Appendix C

RF Test Data for 2.4G WIFI (Conducted Measurement)

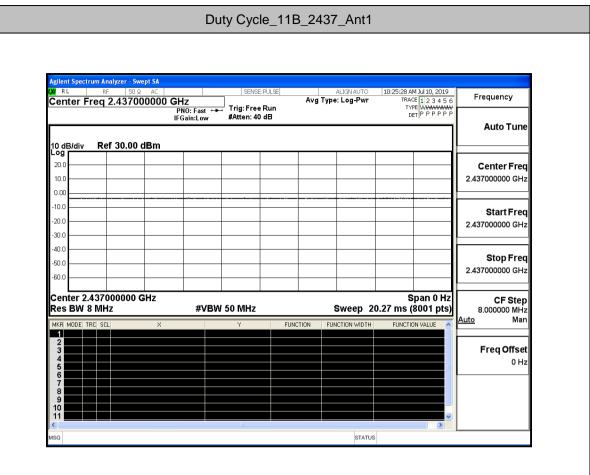
Product Name: Tablet PC Trade Mark: FUSION5 Test Model: FWIN232 Pro

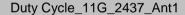
Environmental Conditions

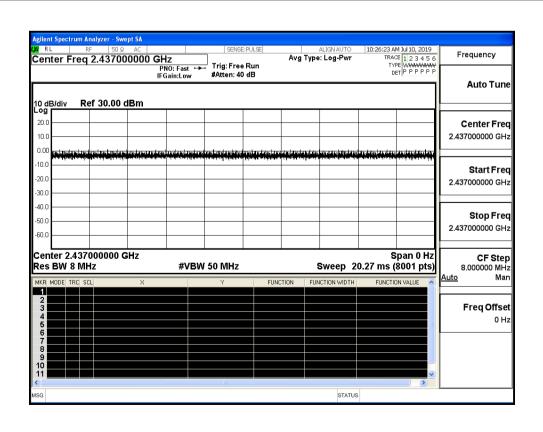
Temperature:	24.1°C		
Relative Humidity:	53.6%		
ATM Pressure:	100.0 kPa		
Test Engineer:	Li Huan		
Supervised by:	Wang.Chuang		

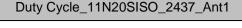
C.1 Duty Cycle

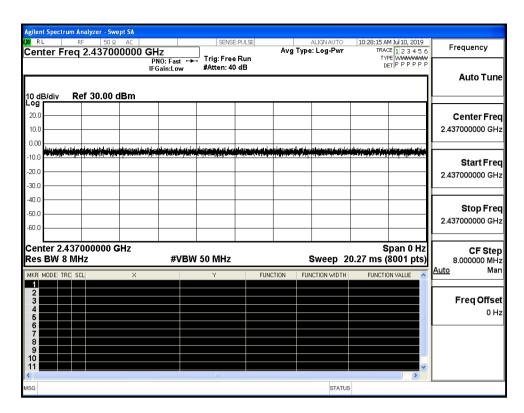
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant1	100	PASS
11G	2437	Ant1	100	PASS
11N20SISO	2437	Ant1	100	PASS
11N40SISO	2437	Ant1	100	PASS



