Appendix B

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

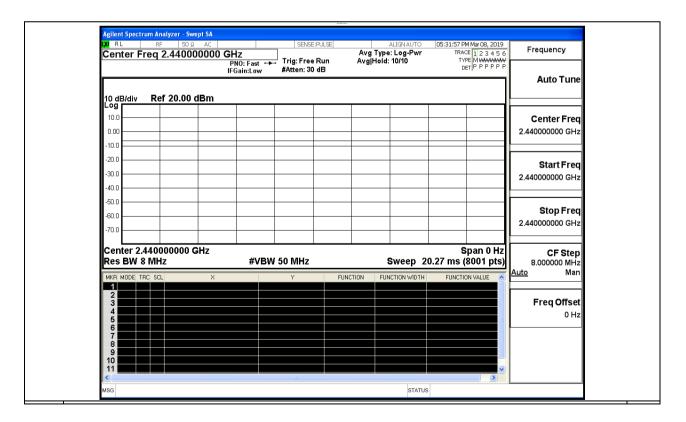
Product Name: MJ-80 Trade Mark: N/A Test Model: MJ-80B

Environmental Conditions

Temperature:	21.8° C
Relative Humidity:	53.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Mina.Xu
Supervised by:	Tom Liu

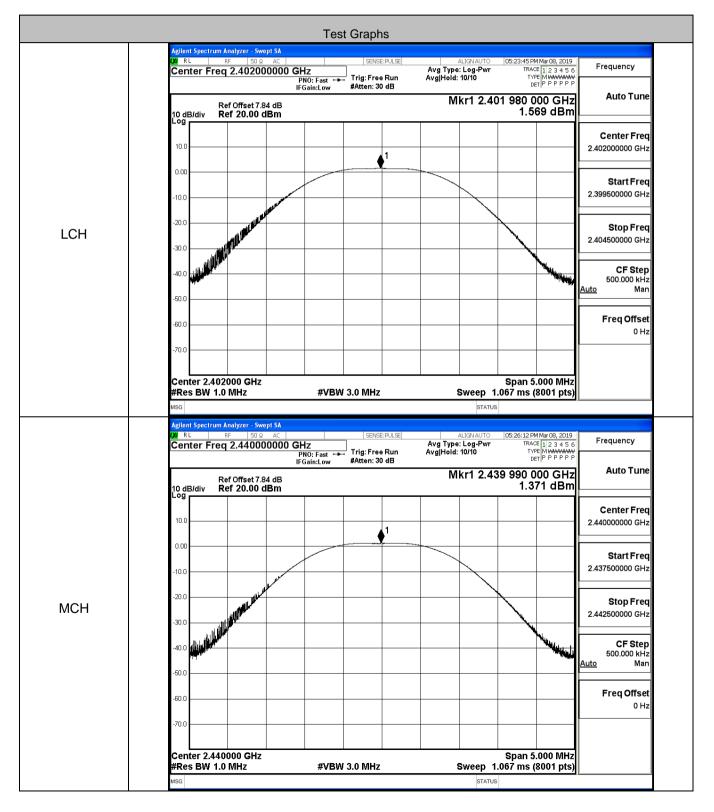
B.1 Duty Cycle

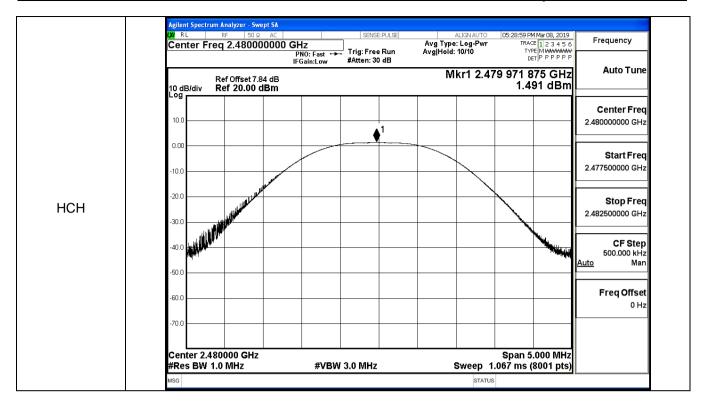
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
BT LE	2440	Ant1	100	PASS



