

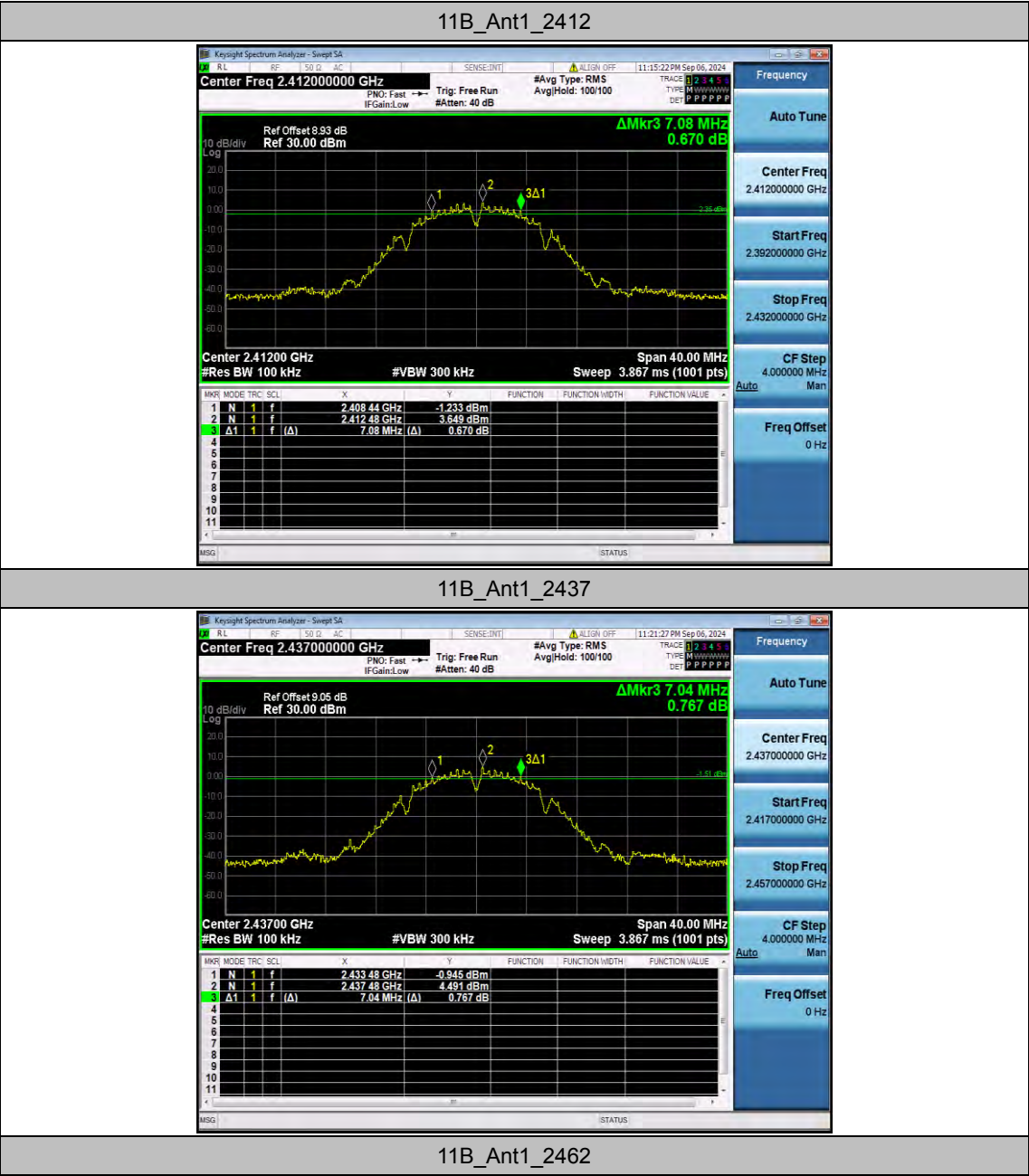
Case No. : <u>CTA24103100103</u>	
Ambient Condition: <u>23</u> °C, <u>54</u> %RH,	
Test Date: <u>2024.9.6</u>	Test Engineer: <u>Lushan Kong</u>

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.080	2408.440	2415.520	0.5	PASS
		2437	7.040	2433.480	2440.520	0.5	PASS
		2462	7.080	2458.440	2465.520	0.5	PASS
11G	Ant1	2412	15.960	2403.840	2419.800	0.5	PASS
		2437	16.320	2428.800	2445.120	0.5	PASS
		2462	15.680	2454.080	2469.760	0.5	PASS
11N20SISO	Ant1	2412	15.440	2404.400	2419.840	0.5	PASS
		2437	16.720	2428.440	2445.160	0.5	PASS
		2462	15.960	2453.600	2469.560	0.5	PASS
11N40SISO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	33.760	2435.680	2469.440	0.5	PASS
11AX20SISO	Ant1	2412	15.920	2404.040	2419.960	0.5	PASS
		2437	14.640	2429.880	2444.520	0.5	PASS
		2462	17.720	2452.840	2470.560	0.5	PASS
11AX40SISO	Ant1	2422	34.160	2405.360	2439.520	0.5	PASS
		2437	35.920	2418.520	2454.440	0.5	PASS
		2452	34.800	2434.720	2469.520	0.5	PASS

Test Graphs





11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



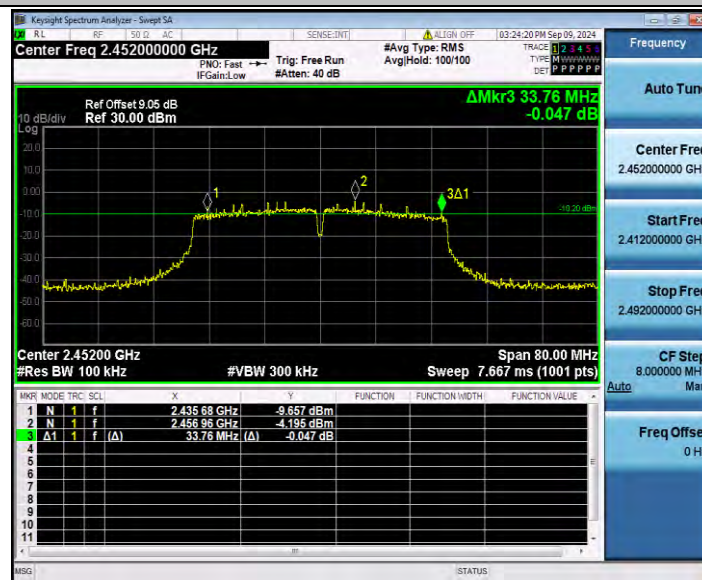
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



