

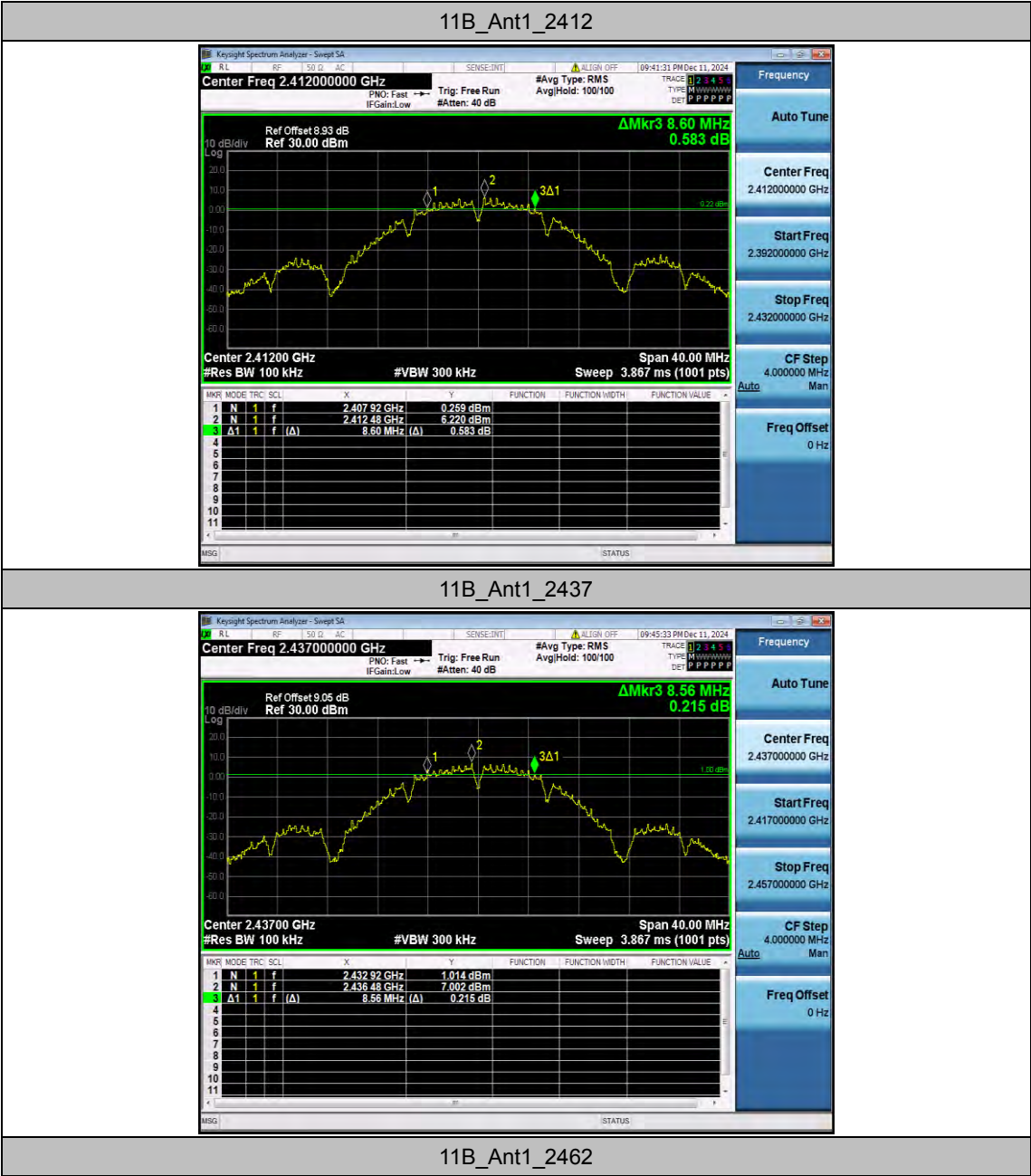
Case No. : <u>GTS20241101002-1-03</u>	
Ambient Condition: <u>23</u> °C, <u>49</u> %RH,	
Test Date: <u>2024.12.10</u>	Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.600	2407.920	2416.520	0.5	PASS
		2437	8.560	2432.920	2441.480	0.5	PASS
		2462	8.560	2457.480	2466.040	0.5	PASS
11G	Ant1	2412	15.520	2404.480	2420.000	0.5	PASS
		2437	16.280	2428.840	2445.120	0.5	PASS
		2462	15.440	2454.080	2469.520	0.5	PASS
11N20SISO	Ant1	2412	16.960	2403.480	2420.440	0.5	PASS
		2437	16.920	2428.480	2445.400	0.5	PASS
		2462	15.920	2453.600	2469.520	0.5	PASS
11N40SISO	Ant1	2422	35.440	2404.480	2439.920	0.5	PASS
		2437	35.120	2419.400	2454.520	0.5	PASS
		2452	34.720	2434.400	2469.120	0.5	PASS
11AX20SISO	Ant1	2412	18.480	2402.880	2421.360	0.5	PASS
		2437	18.360	2427.840	2446.200	0.5	PASS
		2462	16.640	2453.800	2470.440	0.5	PASS
11AX40SISO	Ant1	2422	36.240	2404.160	2440.400	0.5	PASS
		2437	36.320	2418.200	2454.520	0.5	PASS
		2452	36.320	2433.200	2469.520	0.5	PASS

Test Graphs





11G_Ant1_2412



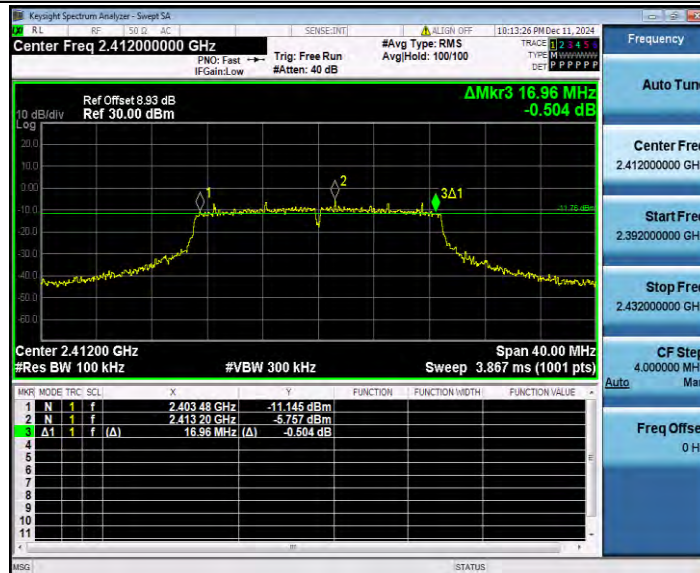
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



