# Appendix A

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

**Product Name: VIGOR 5** 

Trade Mark: **贝, 军拓** JTOUR

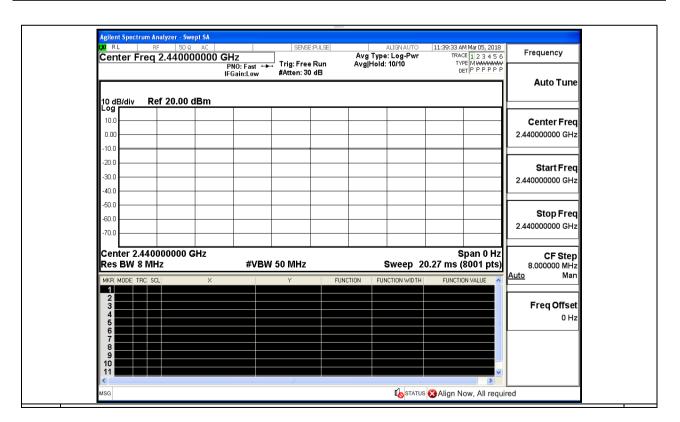
Test Model: JW901

### **Environmental Conditions**

Temperature:	22.8 ° C
Relative Humidity:	50.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Mina.xu
Supervised by:	Tom.Liu

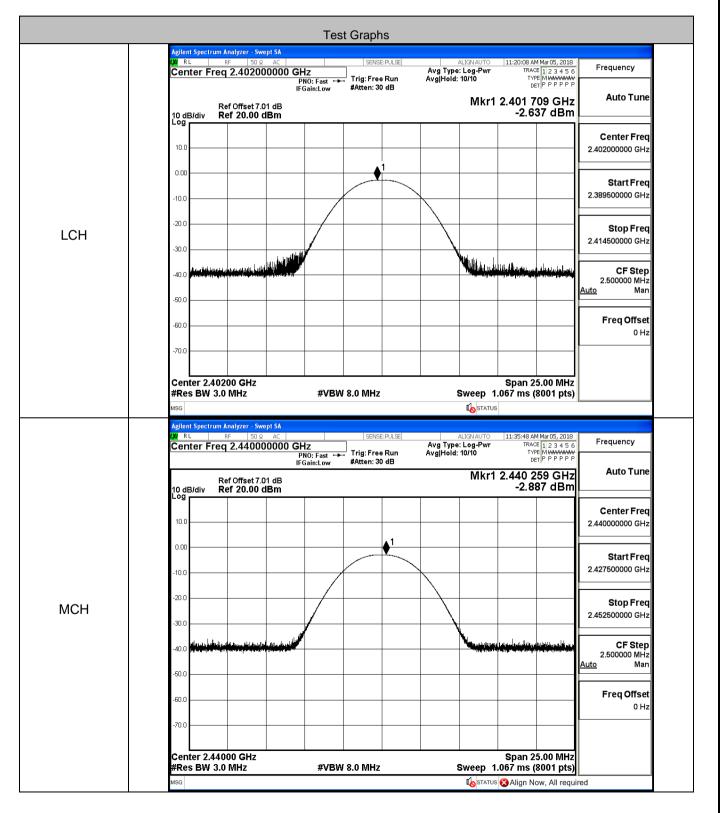
## A.1 Duty Cycle

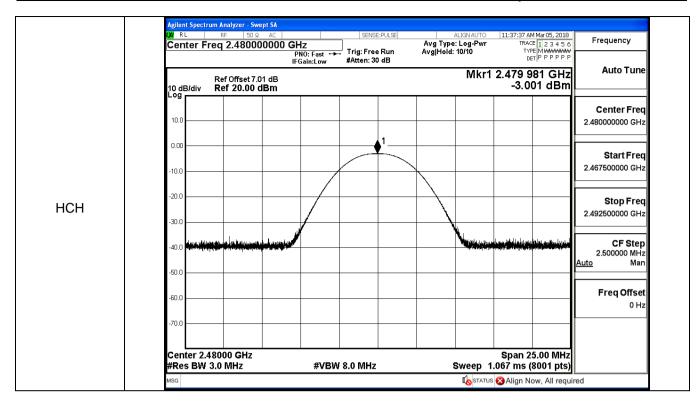
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict	
BT LE	2440	Ant1	100	PASS	



