

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.040	2406.960	2417.000	0.5	PASS
		2437	10.040	2431.960	2442.000	0.5	PASS
		2462	10.040	2456.960	2467.000	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.520	2403.240	2420.760	0.5	PASS
		2437	17.520	2428.240	2445.760	0.5	PASS
		2462	17.280	2453.240	2470.520	0.5	PASS
11N40SISO	Ant1	2422	35.360	2404.400	2439.760	0.5	PASS
		2437	35.200	2419.400	2454.600	0.5	PASS
		2452	35.680	2434.080	2469.760	0.5	PASS

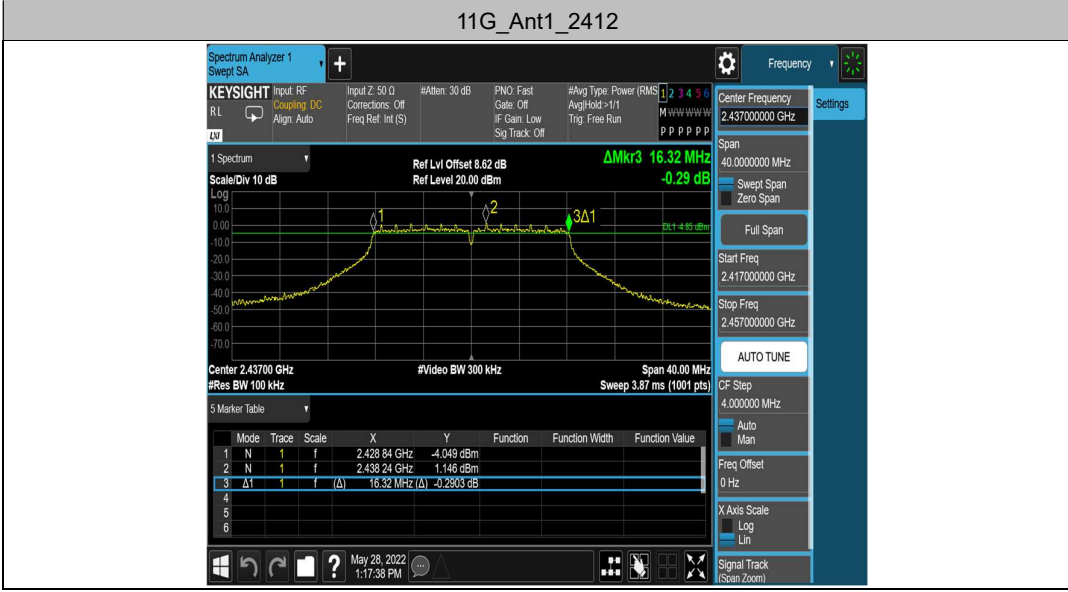
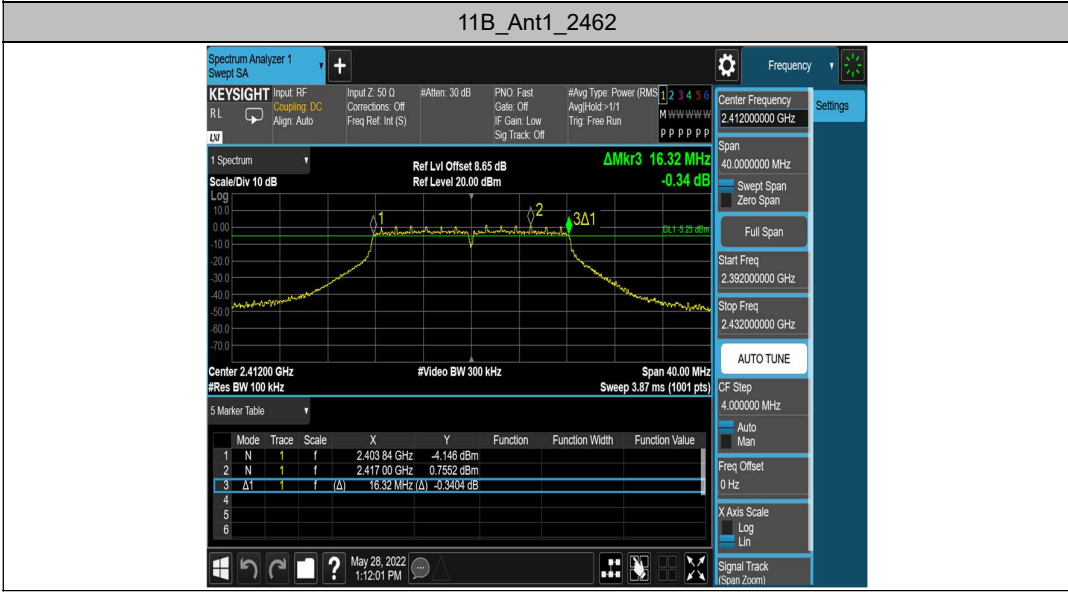
Test Graphs



11B_Ant1_2412



11B_Ant1_2437



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 B: Occupied Channel Bandwidth

