## **Appendix B**

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

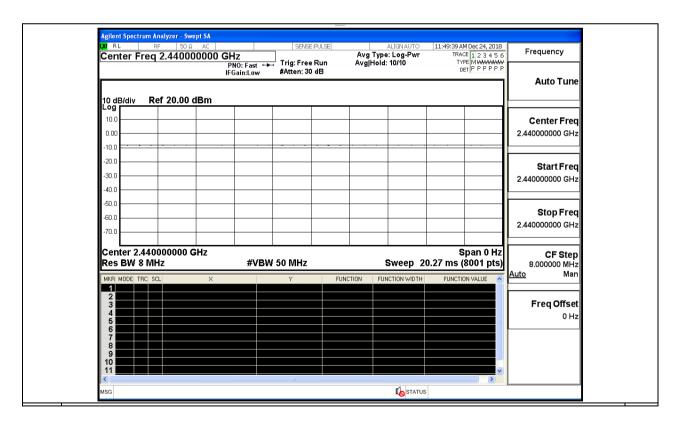
Product Name: Smart Phone
Trade Mark: Kalley
Test Model: BLACK PRO

### **Environmental Conditions**

<del>_</del>						
Temperature:	23.6 ° C					
Relative Humidity:	52.1%					
ATM Pressure:	100.0 kPa					
Test Engineer:	WANG CHUANG					
Supervised by:	Jayden Zhuo					

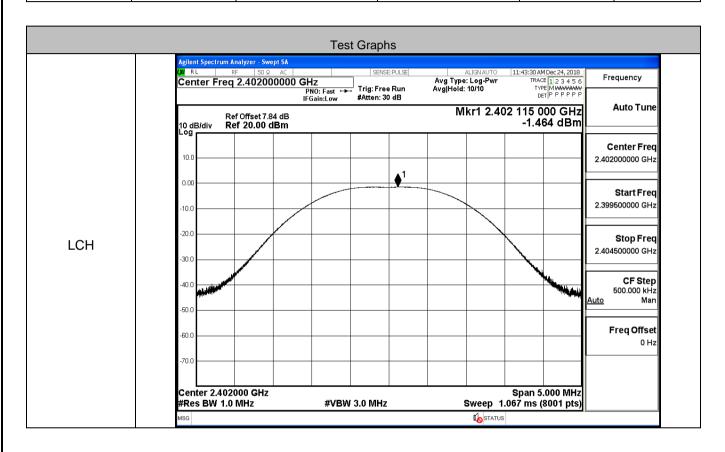
## **B.1 Duty Cycle**

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



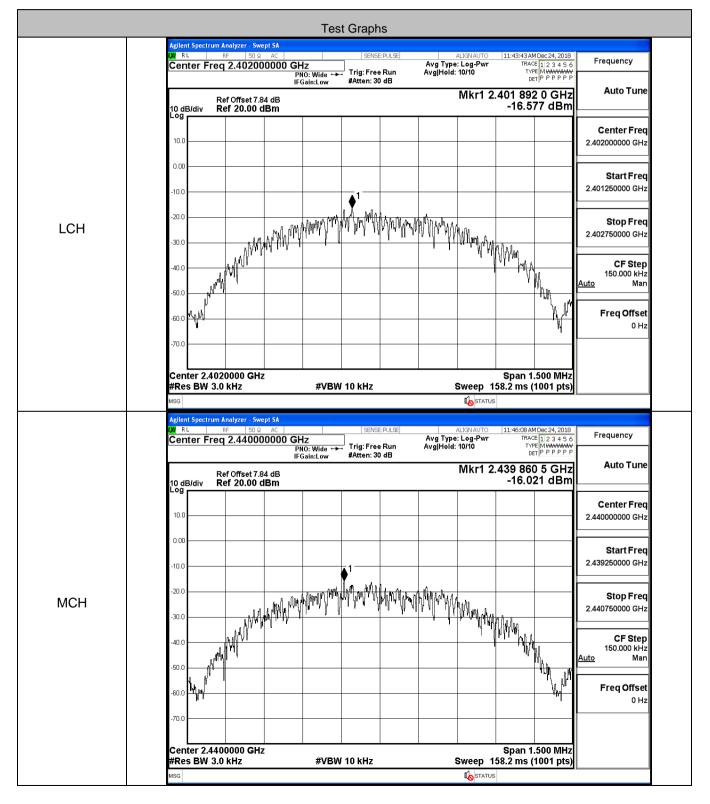
## **B.2 Maximum Conducted Peak Output Power**

