

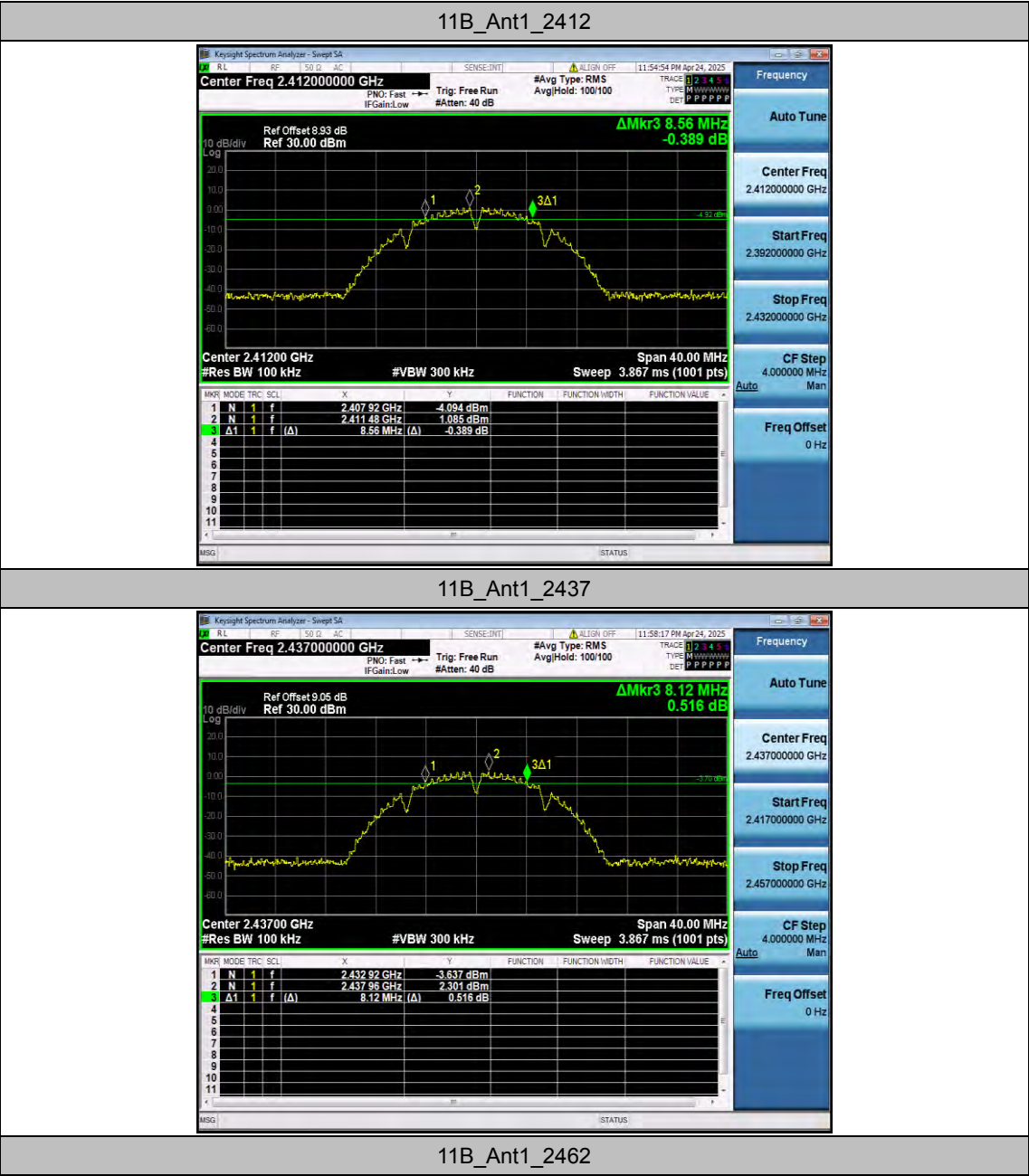
Case No. : <u>GTS20250225016-1-07</u>	
Ambient Condition: <u>22</u> °C, <u>48</u> %RH,	
Test Date: <u>2025.4.24</u>	Test Engineer: <u>Evan ouyang</u>

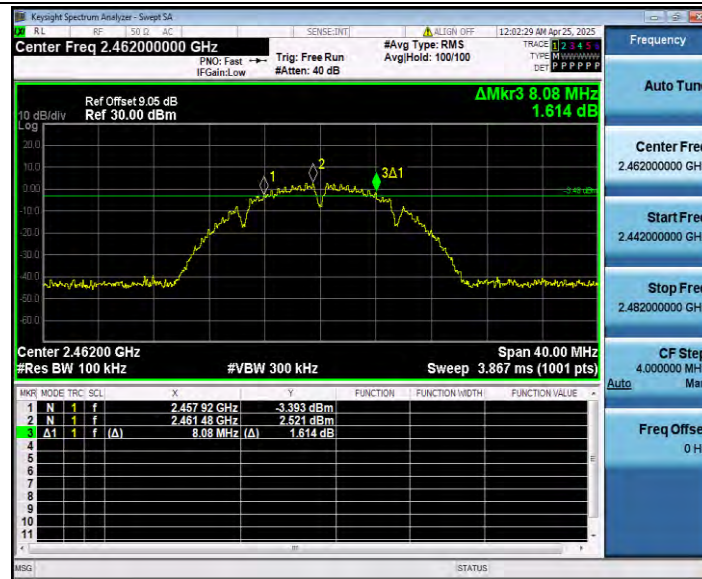
Appendix A.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.560	2407.920	2416.480	0.5	PASS
		2437	8.120	2432.920	2441.040	0.5	PASS
		2462	8.080	2457.920	2466.000	0.5	PASS
11G	Ant1	2412	14.000	2405.120	2419.120	0.5	PASS
		2437	13.760	2430.120	2443.880	0.5	PASS
		2462	14.960	2454.480	2469.440	0.5	PASS
11N20SISO	Ant1	2412	15.040	2404.480	2419.520	0.5	PASS
		2437	15.040	2429.520	2444.560	0.5	PASS
		2462	15.120	2454.400	2469.520	0.5	PASS
11N40SISO	Ant1	2422	33.840	2405.680	2439.520	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	15.560	2404.600	2420.160	0.5	PASS
		2437	15.120	2429.440	2444.560	0.5	PASS
		2462	13.760	2455.720	2469.480	0.5	PASS
11AX40SISO	Ant1	2422	34.080	2405.680	2439.760	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS