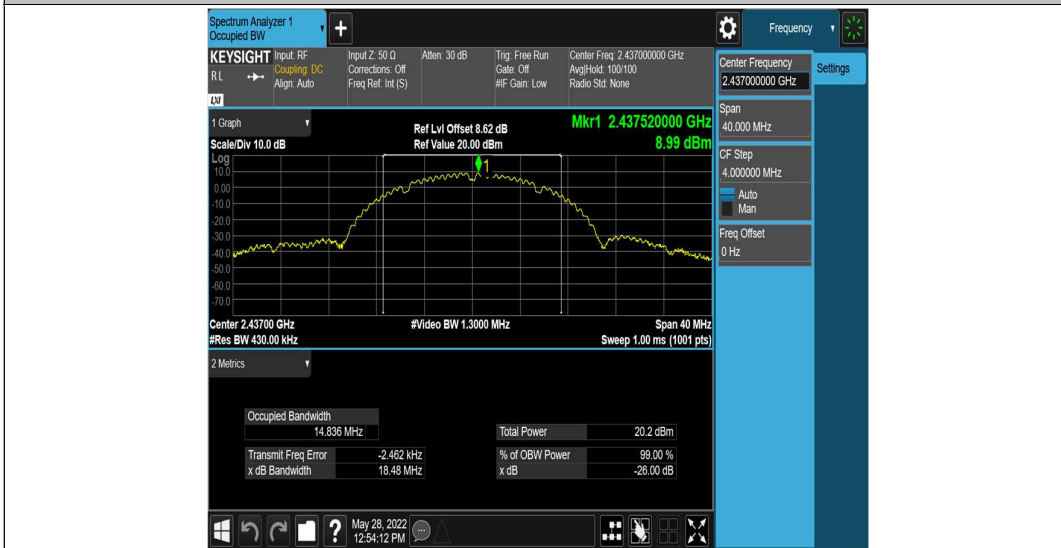
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.844	2404.601	2419.445	---	---
		2437	14.836	2429.580	2444.416	---	---
		2462	14.866	2454.530	2469.396	---	---
11G	Ant1	2412	17.074	2403.435	2420.509	---	---
		2437	16.945	2428.475	2445.420	---	---
		2462	17.050	2453.417	2470.467	---	---
11N20SISO	Ant1	2412	18.014	2402.971	2420.985	---	---
		2437	17.953	2428.012	2445.965	---	---
		2462	17.956	2452.980	2470.936	---	---
11N40SISO	Ant1	2422	35.970	2404.027	2439.997	---	---
		2437	35.965	2418.998	2454.963	---	---
		2452	35.947	2433.997	2469.944	---	---

