

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.080	2407.440	2416.520	0.5	PASS
		2437	9.080	2432.440	2441.520	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	16.120	2429.040	2445.160	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SI SO	Ant1	2412	17.320	2403.440	2420.760	0.5	PASS
		2437	17.320	2428.440	2445.760	0.5	PASS
		2462	17.160	2453.600	2470.760	0.5	PASS
11N40SI SO	Ant1	2422	35.360	2404.400	2439.760	0.5	PASS
		2437	35.120	2419.400	2454.520	0.5	PASS
		2452	35.360	2434.400	2469.760	0.5	PASS

Test Graphs



11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



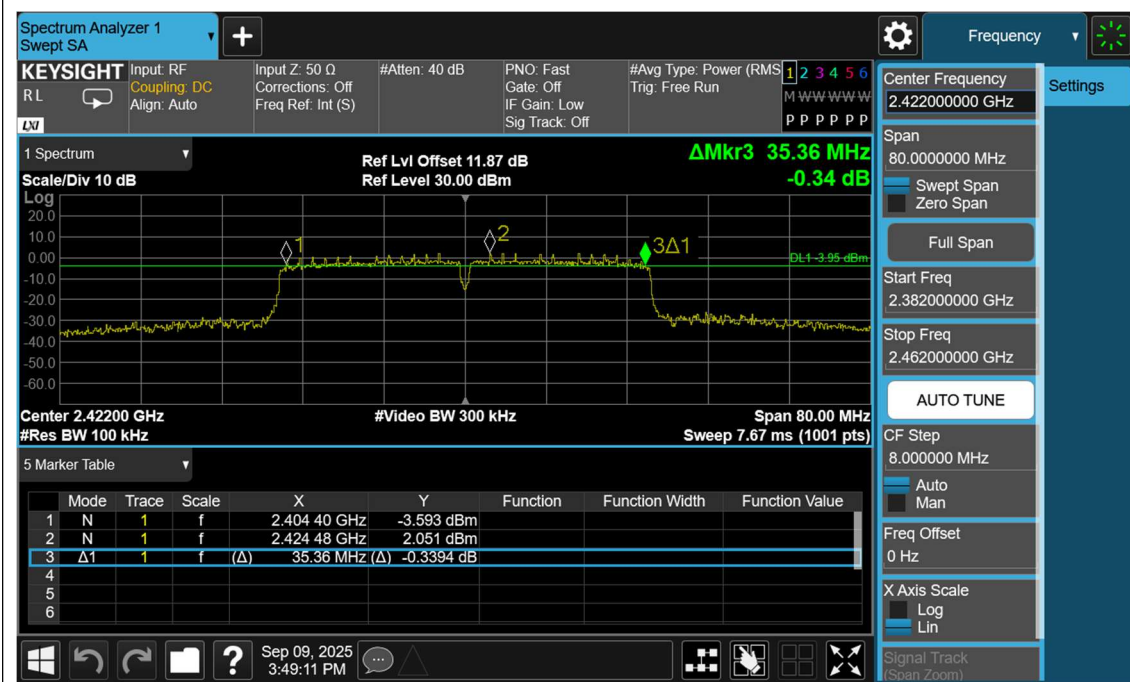
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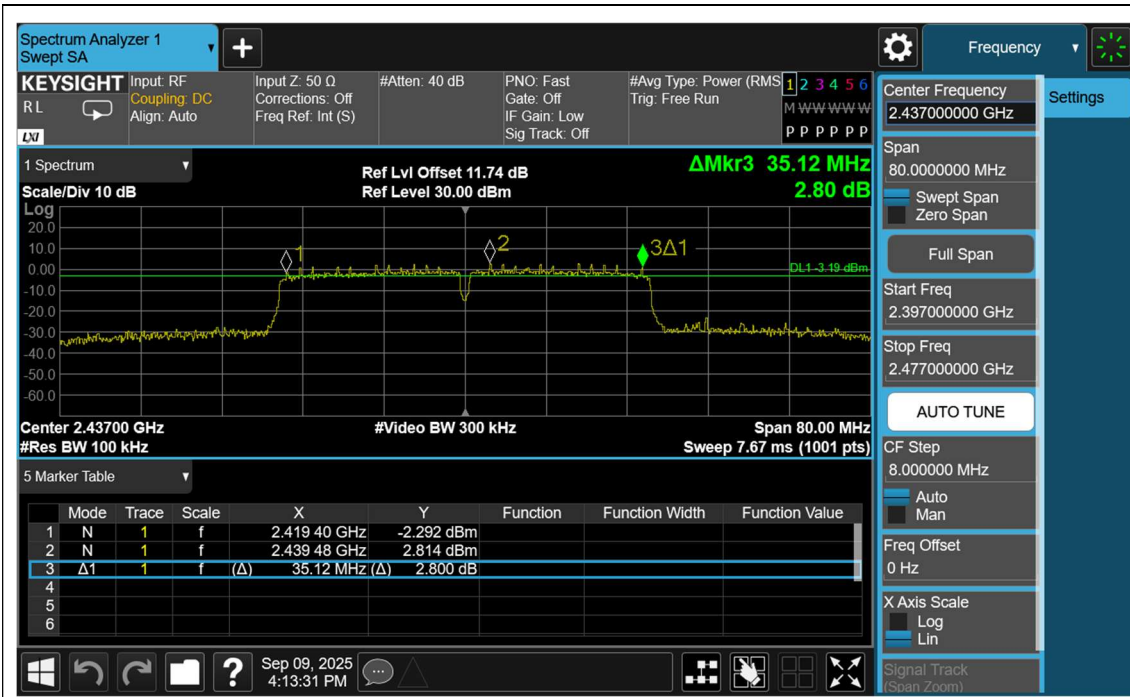
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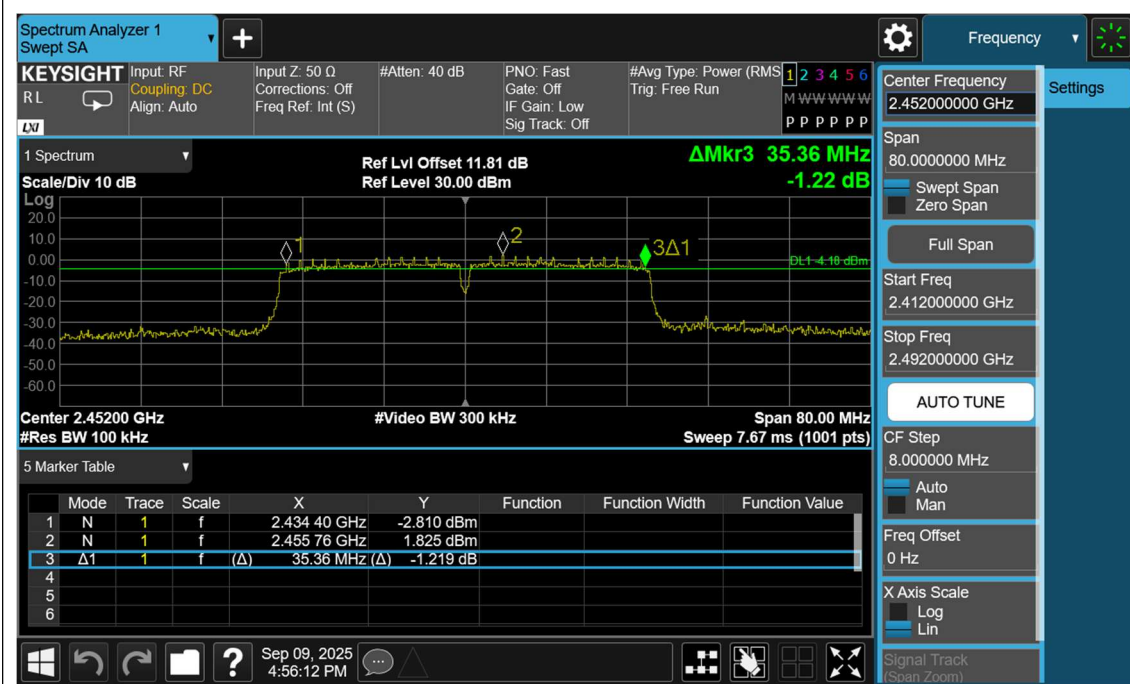
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



