## **Appendix B**

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

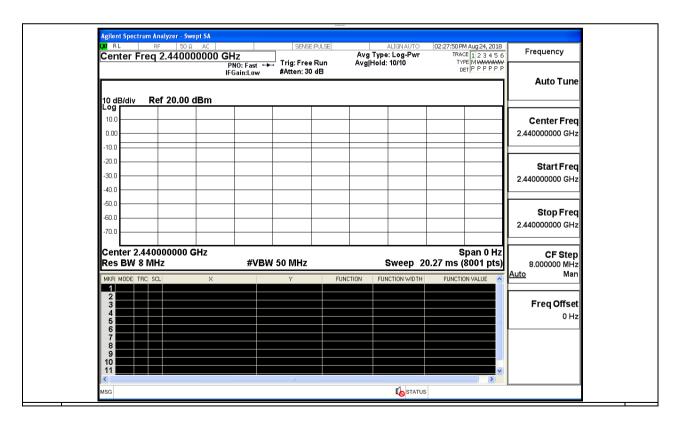
Product Name: smart media player
Trade Mark: ZIDOO
Test Model: Z9S

#### **Environmental Conditions**

<del>_</del>						
Temperature:	24.3° C					
Relative Humidity:	54.2%					
ATM Pressure:	100.0 kPa					
Test Engineer:	Tom.Liu					
Supervised by:	Jayden.Zhuo					