Test Graphs



11B_Ant1_2412



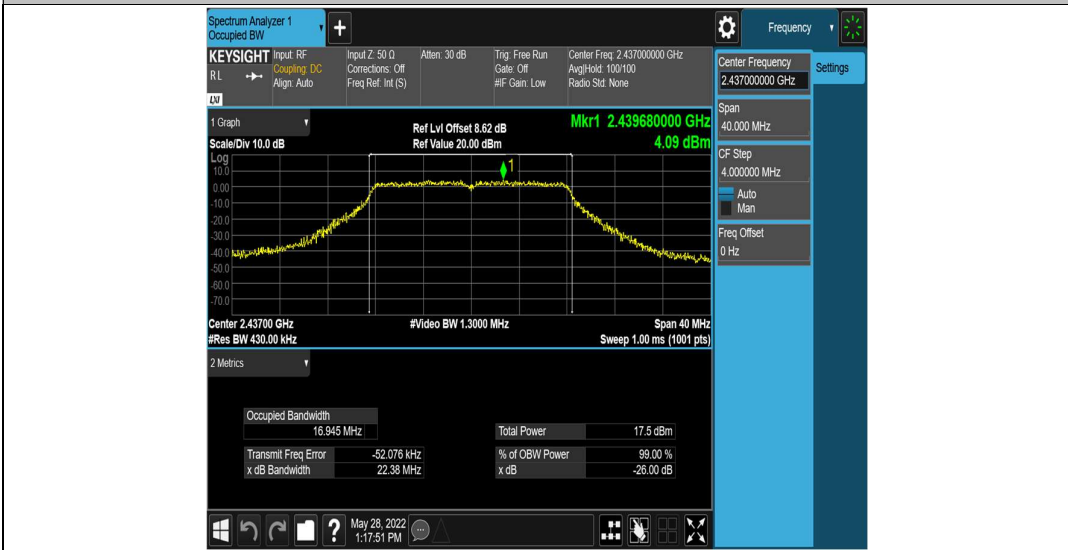
11B_Ant1_2437



11B_Ant1_2462



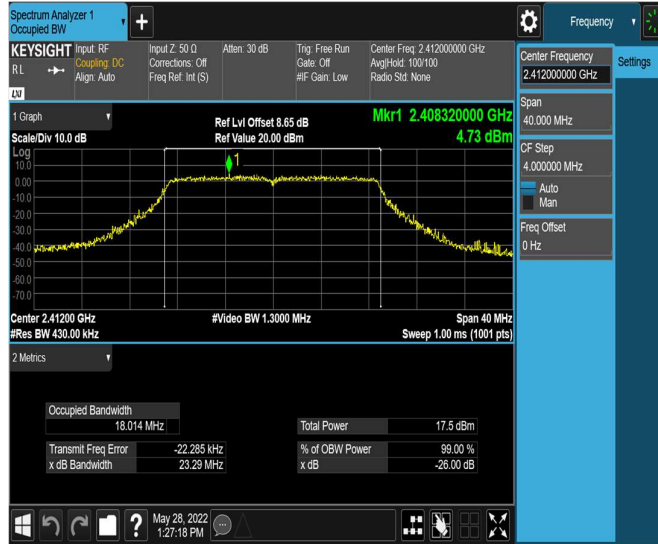
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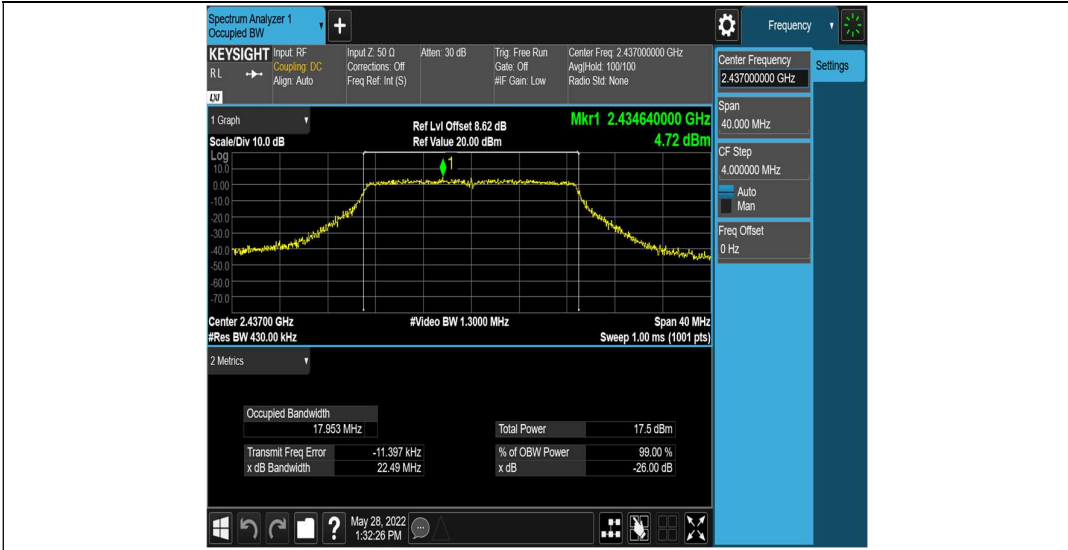
11G_Ant1_2437



11G_Ant1_2462



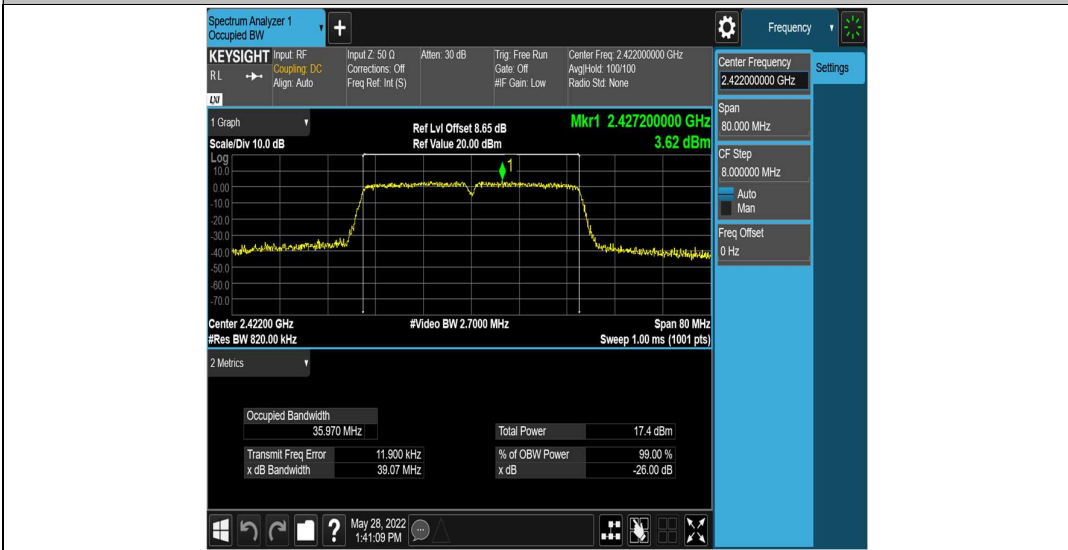
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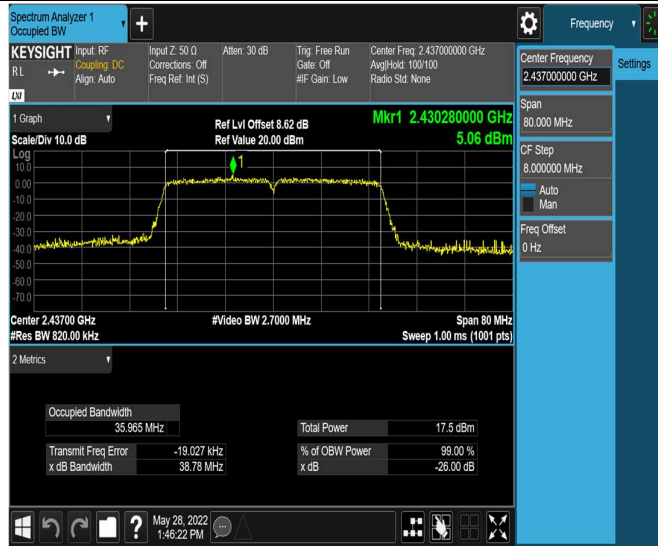
11N20SISO_Ant1_2437



