Appendix A

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

Product Name: Bluetooth headphones with ANC BT-300ANC Trade Mark: N/A

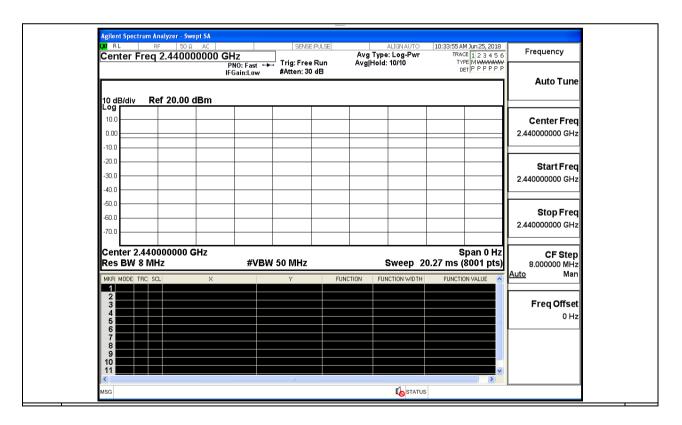
Test Model: 33834

Environmental Conditions

Temperature:	22.2° C
Relative Humidity:	53.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Mina Xu
Supervised by:	Jayden Zhuo

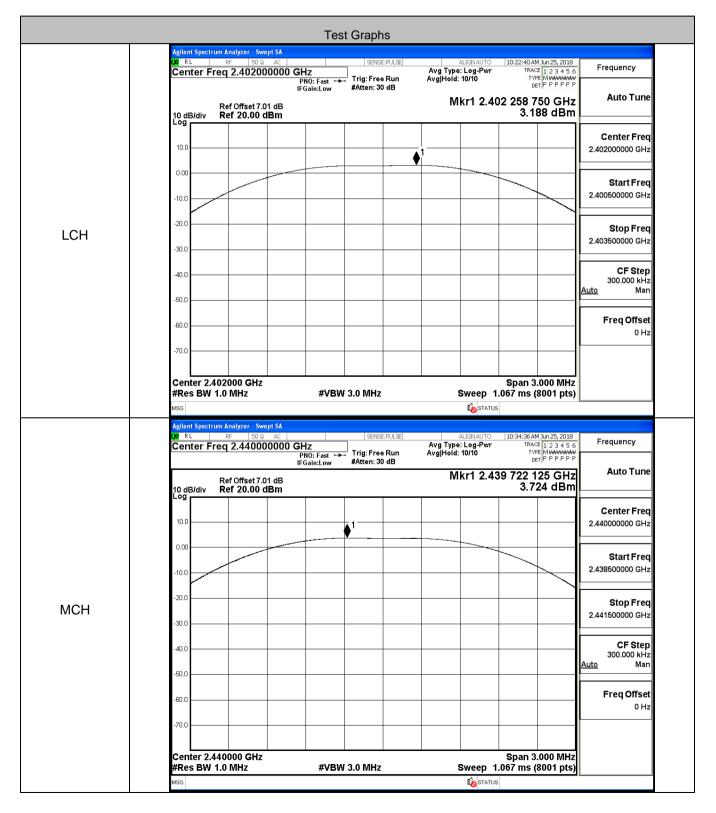
A.1 Duty Cycle

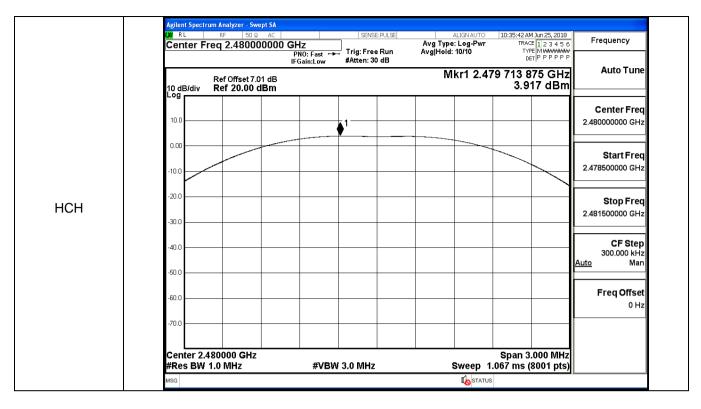
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
BT LE	2440	Ant1	100	PASS



