
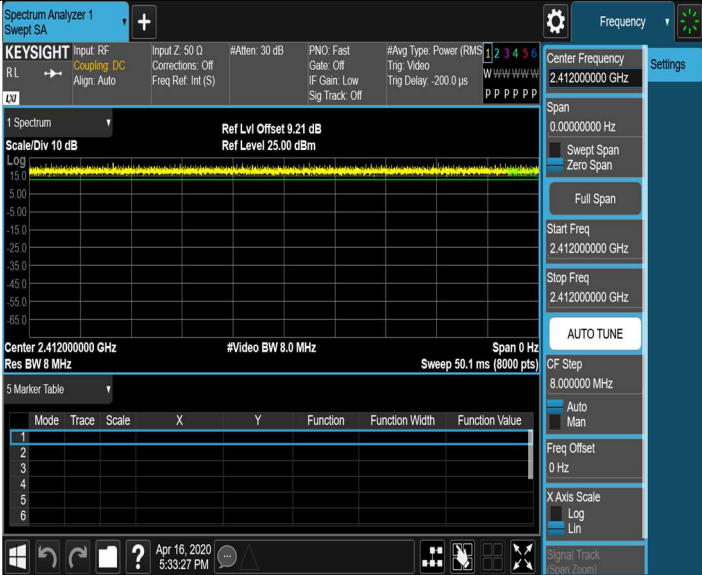


Appendix A: Duty cycle Test Result

Item	Duty Cycle																																																								
Mode	802.11b/g/n(HT20)/n(HT40)																																																								
Result	Duty Cycle:100%; Burst:50ms; Period:50ms																																																								
Graph:	 <p>The screenshot shows the Keysight Spectrum Analyzer interface. The main display area shows a flat spectrum line at a center frequency of 2.412000000 GHz. The span is set to 0 Hz, and the resolution bandwidth (Res BW) is 8 MHz. The scale is set to 10 dB. The interface includes various control panels for settings, a marker table, and a status bar at the bottom.</p> <table border="1" data-bbox="565 871 1096 997"> <thead> <tr> <th>Mode</th> <th>Trace</th> <th>Scale</th> <th>X</th> <th>Y</th> <th>Function</th> <th>Function Width</th> <th>Function Value</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value	1								2								3								4								5								6							
Mode	Trace	Scale	X	Y	Function	Function Width	Function Value																																																		
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5																																																									
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Graph:	 <p>This is an identical screenshot to the one above, showing the same Keysight Spectrum Analyzer interface with a flat spectrum at 2.412 GHz.</p>																																																								

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Appendix B: 6dB bandwidth Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.120	2406.920	2417.040	≥ 0.5	PASS
		2437	9.840	2431.920	2441.760	≥ 0.5	PASS
		2462	9.680	2457.400	2467.080	≥ 0.5	PASS
11G	Ant1	2412	16.640	2403.680	2420.320	≥ 0.5	PASS
		2437	16.560	2428.720	2445.280	≥ 0.5	PASS
		2462	16.600	2453.720	2470.320	≥ 0.5	PASS
11N20	Ant1	2412	17.840	2403.080	2420.920	≥ 0.5	PASS
		2437	17.840	2428.080	2445.920	≥ 0.5	PASS
		2462	17.840	2453.080	2470.920	≥ 0.5	PASS
11N40	Ant1	2422	36.480	2403.760	2440.240	≥ 0.5	PASS
		2437	36.480	2418.760	2455.240	≥ 0.5	PASS
		2452	36.480	2433.760	2470.240	≥ 0.5	PASS

Test Graphs





11G_Ant1_2412



11G_Ant1_2437



111G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



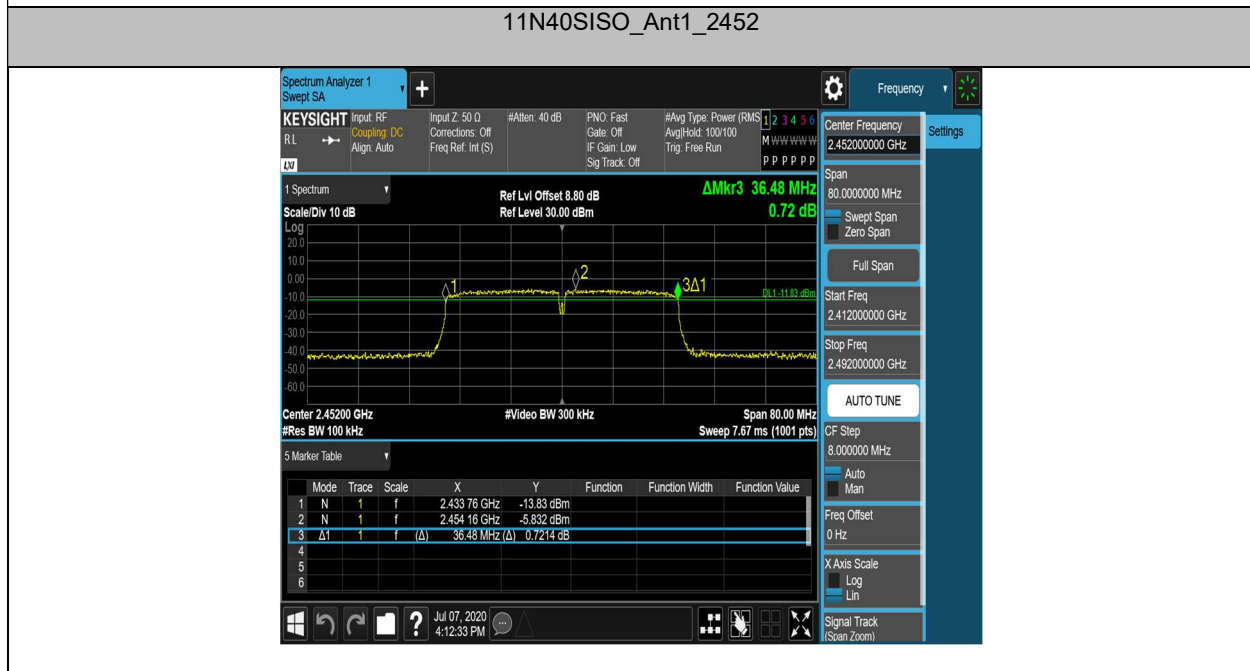
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