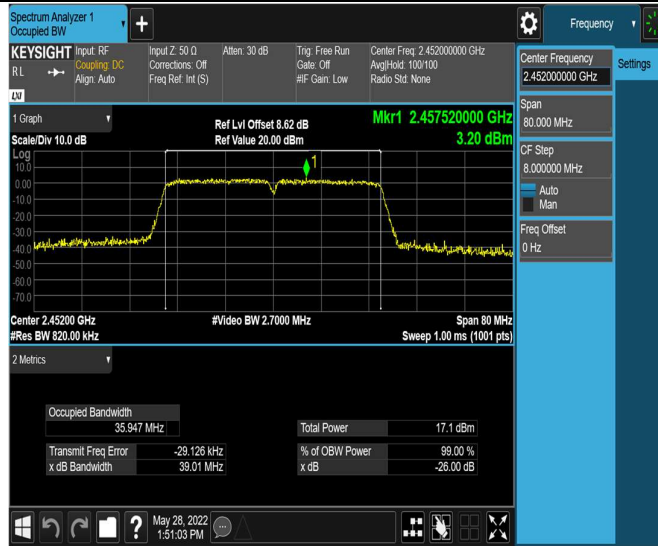
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Frequency[MHz]	AV Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	17.47	≤30.00	PASS
		2437	17.36	≤30.00	PASS
		2462	16.76	≤30.00	PASS
11G	Ant1	2412	12.10	≤30.00	PASS
		2437	11.91	≤30.00	PASS
		2462	11.29	≤30.00	PASS
11N20SISO	Ant1	2412	11.88	≤30.00	PASS
		2437	12.05	≤30.00	PASS
		2462	11.23	≤30.00	PASS
11N40SISO	Ant1	2422	11.56	≤30.00	PASS
		2437	11.71	≤30.00	PASS
		2452	11.23	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.83	≤8.00	PASS
		2437	-14.27	≤8.00	PASS
		2462	-14.69	≤8.00	PASS
11G	Ant1	2412	-21.71	≤8.00	PASS
		2437	-22.32	≤8.00	PASS
		2462	-22.54	≤8.00	PASS
11N20SISO	Ant1	2412	-22.27	≤8.00	PASS
		2437	-22.26	≤8.00	PASS
		2462	-22.46	≤8.00	PASS
11N40SISO	Ant1	2422	-25.88	≤8.00	PASS
		2437	-25.43	≤8.00	PASS
		2452	-26.22	≤8.00	PASS