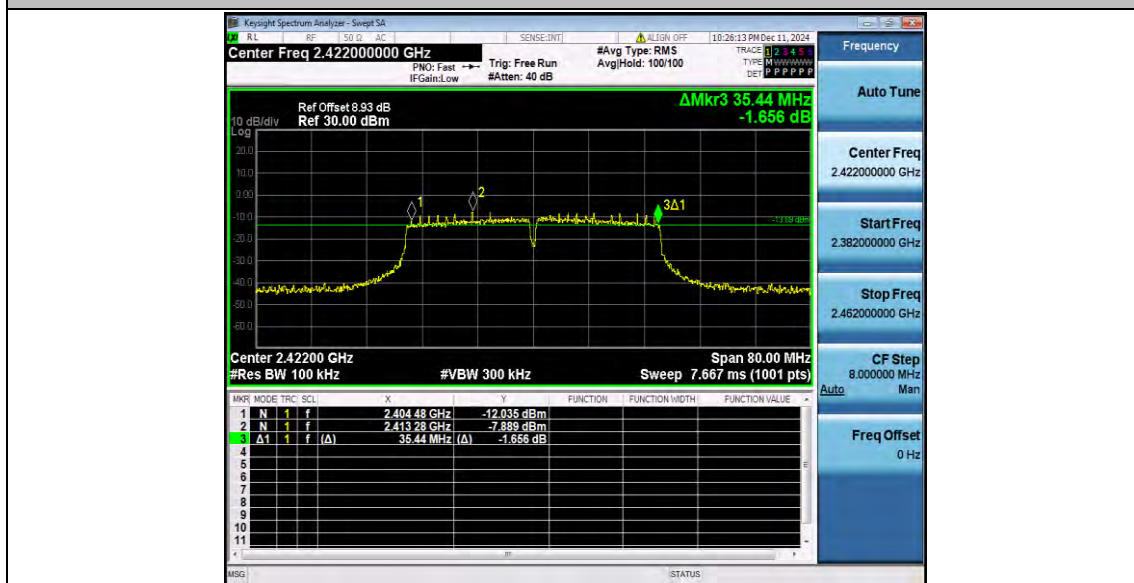
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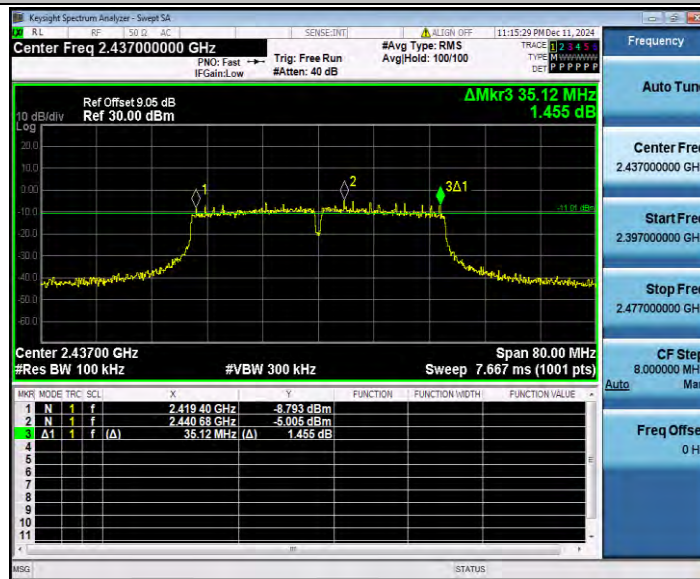
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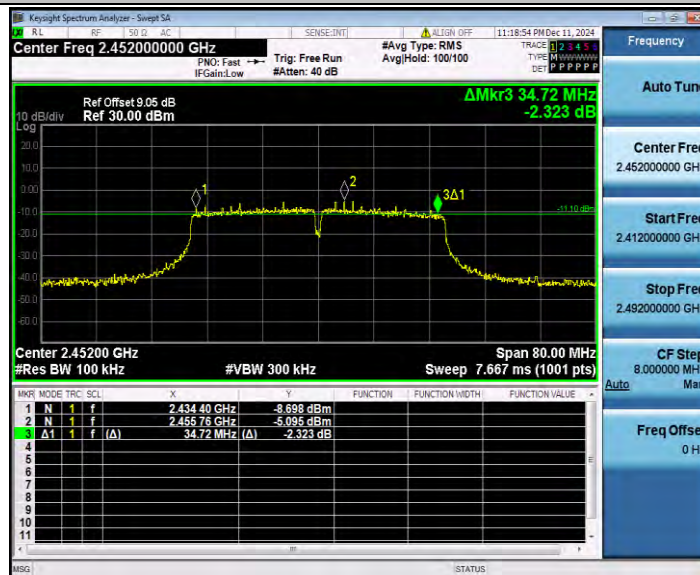
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



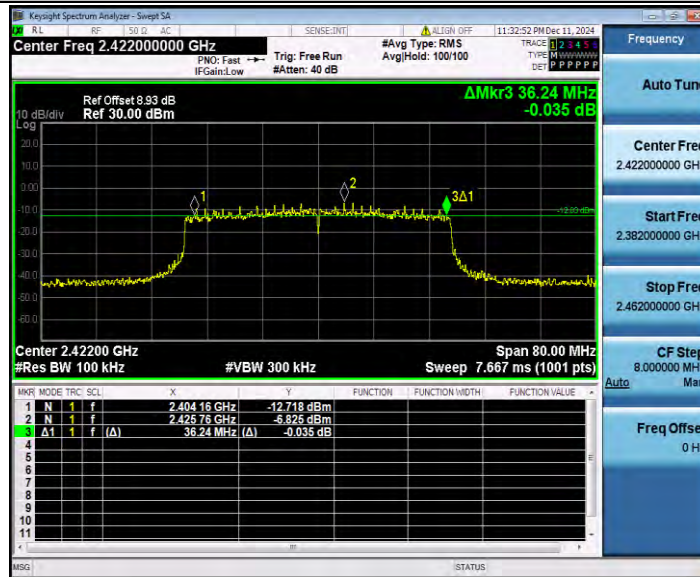
11AX20SISO_Ant1_2437



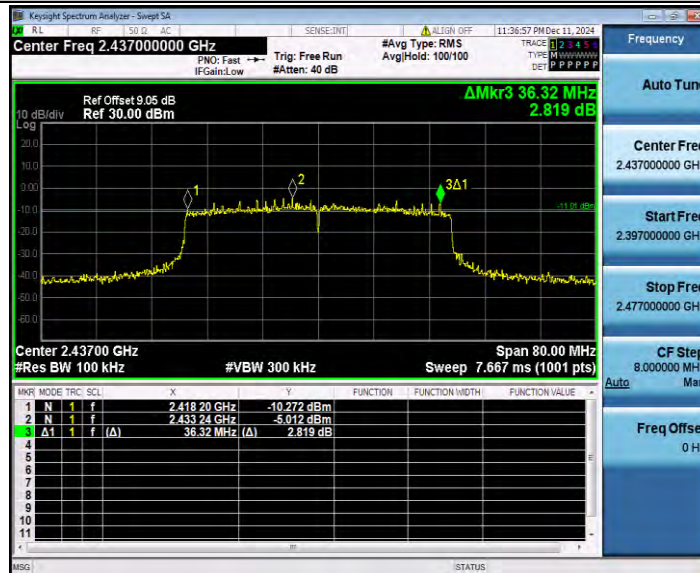
11AX20SISO_Ant1_2462



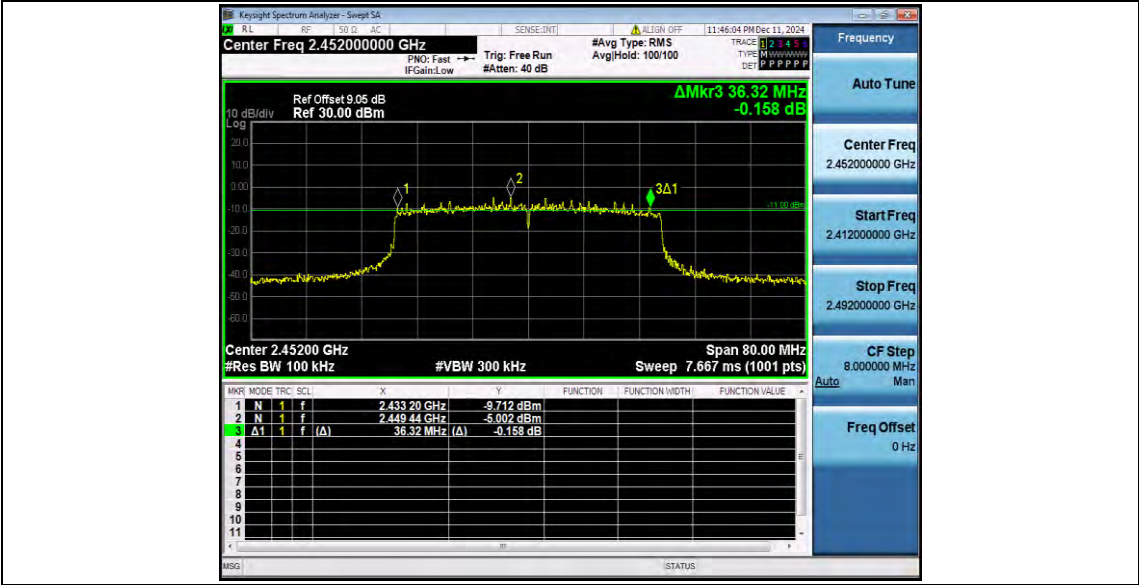
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



