Appendix A

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

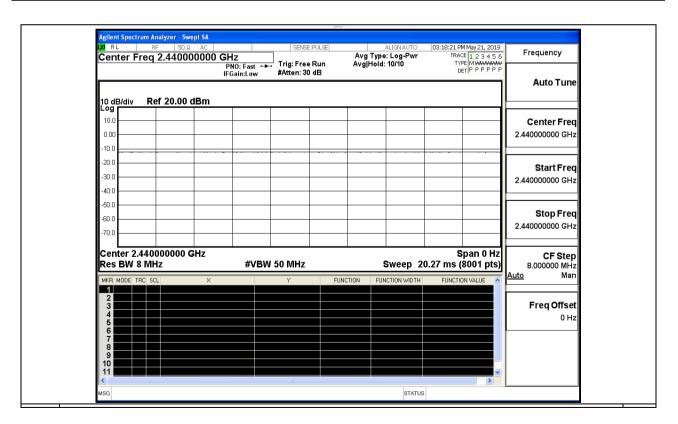
Product Name: Portable Internet Radio
Trade Mark: N/A
Test Model: MA-26D

Environmental Conditions

_	
Temperature:	23.9 ° C
Relative Humidity:	54.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Tom.Liu
Supervised by:	Aking Jin

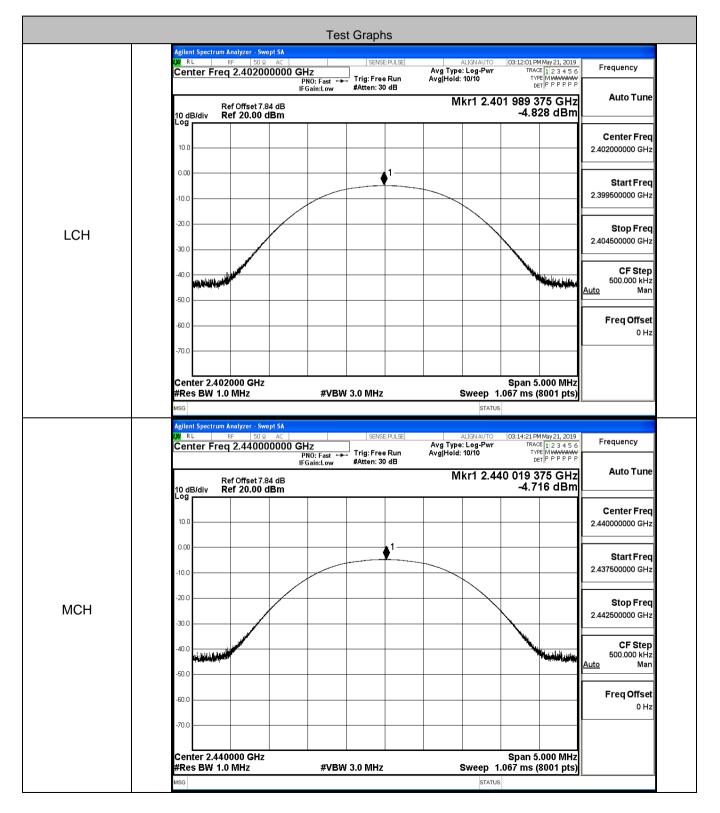
A.1 Duty Cycle

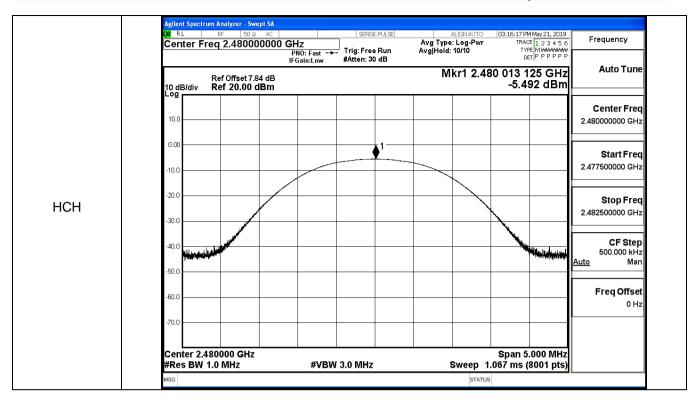
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
BT LE	2440	Ant1	100	PASS



