

Test Data Appendix For 2.4GHz Wi-Fi

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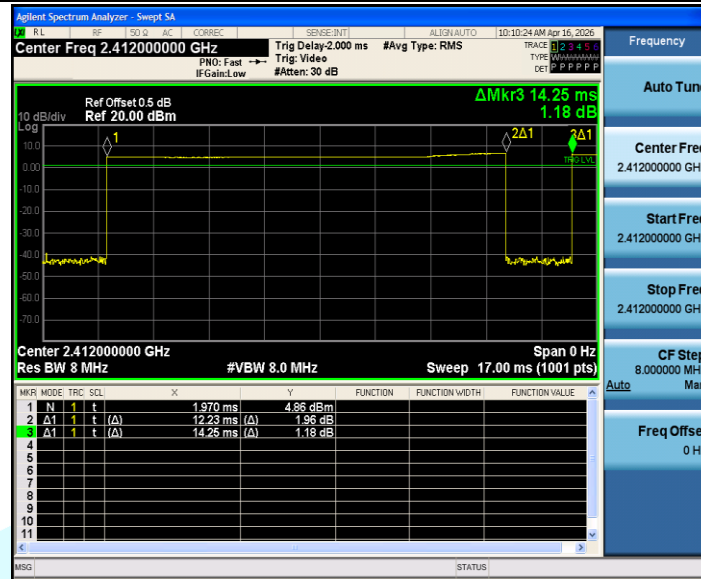


Duty Cycle

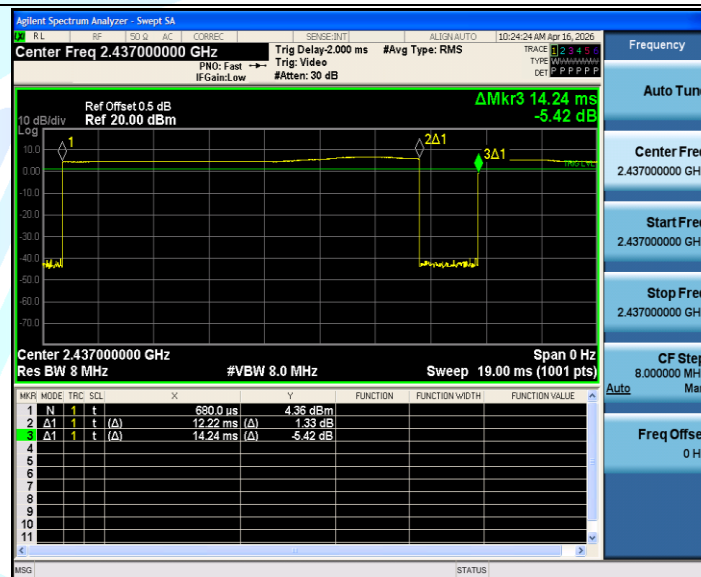
Test Mode	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	2412	12.23	14.25	85.82
	2437	12.22	14.24	85.81
	2462	11.00	11.00	100.00
11G	2412	2.04	4.06	50.25
	2437	2.04	4.06	50.25
	2462	2.03	4.06	50.00
11N20	2412	1.89	3.92	48.21
	2437	1.89	3.92	48.21
	2462	1.89	3.91	48.34