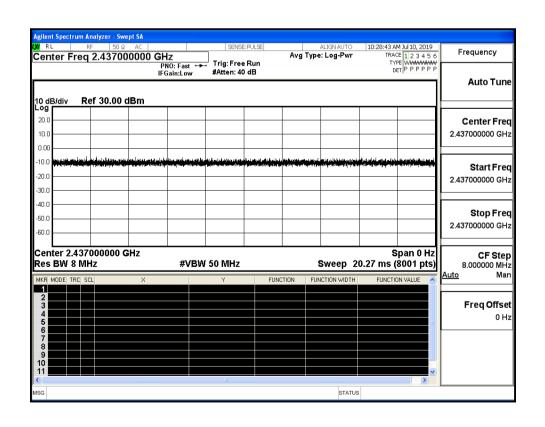






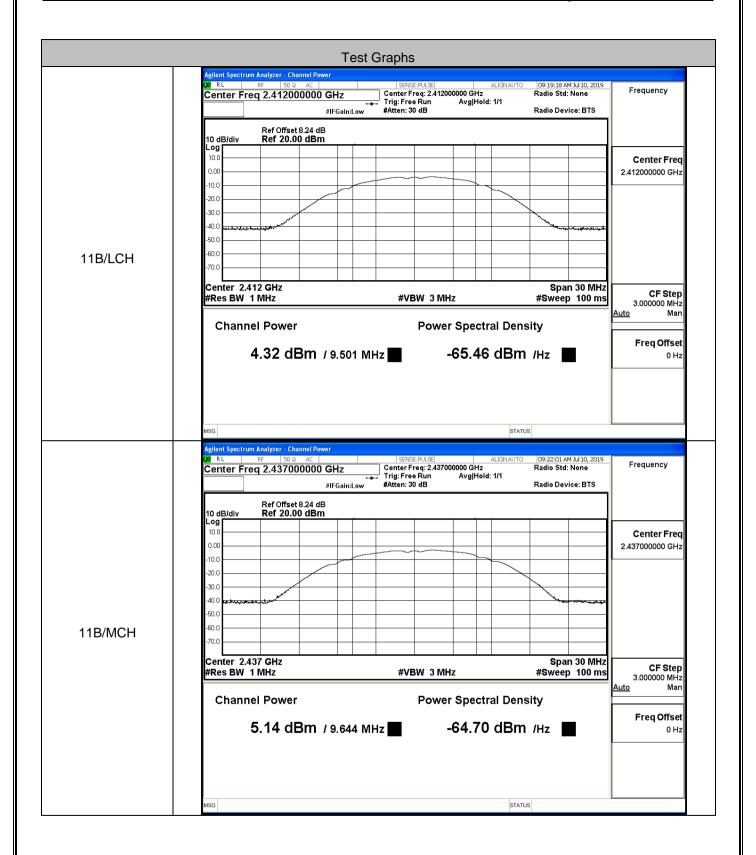


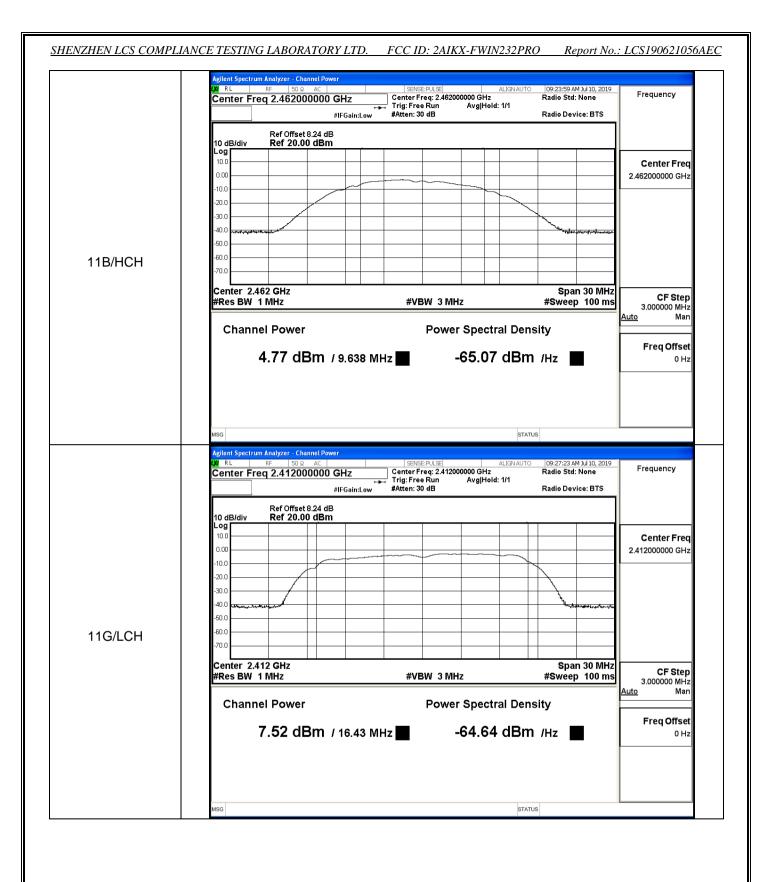
Duty Cycle_11N40SISO_2437_Ant1

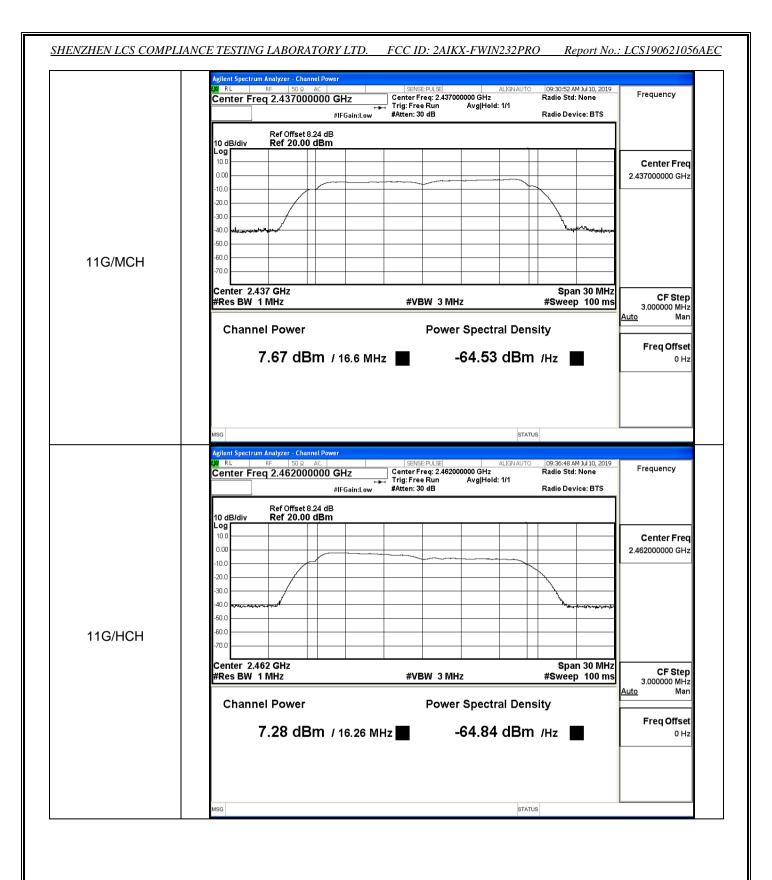


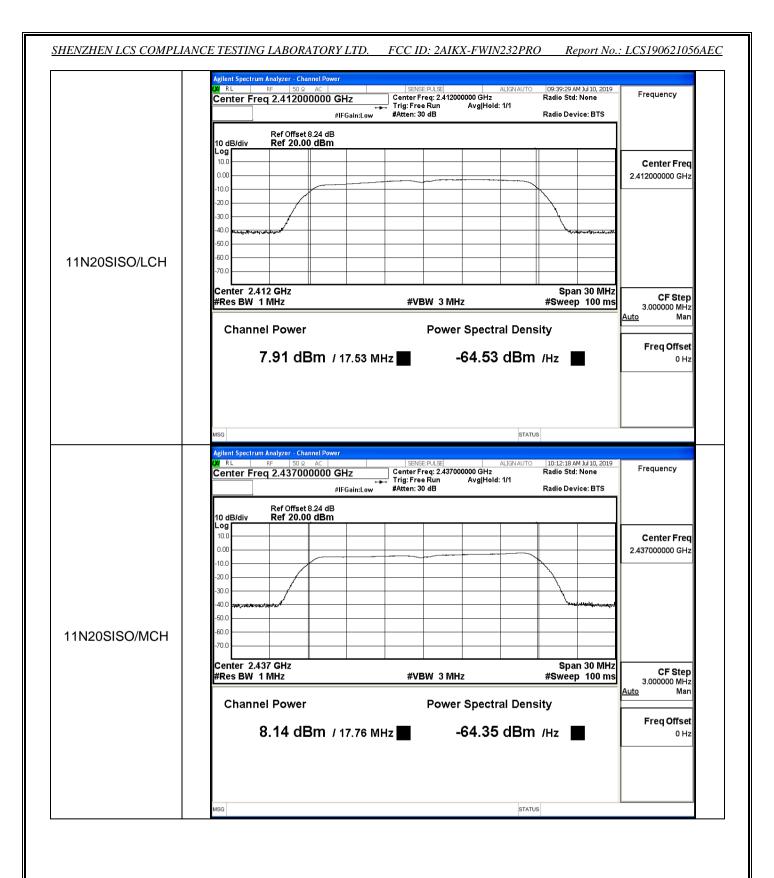
C.2 Maximum Conducted Output Power

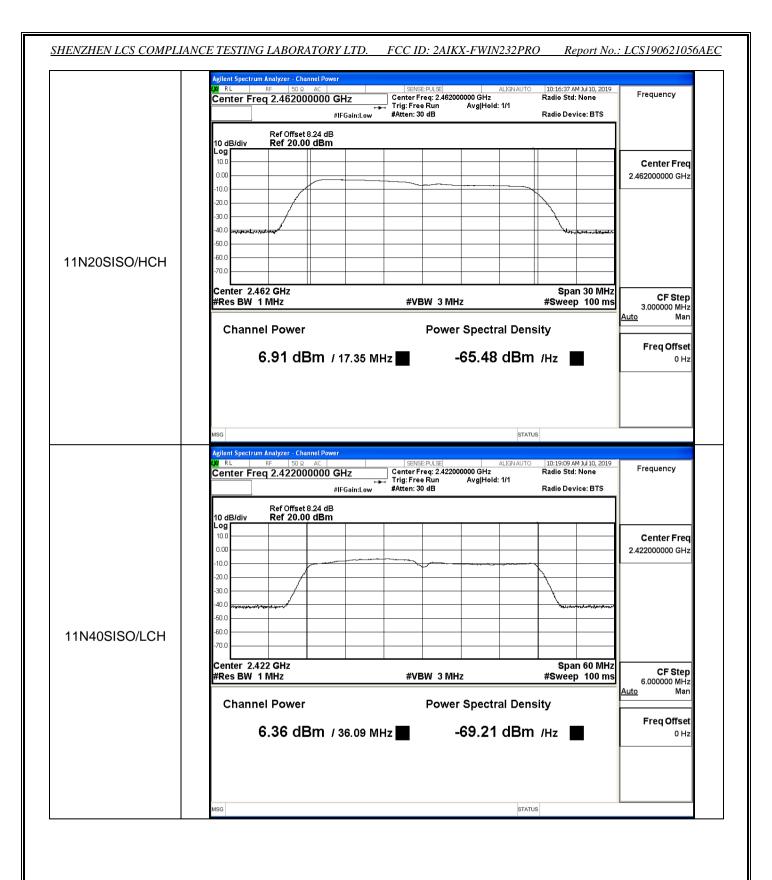
Mode	Channel	Meas.Level [dBm]	Limit [dBm]	Verdict
11B	LCH	4.32	30	PASS
	MCH	5.14	30	PASS
	HCH	4.77	30	PASS
	LCH	7.52	30	PASS
11G	MCH	7.67	30	PASS
	HCH	7.28	30	PASS
	LCH	7.91	30	PASS
11N20SISO	MCH	8.14	30	PASS
	HCH	6.91	30	PASS
	LCH	6.36	30	PASS
11N40SISO	MCH	7.28 30 F 7.91 30 F 8.14 30 F 6.91 30 F 6.36 30 F 6.49 30 F	PASS	
	HCH	7.01	30	PASS

