

Appendix B: Test Results

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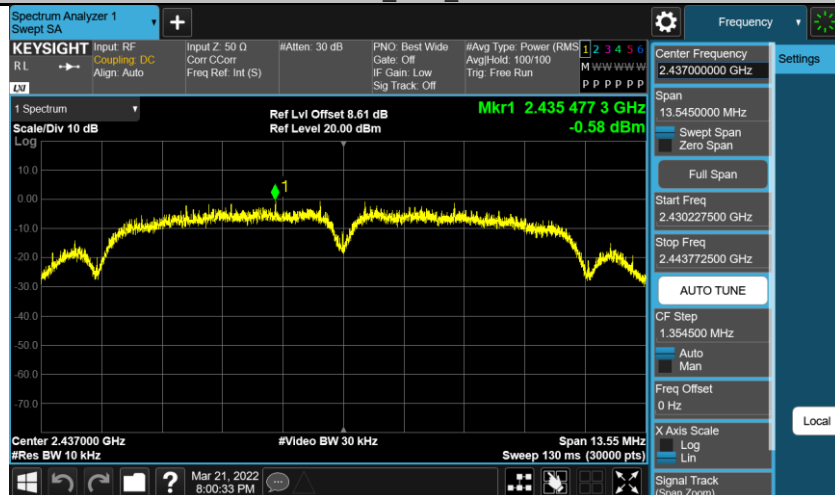
Appendix B.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-2.43	≤8.00	PASS
		2437	-0.58	≤8.00	PASS
		2462	-1.73	≤8.00	PASS
11G	Ant1	2412	-9.39	≤8.00	PASS
		2437	-2.54	≤8.00	PASS
		2462	-7.13	≤8.00	PASS
11N20SISO	Ant1	2412	-8.62	≤8.00	PASS
		2437	-2.32	≤8.00	PASS
		2462	-8.36	≤8.00	PASS

11B_Ant1_2412



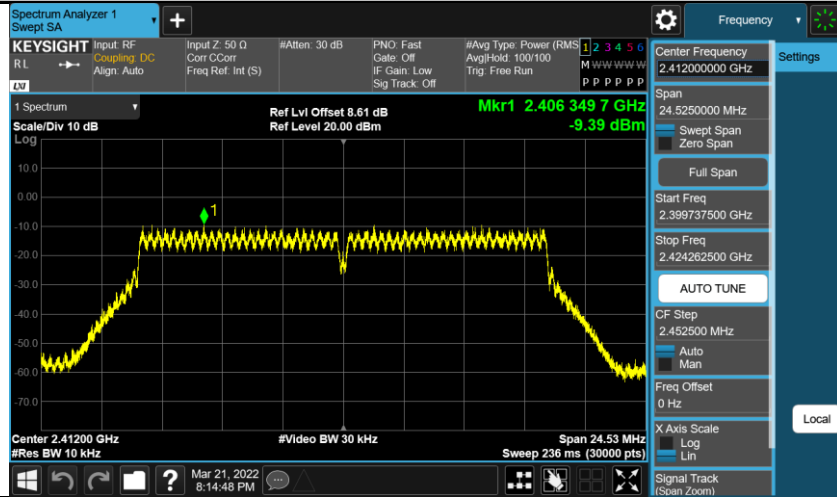
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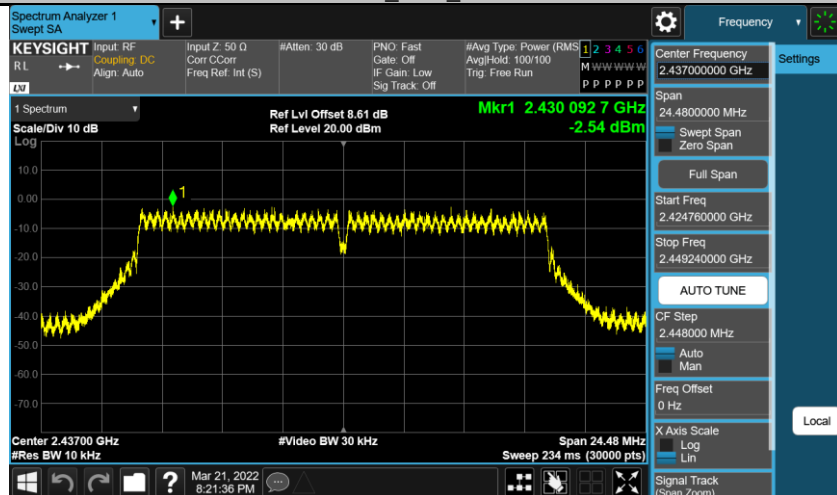
11B_Ant1_2462



