# **Appendix B**

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

**Product Name: LTE GSM/WCDMA Smartphone** 

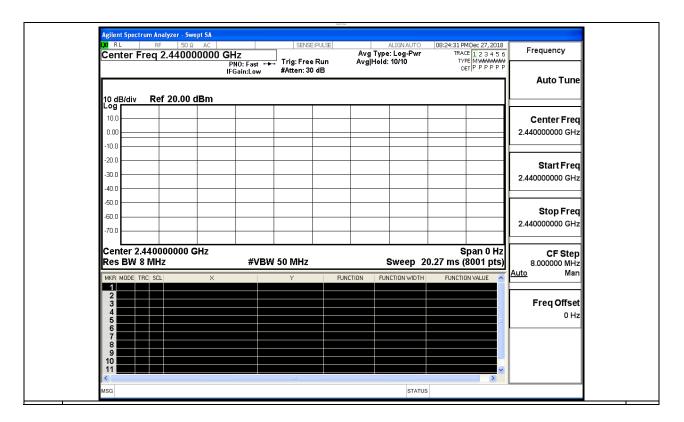
Trade Mark: DOOGEE
Test Model: S60 Lite

#### **Environmental Conditions**

Temperature:	24.1 ° C					
Relative Humidity:	53.1%					
ATM Pressure:	100.0 kPa					
Test Engineer:	Tom.Liu					
Supervised by:	Jayden.Zhuo					

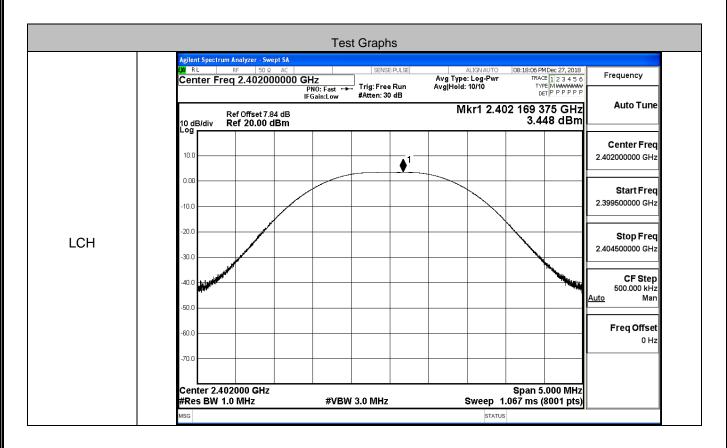
# **B.1 Duty Cycle**

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



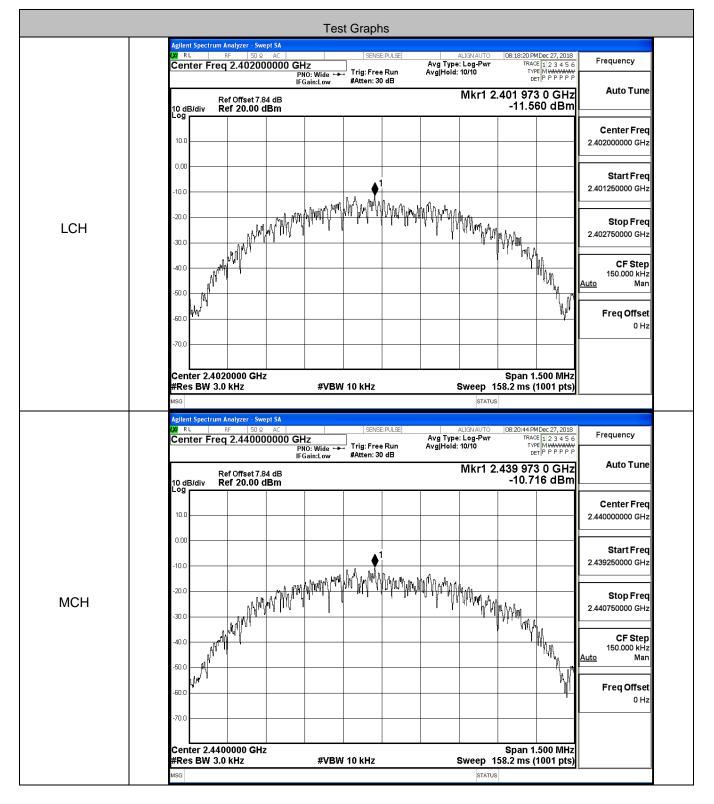
## **B.2 Maximum Conducted Output Power**

