Appendix C

RF Test Data for 2.4G WIFI (Conducted Measurement)

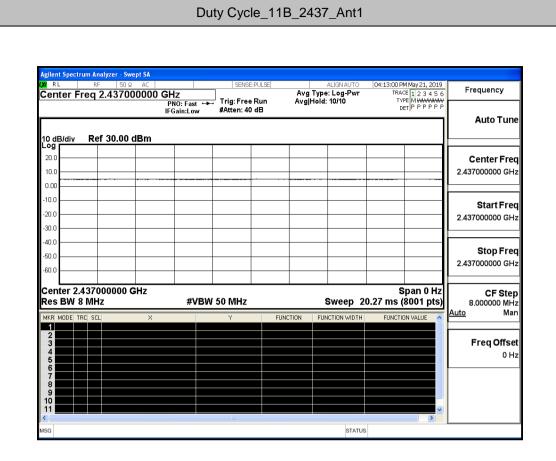
Product Name: Portable Internet Radio Trade Mark: N/A Test Model: MA-26D

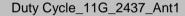
Environmental Conditions

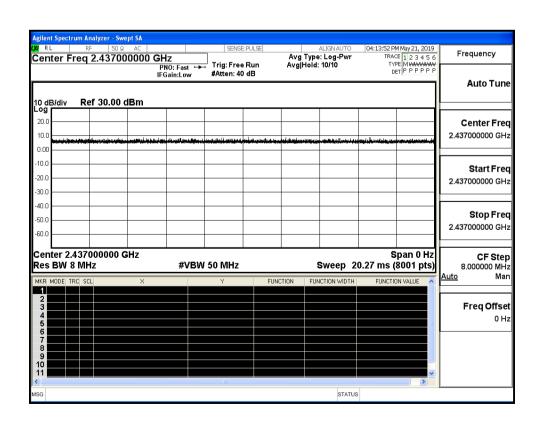
Temperature:	23.9 ° C
Relative Humidity:	54.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Tom.Liu
Supervised by:	Aking Jin

C.1 Duty Cycle

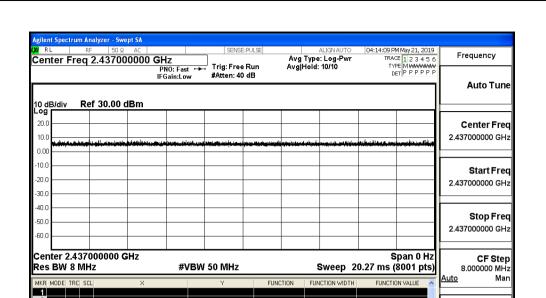
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant1	100	PASS
11G	2437	Ant1	100	PASS
11N20SISO	2437	Ant1	100	PASS
11N40SISO	2437	Ant1	100	PASS







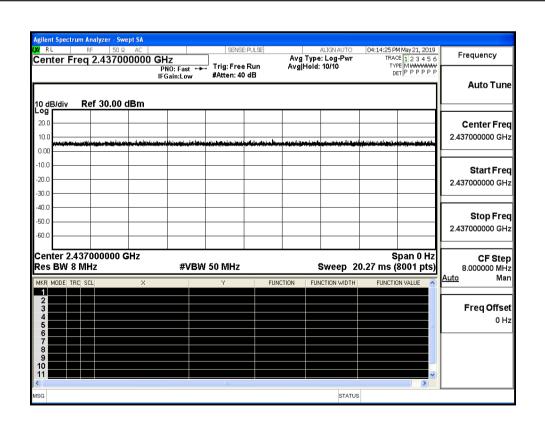
Duty Cycle_11N20SISO_2437_Ant1



Freq Offset

Duty Cycle_11N40SISO_2437_Ant1

STATUS

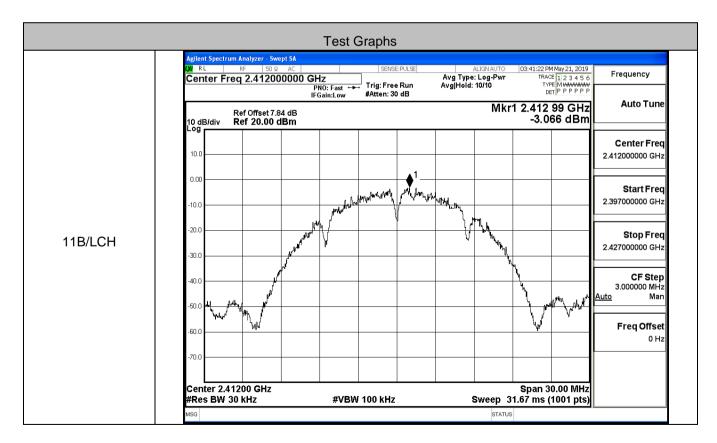


C.2 Maximum Conducted Output Power

Mode	Channel	Peak Meas.Level [dBm]	Average Meas.Level [dBm]	Limit [dBm]	Verdict
	LCH	11.45	8.57	30	PASS
11B	MCH	11.10	8.32	30	PASS
	HCH	10.78	8.11	30	PASS
	LCH	10.68	8.13	30	PASS
11G	MCH	11.20	8.24	30	PASS
	НСН	11.15	8.15	30	PASS
	LCH	10.75	6.48	30	PASS
11N20SIS	MCH	11.22	6.75	30	PASS
0	НСН	10.87	6.53	30	PASS
	LCH	9.87	5.21	30	PASS
11N40SIS	MCH	11.08	6.29	30	PASS
0	HCH	11.05	6.31	30	PASS

C.3 Maximum Power Spectral Density

Mode	Channel	Meas.Level [dBm/30KHz]	Limit [dBm/3KHz]	Verdict
	LCH	-3.066	8	PASS
11B	MCH	-2.517	8	PASS
	HCH	-2.711	8	PASS
	LCH	-5.525	8	PASS
11G	MCH	-5.956	8	PASS
	HCH	-5.361	8	PASS
	LCH	-6.647	8	PASS
11N20SISO	MCH	-5.804	8	PASS
	HCH	-6.087	8	PASS
	LCH	-6.519	8	PASS
11N40SISO	MCH	-7.610	8	PASS
	HCH	-7.922	8	PASS



SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC Frequency Avg Type: Log-Pwr Avg|Hold: 10/10 Center Freq 2.437000000 GHz Trig: Free Run PNO: Fast +++ IFGain:Low #Atten: 30 dB Auto Tune Mkr1 2.436 40 GHz Ref Offset 7.84 dB Ref 20.00 dBm -2.517 dBm 10 dB/div Center Freq 2.437000000 GHz 0.00 Mhombofu Start Freq 2.422000000 GHz 10.0 -20.0 Stop Freq 11B/MCH 2.452000000 GHz 30 C **CF Step** 3.000000 MHz -40.0 <u>Auto</u> Man -50.0 Freq Offset 70.0 Span 30.00 MHz Center 2.43700 GHz #Res BW 30 kHz **#VBW 100 kHz** Sweep 31.67 ms (1001 pts) Agilent Spectrum Analyzer - Swept SA Frequency Avg Type: Log-Pwr Avg|Hold: 10/10 Center Freq 2.462000000 GHz PNO: Fast +++ IFGain:Low Trig: Free Run #Atten: 30 dB Auto Tune Mkr1 2.461 01 GHz Ref Offset 7.84 dB Ref 20.00 dBm -2.711 dBm 10 dB/div Log Center Freq 10.0 2.462000000 GHz 0.00 hydral by Start Freq Prophilips 2.447000000 GHz 10.0 Stop Freq 11B/HCH 2.477000000 GHz 30.0 **CF Step** 3.000000 MHz 40.0 <u>Auto</u> Man -50.0 Freq Offset 0 Hz Center 2.46200 GHz Span 30.00 MHz Sweep 31.67 ms (1001 pts) #Res BW 30 kHz **#VBW** 100 kHz

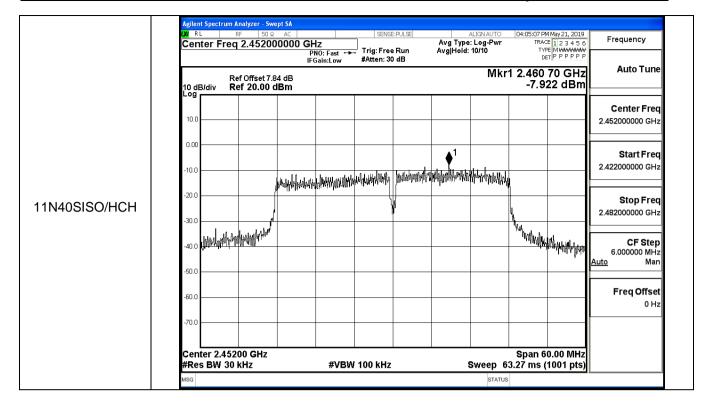
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC Frequency Avg Type: Log-Pwr Avg|Hold: 10/10 Center Freq 2.412000000 GHz Trig: Free Run PNO: Fast +++ IFGain:Low Auto Tune Mkr1 2.416 38 GHz Ref Offset 7.84 dB Ref 20.00 dBm -5.525 dBm 10 dB/div Center Freq 2.412000000 GHz perturner from the set personal persona 0.00 2.397000000 GHz 10.0 The work of the second Stop Freq 1-40.0 HAWAYAN NWANYANA 11G/LCH 2.427000000 GHz **CF Step** 3.000000 MHz <u>Auto</u> Man Freq Offset Span 30.00 MHz Center 2.41200 GHz **#VBW 100 kHz** Sweep 31.67 ms (1001 pts) Agilent Spectrum Analyzer - Swept SA Frequency Avg Type: Log-Pwr Avg|Hold: 10/10 Center Freq 2.437000000 GHz PNO: Fast +++ IFGain:Low Trig: Free Run #Atten: 30 dB Auto Tune Mkr1 2.435 11 GHz Ref Offset 7.84 dB Ref 20.00 dBm -5.956 dBm 10 dB/div Log Center Freq 10.0 2.437000000 GHz 0.00 Start Freq Anthornament of the sound of th 2.422000000 GHz 10.0 Stop Freq 11G/MCH White Address of the Control of the 2.452000000 GHz -30.0 **CF Step** 3.000000 MHz 40.0 Freq Offset Span 30.00 MHz Center 2.43700 GHz #Res BW 30 kHz **#VBW 100 kHz** Sweep 31.67 ms (1001 pts)

SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC Frequency Avg Type: Log-Pwr Avg|Hold: 10/10 Center Freq 2.462000000 GHz Trig: Free Run PNO: Fast +++ IFGain:Low #Atten: 30 dB Auto Tune Mkr1 2.462 99 GHz Ref Offset 7.84 dB Ref 20.00 dBm -5.361 dBm 10 dB/div Center Freq 10.0 2.462000000 GHz 0.00 Start Freq 2.447000000 GHz 10.0 Stop Freq The through the service 11G/HCH 2.477000000 GHz 30 C Www. **CF Step** 3.000000 MHz -40.0 <u>Auto</u> Man -50.0 Freq Offset Span 30.00 MHz Center 2.46200 GHz **#VBW 100 kHz** Sweep 31.67 ms (1001 pts) Agilent Spectrum Analyzer - Swept SA Frequency Avg Type: Log-Pwr Avg|Hold: 10/10 Center Freq 2.412000000 GHz PNO: Fast +++ IFGain:Low Trig: Free Run #Atten: 30 dB Auto Tune Mkr1 2.415 75 GHz Ref Offset 7.84 dB Ref 20.00 dBm -6.647 dBm 10 dB/div Log Center Freq 10.0 2.412000000 GHz 0.00 Start Freq 2.397000000 GHz 10.0 Stop Freq The way the following the 11N20SISO/LCH 2 427000000 GHz -30.0 Privatival Mary **CF Step** 3.000000 MHz -40.0 <u>Auto</u> Man Freq Offset Center 2.41200 GHz Span 30.00 MHz #Res BW 30 kHz **#VBW 100 kHz** Sweep 31.67 ms (1001 pts)

SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC Frequency Avg Type: Log-Pwr Avg|Hold: 10/10 Center Freq 2.437000000 GHz Trig: Free Run PNO: Fast +++ IFGain:Low #Atten: 30 dB Auto Tune Mkr1 2.431 96 GHz Ref Offset 7.84 dB Ref 20.00 dBm -5.804 dBm 10 dB/div Center Freq 10.0 2.437000000 GHz 0.00 Start Freq 4000 about board paper agoing brader all water all boards and boards 2.422000000 GHz 10.0 20.1 Stop Freq 11N20SISO/MCH NW/V privipolyman, 2.452000000 GHz -30 (WALL TO SHOW THE SHOW **CF Step** 3.000000 MHz -40.0 <u>Auto</u> Man -50.0 Freq Offset 70.0 Span 30.00 MHz Center 2.43700 GHz **#VBW 100 kHz** Sweep 31.67 ms (1001 pts) Agilent Spectrum Analyzer - Swept SA 34 PM May 21, 2019 TRACE 1 2 3 4 5 6 TYPE M WWWWWW DET P P P P P Frequency Avg Type: Log-Pwr Avg|Hold: 10/10 Center Freq 2.462000000 GHz PNO: Fast +++ IFGain:Low Trig: Free Run #Atten: 30 dB **Auto Tune** Mkr1 2.463 86 GHz Ref Offset 7.84 dB Ref 20.00 dBm -6.087 dBm 10 dB/div Log Center Freq 10.0 2.462000000 GHz www.haranananaharan paranaharanananaharana 0.00 Start Freq 2.447000000 GHz 10.0 Stop Freq 11N20SISO/HCH hand white and 2 477000000 GHz -30.0 MYNYNININ NAMONA **CF Step** 3.000000 MHz -40.0 <u>Auto</u> Man -50.0 Freq Offset Span 30.00 MHz Center 2.46200 GHz #Res BW 30 kHz **#VBW** 100 kHz Sweep 31.67 ms (1001 pts)

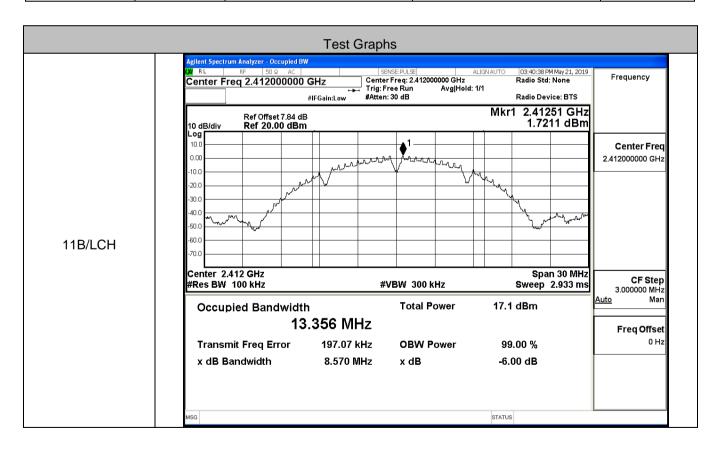
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC Frequency Avg Type: Log-Pwr Avg|Hold: 10/10 Center Freq 2.422000000 GHz Trig: Free Run PNO: Fast +++ IFGain:Low #Atten: 30 dB Auto Tune Mkr1 2.424 52 GHz Ref Offset 7.84 dB Ref 20.00 dBm -6.519 dBm 10 dB/div Center Freq 10.0 2.422000000 GHz 0.00 Start Freq political designation of the standard of the s and the political property that the state of 2.392000000 GHz 10.0 20.0 Stop Freq 11N40SISO/LCH 2.452000000 GHz 30 C John Mark Hand of Mark production Protest Andrew Control of the Contro **CF Step** 6.000000 MHz -40.0 <u>Auto</u> Man -50.0 Freq Offset 70.0 Span 60.00 MHz Center 2.42200 GHz #Res BW 30 kHz **#VBW 100 kHz** Sweep 63.27 ms (1001 pts) Agilent Spectrum Analyzer - Swept SA Frequency Avg Type: Log-Pwr Avg|Hold: 10/10 Center Freq 2.437000000 GHz PNO: Fast +++ IFGain:Low Trig: Free Run #Atten: 30 dB Auto Tune Mkr1 2.425 72 GHz Ref Offset 7.84 dB Ref 20.00 dBm -7.610 dBm 10 dB/div Log Center Freq 10.0 2.437000000 GHz 0.00 Start Freq Washington bearing the burning and the second secon 2.407000000 GHz 10.0 Stop Freq 11N40SISO/MCH 2.467000000 GHz -30.0 Martine hille and lateriful described **CF Step** 6.000000 MHz -40.0 <u>Auto</u> Man -50.0 Freq Offset Span 60.00 MHz Center 2.43700 GHz #Res BW 30 kHz **#VBW** 100 kHz Sweep 63.27 ms (1001 pts)

SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC



C.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	8.570	≥0.5	PASS
11B	MCH	8.571	≥0.5	PASS
	HCH	8.078	≥0.5	PASS
	LCH	15.75	≥0.5	PASS
11G	MCH	15.75	≥0.5	PASS
	HCH	15.38	≥0.5	PASS
	LCH	16.36	≥0.5	PASS
11N20SISO	MCH	16.35	≥0.5	PASS
	HCH	15.12	≥0.5	PASS
	LCH	23.84	≥0.5	PASS
11N40SISO	MCH	35.14	≥0.5	PASS
	HCH	35.34	≥0.5	PASS



SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC 03:43:00 PM May 21, 2019 Radio Std: None Frequency Center Freq: 2.437000000 GHz Trig: Free Run Avg|Hold: 1/1 Center Freq 2.437000000 GHz Trig: Free Run #Atten: 30 dB #IFGain:Low Radio Device: BTS Mkr1 2.43751 GHz 1.8590 dBm Ref Offset 7.84 dB Ref 20.00 dBm 10.0 Center Freq hannan n no 2.437000000 GHz 10 O 11B/MCH Center 2.437 GHz #Res BW 100 kHz Span 30 MHz **CF Step #VBW** 300 kHz Sweep 2.933 ms 3.000000 MHz Man **Total Power** 17.4 dBm Occupied Bandwidth 13.404 MHz Freq Offset -335.84 kHz **Transmit Freq Error OBW Power** 99.00 % 8.571 MHz -6.00 dB x dB Bandwidth x dB gilent Spectrum Analyzer - Occupied BW 03:44:39 PM May 21, 2019 Radio Std: None Center Freq: 2.462000000 GHz Trig: Free Run Avg|Hold: 1/1 #Atten: 30 dB Frequency Center Freq 2.462000000 GHz #IFGain:Low Radio Device: BTS Mkr1 2.46299 GHz 1.5349 dBm Ref Offset 7.84 dB Ref 20.00 dBm 10 dB/div Center Freq 2.462000000 GHz 10.0 11B/HCH Center 2.462 GHz #Res BW 100 kHz Span 30 MHz **CF Step** 3.000000 MHz #VBW 300 kHz Sweep 2.933 ms **Total Power** 16.7 dBm Occupied Bandwidth 12.909 MHz Freq Offset 285.63 kHz **OBW Power** 99.00 % **Transmit Freq Error** 8.078 MHz -6.00 dB x dB Bandwidth x dB STATUS