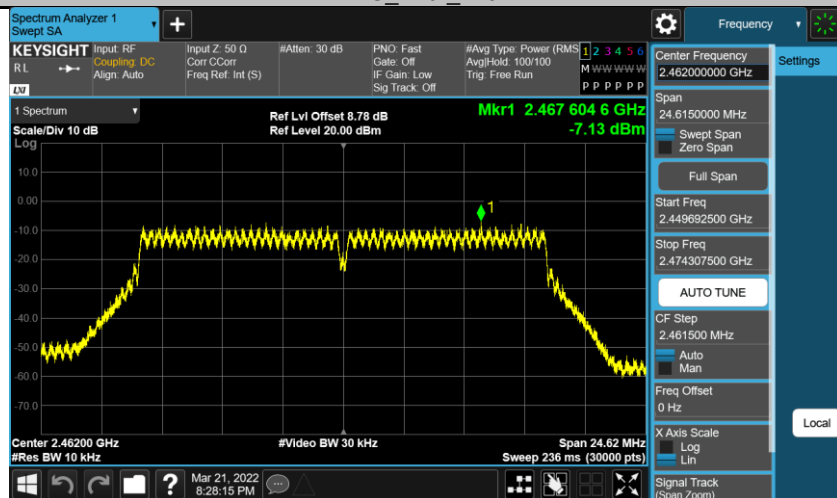
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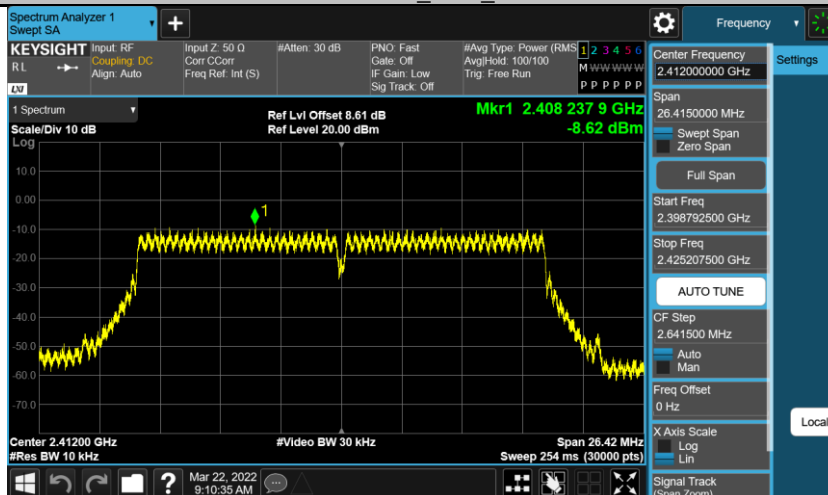
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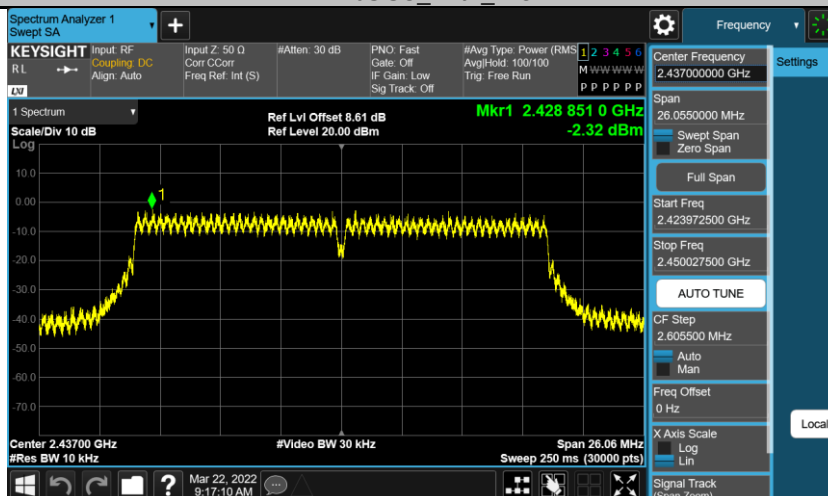
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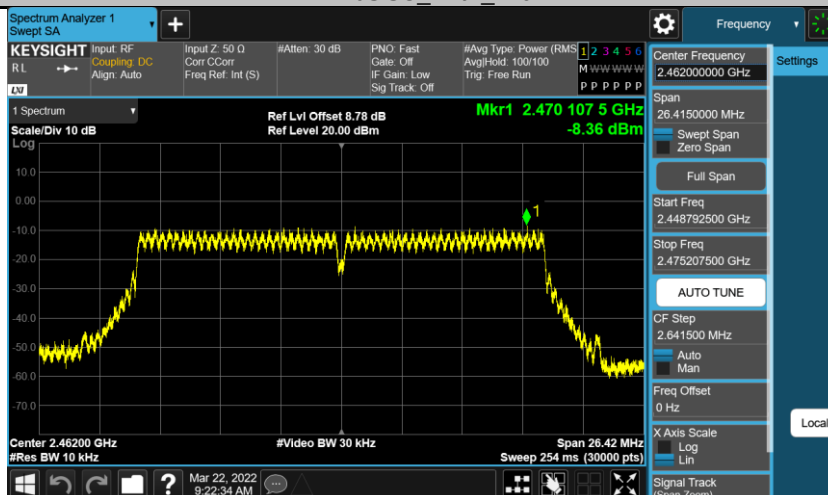
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



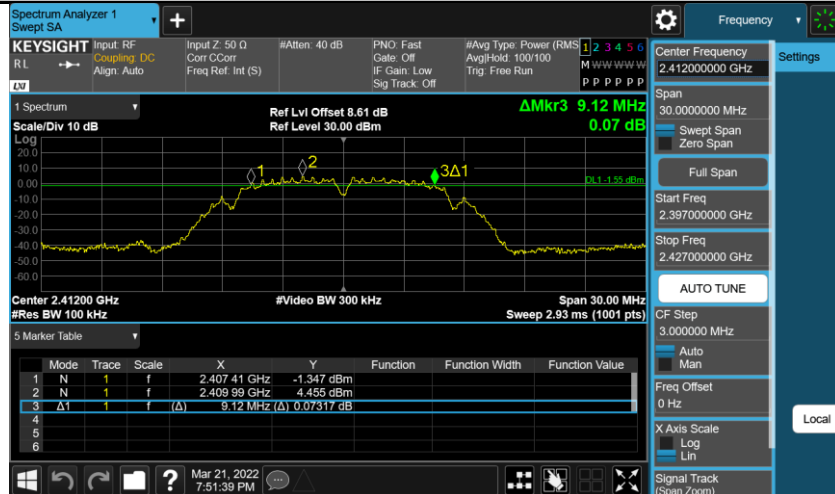
11N20SISO_Ant1_2462



Appendix B.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.120	2407.410	2416.530	0.5	PASS
		2437	9.030	2432.470	2441.500	0.5	PASS
		2462	9.090	2457.440	2466.530	0.5	PASS
11G	Ant1	2412	16.350	2403.810	2420.160	0.5	PASS
		2437	16.320	2428.810	2445.130	0.5	PASS
		2462	16.410	2453.780	2470.190	0.5	PASS
11N20SISO	Ant1	2412	17.610	2403.180	2420.790	0.5	PASS
		2437	17.370	2428.210	2445.580	0.5	PASS
		2462	17.610	2453.180	2470.790	0.5	PASS

