

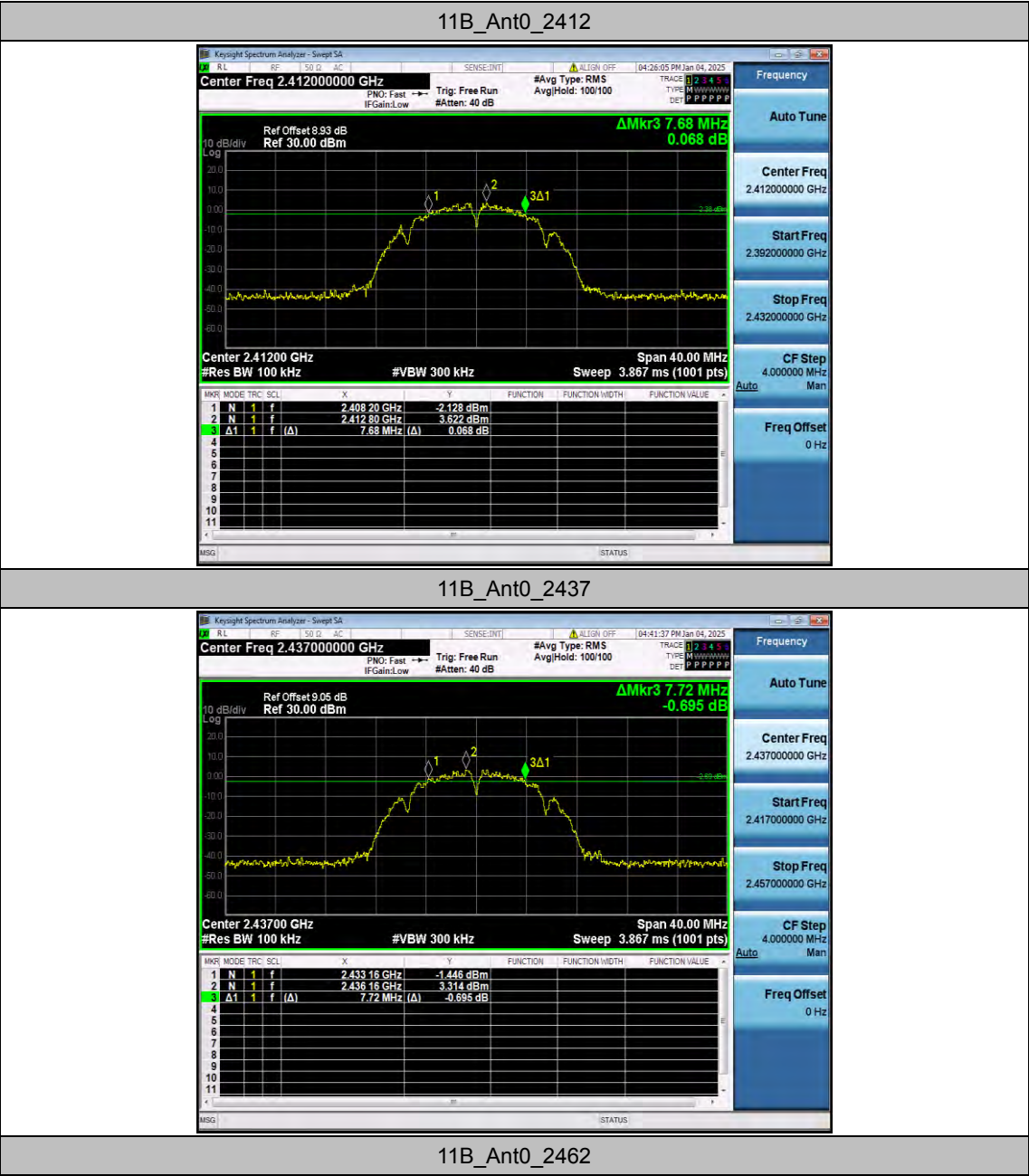
Case No. : <u>GTS20240604012-1-03</u>	
Ambient Condition: <u>23</u> °C, <u>52</u> %RH,	
Test Date: <u>2025.1.3</u>	Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	7.680	2408.200	2415.880	0.5	PASS
		2437	7.720	2433.160	2440.880	0.5	PASS
		2462	7.680	2458.160	2465.840	0.5	PASS
11G	Ant0	2412	15.160	2404.440	2419.600	0.5	PASS
		2437	15.160	2429.440	2444.600	0.5	PASS
		2462	15.160	2454.440	2469.600	0.5	PASS
11N20SISO	Ant0	2412	15.160	2404.440	2419.600	0.5	PASS
		2437	15.160	2429.440	2444.600	0.5	PASS
		2462	15.160	2454.440	2469.600	0.5	PASS
11N40SISO	Ant0	2422	35.200	2404.400	2439.600	0.5	PASS
		2437	35.200	2419.400	2454.600	0.5	PASS
		2452	35.120	2434.480	2469.600	0.5	PASS
11AX20SISO	Ant0	2412	15.160	2404.440	2419.600	0.5	PASS
		2437	15.200	2429.440	2444.640	0.5	PASS
		2462	15.200	2454.440	2469.640	0.5	PASS
11AX40SISO	Ant0	2422	35.200	2404.400	2439.600	0.5	PASS
		2437	35.200	2419.400	2454.600	0.5	PASS
		2452	35.120	2434.480	2469.600	0.5	PASS

