Appendix B

RF Test Data for BT V4.1(BLE) (Conducted Measurement)

Product Name: TRANSFORM WIRELESS - Active Performance On-Ear Headphones with

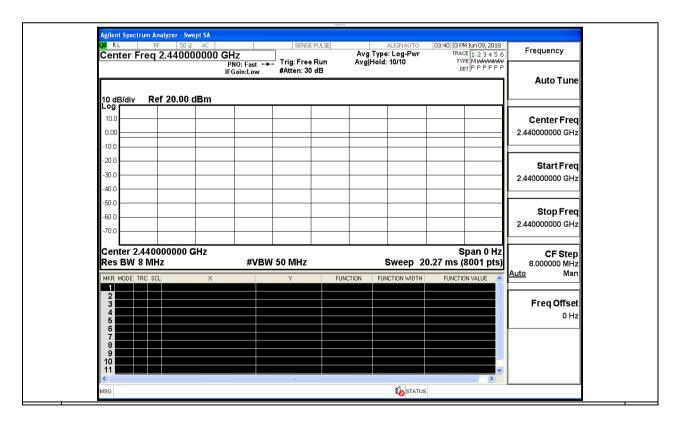
Bluetooth
Trade Mark: SOUL
Test Model: ST32

Environmental Conditions

Temperature:	22.5 ° C
Relative Humidity:	54.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Tom.Liu
Supervised by:	Jayden.Zhuo

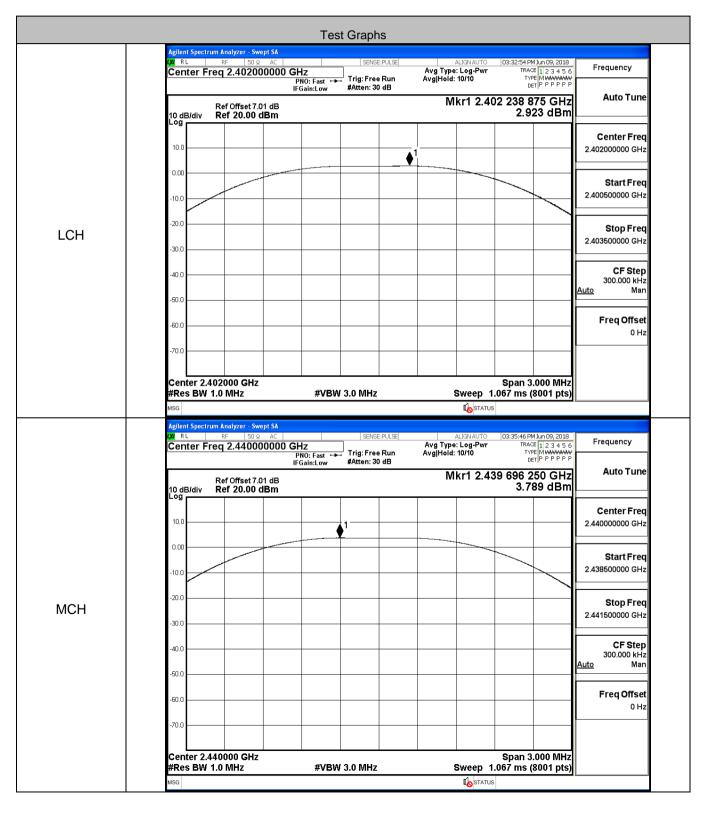
B.1 Duty Cycle

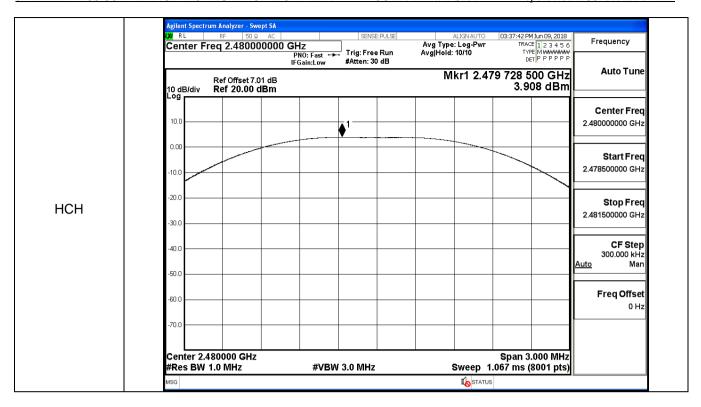
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
BT LE	2440	Ant1	100	PASS



