Appendix B

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

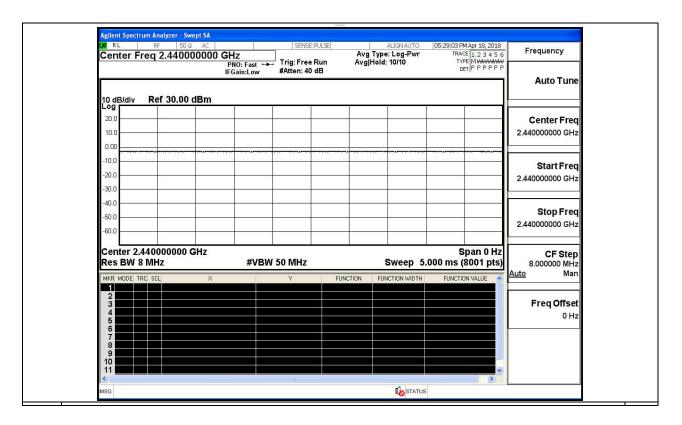
Product Name: Set top box Trade Mark: N/A Test Model: J5S

Environmental Conditions

Temperature:	24.1° C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Tom.Liu
Supervised by:	Jayden Zhuo

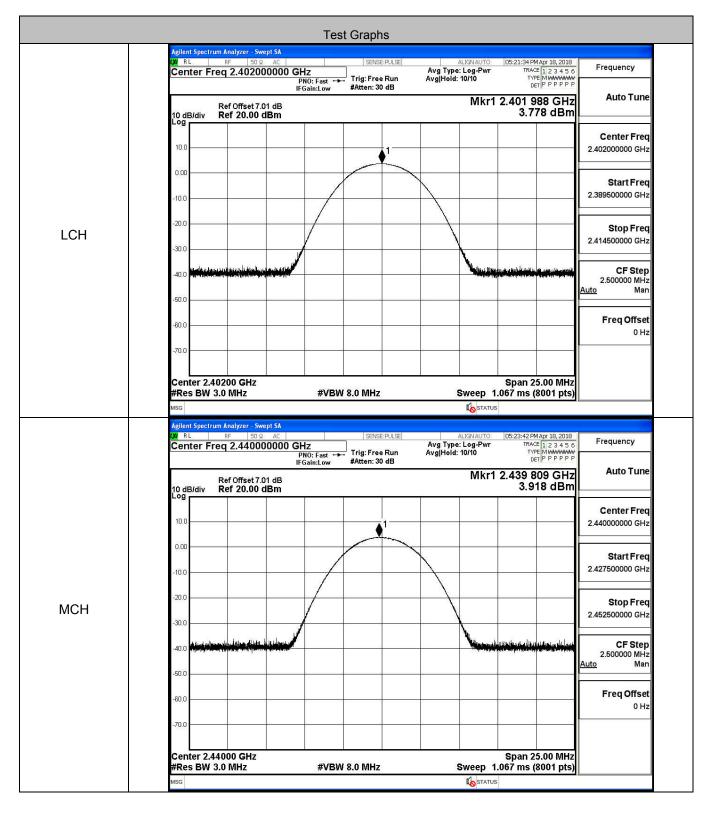
B.1 Duty Cycle

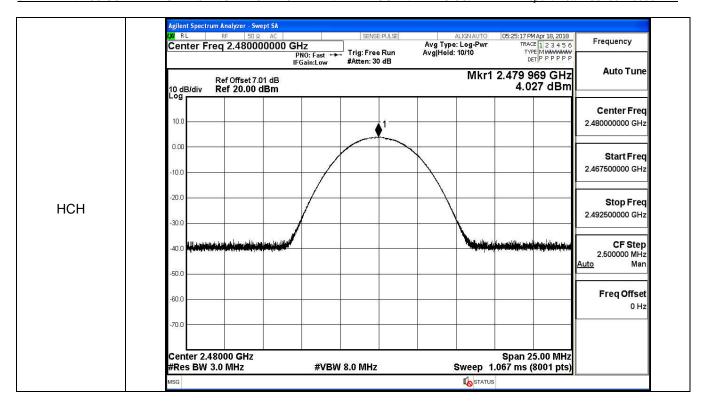
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
BT LE	2440	Ant1	100	PASS