A.2 Maximum Conducted Peak Output Power

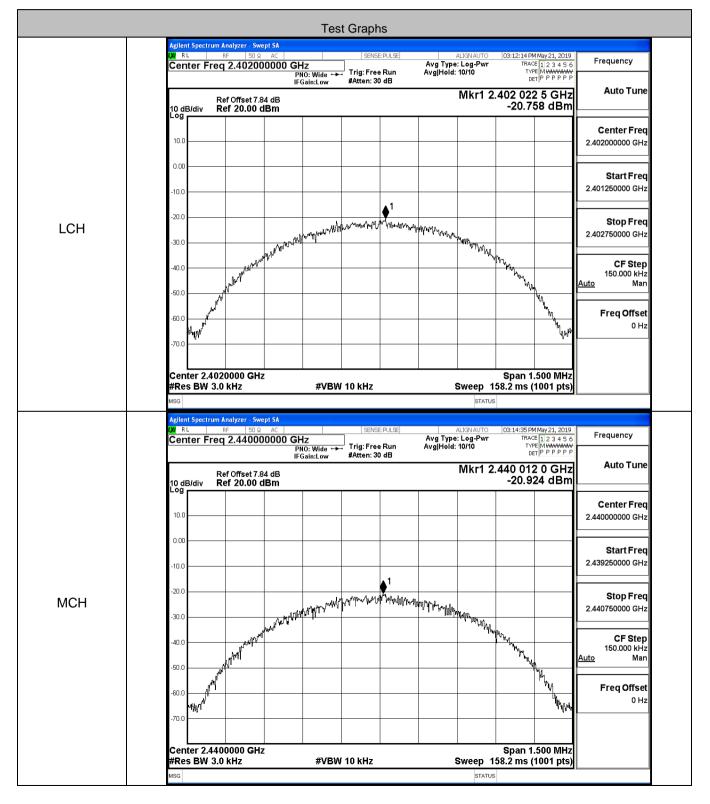
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-4.828	30	PASS
BT LE	MCH	-4.716	30	PASS
BT LE	HCH	-5.492	30	PASS

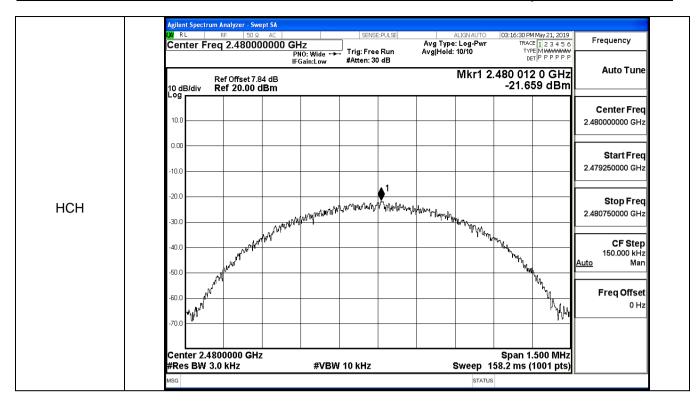




A.3 Maximum Power Spectral Density

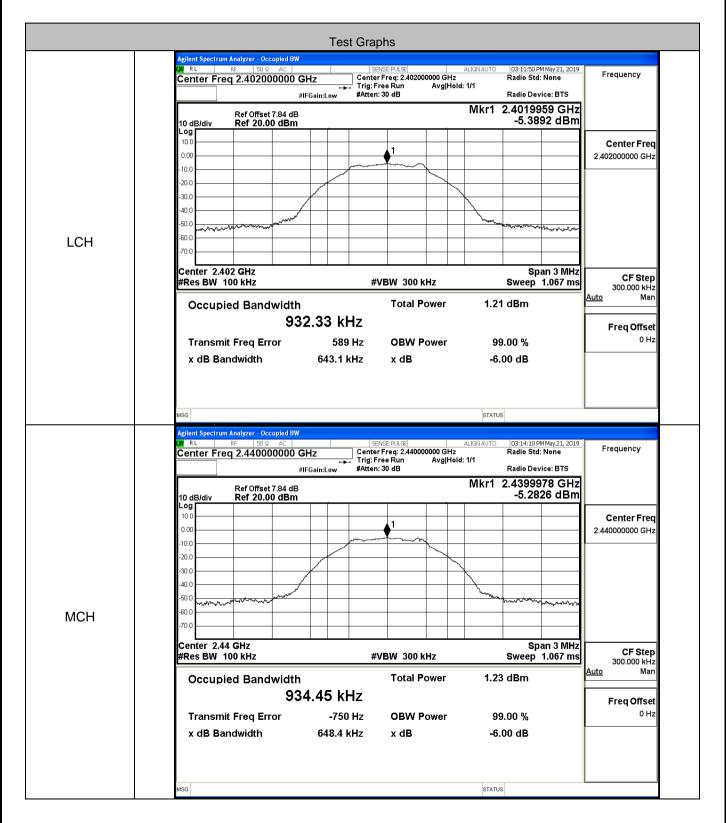
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-20.758	8	PASS
BT LE	MCH	-20.924	8	PASS
BT LE	НСН	-21.659	8	PASS

