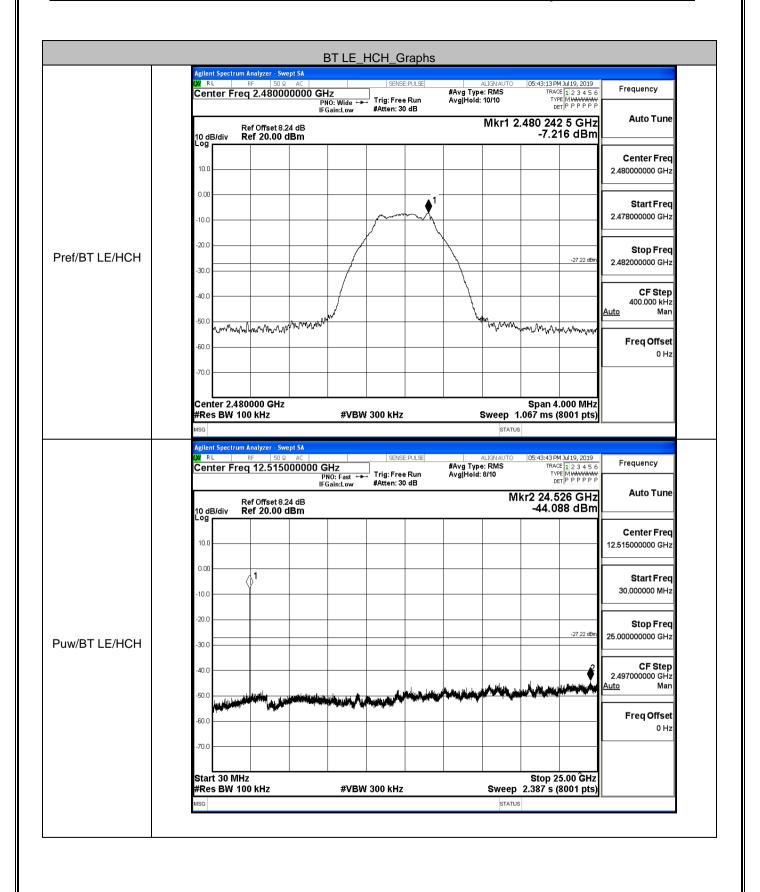


B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-6.313	-43.636	-26.313	PASS
BT LE	МСН	-6.175	-44.554	-26.175	PASS
BT LE	НСН	-7.216	-44.088	-27.216	PASS