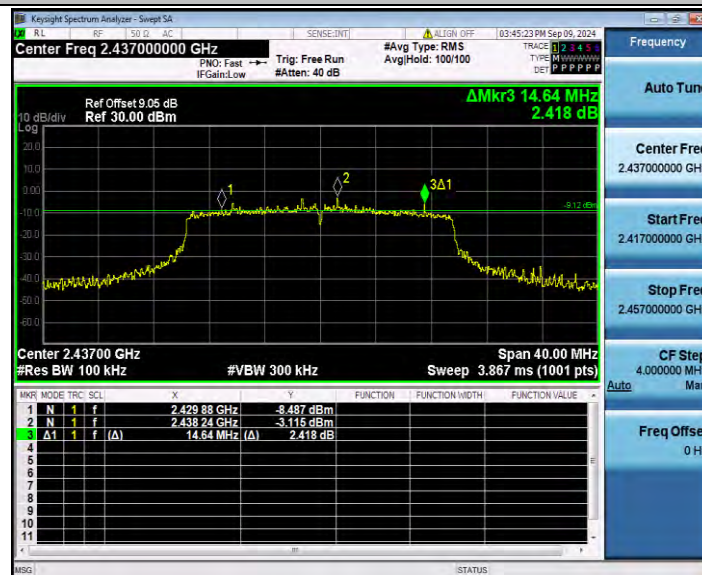
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



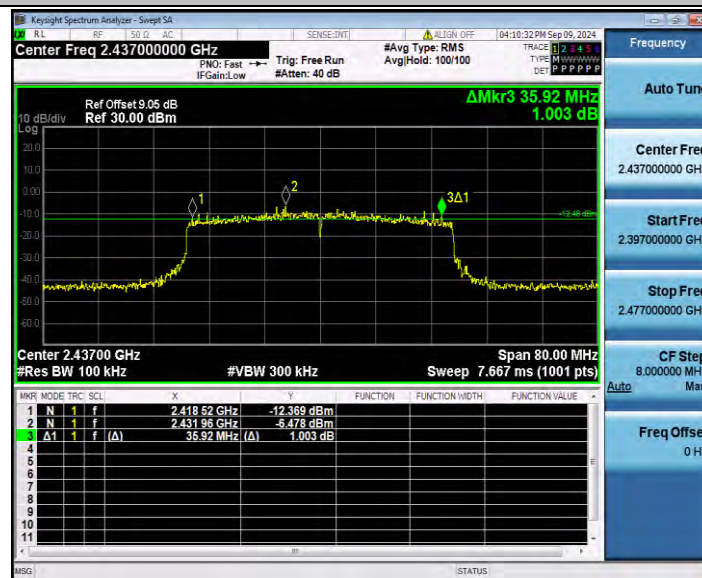
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

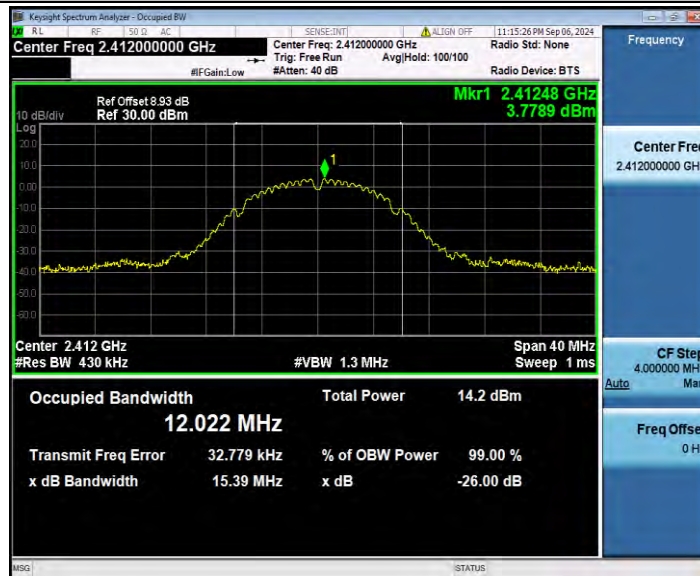
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.022	2406.0218	2418.0438	---	---
		2437	12.065	2430.9967	2443.0617	---	---
		2462	12.141	2455.9315	2468.0725	---	---
11G	Ant1	2412	17.193	2403.3807	2420.5737	---	---
		2437	17.123	2428.3377	2445.4607	---	---
		2462	17.219	2453.2676	2470.4866	---	---
11N20SISO	Ant1	2412	18.236	2402.8247	2421.0607	---	---
		2437	18.351	2427.7700	2446.1210	---	---
		2462	18.207	2452.8388	2471.0458	---	---
11N40SISO	Ant1	2422	36.538	2403.6413	2440.1793	---	---
		2437	36.460	2418.7104	2455.1704	---	---
		2452	36.442	2433.7239	2470.1659	---	---
11AX20SISO	Ant1	2412	19.173	2402.4124	2421.5854	---	---
		2437	19.120	2427.4758	2446.5958	---	---
		2462	19.083	2452.4286	2471.5116	---	---
11AX40SISO	Ant1	2422	37.865	2402.9887	2440.8537	---	---
		2437	37.927	2417.9643	2455.8913	---	---
		2452	37.779	2433.0151	2470.7941	---	---