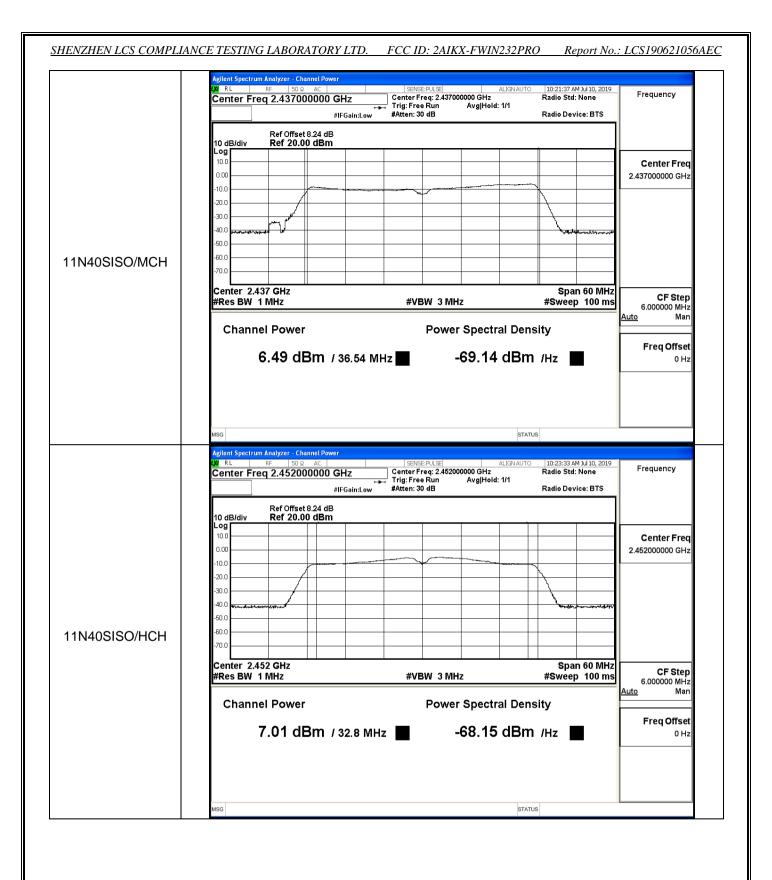






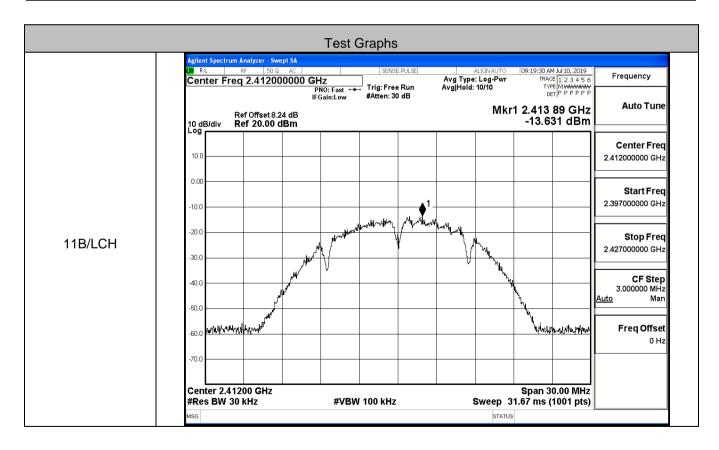


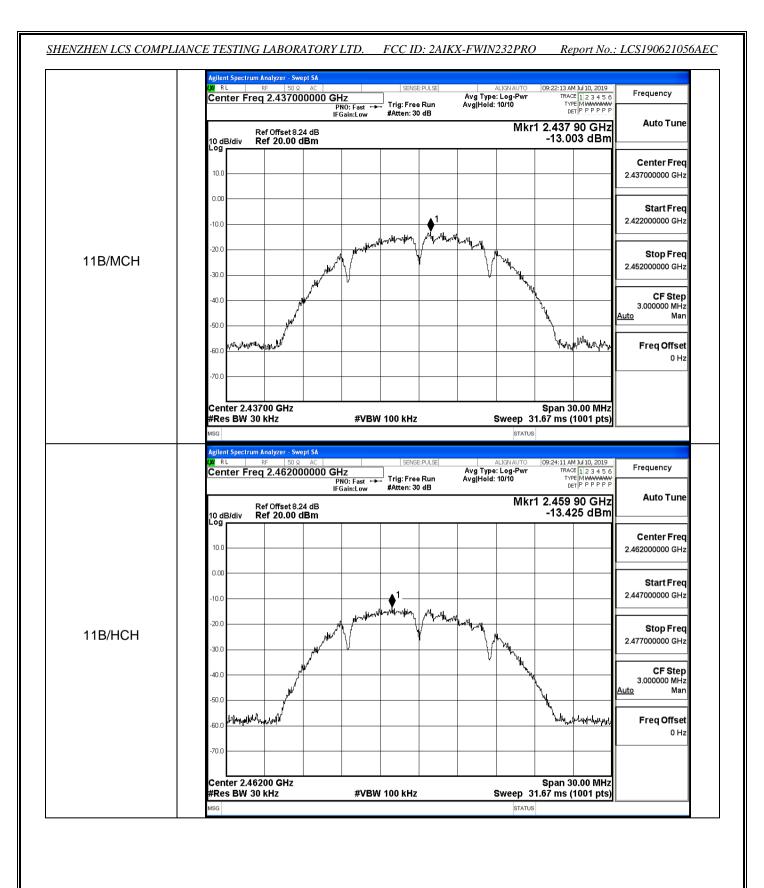


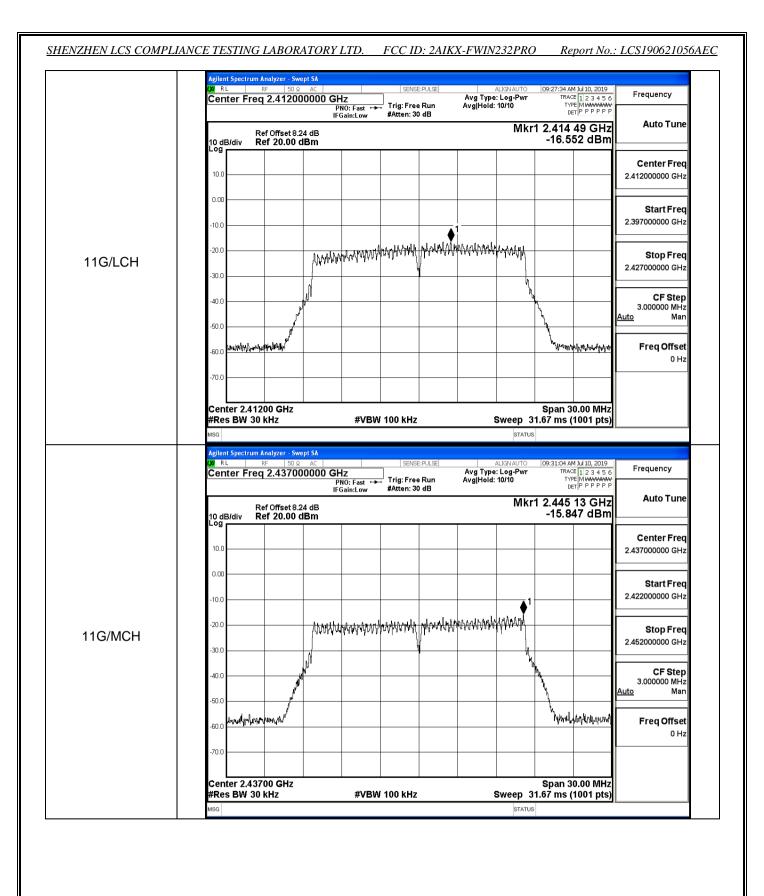


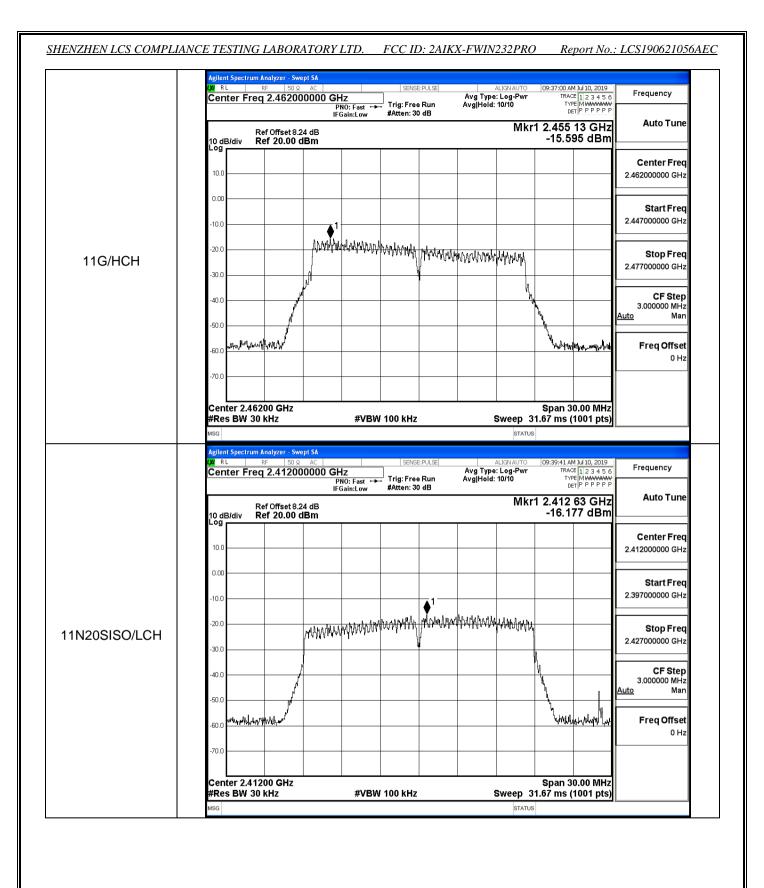
C.3 Maximum Power Spectral Density

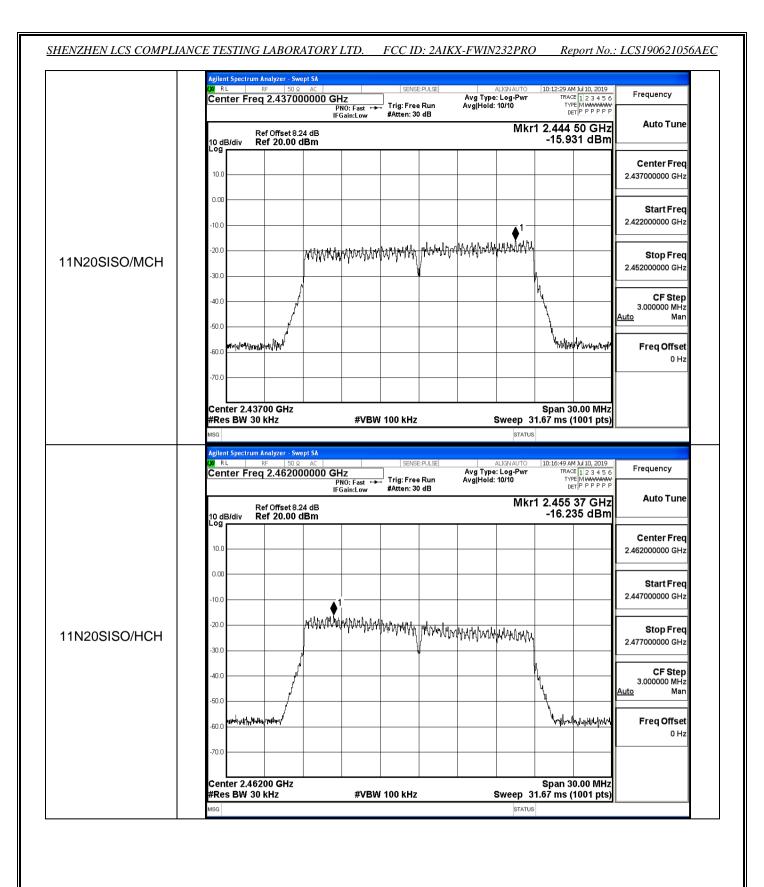
Mode	Channel	Meas.Level [dBm/30KHz]	Limit [dBm/3KHz]	Verdict
	LCH	-13.631	8	PASS
11B	MCH	-13.003	8	PASS
	LCH -13.631 MCH -13.003 HCH -13.425 LCH -16.552 MCH -15.847 HCH -15.595 LCH -16.177 SO MCH -15.931 HCH -16.235 LCH -20.464 SO MCH -19.839	8	PASS	
	LCH	-16.552	8	PASS
11G	MCH	-15.847	8	PASS
110	HCH	-15.595	8	PASS
	LCH	-16.177	8	PASS
11N20SISO	MCH	-15.931	8	PASS
	HCH	-16.235	8	PASS
11N40SISO	LCH	-20.464	8	PASS
	MCH	-19.839	8	PASS
	HCH	-18.873	8	PASS

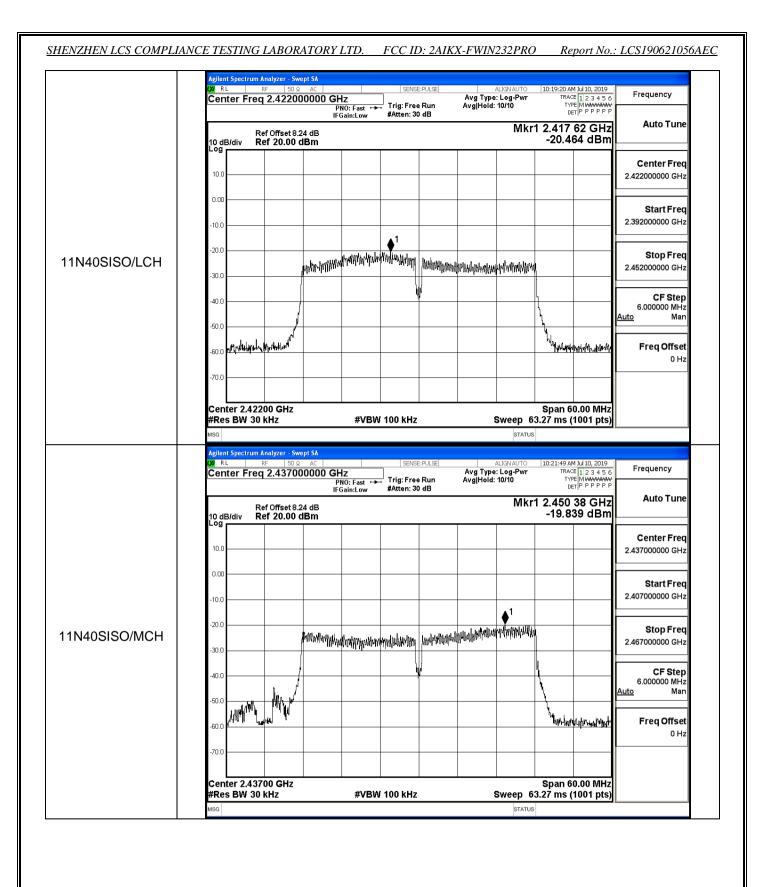




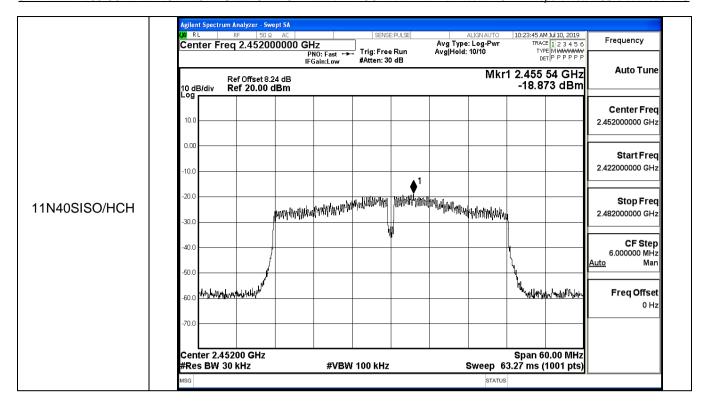






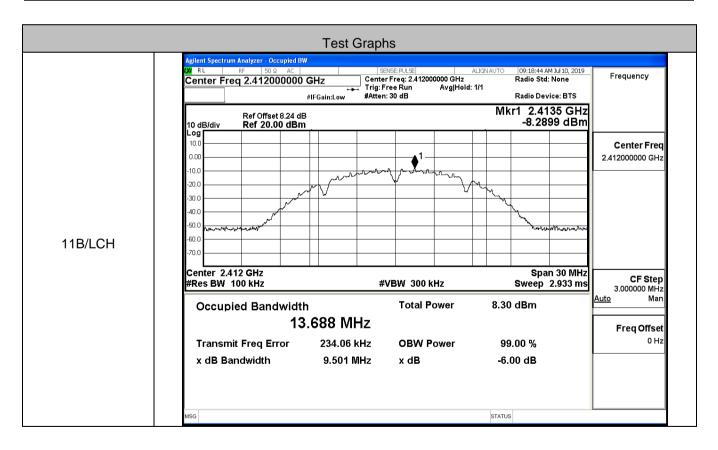


SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AIKX-FWIN232PRO Report No.: LCS190621056AEC