Test Graphs



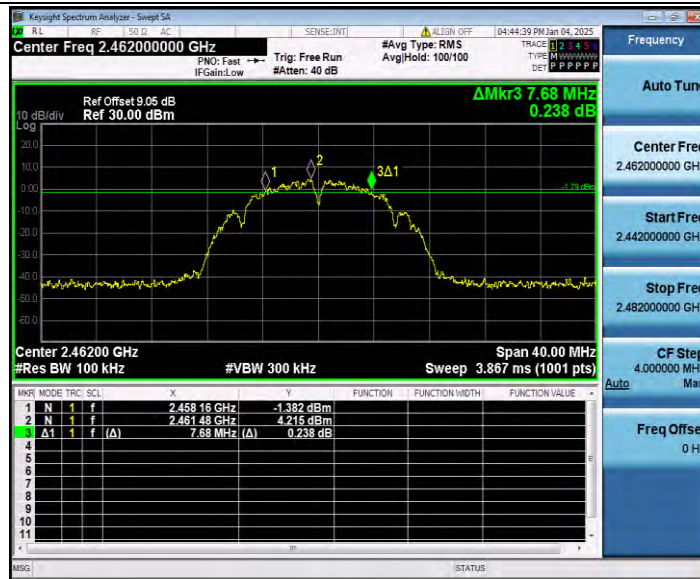
11B_Ant0_2437

Frequency

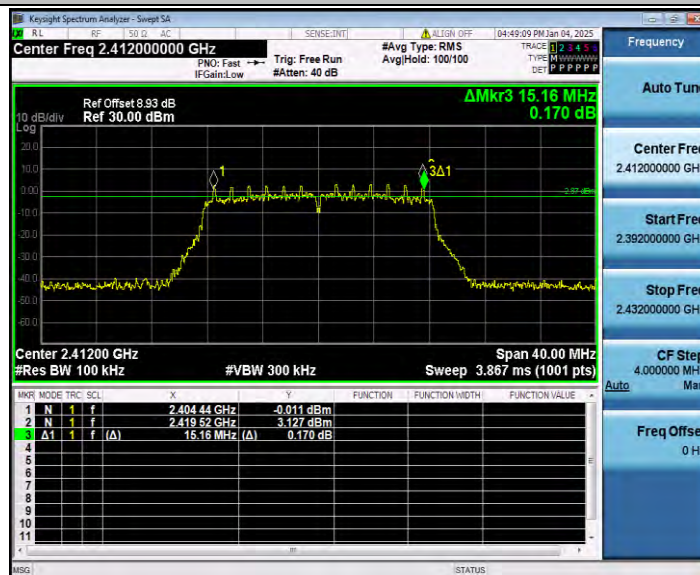
Auto Tune

Center Freq
2.43700000 GHzStart Freq
2.417000000 GHzStop Freq
2.457000000 GHzCF Step
4.000000 MHz
Auto ManFreq Offset
0 Hz

