

Appendix A: Duty cycle Test Result

TestMode	Channel	Duty Cycle [%]
11B	2412	88.82
	2437	88.87
	2462	88.82
11G	2412	86.65
	2437	86.78
	2462	86.78
11N20SISO	2412	86.00
	2437	85.83
	2462	86.14



Test Report No.: EFGX20110116-IE-01-E02

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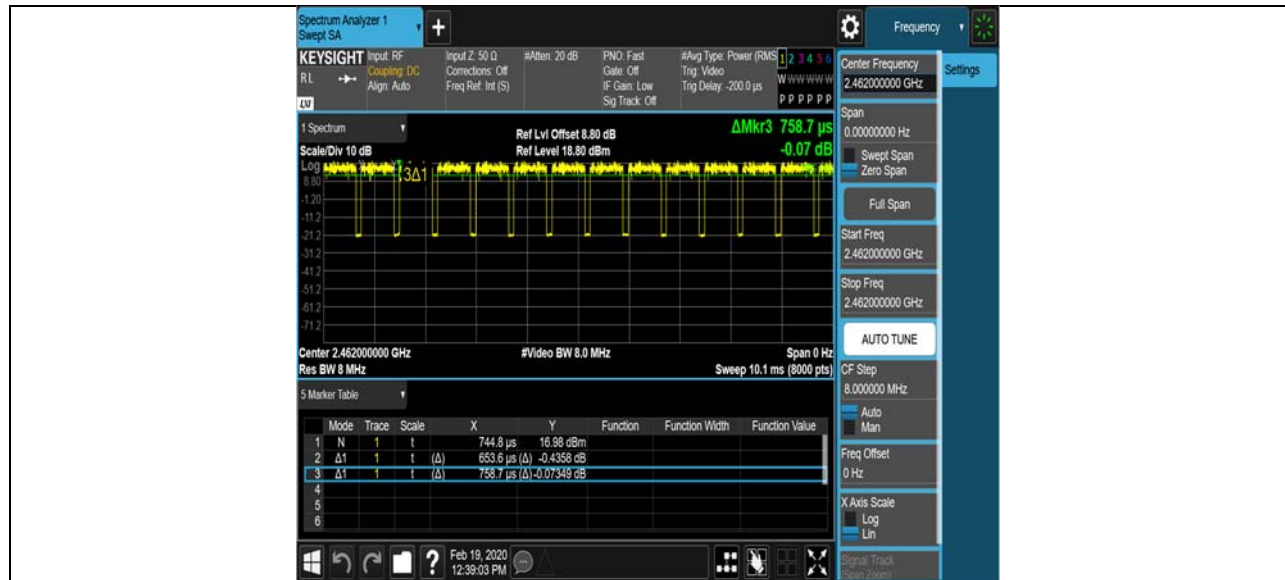


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Appendix B: 6dB bandwidth Test Result

TestMode	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	2412	8.680	2407.440	2416.120	≥ 0.5	PASS
	2437	8.640	2432.920	2441.560	≥ 0.5	PASS
	2462	8.120	2457.920	2466.040	≥ 0.5	PASS
11G	2412	15.120	2404.400	2419.520	≥ 0.5	PASS
	2437	15.160	2429.440	2444.600	≥ 0.5	PASS
	2462	15.240	2454.360	2469.600	≥ 0.5	PASS
11N20SISO	2412	15.000	2404.560	2419.560	≥ 0.5	PASS
	2437	15.000	2429.560	2444.560	≥ 0.5	PASS
	2462	15.120	2454.440	2469.560	≥ 0.5	PASS



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Appendix C: 99% Occupied bandwidth Test Result

TestMode	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	2412	11.210	2406.418	2417.628	---	PASS
	2437	11.078	2431.457	2442.535	---	PASS
	2462	11.128	2456.420	2467.548	---	PASS
11G	2412	16.228	2403.885	2420.113	---	PASS
	2437	16.227	2428.896	2445.123	---	PASS
	2462	16.227	2453.889	2470.116	---	PASS
11N20SISO	2412	16.899	2403.534	2420.433	---	PASS
	2437	16.854	2428.564	2445.418	---	PASS
	2462	16.908	2453.550	2470.458	---	PASS