Test Graphs



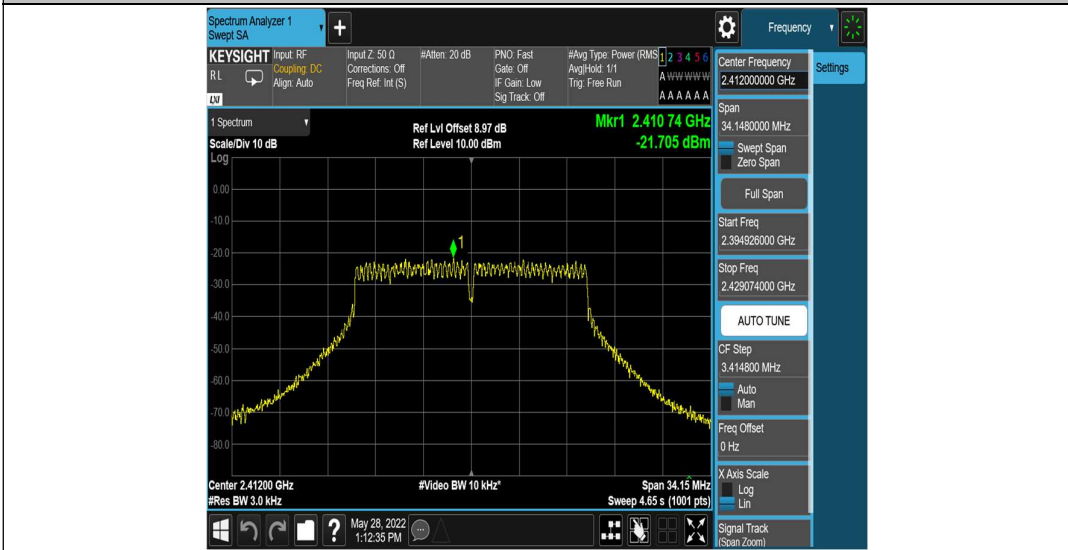
11B_Ant1_2412



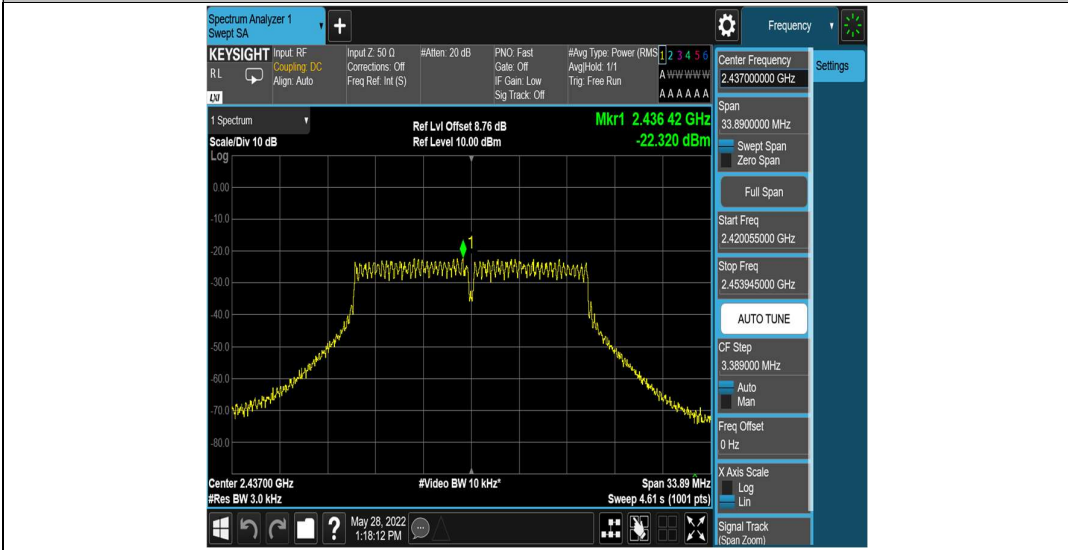
11B_Ant1_2437



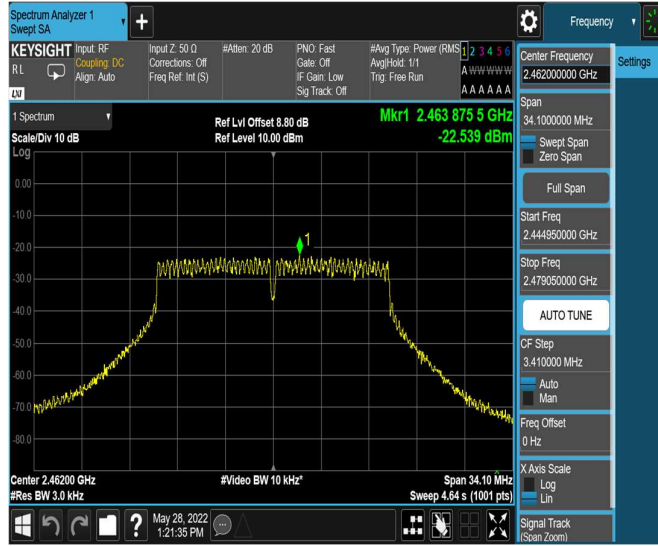
11B_Ant1_2462



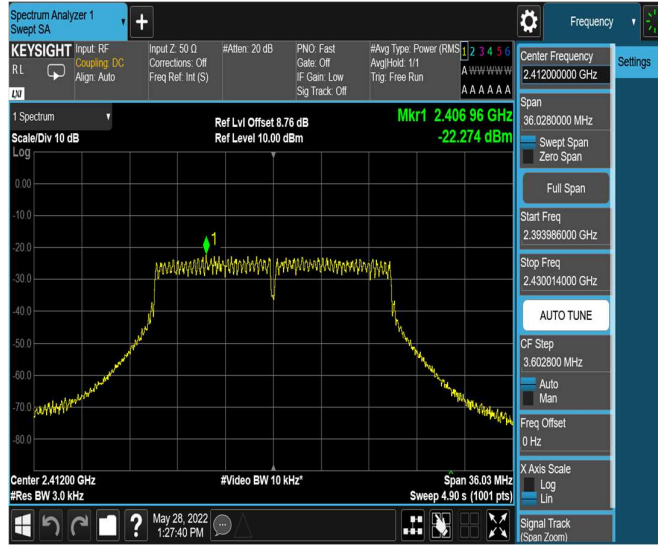
11G_Ant1_2412



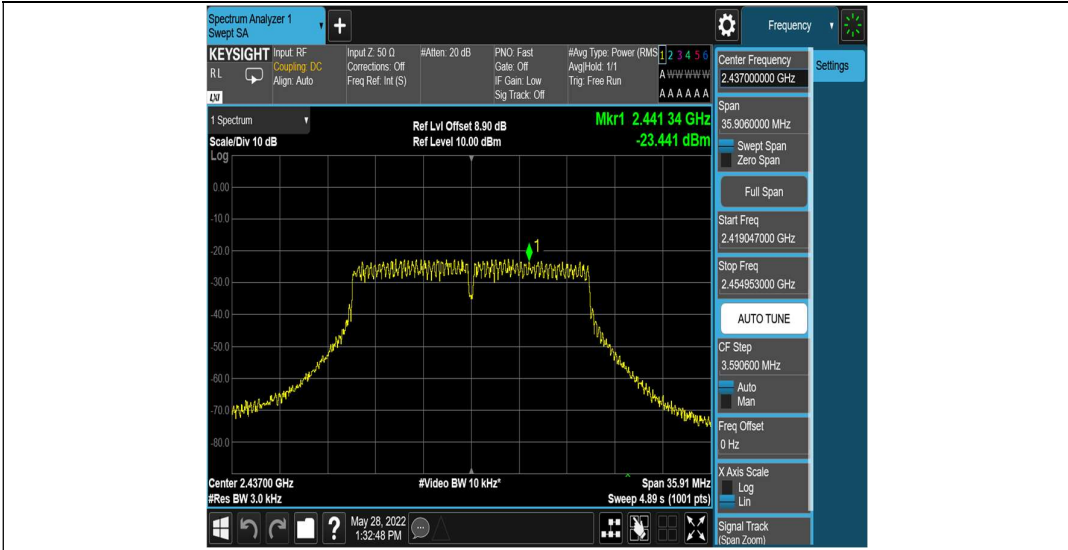
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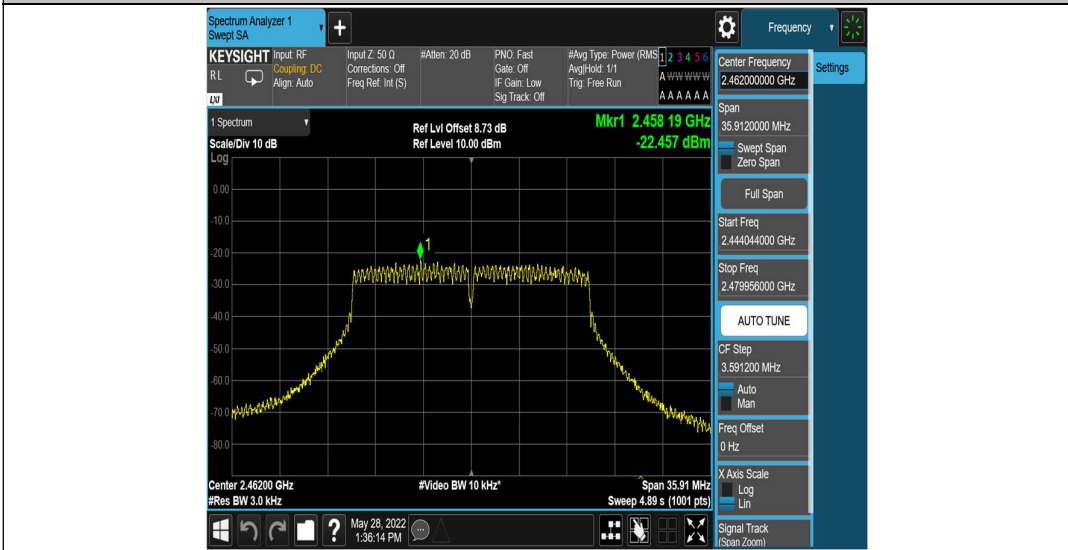
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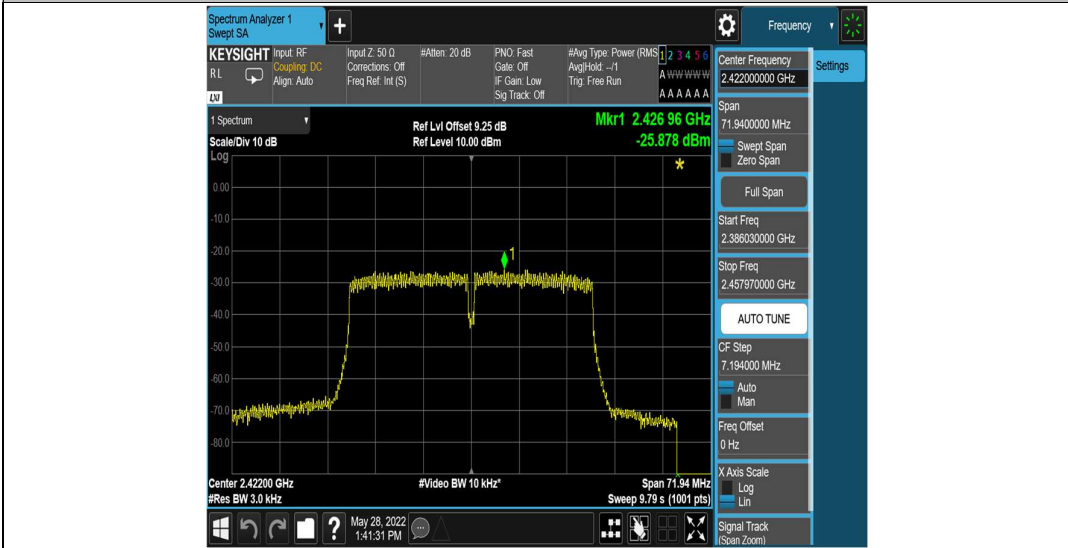