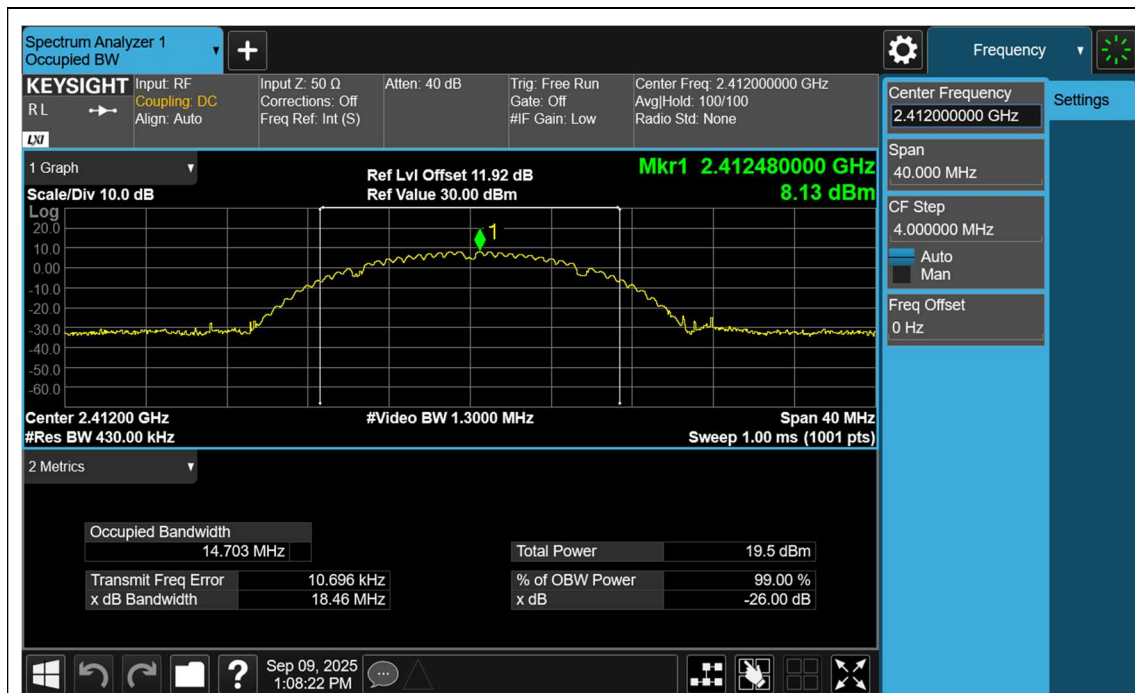
11N40SISO_Ant1_2452

Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.703	2404.6592	2419.3622	---	---
		2437	14.669	2429.6847	2444.3537	---	---
		2462	14.665	2454.6548	2469.3198	---	---
11G	Ant1	2412	17.206	2403.4192	2420.6252	---	---
		2437	17.721	2428.3079	2446.0289	---	---
		2462	18.051	2453.0138	2471.0648	---	---
11N20SIS O	Ant1	2412	18.248	2402.9070	2421.1550	---	---
		2437	18.459	2427.8703	2446.3293	---	---
		2462	18.539	2452.7383	2471.2773	---	---
11N40SIS O	Ant1	2422	36.098	2404.0146	2440.1126	---	---
		2437	36.201	2418.9357	2455.1367	---	---
		2452	36.085	2433.9959	2470.0809	---	---