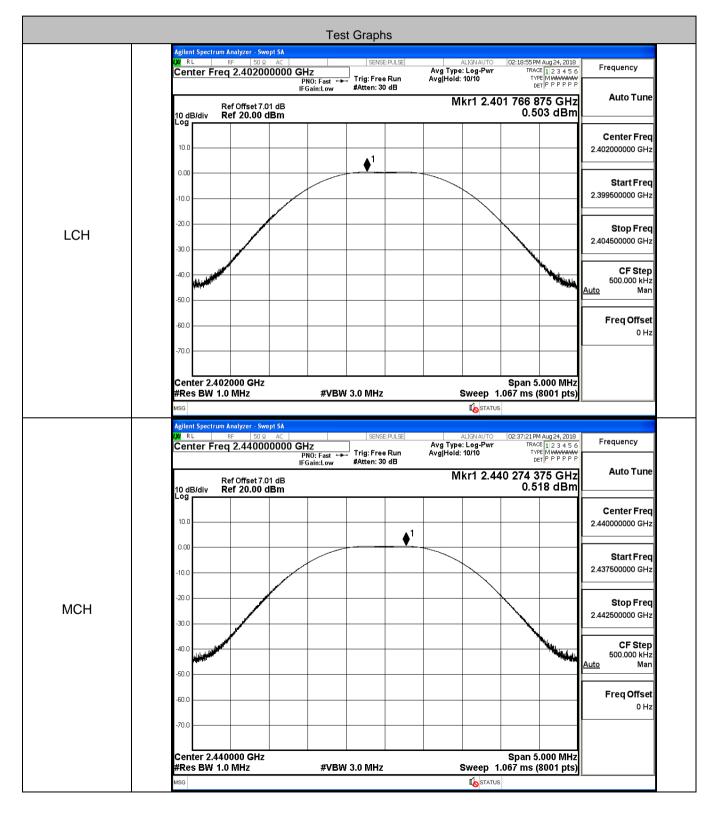
## **B.1 Duty Cycle**

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

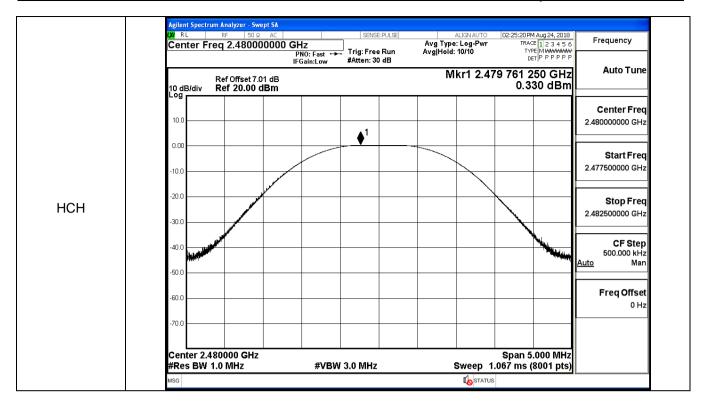


## **B.2 Maximum Conducted Peak Output Power**

Mode	Channel	Conduct Peak Power[dBm]	Limit [dBm]	Verdict
BT LE	LCH	0.503	30	PASS
BT LE	MCH	0.518	30	PASS
BT LE	HCH	0.330	30	PASS

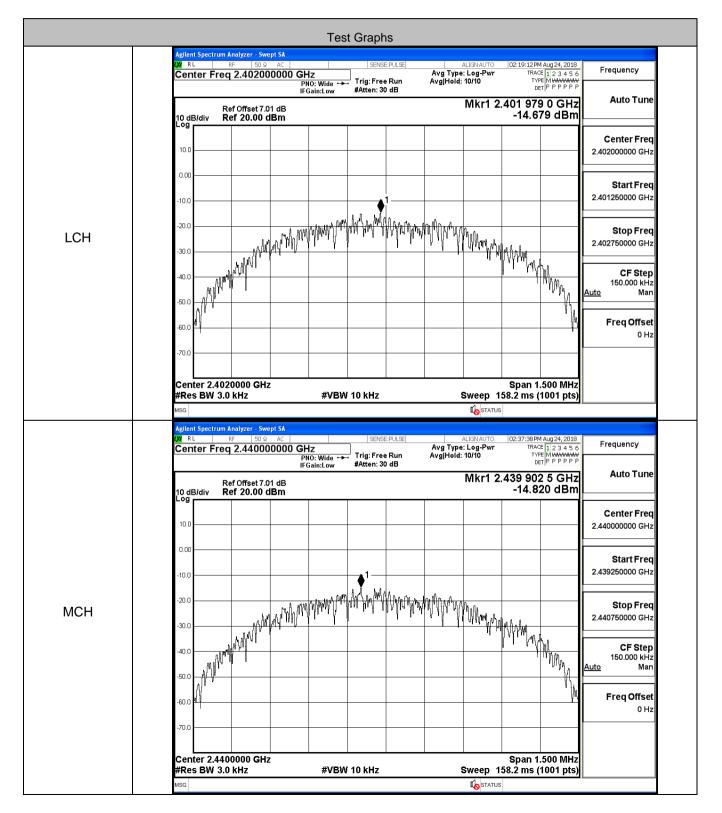


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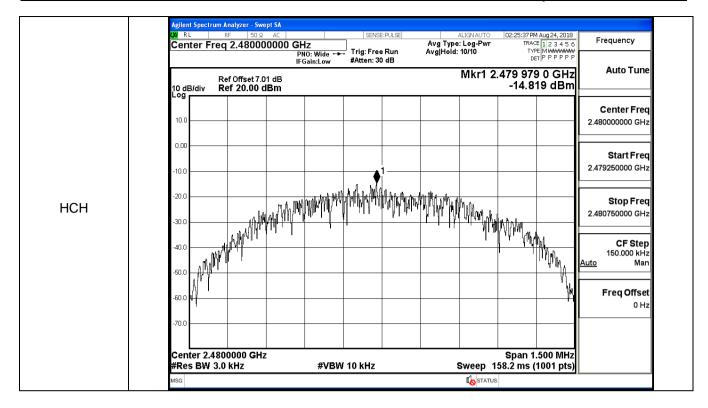


### **B.3 Maximum Power Spectral Density**

Mode	Channel	PSD [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
BT LE	LCH	-14.679	8	PASS
BT LE	MCH	-14.820	8	PASS
BT LE	НСН	-14.819	8	PASS