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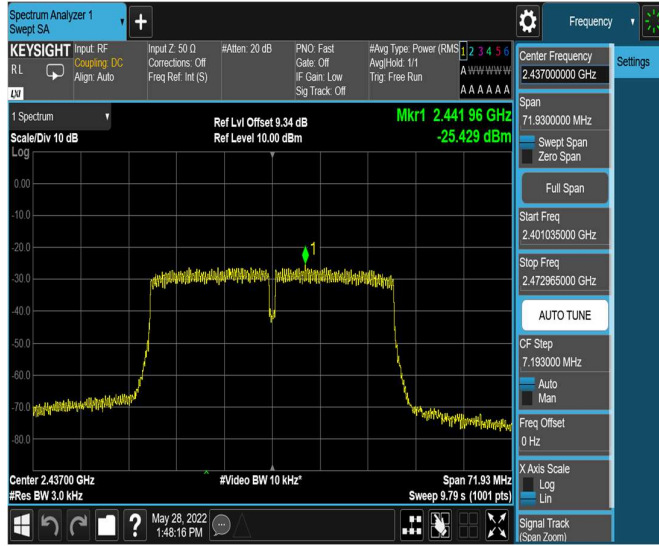
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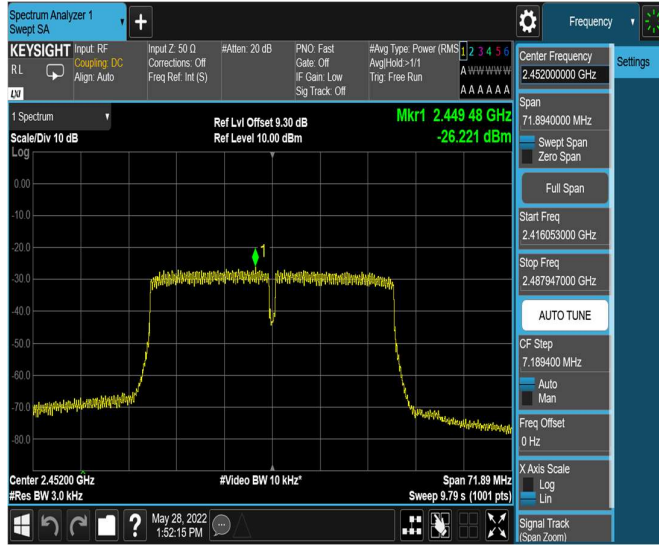
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2410.99	8.72
		2437	2436.49	8.51
		2462	2461.49	7.82
11G	Ant1	2412	2413.25	0.92
		2437	2431.98	0.61
		2462	2463.25	0.22
11N20SISO	Ant1	2412	2413.26	1.05
		2437	2438.24	0.93
		2462	2463.24	-0.03
11N40SISO	Ant1	2422	2425.77	-2.60
		2437	2439.48	-2.61
		2452	2446.97	-2.95