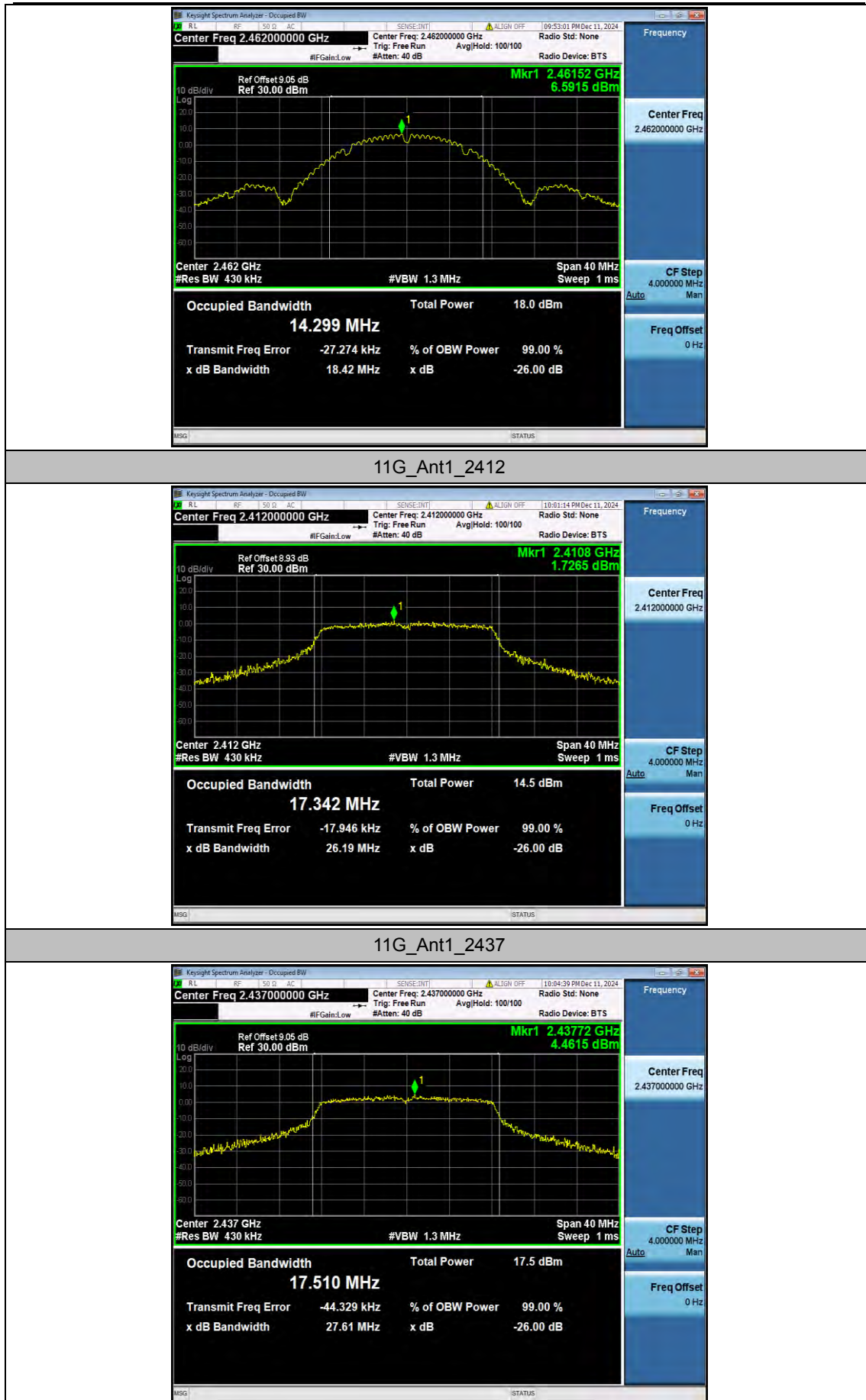
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.666	2404.7894	2419.4554	---	---
		2437	14.538	2429.7433	2444.2813	---	---
		2462	14.299	2454.8232	2469.1222	---	---
11G	Ant1	2412	17.342	2403.3111	2420.6531	---	---
		2437	17.510	2428.2007	2445.7107	---	---
		2462	17.558	2453.0980	2470.6560	---	---
11N20SISO	Ant1	2412	18.566	2402.7220	2421.2880	---	---
		2437	18.374	2427.8038	2446.1778	---	---
		2462	18.477	2452.6479	2471.1249	---	---
11N40SISO	Ant1	2422	36.678	2403.7398	2440.4178	---	---
		2437	36.621	2418.6778	2455.2988	---	---
		2452	36.751	2433.5854	2470.3364	---	---
11AX20SISO	Ant1	2412	19.169	2402.4195	2421.5885	---	---
		2437	19.247	2427.4139	2446.6609	---	---
		2462	19.248	2452.3544	2471.6024	---	---
11AX40SISO	Ant1	2422	38.022	2403.0126	2441.0346	---	---
		2437	38.106	2417.8801	2455.9861	---	---
		2452	37.991	2432.9538	2470.9448	---	---