Test Graphs





11G_Ant1_2412



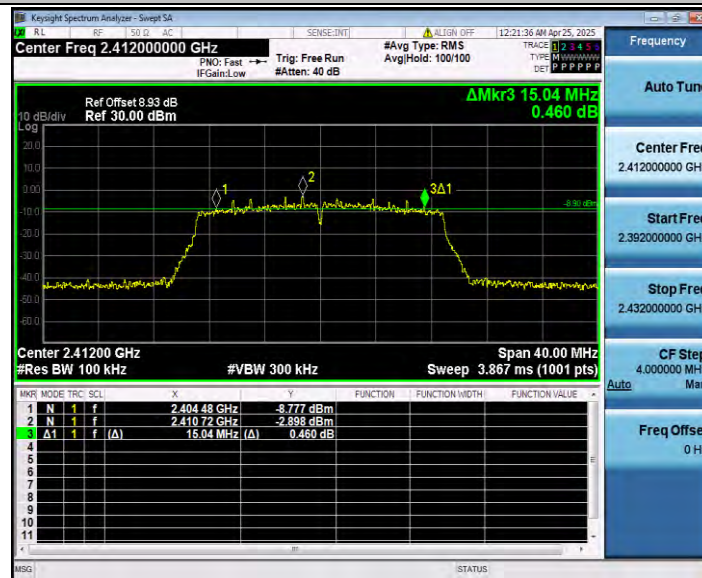
11G_Ant1_2437



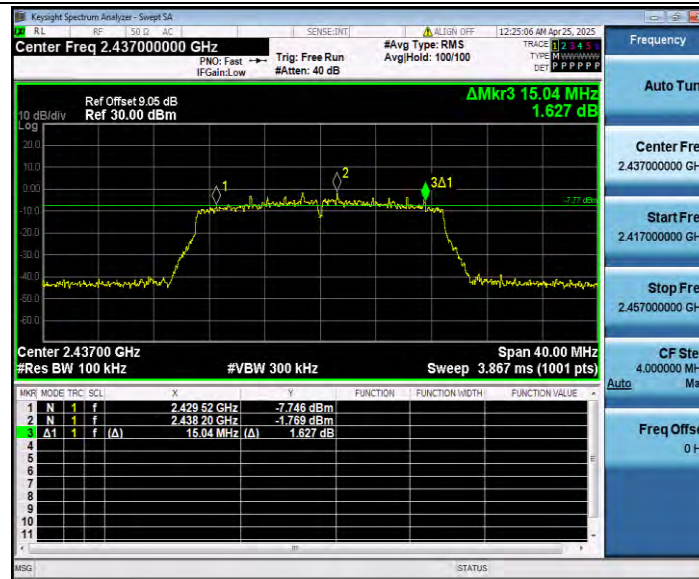
11G_Ant1_2462



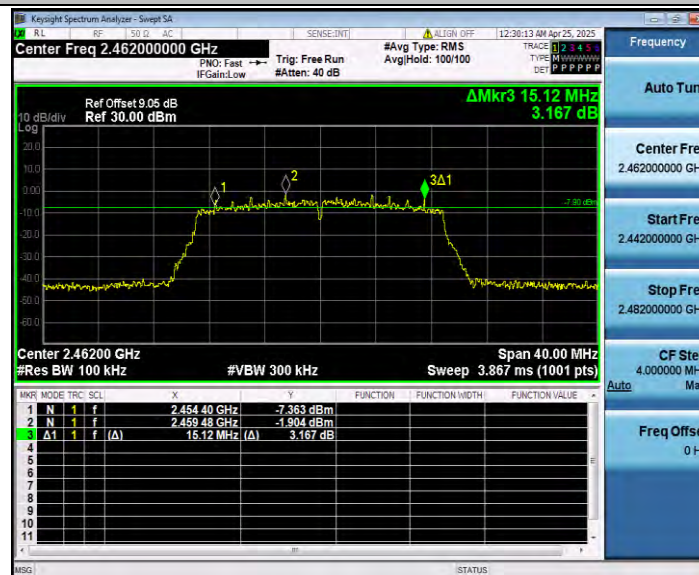
11N20SISO_Ant1_2412



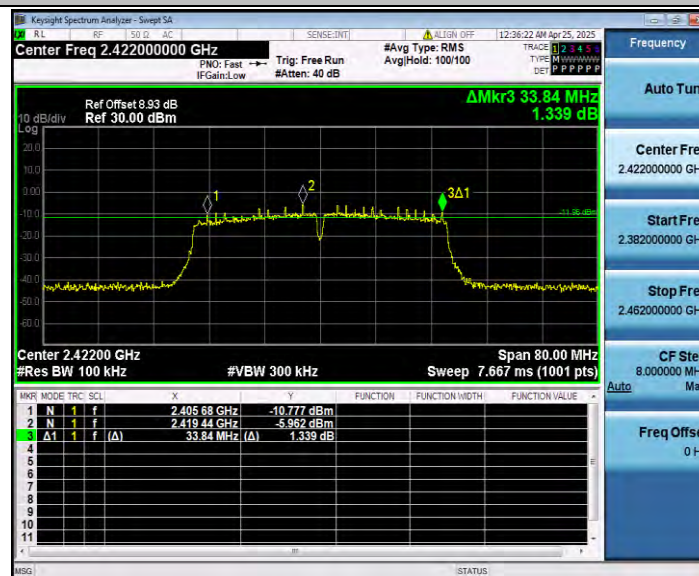
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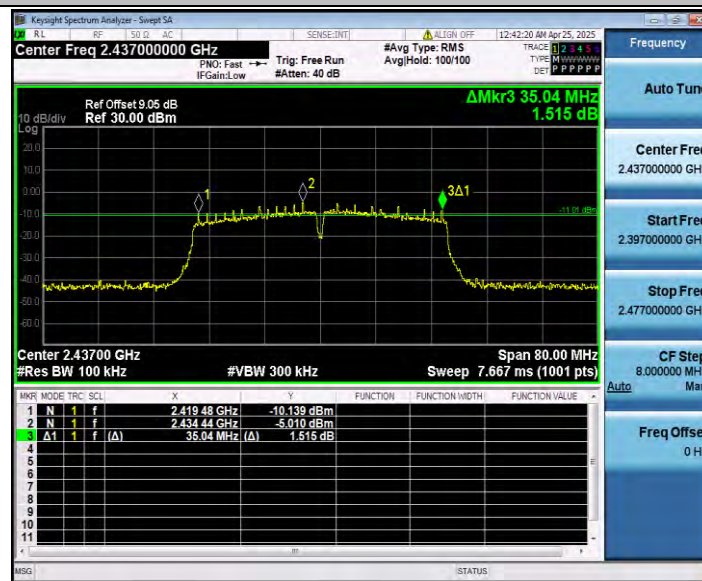
11N20SISO_Ant1_2462



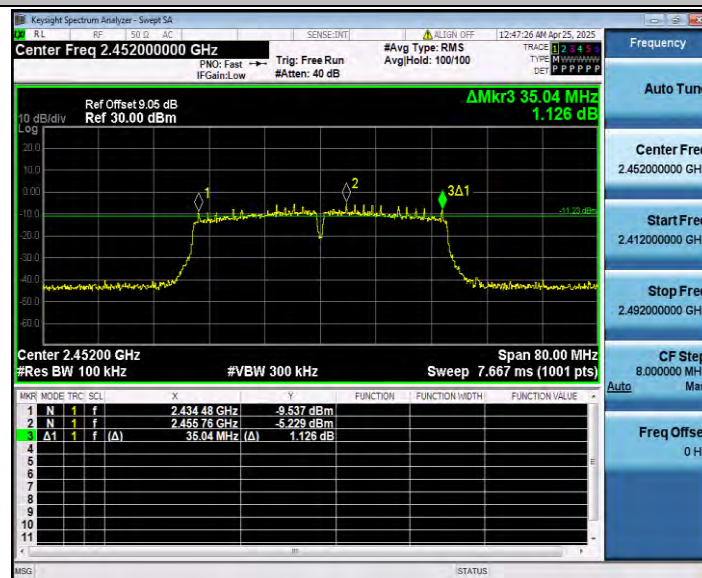
11N40SISO_Ant1_2422



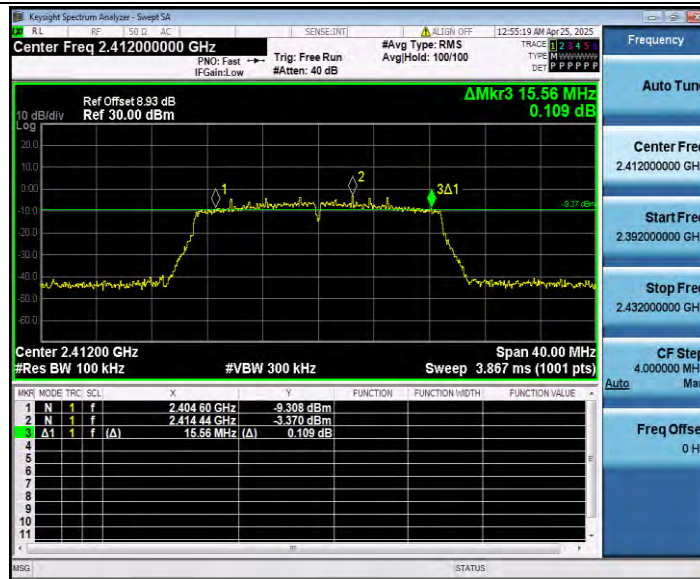
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412