B.2 Maximum Conducted Peak Output Power

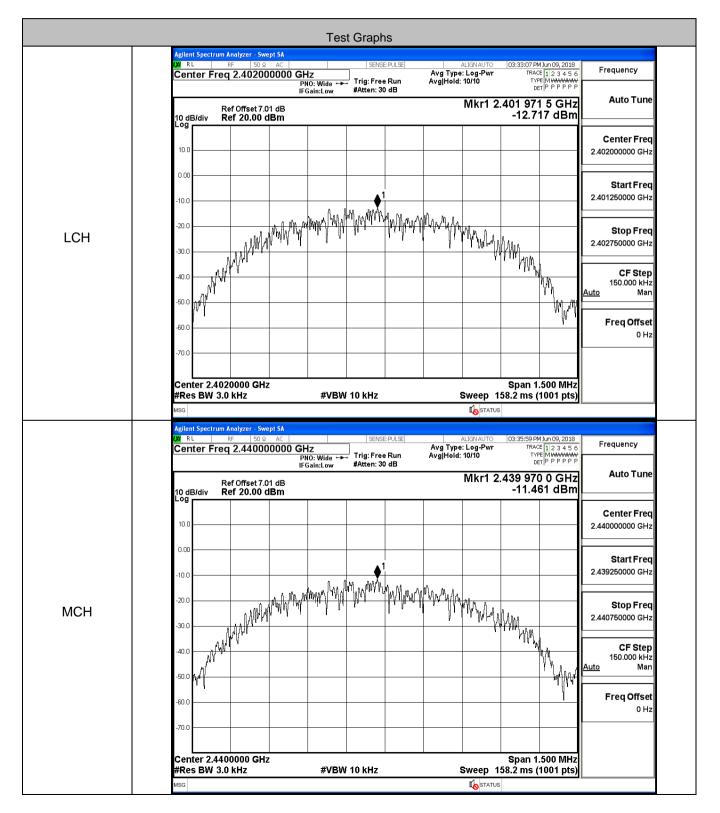
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	2.923	30	PASS
BT LE	MCH	3.789	30	PASS
BT LE	HCH	3.908	30	PASS



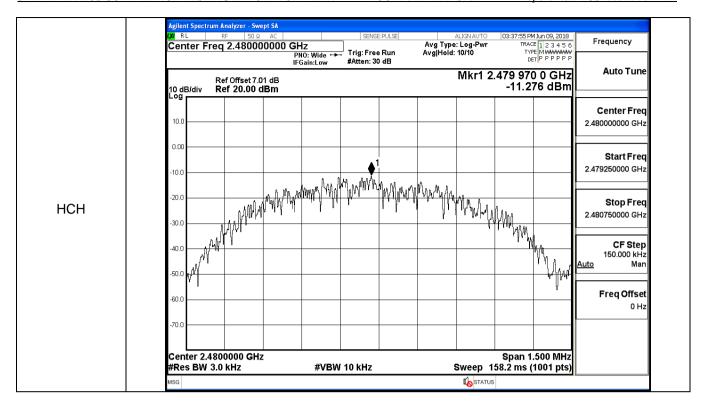


B.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-12.717	8	PASS
BT LE	MCH	-11.461	8	PASS
BT LE	НСН	-11.276	8	PASS