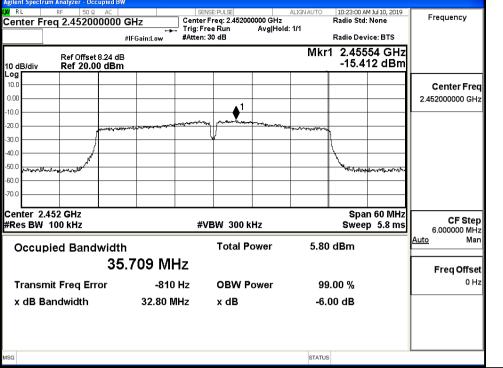
C.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	9.501	≥0.5	PASS
11B	MCH	9.644	9.501 ≥0.5	PASS
	HCH	9.638	≥0.5	PASS
	LCH	ACH 16.43 ≥0.5 MCH 16.60 ≥0.5 HCH 16.26 ≥0.5	PASS	
11G	LCH 16.43 MCH 16.60 HCH 16.26 LCH 17.53	≥0.5	PASS	
	HCH	16.26	9.501 ≥0.5 PA 9.644 ≥0.5 PA 9.638 ≥0.5 PA 16.43 ≥0.5 PA 16.60 ≥0.5 PA 16.26 ≥0.5 PA 17.53 ≥0.5 PA 17.35 ≥0.5 PA 36.09 ≥0.5 PA 36.54 ≥0.5 PA	PASS
	LCH	17.53	9.501 ≥0.5 PA 9.644 ≥0.5 PA 9.638 ≥0.5 PA 16.43 ≥0.5 PA 16.60 ≥0.5 PA 16.26 ≥0.5 PA 17.53 ≥0.5 PA 17.76 ≥0.5 PA 36.09 ≥0.5 PA 36.54 ≥0.5 PA	PASS
11N20SISO	MCH	17.76		PASS
	HCH	17.35		PASS
11N40SISO	LCH	36.09	≥0.5	PASS
	MCH	36.54	≥0.5	PASS
	HCH	32.80	≥0.5	PASS



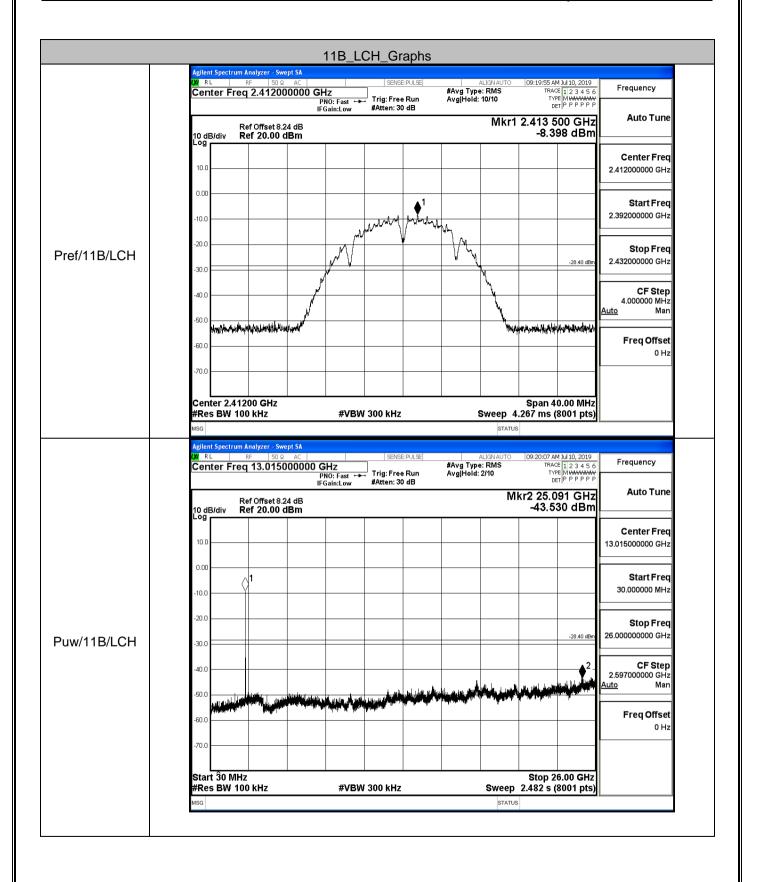
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AIKX-FWIN232PRO Report No.: LCS190621056AEC Agilent Spectrum Analyzer - Occupied BW W RL RF | 50 \(\text{SENSE:PUSE} \) | ALIGNAUTO | 10:23:00 AM Jul 10; 2019 | Center Freq 2.452000000 GHz | Center Freq: 2.452000000 GHz | Radio Std: None | Trig: Free Run | Avg|Hold: 1/1