B.2 Maximum Conducted Peak Output Power

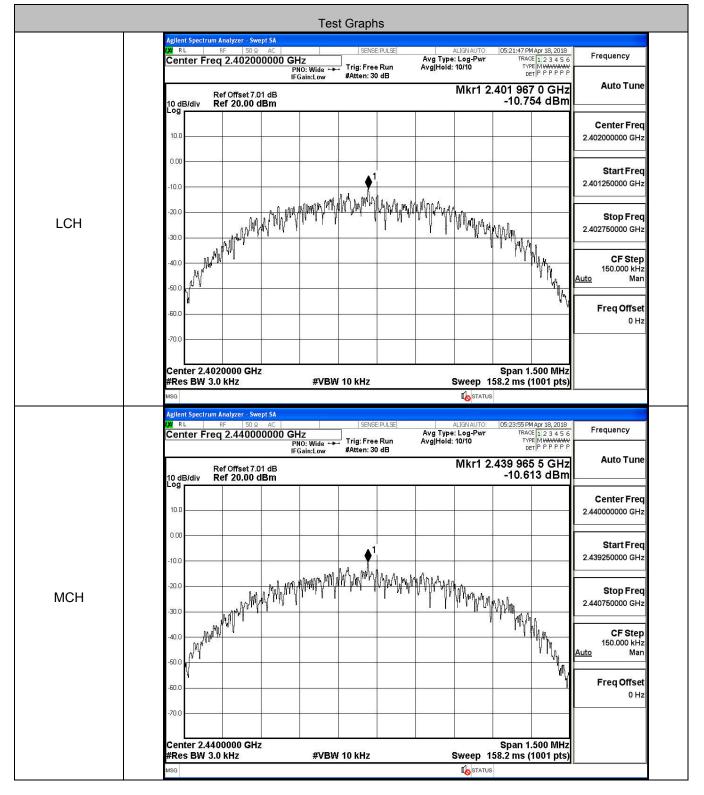
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	3.778	30	PASS
BT LE	мсн	3.918	30	PASS
BT LE	HCH	4.027	30	PASS



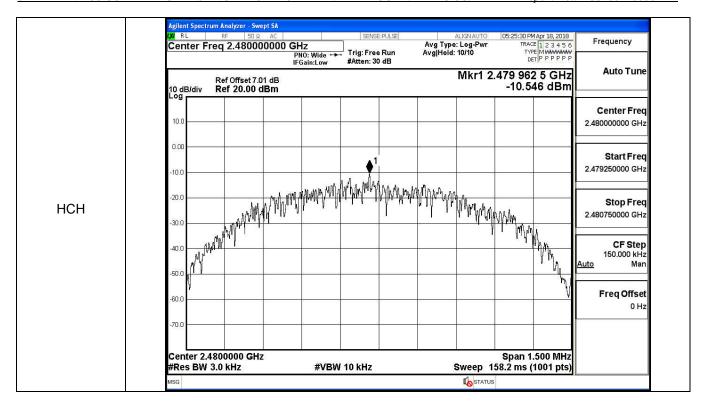


B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-10.754	8	PASS
BT LE	MCH	-10.613	8	PASS
BT LE	НСН	-10.546	8	PASS