Test Graphs

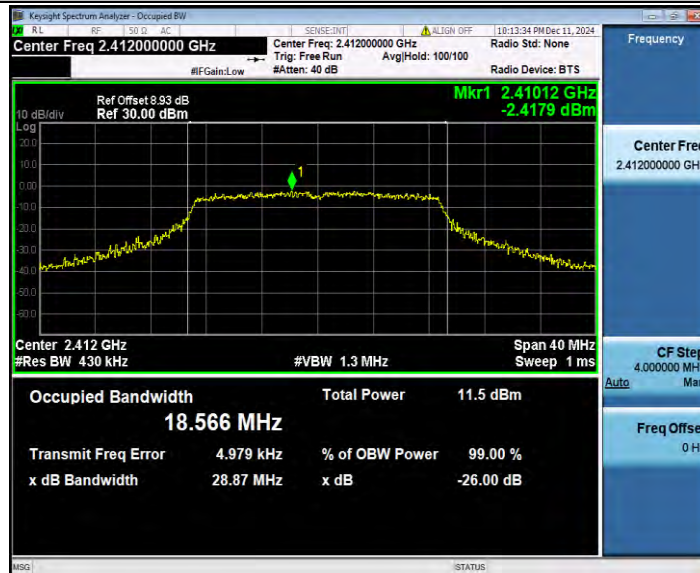




11G_Ant1_2462



11N20SISO_Ant1_2412



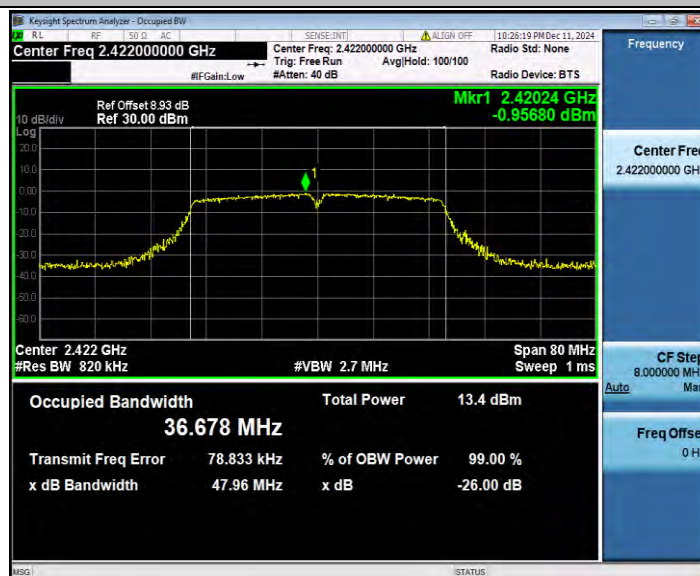
11N20SISO_Ant1_2437



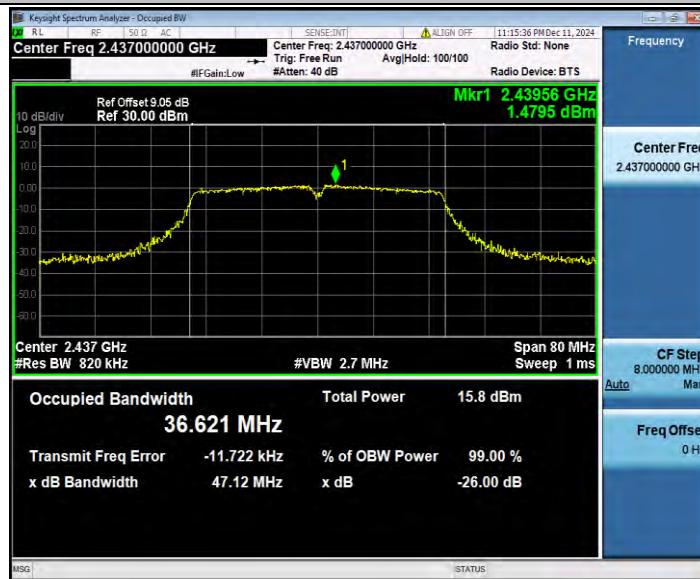
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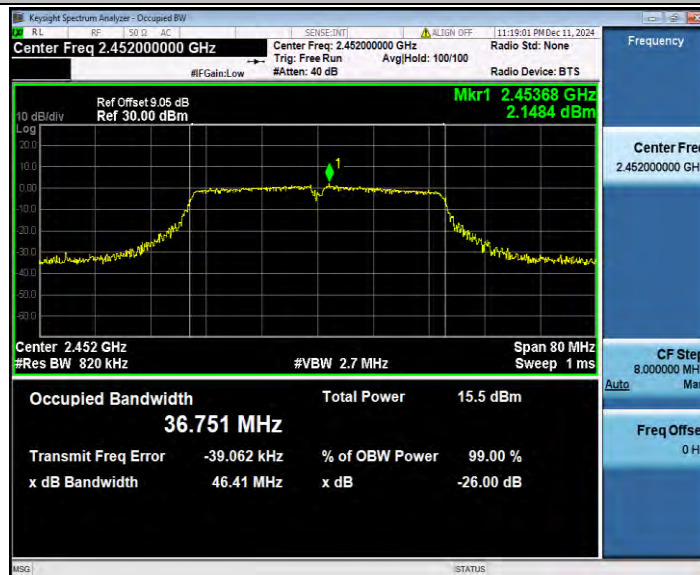
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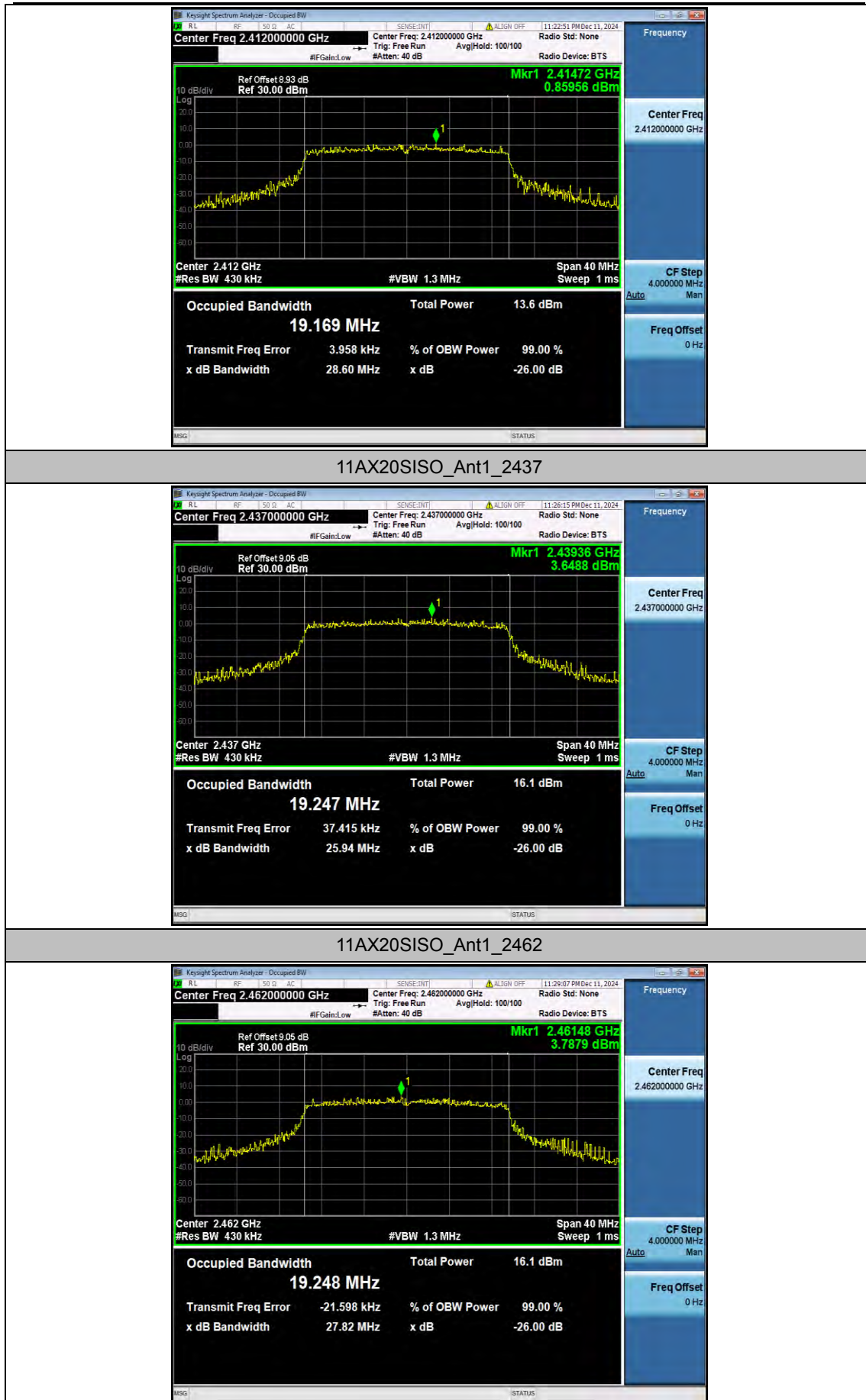
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



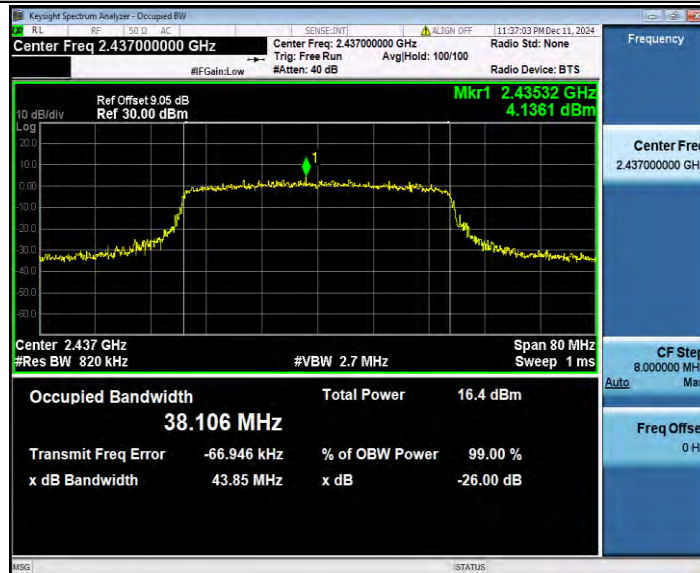
11AX20SISO_Ant1_2412



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	17.67	≤30.00	PASS
		2437	18.62	≤30.00	PASS
		2462	18.02	≤30.00	PASS
11G	Ant1	2412	15.52	≤30.00	PASS
		2437	18.54	≤30.00	PASS
		2462	18.55	≤30.00	PASS
11N20SISO	Ant1	2412	12.68	≤30.00	PASS
		2437	15.08	≤30.00	PASS
		2462	15.25	≤30.00	PASS
11N40SISO	Ant1	2422	13.75	≤30.00	PASS
		2437	16.00	≤30.00	PASS
		2452	15.94	≤30.00	PASS
11AX20SISO	Ant1	2412	14.23	≤30.00	PASS
		2437	16.62	≤30.00	PASS
		2462	16.78	≤30.00	PASS
11AX40SISO	Ant1	2422	14.48	≤30.00	PASS
		2437	16.49	≤30.00	PASS
		2452	16.41	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.86	≤8.00	PASS
		2437	-7.96	≤8.00	PASS
		2462	-8.28	≤8.00	PASS
11G	Ant1	2412	-17.46	≤8.00	PASS
		2437	-14.11	≤8.00	PASS
		2462	-14.26	≤8.00	PASS
11N20SISO	Ant1	2412	-20.36	≤8.00	PASS
		2437	-16.94	≤8.00	PASS
		2462	-17.09	≤8.00	PASS
11N40SISO	Ant1	2422	-21.75	≤8.00	PASS
		2437	-19.21	≤8.00	PASS
		2452	-19.32	≤8.00	PASS
11AX20SISO	Ant1	2412	-18.71	≤8.00	PASS
		2437	-17.24	≤8.00	PASS
		2462	-17.52	≤8.00	PASS
11AX40SISO	Ant1	2422	-22.95	≤8.00	PASS
		2437	-20.07	≤8.00	PASS
		2452	-19.48	≤8.00	PASS