Mode	Channel	Conduct Peak Power[dBm]	Conduct Average Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	-1.464	-1.627	30	PASS
BT LE	МСН	-0.526	-0.696	30	PASS
BT LE	НСН	0.286	0.150	30	PASS

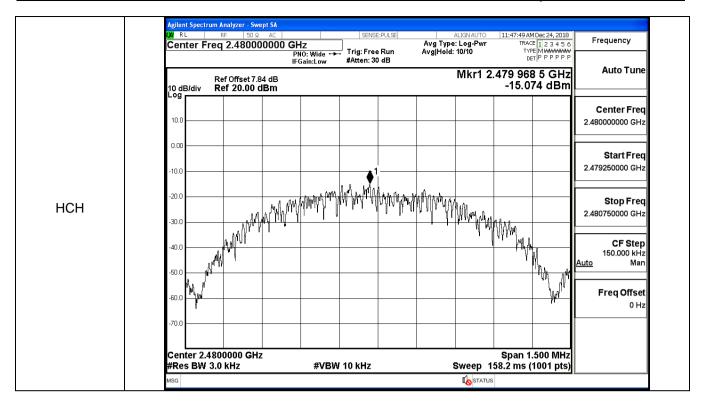


### **B.3 Maximum Power Spectral Density**

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-16.577	8	PASS
BT LE	MCH	-16.021	8	PASS
BT LE	НСН	-15.074	8	PASS

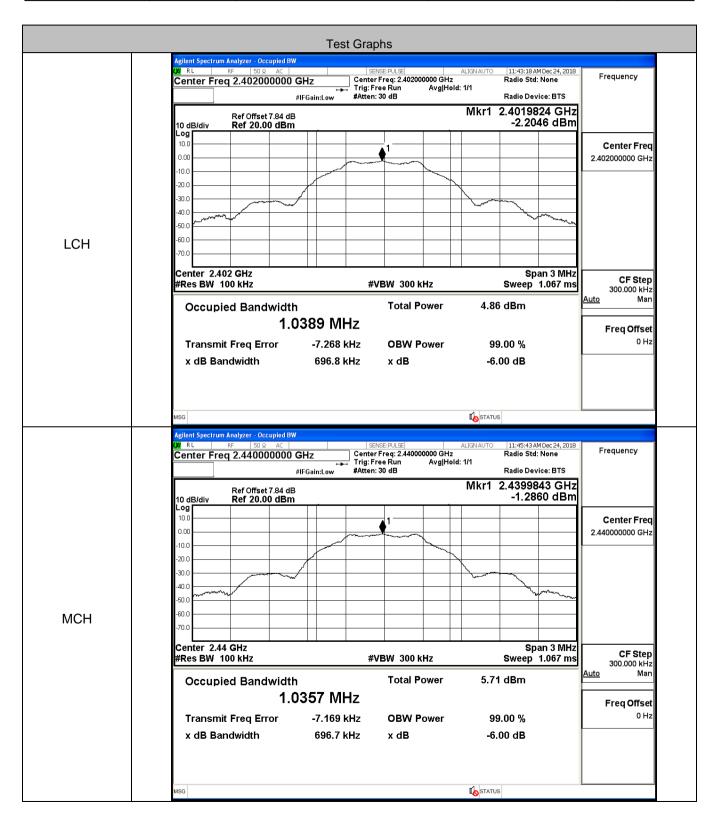


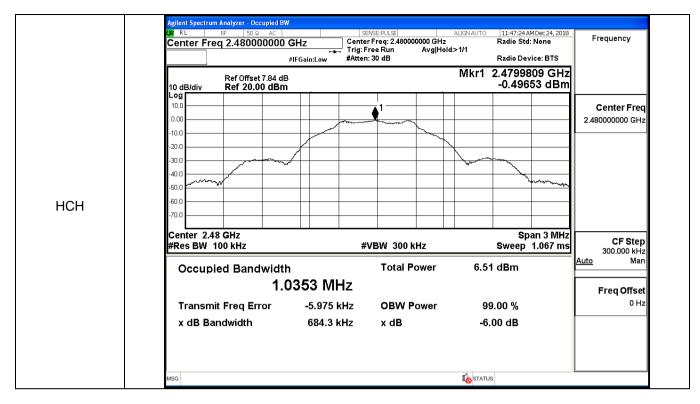
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## B.4 6dB Bandwidth