Test Graphs

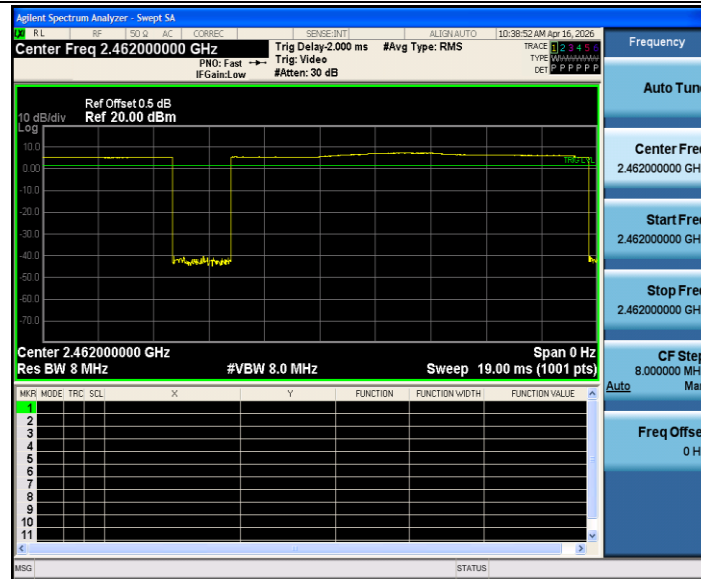
11B_2412



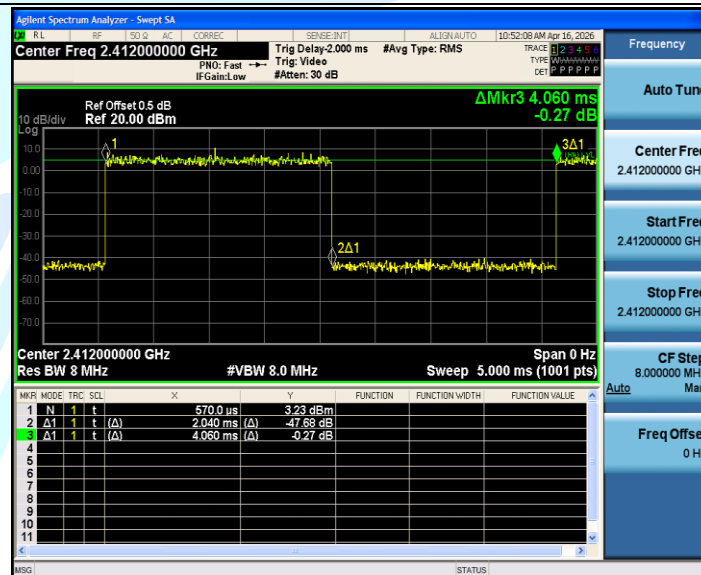
11B_2437



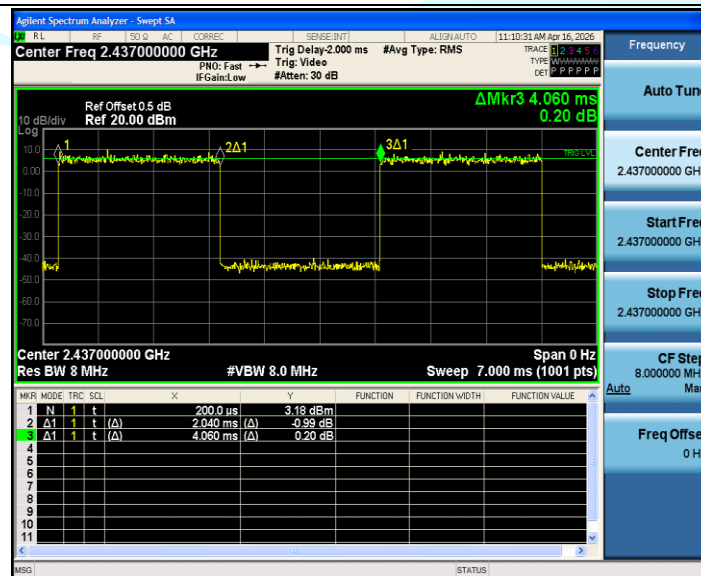
11B_2462



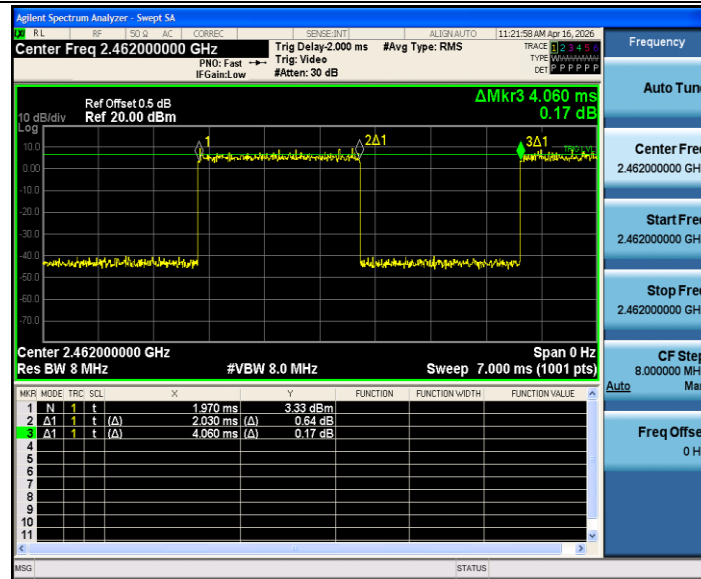
11G_2412



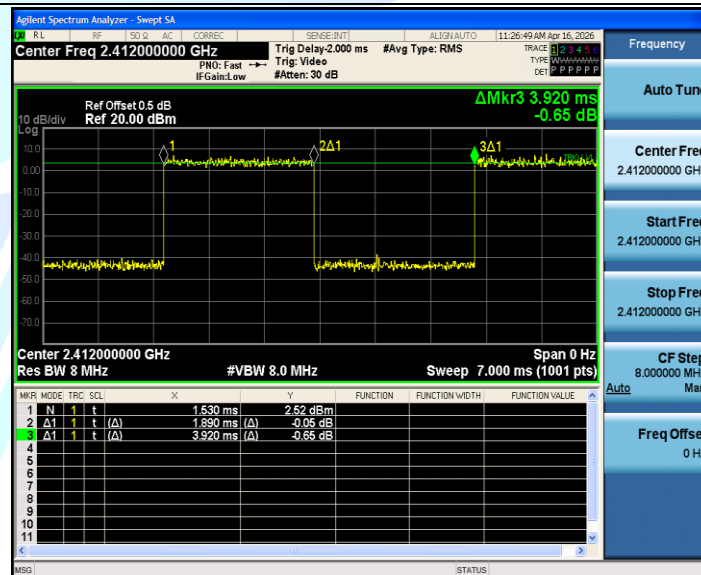
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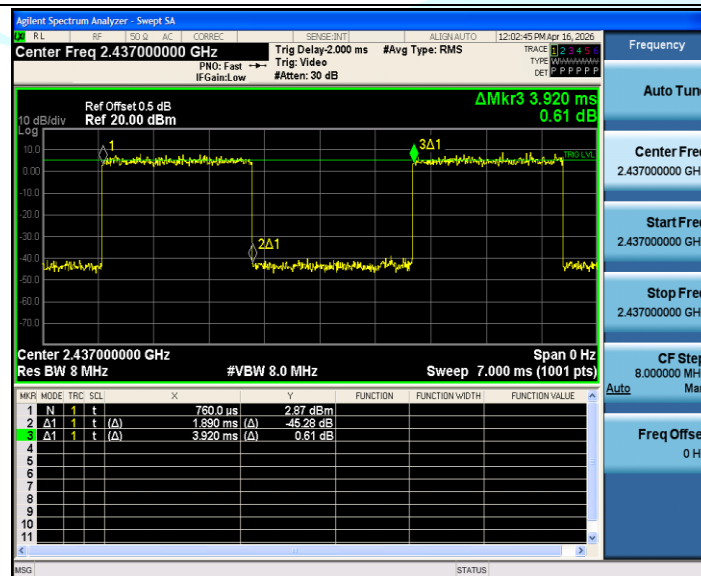
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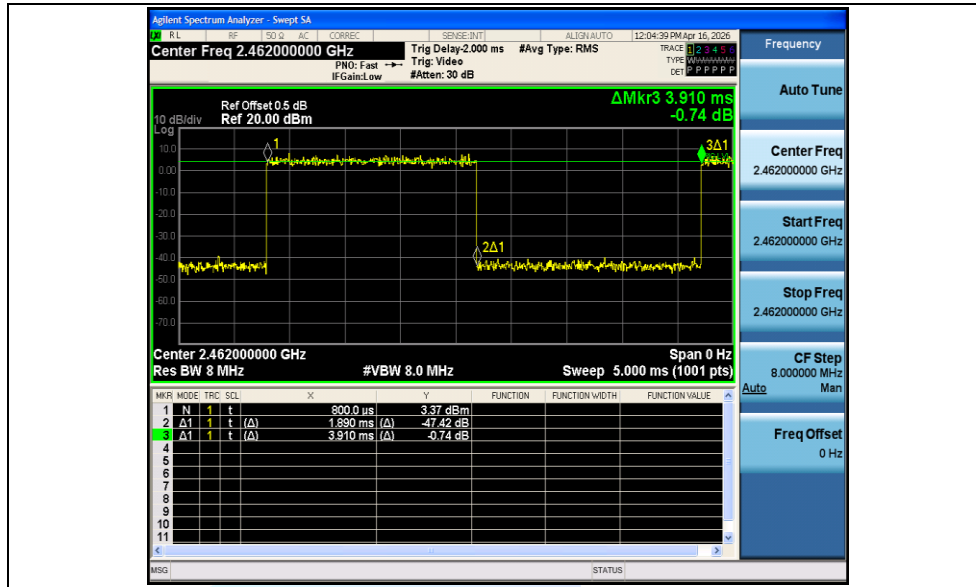
11N20_2412