Test Graphs

11B_Ant1_2412



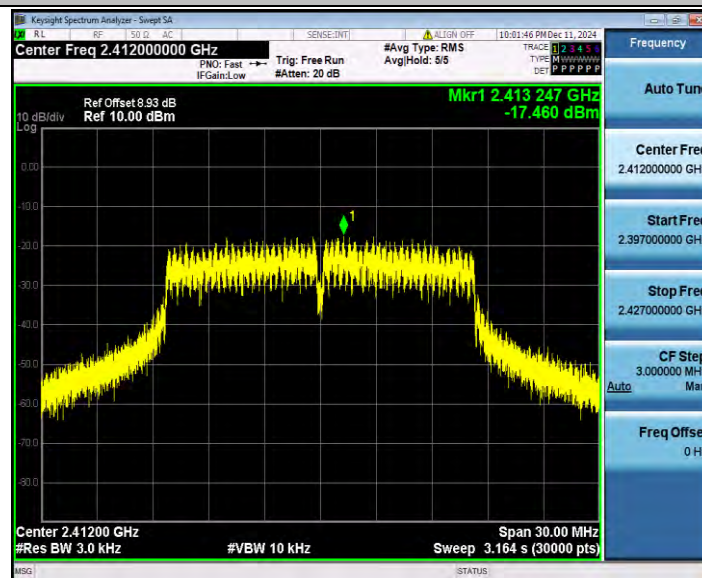
11B_Ant1_2437



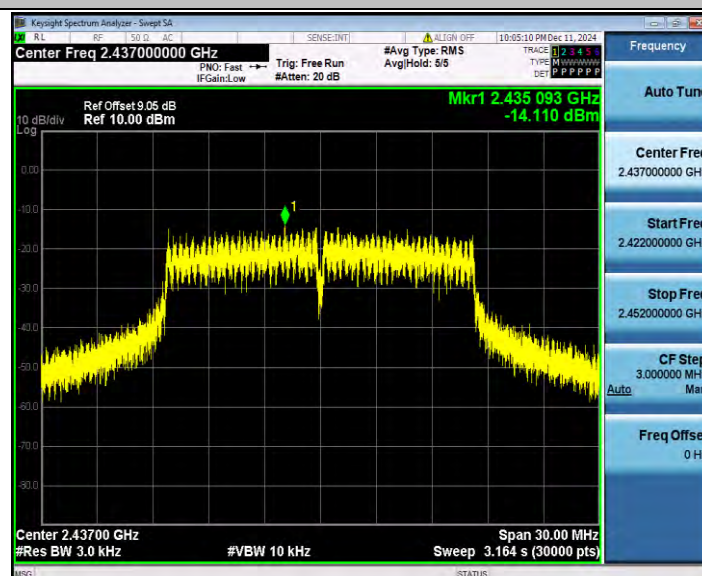
11B_Ant1_2462



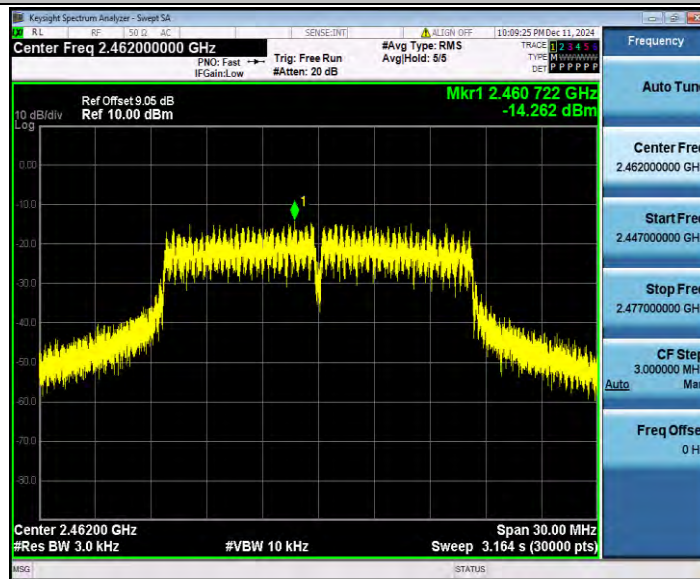
11G_Ant1_2412



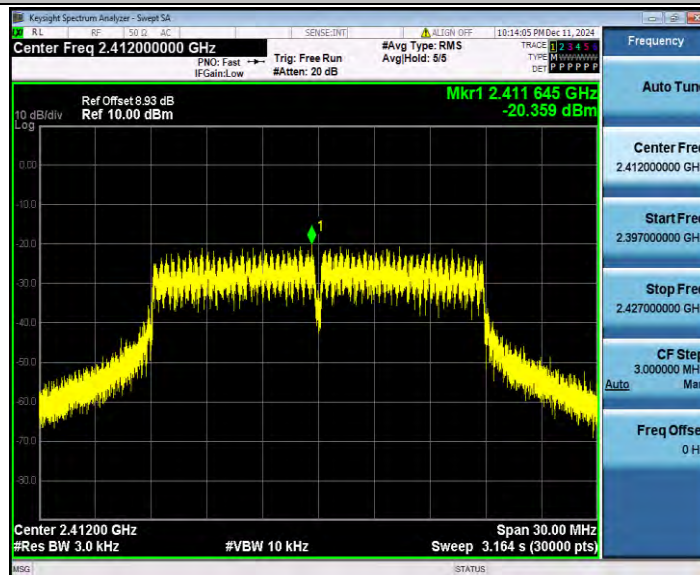
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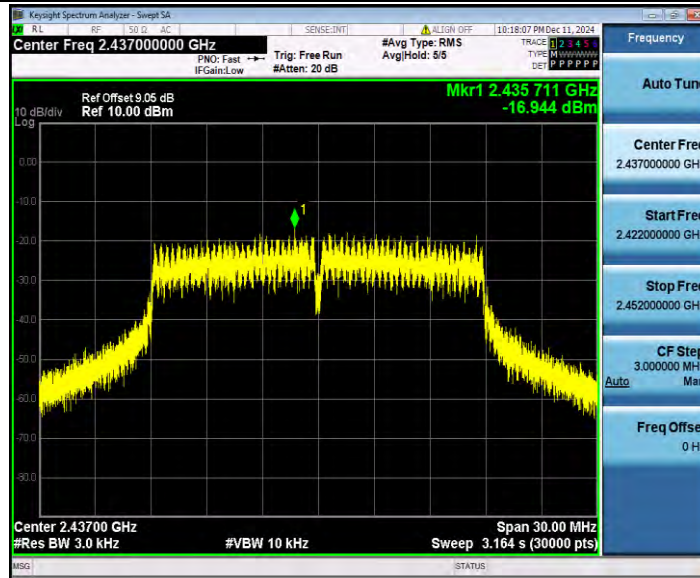
11G_Ant1_2462