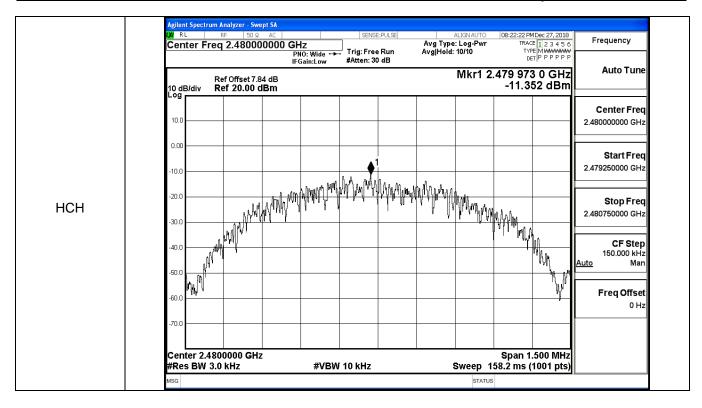
Mode	Channel	Conduct Peak Power[dBm]			Verdict
BT LE	LCH	3.448	1.657	30	PASS
BT LE	MCH	4.170	2.152	30	PASS
BT LE	HCH	3.632	1.769	30	PASS



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

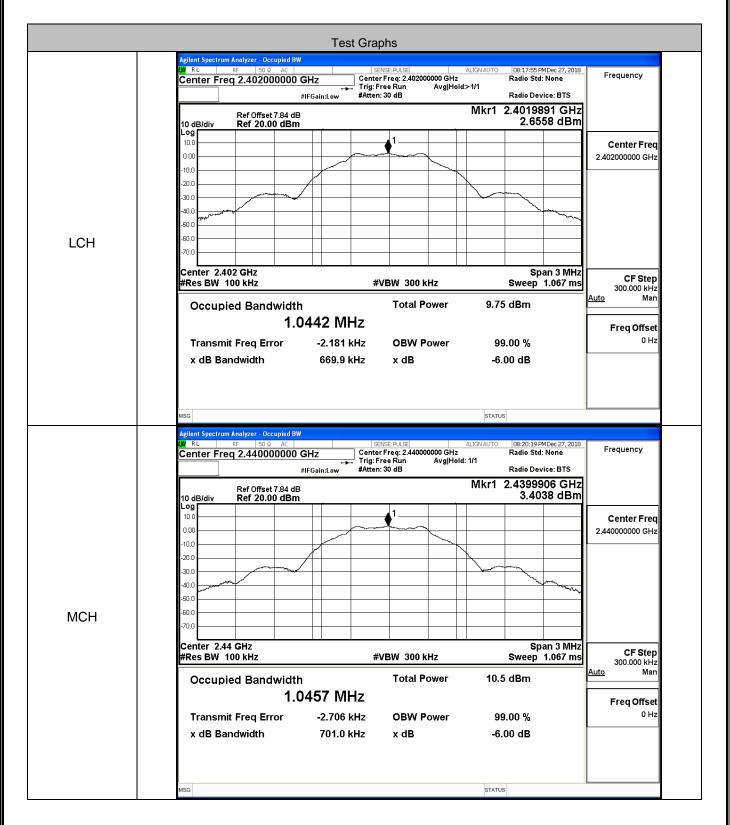
Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-11.560	8	PASS
BT LE	MCH	-10.716	8	PASS
BT LE	HCH	-11.352	8	PASS