11N20_2437



11N20_2462

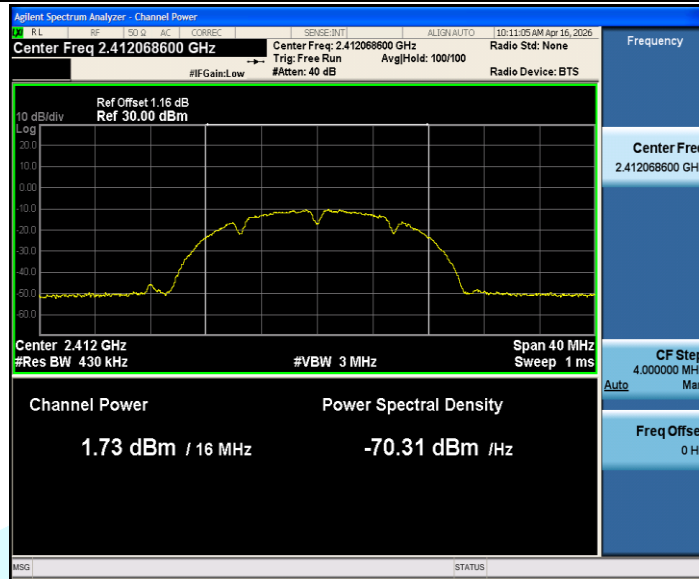


Conducted Output Power

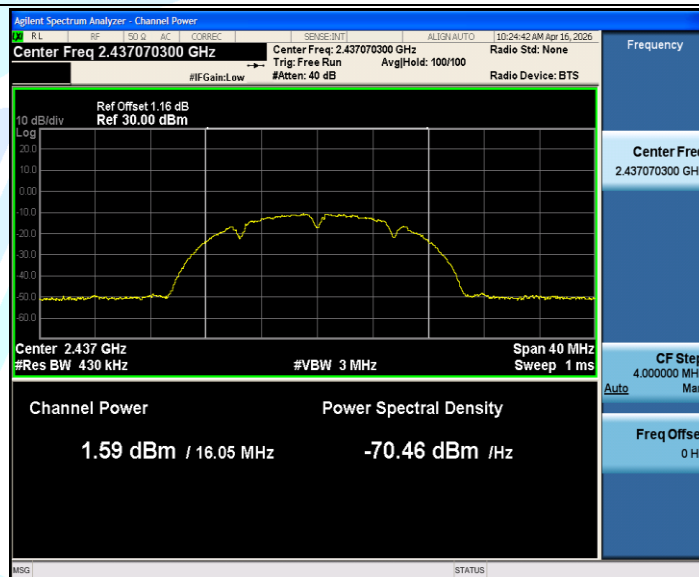
Test Mode	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	2412	1.07	85.82	0.66	1.73	≤30.00	PASS
	2437	0.93	85.81	0.66	1.59	≤30.00	PASS
	2462	1.72	100.00	0.00	1.72	≤30.00	PASS
11G	2412	-1.52	50.25	2.99	1.47	≤30.00	PASS
	2437	-1.21	50.25	2.99	1.78	≤30.00	PASS
	2462	-1.11	50.00	3.01	1.90	≤30.00	PASS
11N20	2412	-2.81	48.21	3.17	0.36	≤30.00	PASS
	2437	-1.90	48.21	3.17	1.27	≤30.00	PASS
	2462	-2.23	48.34	3.16	0.93	≤30.00	PASS