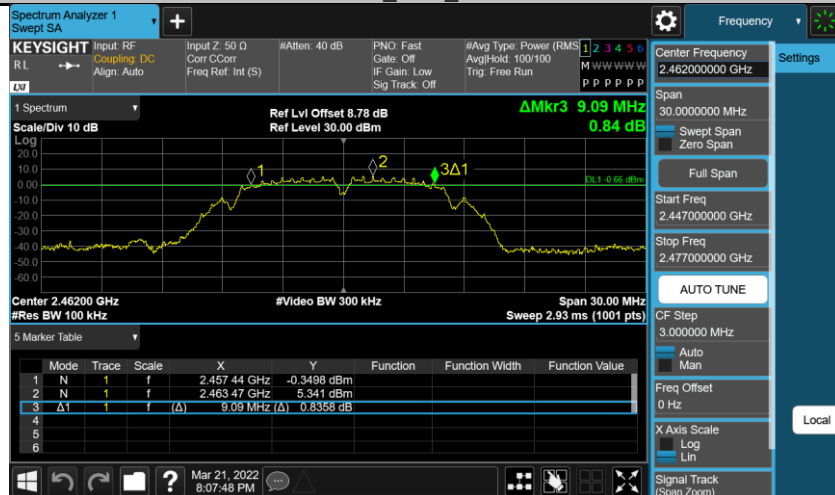
11B_Ant1_2412



11B_Ant1_2437



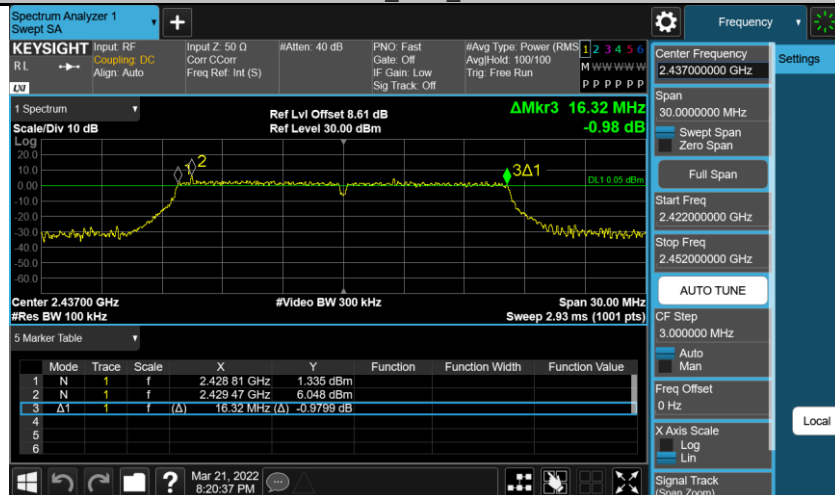
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11G_Ant1_2412



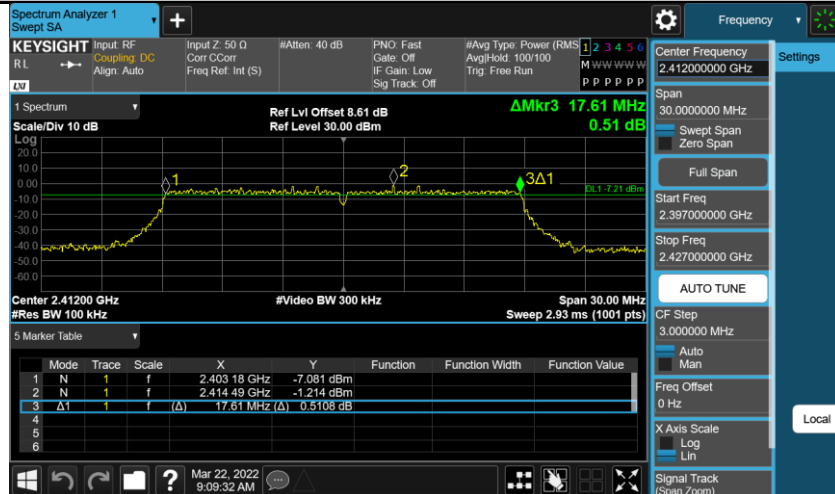
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



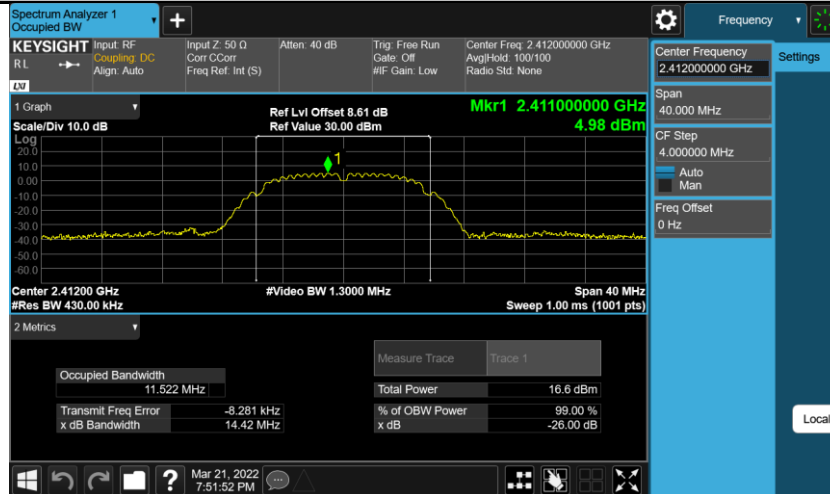
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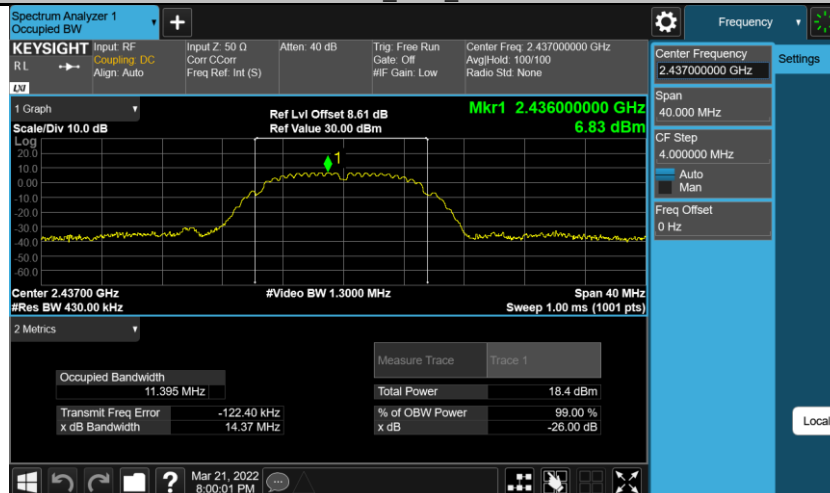
Appendix B.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.522	2406.231	2417.753	---	PASS
		2437	11.395	2431.180	2442.575	---	PASS
		2462	11.470	2456.238	2467.708	---	PASS
11G	Ant1	2412	16.818	2403.562	2420.380	---	PASS
		2437	16.849	2428.506	2445.355	---	PASS
		2462	16.773	2453.584	2470.357	---	PASS
11N20SISO	Ant1	2412	17.807	2403.088	2420.895	---	PASS
		2437	17.832	2428.031	2445.863	---	PASS
		2462	17.826	2453.058	2470.884	---	PASS