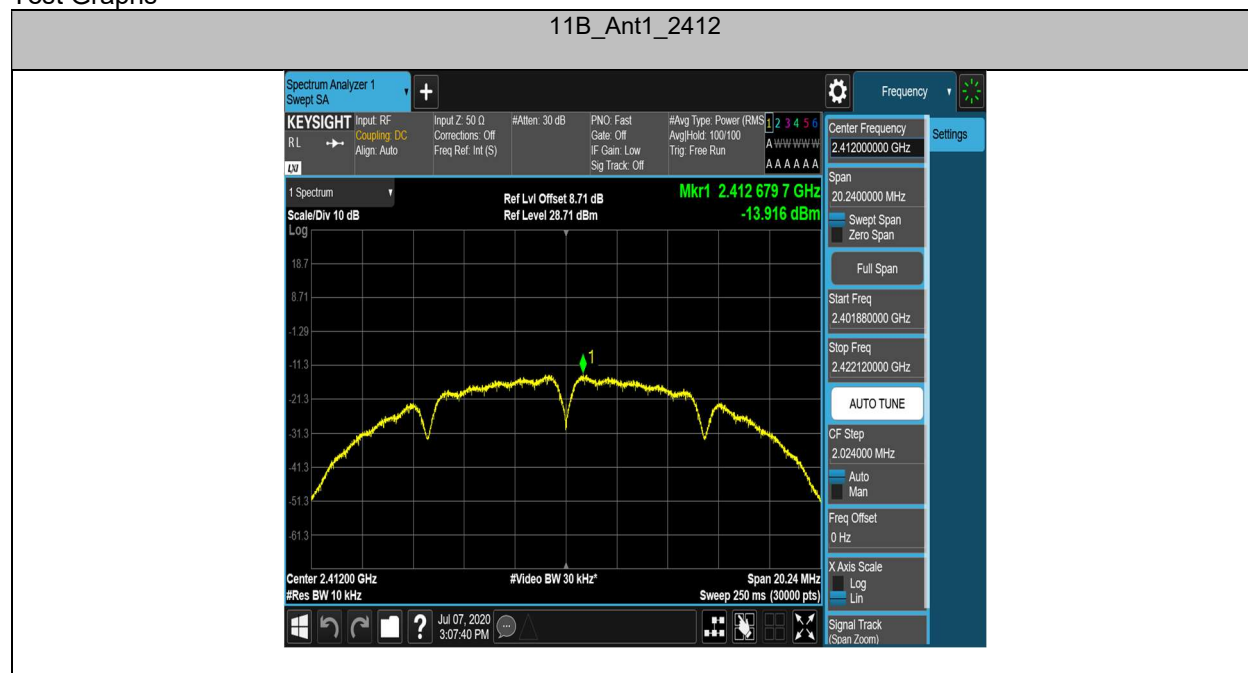
Appendix C: Conducted output power for DTS Test Result

Test Mode	Antenna	Channel	Conducted Power [dBm]	Conducted Limit [dBm]	Verdict
11B	Ant1	2412	12.72	<=30	PASS
		2437	13.06	<=30	PASS
		2462	13.08	<=30	PASS
11G	Ant1	2412	8.57	<=30	PASS
		2437	8.78	<=30	PASS
		2462	8.72	<=30	PASS
11N20SISO	Ant1	2412	6.61	<=30	PASS
		2437	6.73	<=30	PASS
		2462	6.67	<=30	PASS
11N40SISO	Ant1	2422	5.60	<=30	PASS
		2437	5.99	<=30	PASS
		2452	5.93	<=30	PASS

Appendix D: Power spectral density Test Result

Test Mode	Antenna	Channel	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
802.11b	Ant1	2412	-13.92	<=8	PASS
		2437	-13.66	<=8	PASS
		2462	-13.59	<=8	PASS
802.11g	Ant1	2412	-16.92	<=8	PASS
		2437	-16.62	<=8	PASS
		2462	-16.83	<=8	PASS
802.11n(HT20)	Ant1	2412	-22.27	<=8	PASS
		2437	-21.94	<=8	PASS
		2462	-22.27	<=8	PASS
802.11n(HT40)	Ant1	2422	-22.99	<=8	PASS
		2437	-17.05	<=8	PASS
		2452	-17.11	<=8	PASS

Test Graphs



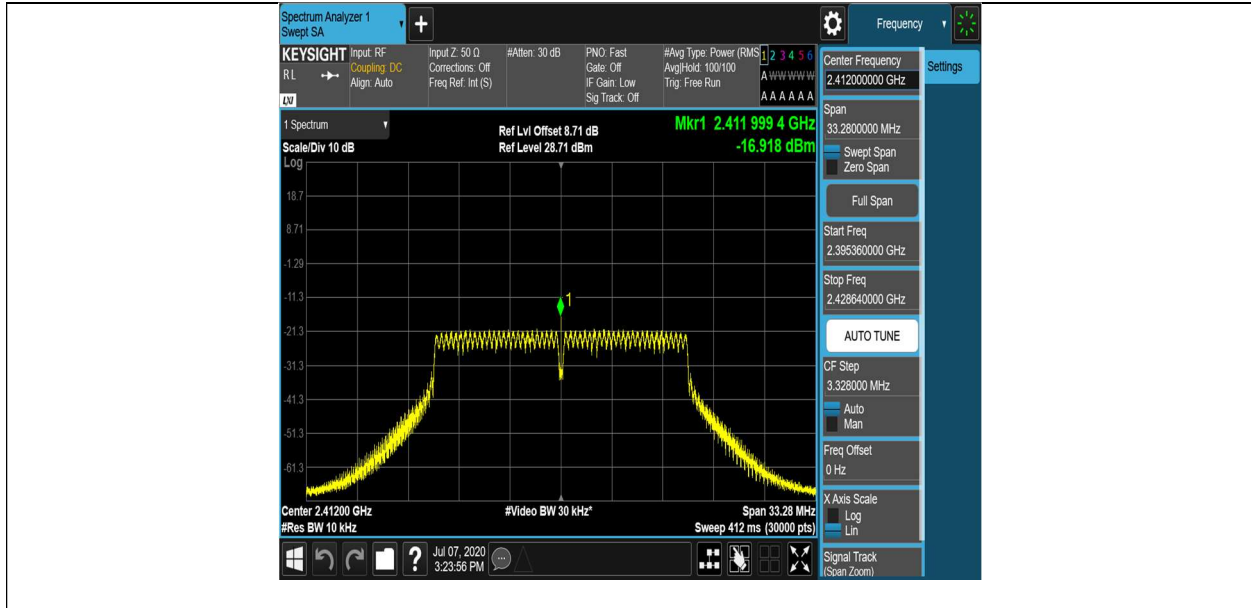
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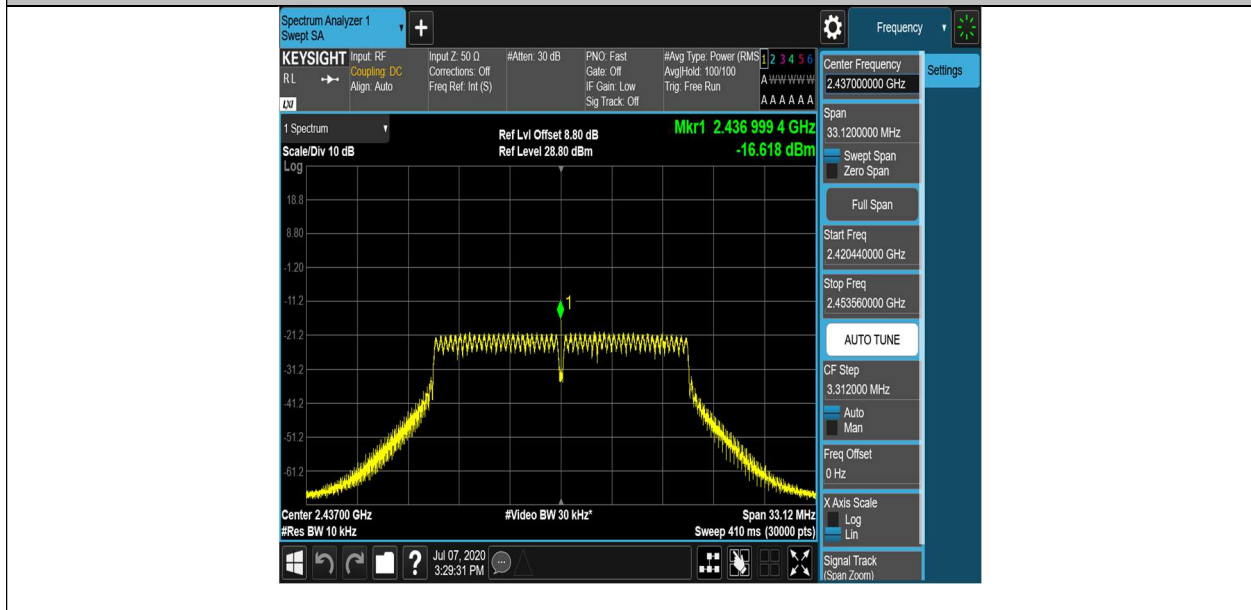
11B_Ant1_2462