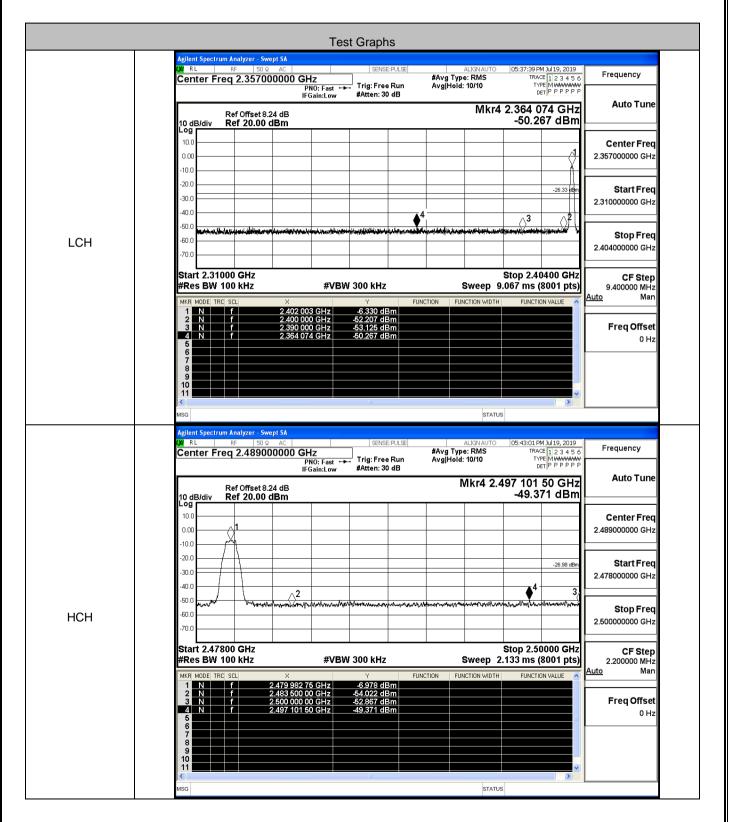






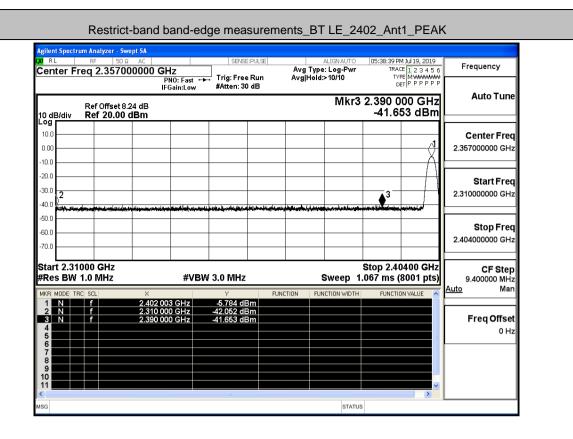
B.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-6.330	-50.267	-26.33	PASS
BT LE	HCH	-6.978	-49.371	-26.98	PASS

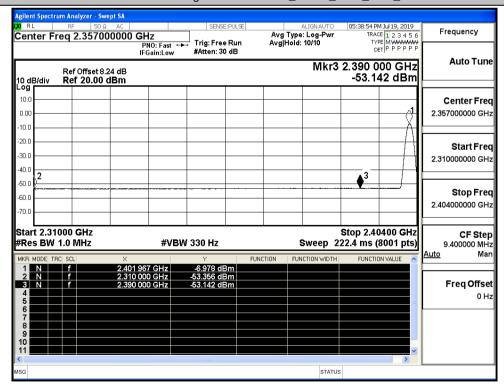


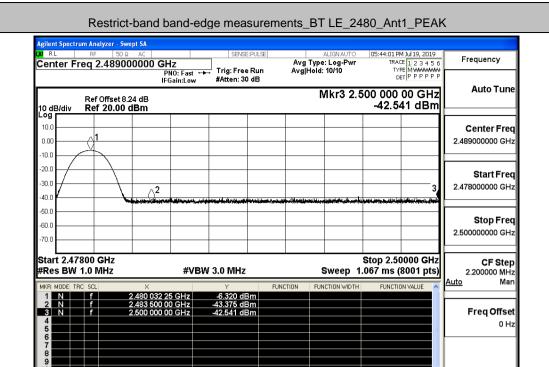
B.7 Restrict-band band-edge measurements

Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
		Ant1	2310.0	-42.05	2.0	0	53.21	PEAK	74	PASS
	2402	Ant1	2310.0	-53.36	2.0	0	41.90	AV	54	PASS
		Ant1	2390.0	-41.65	2.0	0	53.60	PEAK	74	PASS
		Ant1	2390.0	-53.14	2.0	0	42.12	AV	54	PASS
BT LE		Ant1	2483.5	-43.38	2.0	0	51.88	PEAK	74	PASS
		Ant1	2483.5	-52.96	2.0	0	42.29	AV	54	PASS
	2480	Ant1	2500.0	-42.54	2.0	0	52.72	PEAK	74	PASS
		Ant1	2500.0	-52.85	2.0	0	42.41	AV	54	PASS



Restrict-band band-edge measurements_BT LE_2402_Ant1_AV





Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

STATUS