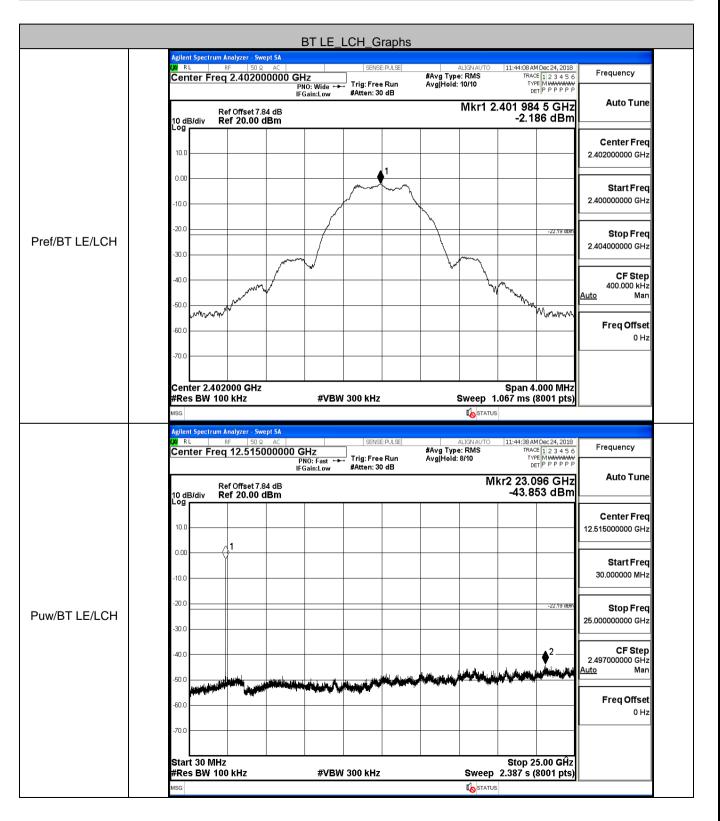
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6968	≥0.5	PASS
BT LE	MCH	0.6967	≥0.5	PASS
BT LE	HCH	0.6843	≥0.5	PASS