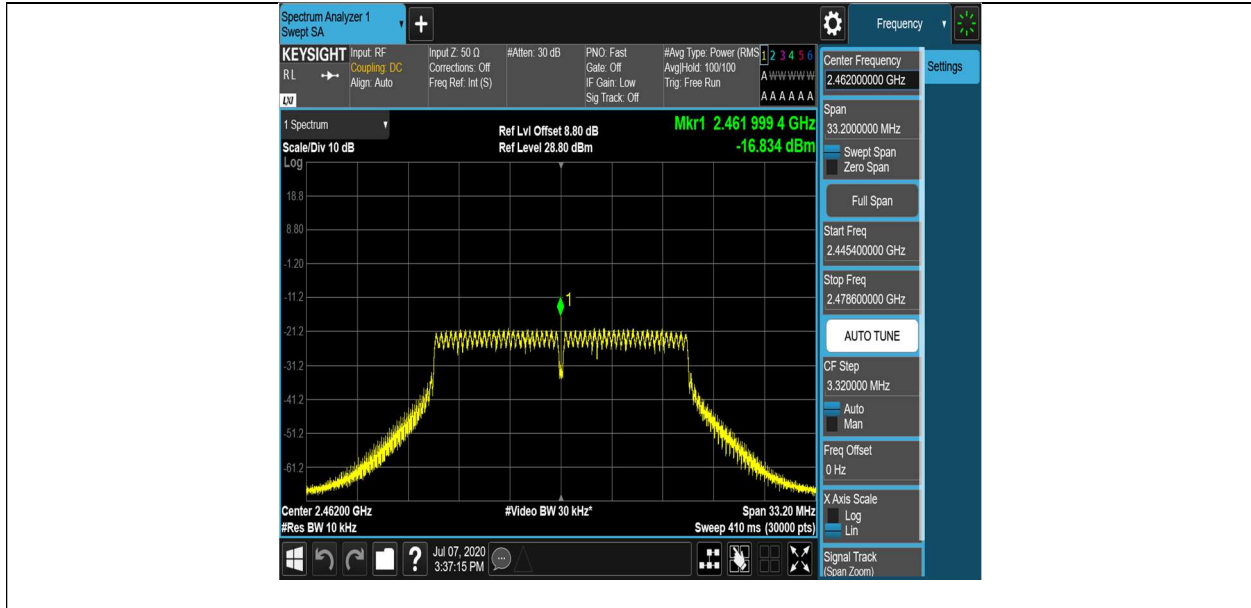
11G_Ant1_2412



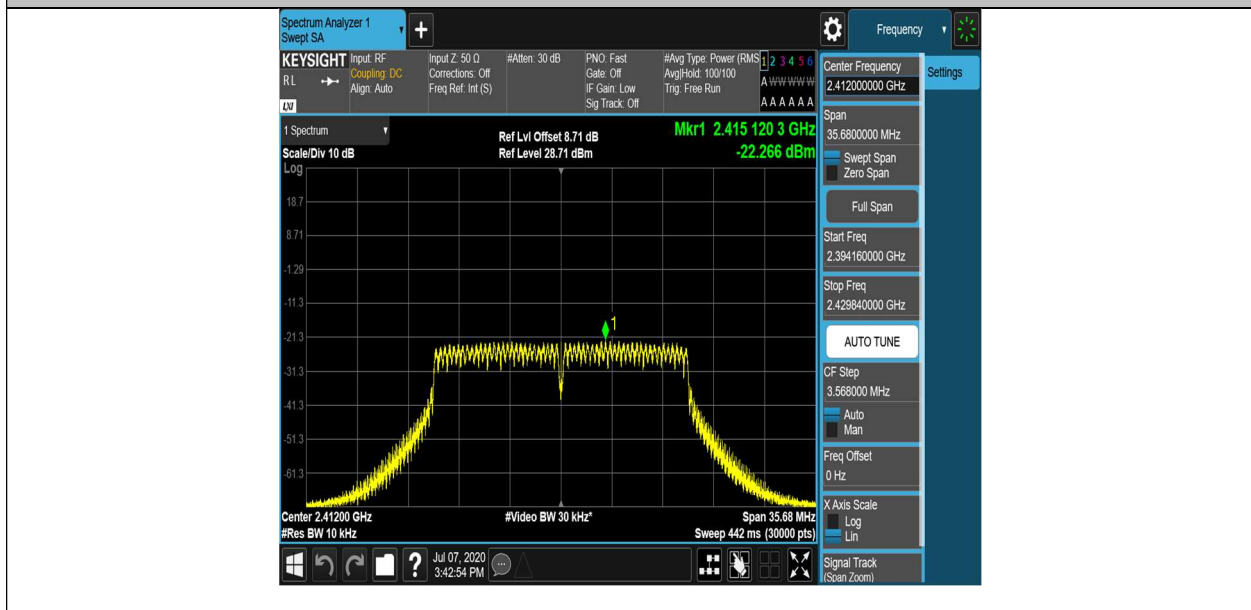
11G_Ant1_2437



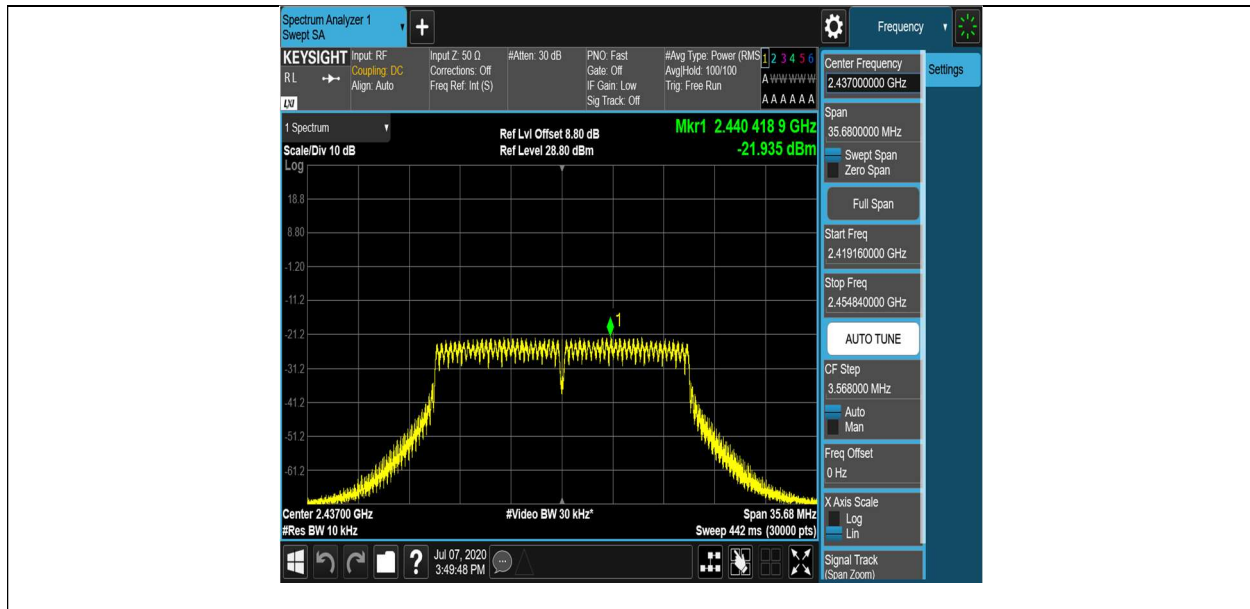
11G_Ant1_2462



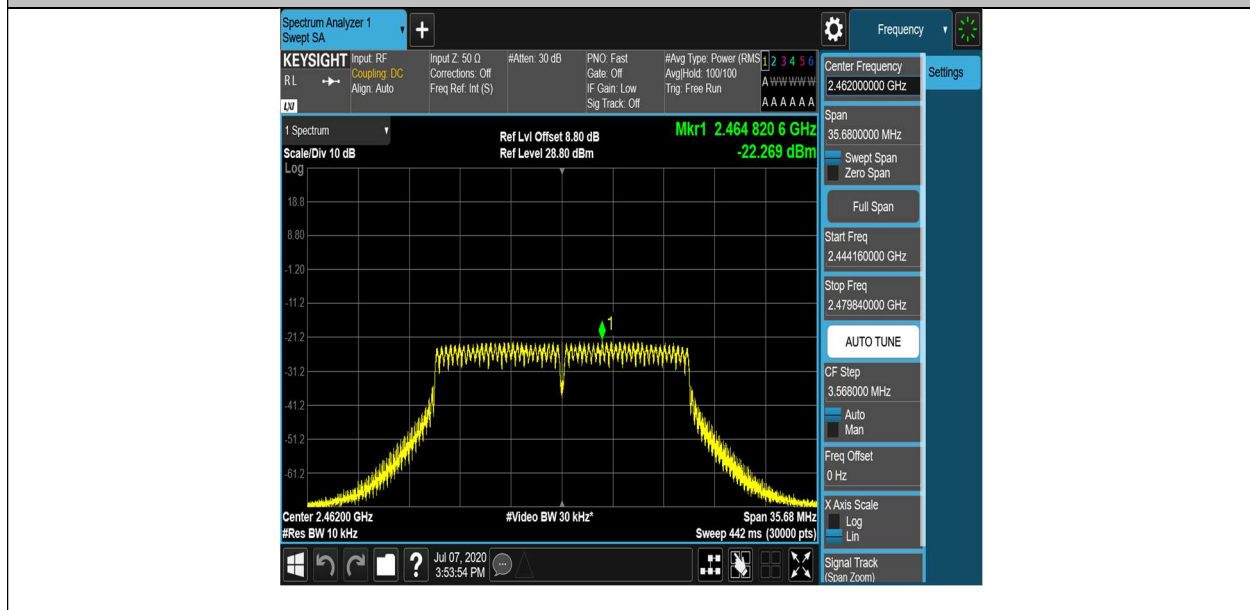
11N20SISO_Ant1_2412