## A.2 Maximum Conducted Peak Output Power

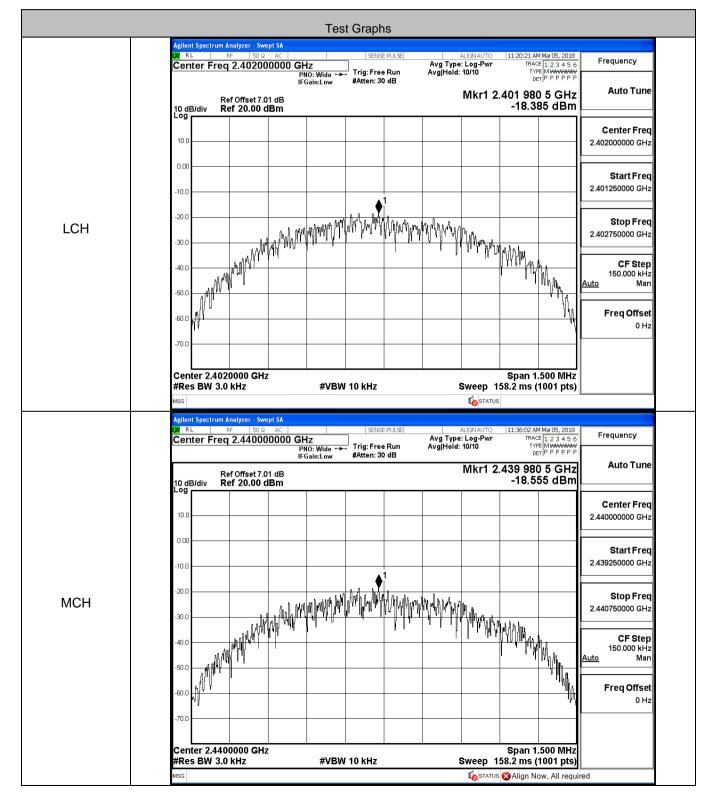
Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.637	30	PASS
BT LE	MCH	-2.887	30	PASS
BT LE	HCH	-3.001	30	PASS

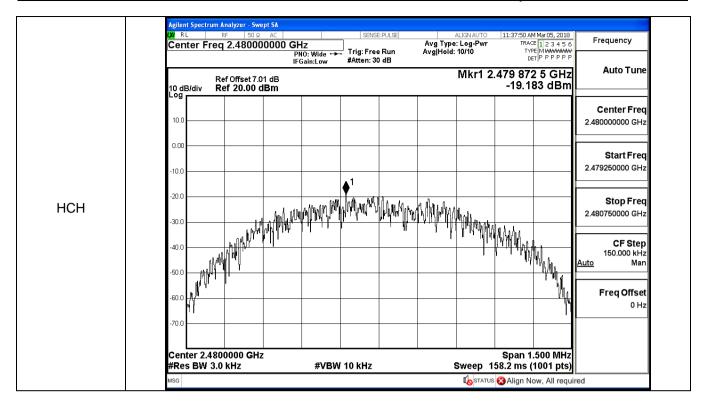




## **A.3 Maximum Power Spectral Density**

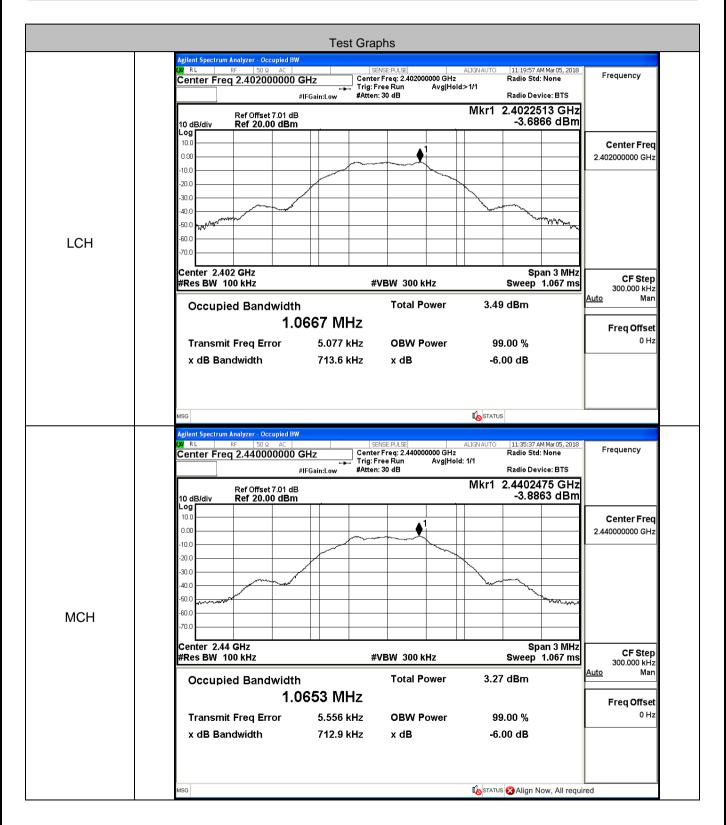
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-18.385	8	PASS
BT LE	MCH	-18.555	8	PASS
BT LE	HCH	-19.183	8	PASS