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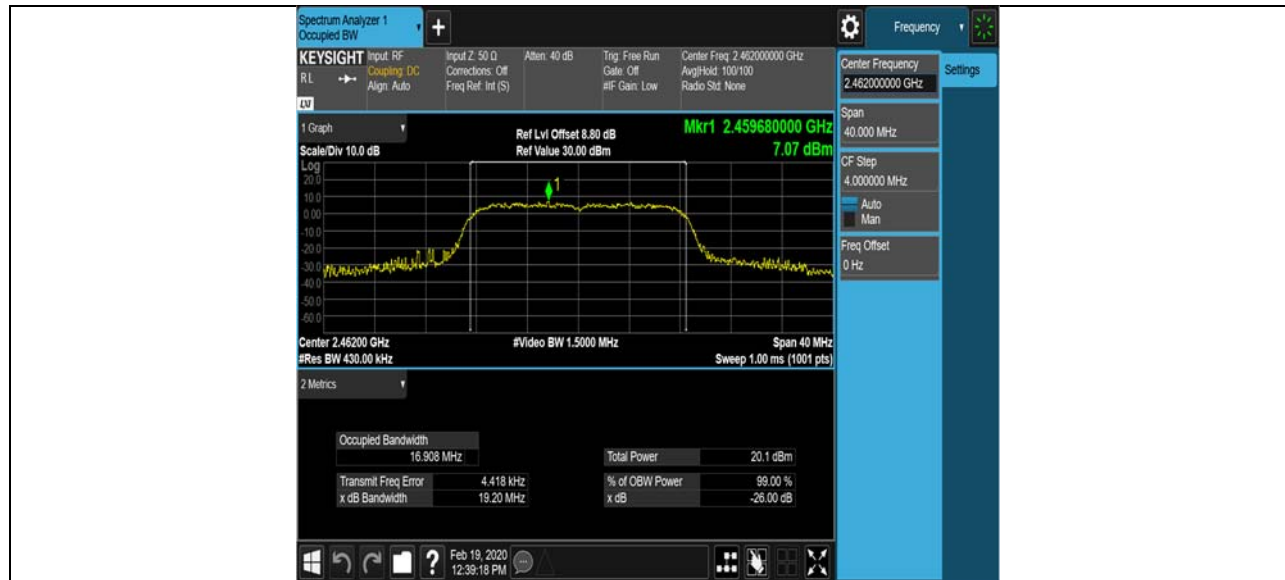
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Appendix D: Conducted output power for DTS Test Result

TestMode	Channel	Power [dBm]	Antenna Gain[dBm]	e.i.r.p Result[dBm]	Limit[dBm]	Verdict
11B	2412	14.64	1.5	16.14	<=30	PASS
	2437	14.32	1.5	15.82	<=30	PASS
	2462	14.34	1.5	15.84	<=30	PASS
11G	2412	14.18	1.5	15.68	<=30	PASS
	2437	14.22	1.5	15.72	<=30	PASS
	2462	13.87	1.5	15.37	<=30	PASS
11N20SISO	2412	13.33	1.5	14.83	<=30	PASS
	2437	12.79	1.5	14.29	<=30	PASS
	2462	12.45	1.5	13.95	<=30	PASS

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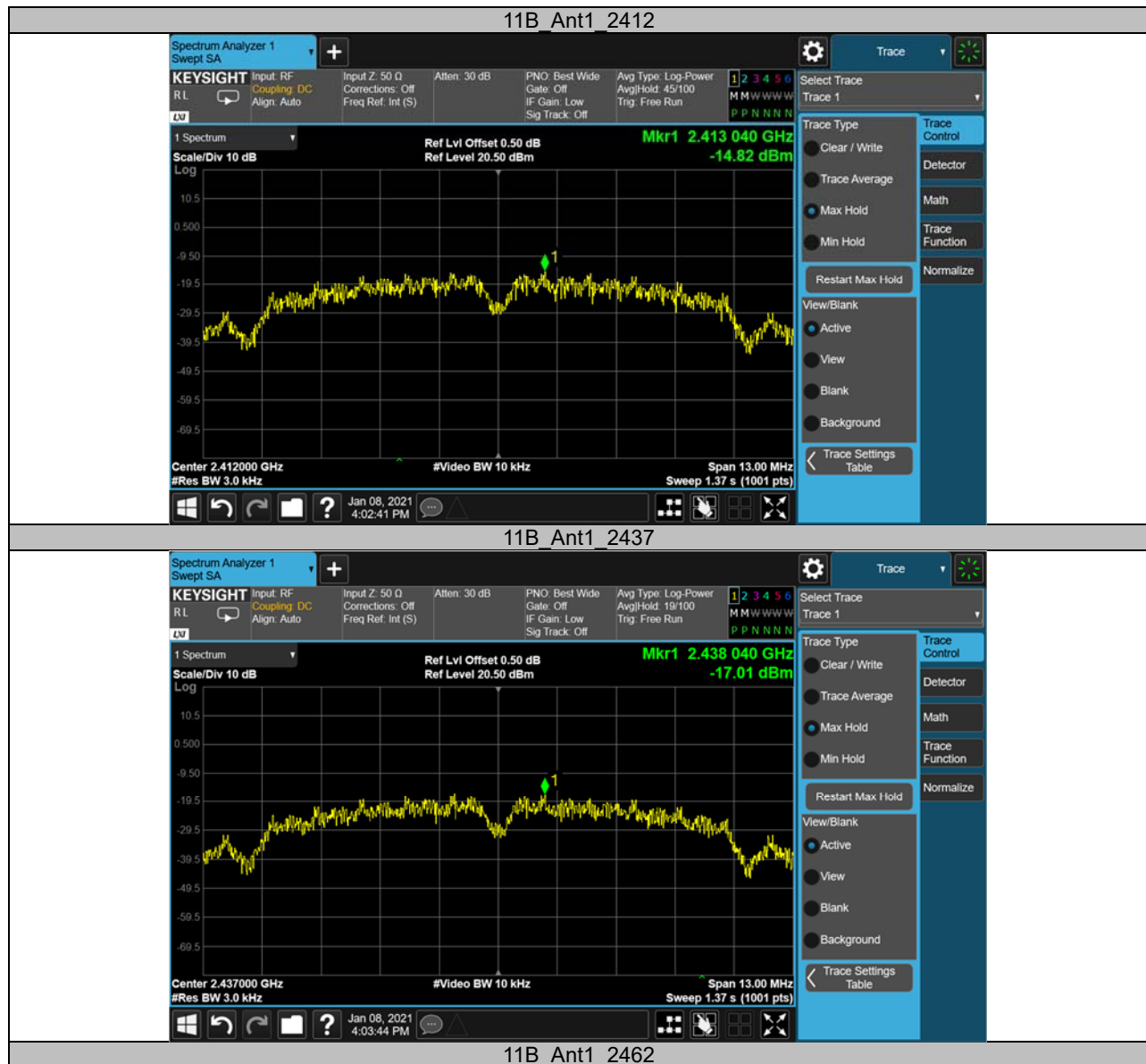
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Appendix E: Power spectral density Test Result