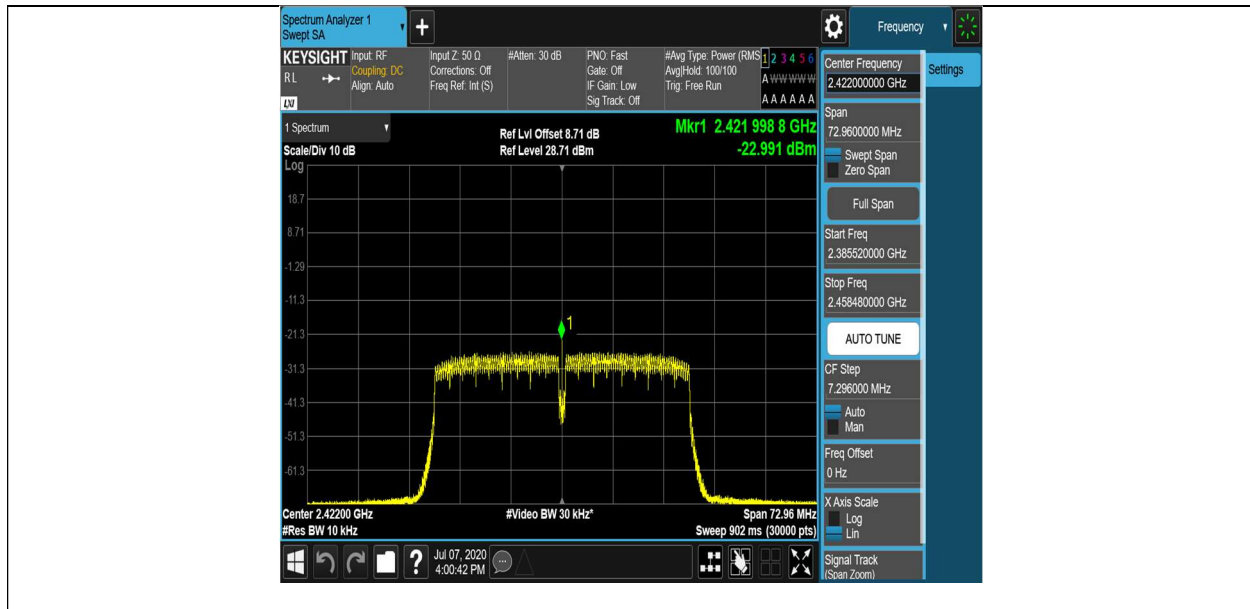
11N20SISO_Ant1_2437



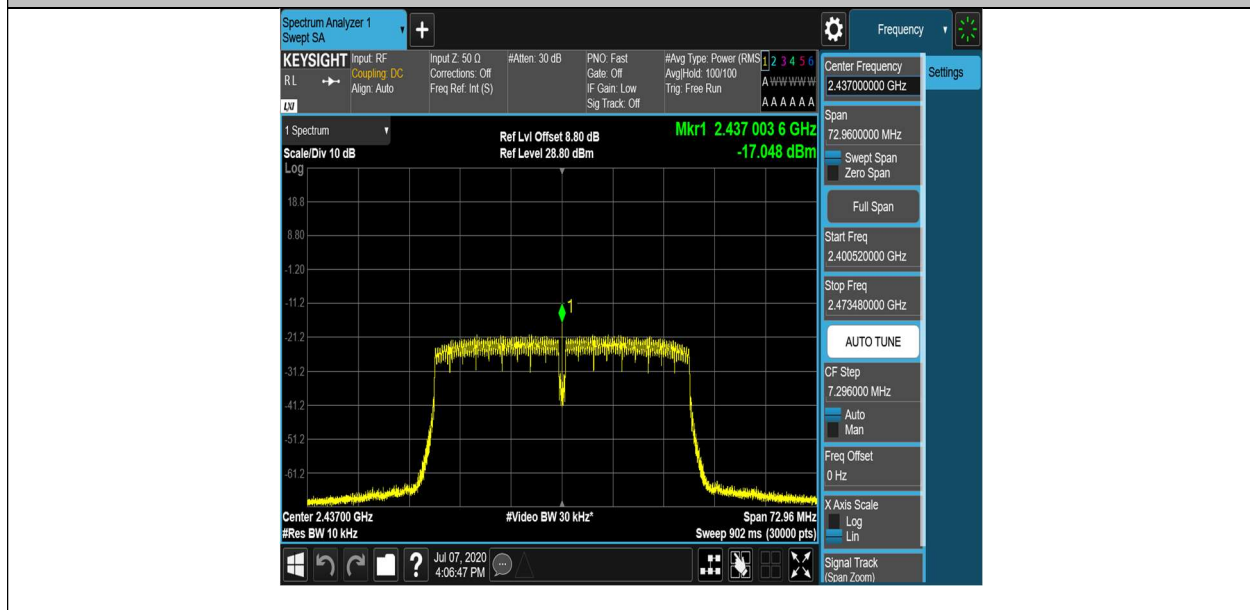
11N20SISO_Ant1_2462



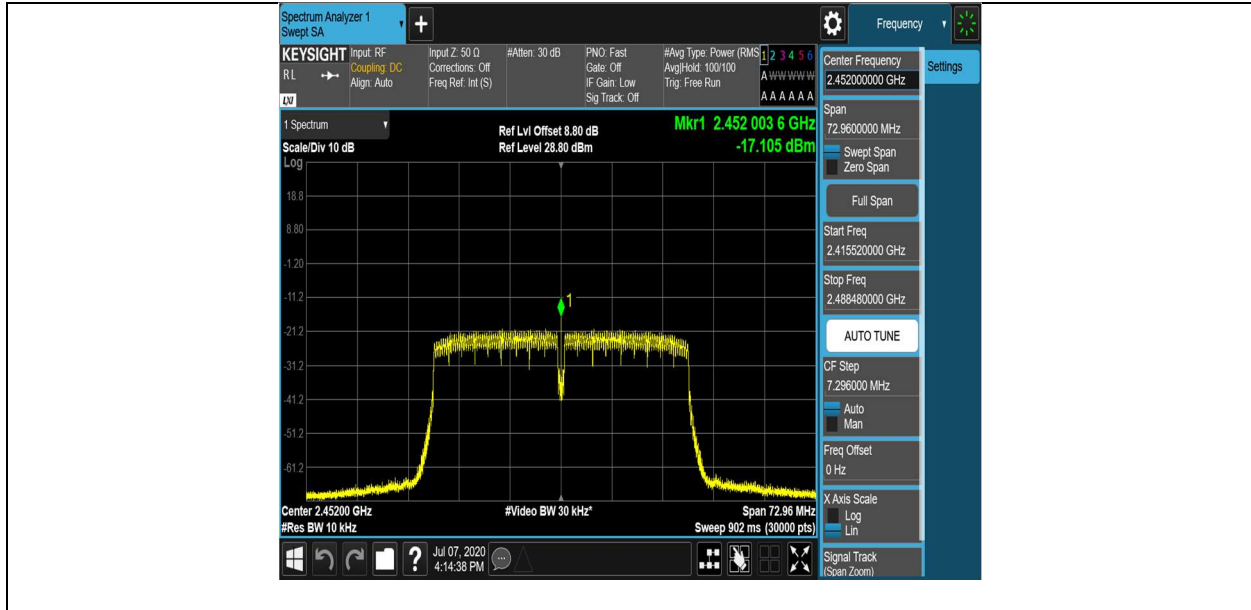
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