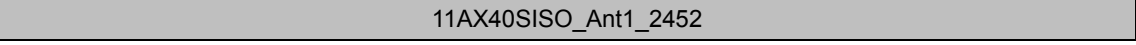
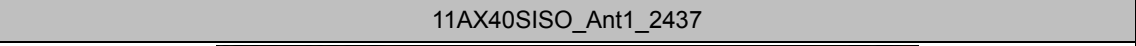


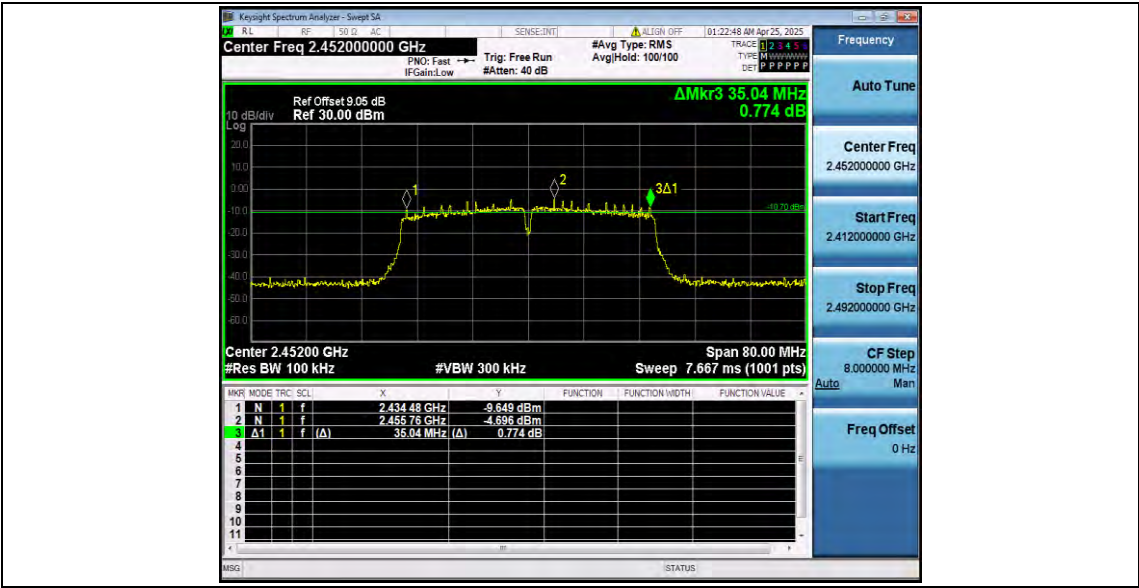
11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462







Appendix A.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.441	2405.3077	2418.7487	---	---
		2437	13.351	2430.3619	2443.7129	---	---
		2462	13.351	2455.3139	2468.6649	---	---
11G	Ant1	2412	16.742	2403.6419	2420.3839	---	---
		2437	16.853	2428.5561	2445.4091	---	---
		2462	16.816	2453.5463	2470.3623	---	---
11N20SISO	Ant1	2412	17.823	2403.0825	2420.9055	---	---
		2437	17.809	2428.1219	2445.9309	---	---
		2462	17.783	2453.1015	2470.8845	---	---
11N40SISO	Ant1	2422	36.097	2404.0379	2440.1349	---	---
		2437	35.971	2419.0827	2455.0537	---	---
		2452	36.083	2434.0201	2470.1031	---	---
11AX20SISO	Ant1	2412	17.794	2403.1369	2420.9309	---	---
		2437	17.778	2428.1181	2445.8961	---	---
		2462	17.761	2453.0972	2470.8582	---	---
11AX40SISO	Ant1	2422	36.248	2404.0066	2440.2546	---	---
		2437	36.001	2419.0781	2455.0791	---	---
		2452	36.147	2434.0128	2470.1598	---	---