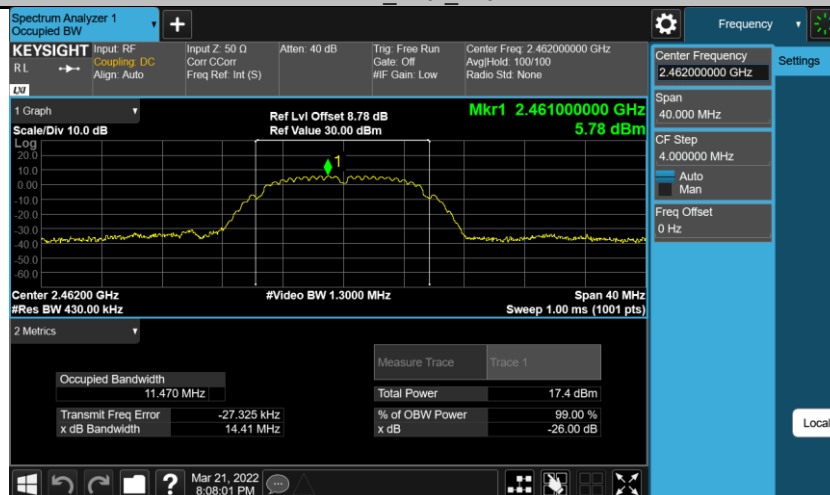
11B_Ant1_2412



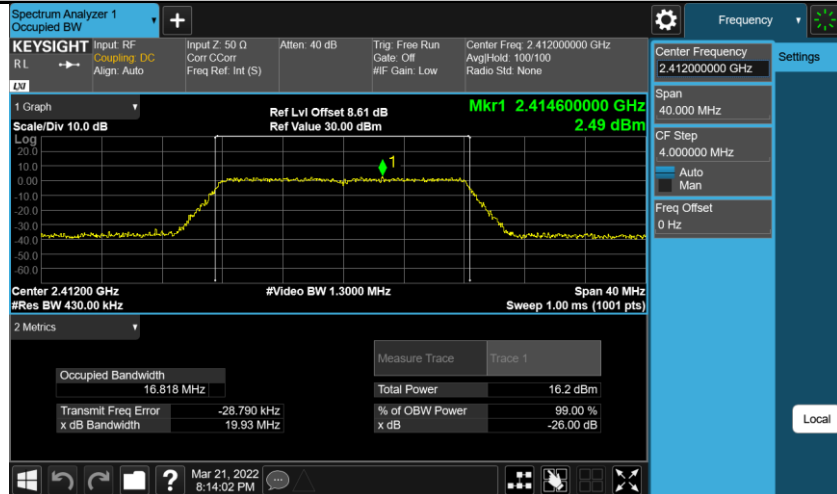
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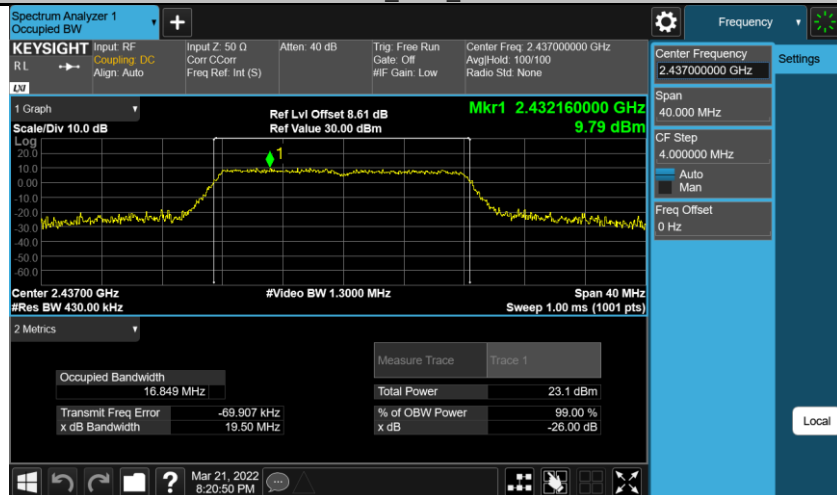
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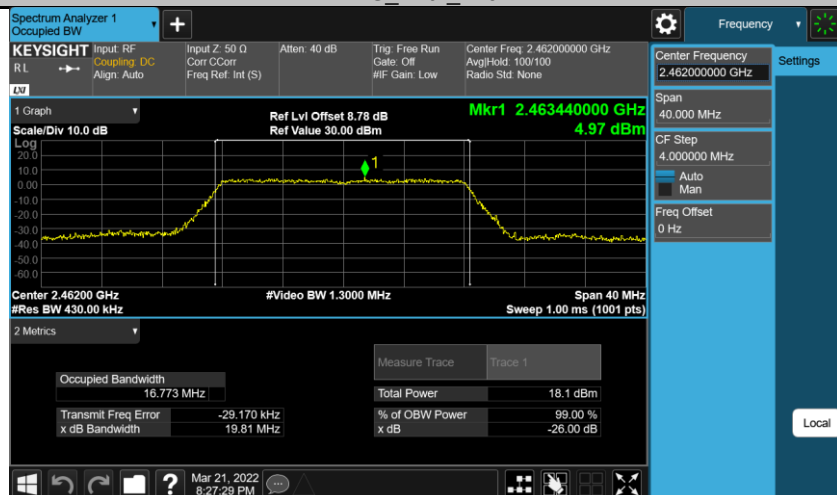
11G_Ant1_2412