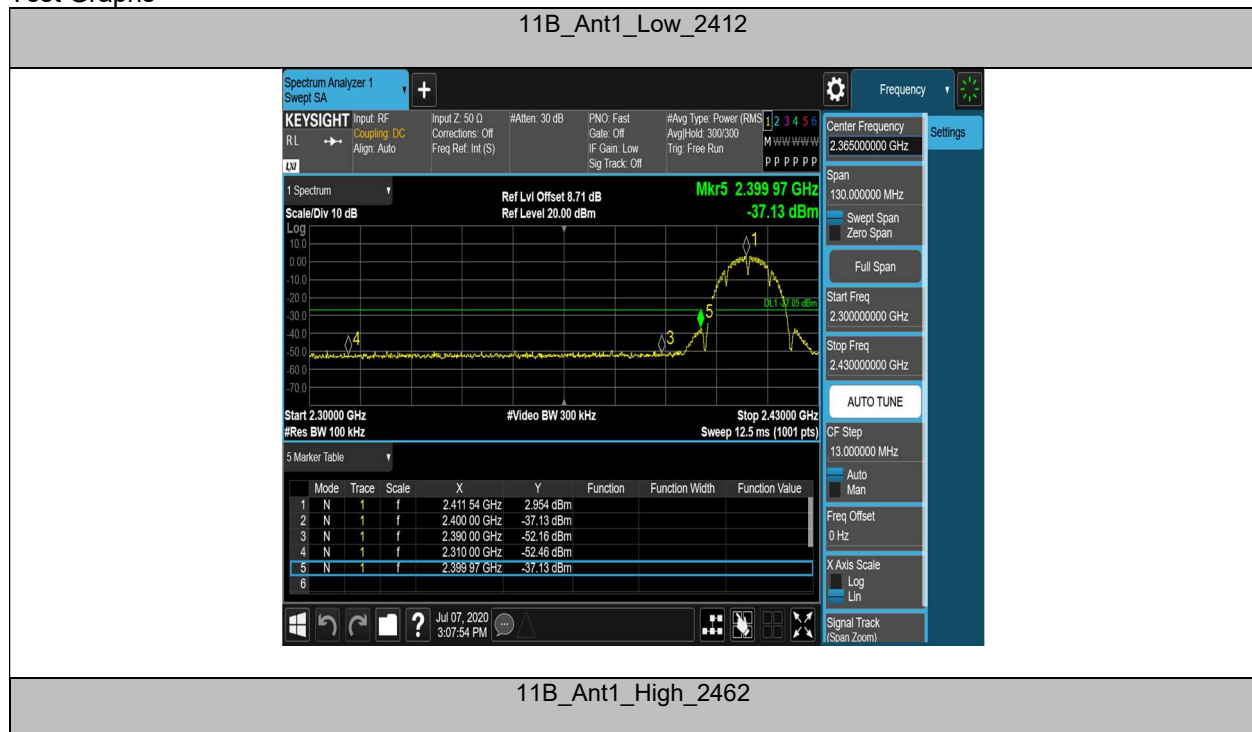
11N40SISO_Ant1_2452



Appendix E: Band edge Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
802.11b	Ant1	Low	2412	2.95	-37.13	<=-27.05	PASS
		High	2462	3.26	-49.76	<=-26.74	PASS
802.11g	Ant1	Low	2412	-5.74	-38.57	<=-35.74	PASS
		High	2462	-5.54	-48.4	<=-35.54	PASS
802.11n(HT20)	Ant1	Low	2412	-7.33	-40.51	<=-37.33	PASS
		High	2462	-7.50	-49.28	<=-37.5	PASS
802.11n(HT40)	Ant1	Low	2422	-11.63	-49.49	<=-41.63	PASS
		High	2452	-11.08	-49.22	<=-41.08	PASS