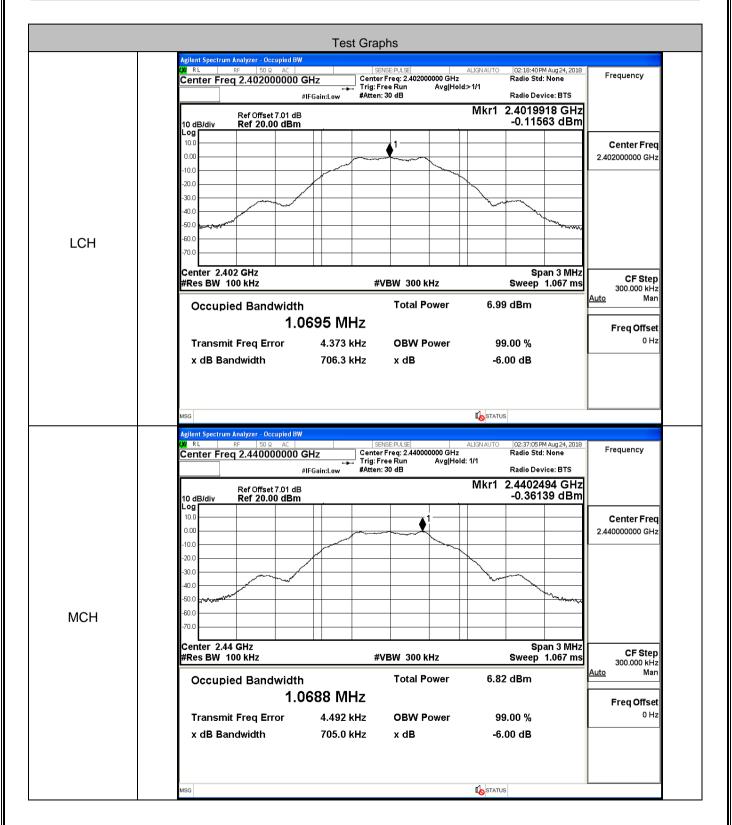


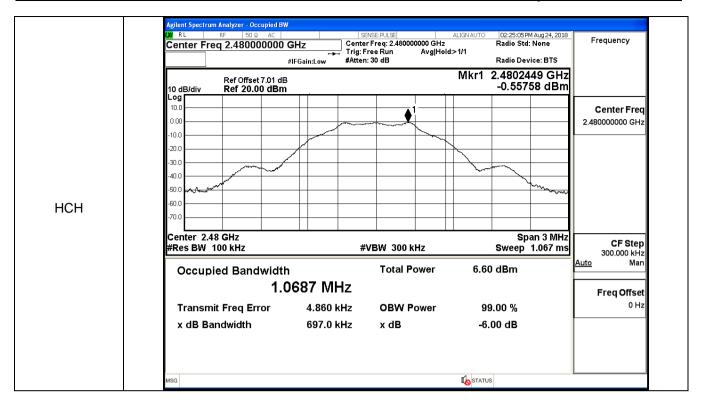
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#### **B.4 6dB Bandwidth**