Test Graphs

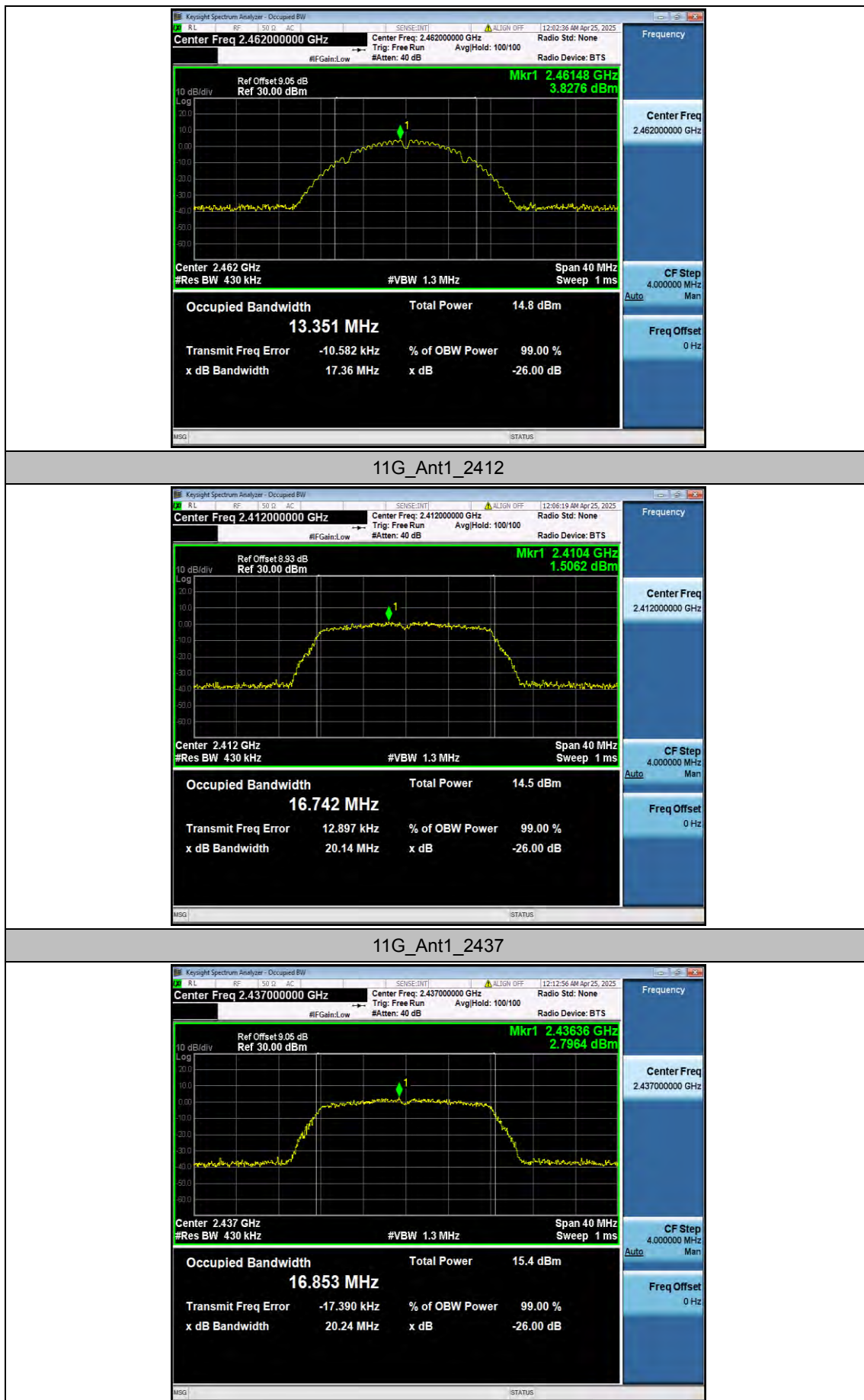
11B_Ant1_2412



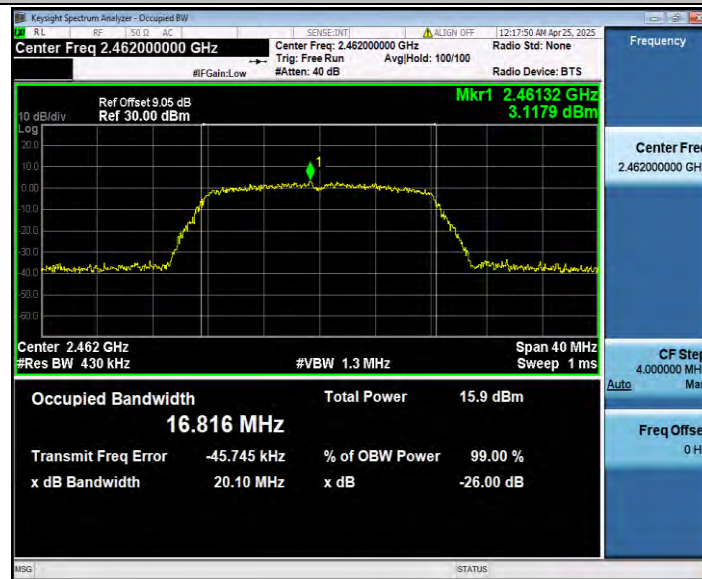
11B_Ant1_2437



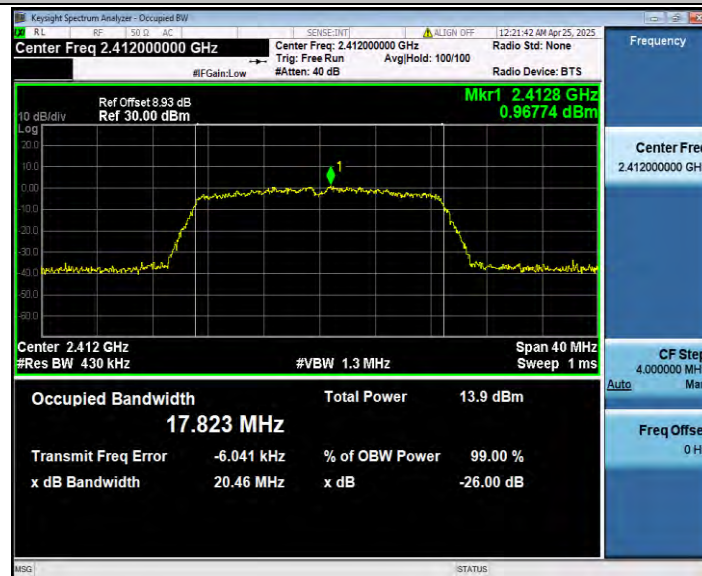
11B_Ant1_2462



11G_Ant1_2462



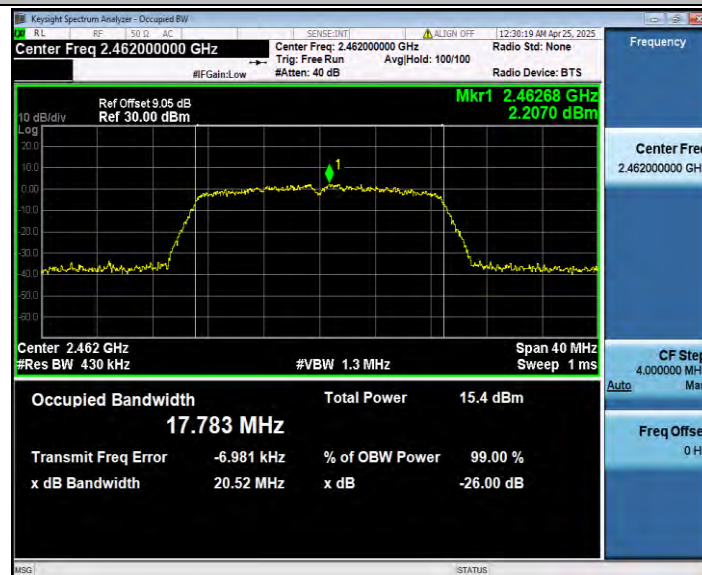
11N20SISO_Ant1_2412