Test Graphs

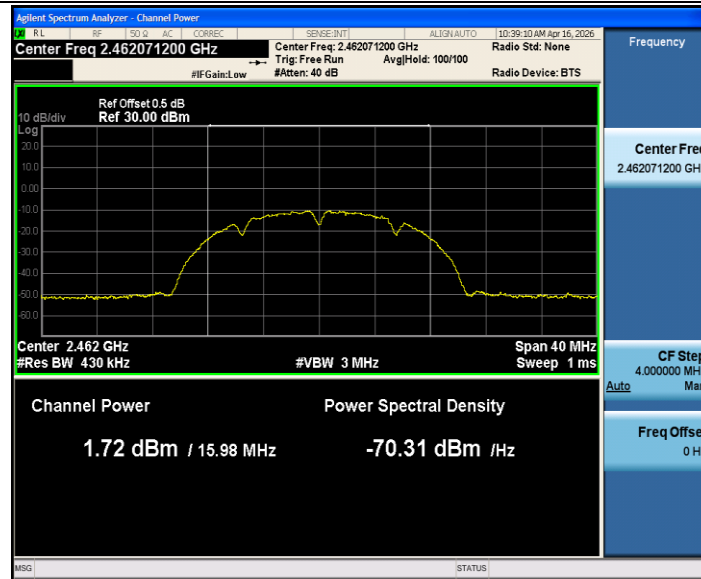
11B_2412



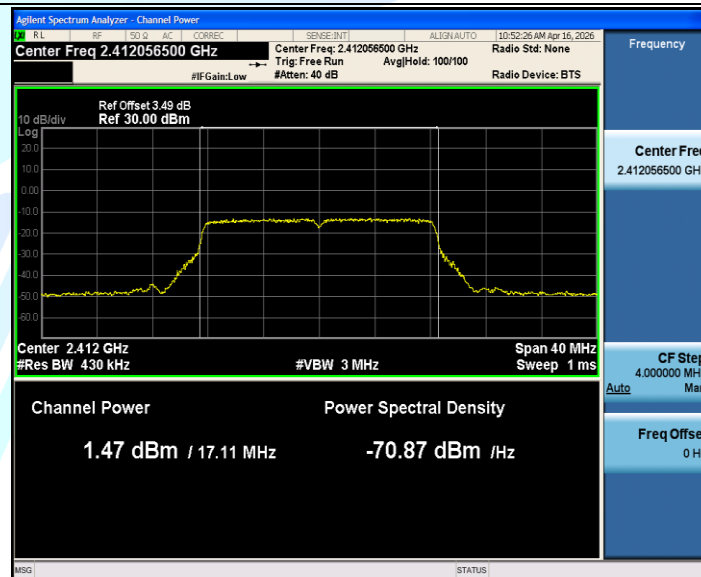
11B_2437



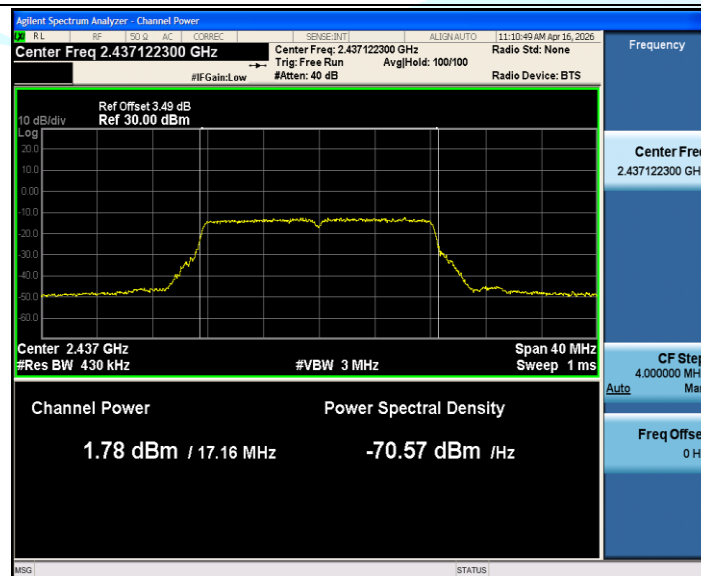
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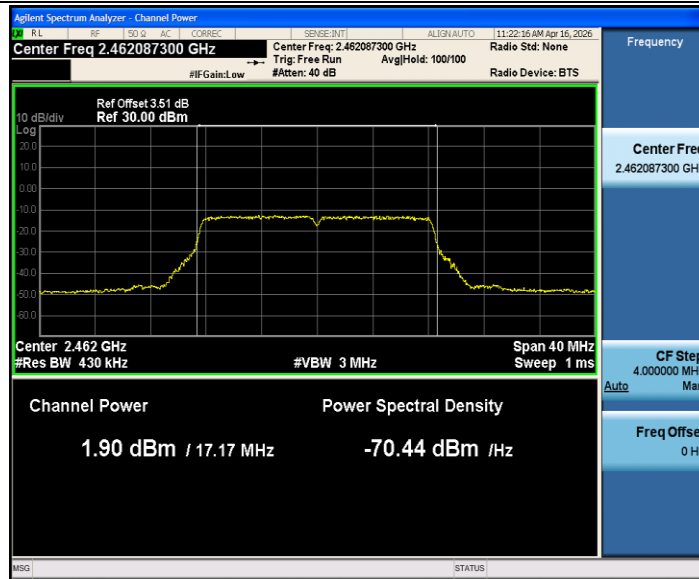
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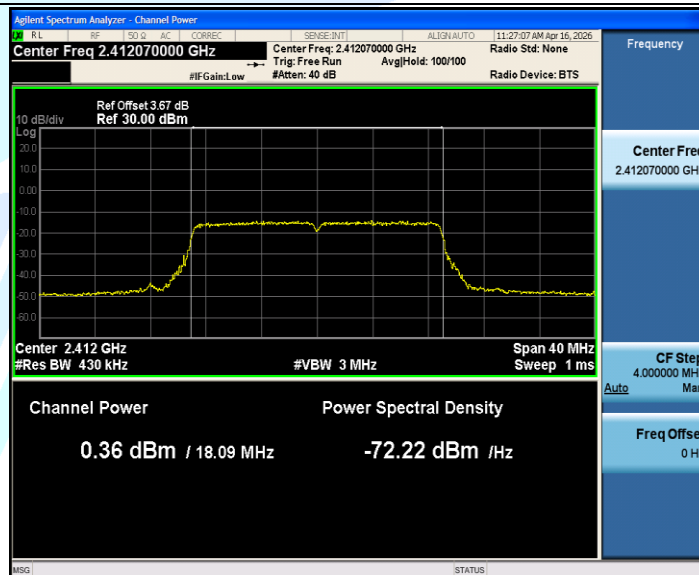
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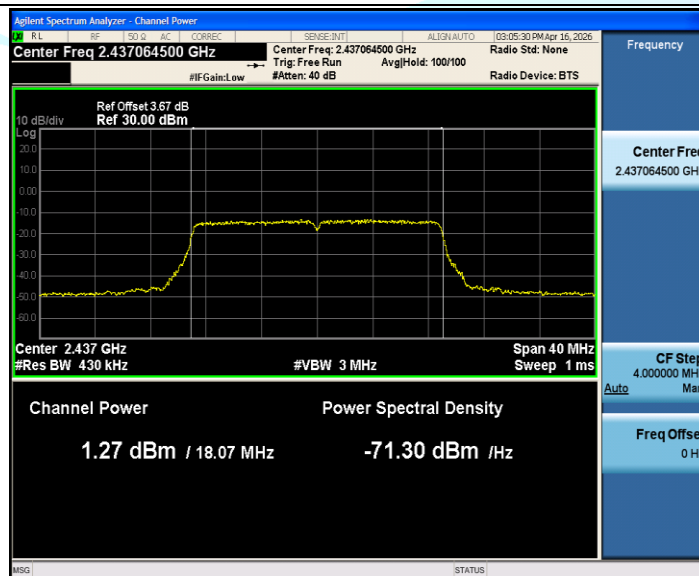
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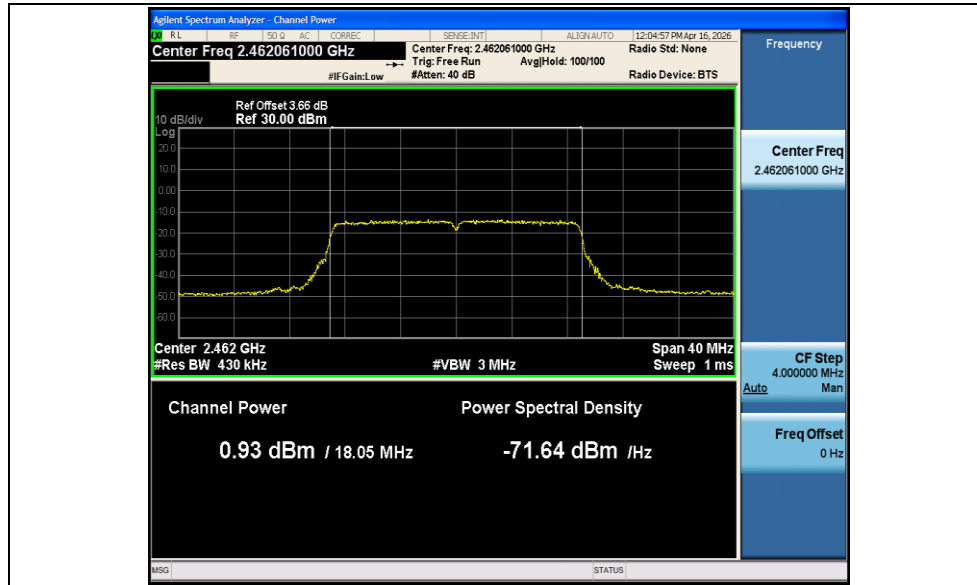
11N20_2412