A.2 Maximum Conducted Peak Output Power

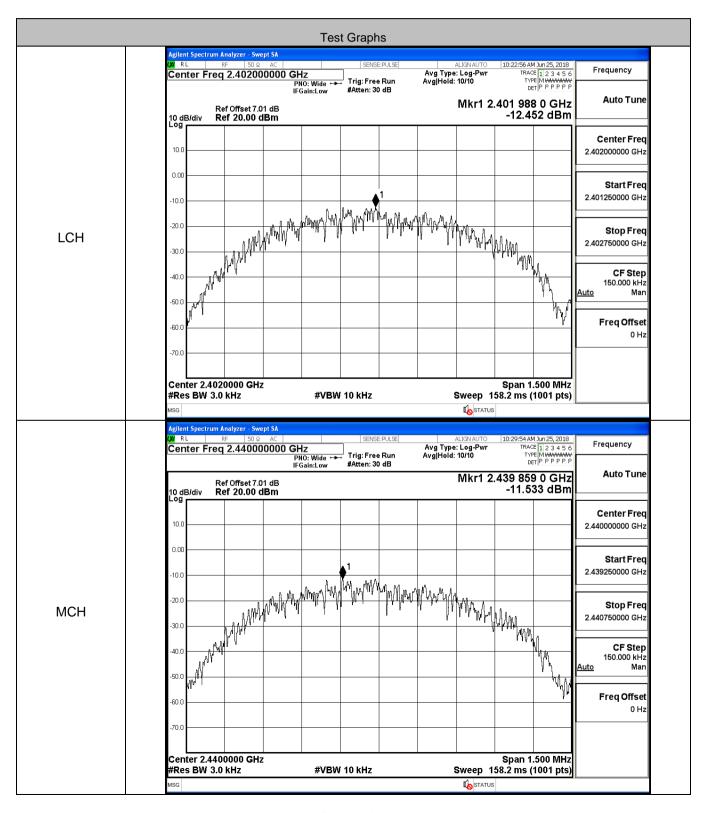
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	3.188	30	PASS
BT LE	мсн	3.724	30	PASS
BT LE	НСН	3.917	30	PASS





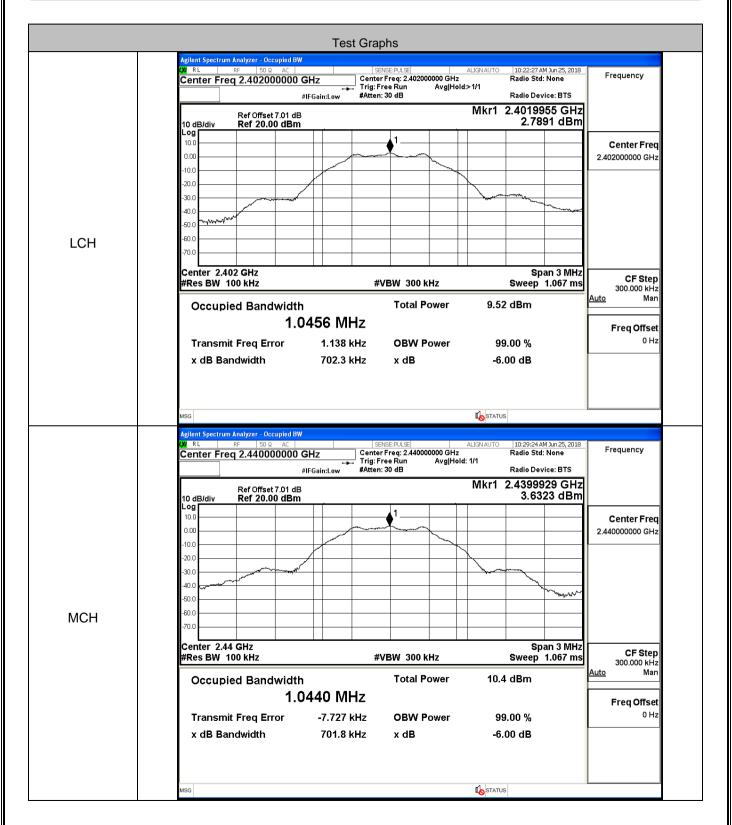
A.3 Maximum Power Spectral Density

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-12.452	8	PASS
BT LE	MCH	-11.533	8	PASS
BT LE	HCH	-11.177	8	PASS