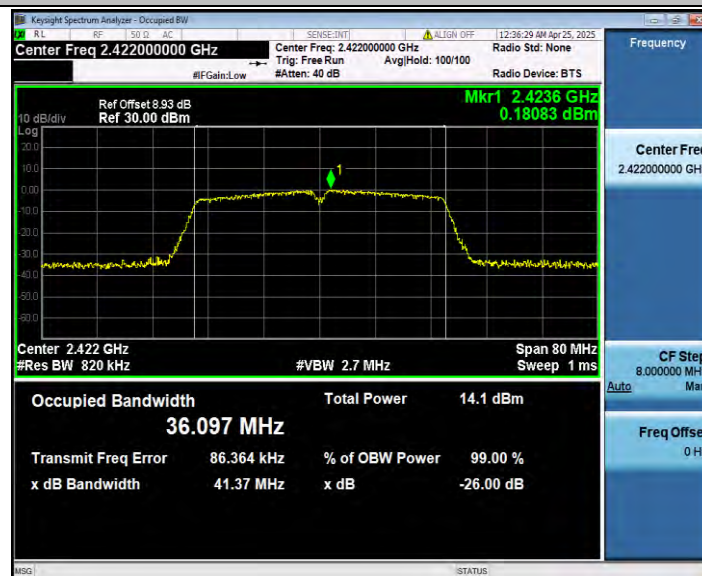
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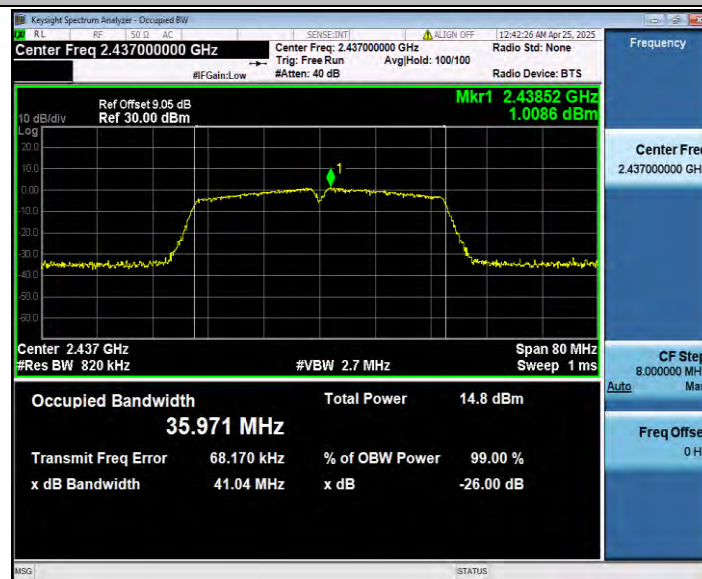
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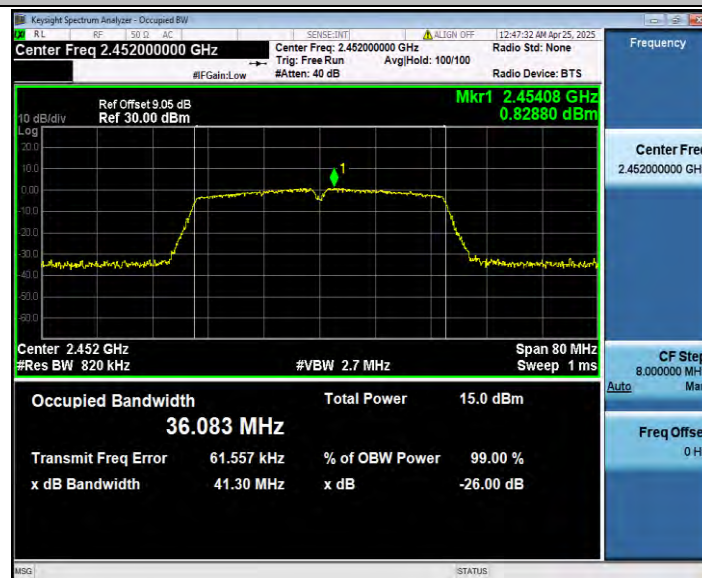
11N40SISO_Ant1_2422