Test Graphs

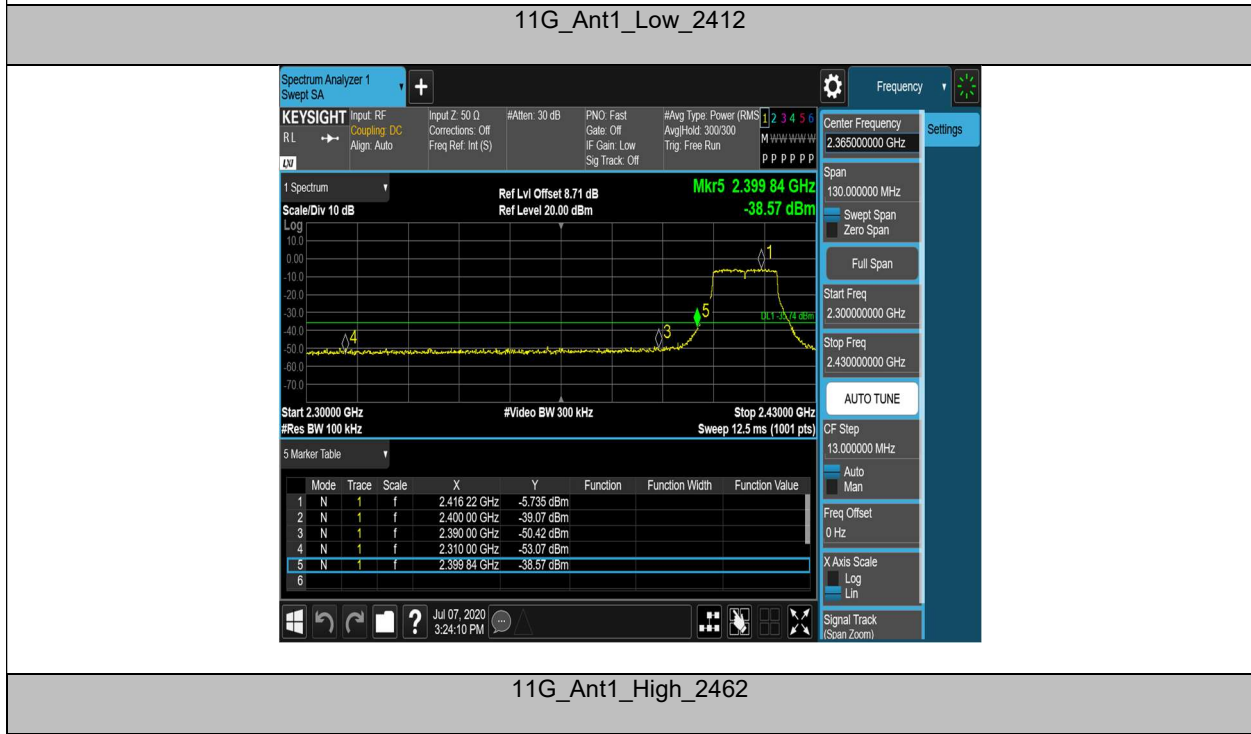


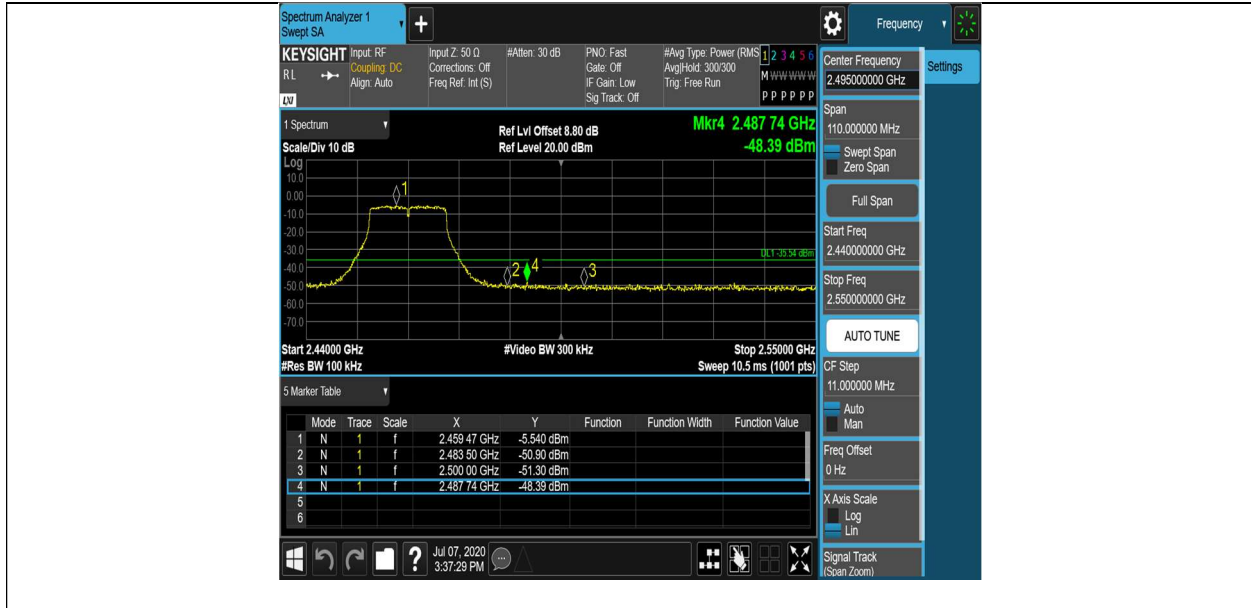
Test Report No.: EFGX20030111-IE-01-E01

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