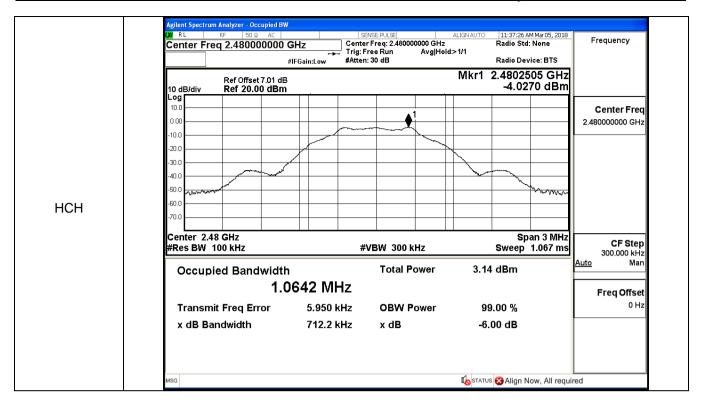




### A.4 6dB Bandwidth

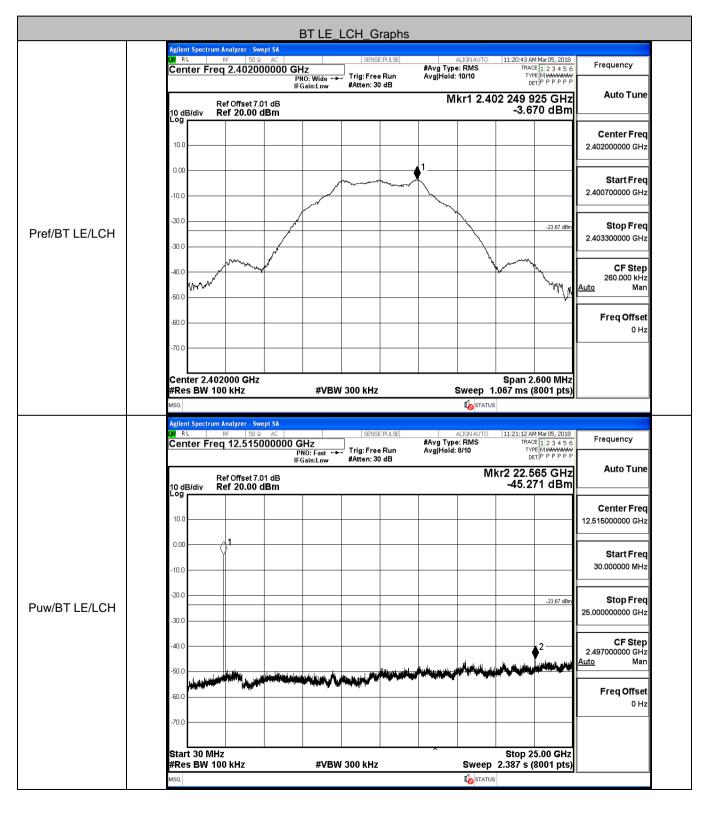
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.7136	≥0.5	PASS
BT LE	MCH	0.7129	≥0.5	PASS
BT LE	HCH	0.7122	≥0.5	PASS