Test Graphs

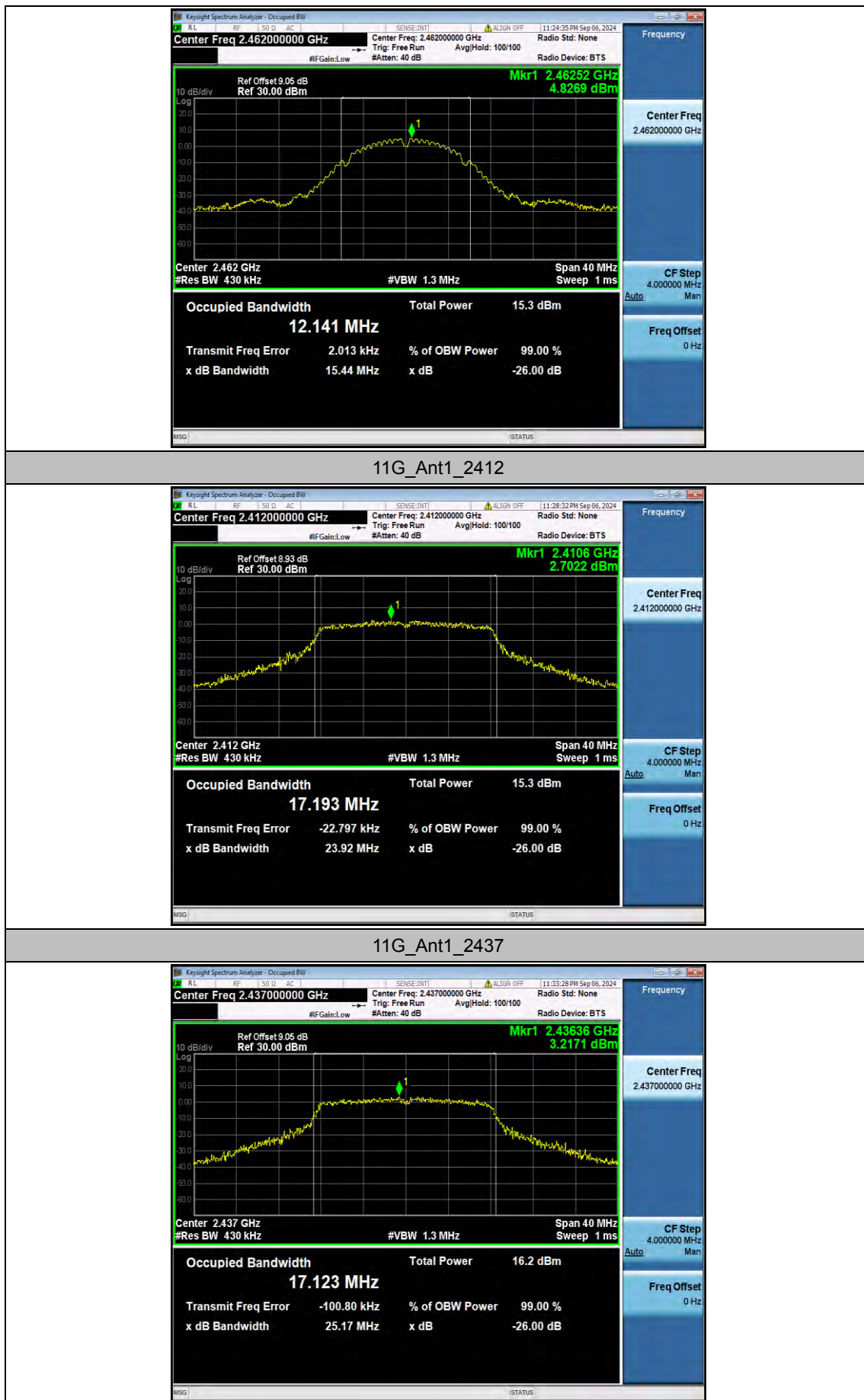
11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2462



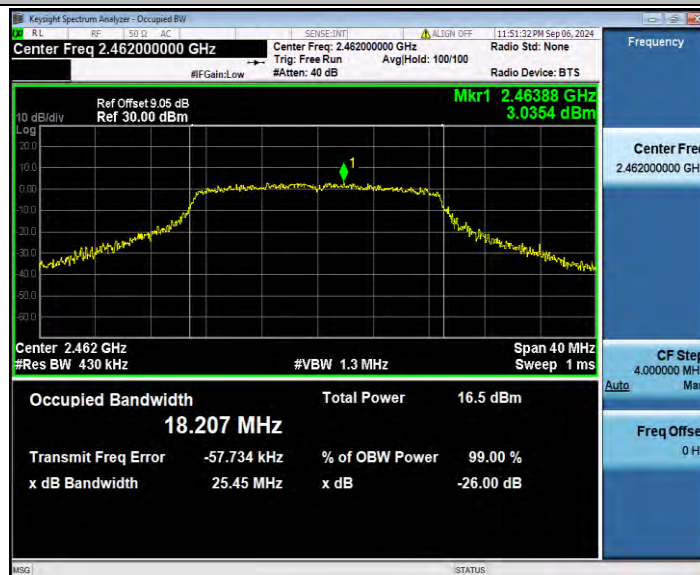
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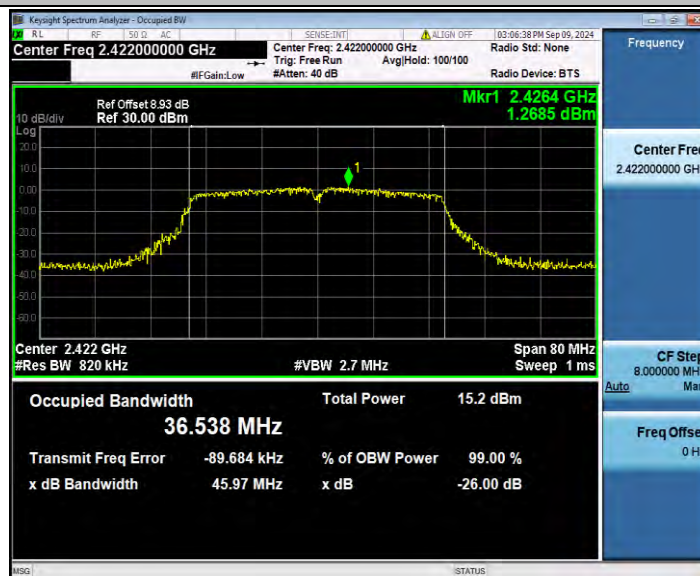
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11N20SISO_Ant1_2462