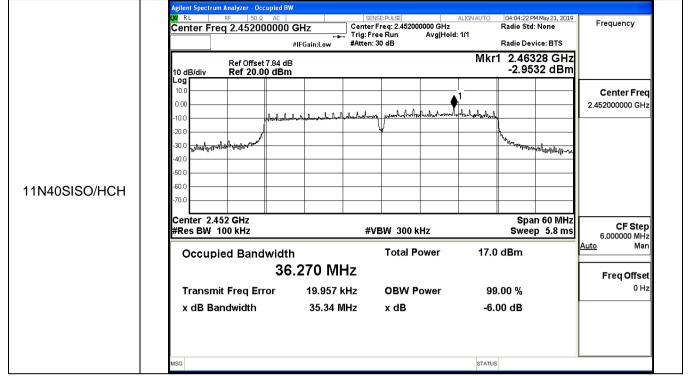
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC |03:47:09 PM May 21, 2019 Radio Std: None Frequency Center Freq: 2.412000000 GHz Trig: Free Run Avg|Hold: 1/1 Center Freq 2.412000000 GHz Trig: Free Run #Atten: 30 dB #IFGain:Low Radio Device: BTS Mkr1 2.41323 GHz -0.56012 dBm Ref Offset 7.84 dB Ref 20.00 dBm 10.0 Center Freq n no 2.412000000 GHz 40 O mulvery myseles way was a second of the second 40.1 11G/LCH Center 2.412 GHz #Res BW 100 kHz Span 30 MHz **CF Step #VBW** 300 kHz Sweep 2.933 ms 3.000000 MHz Man **Total Power** 16.7 dBm Occupied Bandwidth 16.693 MHz Freq Offset **Transmit Freq Error** 141.77 kHz **OBW Power** 99.00 % 15.75 MHz -6.00 dB x dB Bandwidth x dB gilent Spectrum Analyzer - Occupied BW 03:49:28 PM May 21, 2019 Radio Std: None Center Freq: 2.437000000 GHz Trig: Free Run Avg|Hold: 1/1 #Atten: 30 dB Frequency Center Freq 2.437000000 GHz #IFGain:Low Radio Device: BTS Mkr1 2.43199 GHz -0.75647 dBm Ref Offset 7.84 dB Ref 20.00 dBm 10 dB/div Center Freq n no 2.437000000 GHz partural manuscher 10.0 Mary Mary Mary www. 11G/MCH Center 2.437 GHz Span 30 MHz **CF Step** Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms 3.000000 MHz Man **Total Power** 16.7 dBm Occupied Bandwidth 16.620 MHz Freq Offset -182.87 kHz **OBW Power** 99.00 % **Transmit Freq Error** 15.75 MHz -6.00 dB x dB Bandwidth x dB STATUS

SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC 03:51:18 PM May 21, 2019 Radio Std: None Frequency Center Freq: 2.462000000 GHz Trig: Free Run Avg|Hold: 1/1 Center Freq 2.462000000 GHz Trig: Free Run #Atten: 30 dB #IFGain:Low Radio Device: BTS Mkr1 2.46323 GHz -0.46903 dBm Ref Offset 7.84 dB Ref 20.00 dBm 10.0 Center Freq n no 2.462000000 GHz 10 O - MANA MANANA ሌላ ነበ አዲሳ 40.1 11G/HCH Center 2.462 GHz #Res BW 100 kHz Span 30 MHz **CF Step #VBW** 300 kHz Sweep 2.933 ms 3.000000 MHz Man **Total Power** 16.3 dBm Occupied Bandwidth 16.383 MHz Freq Offset 96.737 kHz **Transmit Freq Error OBW Power** 99.00 % 15.38 MHz -6.00 dB x dB Bandwidth x dB gilent Spectrum Analyzer - Occupied BW 03:53:45 PM May 21, 2019 Radio Std: None Center Freq: 2.412000000 GHz Trig: Free Run Avg|Hold: 1/1 #Atten: 30 dB Frequency Center Freq 2.412000000 GHz #IFGain:Low Radio Device: BTS Mkr1 2.41326 GHz -0.44880 dBm Ref Offset 7.84 dB Ref 20.00 dBm 10 dB/div Center Freq n no 2.412000000 GHz 10.0 Mary Mary and Mary Andrews 11N20SISO/LCH Center 2.412 GHz #Res BW 100 kHz Span 30 MHz **CF Step** #VBW 300 kHz Sweep 2.933 ms 3.000000 MHz Man **Total Power** 16.8 dBm Occupied Bandwidth 17.737 MHz Freq Offset 86.773 kHz **OBW Power** 99.00 % **Transmit Freq Error** 16.36 MHz -6.00 dB x dB Bandwidth x dB STATUS

SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC 03:56:08 PM May 21, 2019 Radio Std: None Frequency Center Freq: 2.437000000 GHz Trig: Free Run Avg|Hold: 1/1 Center Freq 2.437000000 GHz Trig: Free Run #Atten: 30 dB #IFGain:Low Radio Device: BTS Mkr1 2.43199 GHz -0.81142 dBm Ref Offset 7.84 dB Ref 20.00 dBm 10.0 Center Freq n no 2.437000000 GHz manhara hambaraka 10.0 whatehale Mark water 40.1 11N20SISO/MCH Center 2.437 GHz #Res BW 100 kHz Span 30 MHz **CF Step #VBW** 300 kHz Sweep 2.933 ms 3.000000 MHz Man **Total Power** 16.6 dBm Occupied Bandwidth 17.679 MHz Freq Offset -131.45 kHz **Transmit Freq Error OBW Power** 99.00 % 16.35 MHz -6.00 dB x dB Bandwidth x dB gilent Spectrum Analyzer - Occupied BW 03:57:49 PM May 21, 2019 Radio Std: None Center Freq: 2.462000000 GHz Trig: Free Run Avg|Hold: 1/1 #Atten: 30 dB Frequency Center Freq 2.462000000 GHz #IFGain:Low Radio Device: BTS Mkr1 2.46329 GHz -0.69720 dBm Ref Offset 7.84 dB Ref 20.00 dBm 10 dB/div Center Freq n no 2.462000000 GHz Mushmuhanha 10.0 Muchan White different of the second ያሌ/የሌላየአላየ 40.1 11N20SISO/HCH Center 2.462 GHz Span 30 MHz **CF Step** Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms 3.000000 MHz Man **Total Power** 16.0 dBm Occupied Bandwidth 17.502 MHz Freq Offset 93.960 kHz 0 Hz **OBW Power** 99.00 % **Transmit Freq Error** 15.12 MHz -6.00 dB x dB Bandwidth x dB STATUS

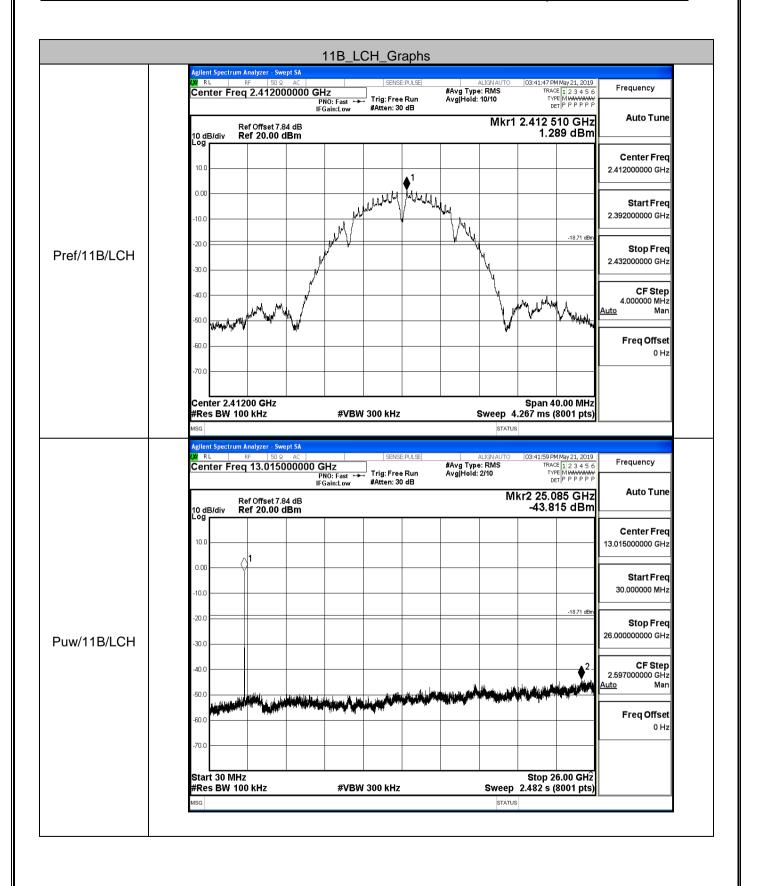
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC 04:00:17 PM May 21, 2019 Radio Std: None Frequency Center Freq: 2.422000000 GHz Trig: Free Run Avg|Hold: 1/1 Center Freq 2.422000000 GHz Trig: Free Run #Atten: 30 dB #IFGain:Low Radio Device: BTS Mkr1 2.42452 GHz -0.98540 dBm Ref Offset 7.84 dB Ref 20.00 dBm 10.0 Center Freq n no 2.422000000 GHz 10 O _rythadelletethelleterraniethelle MANAMERA 40.1 11N40SISO/LCH Center 2.422 GHz #Res BW 100 kHz Span 60 MHz **CF Step #VBW** 300 kHz Sweep 5.8 ms 6.000000 MHz Man **Total Power** 17.6 dBm Occupied Bandwidth 35.594 MHz Freq Offset **Transmit Freq Error** 40.062 kHz **OBW Power** 99.00 % 23.84 MHz -6.00 dB x dB Bandwidth x dB gilent Spectrum Analyzer - Occupied BW 04:02:40 PM May 21, 2019 Radio Std: None Center Freq: 2.437000000 GHz Trig: Free Run Avg|Hold: 1/1 #Atten: 30 dB Frequency Center Freq 2.437000000 GHz #IFGain:Low Radio Device: BTS Mkr1 2.4295 GHz -2.5752 dBm Ref Offset 7.84 dB Ref 20.00 dBm 10 dB/div Center Freq n no 2.437000000 GHz 10.0 Wantantal January motorhyllylyhyhyhyn 11N40SISO/MCH Center 2.437 GHz #Res BW 100 kHz Span 60 MHz **CF Step** #VBW 300 kHz Sweep 5.8 ms 6.000000 MHz Man 17.1 dBm **Total Power** Occupied Bandwidth 35.989 MHz Freq Offset -89.697 kHz 0 Hz **OBW Power** 99.00 % **Transmit Freq Error** 35.14 MHz -6.00 dB x dB Bandwidth x dB STATUS