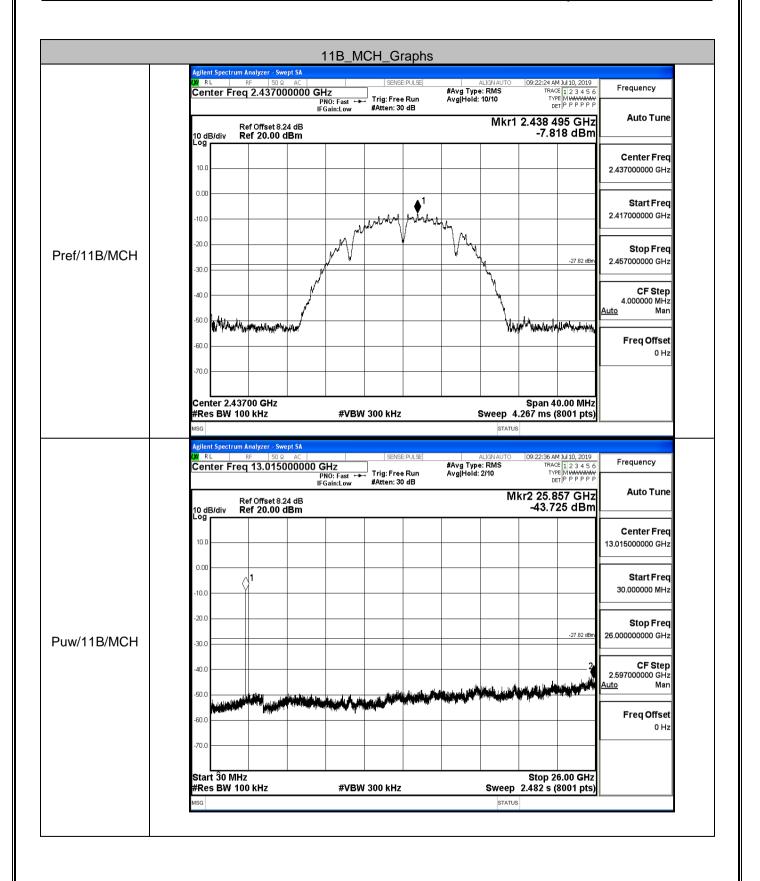
11N40SISO/HCH

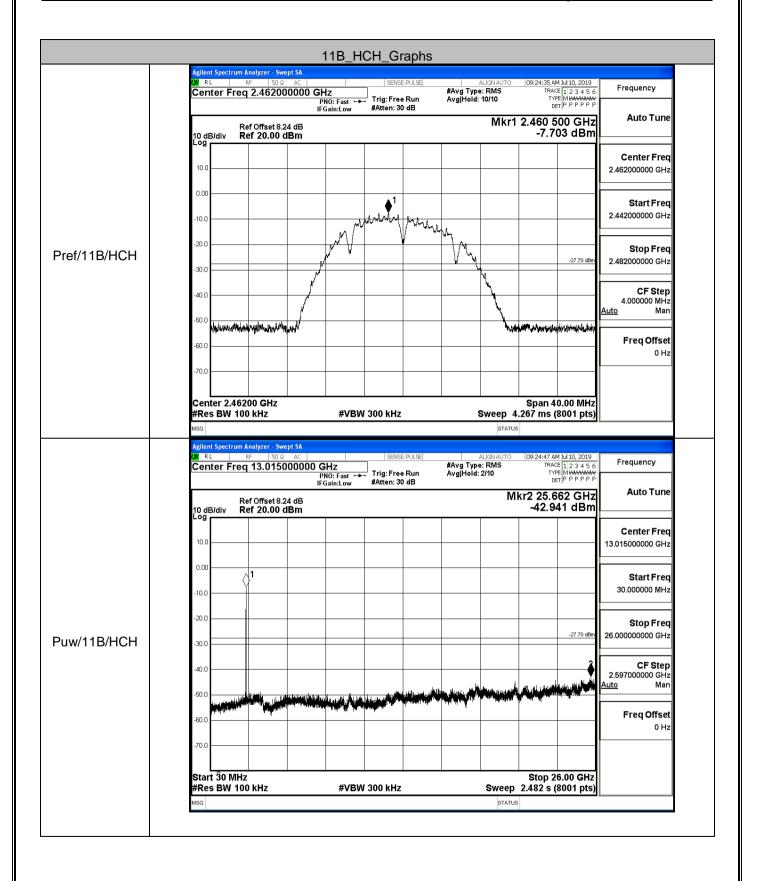


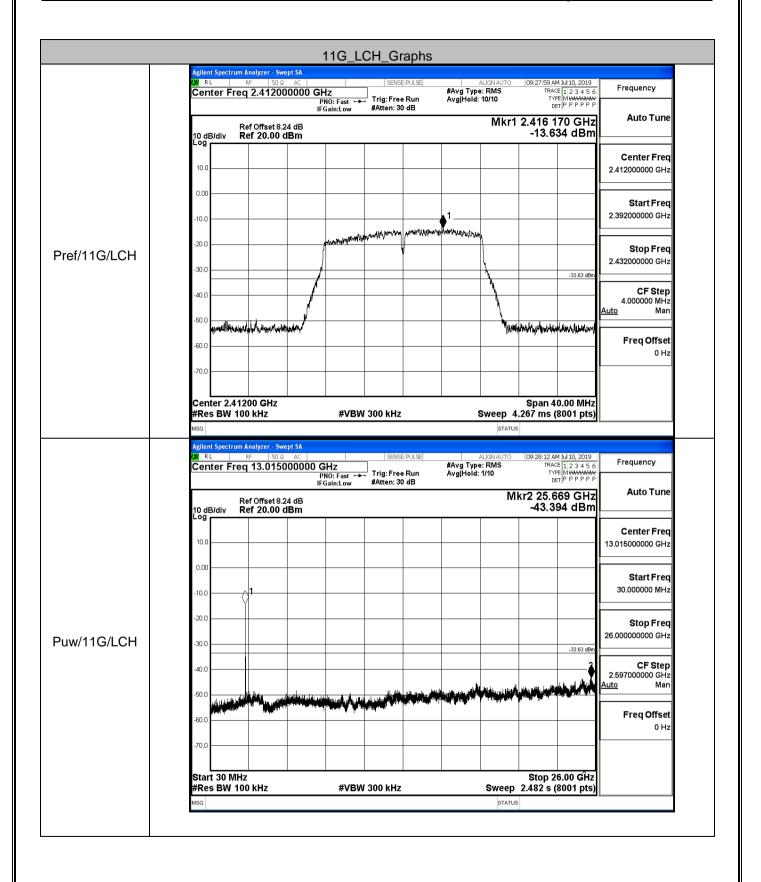
C.5 RF Conducted Spurious Emissions

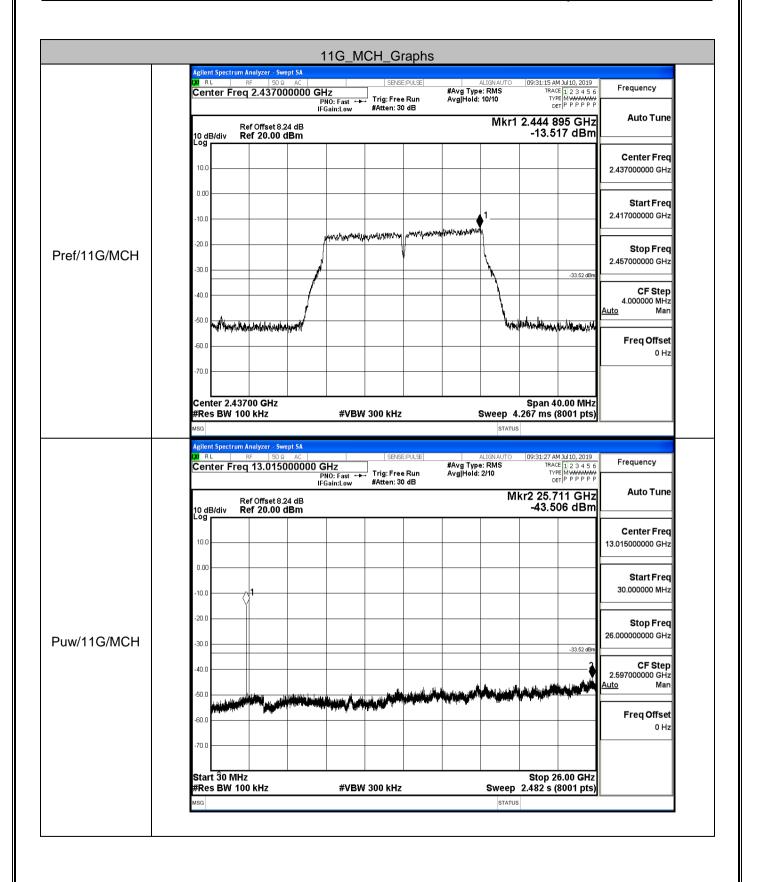
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdic t
	LCH	-8.398	-43.530	-28.398	PASS
11B	MCH	-7.818	-43.725	-27.818	PASS
	HCH	-7.703	-42.941	-27.703	PASS
	LCH	-13.634	-43.394	-33.634	PASS
11G	MCH	-13.517	-43.506	-33.517	PASS
	HCH	-12.889	-43.166	-32.889	PASS
	LCH	-13.493	-43.250	-33.493	PASS
11N20	MCH	-12.249	-42.416	-32.249	PASS
SISO	НСН	-13.339	-43.654	-33.339	PASS
11N40 SISO	LCH	-17.376	-43.521	-37.376	PASS
	MCH	-16.839	-43.868	-36.839	PASS
	НСН	-15.684	-43.161	-35.684	PASS