Test Graphs



11B_Ant1_2412



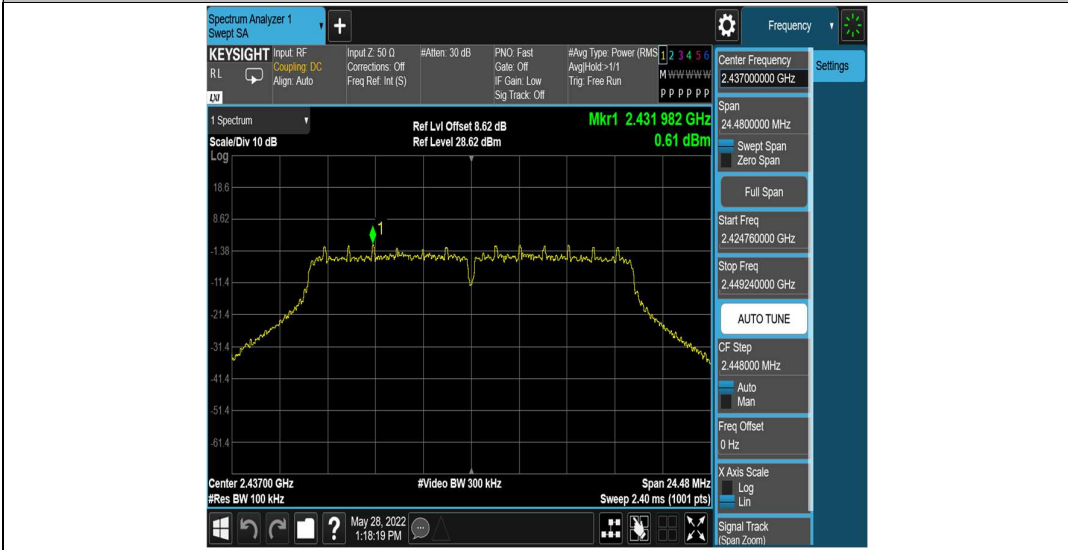
11B_Ant1_2437



11B_Ant1_2462



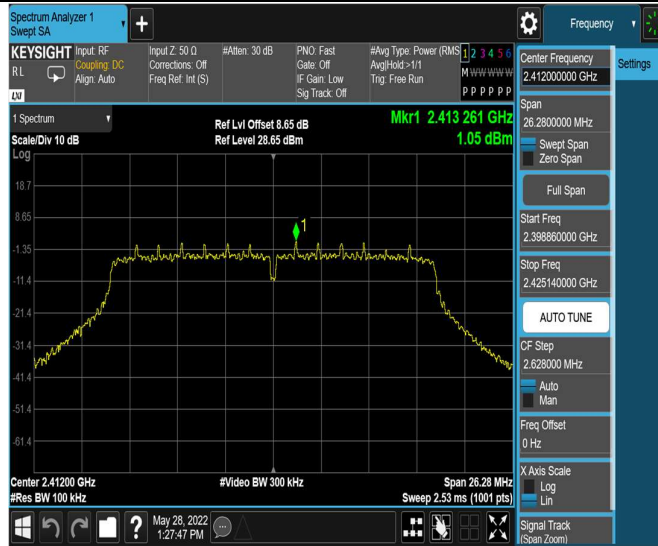
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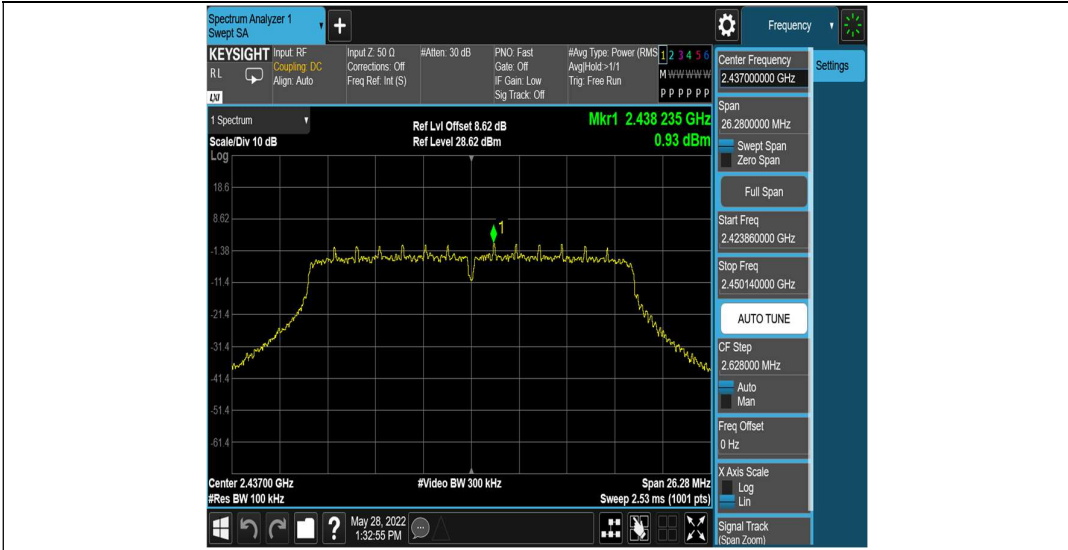
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