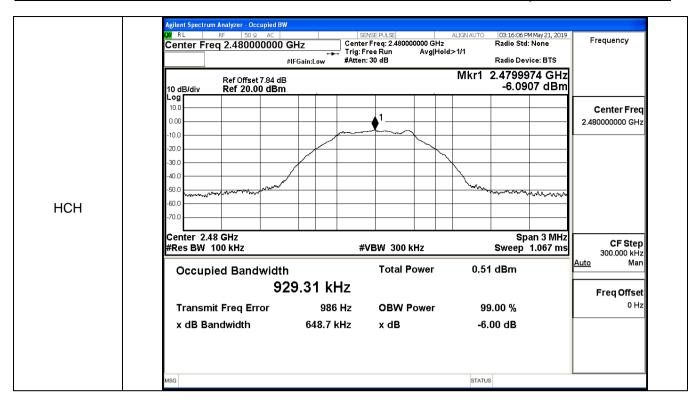




A.4 6dB Bandwidth

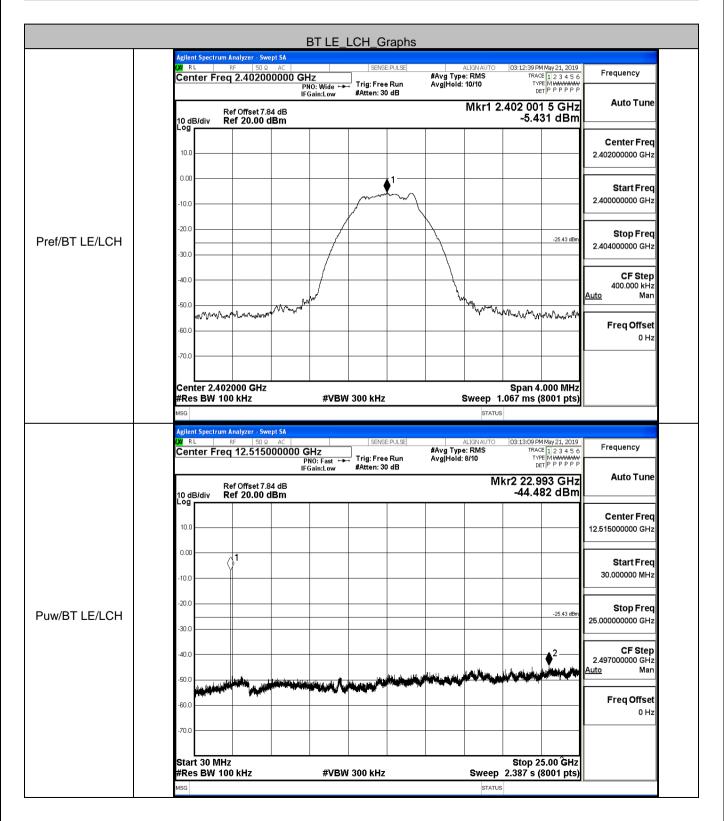
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6431	≥0.5	PASS
BT LE	MCH	0.6484	≥0.5	PASS
BT LE	HCH	0.6487	≥0.5	PASS