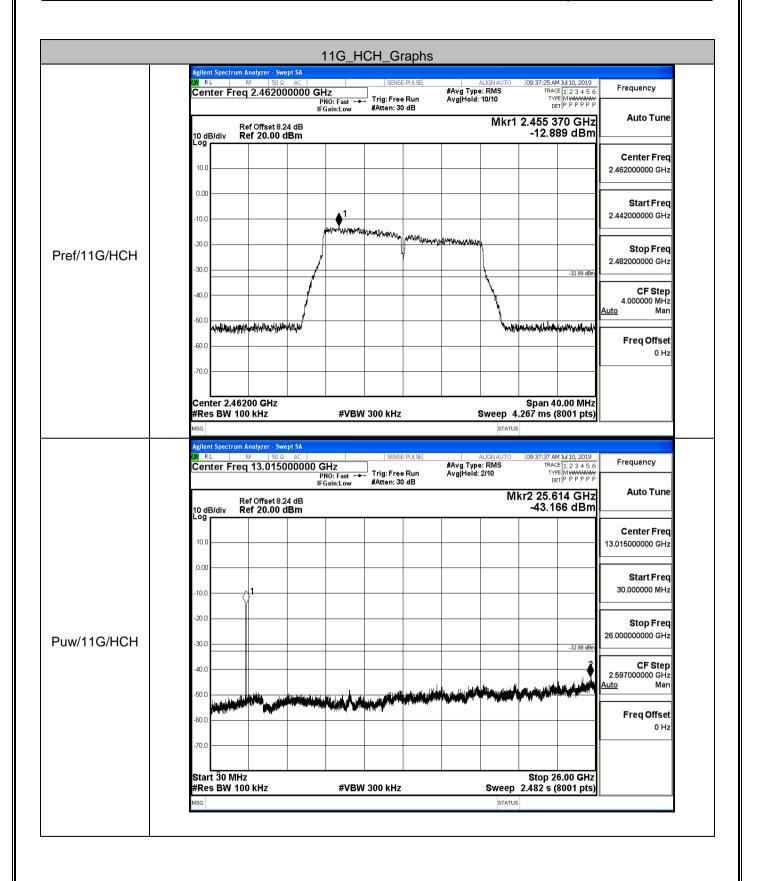


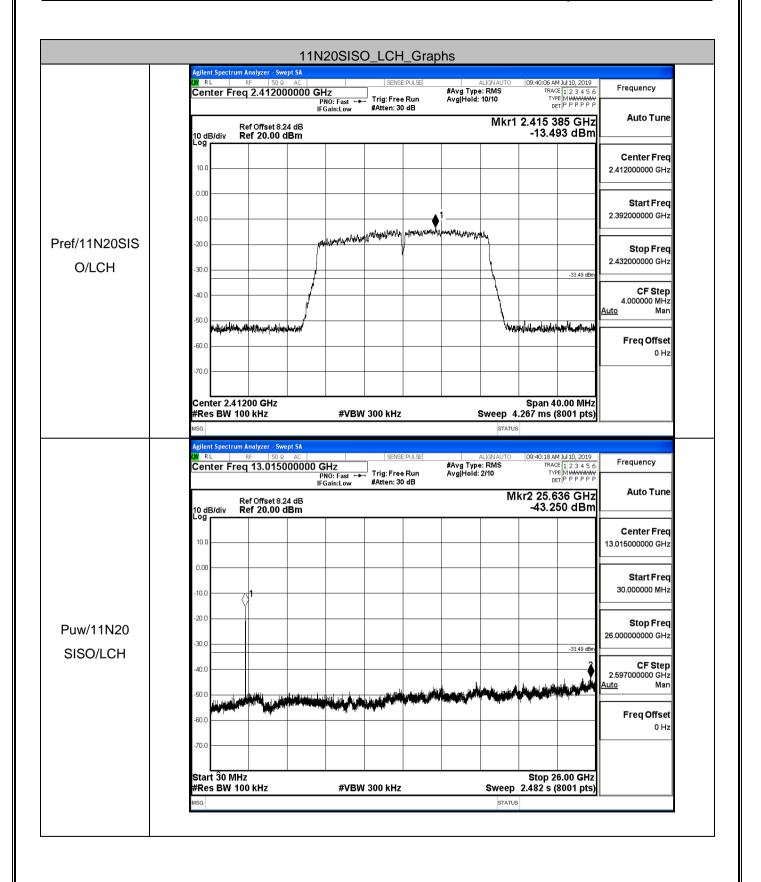


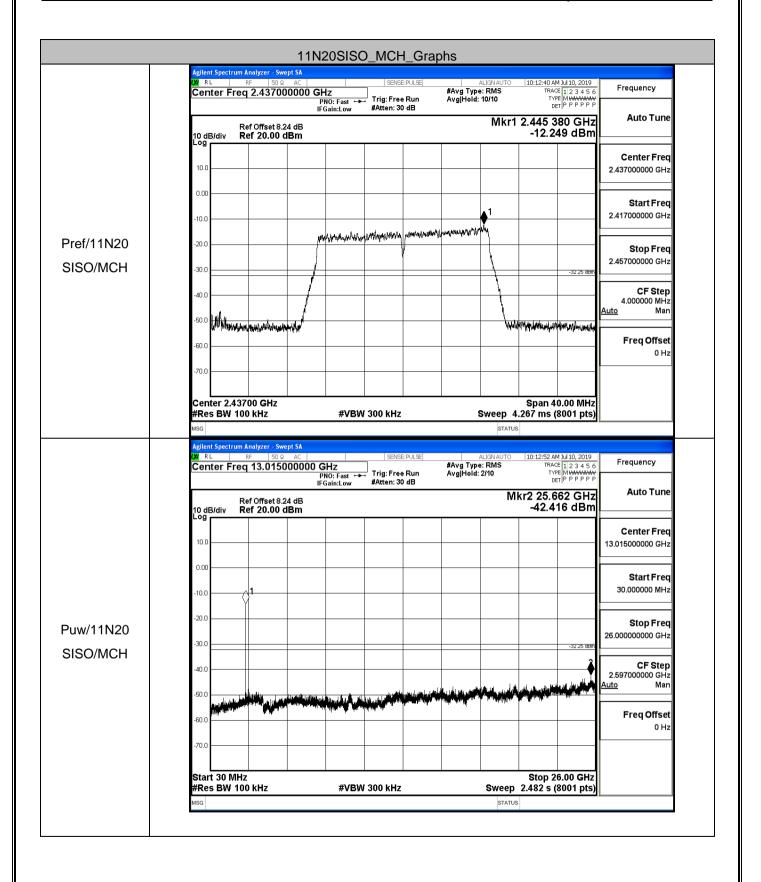


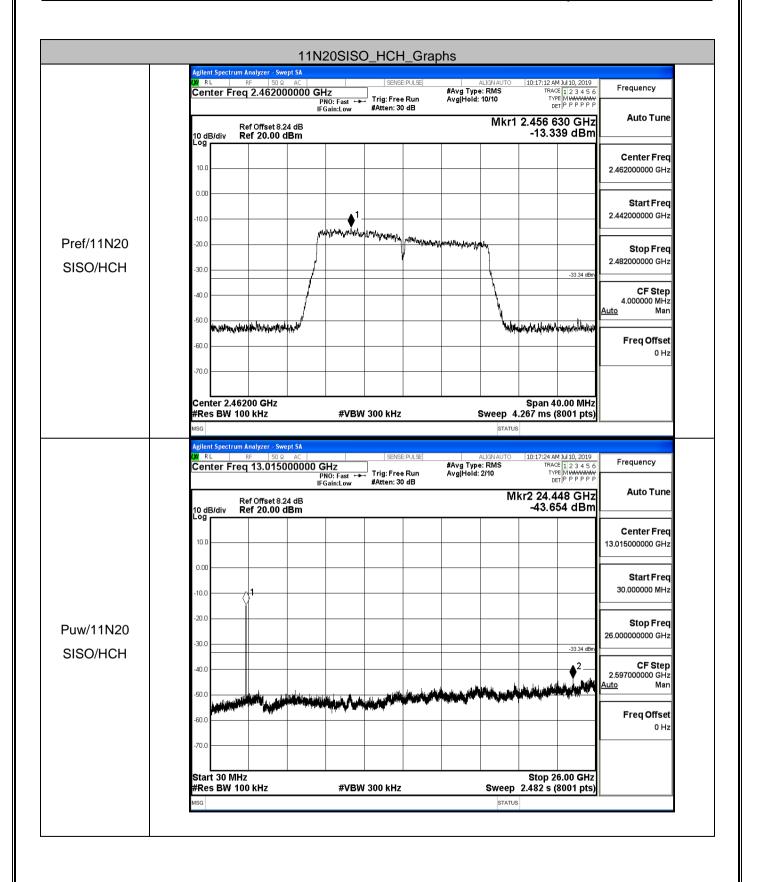


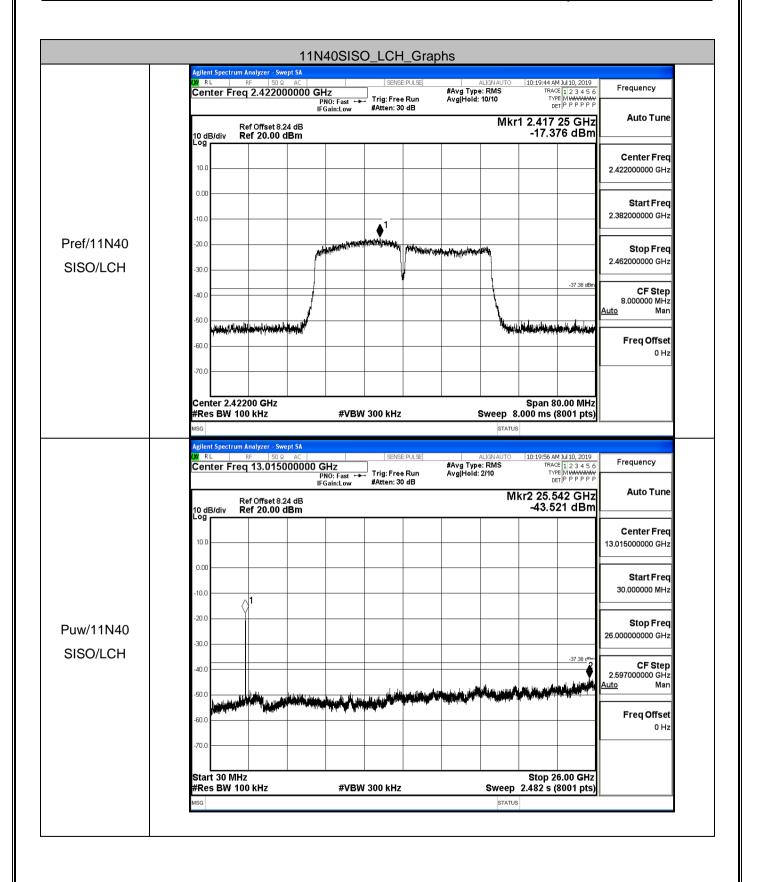


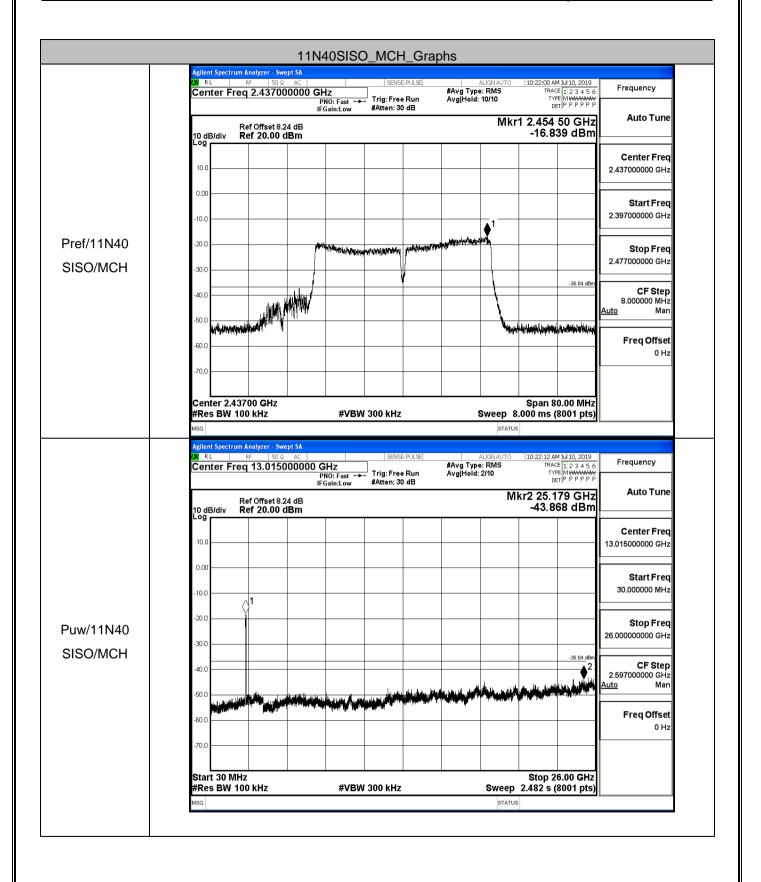


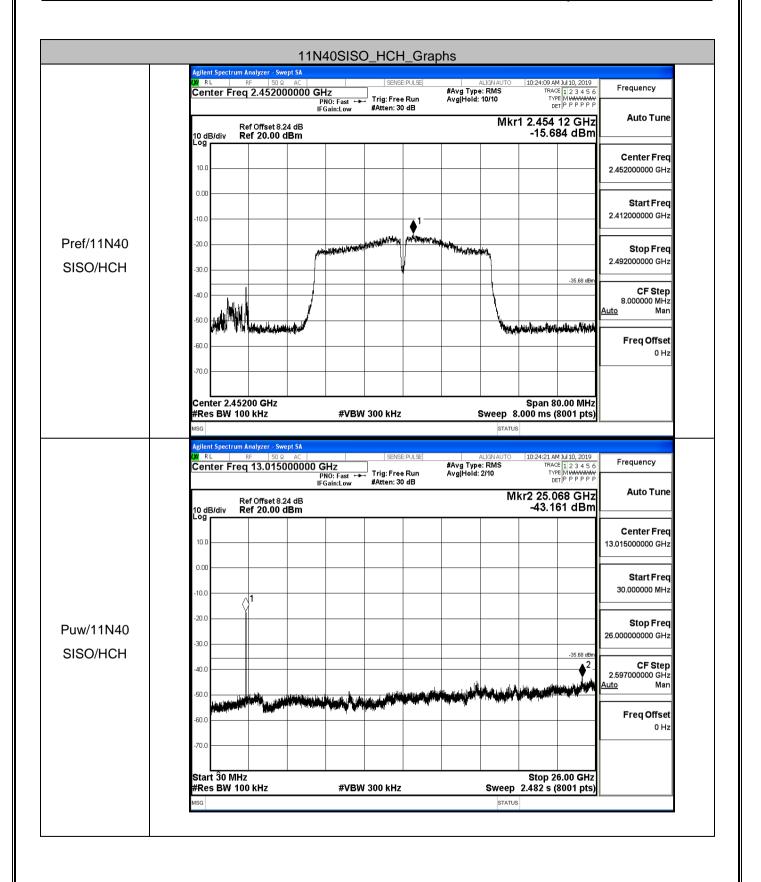






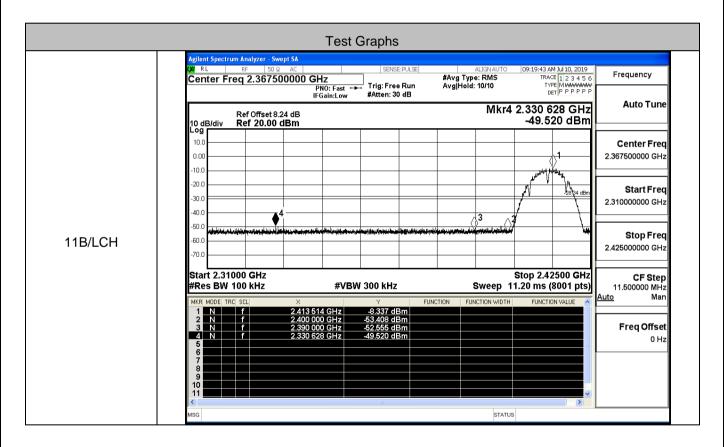


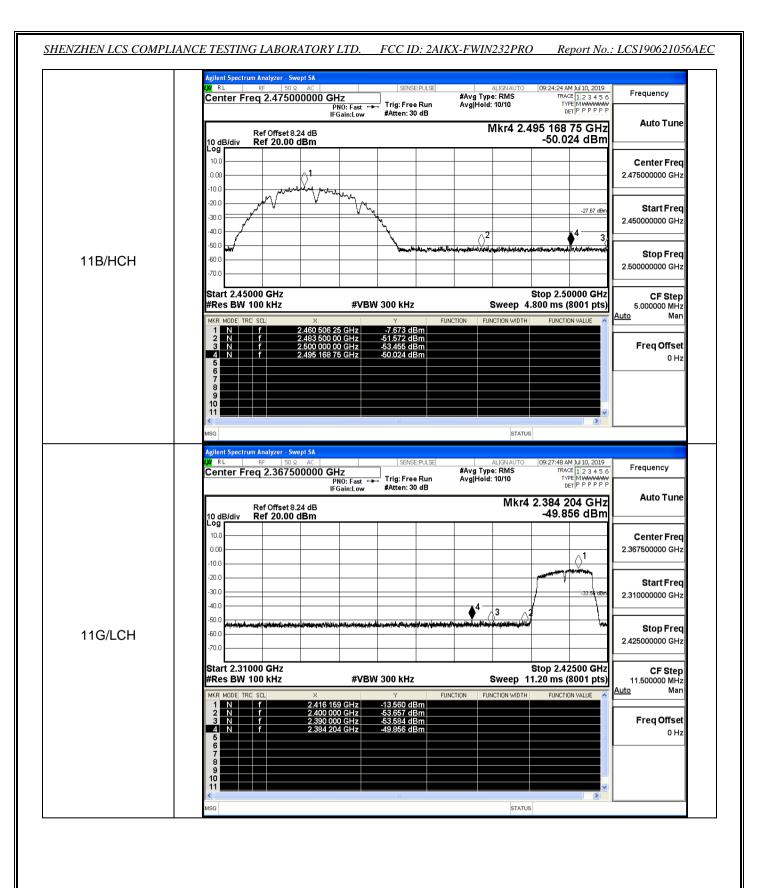


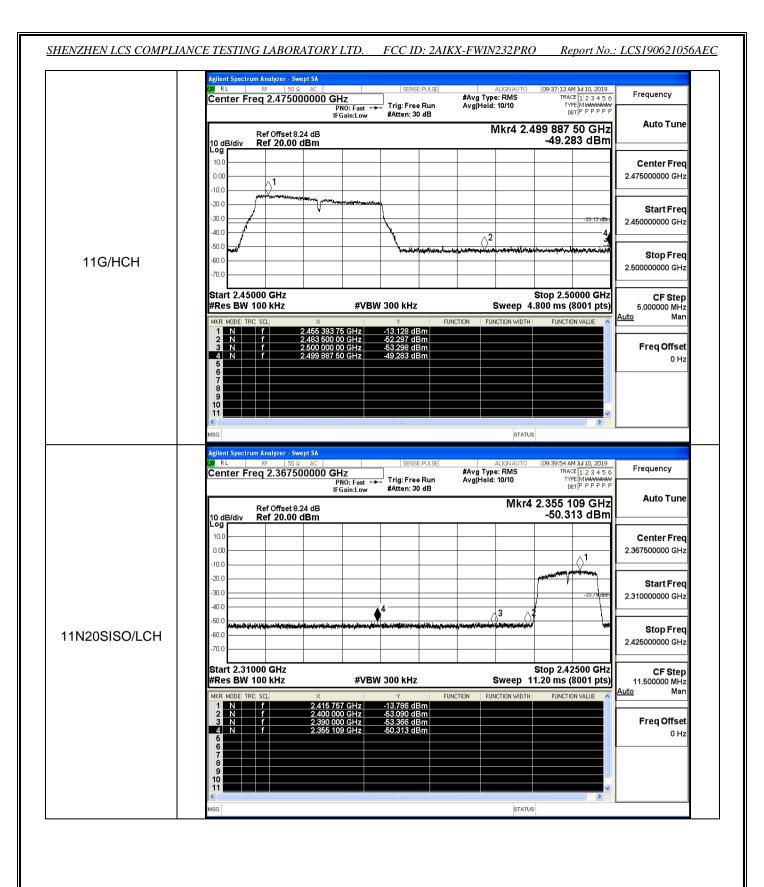


C.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
445	LCH	-8.337	-49.520	-28.34	PASS
11B	HCH	-7.673	-50.024	-27.67	PASS
11G	LCH	-13.560	-49.856	-33.56	PASS
	HCH	-13.128	-49.283	-33.13	PASS
11N20SISO	LCH	-13.786	-50.313	-33.79	PASS
	HCH	-13.542	-49.612	-33.54	PASS
11N40SISO	LCH	-17.597	-49.563	-37.6	PASS
	HCH	-15.990	-49.894	-35.99	PASS







SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AIKX-FWIN232PRO Report No.: LCS190621056AEC #Avg Type: RMS Avg|Hold: 10/10 Frequency Center Freq 2.465000000 GHz Trig: Free Run #Atten: 30 dB PNO: Fast +-IFGain:Low Auto Tune Mkr4 2.492 562 50 GHz -49.894 dBm Ref Offset 8.24 dB Ref 20.00 dBm 10.0 Center Freq 2.465000000 GHz -1n n -2n r Start Freq -30.0 2.430000000 GHz -35.99 dBn 40.0 -50.0 Stop Freq 11N40SISO/HCH -en r 2.500000000 GHz

CF Step 7.000000 MHz

Freq Offset

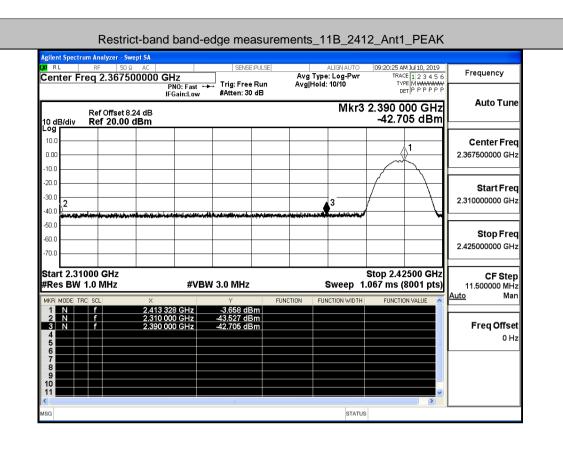
<u>Auto</u>

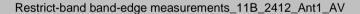
Man

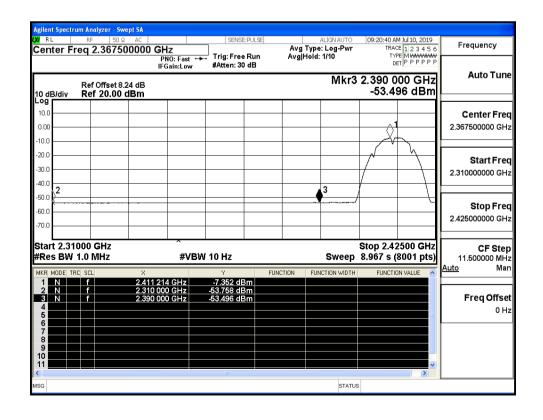
C.7 Restrict-band band-edge measurements