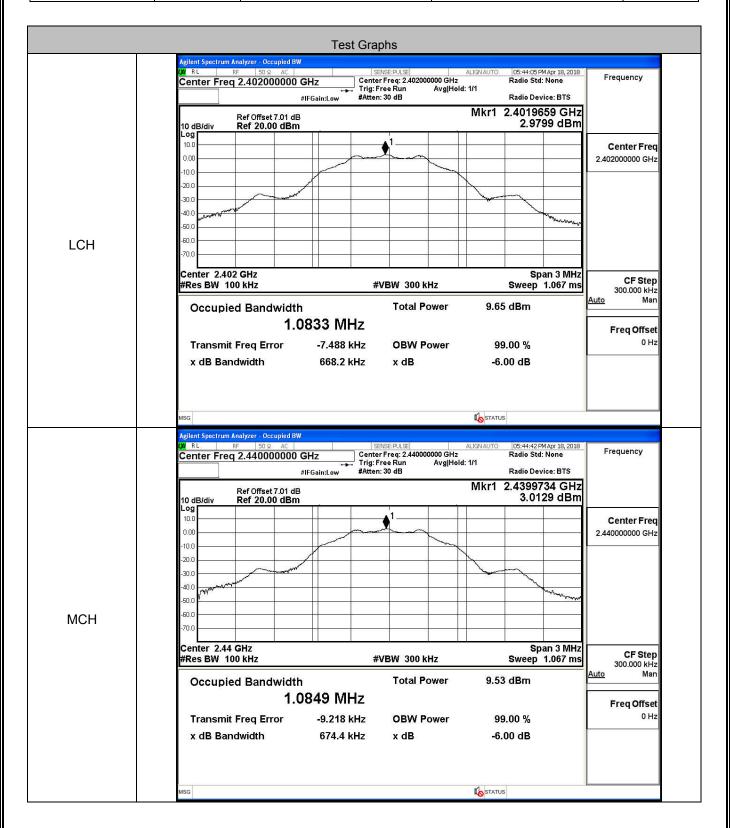


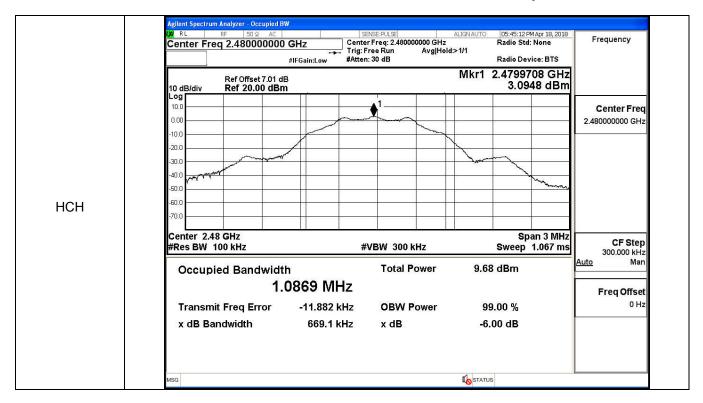
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B.4 6dB Bandwidth

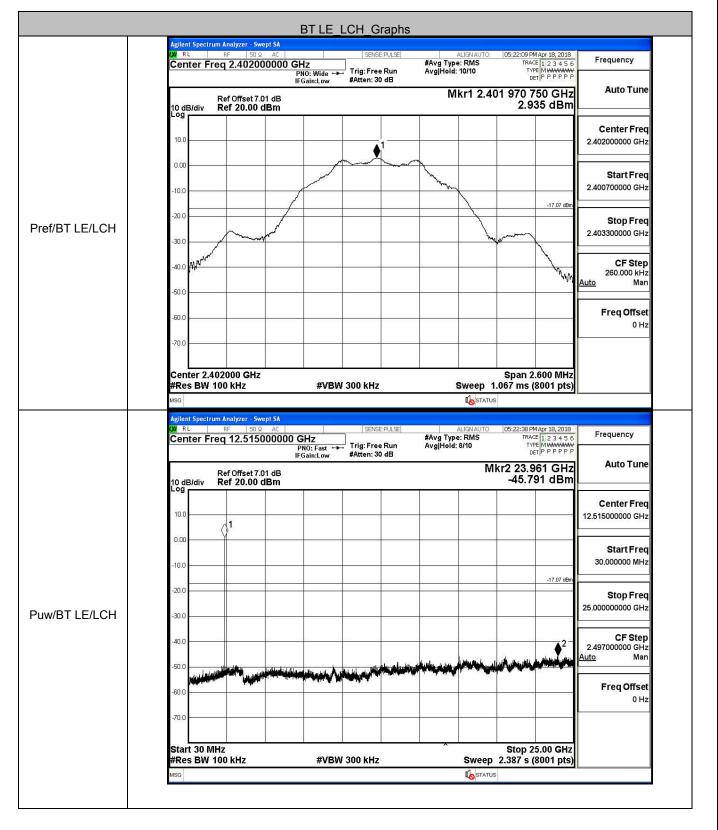
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6682	≥0.5	PASS
BT LE	MCH	0.6744	≥0.5	PASS
BT LE	HCH	0.6691	≥0.5	PASS