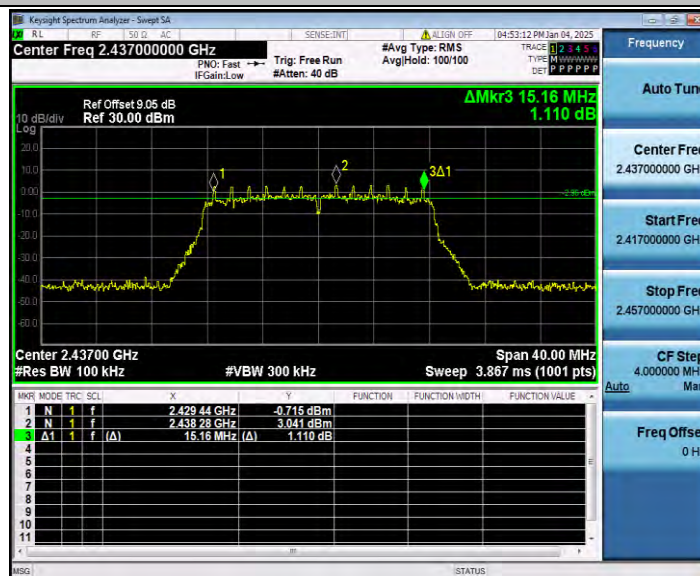
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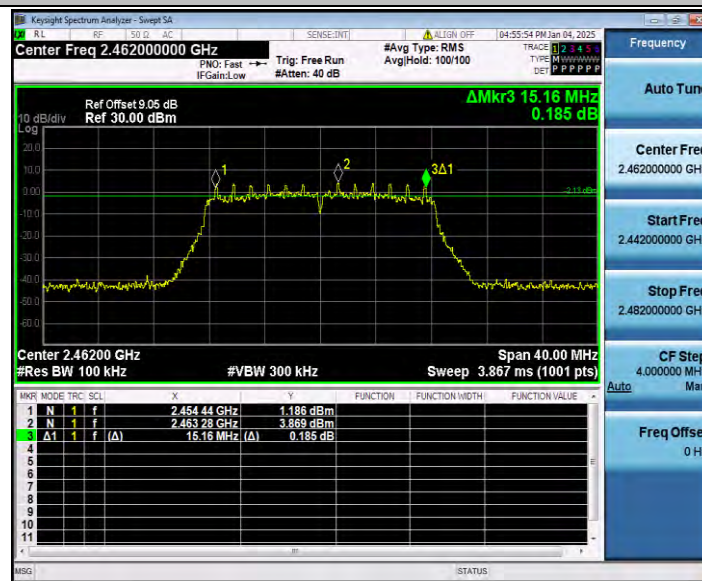
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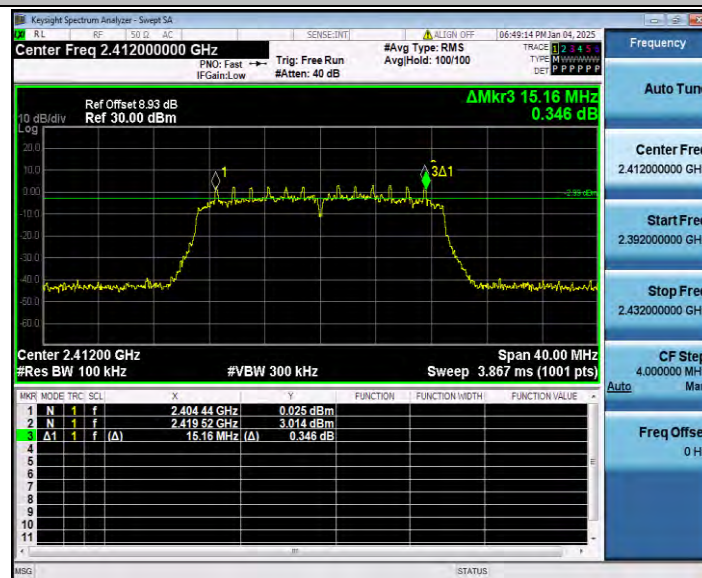