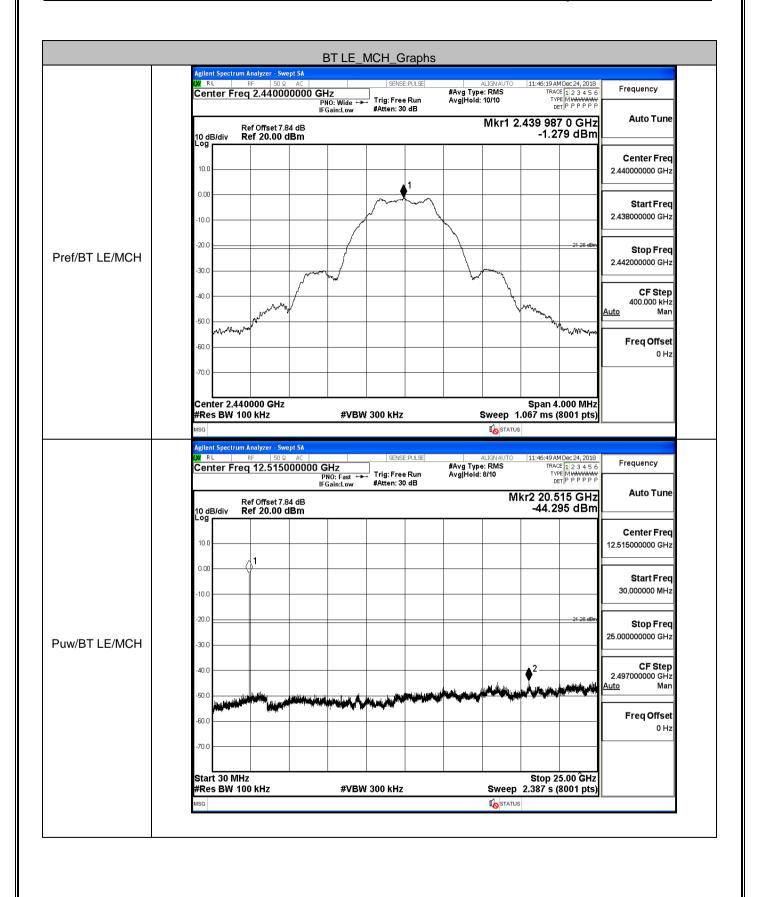


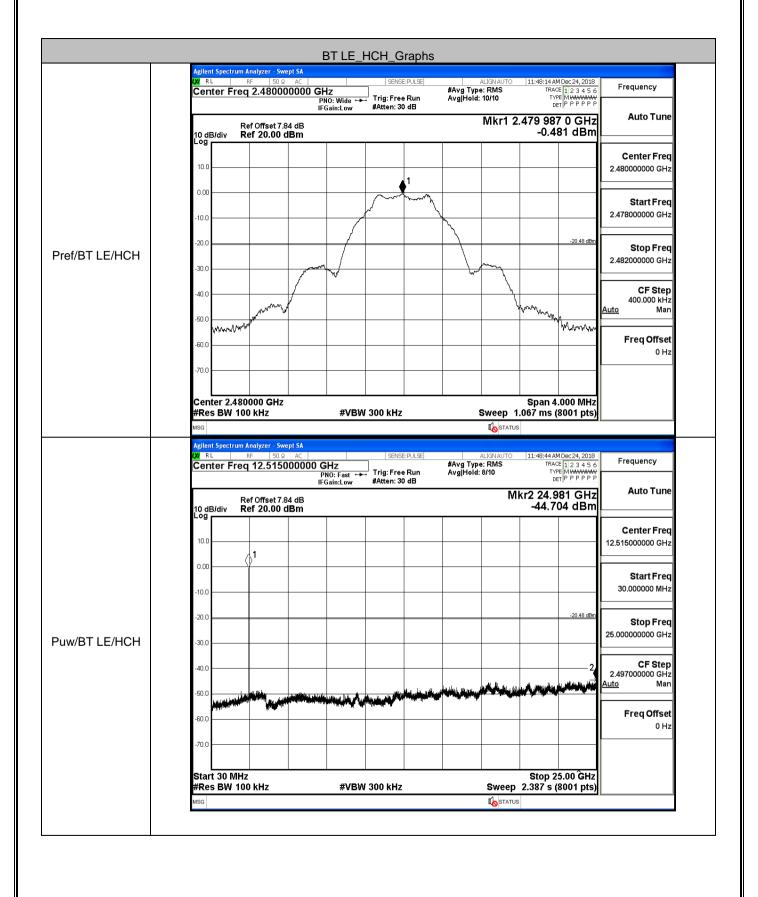


## **B.5 RF Conducted Spurious Emissions**

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.186	-43.853	-22.186	PASS
BT LE	MCH	-1.279	-44.295	-21.279	PASS
BT LE	HCH	-0.481	-44.704	-20.481	PASS