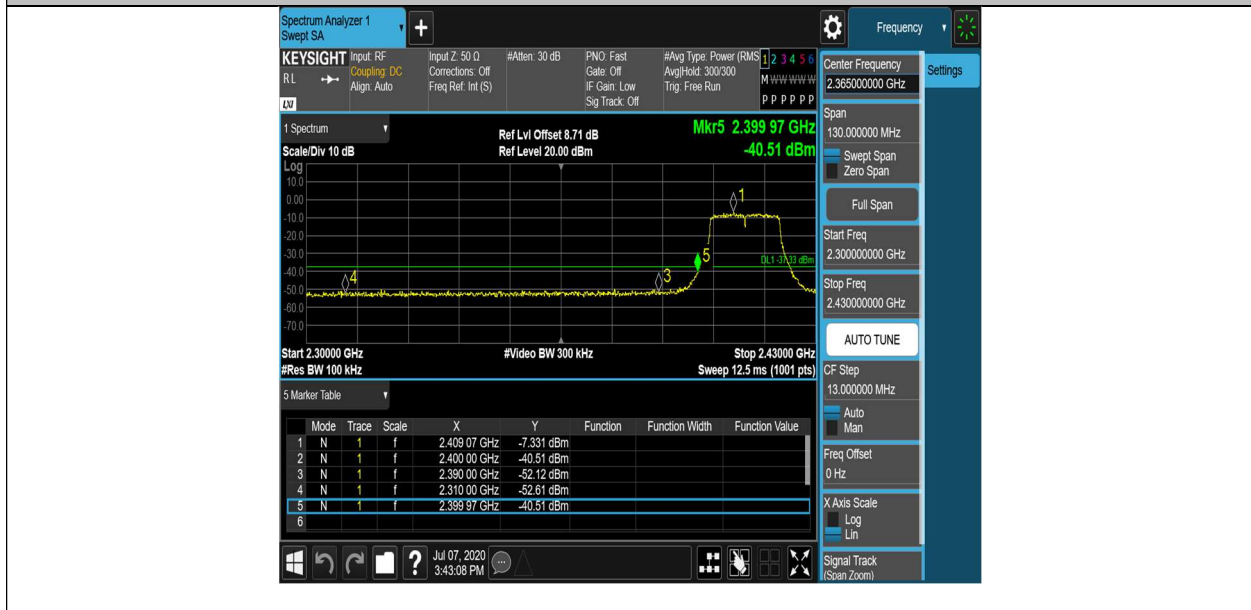
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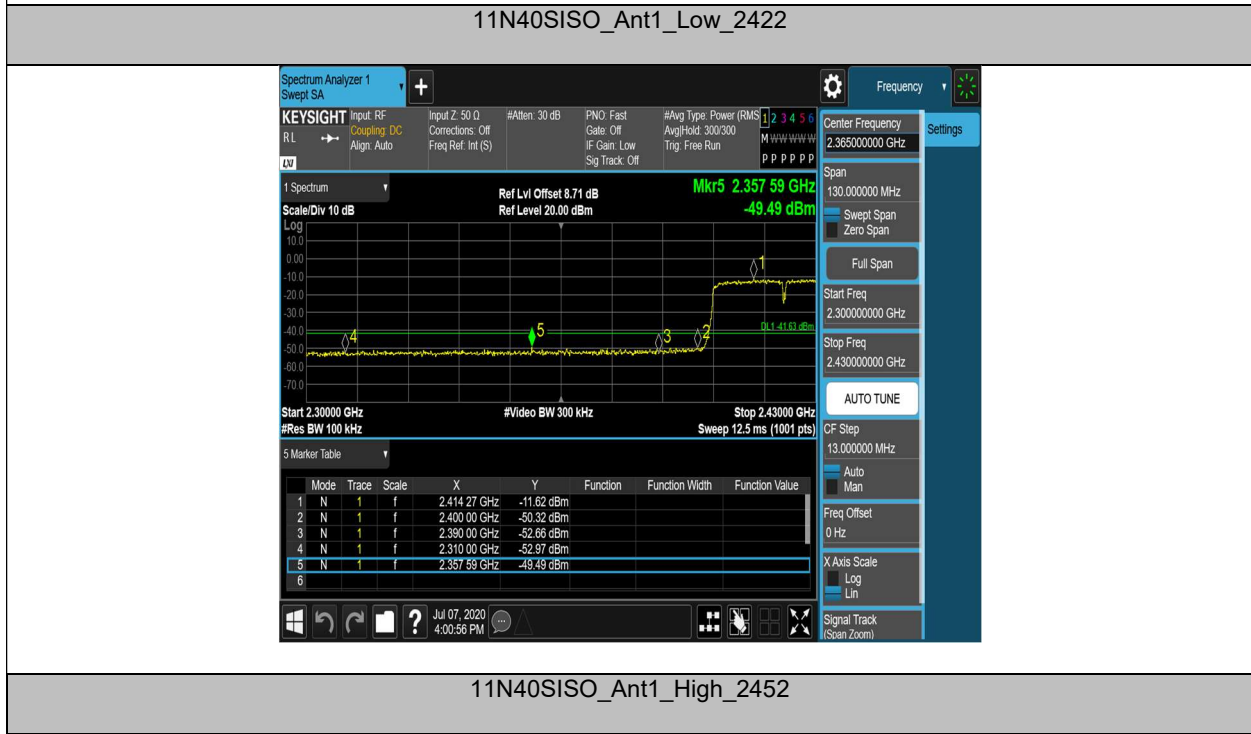
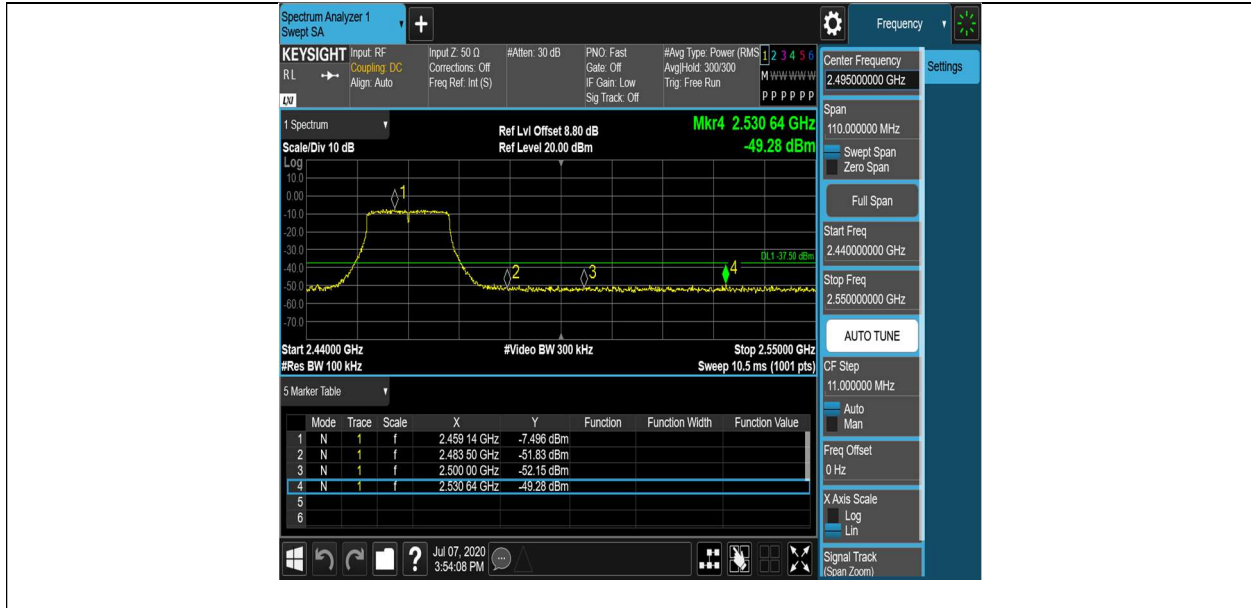