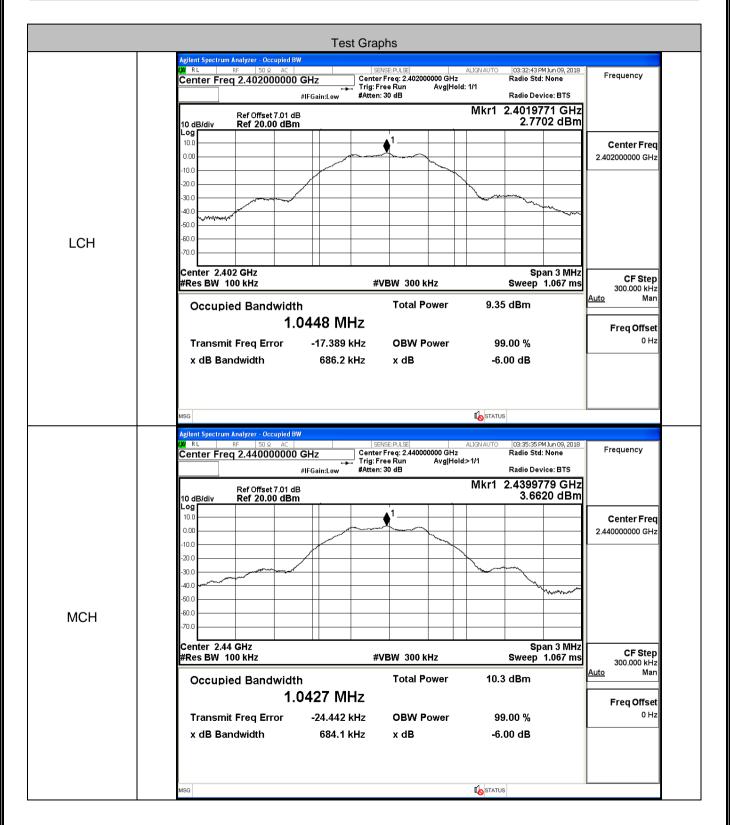


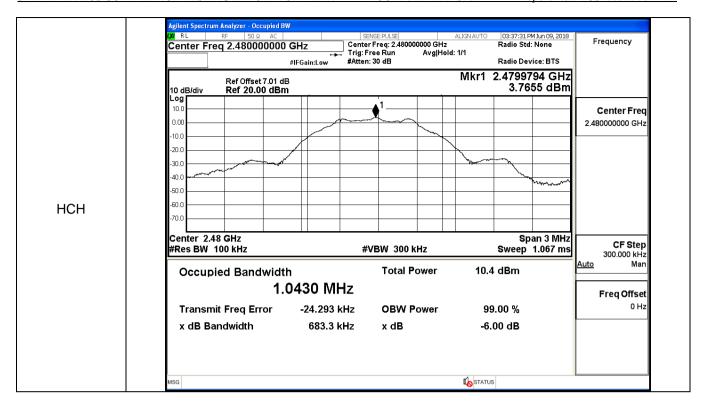
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B.4 6dB Bandwidth

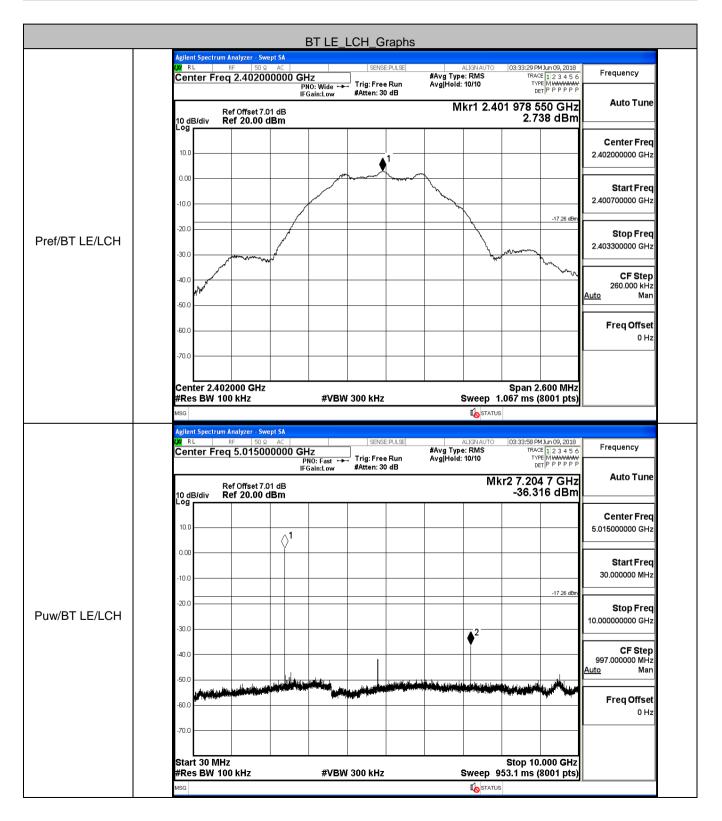
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6862	≥0.5	PASS
BT LE	MCH	0.6841	≥0.5	PASS
BT LE	HCH	0.6833	≥0.5	PASS