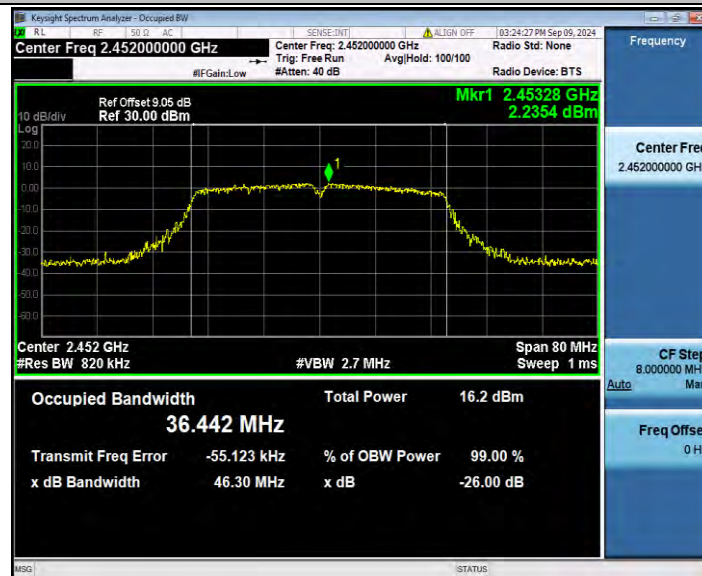
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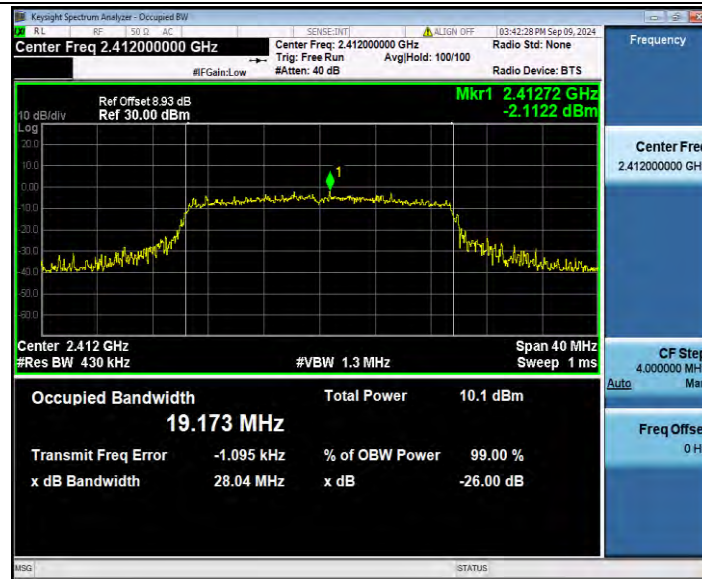
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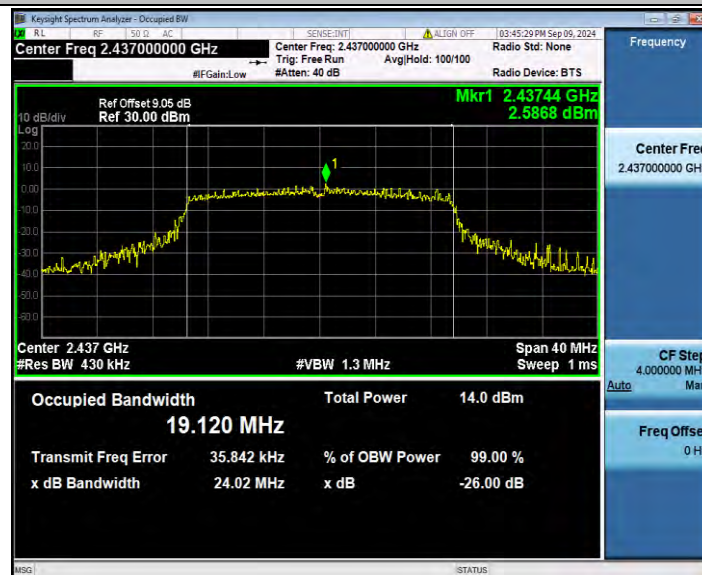
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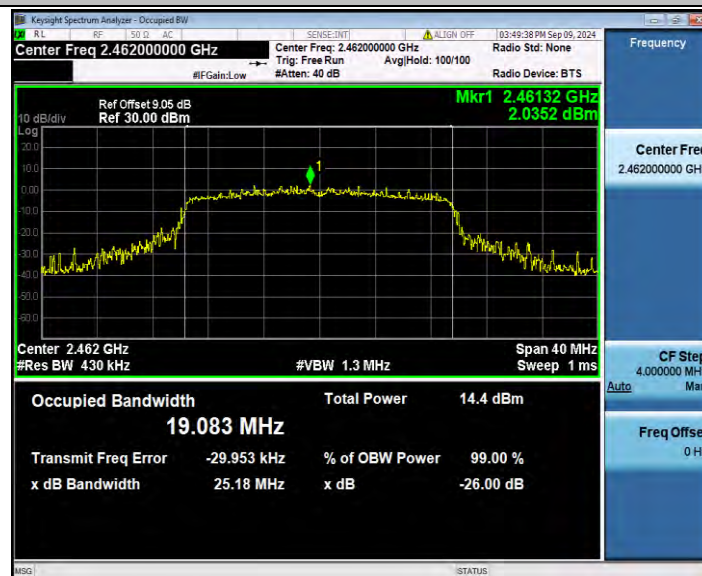
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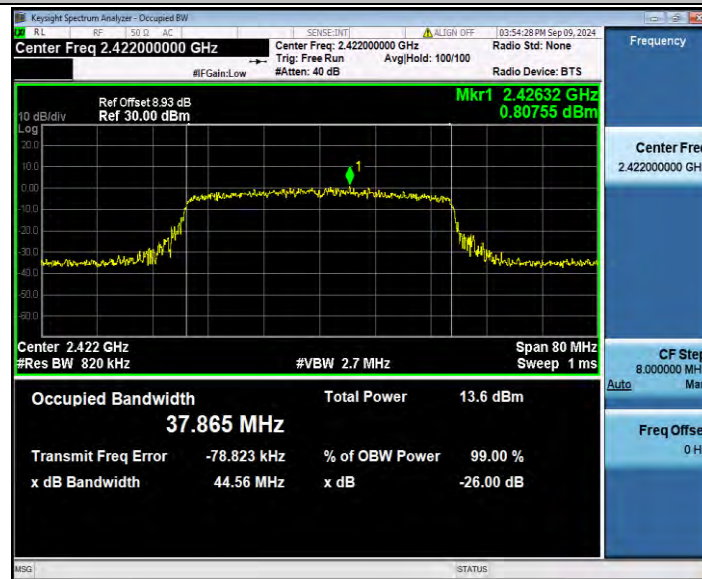
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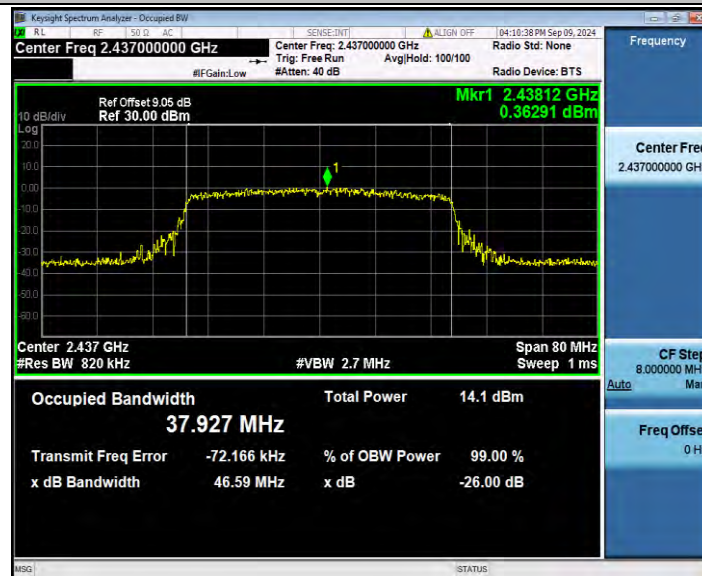
11AX20SISO_Ant1_2462