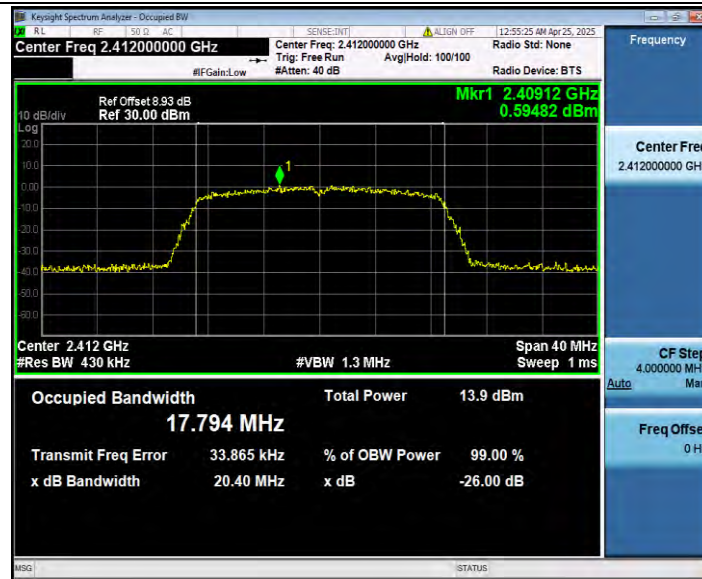
11N40SISO_Ant1_2437



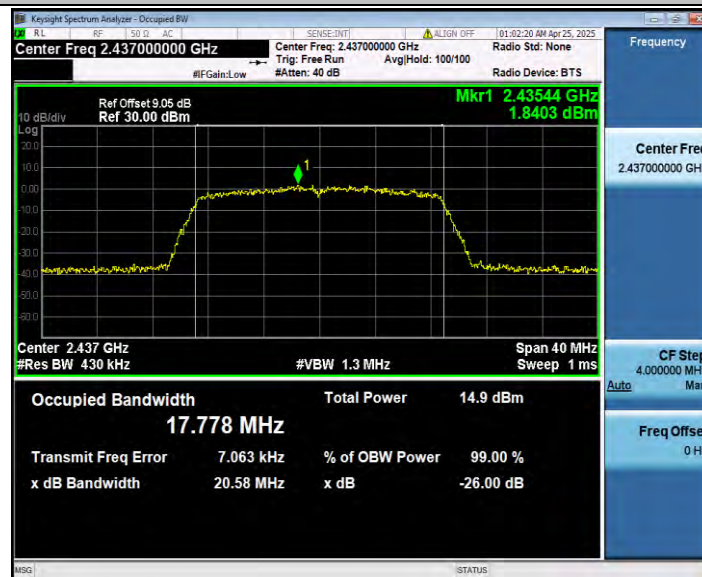
11N40SISO_Ant1_2452



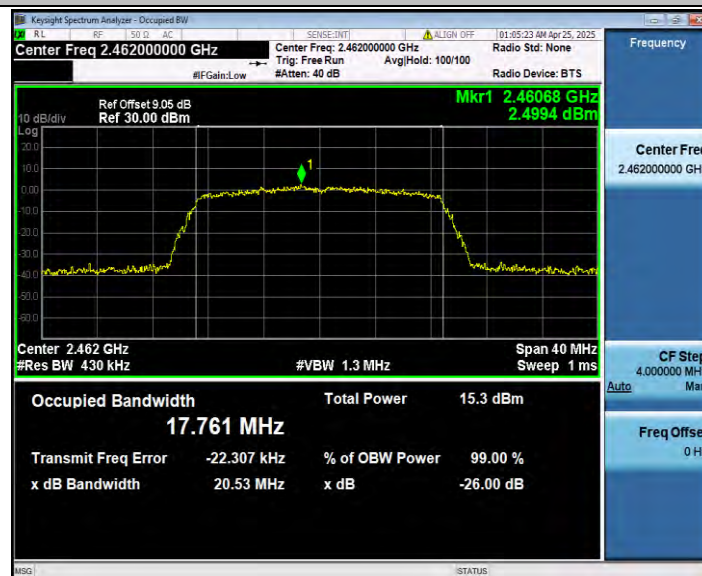
11AX20SISO_Ant1_2412



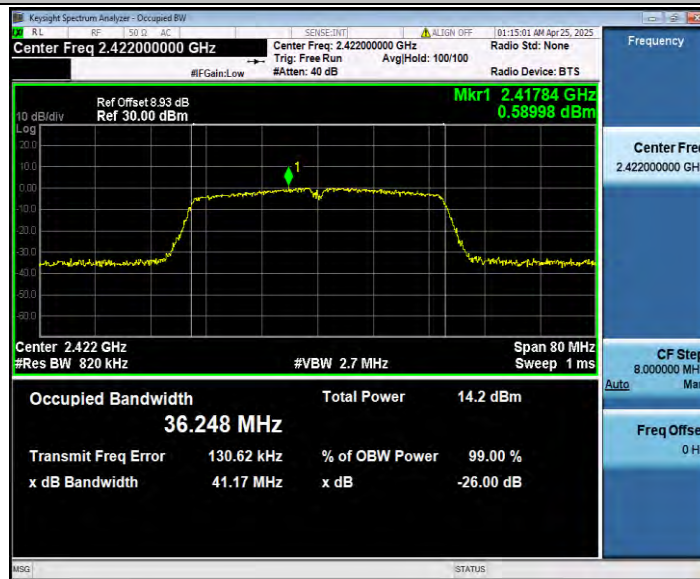
11AX20SISO_Ant1_2437



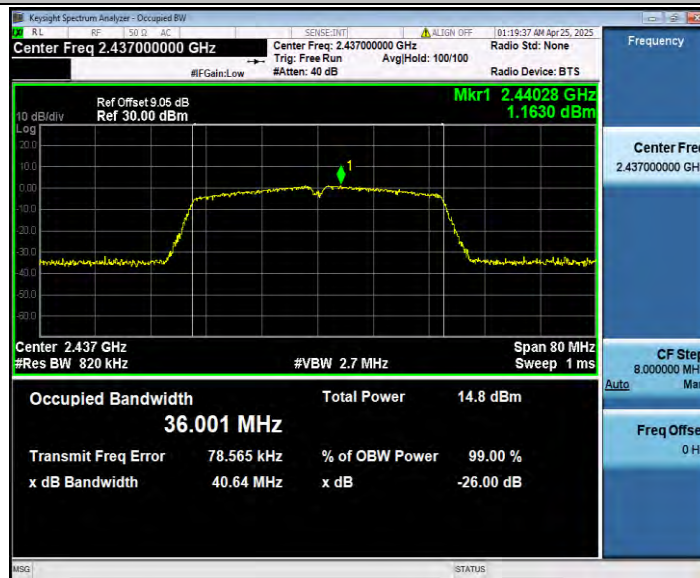
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix A.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	13.33	≤30.00	PASS
		2437	14.58	≤30.00	PASS
		2462	14.83	≤30.00	PASS
11G	Ant1	2412	15.75	≤30.00	PASS
		2437	16.71	≤30.00	PASS
		2462	17.20	≤30.00	PASS
11N20SISO	Ant1	2412	15.33	≤30.00	PASS
		2437	16.23	≤30.00	PASS
		2462	16.87	≤30.00	PASS
11N40SISO	Ant1	2422	14.41	≤30.00	PASS
		2437	15.13	≤30.00	PASS
		2452	15.39	≤30.00	PASS
11AX20SISO	Ant1	2412	15.06	≤30.00	PASS
		2437	16.11	≤30.00	PASS
		2462	16.58	≤30.00	PASS
11AX40SISO	Ant1	2422	14.50	≤30.00	PASS
		2437	15.15	≤30.00	PASS
		2452	15.57	≤30.00	PASS

Appendix A.4: Maximum power spectral density

Test Result

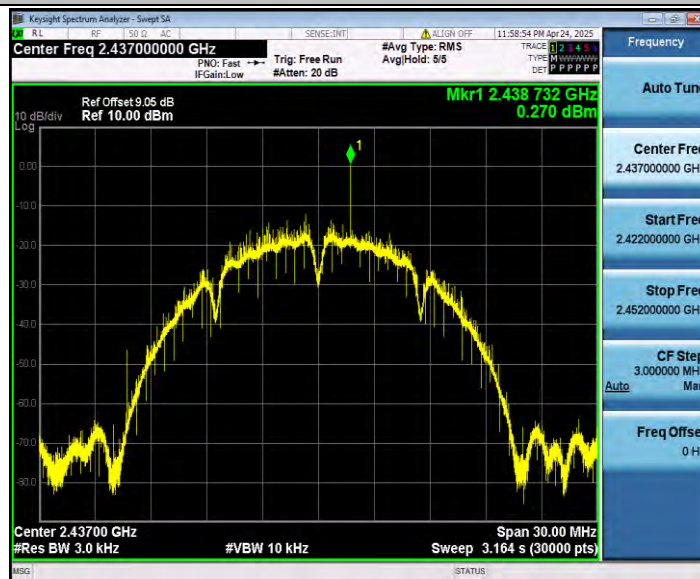
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-4.54	≤8.00	PASS
		2437	0.27	≤8.00	PASS
		2462	-1.05	≤8.00	PASS
11G	Ant1	2412	-22.03	≤8.00	PASS
		2437	-16.18	≤8.00	PASS
		2462	-16.40	≤8.00	PASS
11N20SISO	Ant1	2412	-17.34	≤8.00	PASS
		2437	-17.32	≤8.00	PASS
		2462	-16.11	≤8.00	PASS
11N40SISO	Ant1	2422	-21.16	≤8.00	PASS
		2437	-20.87	≤8.00	PASS
		2452	-20.65	≤8.00	PASS
11AX20SISO	Ant1	2412	-16.58	≤8.00	PASS
		2437	-15.65	≤8.00	PASS
		2462	-15.31	≤8.00	PASS
11AX40SISO	Ant1	2422	-19.84	≤8.00	PASS
		2437	-18.20	≤8.00	PASS
		2452	-19.04	≤8.00	PASS