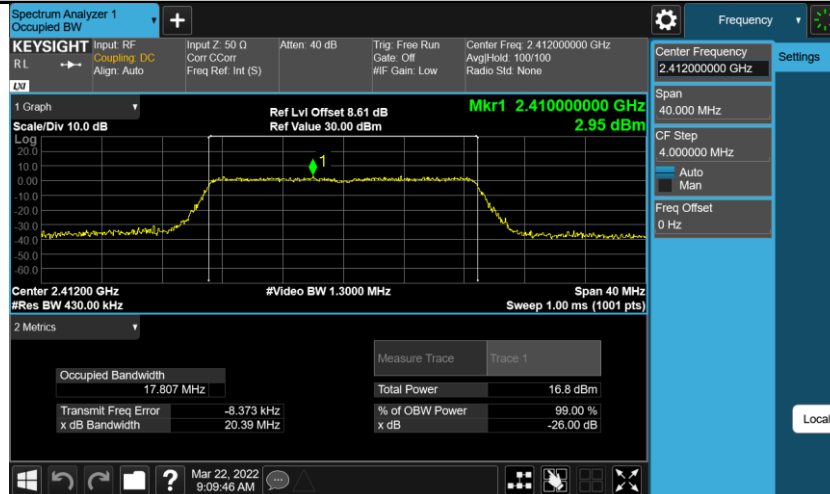
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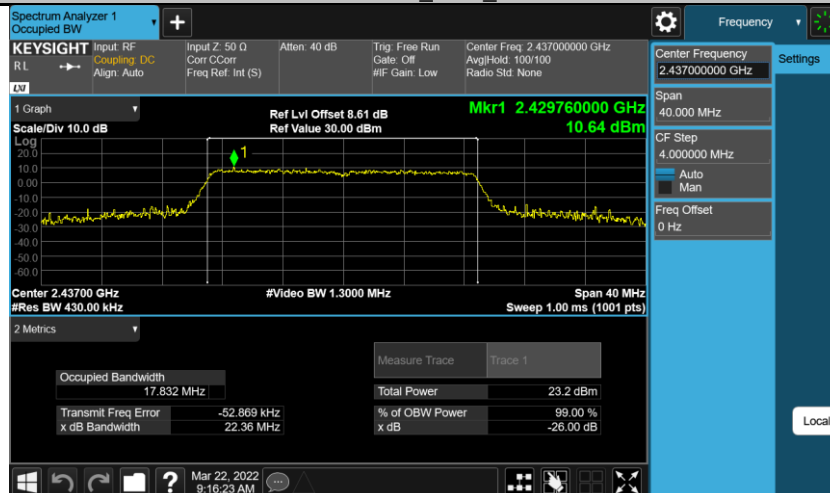
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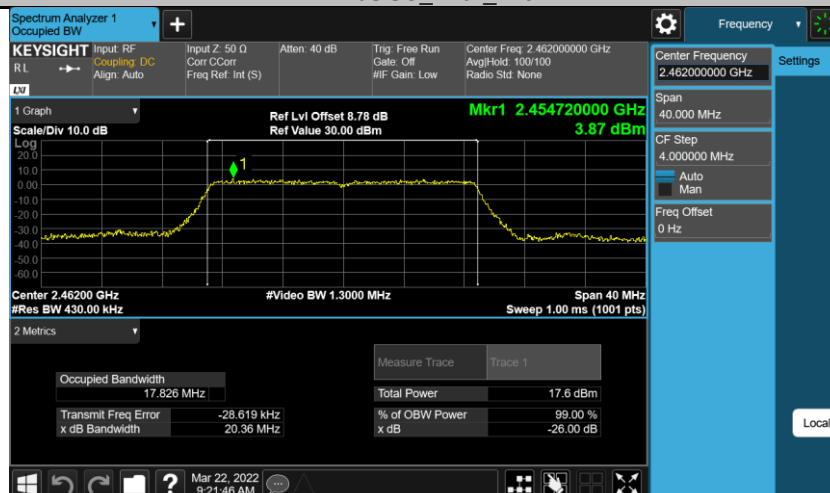
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