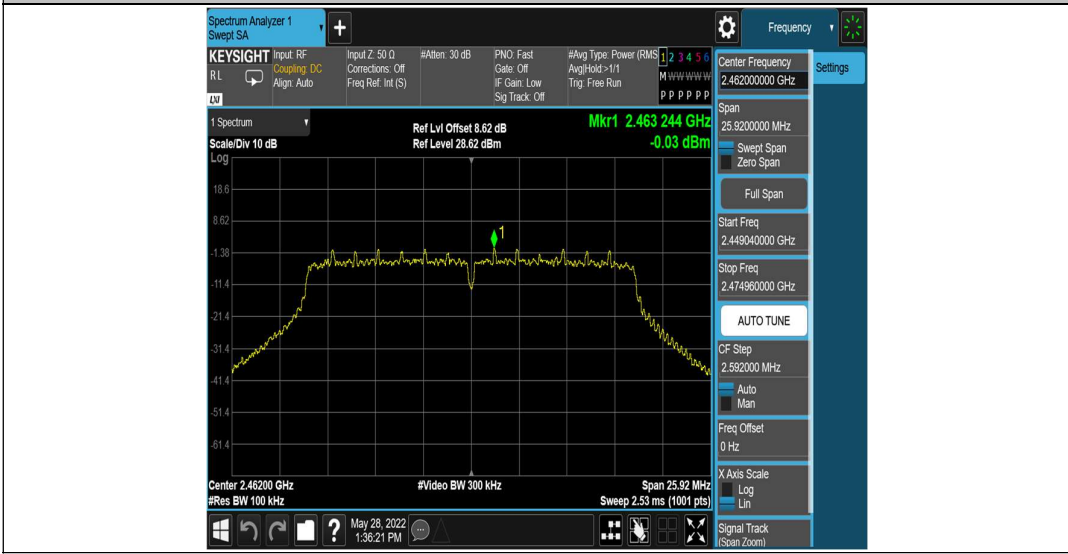
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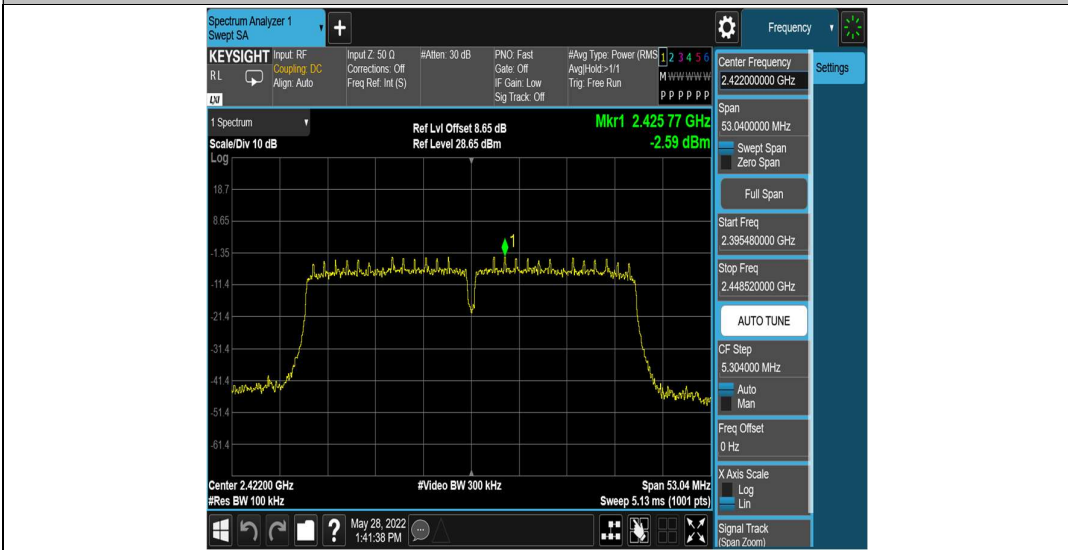
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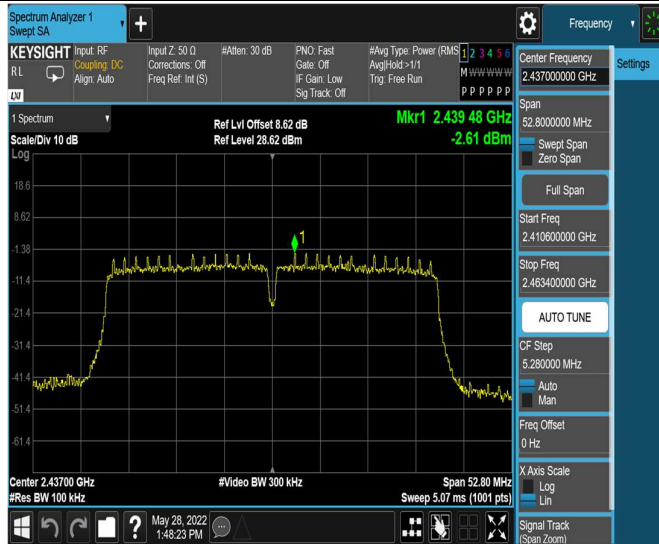
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452