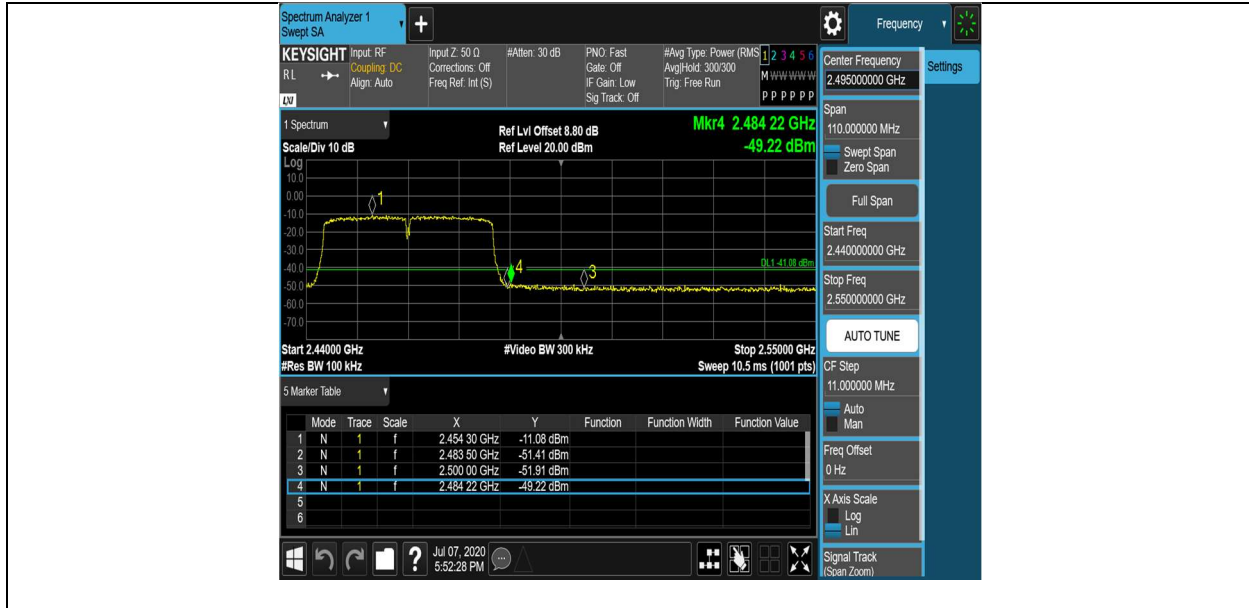


11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462





Appendix F: Emissions in Restricted Bands Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-48.51	<=-41.20	PASS
				AV	2390.000	-47.98	<=-41.20	PASS
				Peak	2310.000	-44.68	<=-21.20	PASS
				Peak	2390.000	-43.47	<=-21.20	PASS
		High	2462	AV	2483.500	-47.43	<=-41.20	PASS
				AV	2500.000	-47.59	<=-41.20	PASS
				Peak	2483.500	-41.58	<=-21.20	PASS
				Peak	2500.000	-44.23	<=-21.20	PASS
11G	Ant1	Low	2412	AV	2310.000	-48.27	<=-41.20	PASS
				AV	2390.000	-46.56	<=-41.20	PASS
				Peak	2310.000	-43.84	<=-21.20	PASS
				Peak	2390.000	-41.77	<=-21.20	PASS
		High	2462	AV	2483.500	-46.28	<=-41.20	PASS
				AV	2500.000	-47.02	<=-41.20	PASS
				Peak	2483.500	-42.75	<=-21.20	PASS
				Peak	2500.000	-42.14	<=-21.20	PASS
11N20SIS O	Ant1	Low	2412	AV	2310.000	-48.74	<=-41.20	PASS
				AV	2390.000	-47.81	<=-41.20	PASS
				Peak	2310.000	-44.26	<=-21.20	PASS
				Peak	2390.000	-42.59	<=-21.20	PASS
		High	2462	AV	2483.500	-47.66	<=-41.20	PASS
				AV	2500.000	-47.98	<=-41.20	PASS
				Peak	2483.500	-42.84	<=-21.20	PASS
				Peak	2500.000	-44.14	<=-21.20	PASS

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11N40SIS O	Ant1	Low	2422	AV	2310.000	-49.08	<=-41.20	PASS
				AV	2390.000	-47.91	<=-41.20	PASS
				Peak	2310.000	-44.76	<=-21.20	PASS
				Peak	2390.000	-43.22	<=-21.20	PASS
		High	2452	AV	2483.500	-45.85	<=-41.20	PASS
				AV	2500.000	-47.61	<=-41.20	PASS
				Peak	2483.500	-41.08	<=-21.20	PASS
				Peak	2500.000	-46.88	<=-21.20	PASS

Note:

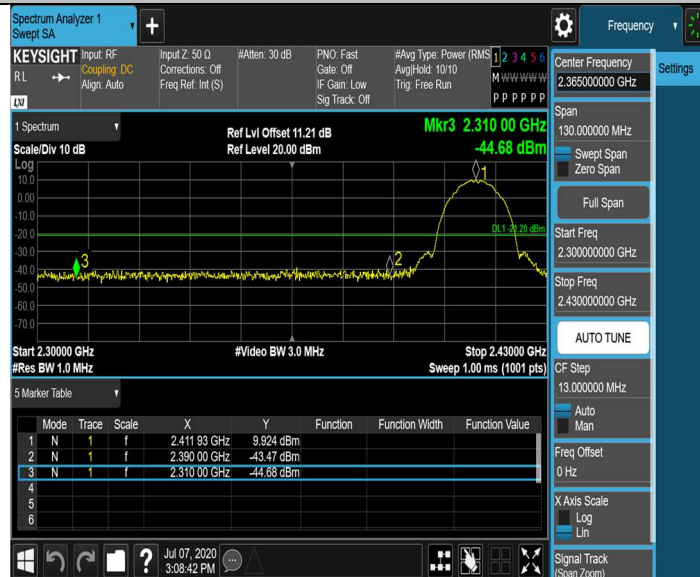
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

11B_Ant1_Low_2412_AV



11B_Ant1_Low_2412_Peak



11B_Ant1_High_2462_AV

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