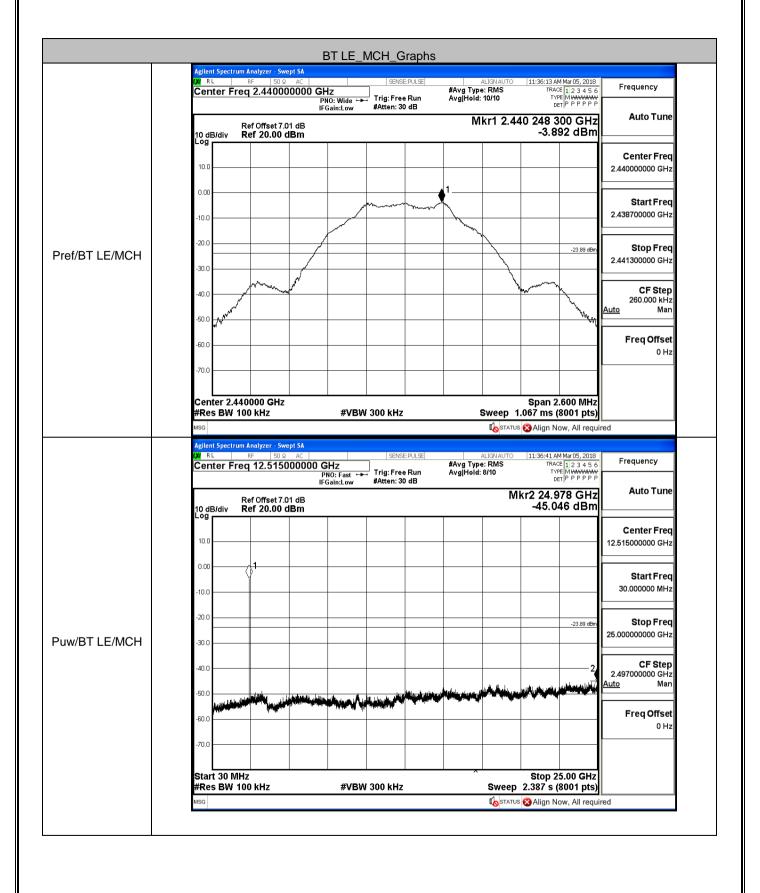


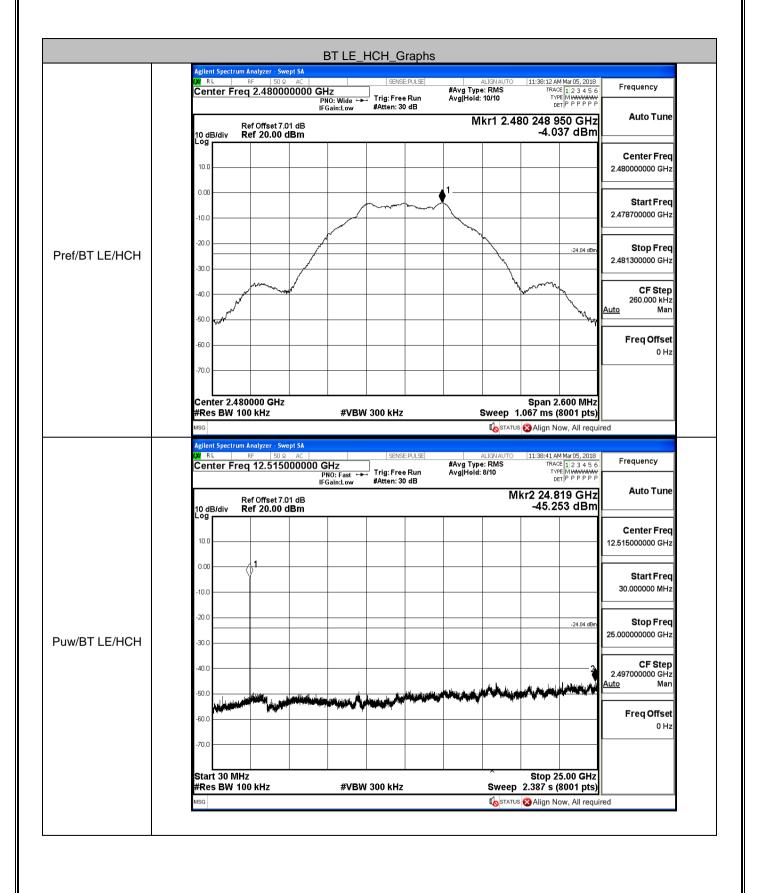


## A.5 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-3.67	-45.271	<-23.67	PASS
BT LE	MCH	-3.892	-45.046	<-23.89	PASS
BT LE	НСН	-4.037	-45.253	<-24.04	PASS