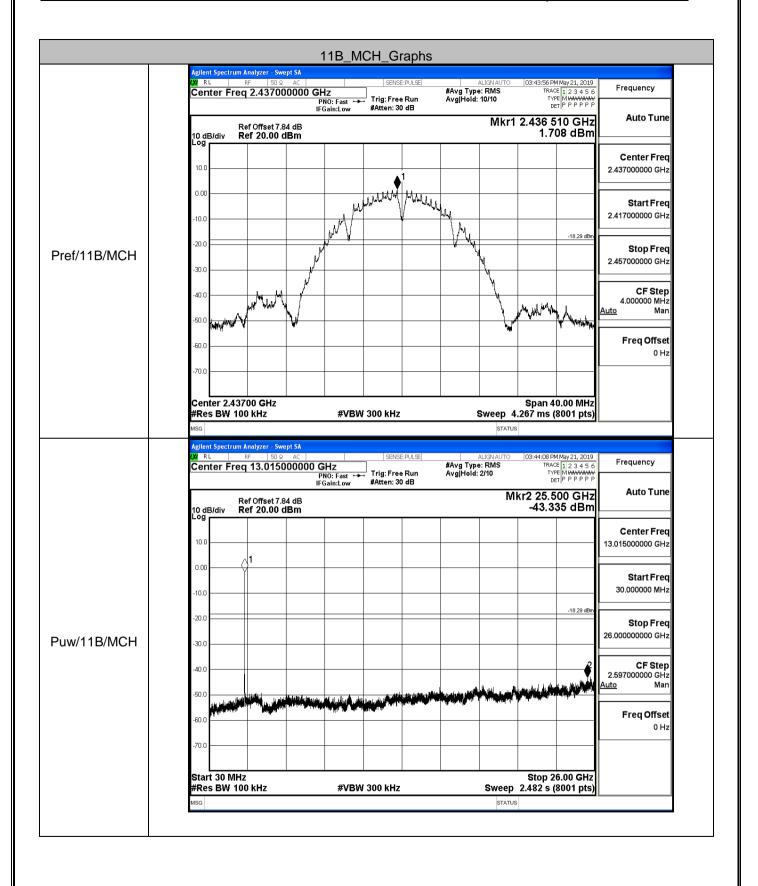
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC

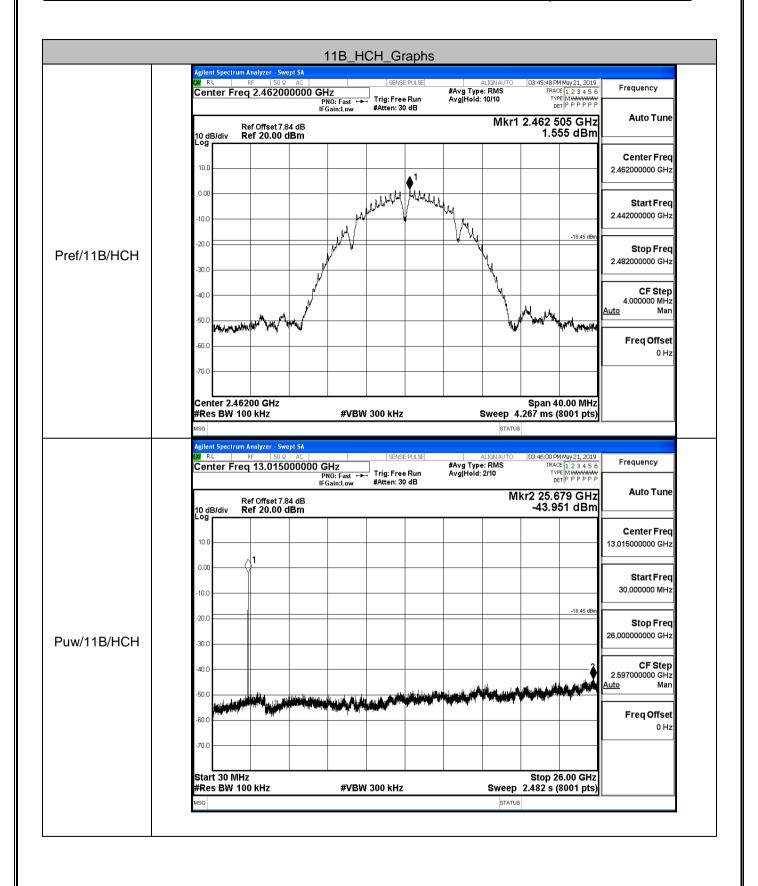


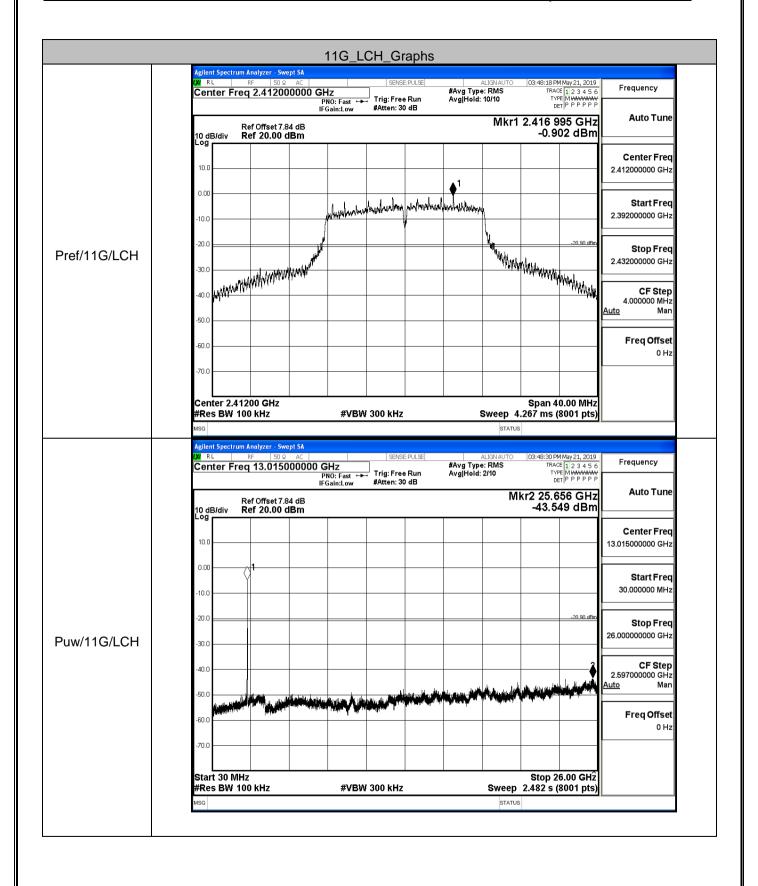
C.5 RF Conducted Spurious Emissions

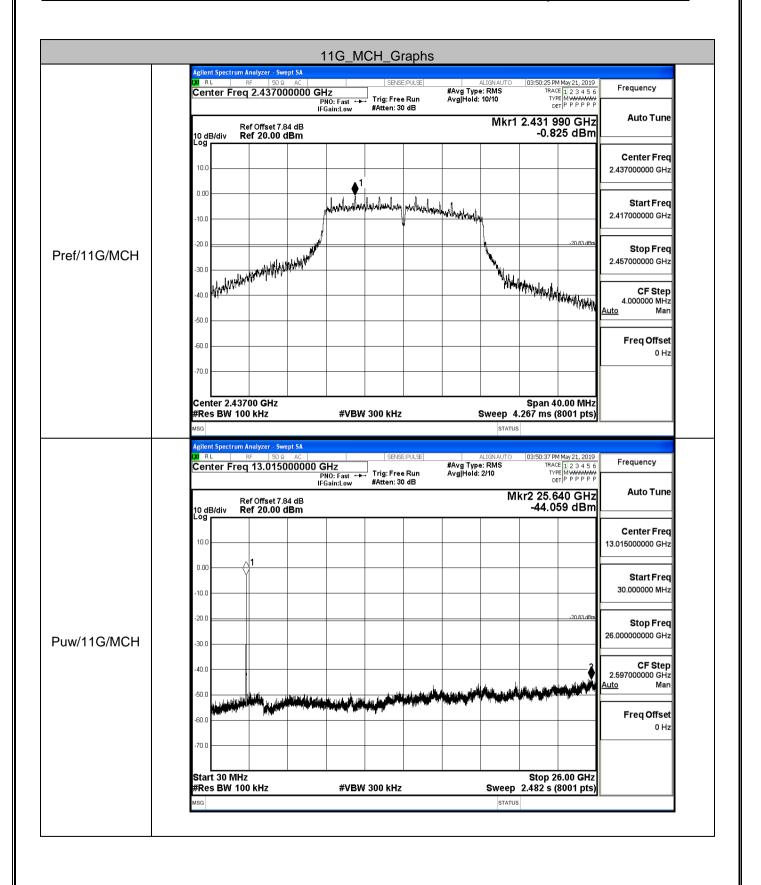
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdic t
	LCH	1.289	-43.815	-18.711	PASS
11B	MCH	1.708	-43.335	-18.292	PASS
	HCH	1.555	-43.951	-18.445	PASS
	LCH	-0.902	-43.549	-20.902	PASS
11G	MCH	-0.825	-44.059	-20.825	PASS
	HCH	-0.534	-43.700	-20.534	PASS
	LCH	-0.506	-44.087	-20.506	PASS
11N20	MCH	-0.904	-43.146	-20.904	PASS
SISO	НСН	-0.596	-43.245	-20.596	PASS
	LCH	-1.237	-42.448	-21.237	PASS
11N40	MCH	-2.497	-43.170	-22.497	PASS
SISO	НСН	-3.223	-42.892	-23.223	PASS