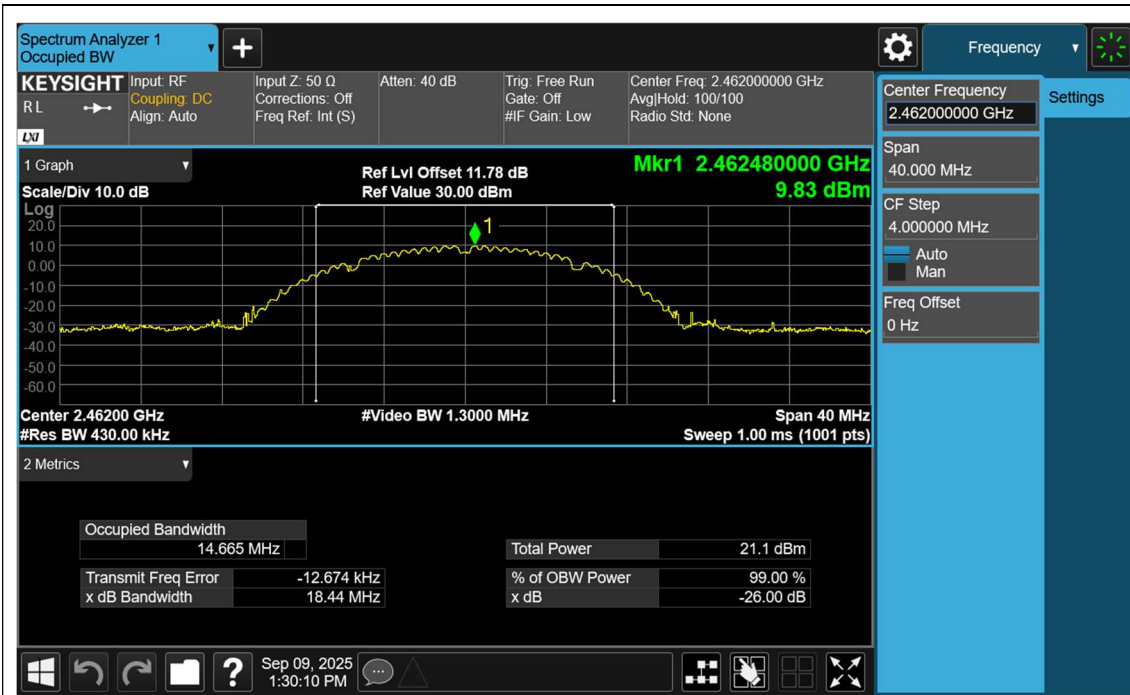
Test Graphs



11B_Ant1_2412



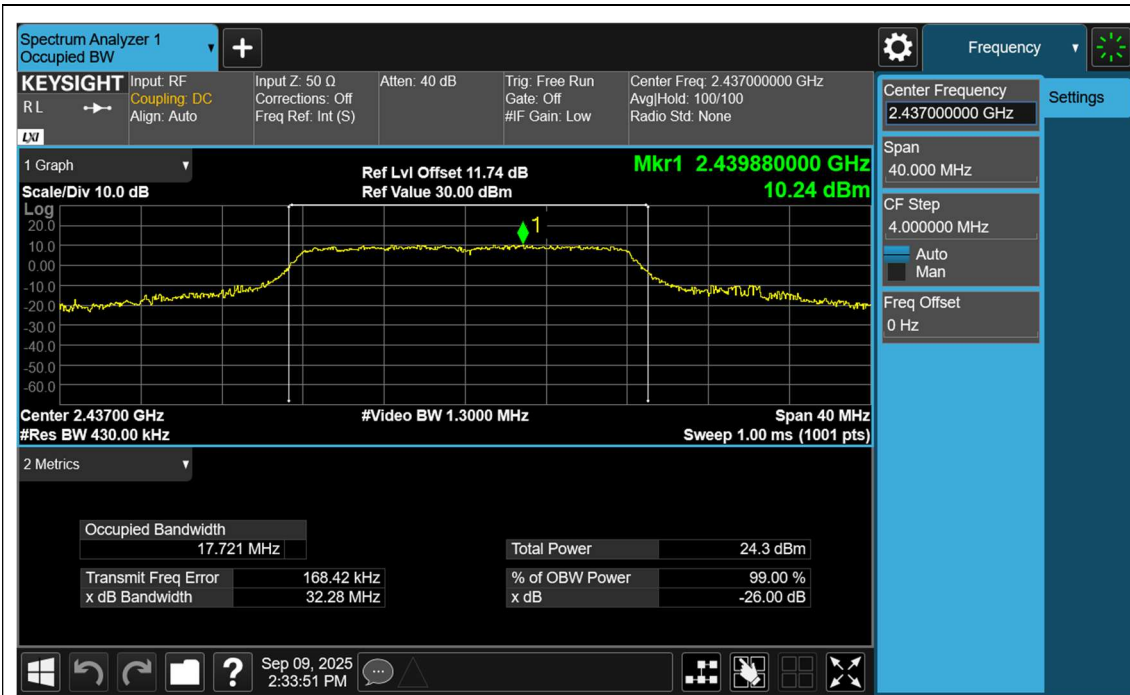
11B_Ant1_2437



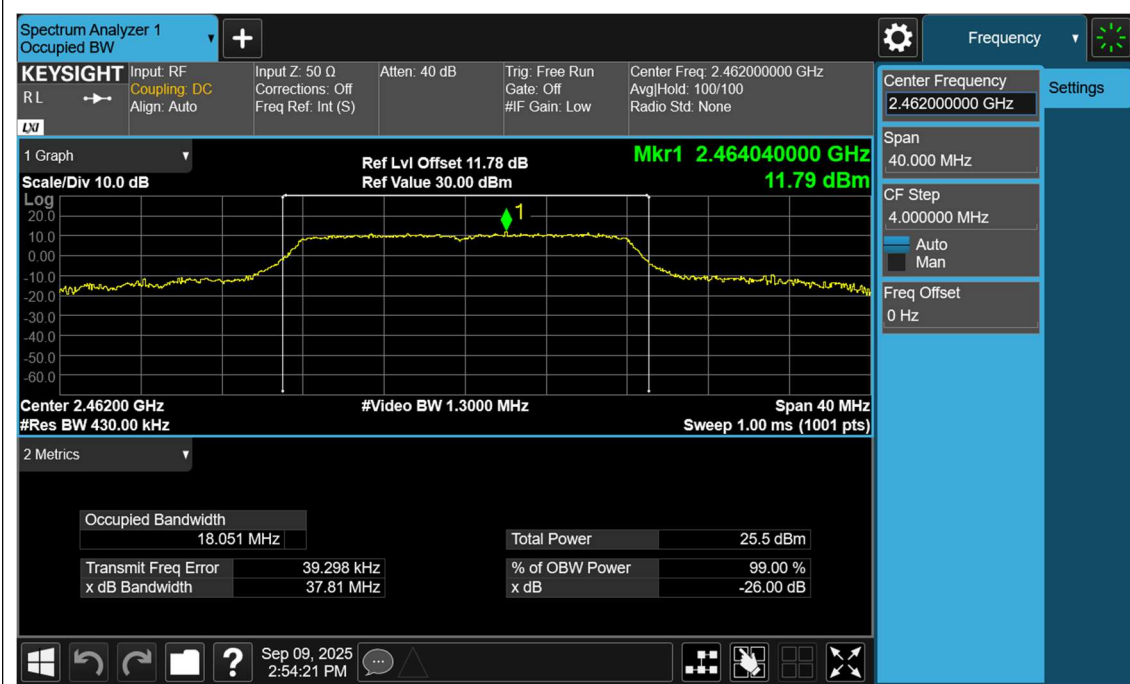
11B_Ant1_2462



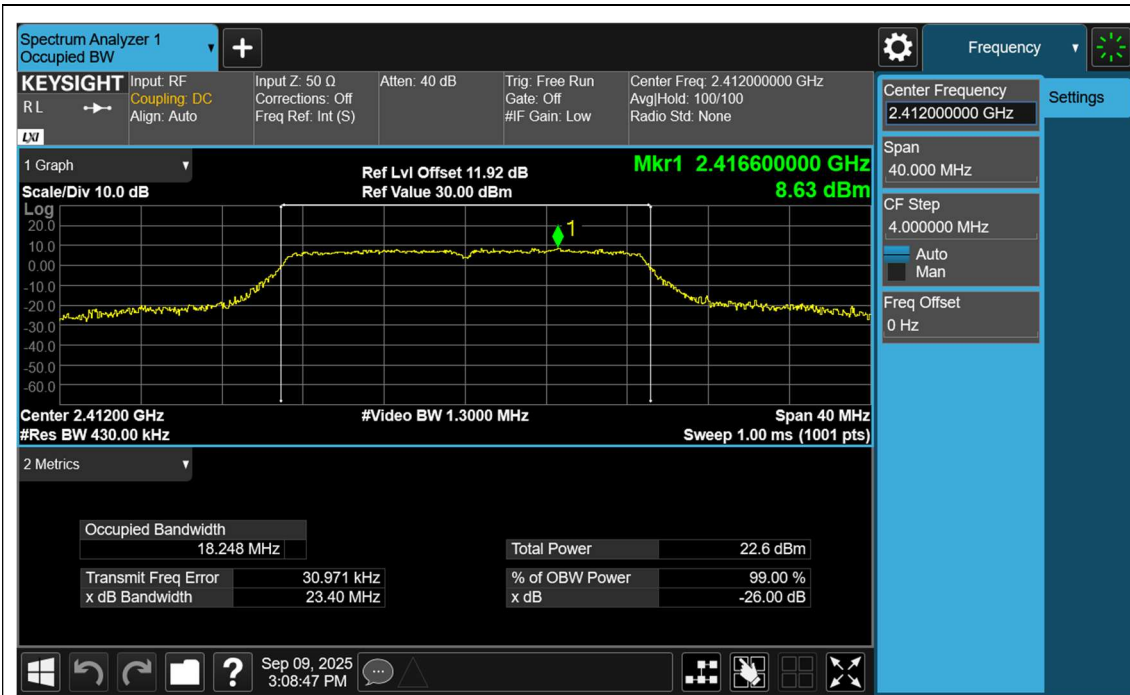
11G_Ant1_2412



11G_Ant1_2437



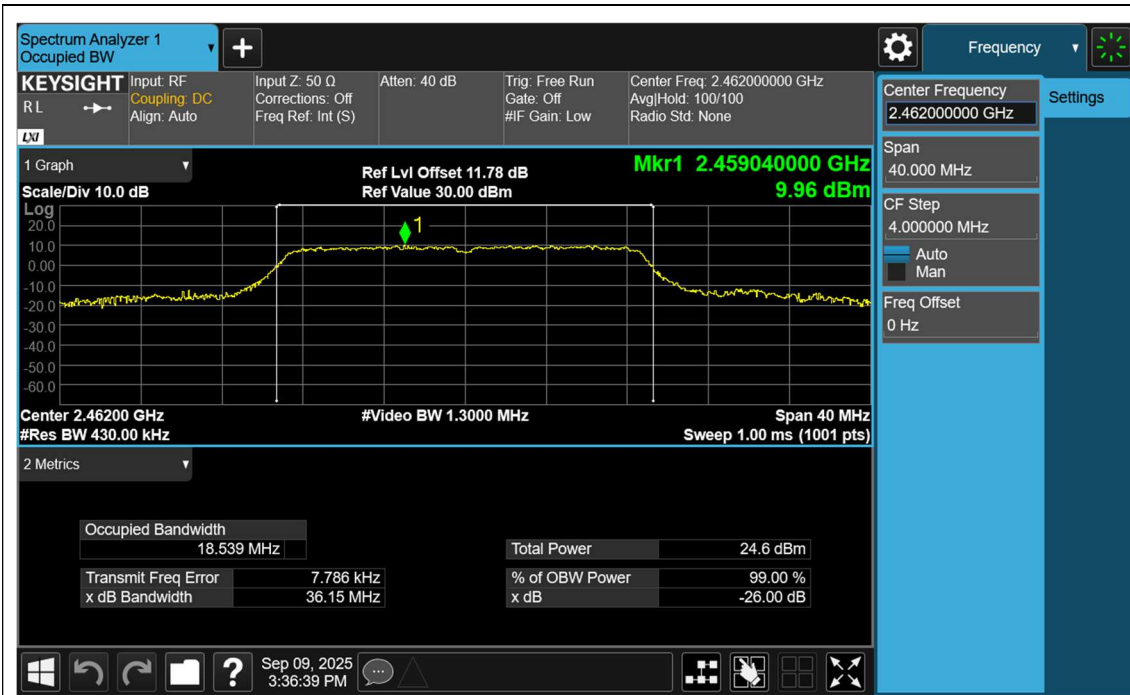
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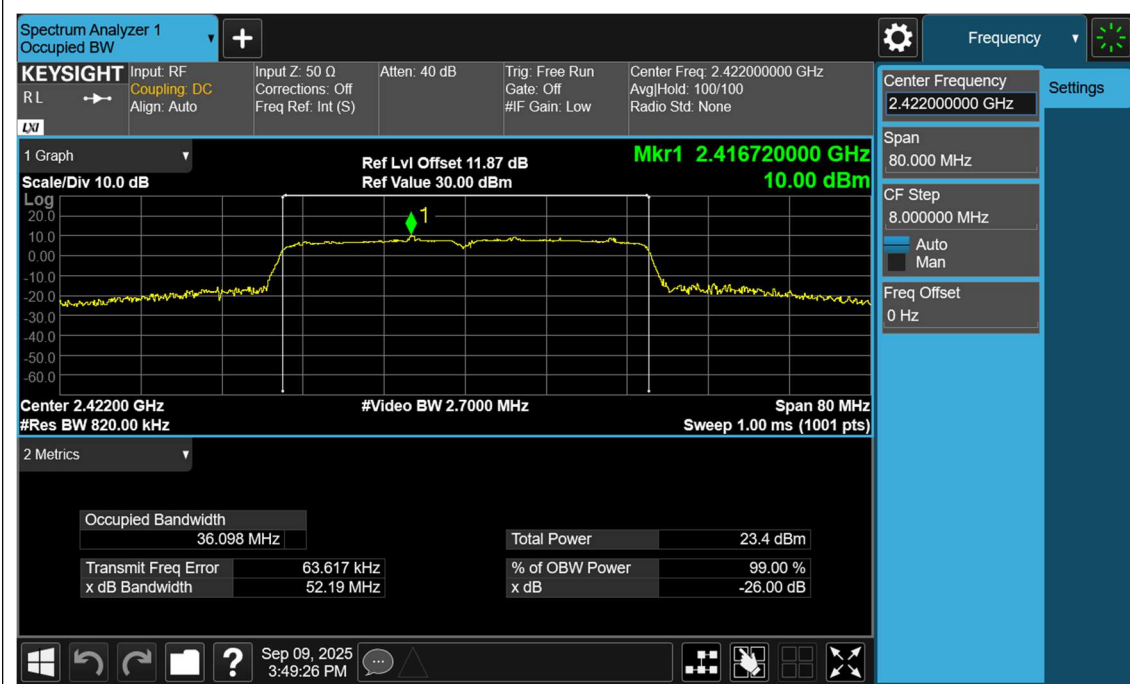