11N20_2437



11N20_2462

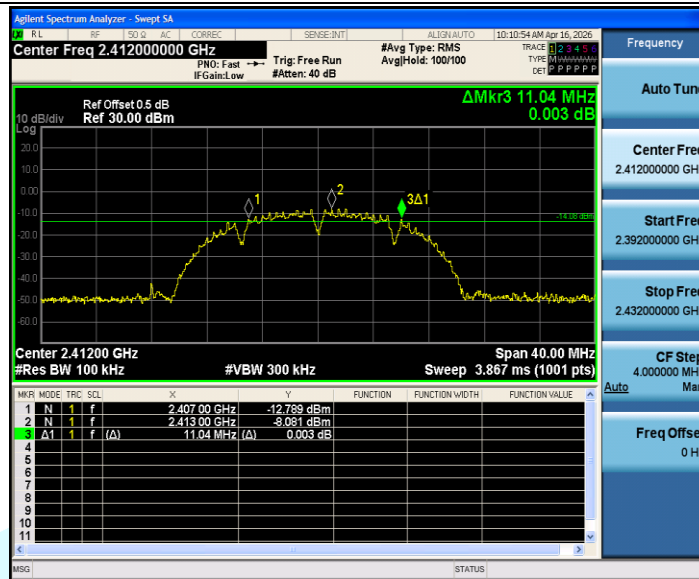


-6dB Emission Bandwidth

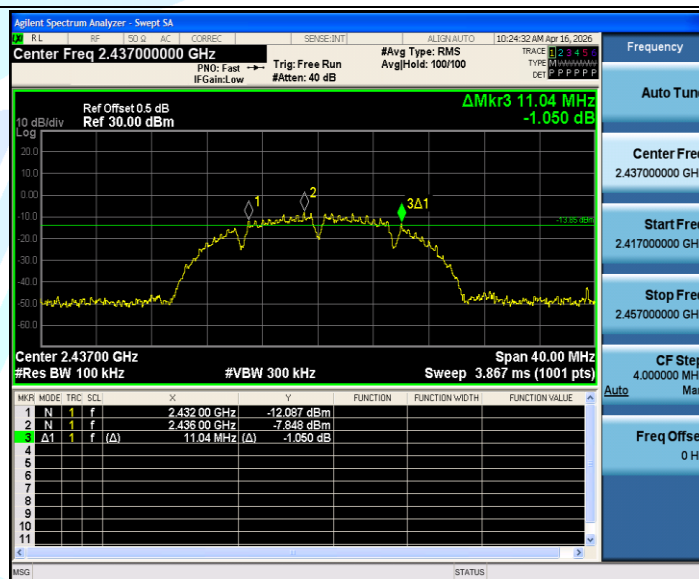
Test Mode	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11B	2412	11.040	2407.000	2418.040	0.5	PASS
	2437	11.040	2432.000	2443.040	0.5	PASS
	2462	10.040	2457.000	2467.040	0.5	PASS
11G	2412	16.400	2403.840	2420.240	0.5	PASS
	2437	16.360	2428.840	2445.200	0.5	PASS
	2462	16.360	2453.840	2470.200	0.5	PASS
11N20	2412	17.760	2403.160	2420.920	0.5	PASS
	2437	17.560	2428.240	2445.800	0.5	PASS
	2462	17.600	2453.240	2470.840	0.5	PASS