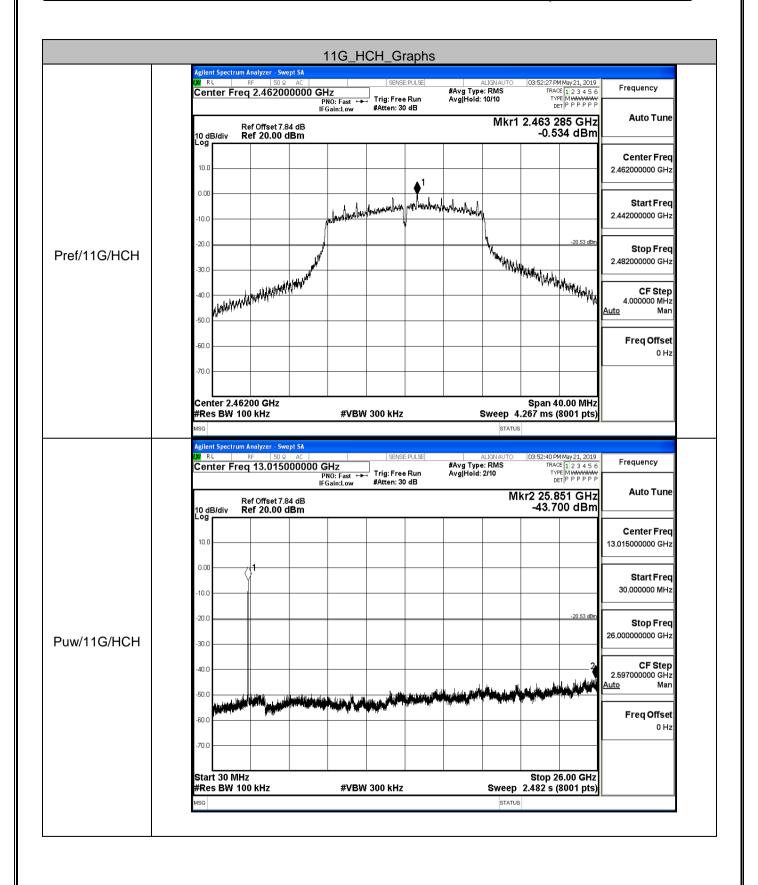


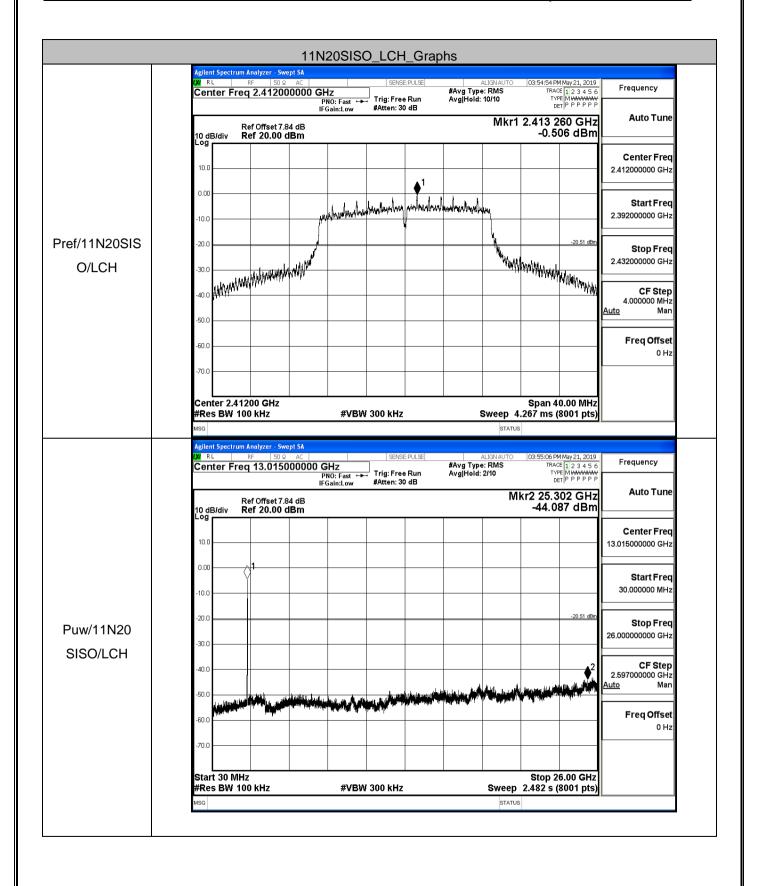


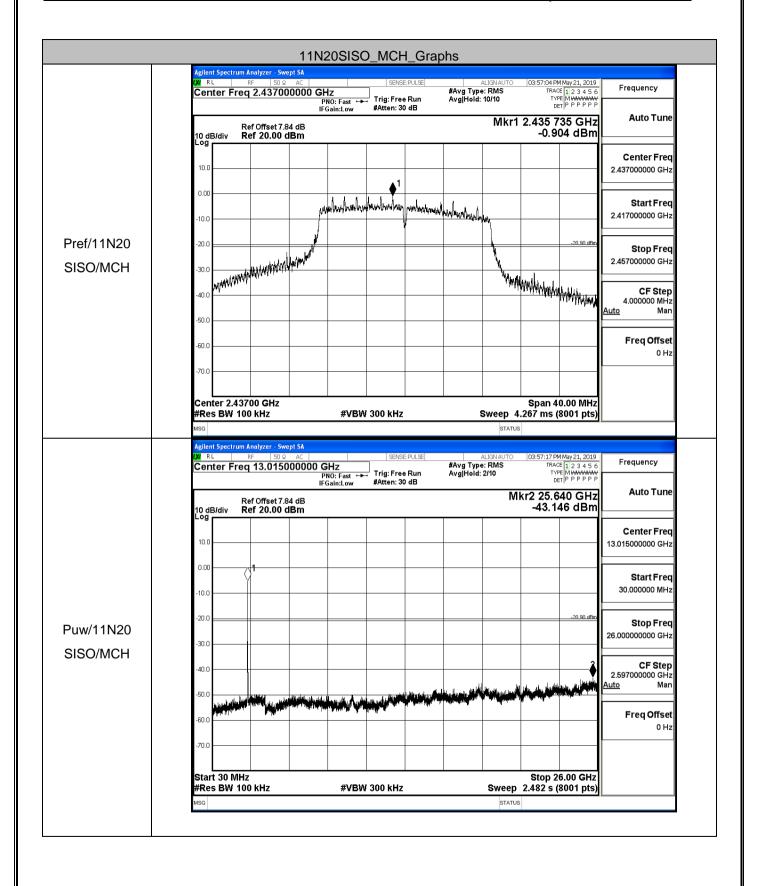


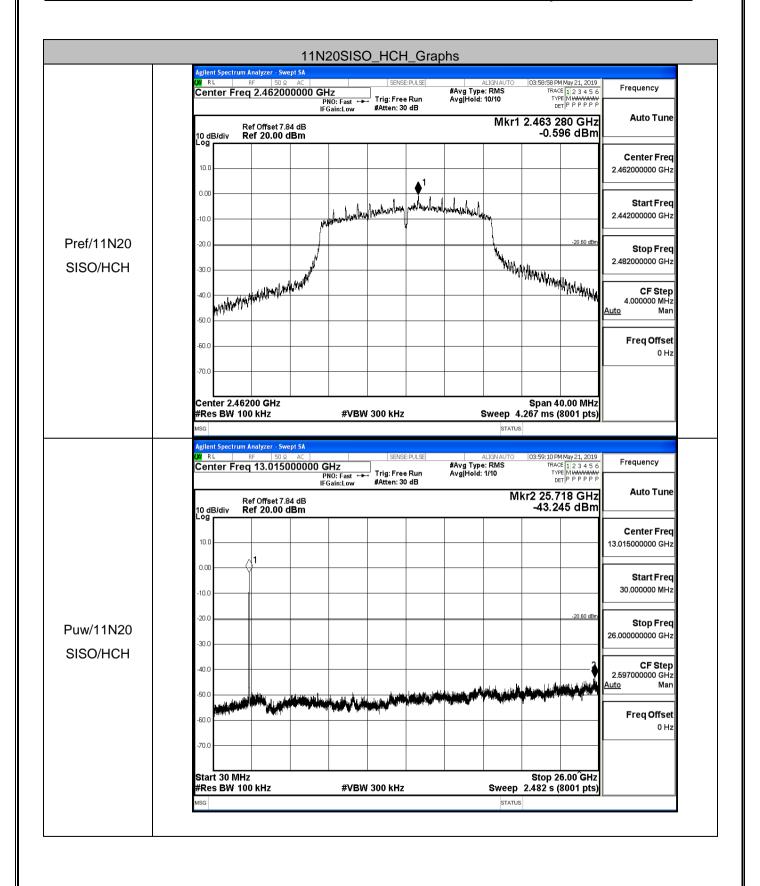


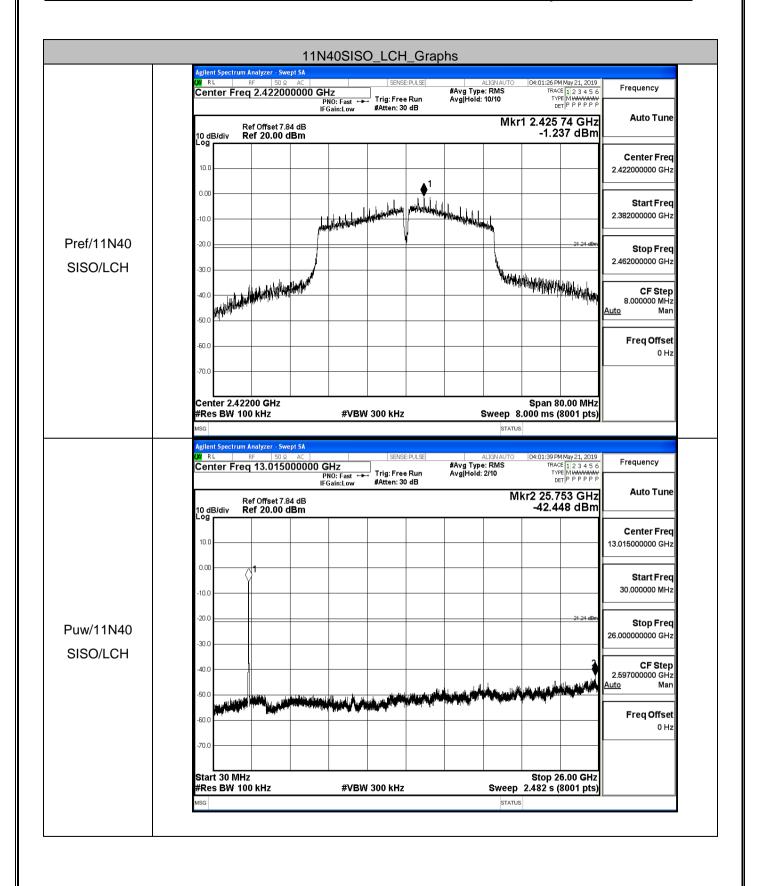


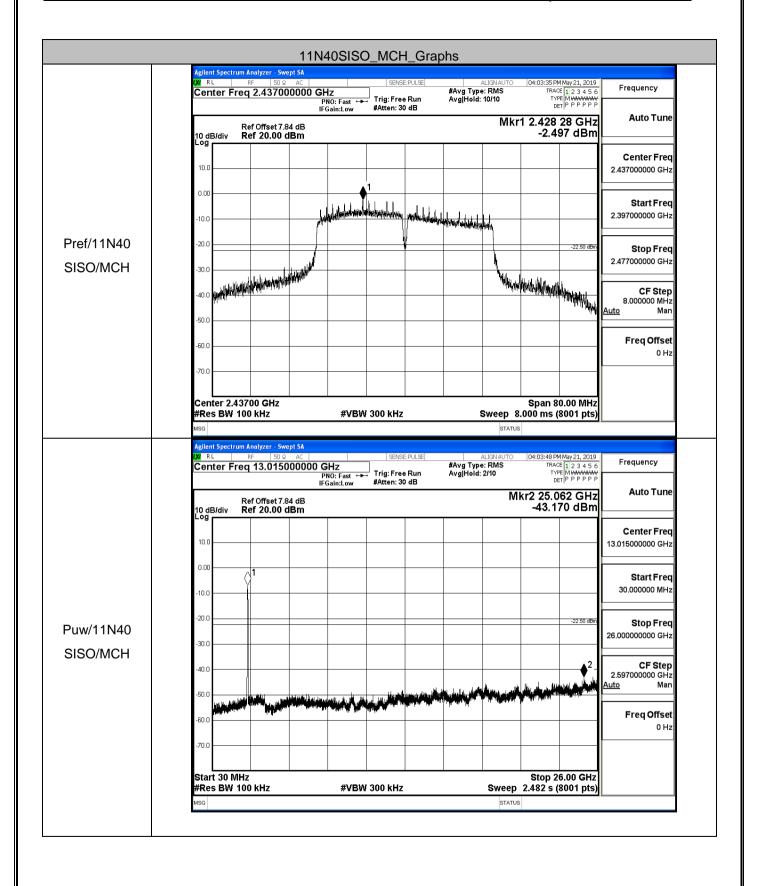


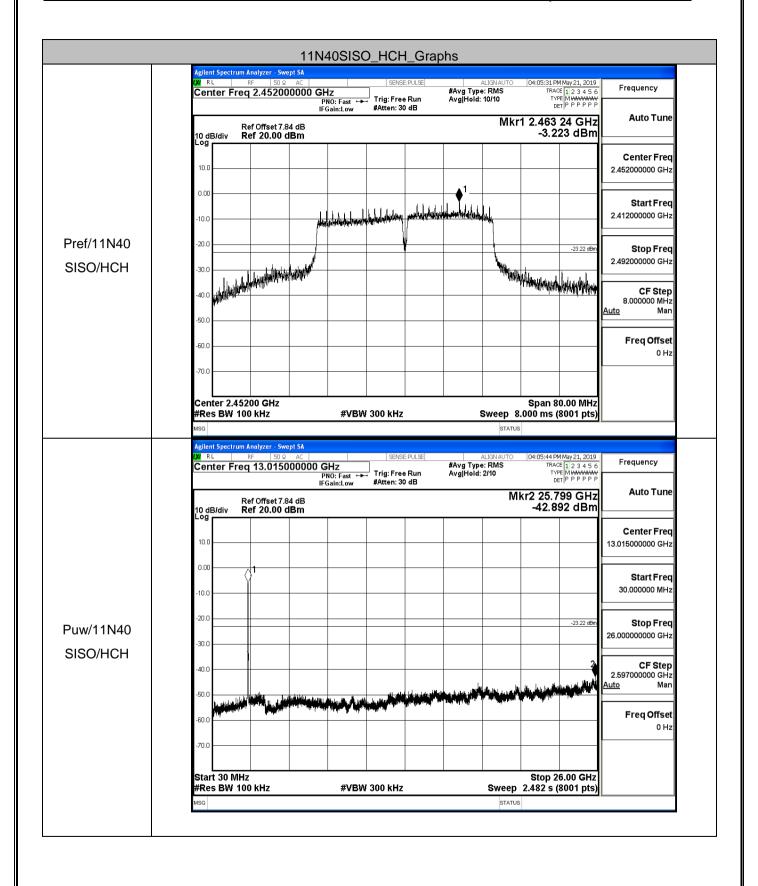






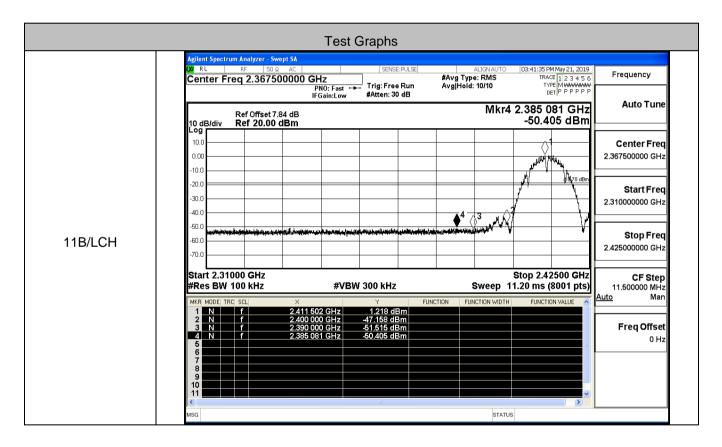






C.6 Band-edge for RF Conducted Emissions

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
445	LCH	1.218	-50.405	-18.78	PASS
11B	HCH	1.232	-49.416	-18.77	PASS
	LCH	-0.514	-41.874	-20.51	PASS
11G	HCH	-0.030	-42.105	-20.03	PASS
	LCH	-0.997	-41.207	-21	PASS
11N20SISO	HCH	-1.710	-41.549	-21.71	PASS
	LCH	-1.113	-38.248	-21.11	PASS
11N40SISO	HCH	-2.984	-30.646	-22.98	PASS

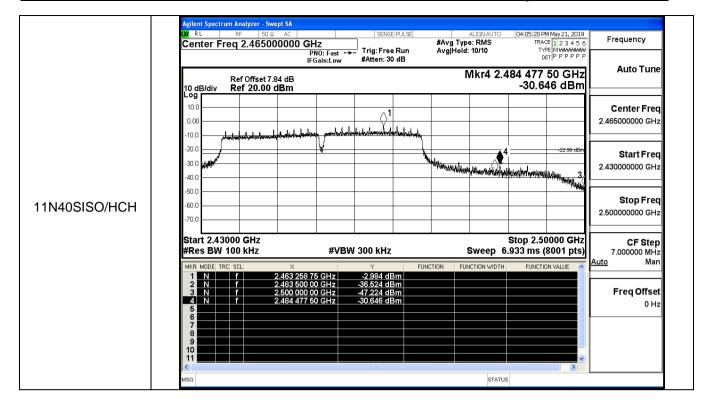


SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC 37 PM May 21, 2019 TRACE 1 2 3 4 5 6 TYPE M WWWWWW P P P P P P Frequency #Avg Type: RMS Avg|Hold: 10/10 Center Freq 2.475000000 GHz Trig: Free Run