TestMode	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	-14.82	<=8	PASS
	2437	-17.01	<=8	PASS
	2462	-19.05	<=8	PASS
11G	2412	-19.41	<=8	PASS
	2437	-21.65	<=8	PASS
	2462	-23.67	<=8	PASS
11N20SISO	2412	-19.62	<=8	PASS
	2437	-21.47	<=8	PASS
	2462	-23.66	<=8	PASS

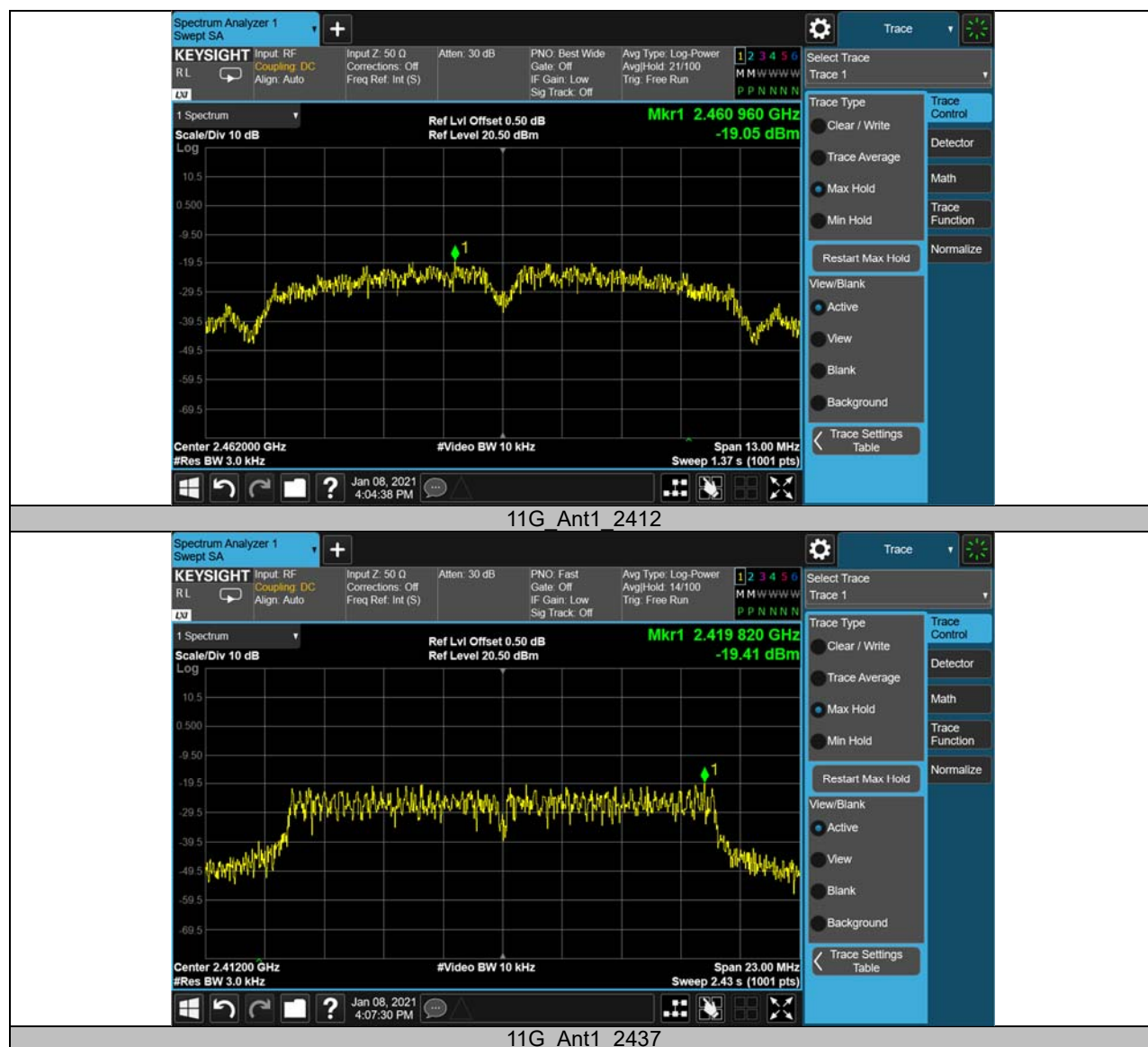