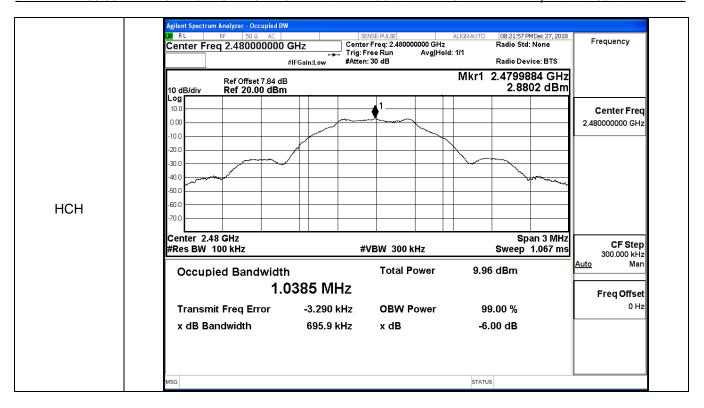




#### **B.4 6dB Bandwidth**

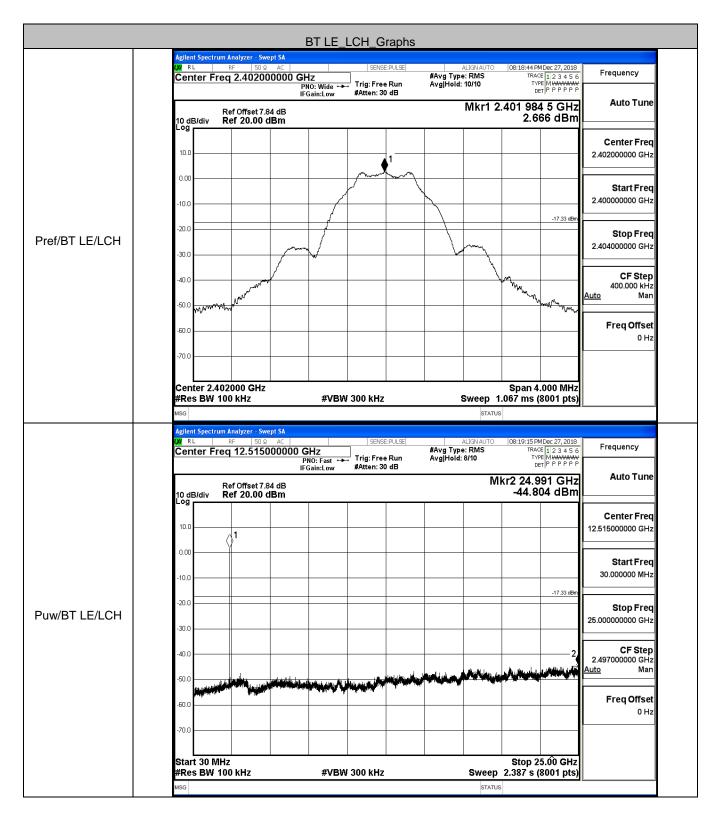
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.6699	≥0.5	PASS
BT LE	MCH	0.7010	≥0.5	PASS
BT LE	HCH	0.6959	≥0.5	PASS