Test Graphs

11B_Ant1_2412



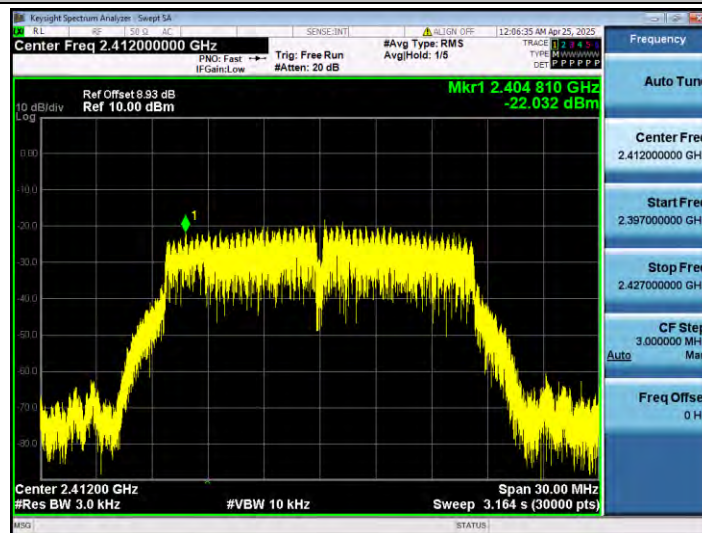
11B_Ant1_2437



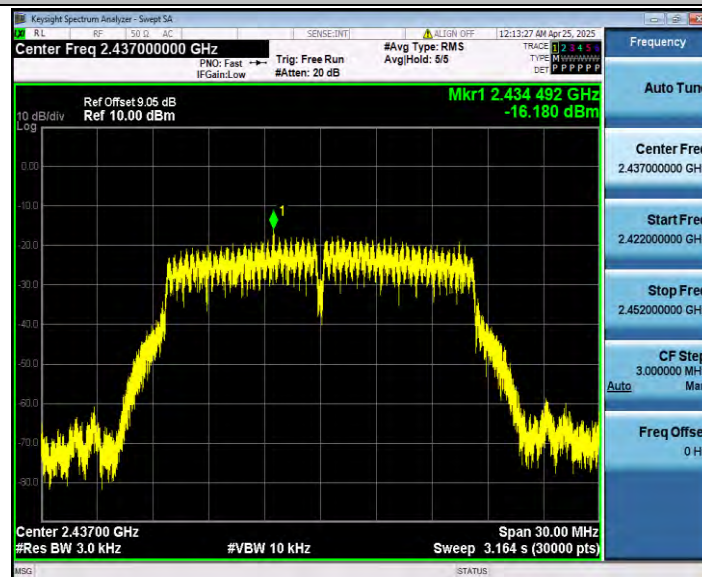
11B_Ant1_2462



11G_Ant1_2412



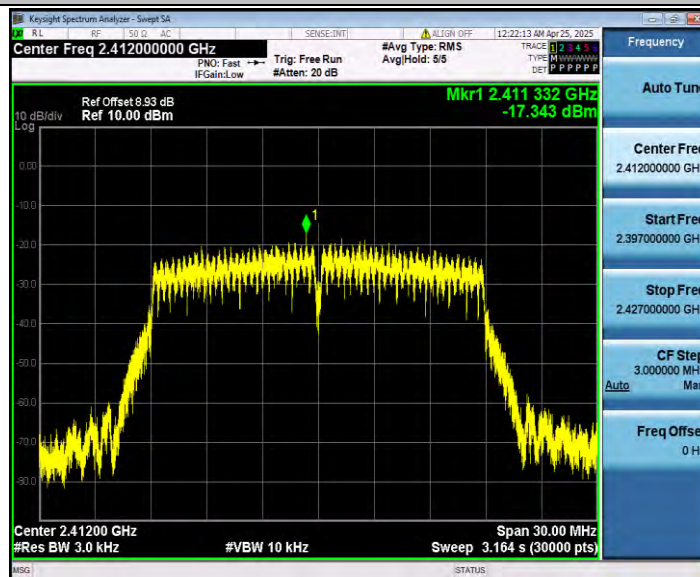
11G_Ant1_2437



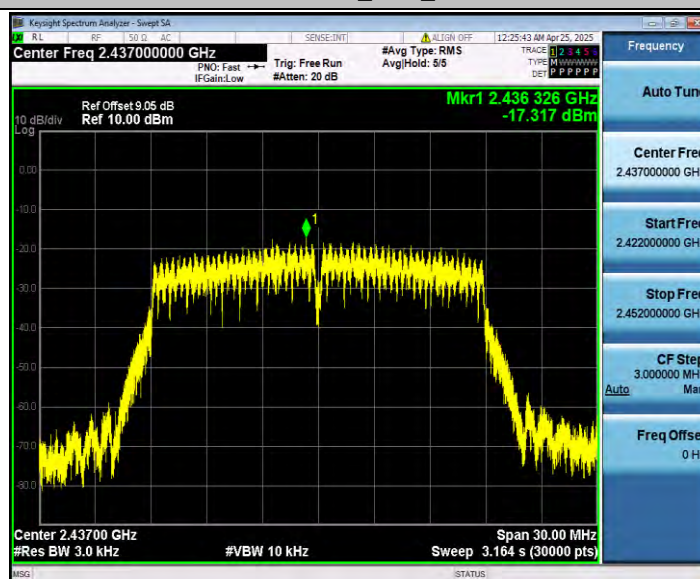
11G_Ant1_2462



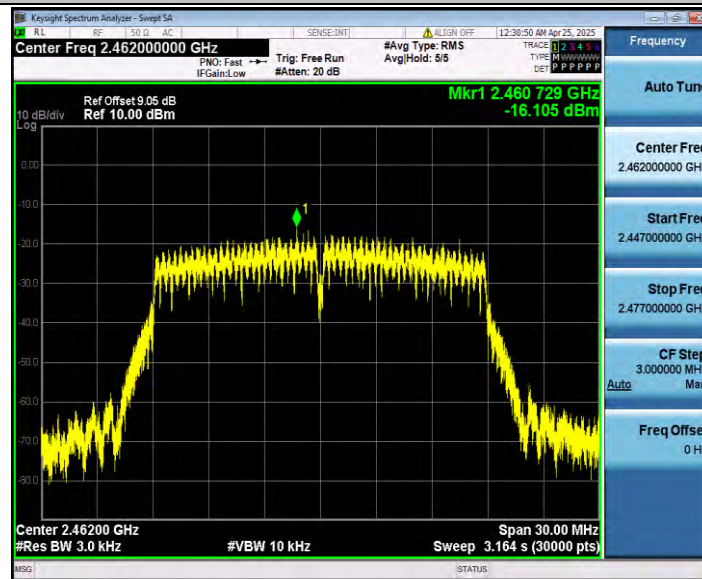
11N20SISO_Ant1_2412



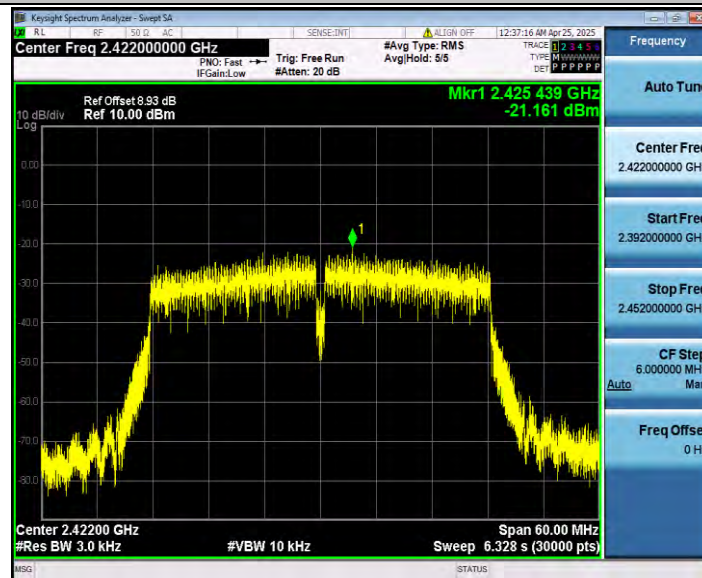
11N20SISO_Ant1_2437



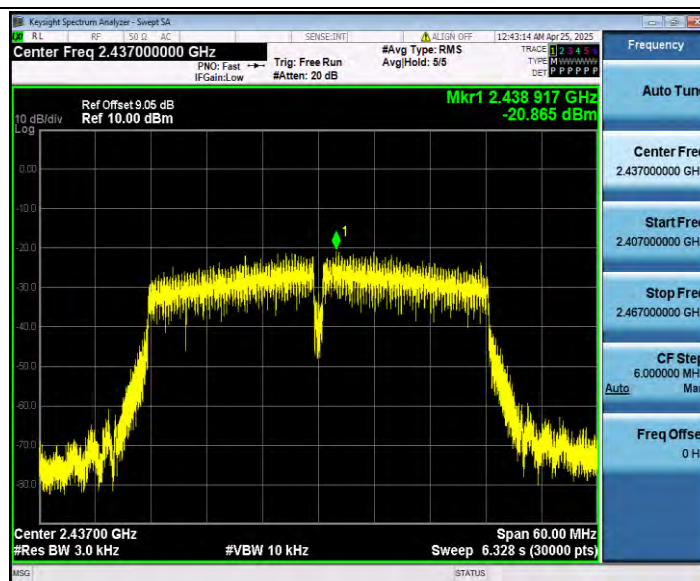
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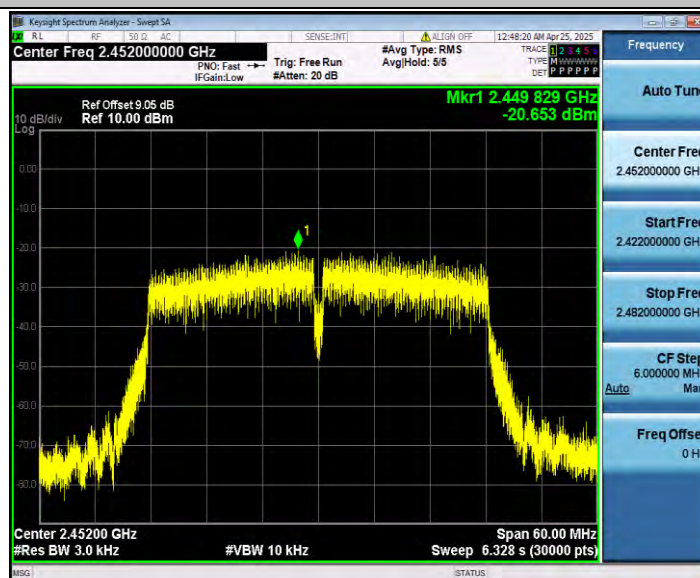