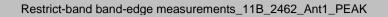
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBu V/m]	Verdict
11B	2412	Ant1	2310.0	-43.53	2.0	0	51.73	PEAK	74	PASS
	2412	Ant1	2310.0	-53.76	2.0	0	41.50	AV	54	PASS
	2412	Ant1	2390.0	-42.71	2.0	0	52.55	PEAK	74	PASS
	2412	Ant1	2390.0	-53.50	2.0	0	41.76	AV	54	PASS
	2462	Ant1	2483.5	-41.96	2.0	0	53.30	PEAK	74	PASS
	2462	Ant1	2483.5	-53.32	2.0	0	41.94	AV	54	PASS
	2462	Ant1	2500.0	-42.90	2.0	0	52.36	PEAK	74	PASS
	2462	Ant1	2500.0	-53.13	2.0	0	42.13	AV	54	PASS
	2412	Ant1	2310.0	-44.03	2.0	0	51.23	PEAK	74	PASS
	2412	Ant1	2310.0	-53.74	2.0	0	41.52	AV	54	PASS
	2412	Ant1	2390.0	-42.40	2.0	0	52.86	PEAK	74	PASS
	2412	Ant1	2390.0	-53.41	2.0	0	41.85	AV	54	PASS
11G	2462	Ant1	2483.5	-43.36	2.0	0	51.90	PEAK	74	PASS
	2462	Ant1	2483.5	-53.16	2.0	0	42.10	AV	54	PASS
	2462	Ant1	2500.0	-41.86	2.0	0	53.39	PEAK	74	PASS
	2462	Ant1	2500.0	-53.11	2.0	0	42.15	AV	54	PASS
11N20 SISO	2412	Ant1	2310.0	-42.01	2.0	0	53.25	PEAK	74	PASS
	2412	Ant1	2310.0	-53.76	2.0	0	41.50	AV	54	PASS
	2412	Ant1	2390.0	-40.44	2.0	0	54.82	PEAK	74	PASS
	2412	Ant1	2390.0	-53.42	2.0	0	41.84	AV	54	PASS
	2462	Ant1	2483.5	-43.96	2.0	0	51.29	PEAK	74	PASS
	2462	Ant1	2483.5	-53.18	2.0	0	42.08	AV	54	PASS
	2462	Ant1	2500.0	-42.79	2.0	0	52.47	PEAK	74	PASS
	2462	Ant1	2500.0	-53.14	2.0	0	42.12	AV	54	PASS
11N40	2422	Ant1	2310.0	-43.18	2.0	0	52.07	PEAK	74	PASS
SISO	2422	Ant1	2310.0	-53.76	2.0	0	41.50	AV	54	PASS