B.2 Maximum Conducted Peak Output Power

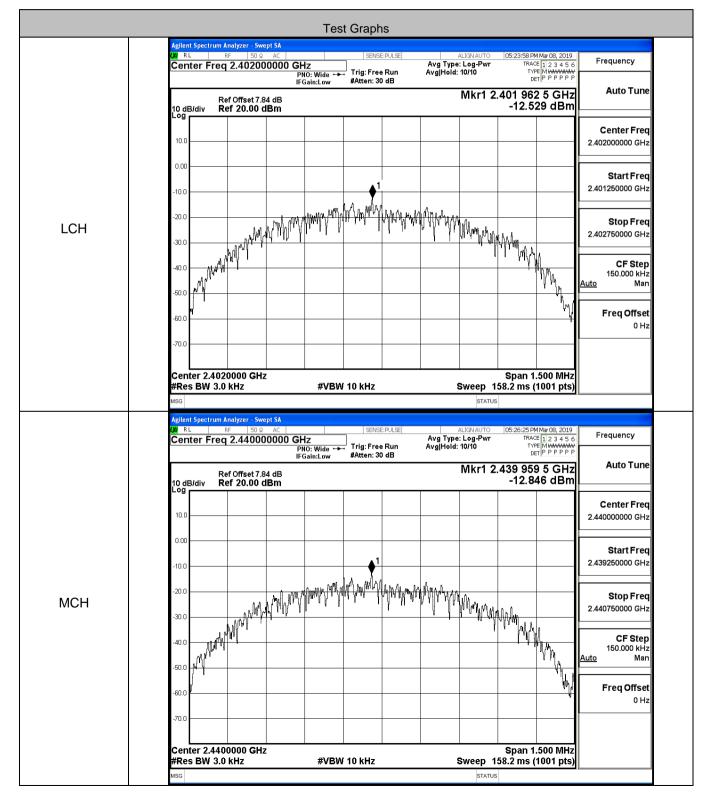
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	1.569	30	PASS
BT LE	MCH	1.371	30	PASS
BT LE	HCH	1.491	30	PASS



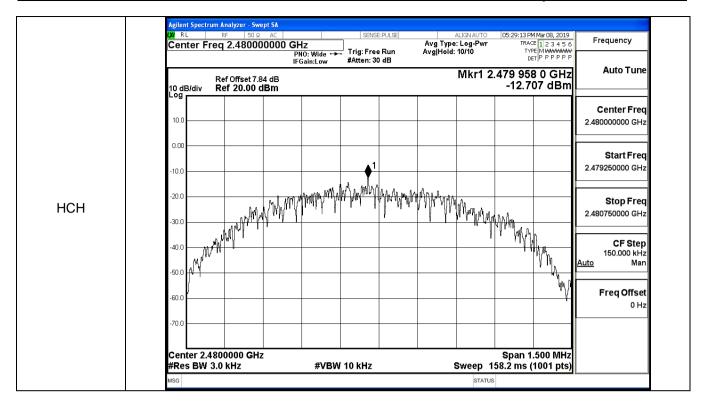


B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-12.529	8	PASS
BT LE	MCH	-12.846	8	PASS
BT LE	НСН	-12.707	8	PASS