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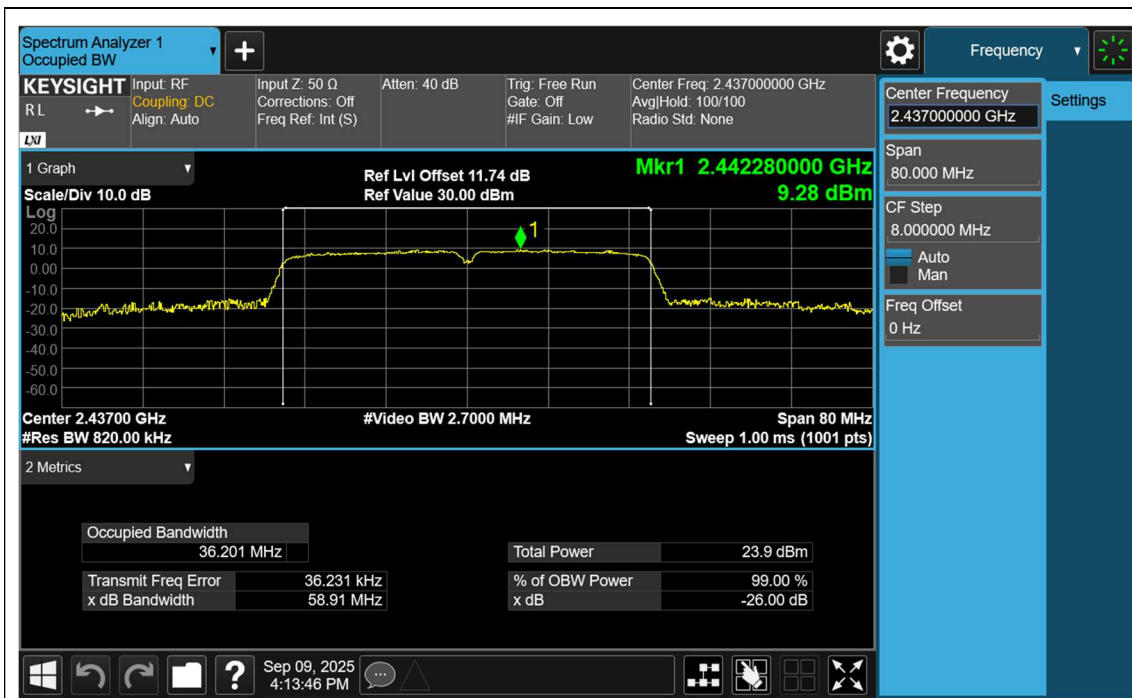
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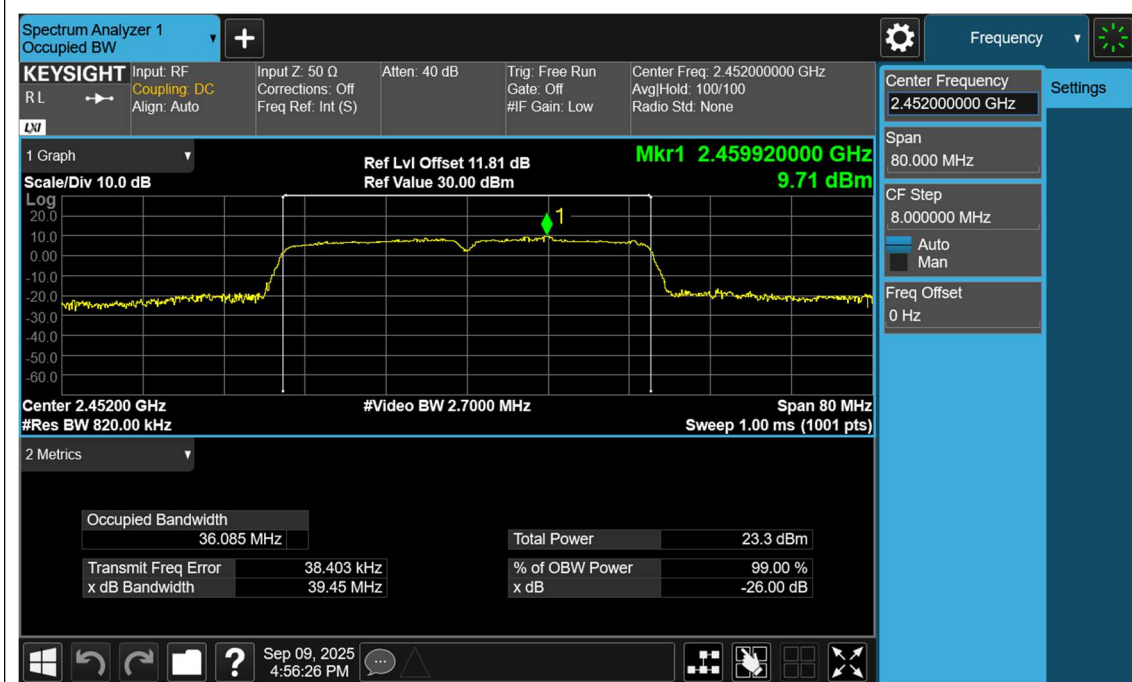
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	100.00	0.00	16.40	≤30.00	2.27	18.67	≤36.00	PASS
		2437	98.96	0.05	16.86	≤30.00	2.27	19.13	≤36.00	PASS
		2462	98.96	0.05	18.00	≤30.00	2.27	20.27	≤36.00	PASS
11G	Ant1	2412	94.09	0.26	17.49	≤30.00	2.27	19.76	≤36.00	PASS