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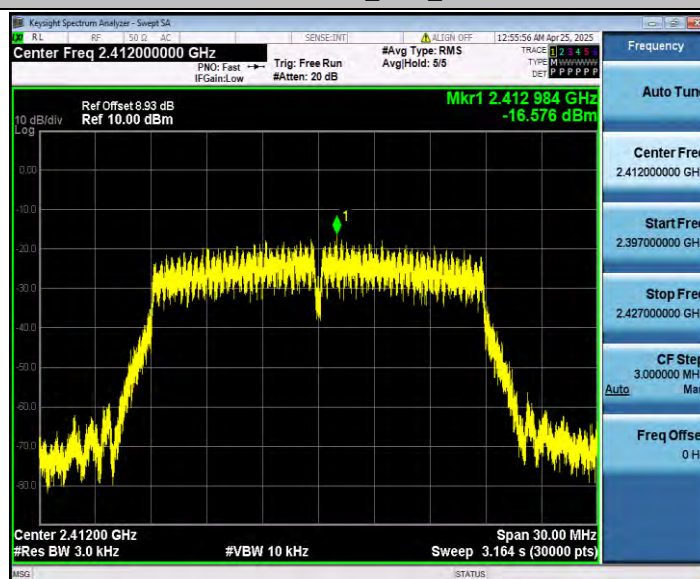
11N40SISO_Ant1_2437



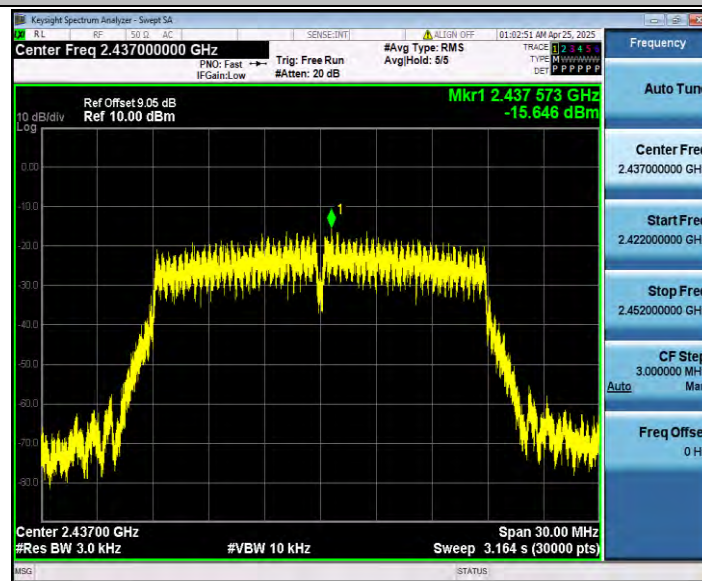
11N40SISO_Ant1_2452



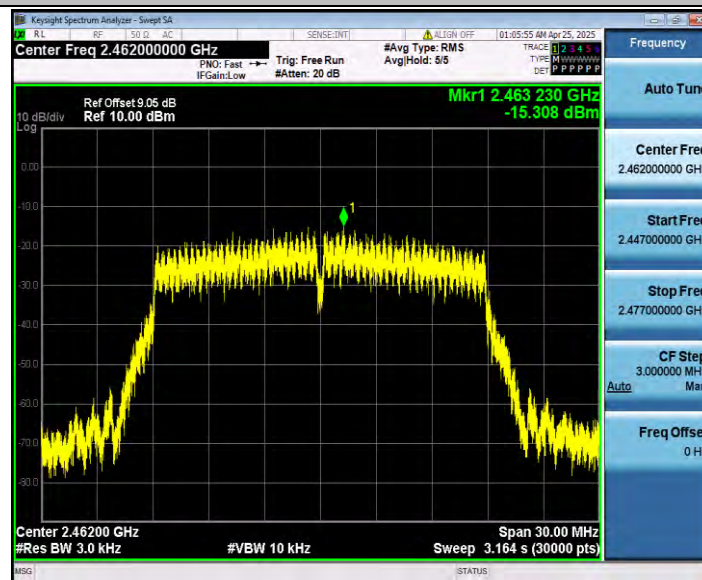
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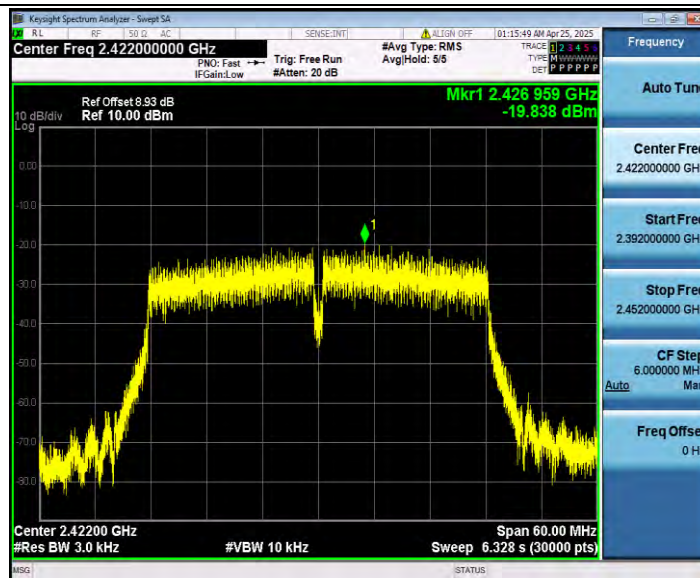
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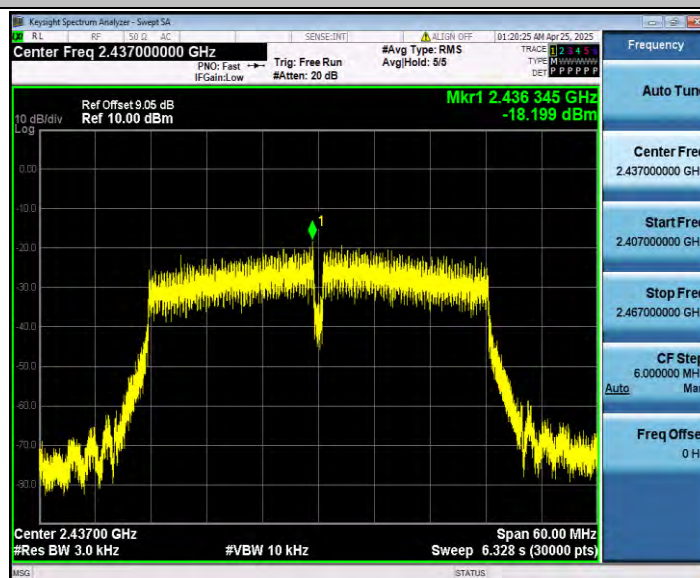
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11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