Test Graphs

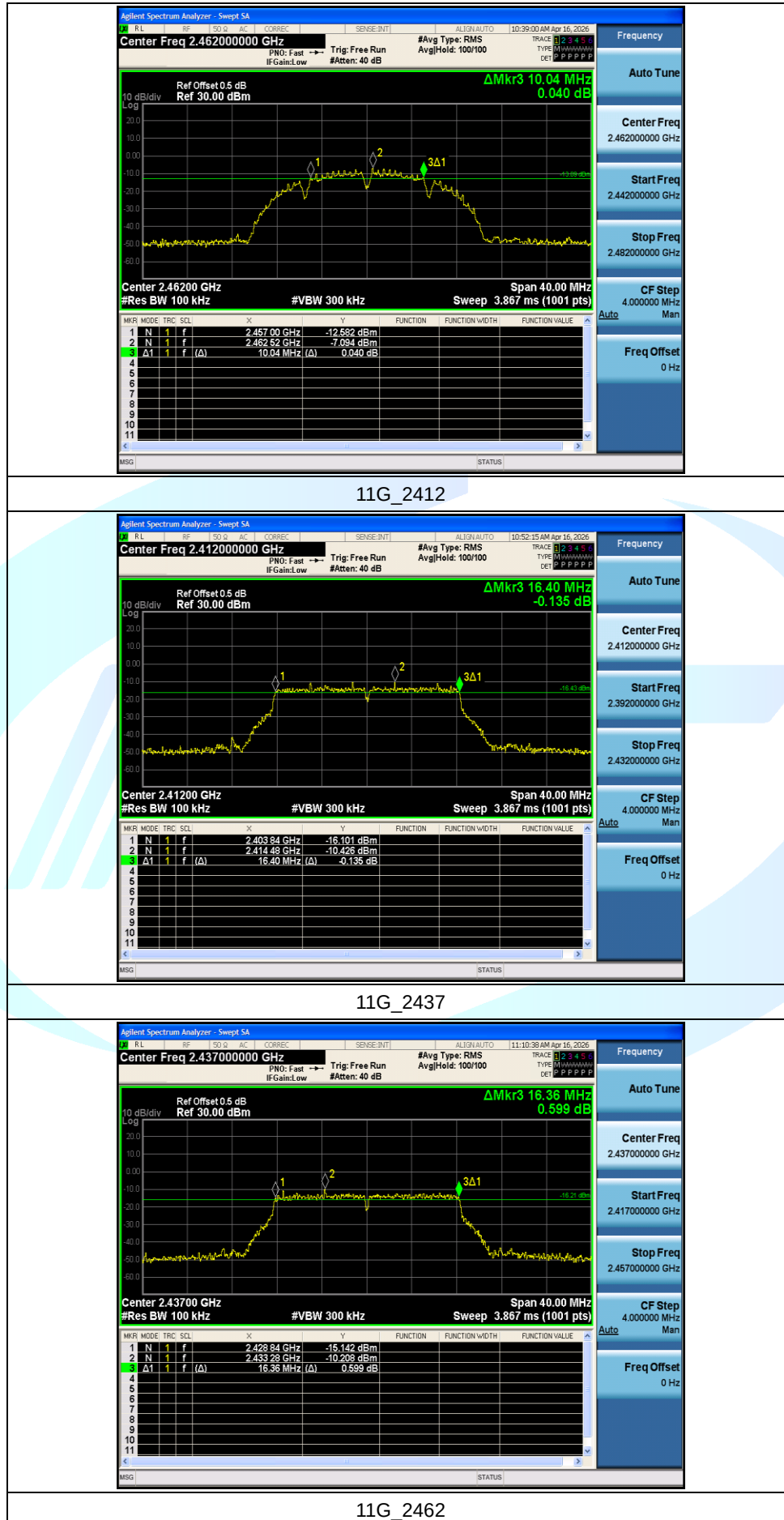
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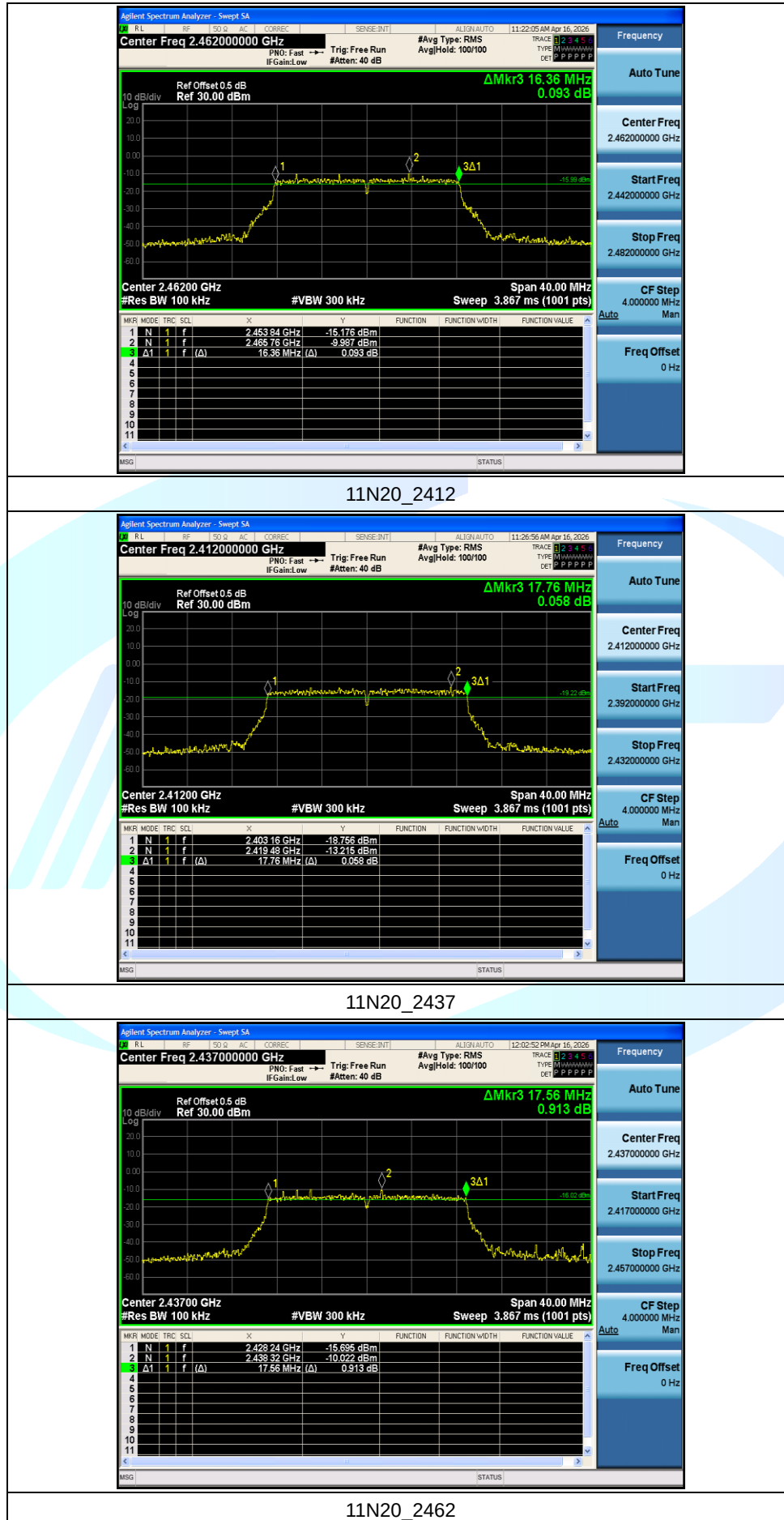