		2437	94.06	0.27	17.55	≤30.00	2.27	19.82	≤36.00	PASS
		2462	94.09	0.26	18.52	≤30.00	2.27	20.79	≤36.00	PASS
11N20SI SO	Ant1	2412	93.66	0.28	15.98	≤30.00	2.27	18.25	≤36.00	PASS
		2437	93.66	0.28	16.01	≤30.00	2.27	18.28	≤36.00	PASS
		2462	93.66	0.28	17.53	≤30.00	2.27	19.80	≤36.00	PASS
11N40SI SO	Ant1	2422	87.85	0.56	15.93	≤30.00	2.27	18.20	≤36.00	PASS
		2437	87.96	0.56	16.63	≤30.00	2.27	18.90	≤36.00	PASS
		2452	88.79	0.52	15.78	≤30.00	2.27	18.05	≤36.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.99	≤8.00	PASS
		2437	-11.05	≤8.00	PASS
		2462	-13.65	≤8.00	PASS
11G	Ant1	2412	-13.94	≤8.00	PASS
		2437	-14.23	≤8.00	PASS
		2462	-13.08	≤8.00	PASS
11N20SISO	Ant1	2412	-14.88	≤8.00	PASS
		2437	-15.42	≤8.00	PASS
		2462	-14.09	≤8.00	PASS
11N40SISO	Ant1	2422	-17.39	≤8.00	PASS
		2437	-15.11	≤8.00	PASS
		2452	-17.73	≤8.00	PASS