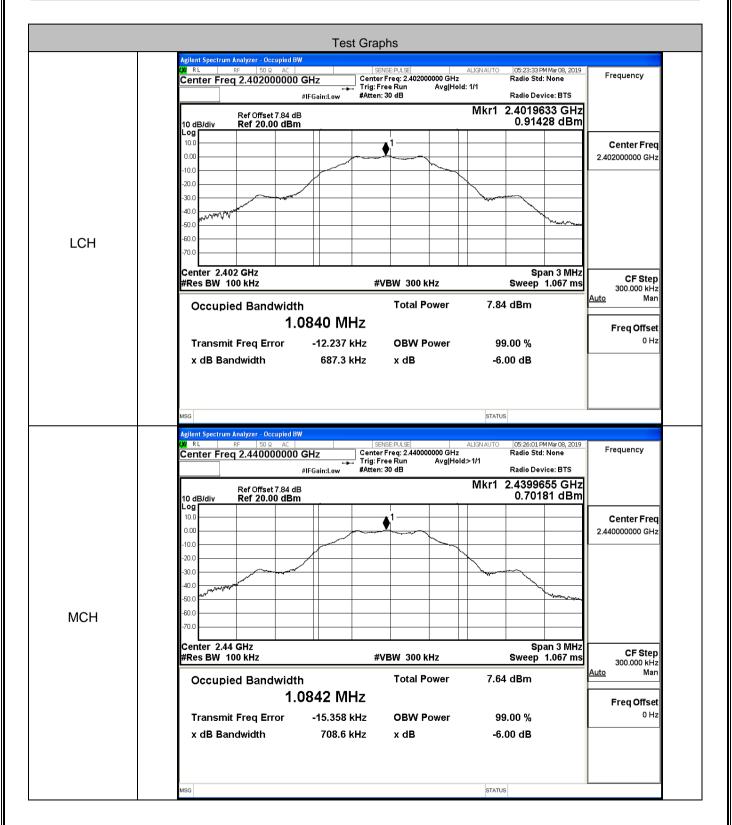


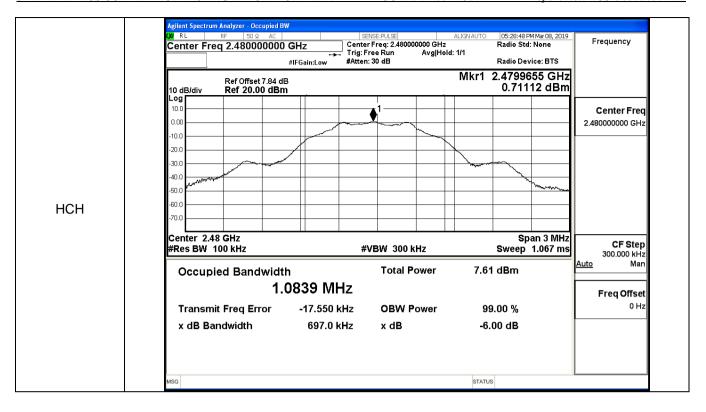
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B.4 6dB Bandwidth

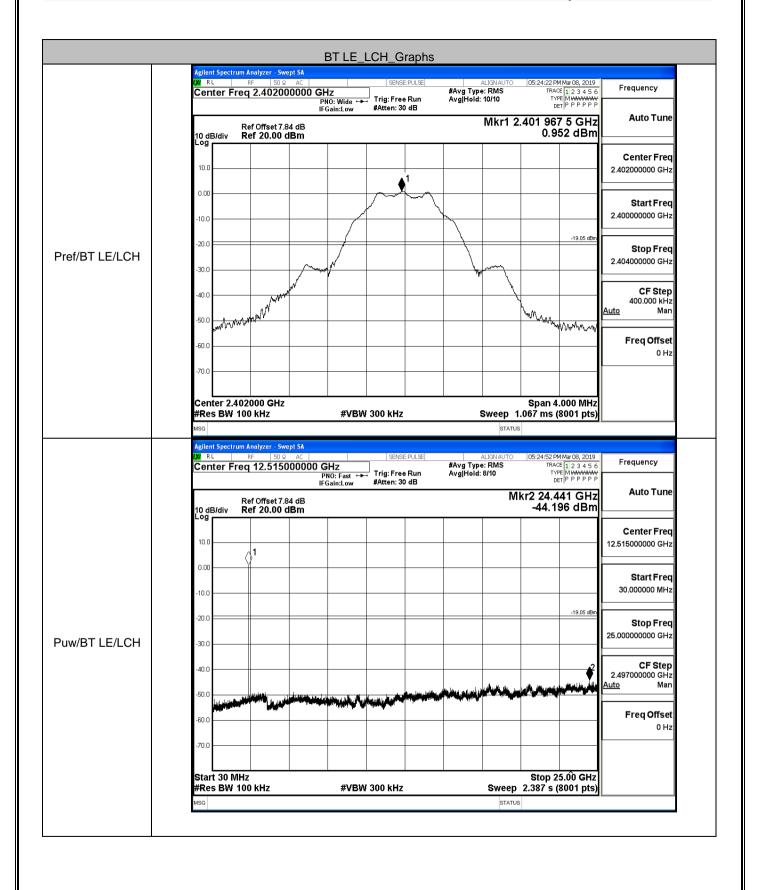
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6873	≥0.5	PASS
BT LE	MCH	0.7086	≥0.5	PASS
BT LE	HCH	0.6970	≥0.5	PASS