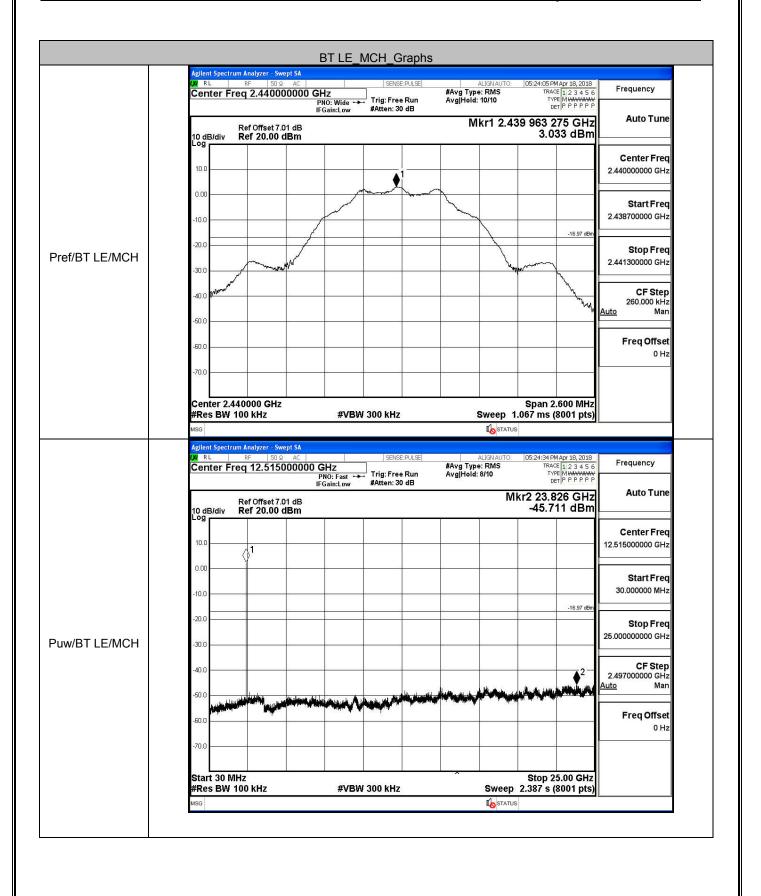


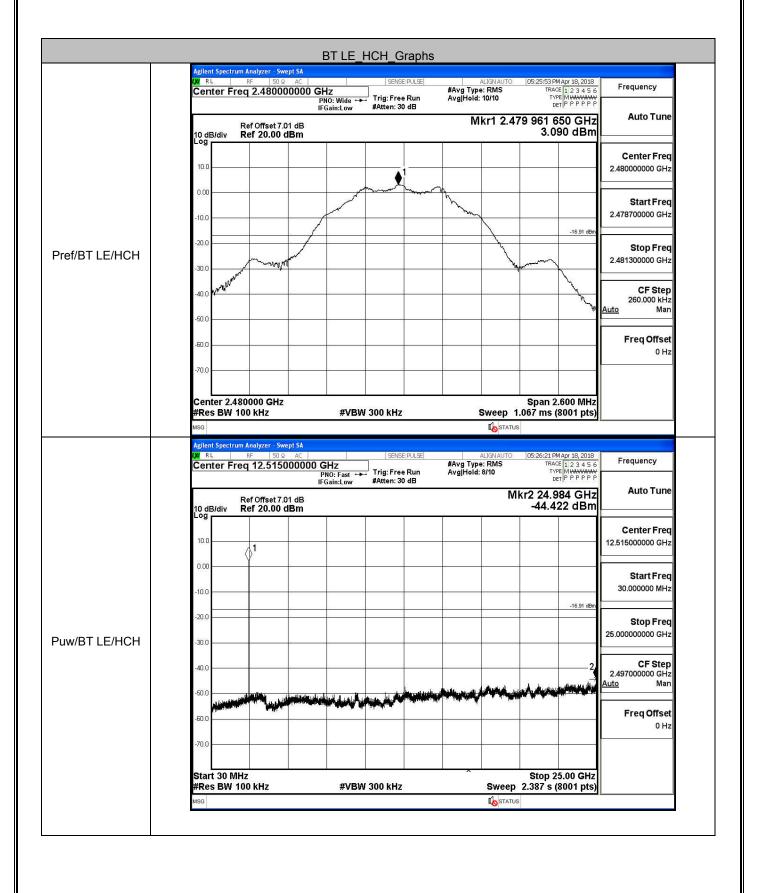


B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	2.935	-45.791	-17.065	PASS
BT LE	МСН	3.033	-45.711	-16.967	PASS
BT LE	НСН	3.09	-44.422	-16.910	PASS