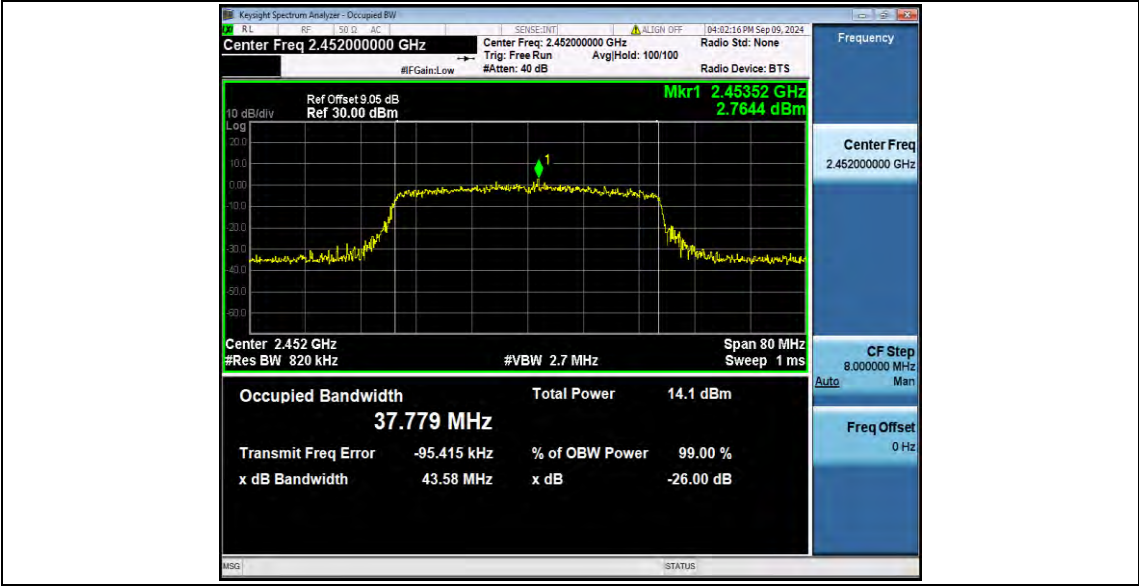
11AX40SISO_Ant1_2422



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	14.27	≤30.00	PASS
		2437	15.06	≤30.00	PASS
		2462	15.37	≤30.00	PASS
11G	Ant1	2412	16.25	≤30.00	PASS
		2437	17.21	≤30.00	PASS
		2462	17.69	≤30.00	PASS
11N20SISO	Ant1	2412	16.30	≤30.00	PASS
		2437	17.10	≤30.00	PASS
		2462	17.51	≤30.00	PASS
11N40SISO	Ant1	2422	15.66	≤30.00	PASS
		2437	16.73	≤30.00	PASS
		2452	16.49	≤30.00	PASS
11AX20SISO	Ant1	2412	10.77	≤30.00	PASS
		2437	14.55	≤30.00	PASS
		2462	15.06	≤30.00	PASS
11AX40SISO	Ant1	2422	13.88	≤30.00	PASS
		2437	14.45	≤30.00	PASS
		2452	13.99	≤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	-11.13	≤8.00	PASS
		2437	-10.50	≤8.00	PASS
		2462	-10.24	≤8.00	PASS
11G	Ant1	2412	-15.22	≤8.00	PASS
		2437	-14.80	≤8.00	PASS
		2462	-13.34	≤8.00	PASS
11N20SISO	Ant1	2412	-16.95	≤8.00	PASS
		2437	-14.96	≤8.00	PASS
		2462	-13.94	≤8.00	PASS
11N40SISO	Ant1	2422	-19.18	≤8.00	PASS
		2437	-17.46	≤8.00	PASS
		2452	-18.43	≤8.00	PASS
11AX20SISO	Ant1	2412	-23.09	≤8.00	PASS
		2437	-22.08	≤8.00	PASS
		2462	-18.78	≤8.00	PASS
11AX40SISO	Ant1	2422	-22.24	≤8.00	PASS
		2437	-21.55	≤8.00	PASS
		2452	-22.25	≤8.00	PASS