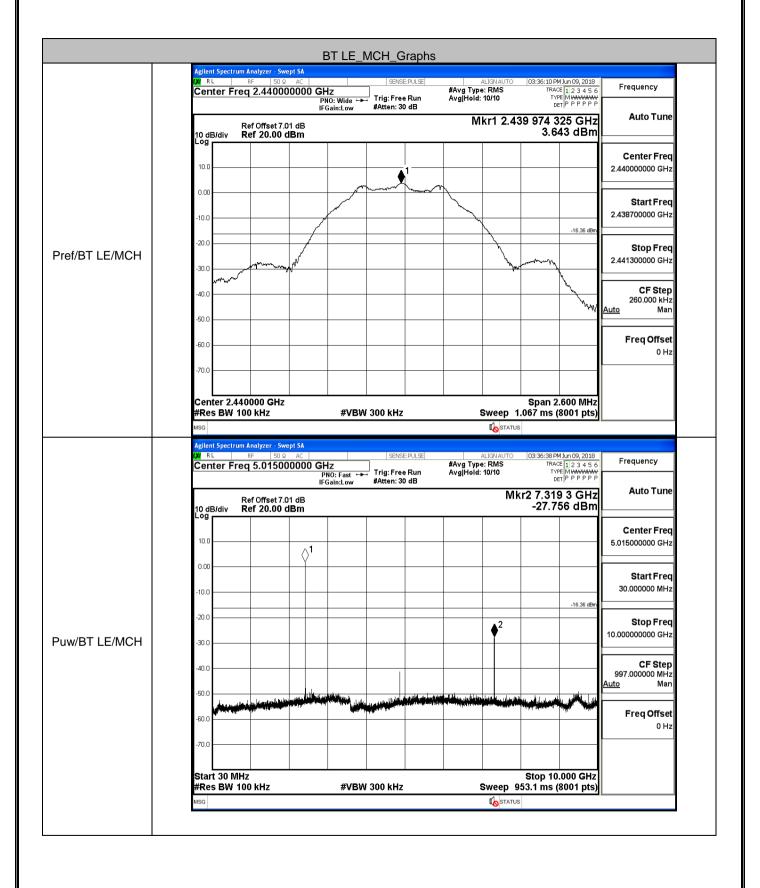


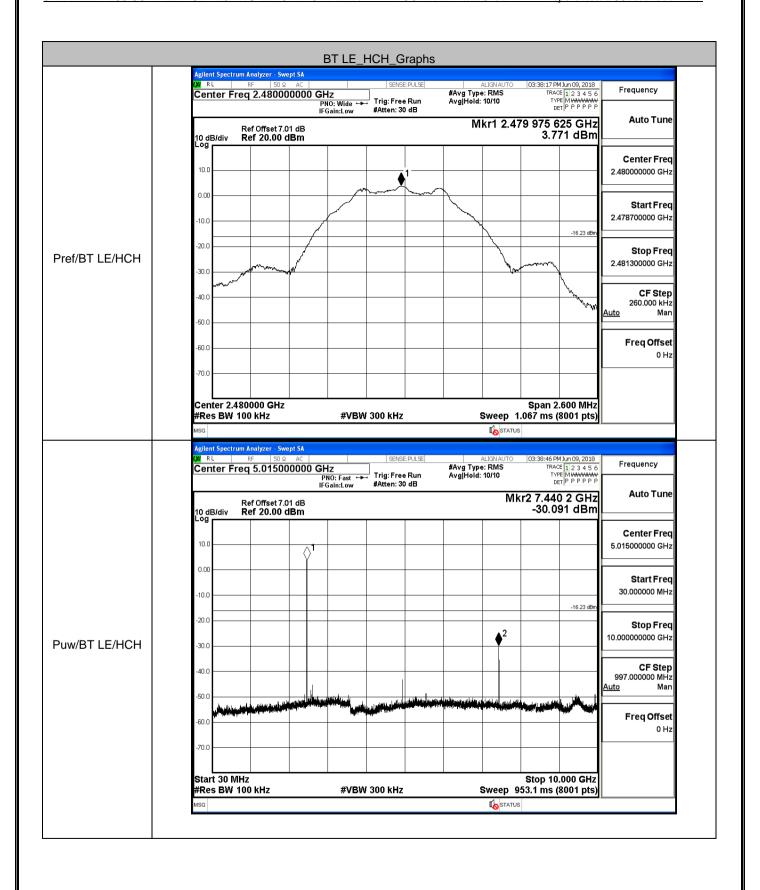


B.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	2.738	-36.316	-17.262	PASS
BT LE	МСН	3.643	-27.756	-16.357	PASS
BT LE	HCH	3.771	-30.091	-16.229	PASS