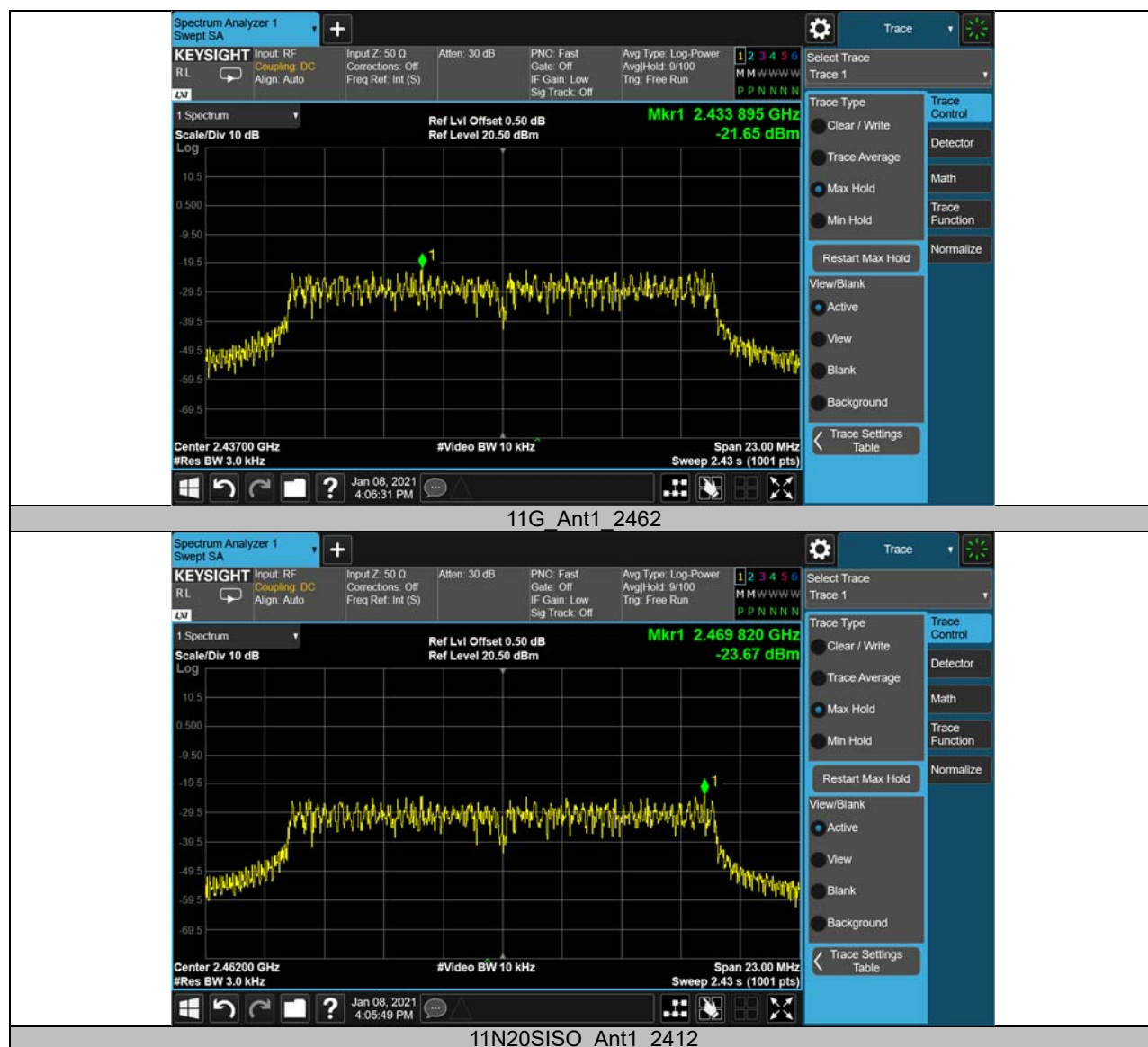
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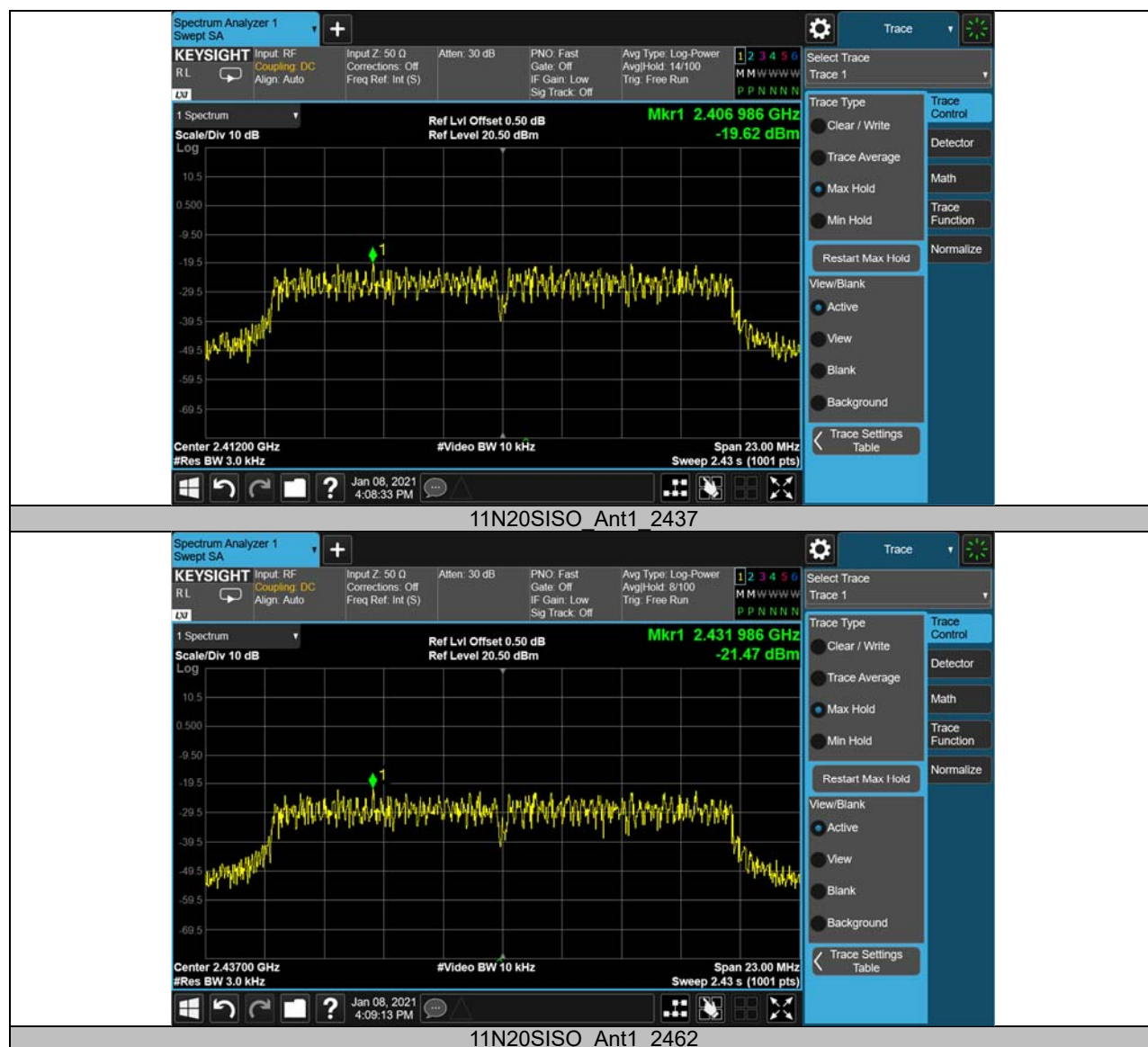
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