PNO: Fast ↔ IFGain:Low #Atten: 30 dB Mkr4 2.491 731 25 GHz -49.416 dBm Auto Tune Ref Offset 7.84 dB Ref 20.00 dBm 10.0 Center Freq 2.475000000 GHz 10 f -18.77 dB -2n r Start Freq 30.0 2.450000000 GHz -50.0 Stop Freq 11B/HCH -en r 2.500000000 GHz Start 2.45000 GHz #Res BW 100 kHz Stop 2.50000 GHz **CF Step** 5.000000 MHz **#VBW** 300 kHz Sweep 4.800 ms (8001 pts) <u>Auto</u> Man FUNCTION Freq Offset Agilent Spectrum Analyzer - Swept SA O 03:48:07 PM May 21, 2019 TRACE 1 2 3 4 5 6 TYPE M WWWWWW DET P P P P P P Frequency #Avg Type: RMS Avg|Hold: 10/10 Center Freq 2.367500000 GHz Trig: Free Run #Atten: 30 dB PNO: Fast +++ IFGain:Low Auto Tune Mkr4 2.389 479 GHz Ref Offset 7.84 dB Ref 20.00 dBm -41.874 dBm 10.0 Center Freq 2.367500000 GHz 10.0 -20.0 Start Freq 30.0 2.310000000 GHz Stop Freq 11G/LCH -60.0 2.425000000 GHz Start 2.31000 GHz Stop 2.42500 GHz CF Step #Res BW 100 kHz **#VBW** 300 kHz Sweep 11.20 ms (8001 pts) 11.500000 MHz Man Freq Offset 0 Hz STATUS

SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC 03:52:16 PM May 21, 2019 TRACE 1 2 3 4 5 6 TYPE M WWWWWW DET P P P P P P Frequency #Avg Type: RMS Avg|Hold: 10/10 Center Freq 2.475000000 GHz Trig: Free Run PNO: Fast ↔ IFGain:Low #Atten: 30 dB Auto Tune Mkr4 2.483 593 75 GHz -42.105 dBm Ref Offset 7.84 dB Ref 20.00 dBm 10.0 Center Freq 2.475000000 GHz 10 f -20.03 dB 20.0 All the second s Start Freq 30.0 2.450000000 GHz Stop Freq 11G/HCH -en r 2.500000000 GHz Start 2.45000 GHz #Res BW 100 kHz Stop 2.50000 GHz **CF Step** 5.000000 MHz **#VBW** 300 kHz Sweep 4.800 ms (8001 pts) <u>Auto</u> Man FUNCTION Freq Offset Agilent Spectrum Analyzer - Swept SA O 03:54:42 PM May 21, 2019 TRACE 1 2 3 4 5 6 TYPE M WWWWWW DET P P P P P P Frequency #Avg Type: RMS Avg|Hold: 10/10 Center Freq 2.367500000 GHz Trig: Free Run #Atten: 30 dB PNO: Fast +++ IFGain:Low Mkr4 2.389 465 GHz -41.207 dBm Auto Tune Ref Offset 7.84 dB Ref 20.00 dBm 10.0 Center Freq 2.367500000 GHz 10.0 -20.0 Start Freq 30.0 2.310000000 GHz Stop Freq 11N20SISO/LCH -60.0 2.425000000 GHz Start 2.31000 GHz Stop 2.42500 GHz CF Step #Res BW 100 kHz #VBW 300 kHz Sweep 11.20 ms (8001 pts) 11.500000 MHz Man Freq Offset 0 Hz STATUS

SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC 46 PM May 21, 2019 TRACE 1 2 3 4 5 6 TYPE M WWWWWW DET P P P P P Frequency #Avg Type: RMS Avg|Hold: 10/10 Center Freq 2.475000000 GHz Trig: Free Run PNO: Fast ↔ IFGain:Low #Atten: 30 dB Auto Tune Mkr4 2.483 850 00 GHz -41.549 dBm Ref Offset 7.84 dB Ref 20.00 dBm 10.0 Center Freq 2.475000000 GHz 10 f 20.0 Start Freq THE WHAT THE WASHINGTON THE WASHINGT 30.0 2.450000000 GHz Stop Freq 11N20SISO/HCH -en r 2.500000000 GHz Start 2.45000 GHz #Res BW 100 kHz Stop 2.50000 GHz **CF Step** 5.000000 MHz #VBW 300 kHz Sweep 4.800 ms (8001 pts) <u>Auto</u> Man FUNCTION Freq Offset Agilent Spectrum Analyzer - Swept SA O 04:01:15 PM May 21, 2019 TRACE 1 2 3 4 5 6 TYPE M WWWWWW DET P P P P P P Frequency #Avg Type: RMS Avg|Hold: 10/10 Center Freq 2.377500000 GHz Trig: Free Run PNO: Fast +++ IFGain:Low #Atten: 30 dB Auto Tune Mkr4 2.389 599 GHz Ref Offset 7.84 dB Ref 20.00 dBm -38.248 dBm 10.0 Center Freq 2.377500000 GHz 10.0 -20.0 -21.11 dB Start Freq 30.0 2.310000000 GHz Stop Freq 11N40SISO/LCH -60.0 2.445000000 GHz Start 2.31000 GHz Stop 2.44500 GHz CF Step #Res BW 100 kHz #VBW 300 kHz Sweep 13.33 ms (8001 pts) 13.500000 MHz Man Freq Offset 0 Hz STATUS

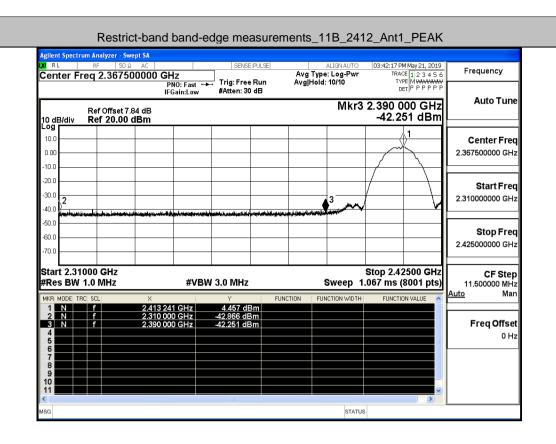
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC

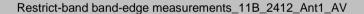


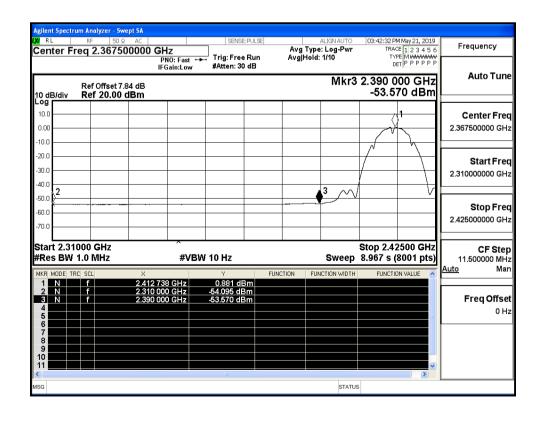
C.7 Restrict-band band-edge measurements

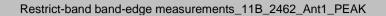
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBu V/m]	Verdict
	2412	Ant1	2310.0	-42.87	3.3	0	55.63	PEAK	74	PASS
	2412	Ant1	2310.0	-54.10	3.3	0	44.40	AV	54	PASS
	2412	Ant1	2390.0	-42.25	3.3	0	56.25	PEAK	74	PASS
5	2412	Ant1	2390.0	-53.57	3.3	0	44.93	AV	54	PASS
11B	2462	Ant1	2483.5	-43.10	3.3	0	55.40	PEAK	74	PASS
	2462	Ant1	2483.5	-53.35	3.3	0	45.15	AV	54	PASS
	2462	Ant1	2500.0	-43.04	3.3	0	55.46	PEAK	74	PASS
	2462	Ant1	2500.0	-53.45	3.3	0	45.05	AV	54	PASS
	2412	Ant1	2310.0	-44.52	3.3	0	53.98	PEAK	74	PASS
	2412	Ant1	2310.0	-54.12	3.3	0	44.38	AV	54	PASS
	2412	Ant1	2390.0	-31.52	3.3	0	66.98	PEAK	74	PASS
	2412	Ant1	2390.0	-46.29	3.3	0	52.21	AV	54	PASS
11G	2462	Ant1	2483.5	-28.85	3.3	0	69.65	PEAK	74	PASS
	2462	Ant1	2483.5	-46.88	3.3	0	51.62	AV	54	PASS
	2462	Ant1	2500.0	-42.38	3.3	0	56.12	PEAK	74	PASS
	2462	Ant1	2500.0	-53.31	3.3	0	45.19	AV	54	PASS
	2412	Ant1	2310.0	-42.50	3.3	0	56.00	PEAK	74	PASS
	2412	Ant1	2310.0	-54.10	3.3	0	44.40	AV	54	PASS
	2412	Ant1	2390.0	-27.39	3.3	0	71.11	PEAK	74	PASS
11N20	2412	Ant1	2390.0	-44.51	3.3	0	53.99	AV	54	PASS
SISO	2462	Ant1	2483.5	-28.94	3.3	0	69.56	PEAK	74	PASS
	2462	Ant1	2483.5	-45.66	3.3	0	52.84	AV	54	PASS
	2462	Ant1	2500.0	-43.71	3.3	0	54.79	PEAK	74	PASS
	2462	Ant1	2500.0	-53.34	3.3	0	45.16	AV	54	PASS
11N40	2422	Ant1	2310.0	-42.98	3.3	0	55.52	PEAK	74	PASS
SISO	2422	Ant1	2310.0	-54.13	3.3	0	44.37	AV	54	PASS

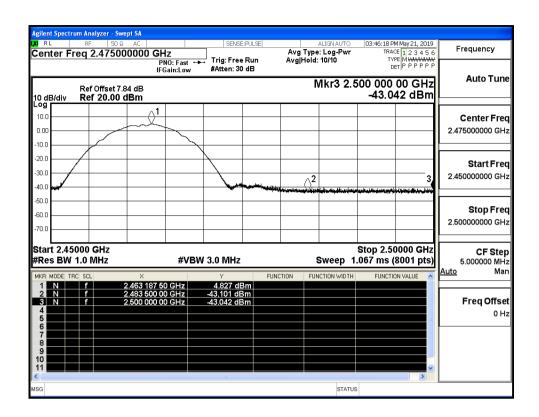
<u>SHENZ.</u>	SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ABD3MS-WR26D Report No.:LCS190412039AEC									2039AEC	
		2422	Ant1	2390.0	-29.33	3.3	0	69.17	PEAK	74	PASS
		2422	Ant1	2390.0	-47.36	3.3	0	51.14	AV	54	PASS
		2452	Ant1	2483.5	-40.65	3.3	0	57.85	PEAK	74	PASS
		2452	Ant1	2483.5	-52.94	3.3	0	45.56	AV	54	PASS
		2452	Ant1	2500.0	-42.82	3.3	0	55.68	PEAK	74	PASS
		2452	Ant1	2500.0	-53.42	3.3	0	45.08	AV	54	PASS