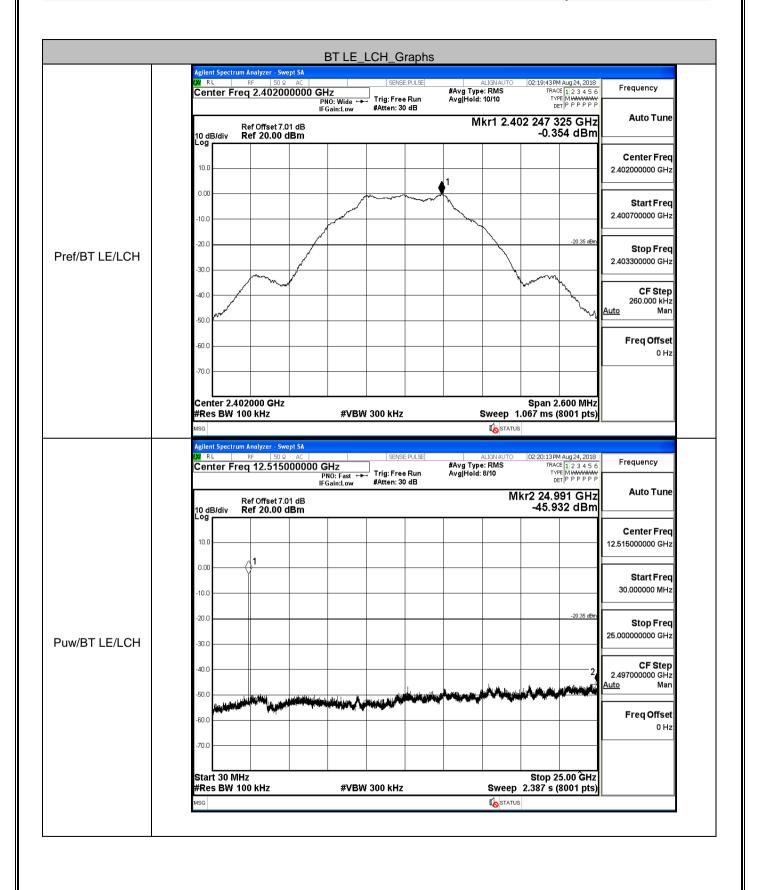
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
BT LE	LCH	0.7063	≥0.5	PASS
BT LE	MCH	0.7050	≥0.5	PASS
BT LE	HCH	0.6970	≥0.5	PASS