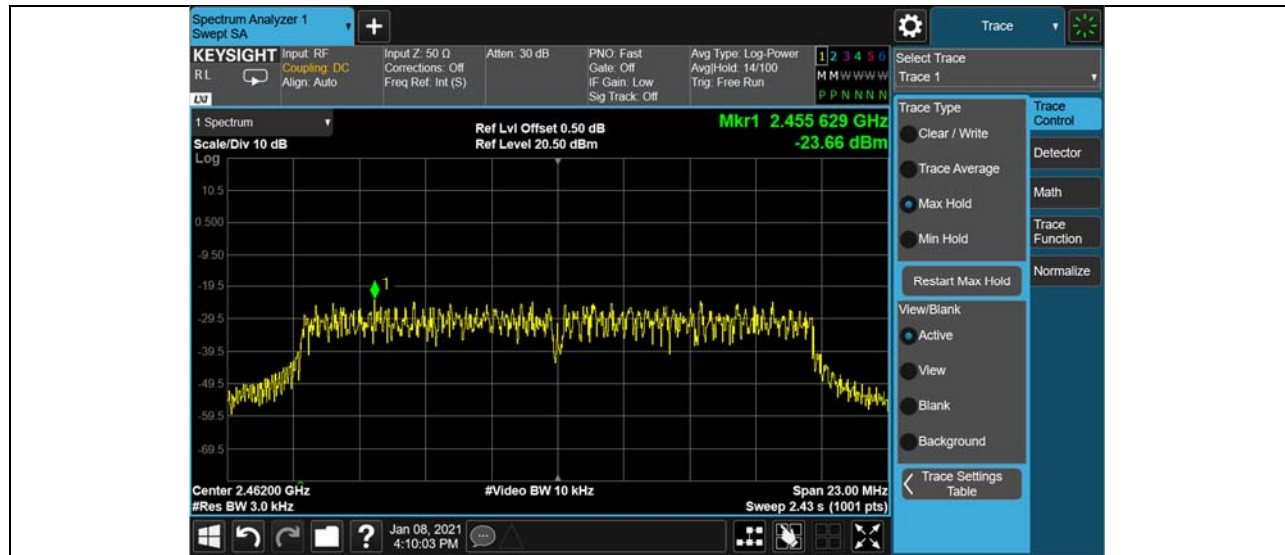
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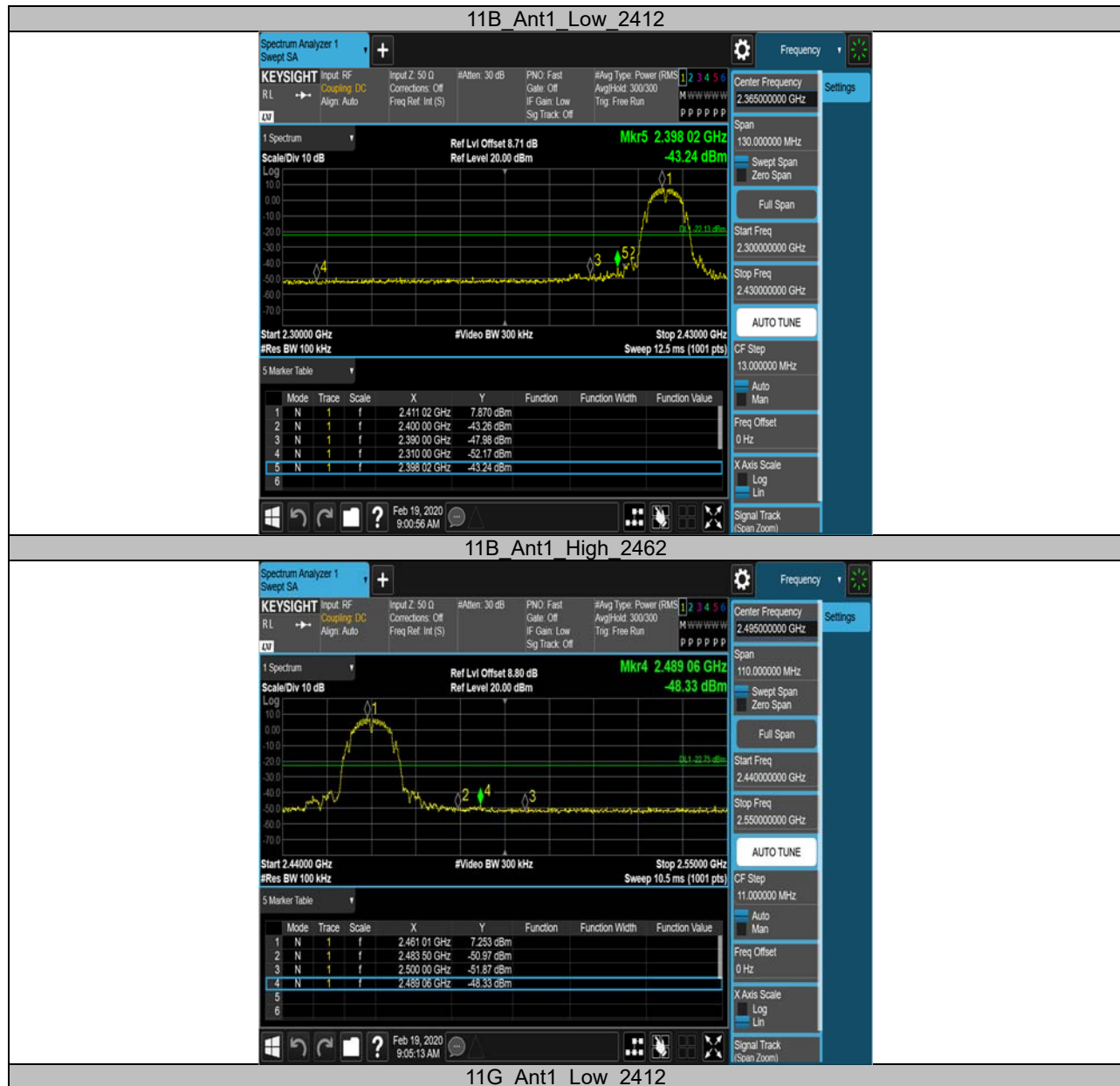