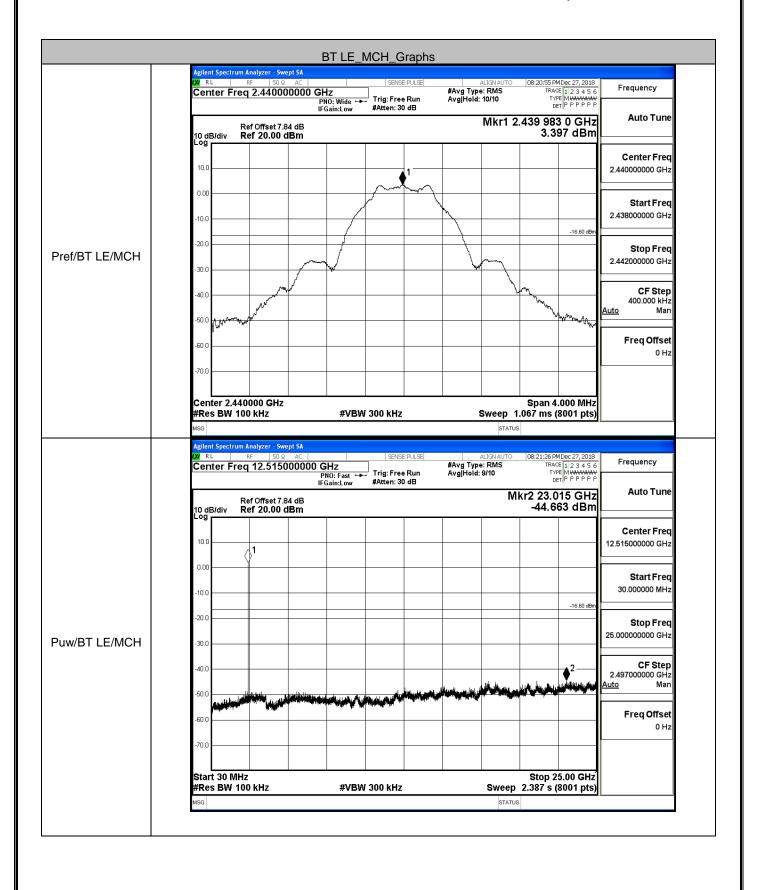


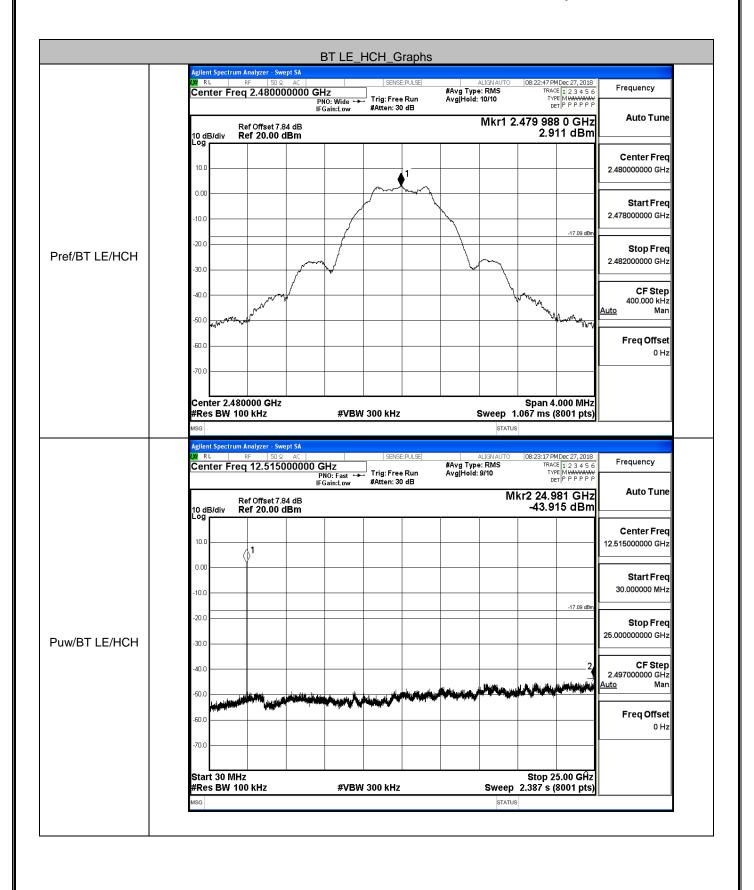
## **B.5 RF Conducted Spurious Emissions**

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	2.666	-44.804	-17.334	PASS
BT LE	MCH	3.397	-44.663	-16.603	PASS
BT LE	НСН	2.911	-43.915	-17.089	PASS