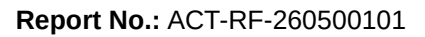
11B_2437



11B 2462





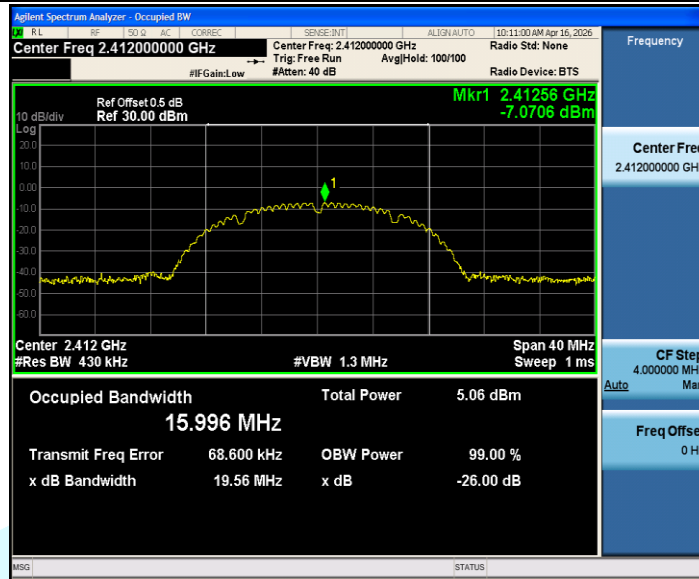


Occupied Bandwidth

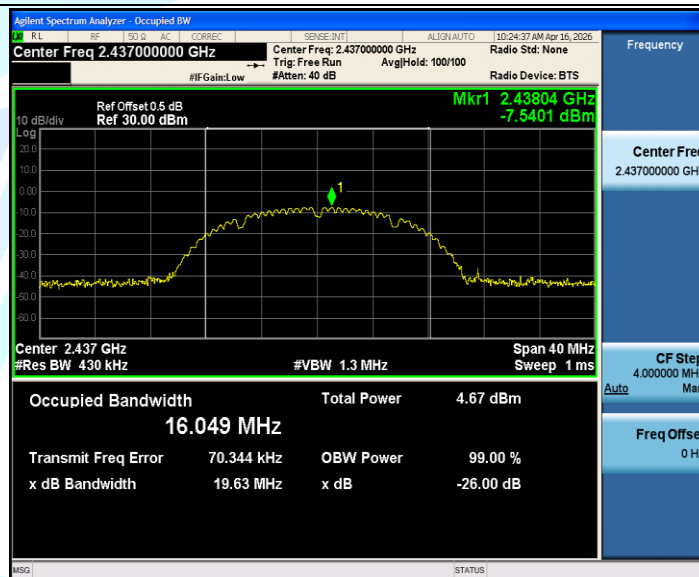
Test Mode	Channel Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]
11B	2412	15.996	2404.0706	2420.0666
	2437	16.049	2429.0458	2445.0948
	2462	15.978	2454.0822	2470.0602
11G	2412	17.108	2403.5025	2420.6105
	2437	17.160	2428.5423	2445.7023
	2462	17.170	2453.5023	2470.6723
11N20	2412	18.092	2403.0240	2421.1160
	2437	18.071	2428.0290	2446.1000
	2462	18.051	2453.0355	2471.0865