Test Graphs

11B_Ant1_2412



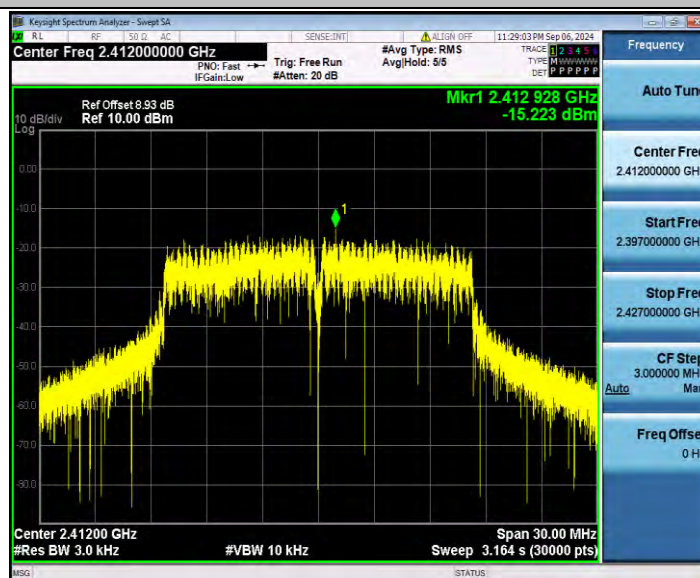
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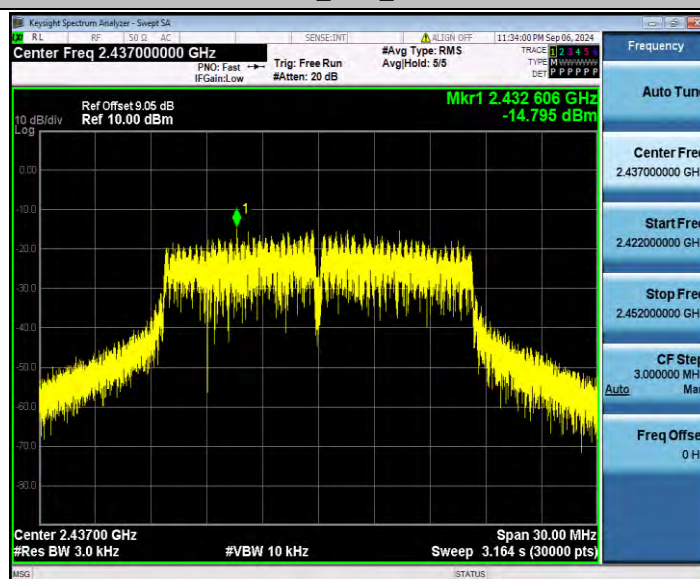
11B_Ant1_2462



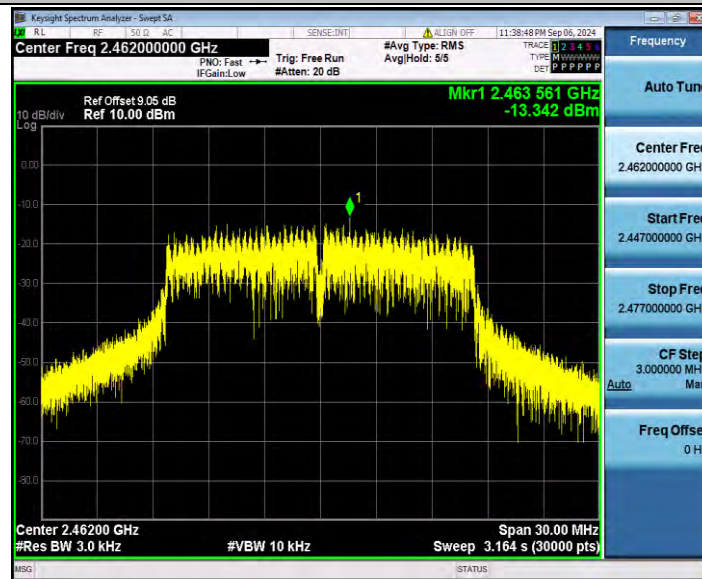
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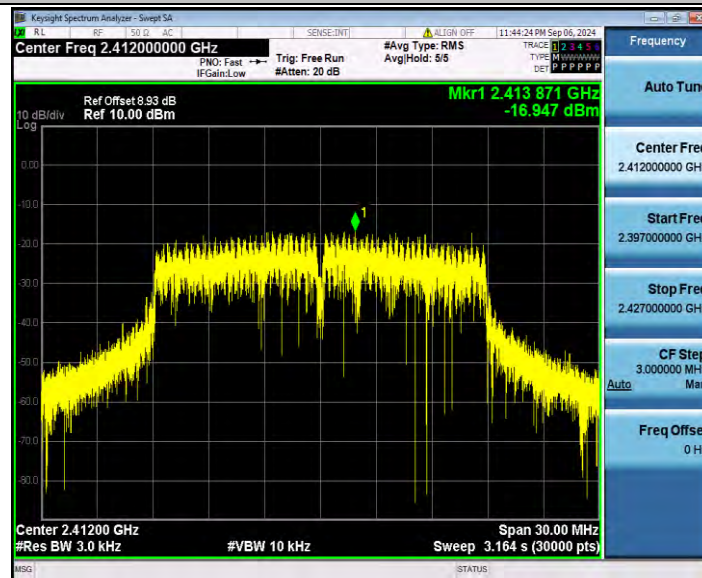
11G_Ant1_2437