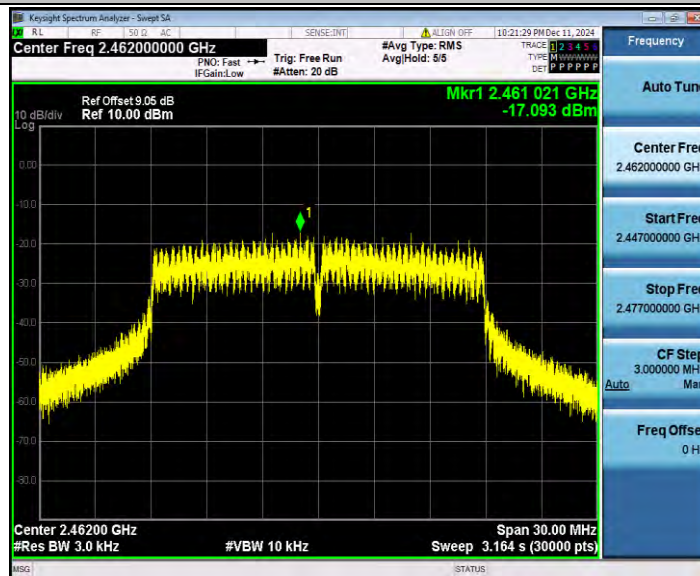
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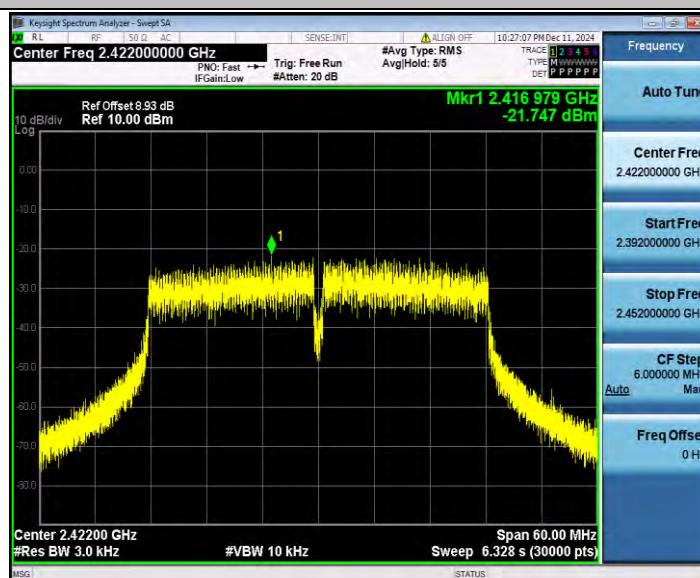
11N20SISO_Ant1_2437



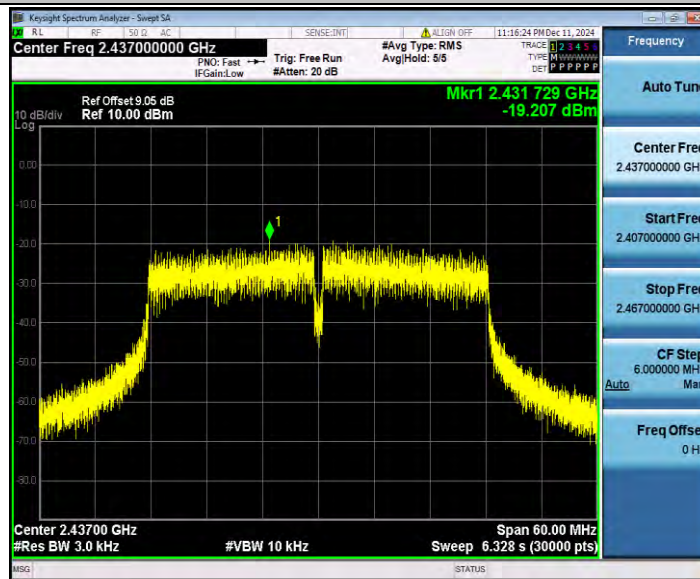
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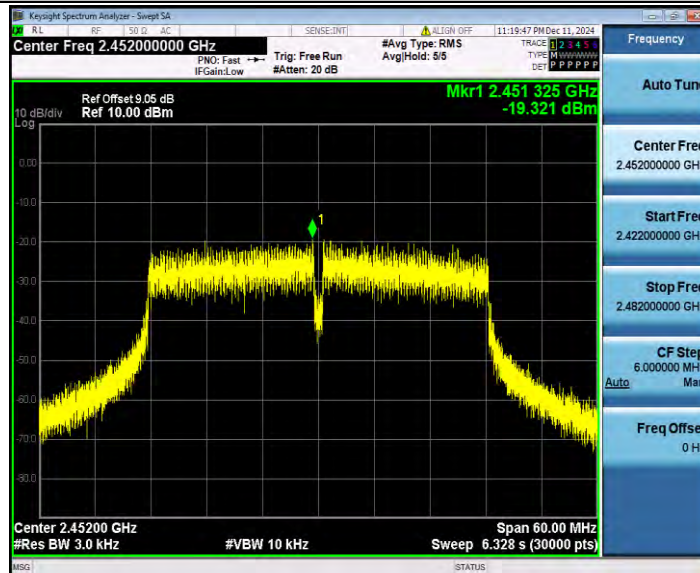
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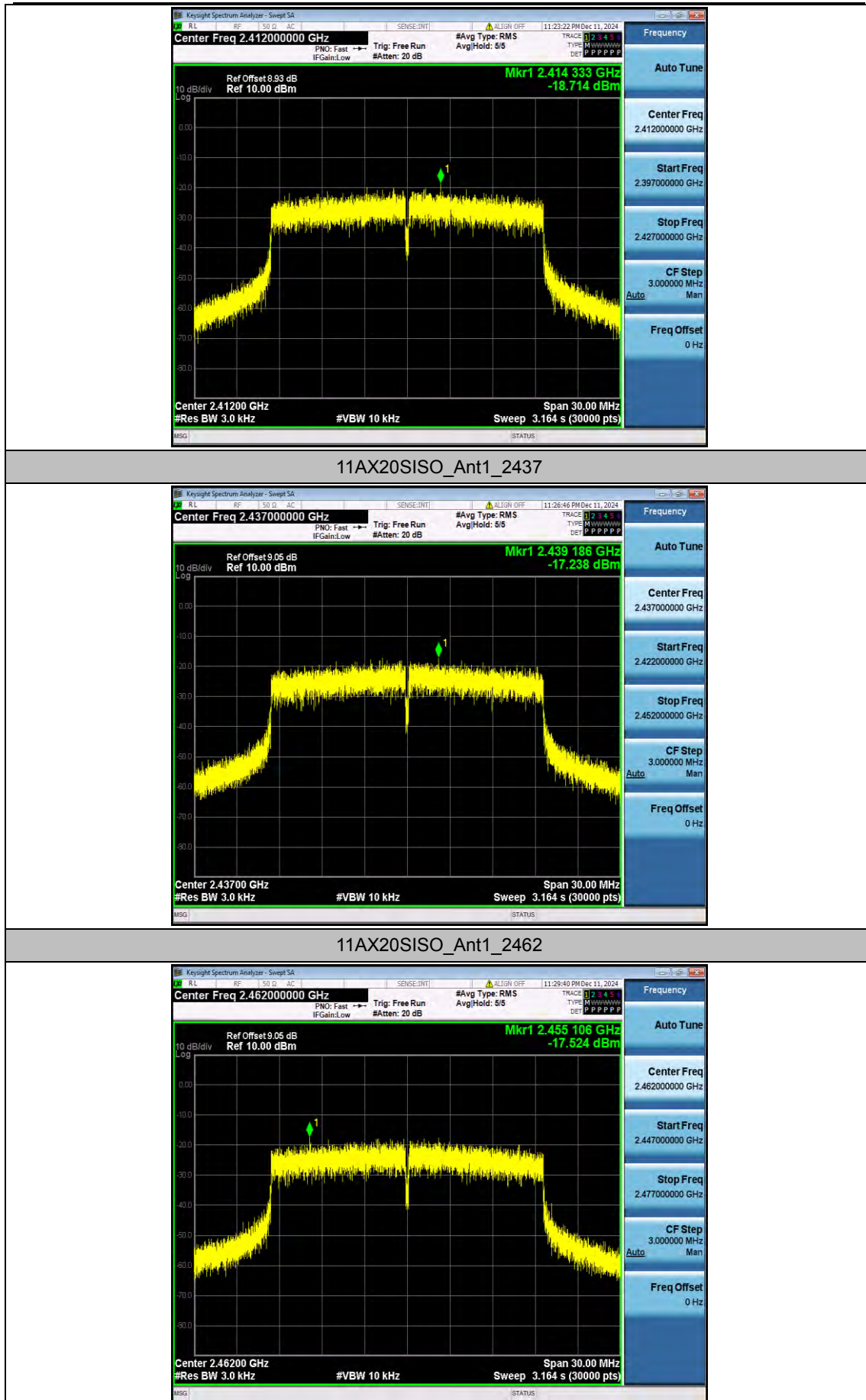
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