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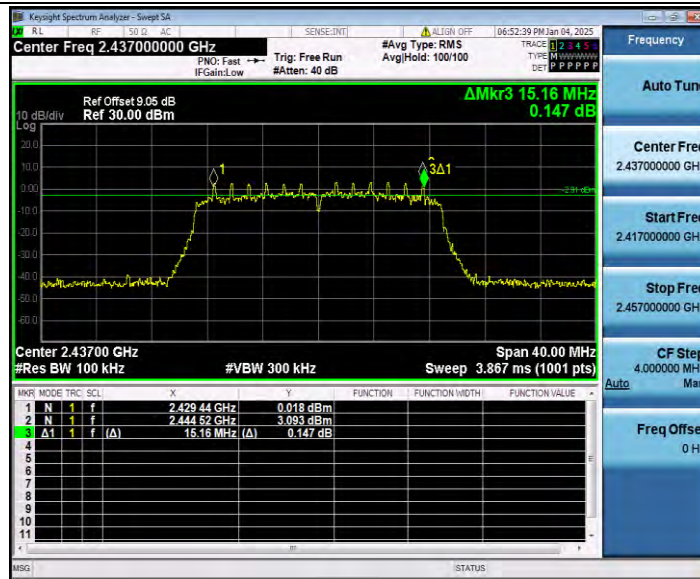
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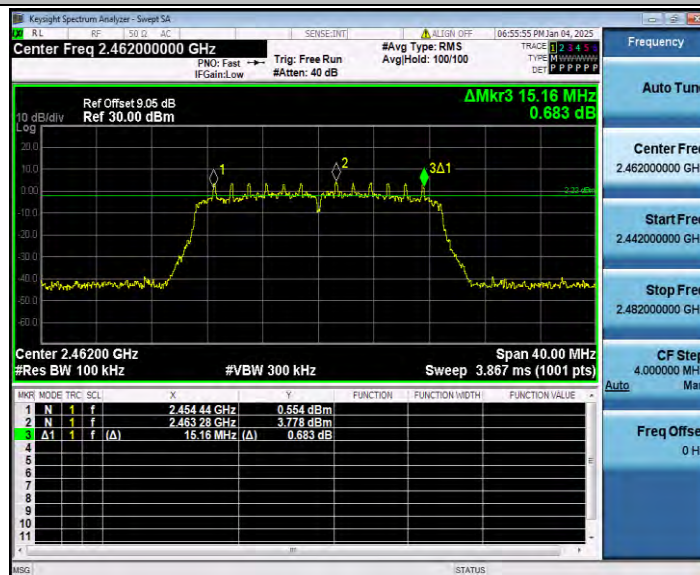
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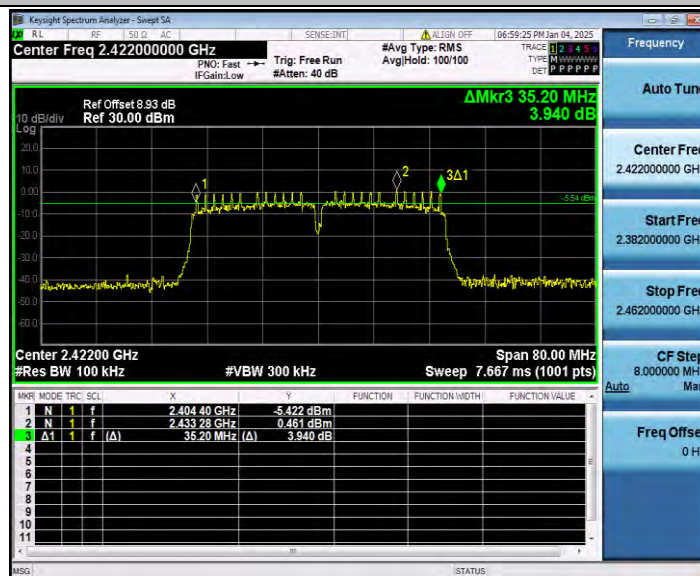
11N20SISO_Ant0_2437