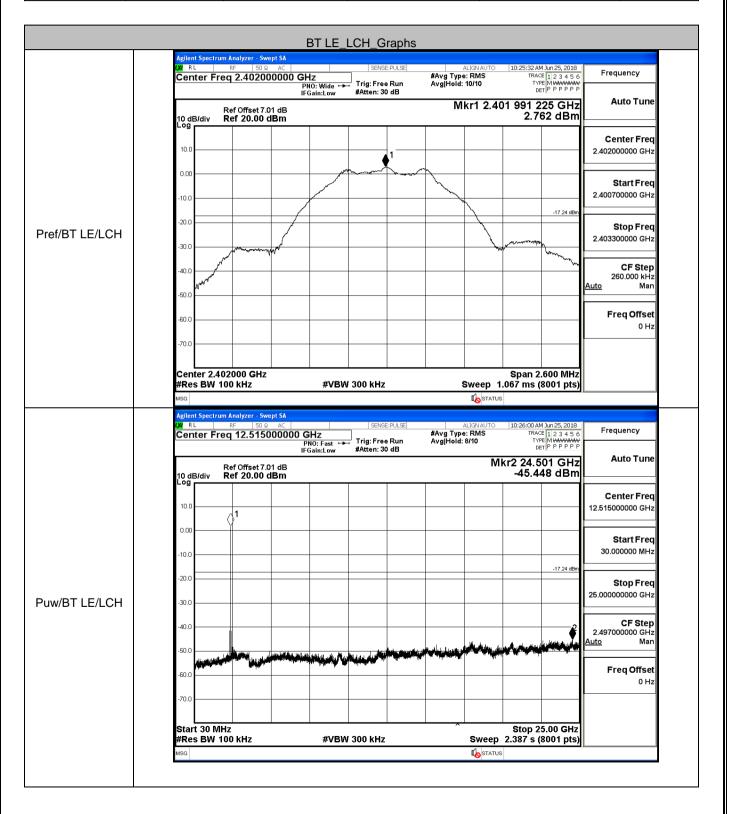
A.4 6dB Bandwidth

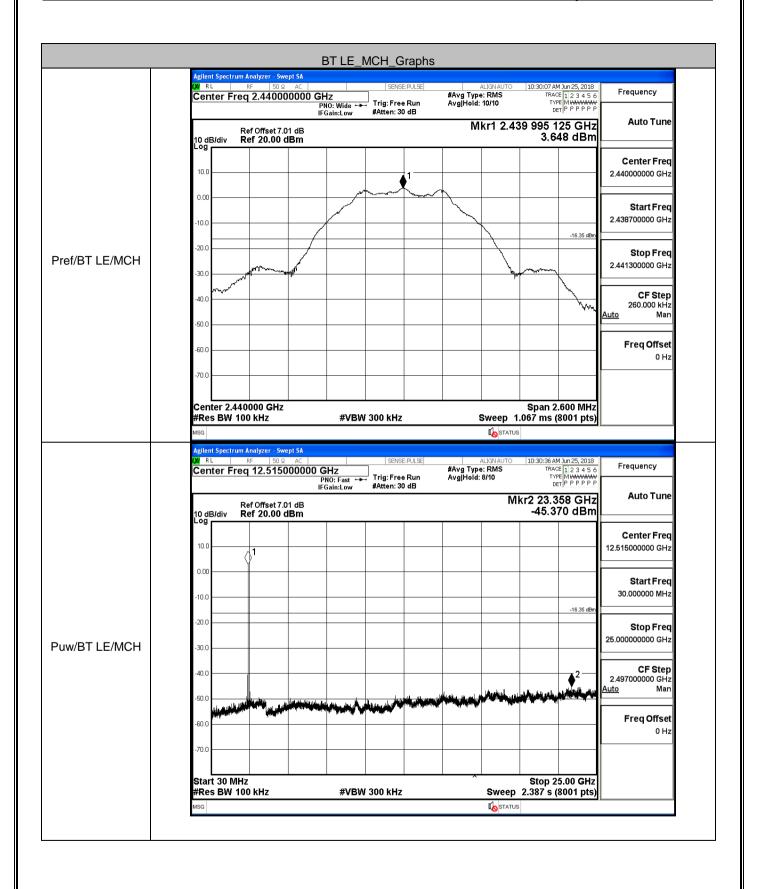
Mode	Channel	6dB Bandwidth [MHz]	/lHz] Limit [MHz]	
BT LE	LCH	0.7023	≥0.5	PASS
BT LE	MCH	0.7018	≥0.5	PASS
BT LE	HCH	0.6859	≥0.5	PASS