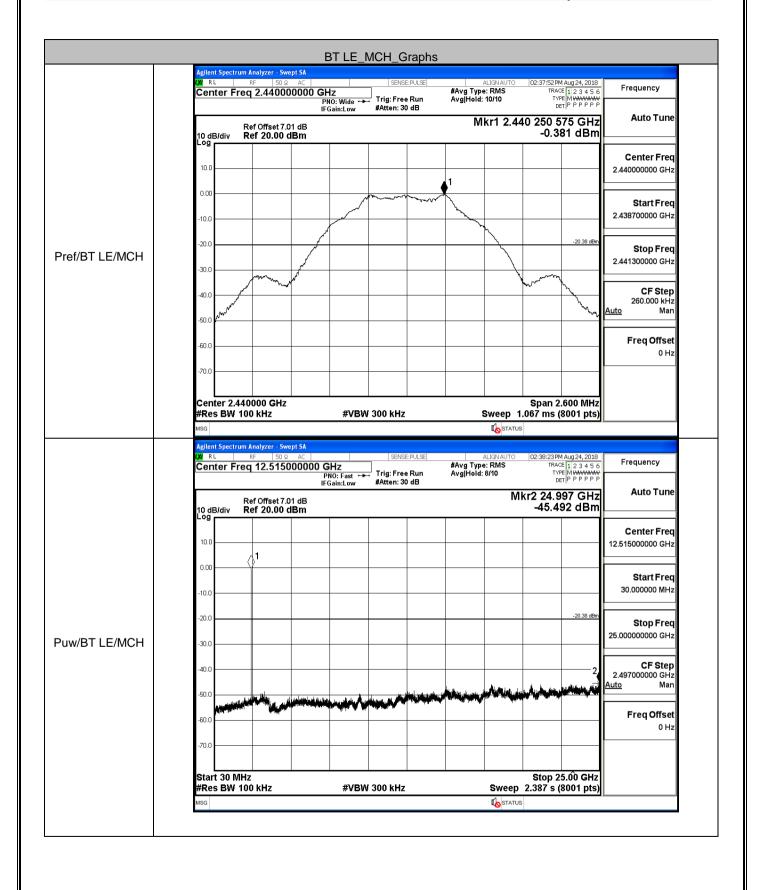


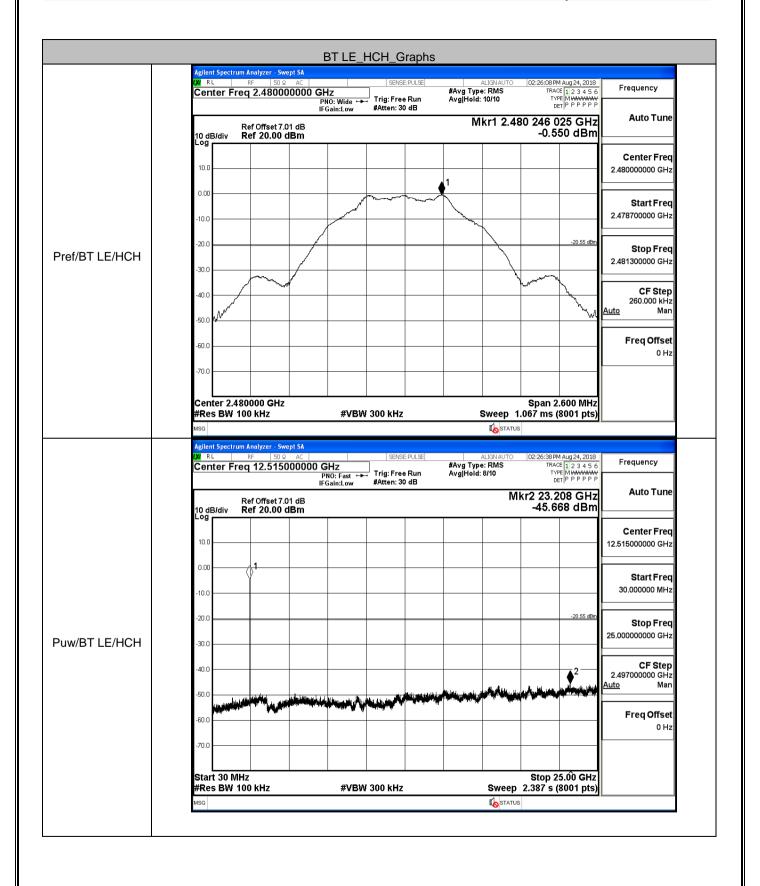


## **B.5 RF Conducted Spurious Emissions**

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-0.354	-45.932	-20.354	PASS
BT LE	МСН	-0.381	-45.492	-20.381	PASS
BT LE	НСН	-0.55	-45.668	-20.550	PASS