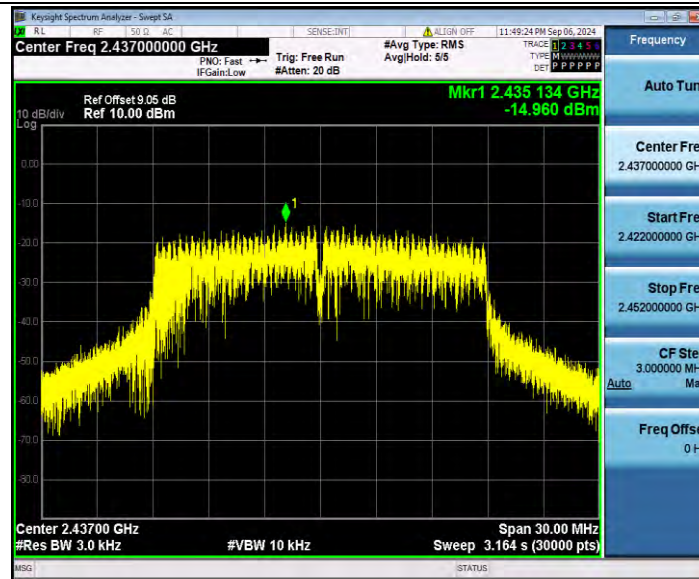
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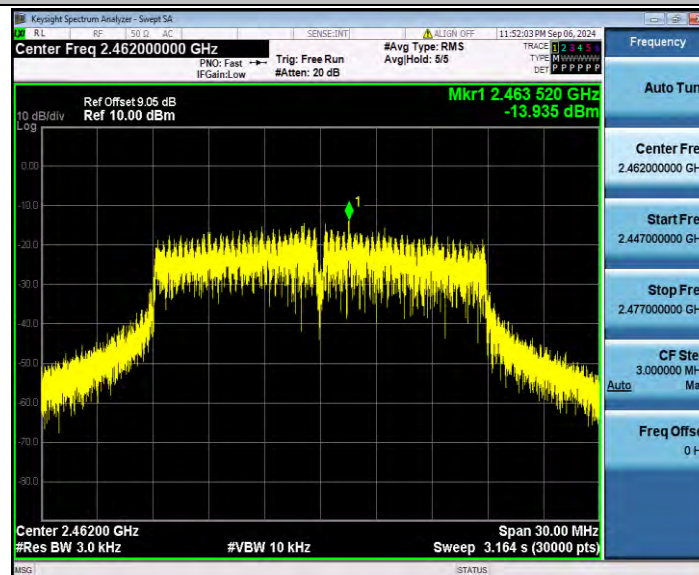
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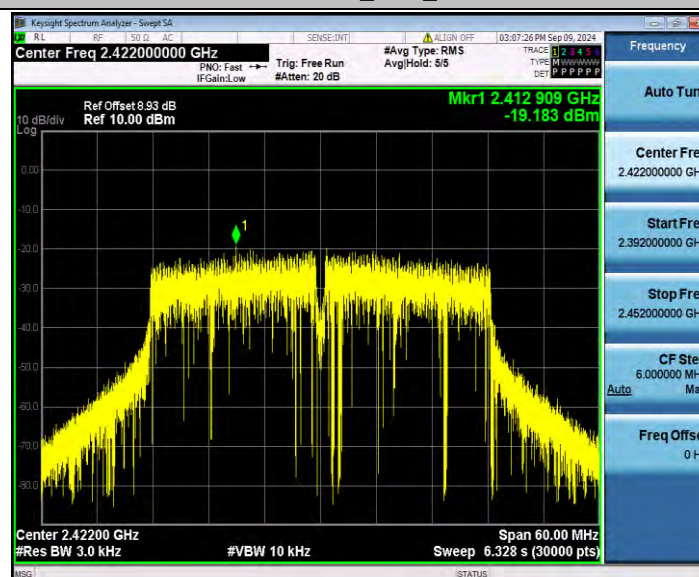
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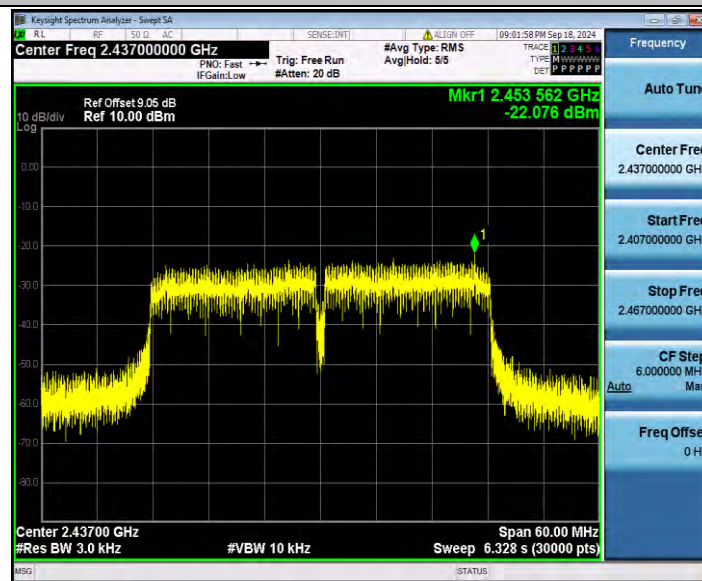
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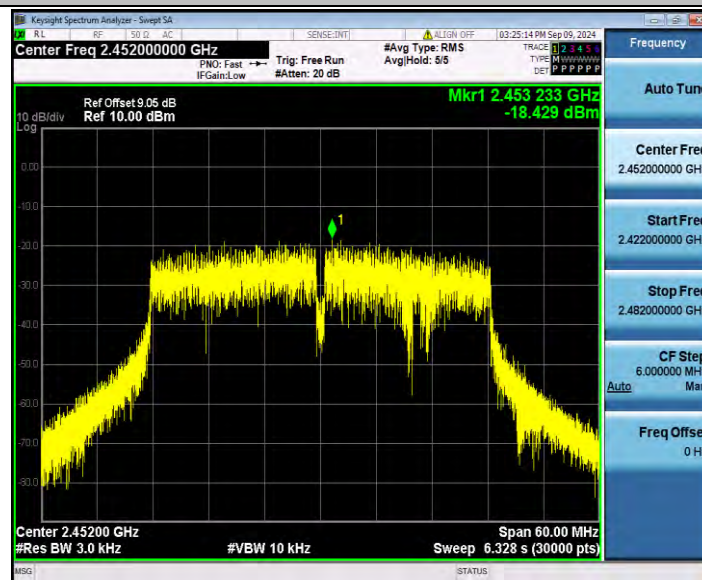
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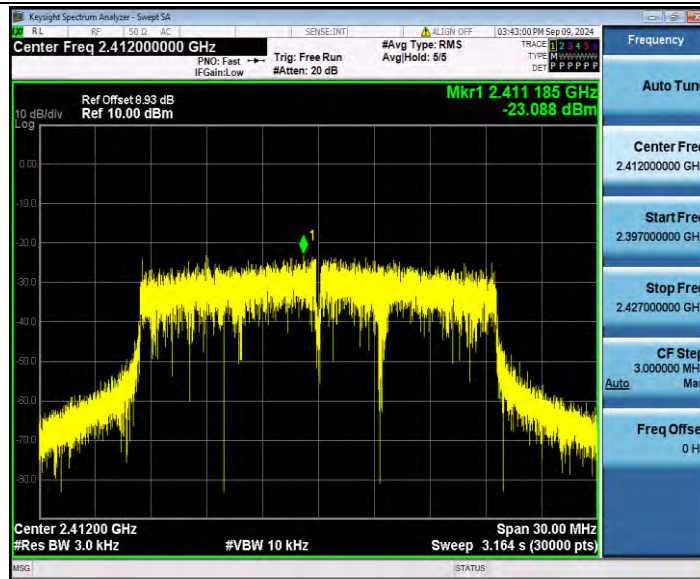
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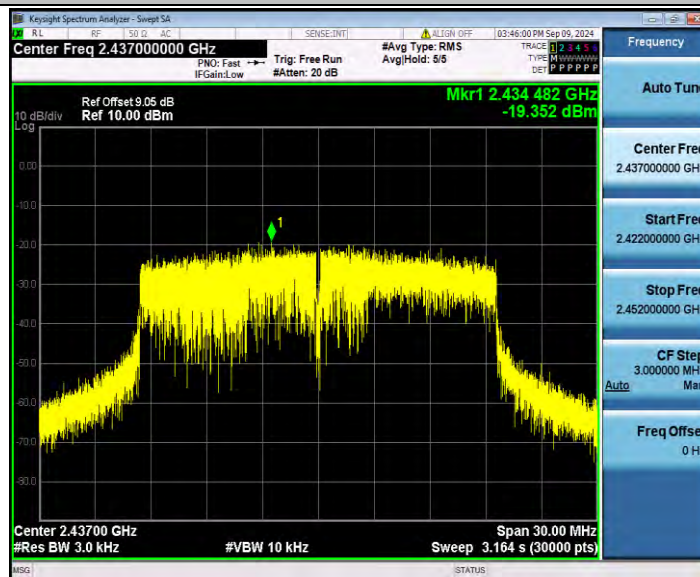
11N40SISO_Ant1_2452