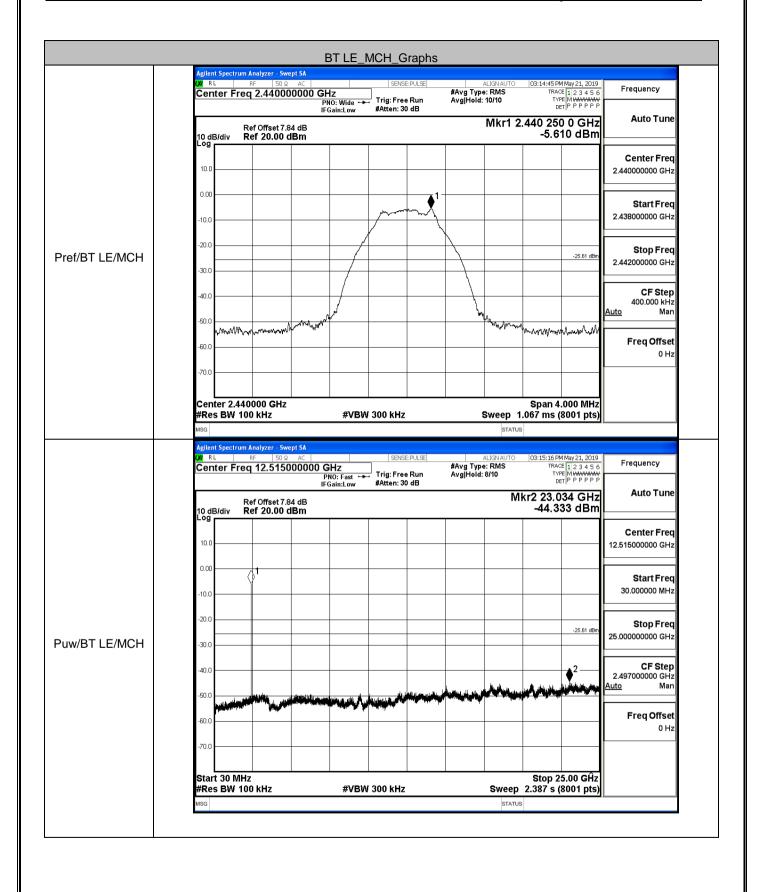


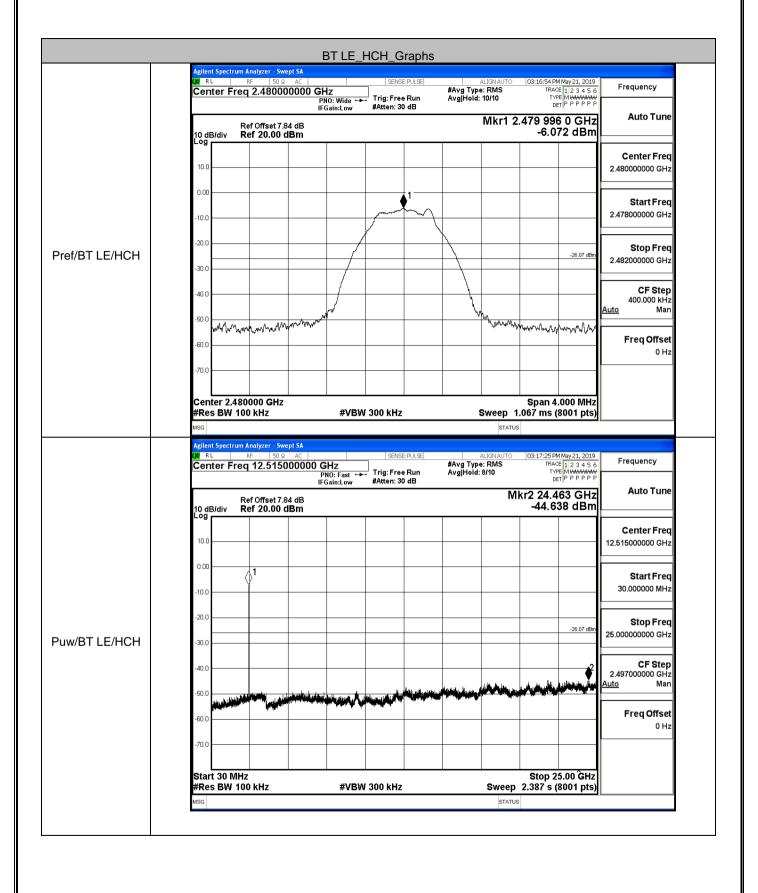


A.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-5.431	-44.482	-25.431	PASS
BT LE	MCH	-5.61	-44.333	-25.610	PASS
BT LE	НСН	-6.072	-44.638	-26.072	PASS