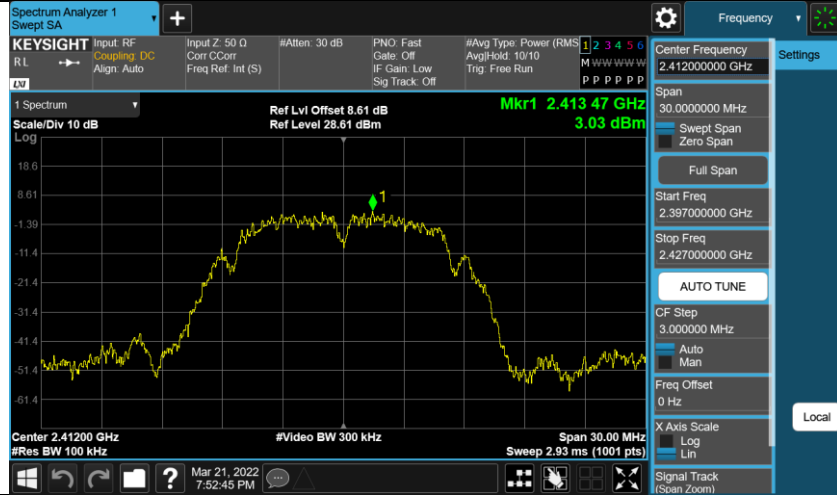


Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

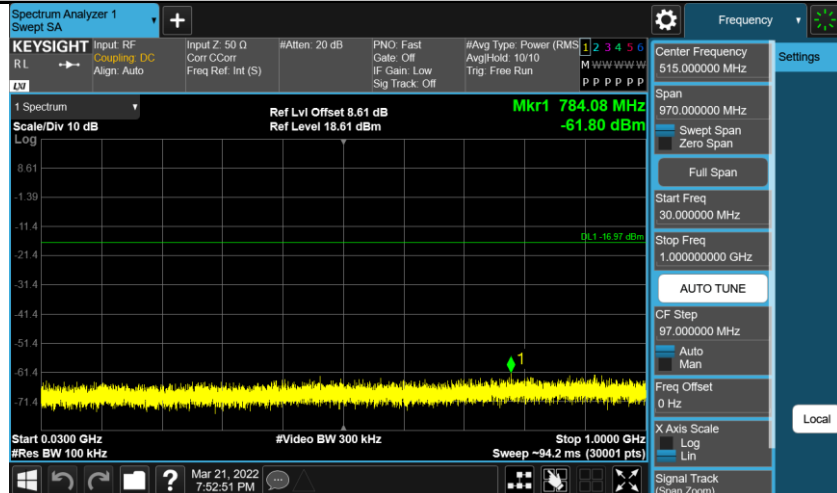
Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.03	3.03	---	PASS
			30~1000	3.03	-61.8	≤-16.97	PASS
			1000~26500	3.03	-48.6	≤-16.97	PASS
		2437	Reference	5.59	5.59	---	PASS
			30~1000	5.59	-61.93	≤-14.41	PASS
			1000~26500	5.59	-48.04	≤-14.41	PASS
		2462	Reference	4.63	4.63	---	PASS
			30~1000	4.63	-61.5	≤-15.37	PASS
			1000~26500	4.63	-46.44	≤-15.37	PASS
11G	Ant1	2412	Reference	-1.35	-1.35	---	PASS
			30~1000	-1.35	-62.38	≤-21.35	PASS
			1000~26500	-1.35	-52.57	≤-21.35	PASS
		2437	Reference	4.54	4.54	---	PASS
			30~1000	4.54	-61.89	≤-15.46	PASS
			1000~26500	4.54	-51.94	≤-15.46	PASS
		2462	Reference	-1.91	-1.91	---	PASS
			30~1000	-1.91	-61.75	≤-21.91	PASS
			1000~26500	-1.91	-52.45	≤-21.91	PASS
11N20SISO	Ant1	2412	Reference	-2.72	-2.72	---	PASS
			30~1000	-2.72	-62.39	≤-22.72	PASS
			1000~26500	-2.72	-54.25	≤-22.72	PASS
		2437	Reference	2.50	2.50	---	PASS
			30~1000	2.50	-61.91	≤-17.5	PASS
			1000~26500	2.50	-53.89	≤-17.5	PASS
		2462	Reference	-2.37	-2.37	---	PASS
			30~1000	-2.37	-62.04	≤-22.37	PASS
			1000~26500	-2.37	-53.25	≤-22.37	PASS