Test Graphs

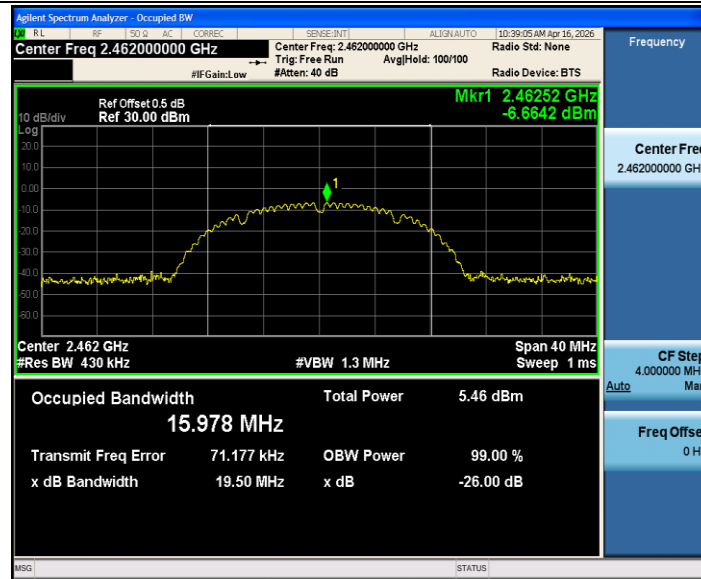
11B_2412



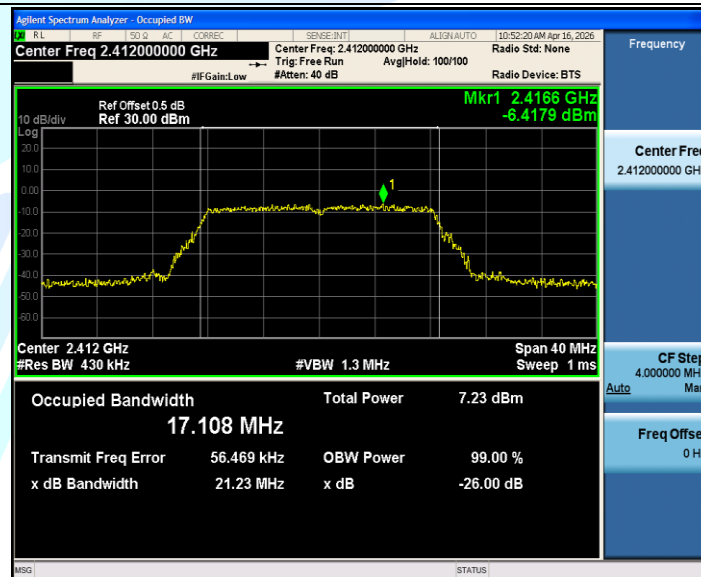
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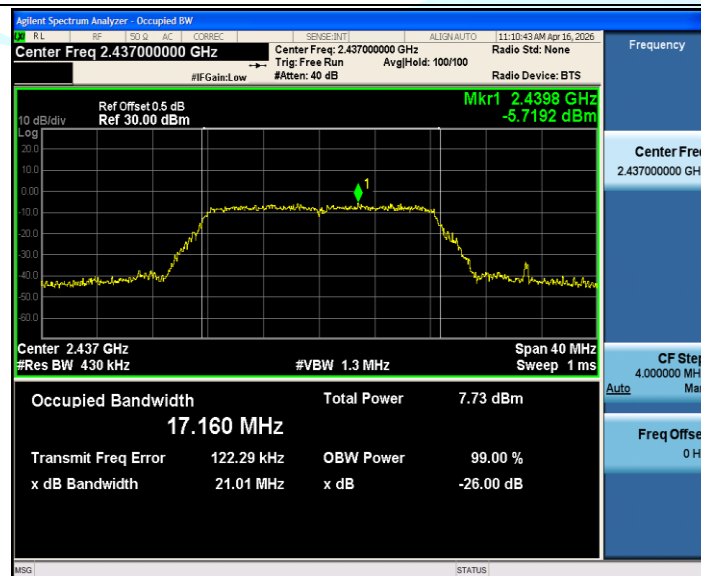
11B_2462



11G_2412



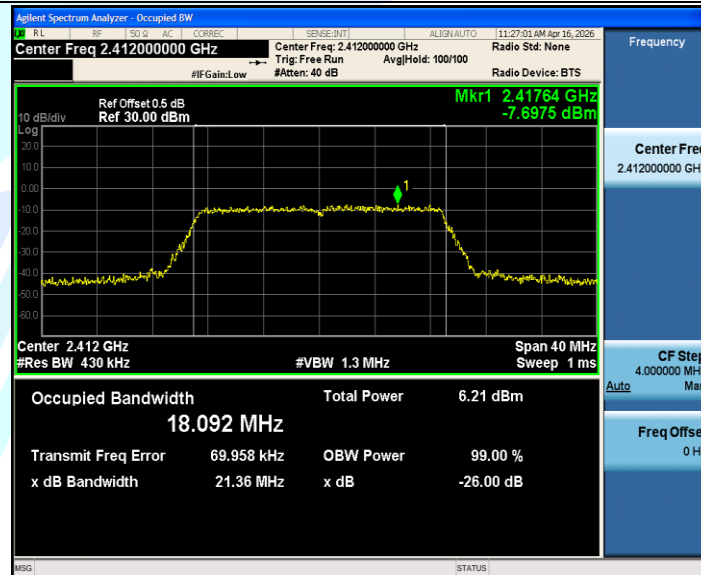
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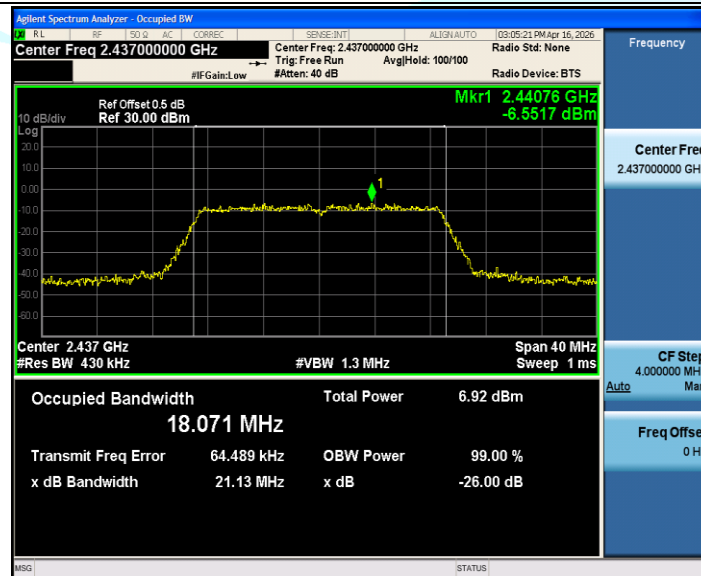
11G_2462



11N20_2412



11N20_2437



11N20_2462