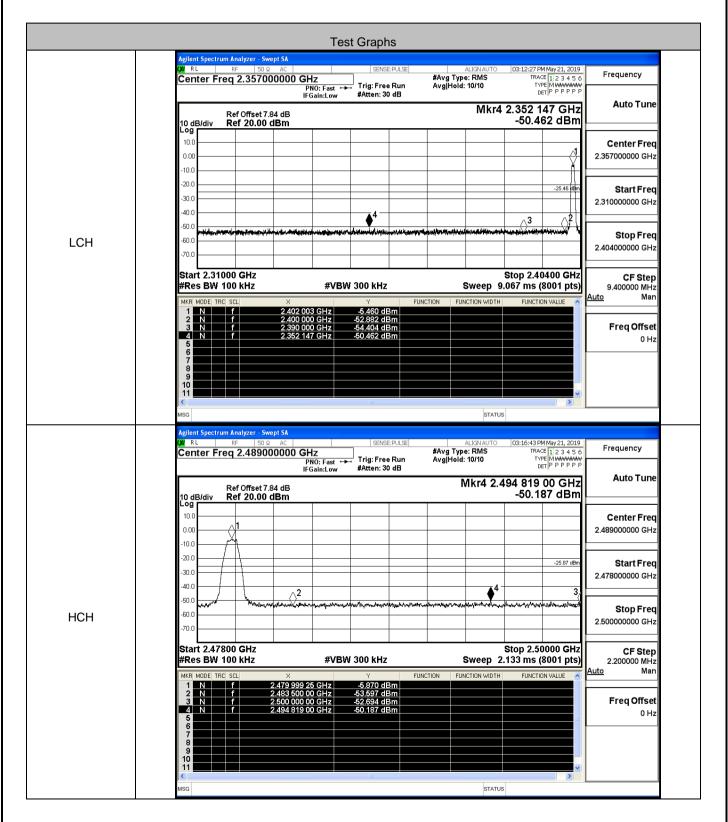






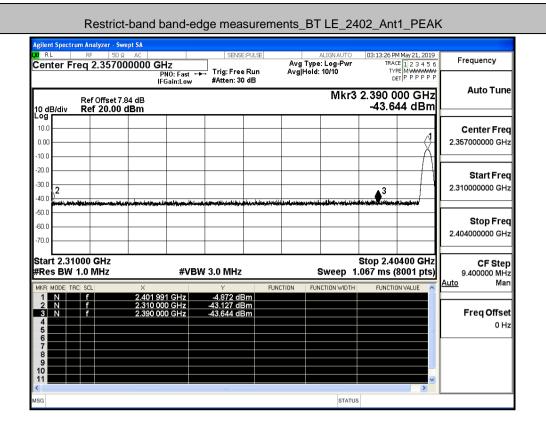
A.6 Band-edge for RF Conducted Emissions

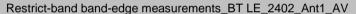
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-5.460	-50.462	-25.46	PASS
BT LE	HCH	-5.870	-50.187	-25.87	PASS

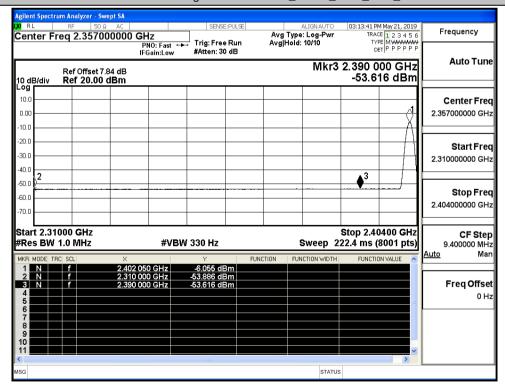


A.7 Restrict-band band-edge measurements

Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
		Ant1	2310.0	-43.13	3.3	0	55.37	PEAK	74	PASS
	2402	Ant1	2310.0	-53.89	3.3	0	44.61	AV	54	PASS
BT LE		Ant1	2390.0	-43.64	3.3	0	54.86	PEAK	74	PASS
		Ant1	2390.0	-53.62	3.3	0	44.88	AV	54	PASS
	2480	Ant1	2483.5	-43.05	3.3	0	55.45	PEAK	74	PASS
		Ant1	2483.5	-53.34	3.3	0	45.16	AV	54	PASS
		Ant1	2500.0	-42.84	3.3	0	55.66	PEAK	74	PASS
		Ant1	2500.0	-53.22	3.3	0	45.28	AV	54	PASS

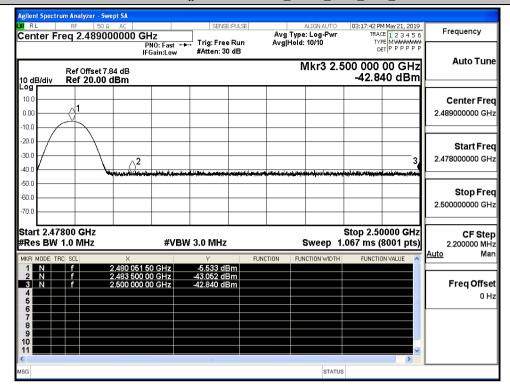






Page 13 of 14

Restrict-band band-edge measurements_BT LE_2480_Ant1_PEAK



Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