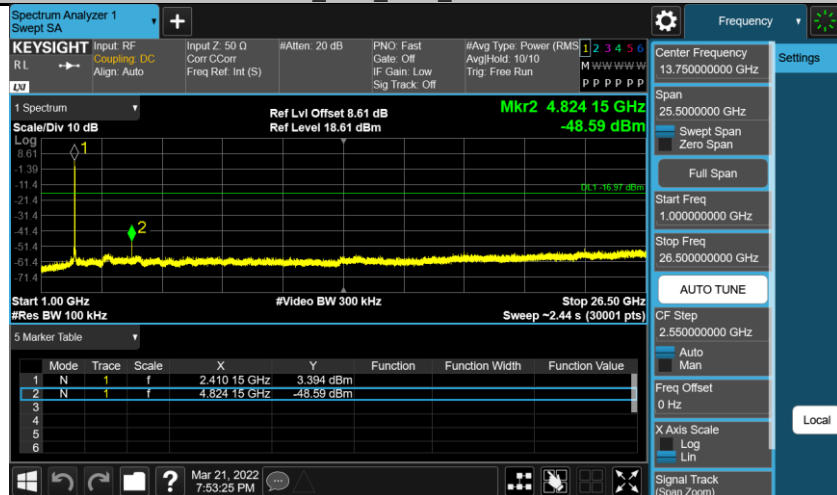
11B_Ant1_2412_0-Reference



11B_Ant1_2412_30-1000



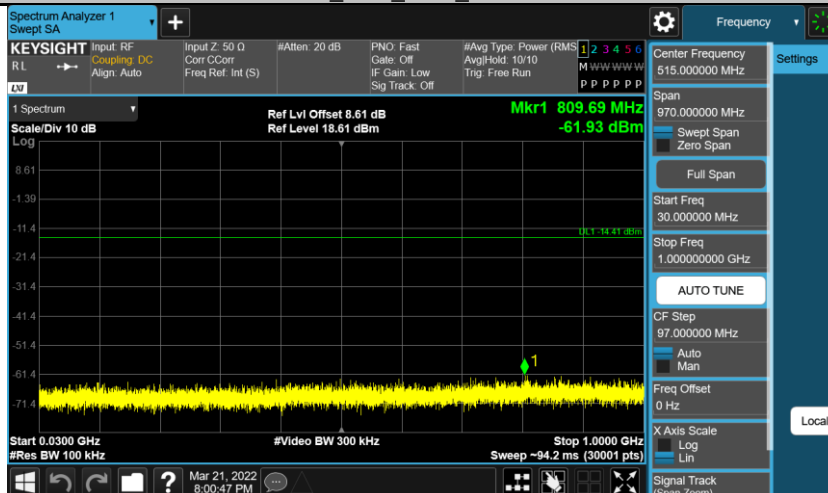
11B_Ant1_2412_1000-26500



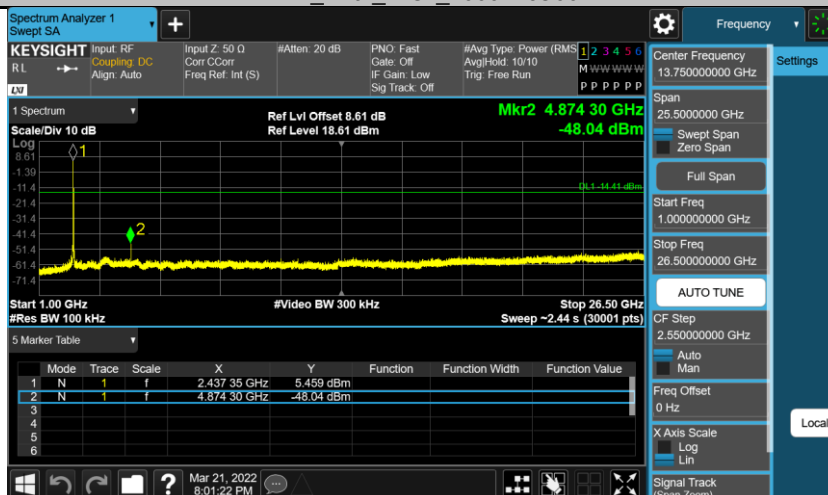
11B_Ant1_2437_0-Reference



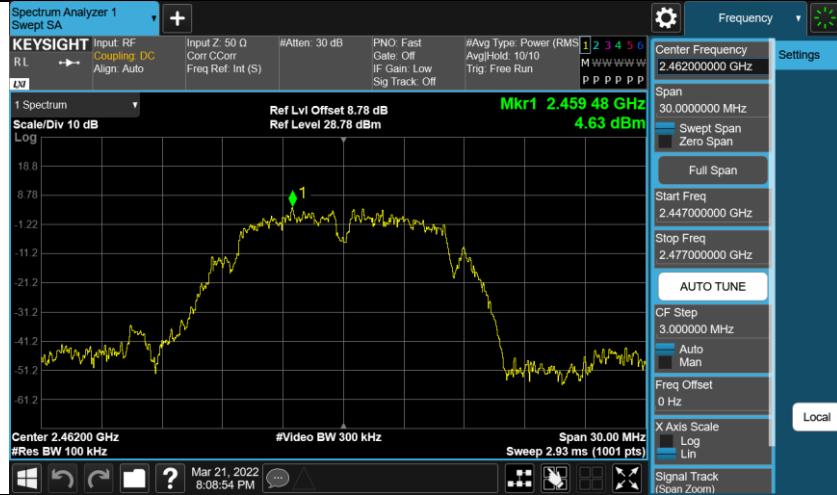
11B_Ant1_2437_30-1000



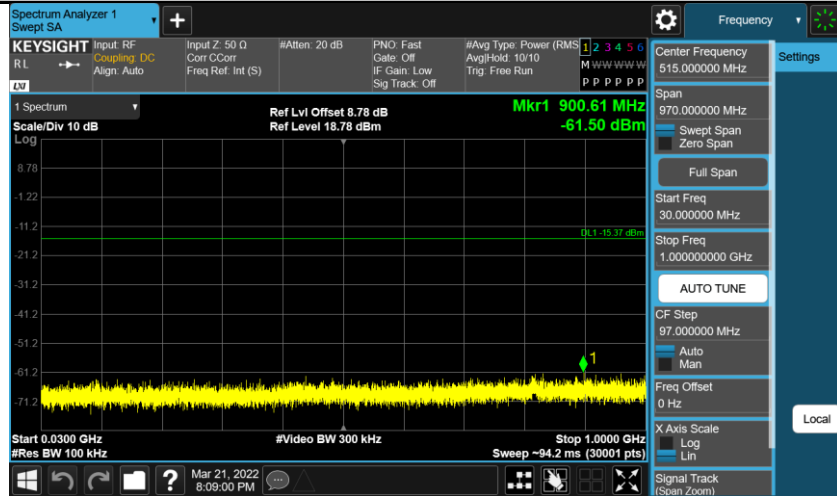
11B_Ant1_2437_1000-26500



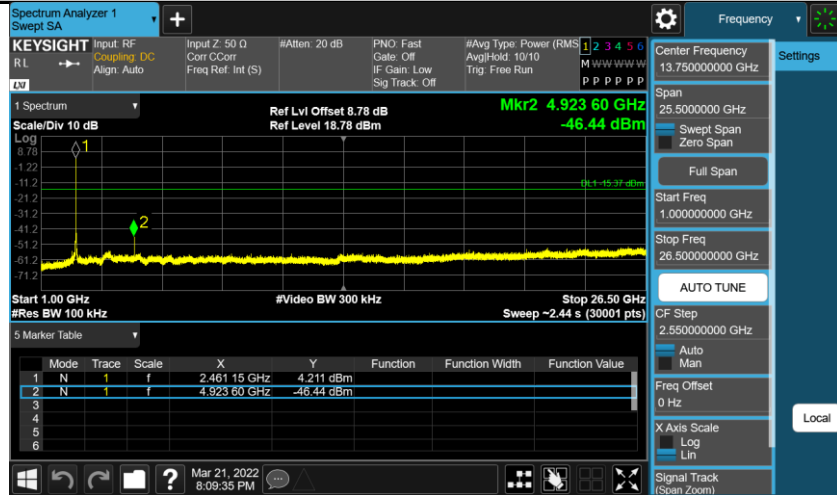
11B_Ant1_2462_0-Reference



11B_Ant1_2462_30-1000



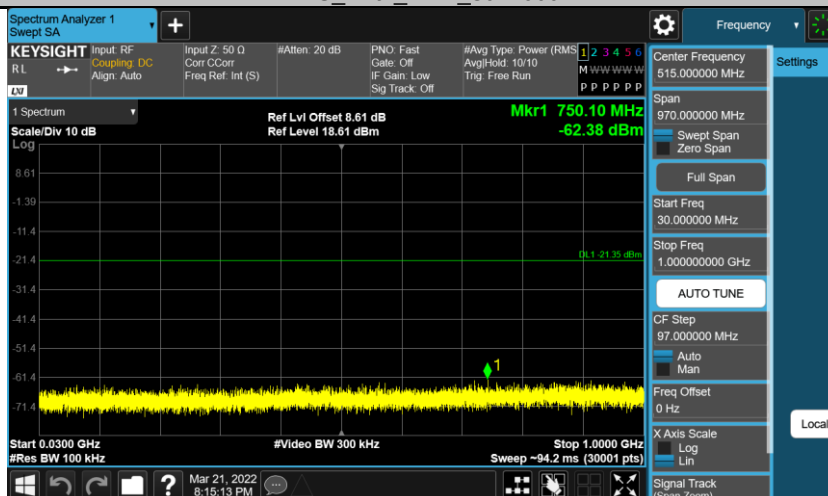