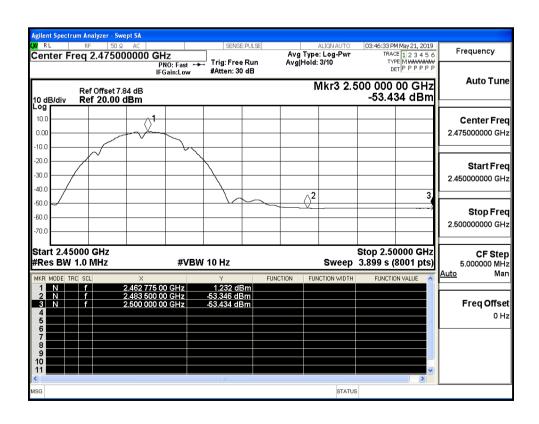


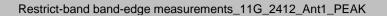


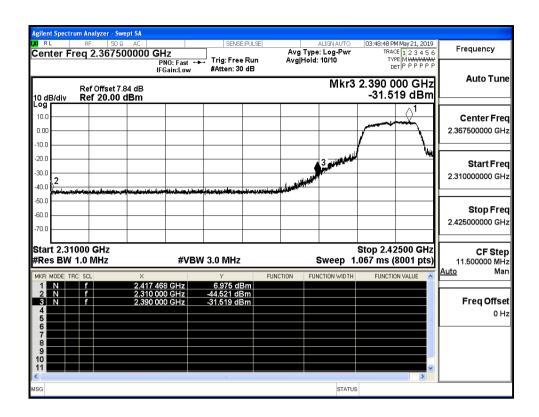




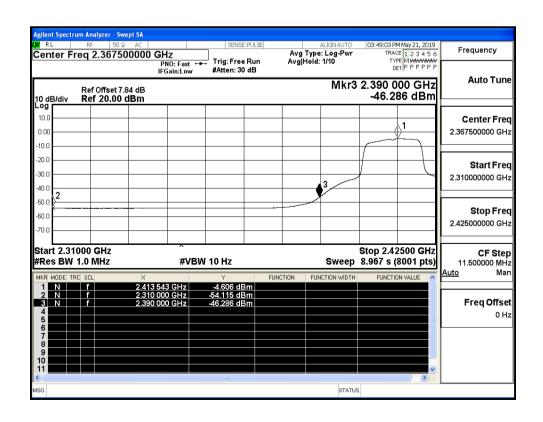
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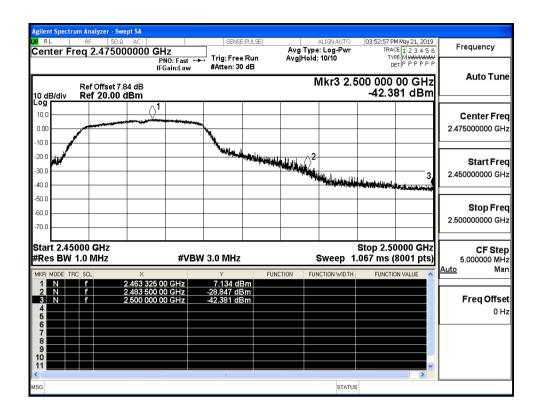




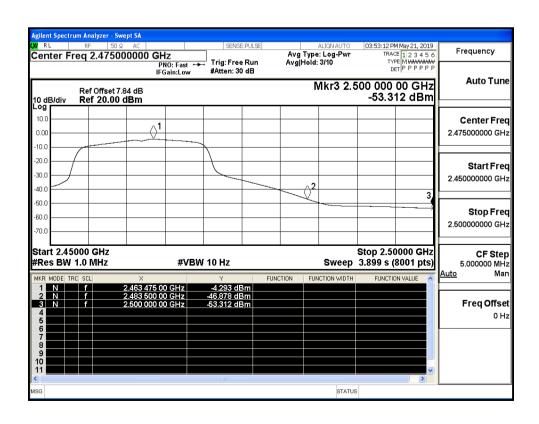
Restrict-band band-edge measurements_11G_2412_Ant1_AV

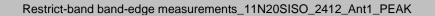


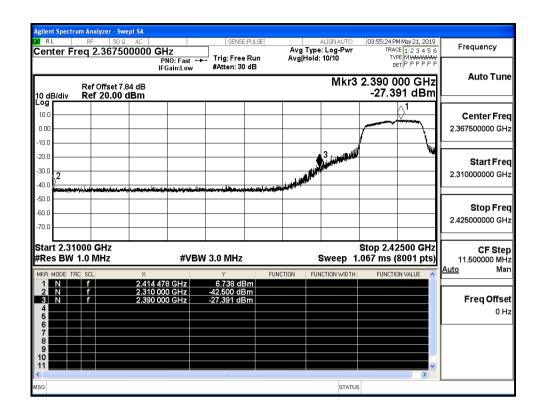
Restrict-band band-edge measurements_11G_2462_Ant1_PEAK



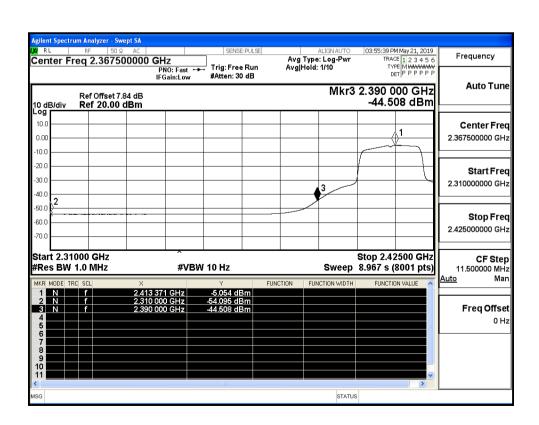
Restrict-band band-edge measurements_11G_2462_Ant1_AV

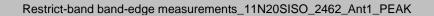


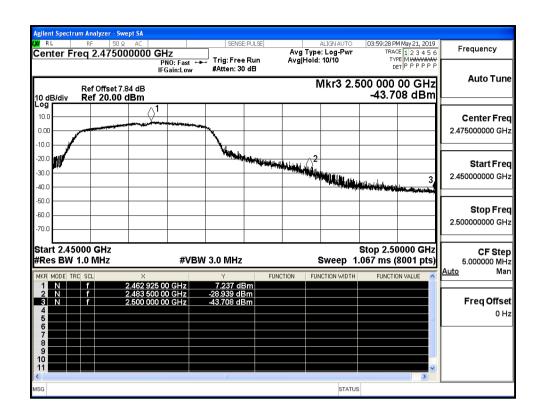




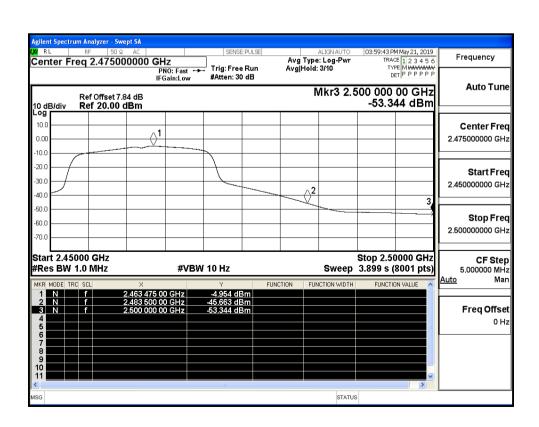
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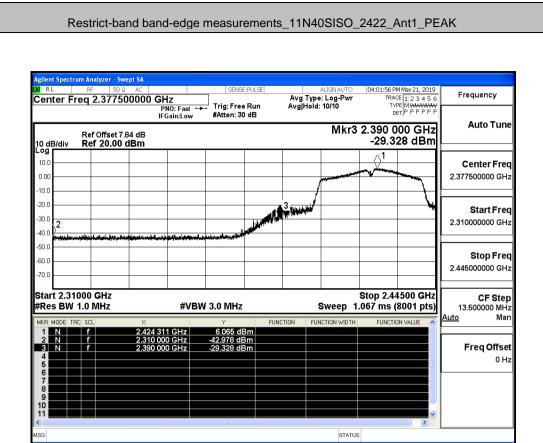


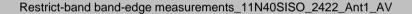


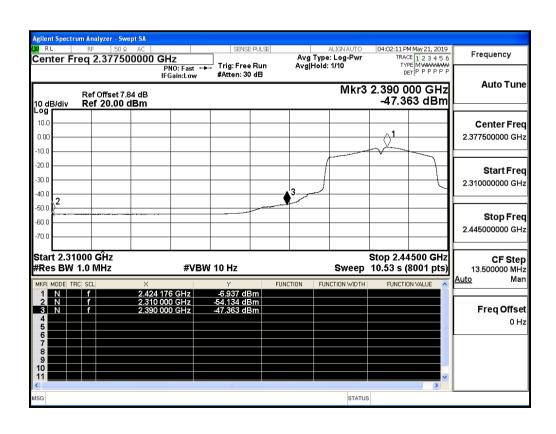


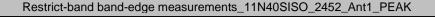
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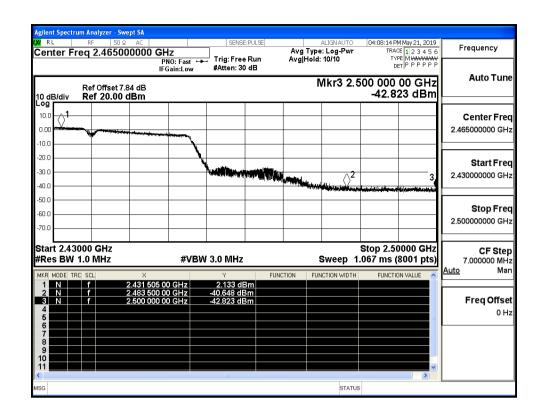












Restrict-band band-edge measurements_11N40SISO_2452_Ant1_AV