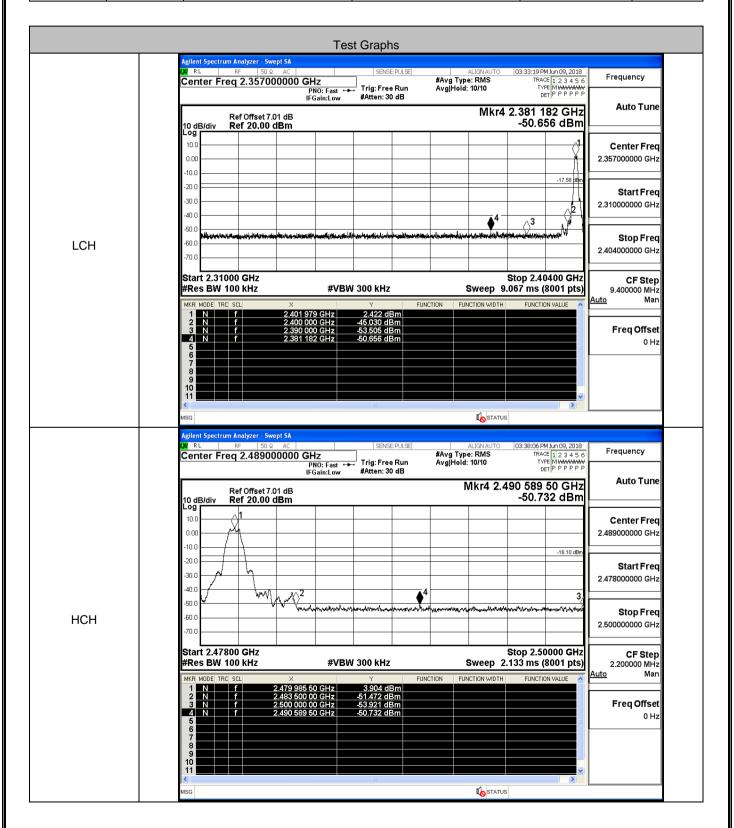






B.6 Band-edge for RF Conducted Emissions

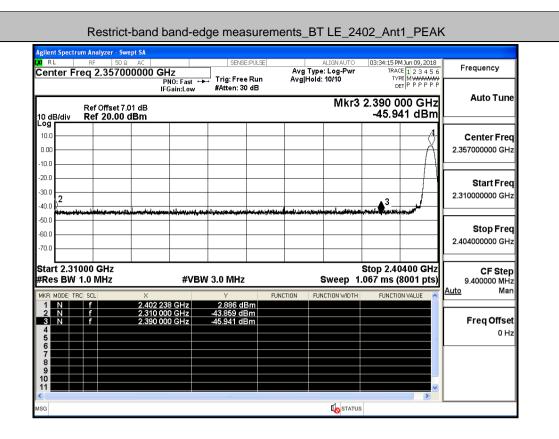
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	2.422	-50.656	-17.58	PASS
BT LE	HCH	3.904	-50.732	-16.1	PASS



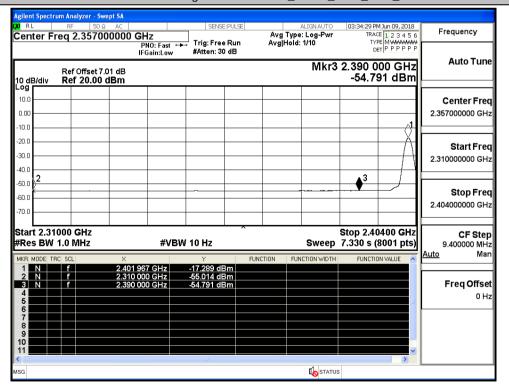
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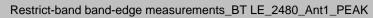
B.7 Restrict-band band-edge measurements

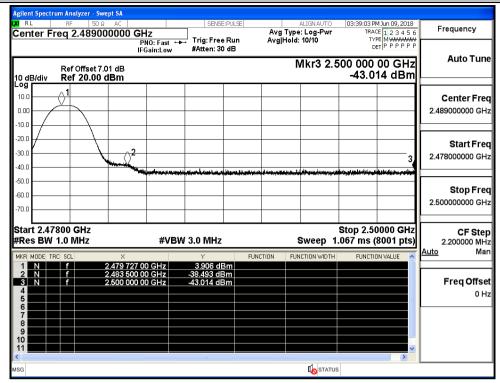
Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
		Ant1	2310.0	-43.86	2.0	0	51.40	PEAK	74	PASS
	2402	Ant1	2310.0	-55.01	2.0	0	40.24	AV	54	PASS
		Ant1	2390.0	-45.94	2.0	0	49.32	PEAK	74	PASS
		Ant1	2390.0	-54.79	2.0	0	40.47	AV	54	PASS
BT LE	2480	Ant1	2483.5	-38.49	2.0	0	56.76	PEAK	74	PASS
		Ant1	2483.5	-51.71	2.0	0	43.55	AV	54	PASS
		Ant1	2500.0	-43.01	2.0	0	52.24	PEAK	74	PASS
		Ant1	2500.0	-54.42	2.0	0	40.84	AV	54	PASS



Restrict-band band-edge measurements_BT LE_2402_Ant1_AV







Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