Test Graphs



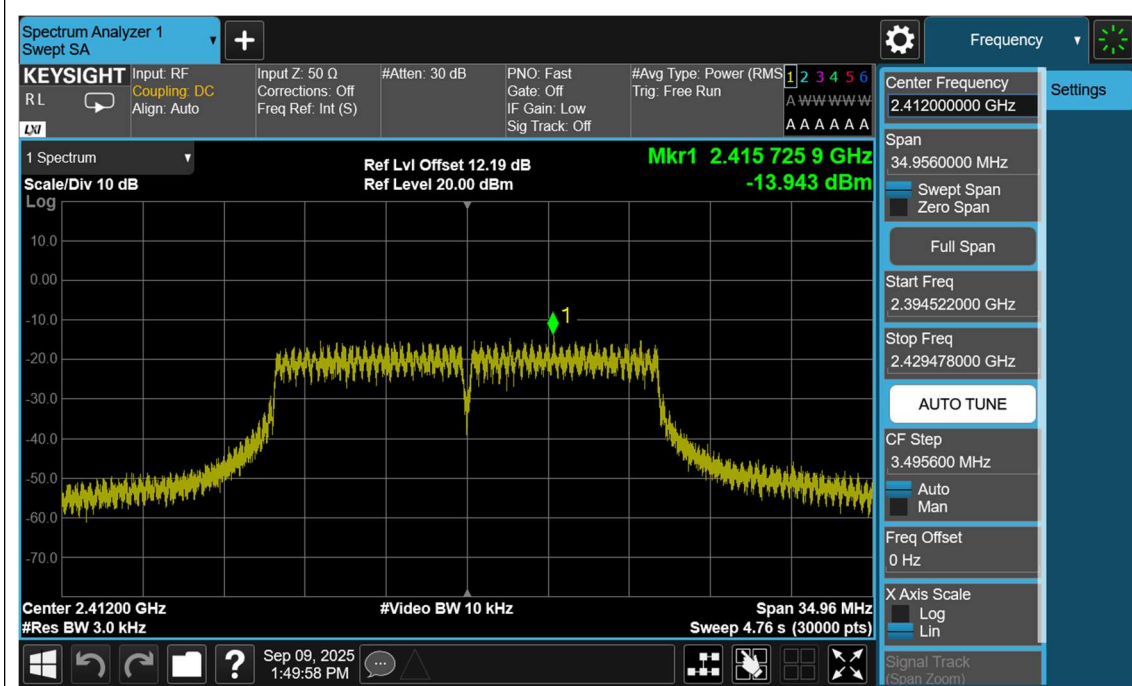
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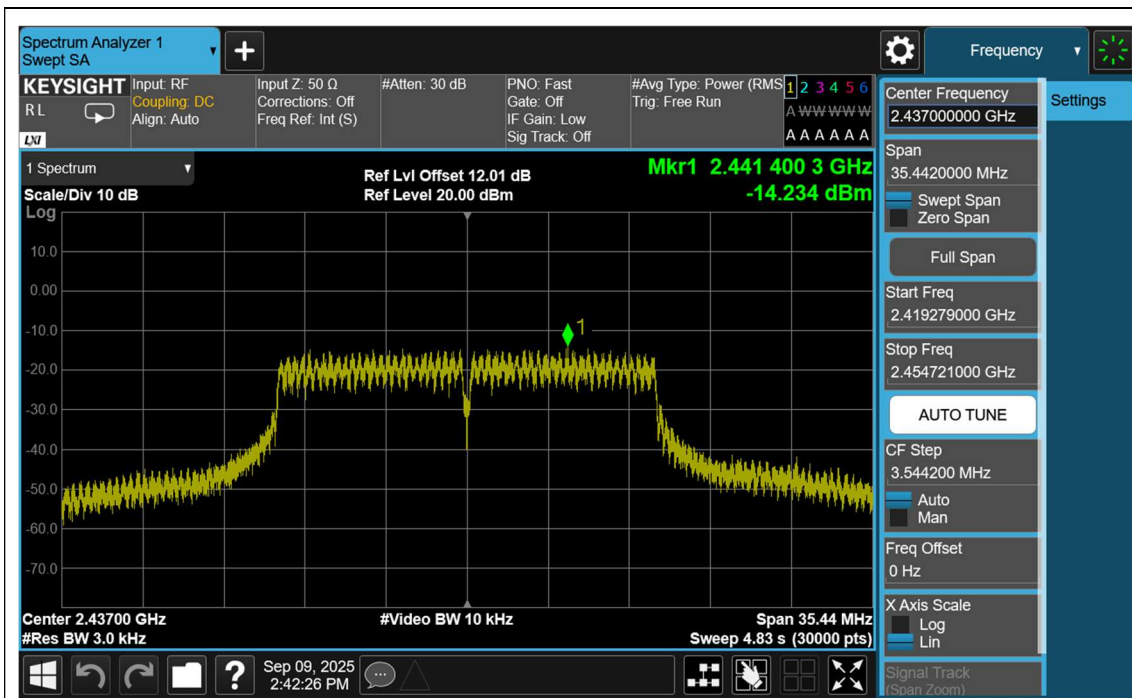
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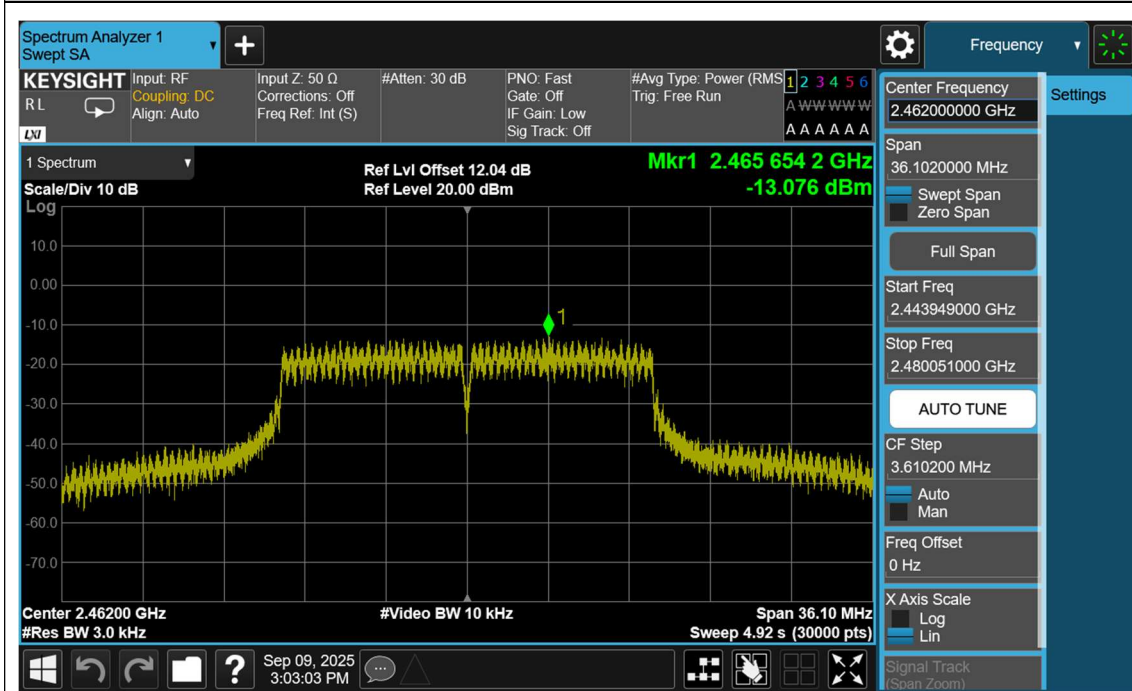
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462