Appendix F: Band edge Test Result

TestMode	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Low	2412	7.87	-43.24	<=-22.13	PASS
	High	2462	7.25	-48.33	<=-22.75	PASS
11G	Low	2412	5.09	-27.57	<=-24.91	PASS
	High	2462	4.31	-40.2	<=-25.7	PASS
11N20SISO	Low	2412	4.02	-31.63	<=-25.98	PASS
	High	2462	3.12	-44.38	<=-26.88	PASS



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Appendix G: Spurious RF conducted emissions Test Result

TestMode	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	2412	Reference	-2.32	-2.32	---	PASS
		30~1000	30~1000	-61.563	<=-22.324	PASS
		1000~26500	1000~26500	-53.932	<=-22.324	PASS
	2437	Reference	-6.22	-6.22	---	PASS
		30~1000	30~1000	-62.021	<=-26.224	PASS
		1000~26500	1000~26500	-53.941	<=-26.224	PASS
	2462	Reference	-5.41	-5.41	---	PASS
		30~1000	30~1000	-62.139	<=-25.412	PASS
		1000~26500	1000~26500	-53.595	<=-25.412	PASS
11G	2412	Reference	-5.49	-5.49	---	PASS
		30~1000	30~1000	-62.293	<=-25.487	PASS
		1000~26500	1000~26500	-53.167	<=-25.487	PASS
	2437	Reference	-8.93	-8.93	---	PASS
		30~1000	30~1000	-61.256	<=-28.928	PASS
		1000~26500	1000~26500	-54.078	<=-28.928	PASS
	2462	Reference	-8.45	-8.45	---	PASS
		30~1000	30~1000	-62.095	<=-28.447	PASS
		1000~26500	1000~26500	-53.683	<=-28.447	PASS
11N20SISO	2412	Reference	-5.47	-5.47	---	PASS
		30~1000	30~1000	-62.656	<=-25.473	PASS
		1000~26500	1000~26500	-54.299	<=-25.473	PASS
	2437	Reference	3.63	3.63	---	PASS
		30~1000	30~1000	-61.676	<=-16.368	PASS
		1000~26500	1000~26500	-53.362	<=-16.368	PASS
	2462	Reference	-8.36	-8.36	---	PASS
		30~1000	30~1000	-62.432	<=-28.355	PASS
		1000~26500	1000~26500	-53.781	<=-28.355	PASS

Test Report No.: EFGX20110116-IE-01-E02

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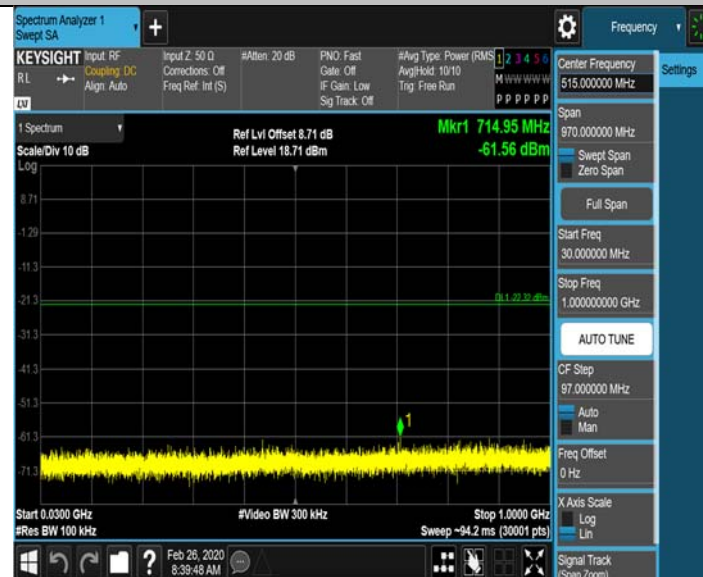
1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.

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11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



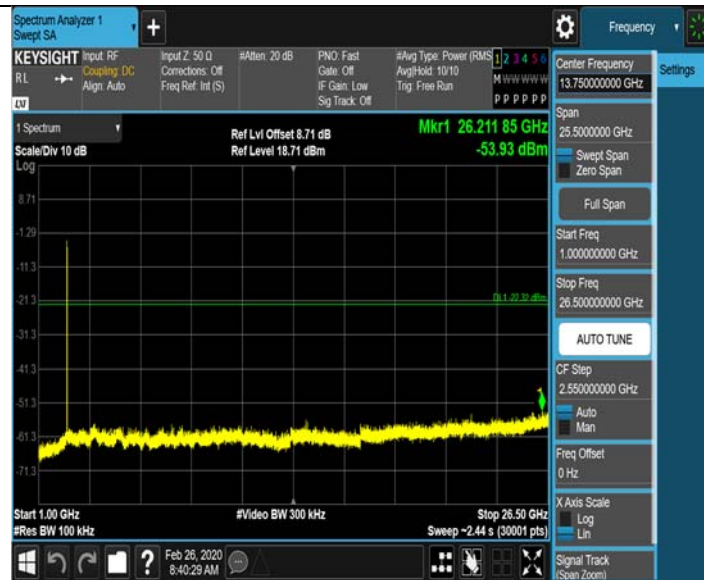
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Test Report No.: EFGX20110116-IE-01-E02

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11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000

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11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference

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11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500

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11G_Ant1_2412_0~Reference



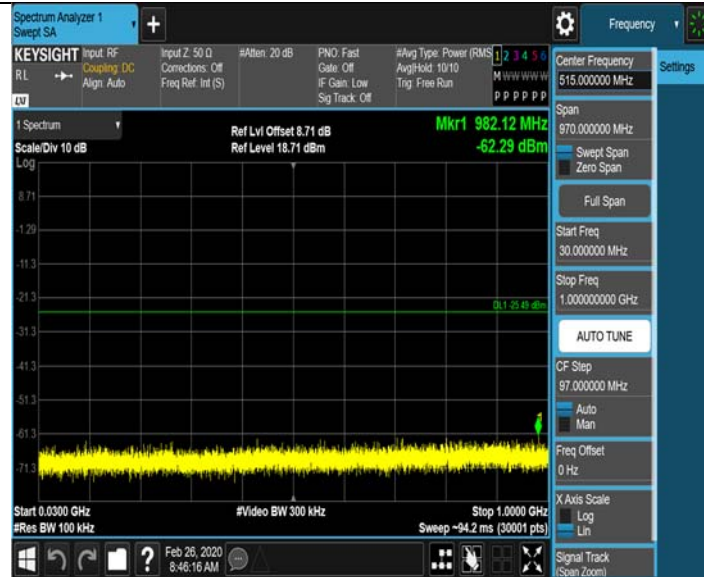
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Test Report No.: EFGX20110116-IE-01-E02