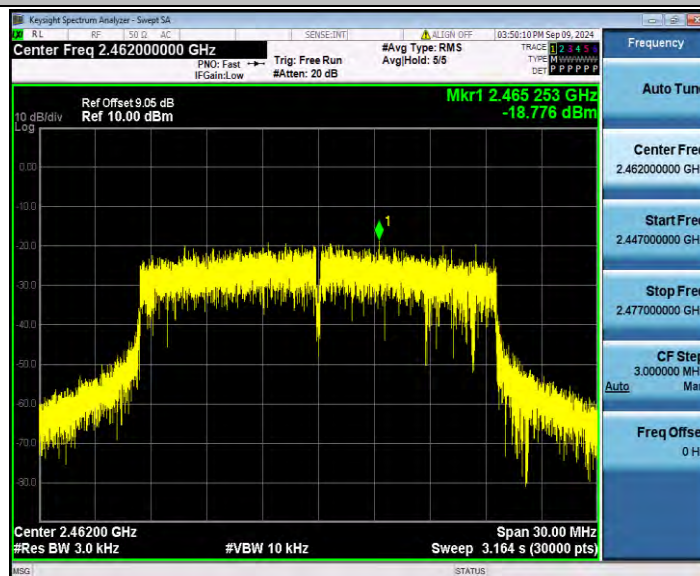
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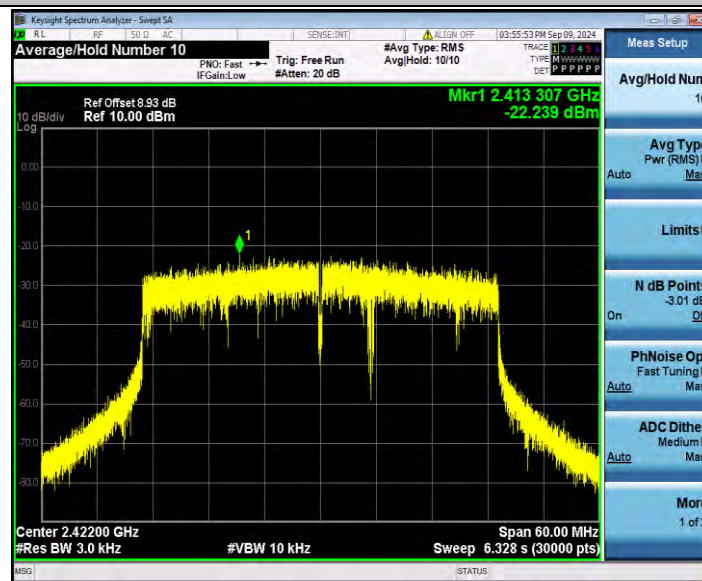
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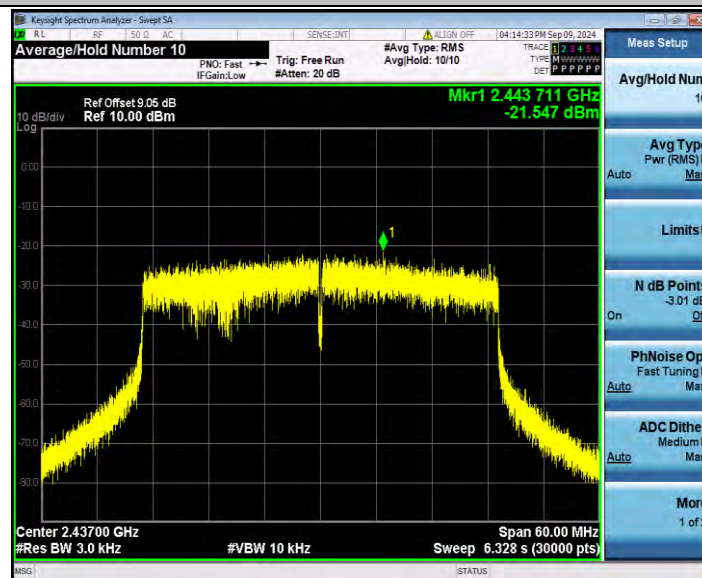
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