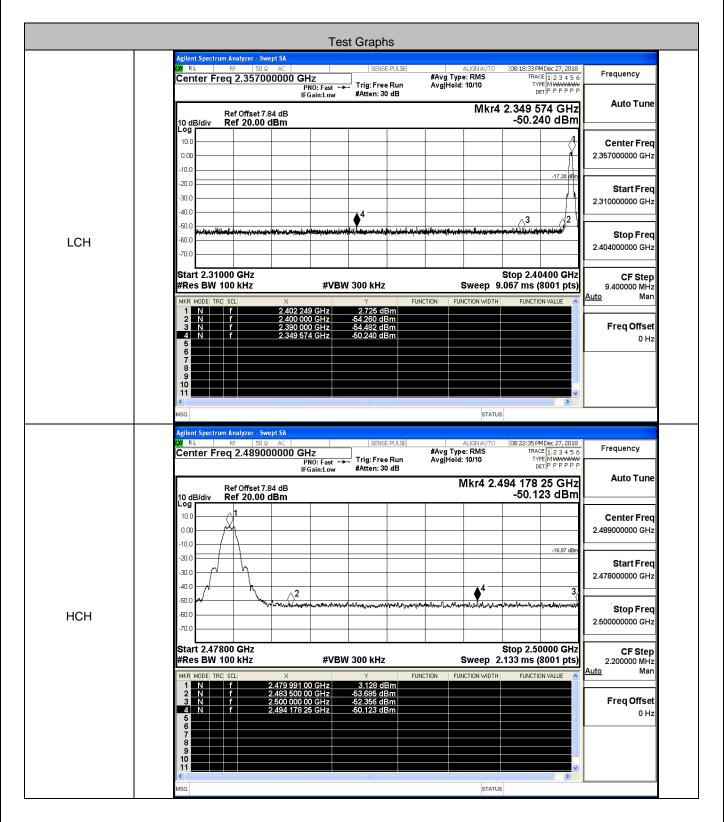
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD.	FCC ID: 2ADTE-S60LITE	Report No.: LCS181213041AEC
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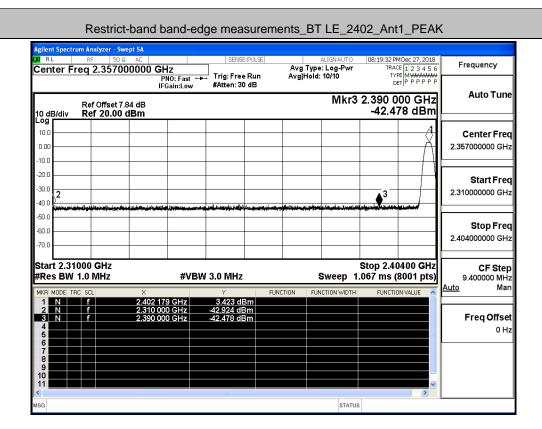
## **B.6 Band-edge for RF Conducted Emissions**

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	2.725	-50.240	-17.28	PASS
BT LE	HCH	3.128	-50.123	-16.87	PASS

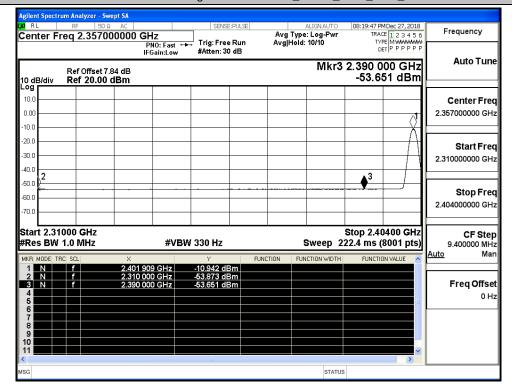


# **B.7 Restrict-band band-edge measurements**

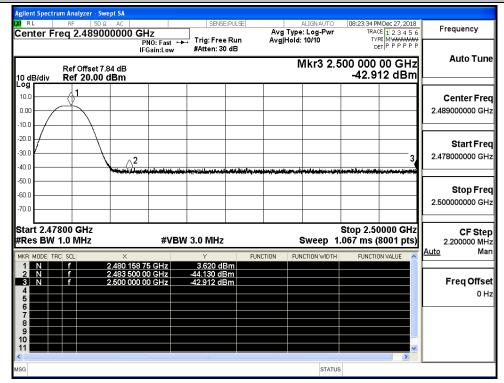
Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
		Ant1	2310.0	-42.92	2.0	0	54.33	PEAK	74	PASS
		Ant1	2310.0	-53.87	2.0	0	43.38	AV	54	PASS
	2402	Ant1	2390.0	-42.48	2.0	0	54.78	PEAK	74	PASS
		Ant1	2390.0	-53.65	2.0	0	43.61	AV	54	PASS
BT LE		Ant1	2483.5	-44.13	2.0	0	53.13	PEAK	74	PASS
	2480	Ant1	2483.5	-53.38	2.0	0	43.88	AV	54	PASS
		Ant1	2500.0	-42.91	2.0	0	54.35	PEAK	74	PASS
		Ant1	2500.0	-53.34	2.0	0	43.92	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