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11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference

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11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500

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11G_Ant1_2462_0~Reference



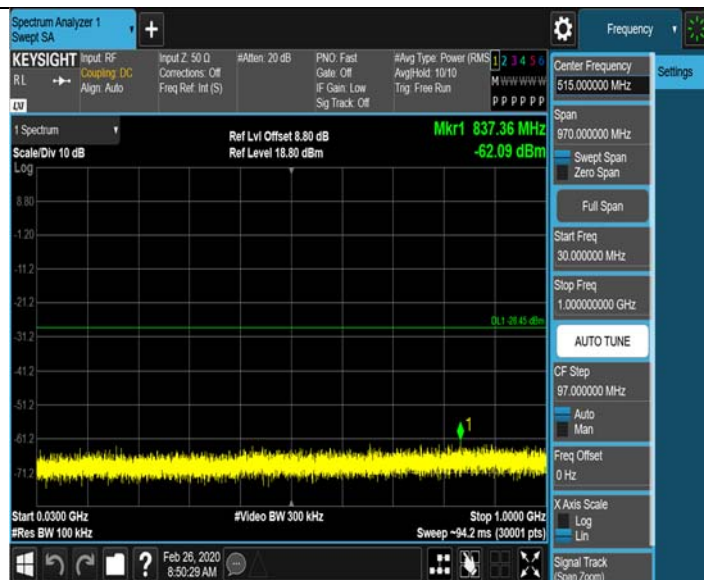
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11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference

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11N20SISO_Ant1_2412_30~1000



11N20SISO_Ant1_2412_1000~26500

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11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000

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11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference

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11N20SISO_Ant1_2462_30~1000



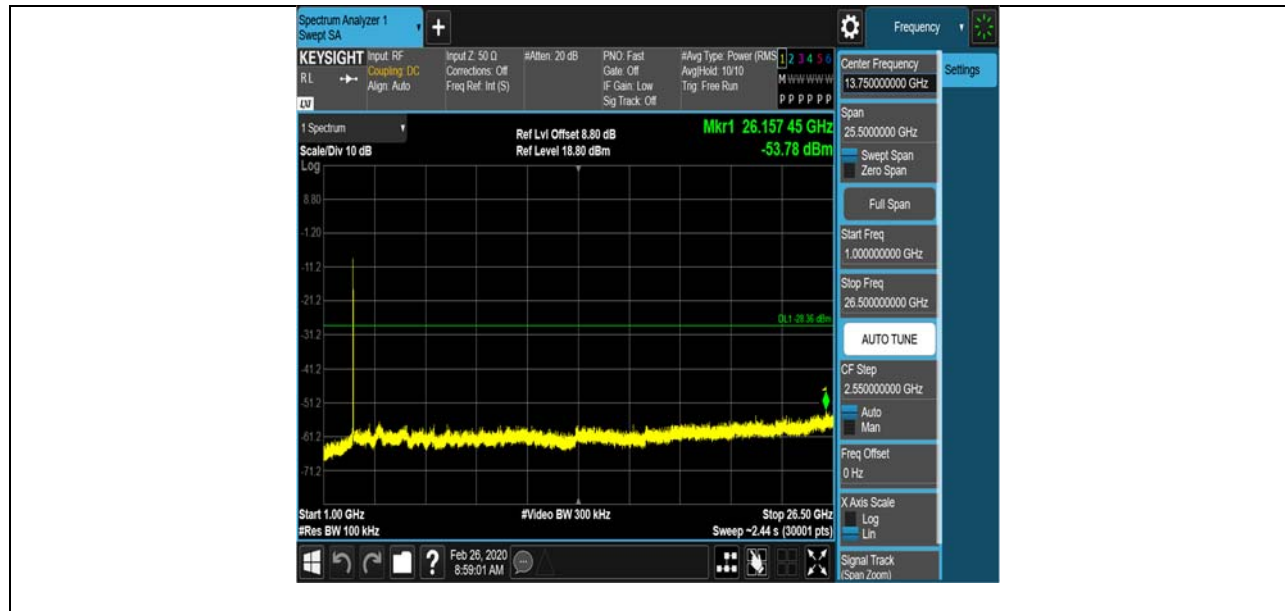
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Appendix I: Frequency Stability

TestMode	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	2412	11.210	2406.418	2417.628	±80% of Permitted operating frequency	PASS
	2437	11.078	2431.457	2442.535		PASS
	2462	11.128	2456.420	2467.548		PASS
11G	2412	16.228	2403.885	2420.113		PASS
	2437	16.227	2428.896	2445.123		PASS
	2462	16.227	2453.889	2470.116		PASS
11N20SISO	2412	16.899	2403.534	2420.433		PASS
	2437	16.854	2428.564	2445.418		PASS
	2462	16.908	2453.550	2470.458		PASS



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