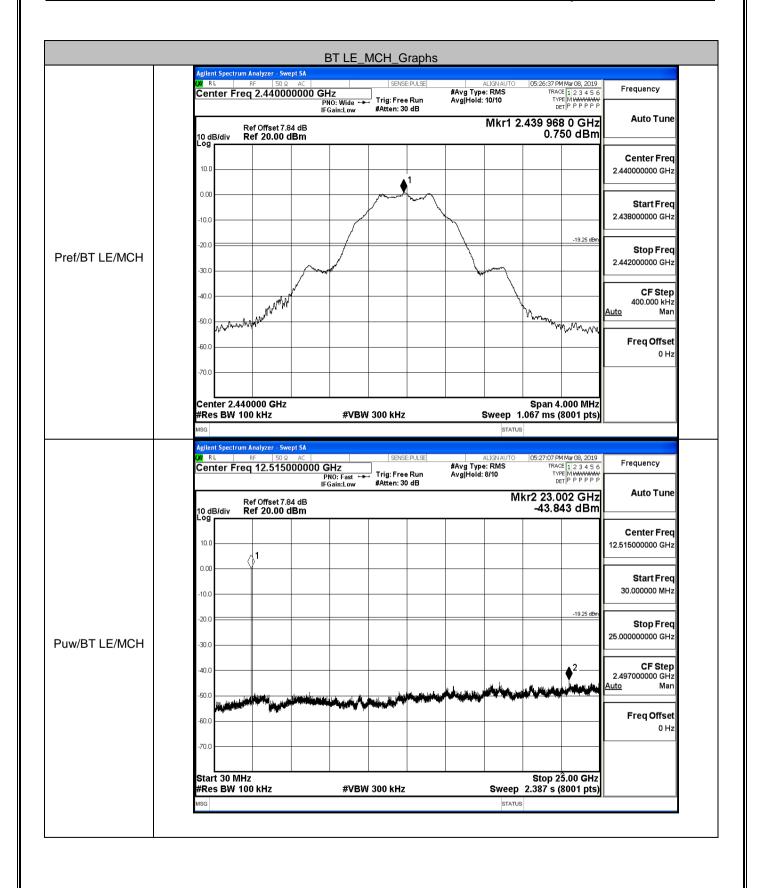


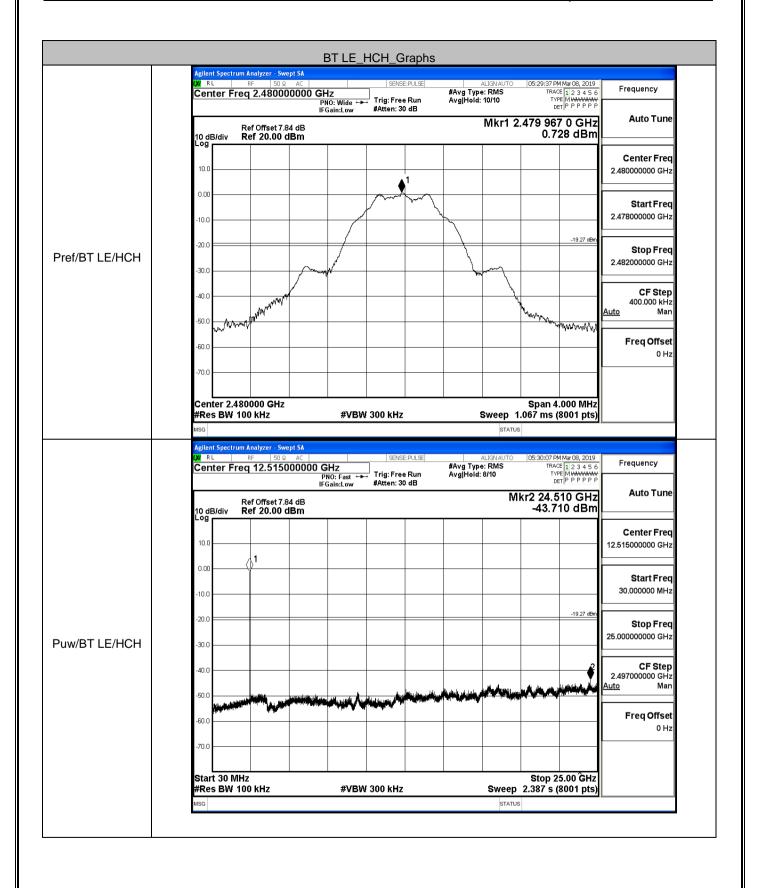


B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	0.952	-44.196	-19.048	PASS
BT LE	MCH	0.75	-43.843	-19.250	PASS
BT LE	НСН	0.728	-43.710	-19.272	PASS