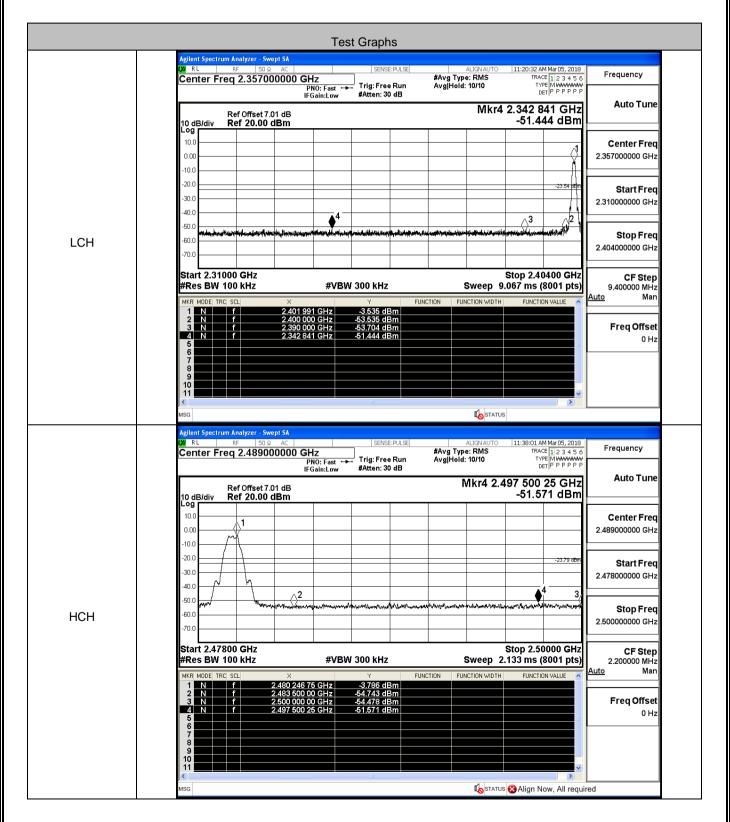






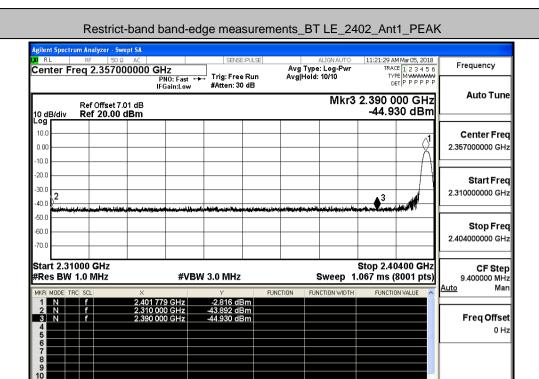
## A.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-3.535	-51.444	-23.54	PASS
BT LE	HCH	-3.786	-51.571	-23.79	PASS



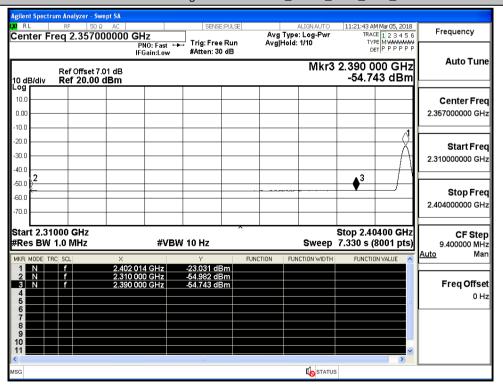
# A.7 Restrict-band band-edge measurements

Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
		Ant1	2310.0	-43.89	2.0	0	51.37	PEAK	74	PASS
	2402	Ant1	2310.0	-54.98	2.0	0	40.28	AV	54	PASS
		Ant1	2390.0	-44.93	2.0	0	50.33	PEAK	74	PASS
		Ant1	2390.0	-54.74	2.0	0	40.51	AV	54	PASS
BT LE	2480	Ant1	2483.5	-43.02	2.0	0	52.24	PEAK	74	PASS
		Ant1	2483.5	-54.58	2.0	0	40.68	AV	54	PASS
		Ant1	2500.0	-44.17	2.0	0	51.09	PEAK	74	PASS
		Ant1	2500.0	-54.45	2.0	0	40.81	AV	54	PASS

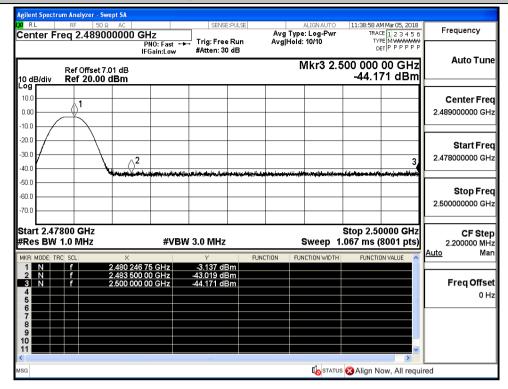


#### Restrict-band band-edge measurements\_BT LE\_2402\_Ant1\_AV

STATUS



### Restrict-band band-edge measurements\_BT LE\_2480\_Ant1\_PEAK



#### Restrict-band band-edge measurements\_BT LE\_2480\_Ant1\_AV