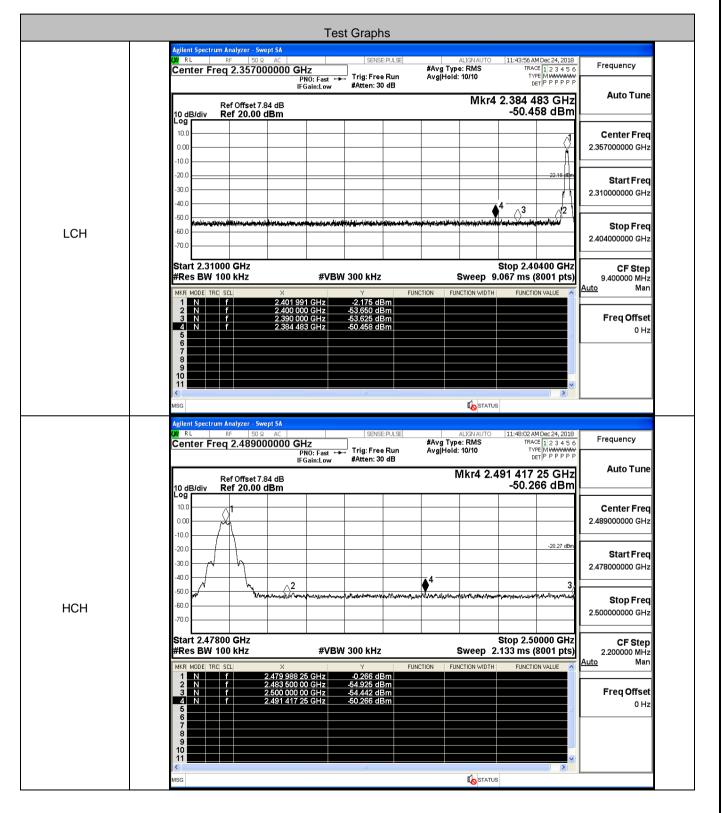






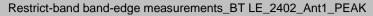
### **B.6 Band-edge for RF Conducted Emissions**

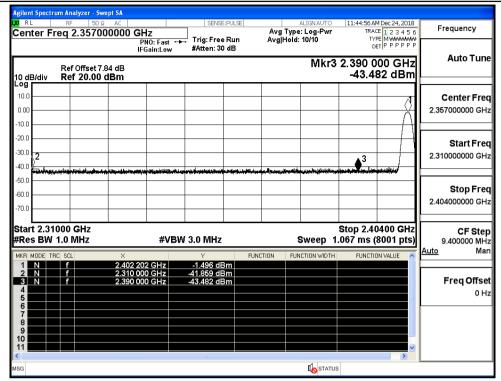
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-2.175	-50.458	-22.18	PASS
BT LE	HCH	-0.266	-50.266	-20.27	PASS



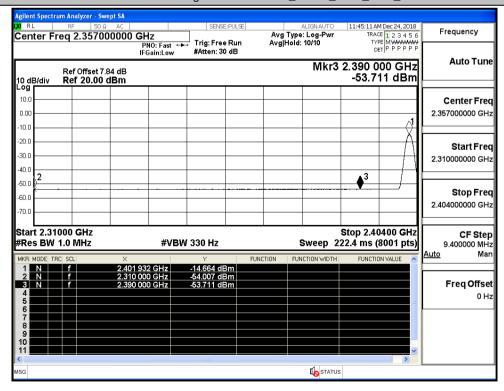
# **B.7 Restrict-band band-edge measurements**

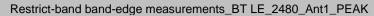
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
		Ant1	2310.0	-41.86	2.0	0	53.40	PEAK	74	PASS
		Ant1	2310.0	-54.01	2.0	0	41.25	AV	54	PASS
	2402	Ant1	2390.0	-43.48	2.0	0	51.78	PEAK	74	PASS
		Ant1	2390.0	-53.71	2.0	0	41.55	AV	54	PASS
BT LE		Ant1	2483.5	-43.09	2.0	0	52.17	PEAK	74	PASS
	2480	Ant1	2483.5	-53.41	2.0	0	41.84	AV	54	PASS
		Ant1	2500.0	-42.92	2.0	0	52.33	PEAK	74	PASS
		Ant1	2500.0	-53.36	2.0	0	41.90	AV	54	PASS

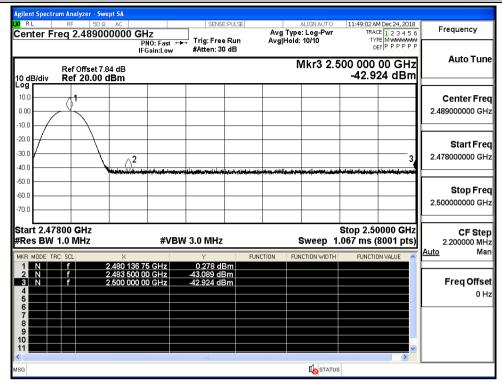




#### Restrict-band band-edge measurements\_BT LE\_2402\_Ant1\_AV







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