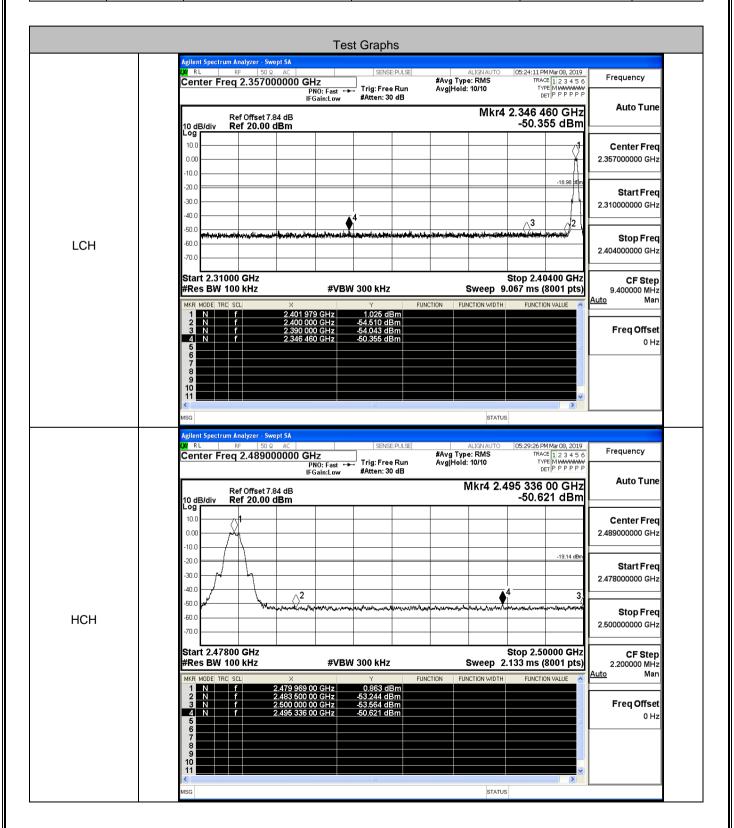






B.6 Band-edge for RF Conducted Emissions

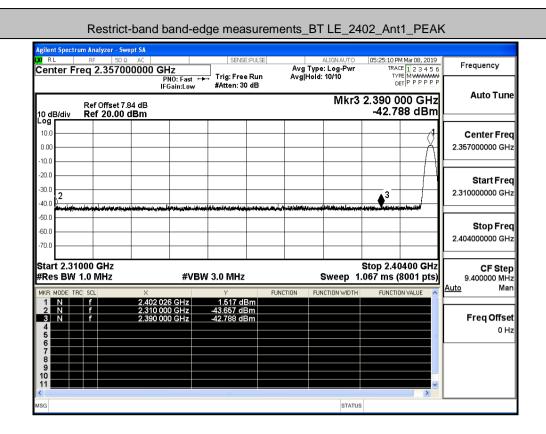
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	1.025	-50.355	-18.98	PASS
BT LE	HCH	0.863	-50.621	-19.14	PASS



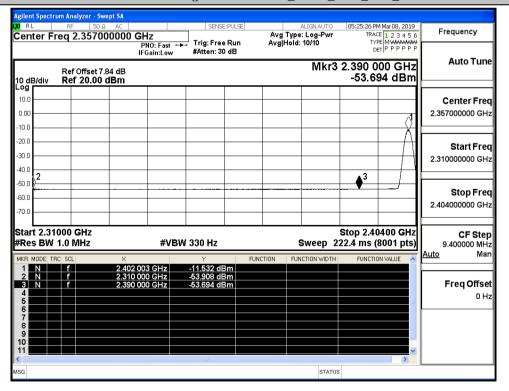
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B.7 Restrict-band band-edge measurements

Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
		Ant1	2310.0	-43.66	2.0	0	53.60	PEAK	74	PASS
	2402	Ant1	2310.0	-53.91	2.0	0	43.35	AV	54	PASS
		Ant1	2390.0	-42.79	2.0	0	54.47	PEAK	74	PASS
		Ant1	2390.0	-53.69	2.0	0	43.56	AV	54	PASS
BT LE		Ant1	2483.5	-43.41	2.0	0	53.85	PEAK	74	PASS
		Ant1	2483.5	-53.20	2.0	0	44.06	AV	54	PASS
	2480	Ant1	2500.0	-43.17	2.0	0	54.09	PEAK	74	PASS
		Ant1	2500.0	-53.32	2.0	0	43.94	AV	54	PASS

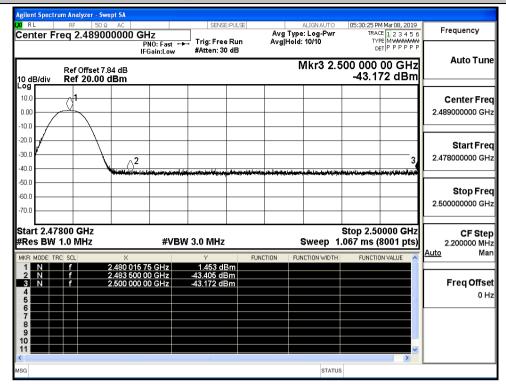


Restrict-band band-edge measurements_BT LE_2402_Ant1_AV



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Restrict-band band-edge measurements_BT LE_2480_Ant1_PEAK



Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