11B_Ant1_2462_1000-26500



11G_Ant1_2412_0-Reference



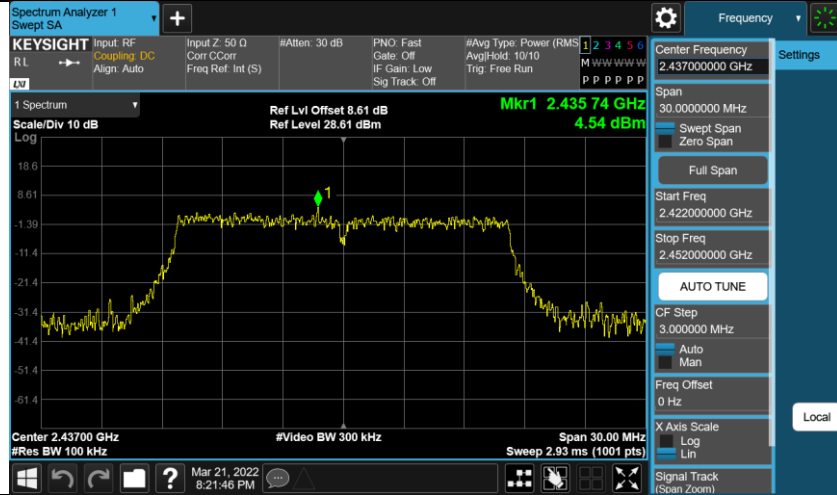
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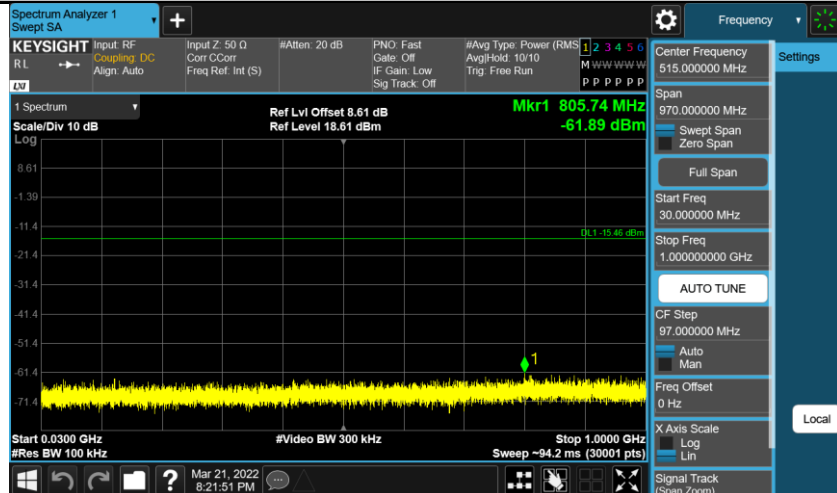
11G_Ant1_2412_1000-26500



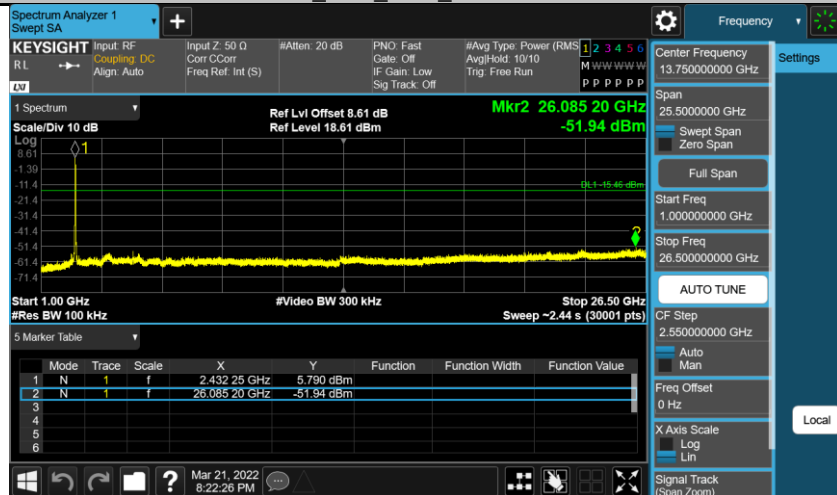
11G_Ant1_2437_0-Reference



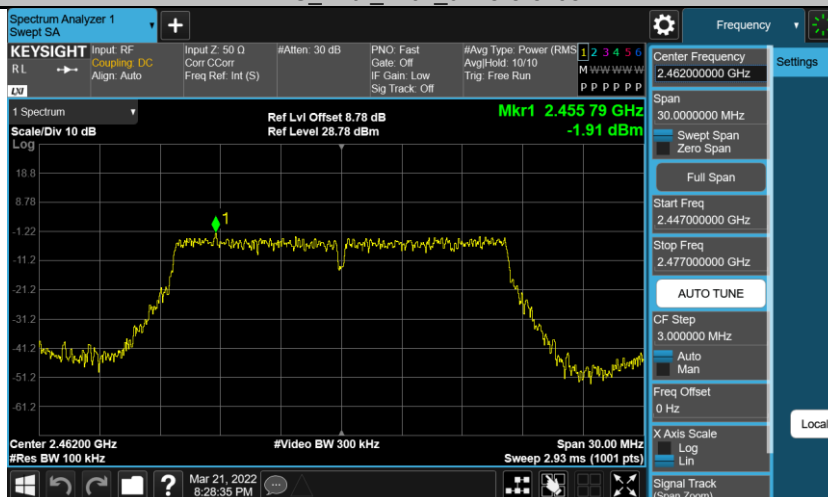
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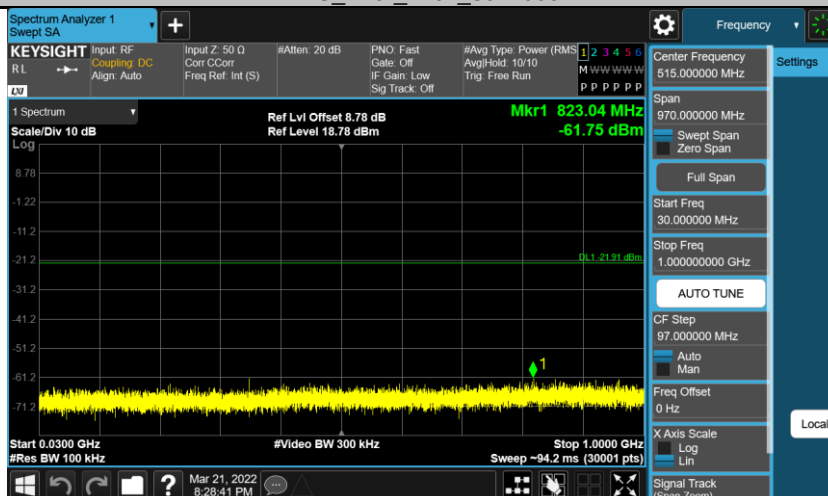
11G_Ant1_2437_1000-26500



11G_Ant1_2462_0-Reference



11G_Ant1_2462_30-1000



11G_Ant1_2462_1000-26500