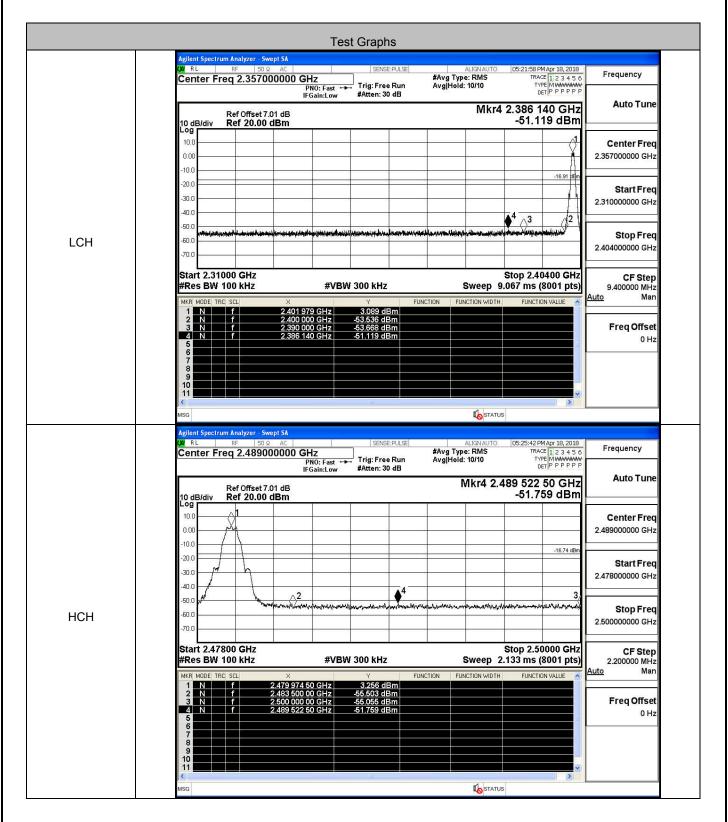






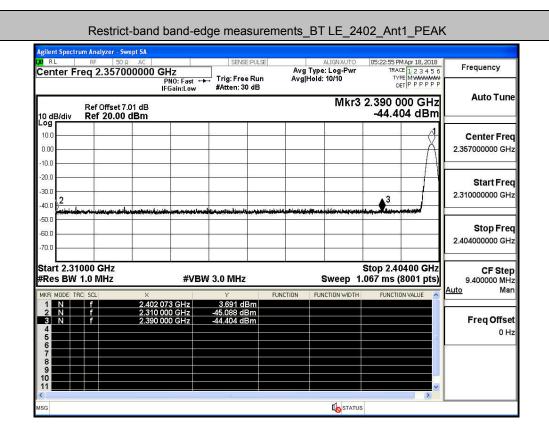
B.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	3.089	-51.119	-16.91	PASS
BT LE	HCH	3.256	-51.759	-16.74	PASS

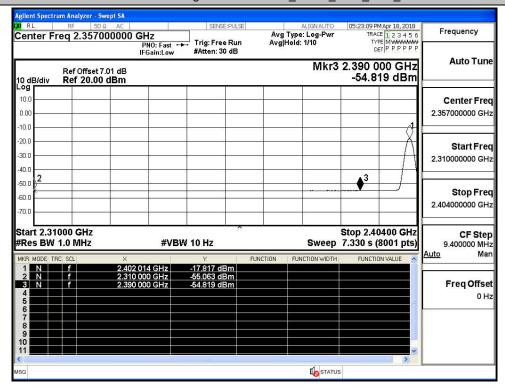


B.7 Restrict-band band-edge measurements

Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
		Ant1	2310.0	-45.09	2.0	0	52.11	PEAK	74	PASS
	2402	Ant1	2310.0	-55.06	2.0	0	42.14	AV	54	PASS
		Ant1	2390.0	-44.40	2.0	0	52.80	PEAK	74	PASS
		Ant1	2390.0	-54.82	2.0	0	42.38	AV	54	PASS
BT LE		Ant1	2483.5	-43.35	2.0	0	53.85	PEAK	74	PASS
		Ant1	2483.5	-54.37	2.0	0	42.83	AV	54	PASS
	2480	Ant1	2500.0	-44.37	2.0	0	52.83	PEAK	74	PASS
		Ant1	2500.0	-54.44	2.0	0	42.76	AV	54	PASS

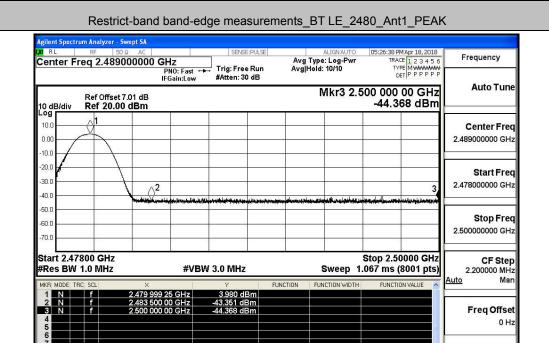


Restrict-band band-edge measurements_BT LE_2402_Ant1_AV



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STATUS



Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