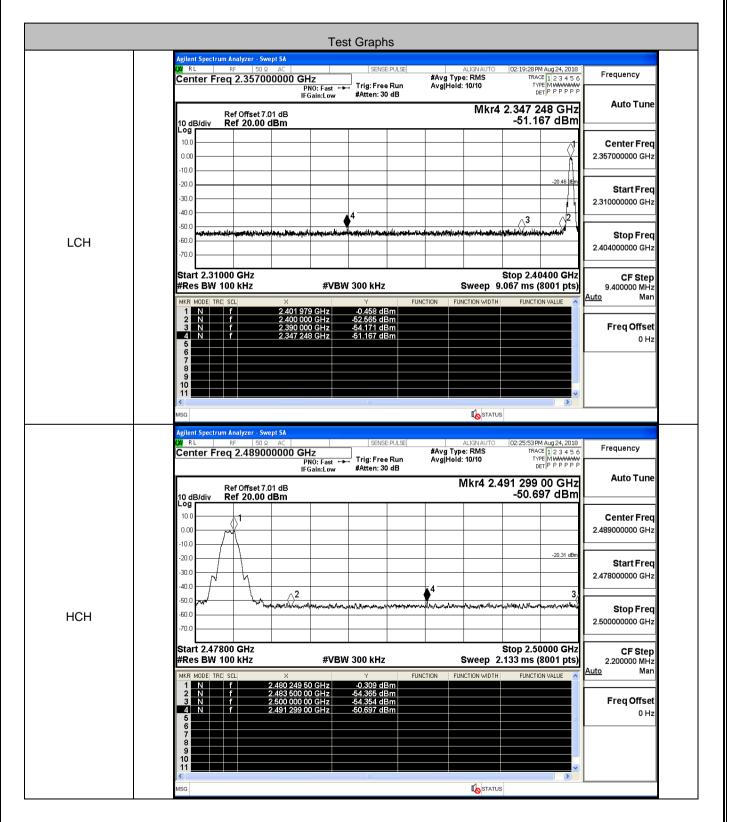






### **B.6 Band-edge for RF Conducted Emissions**

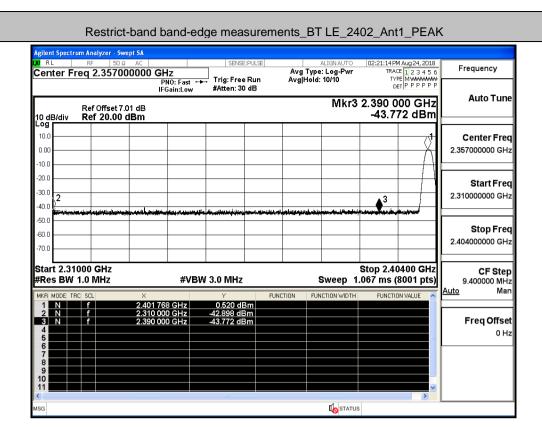
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	LCH	-0.458	-51.167	-20.46	PASS
BT LE	HCH	-0.309	-50.697	-20.31	PASS



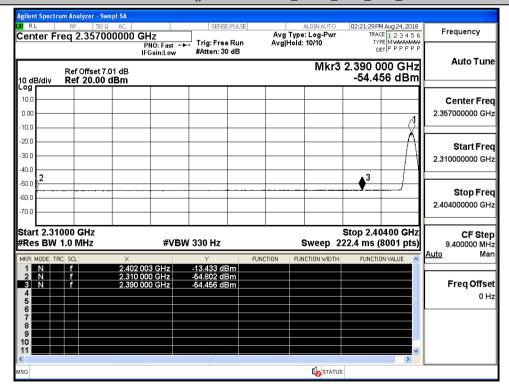
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# **B.7 Restrict-band band-edge measurements**

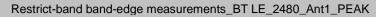
Test Mode	Test Chann el	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/ m]	Verdi
		Ant1	2310.0	-42.90	2.0	0	54.36	PEAK	74	PASS
	2402	Ant1	2310.0	-54.80	2.0	0	42.46	AV	54	PASS
		Ant1	2390.0	-43.77	2.0	0	53.49	PEAK	74	PASS
		Ant1	2390.0	-54.46	2.0	0	42.80	AV	54	PASS
BT LE		Ant1	2483.5	-44.48	2.0	0	52.78	PEAK	74	PASS
		Ant1	2483.5	-54.19	2.0	0	43.07	AV	54	PASS
	2480	Ant1	2500.0	-44.24	2.0	0	53.01	PEAK	74	PASS
		Ant1	2500.0	-54.13	2.0	0	43.13	AV	54	PASS

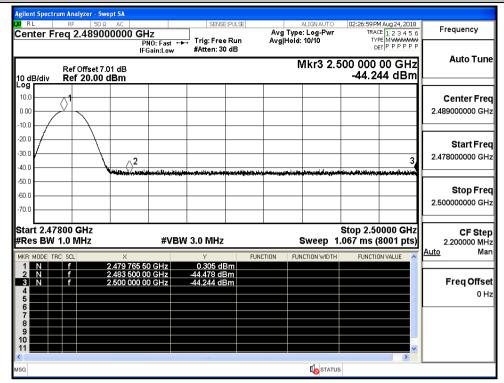


#### Restrict-band band-edge measurements\_BT LE\_2402\_Ant1\_AV



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