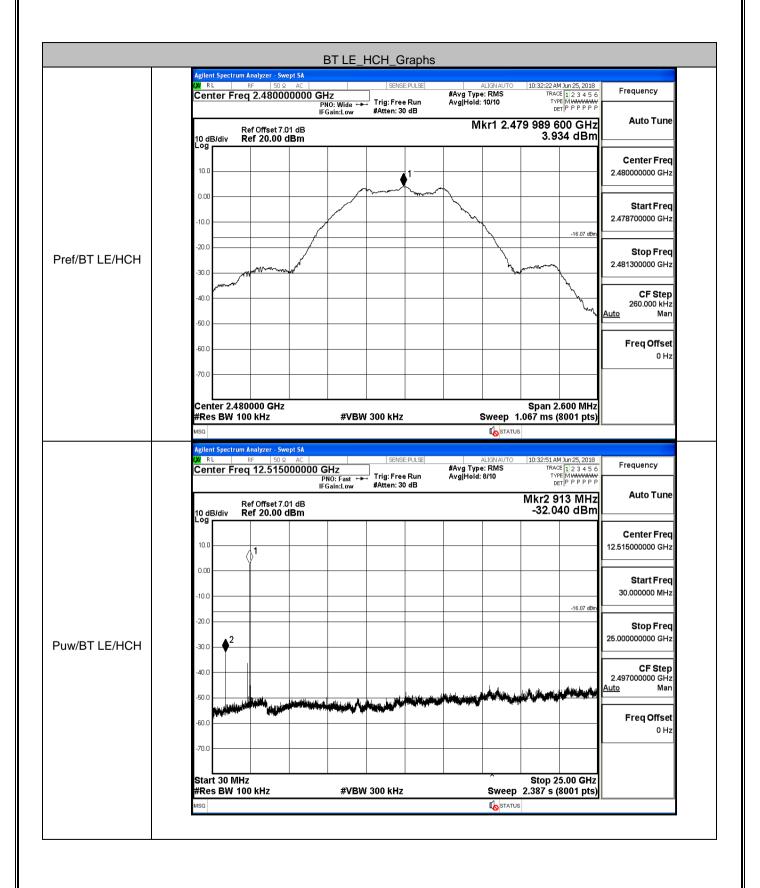


A.5 RF Conducted Spurious Emissions

Mode	Channel Pref [dBm]		Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	2.762	-45.448	-17.238	PASS
BT LE	MCH	3.648	-45.370	-16.352	PASS
BT LE	НСН	3.934	-32.040	-16.066	PASS