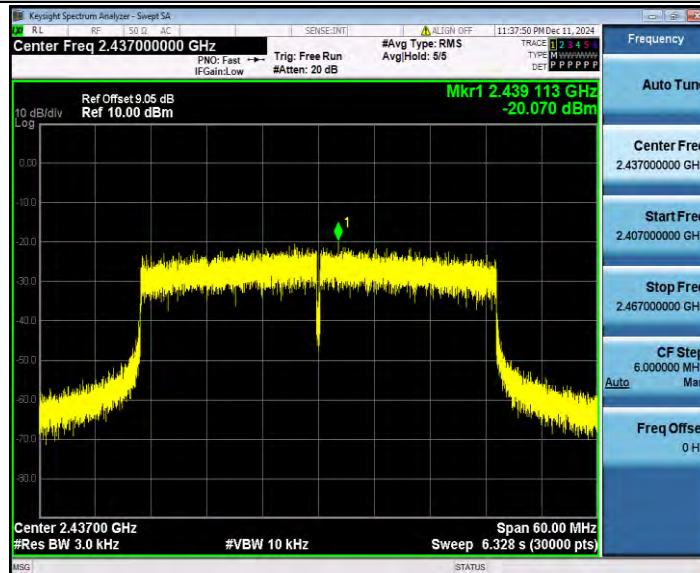
11AX20SISO_Ant1_2412



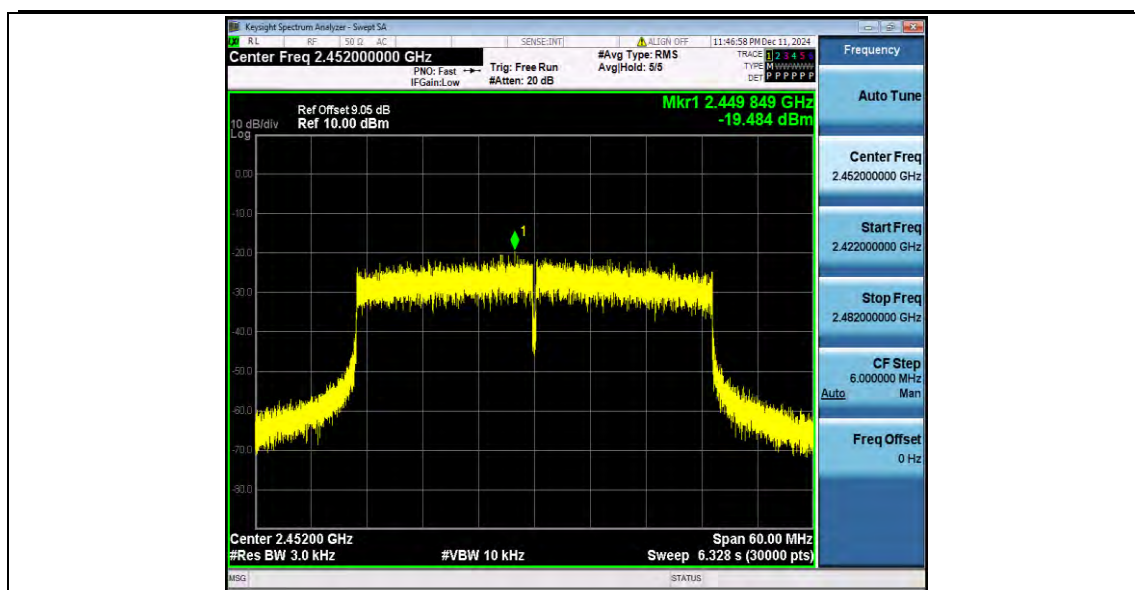
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

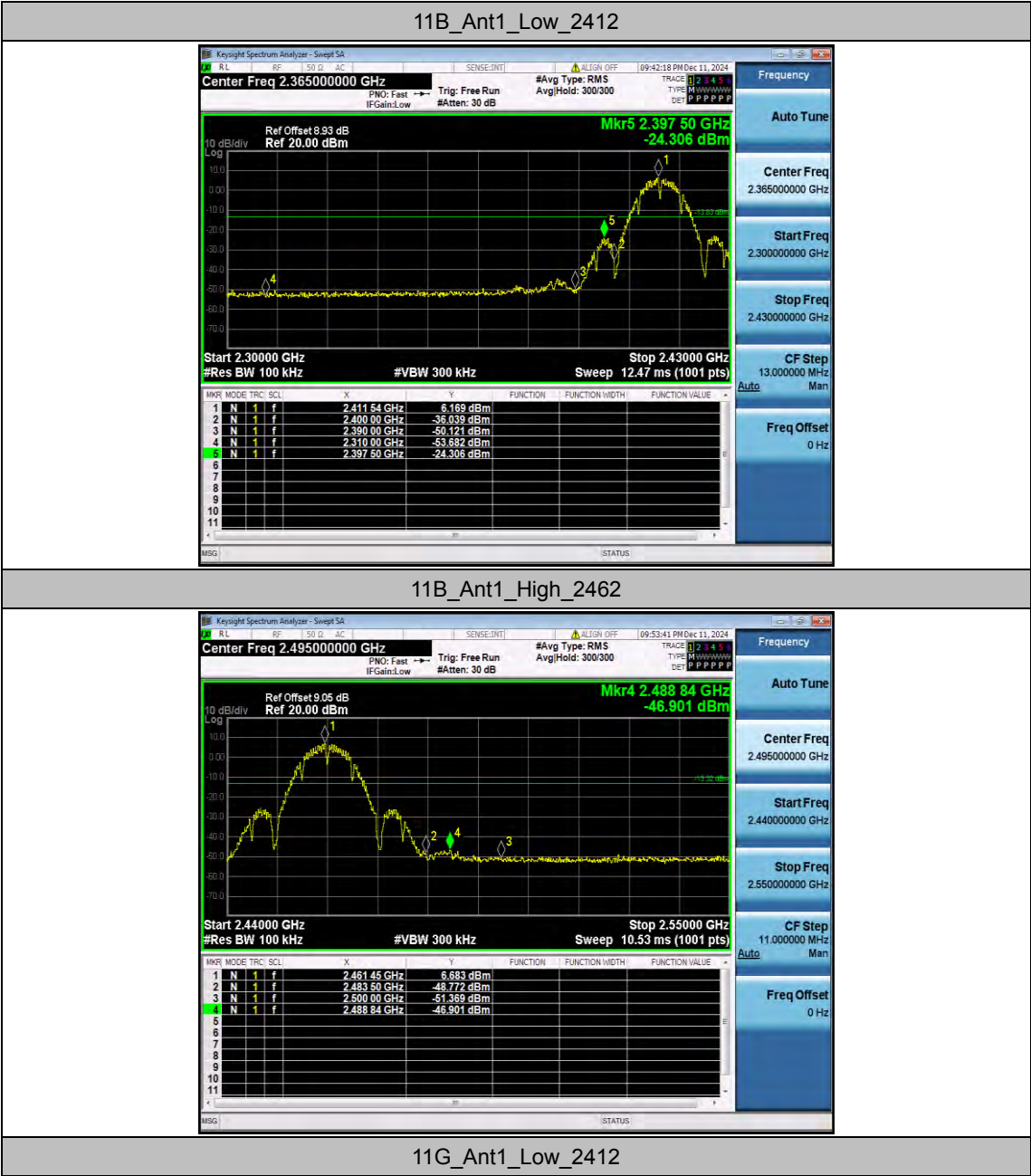


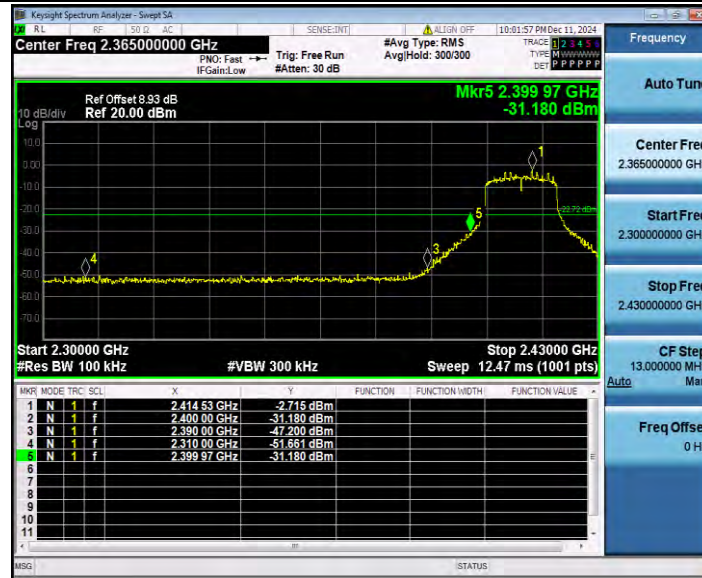
Appendix C.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.17	-24.31	≤ -13.83	PASS
		High	2462	6.68	-46.9	≤ -13.32	PASS
11G	Ant1	Low	2412	-2.72	-31.18	≤ -22.72	PASS
		High	2462	0.53	-43.94	≤ -19.48	PASS
11N20SISO	Ant1	Low	2412	-5.47	-34.15	≤ -25.47	PASS
		High	2462	-2.25	-46.99	≤ -22.25	PASS
11N40SISO	Ant1	Low	2422	-6.98	-38.73	≤ -26.98	PASS
		High	2452	-4.91	-44.32	≤ -24.91	PASS
11AX20SISO	Ant1	Low	2412	-4.04	-32.9	≤ -24.04	PASS
		High	2462	-1.60	-46.39	≤ -21.6	PASS
11AX40SISO	Ant1	Low	2422	-6.93	-38.15	≤ -26.93	PASS
		High	2452	-4.69	-42.83	≤ -24.69	PASS