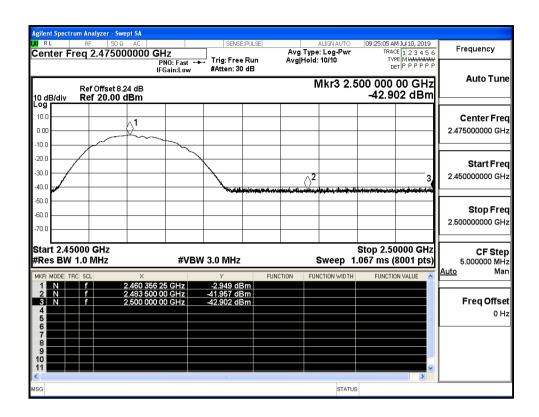
<u>SHENZHEN I</u>	ENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AIKX-FWIN232PRO						IN232PRO	Report No.: LCS190621056AE		
					T					
	2422	Ant1	2390.0	-43.22	2.0	0	52.04	PEAK	74	PASS
	2422	Ant1	2390.0	-53.42	2.0	0	41.83	AV	54	PASS
	2452	Ant1	2483.5	-43.12	2.0	0	52.14	PEAK	74	PASS
	2452	Ant1	2483.5	-53.22	2.0	0	42.03	AV	54	PASS
	2452	Ant1	2500.0	-43.23	2.0	0	52.03	PEAK	74	PASS
	2452	Ant1	2500.0	-53.13	2.0	0	42.12	AV	54	PASS



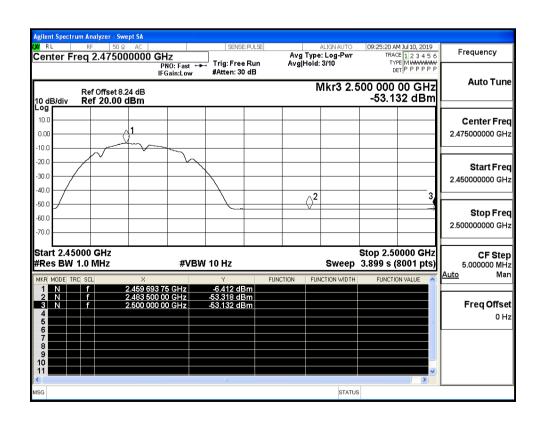


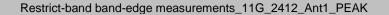


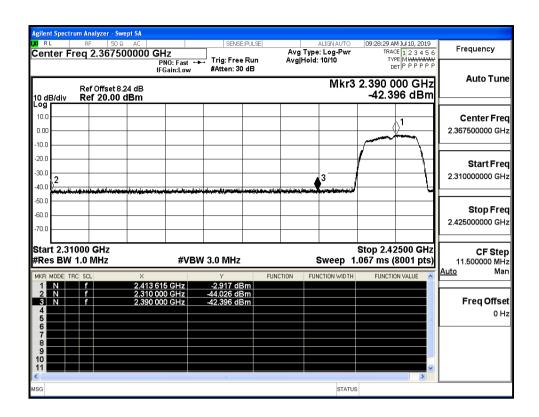




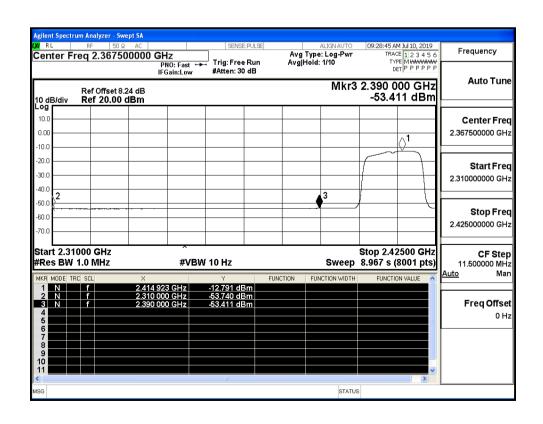
Restrict-band band-edge measurements_11B_2462_Ant1_AV

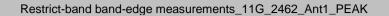


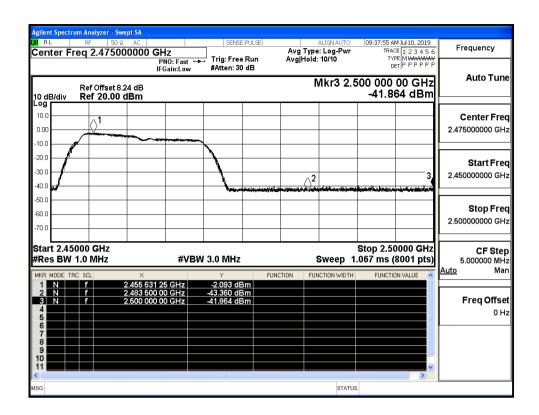




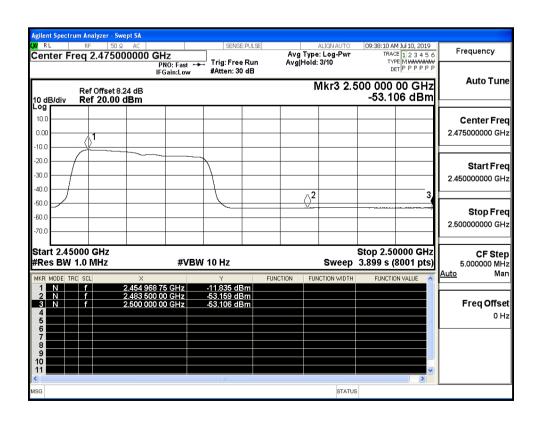
Restrict-band band-edge measurements_11G_2412_Ant1_AV

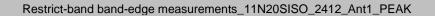


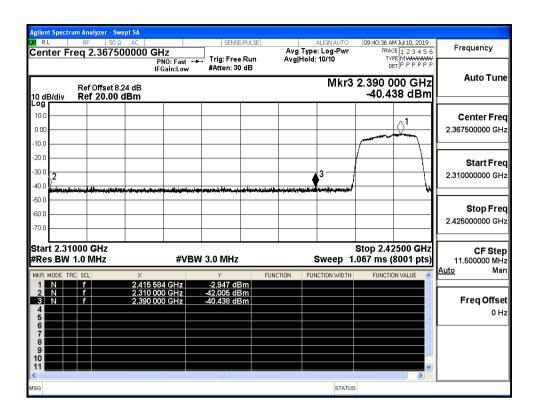




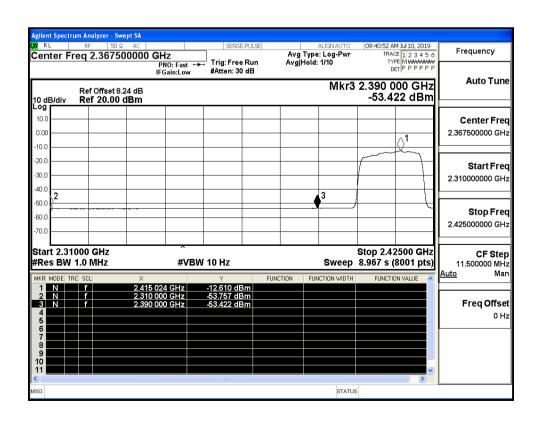
Restrict-band band-edge measurements_11G_2462_Ant1_AV

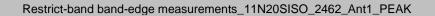


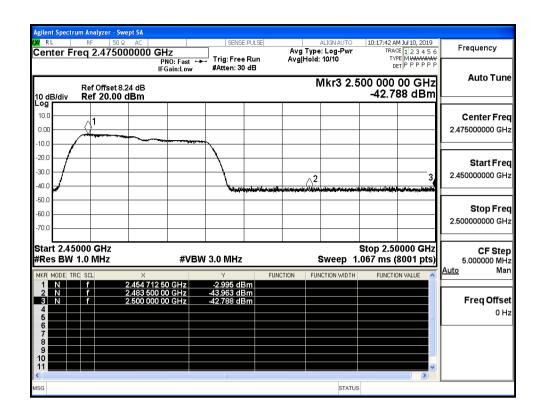




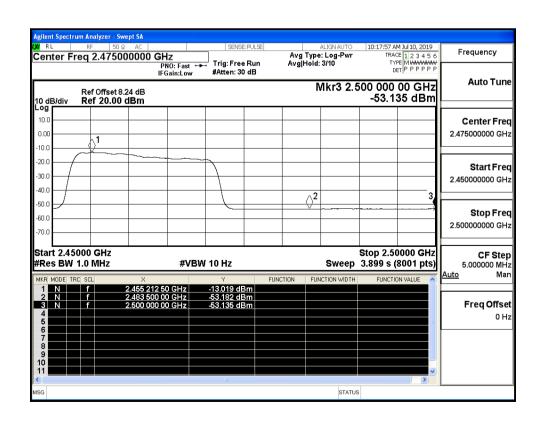
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_AV

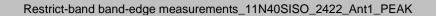


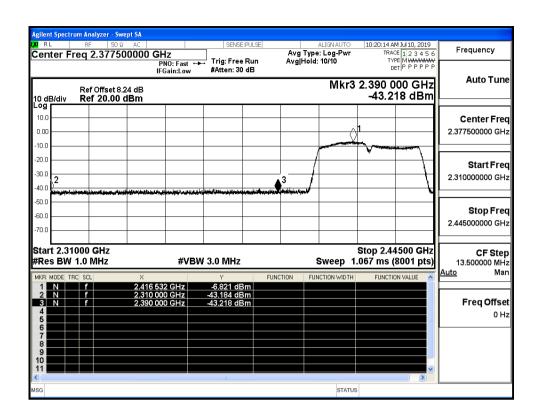




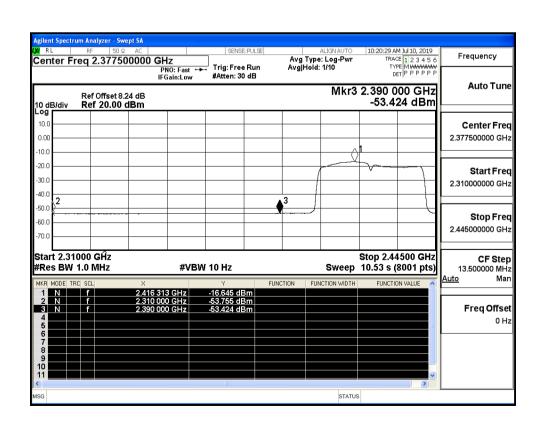
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_AV

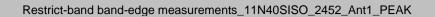


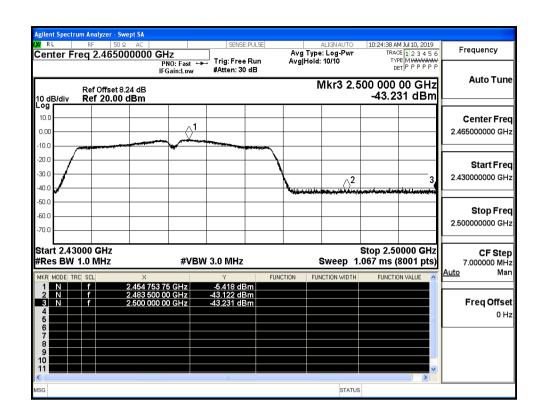




Restrict-band band-edge measurements_11N40SISO_2422_Ant1_AV







Restrict-band band-edge measurements_11N40SISO_2452_Ant1_AV