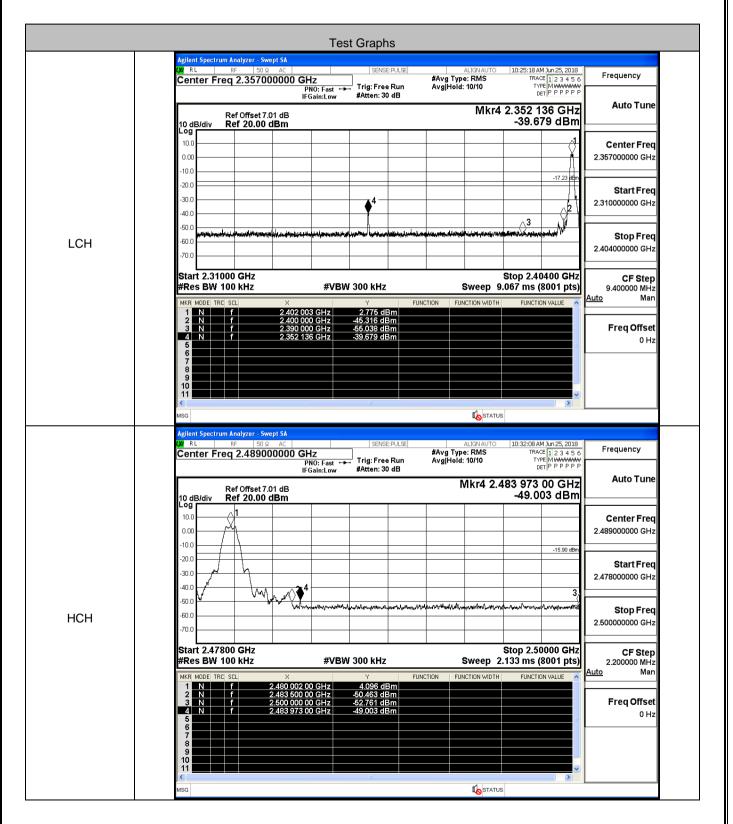






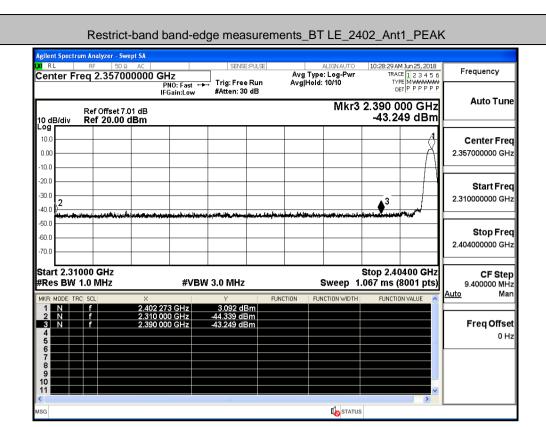
A.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	2.775	-39.679	-17.23	PASS
BT LE	HCH	4.096	-49.003	-15.9	PASS

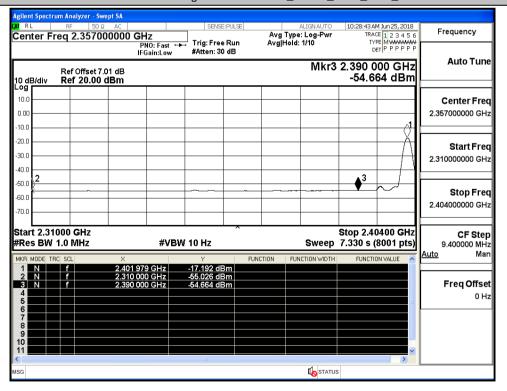


A.7 Restrict-band band-edge measurements

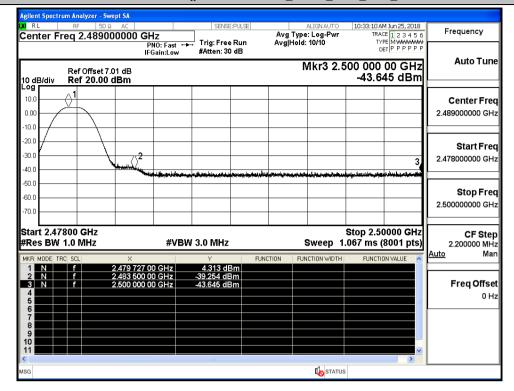
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
		Ant1	2310.0	-44.34	2.0	0	52.92	PEAK	74	PASS
		Ant1	2310.0	-55.03	2.0	0	42.23	AV	54	PASS
	2402	Ant1	2390.0	-43.25	2.0	0	54.01	PEAK	74	PASS
		Ant1	2390.0	-54.66	2.0	0	42.59	AV	54	PASS
BT LE		Ant1	2483.5	-39.25	2.0	0	58.00	PEAK	74	PASS
	2480	Ant1	2483.5	-51.78	2.0	0	45.48	AV	54	PASS
		Ant1	2500.0	-43.65	2.0	0	53.61	PEAK	74	PASS
		Ant1	2500.0	-54.26	2.0	0	43.00	AV	54	PASS



Restrict-band band-edge measurements_BT LE_2402_Ant1_AV



Restrict-band band-edge measurements_BT LE_2480_Ant1_PEAK



Restrict-band band-edge measurements_BT LE_2480_Ant1_AV