Test Graphs

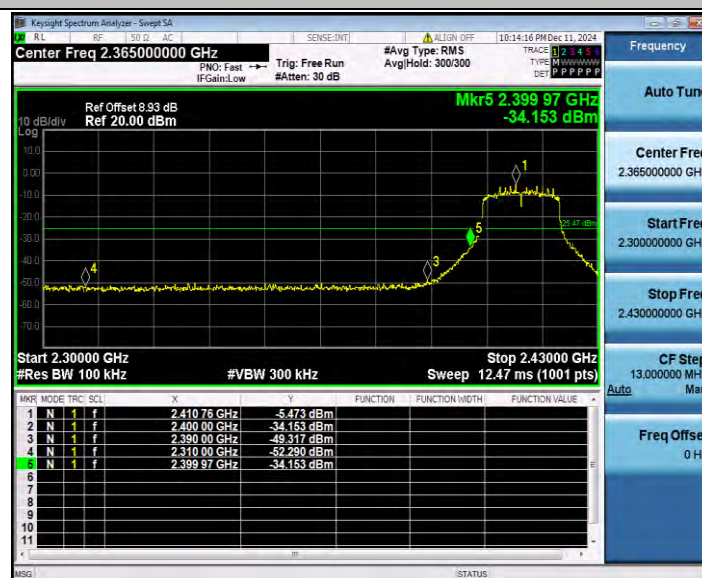




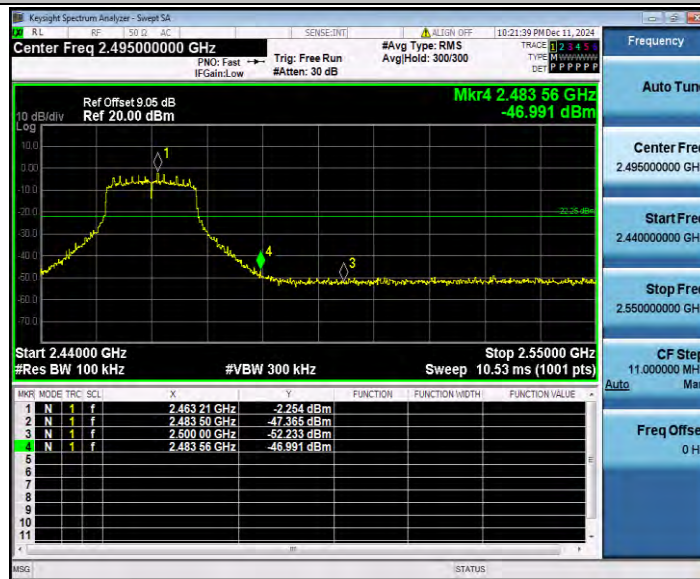
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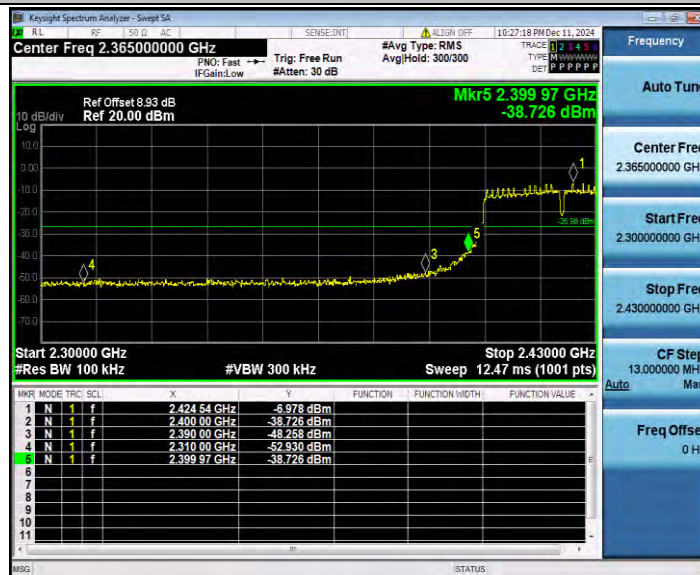
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



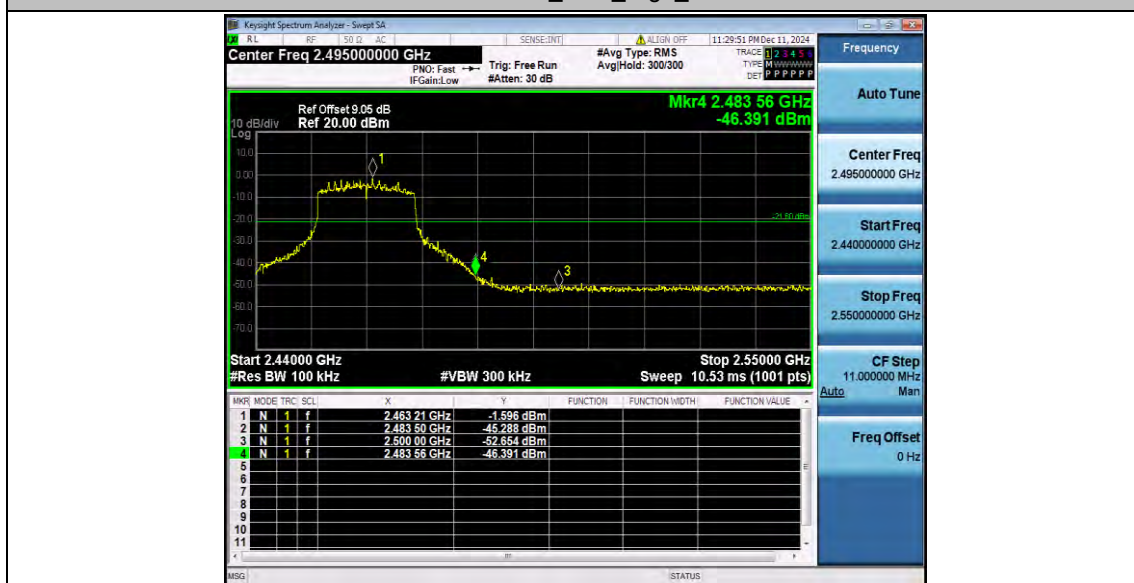
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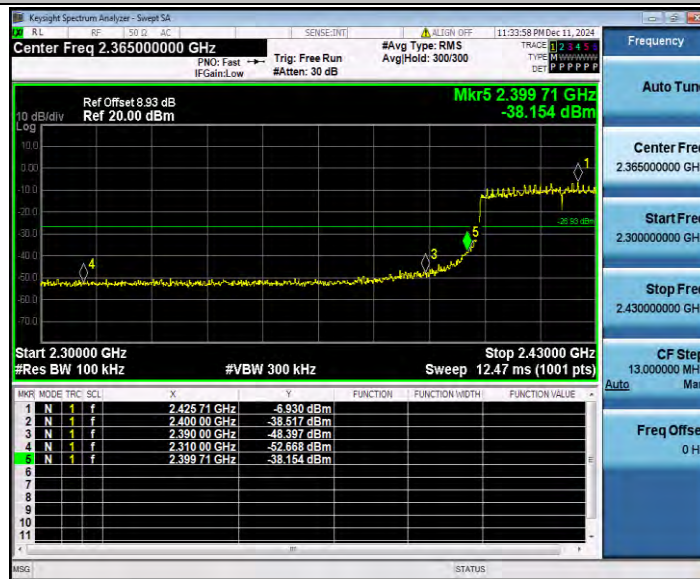
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11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