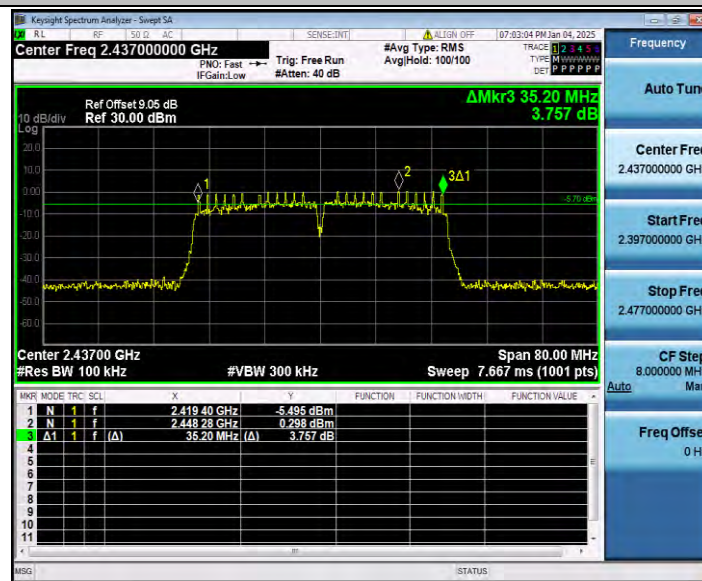
11N20SISO_Ant0_2462



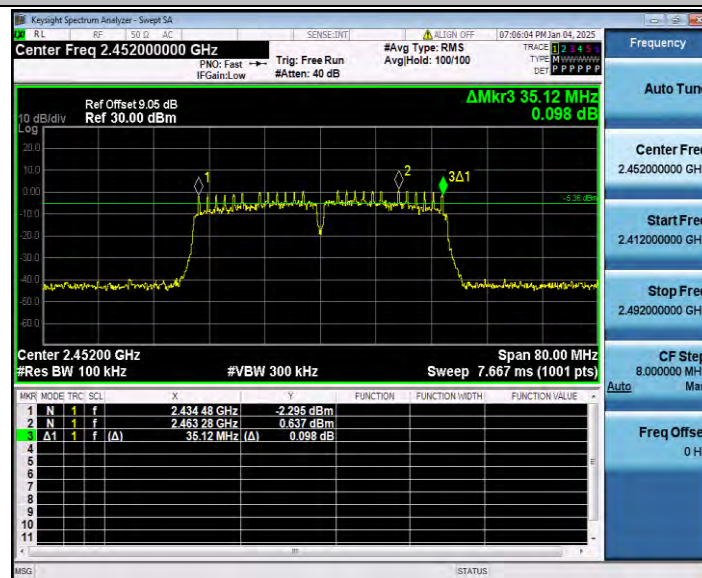
11N40SISO_Ant0_2422



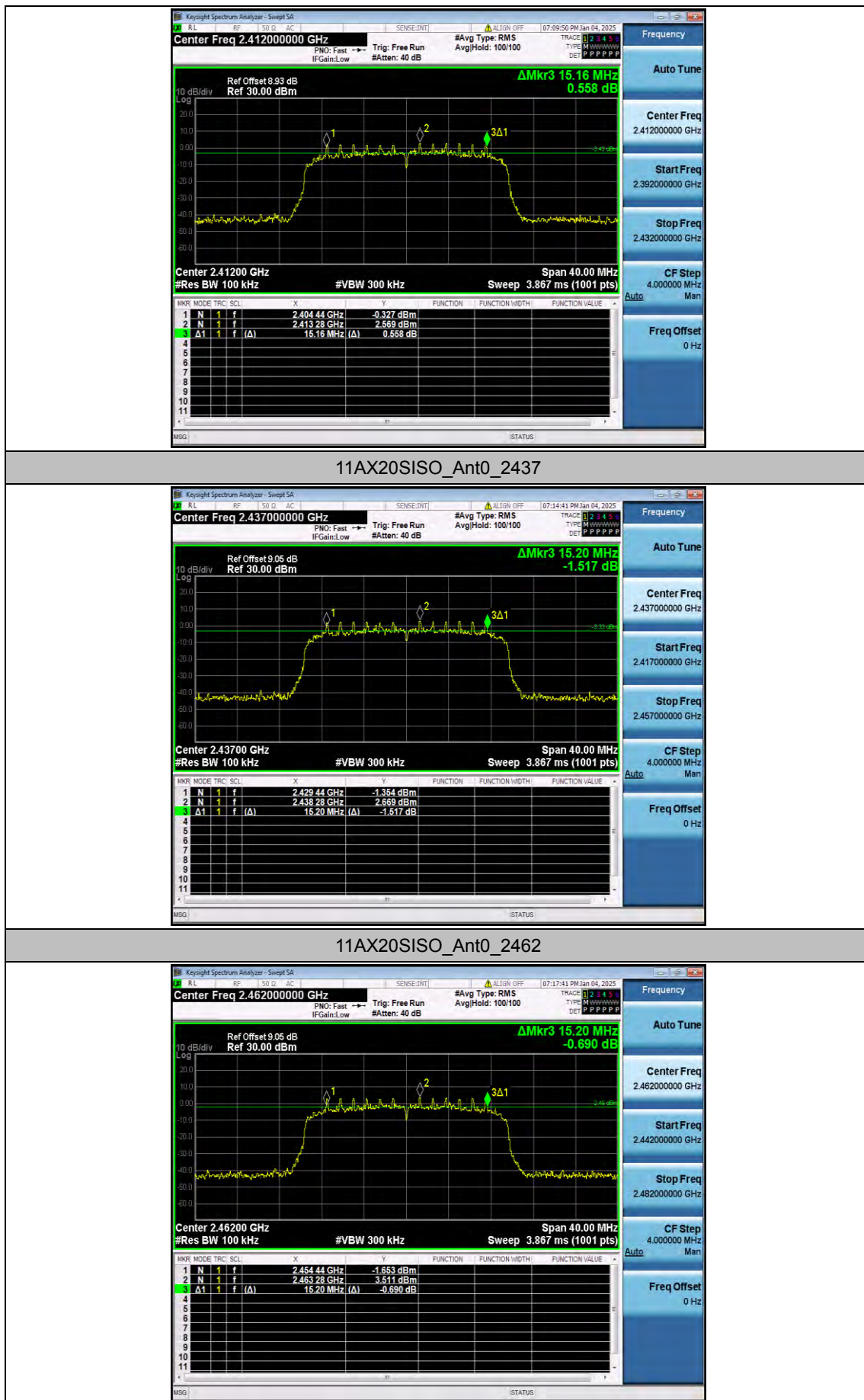
11N40SISO_Ant0_2437



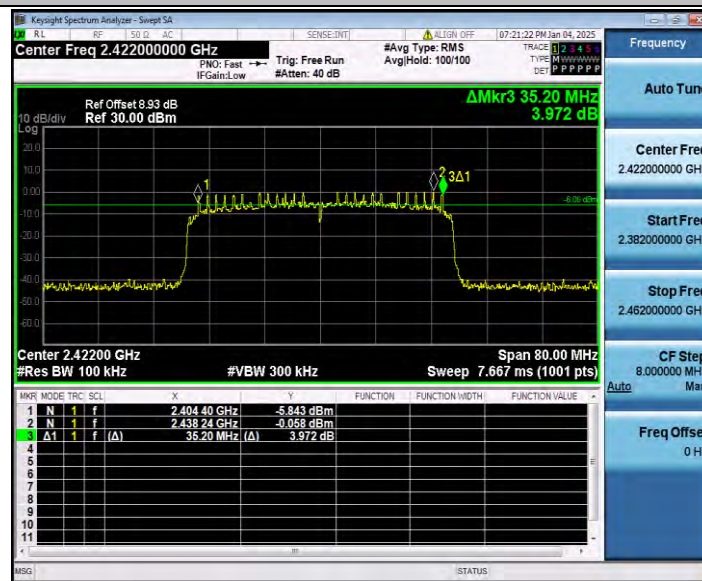
11N40SISO_Ant0_2452



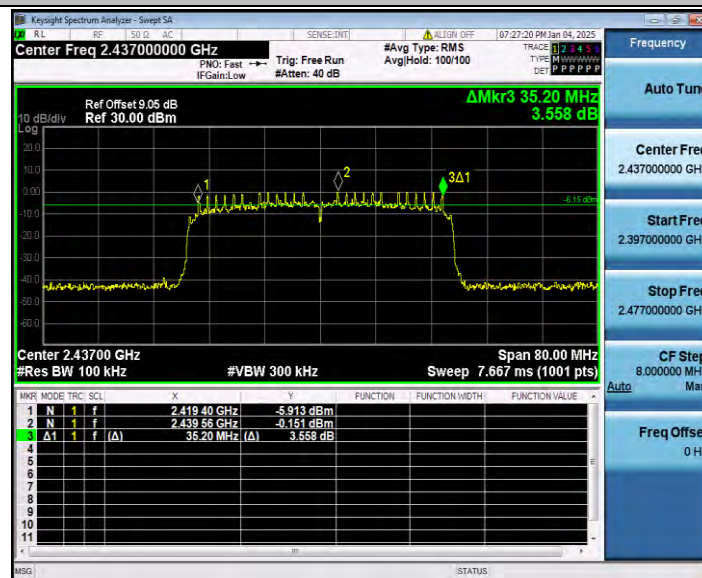
11AX20SISO_Ant0_2412



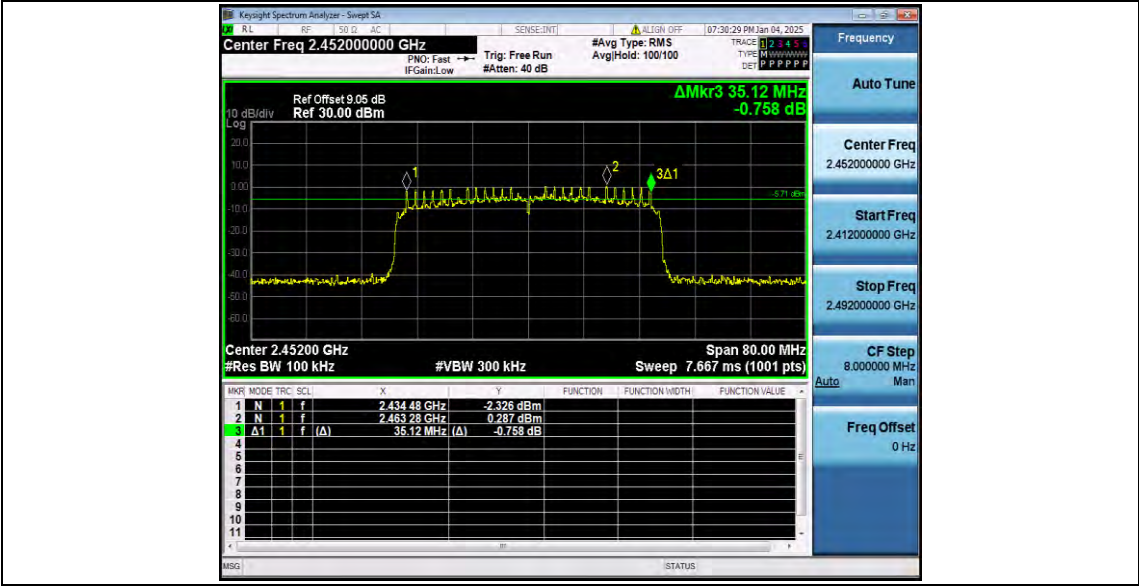
11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



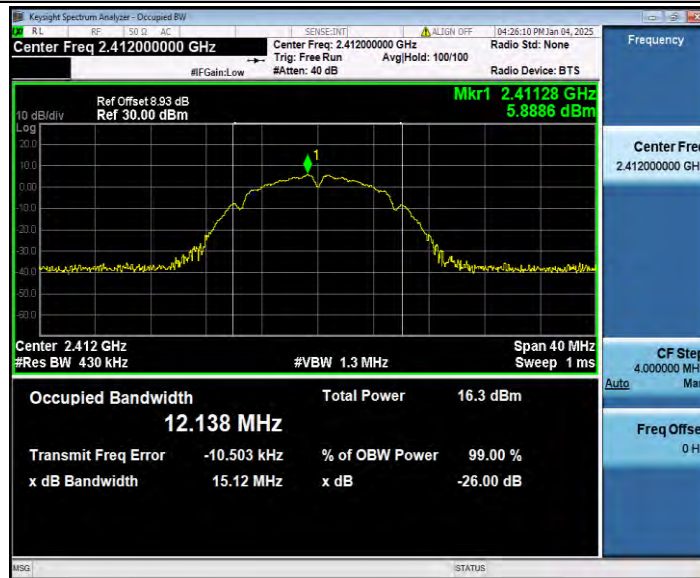
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	12.138	2405.9205	2418.0585	---	---
		2437	12.194	2430.9183	2443.1123	---	---
		2462	12.136	2455.9363	2468.0723	---	---
11G	Ant0	2412	16.480	2403.8065	2420.2865	---	---
		2437	16.495	2428.8006	2445.2956	---	---
		2462	16.527	2453.7588	2470.2858	---	---
11N20SISO	Ant0	2412	17.407	2403.3140	2420.7210	---	---
		2437	17.412	2428.3357	2445.7477	---	---
		2462	17.429	2453.3117	2470.7407	---	---
11N40SISO	Ant0	2422	35.822	2404.2089	2440.0309	---	---
		2437	35.726	2419.2786	2455.0046	---	---
		2452	35.700	2434.2801	2469.9801	---	---
11AX20SISO	Ant0	2412	18.351	2402.8663	2421.2173	---	---
		2437	18.297	2427.8953	2446.1923	---	---
		2462	18.367	2452.8290	2471.1960	---	---
11AX40SISO	Ant0	2422	36.573	2403.8716	2440.4446	---	---
		2437	36.583	2418.8550	2455.4380	---	---
		2452	36.428	2433.9668	2470.3948	---	---

Test Graphs

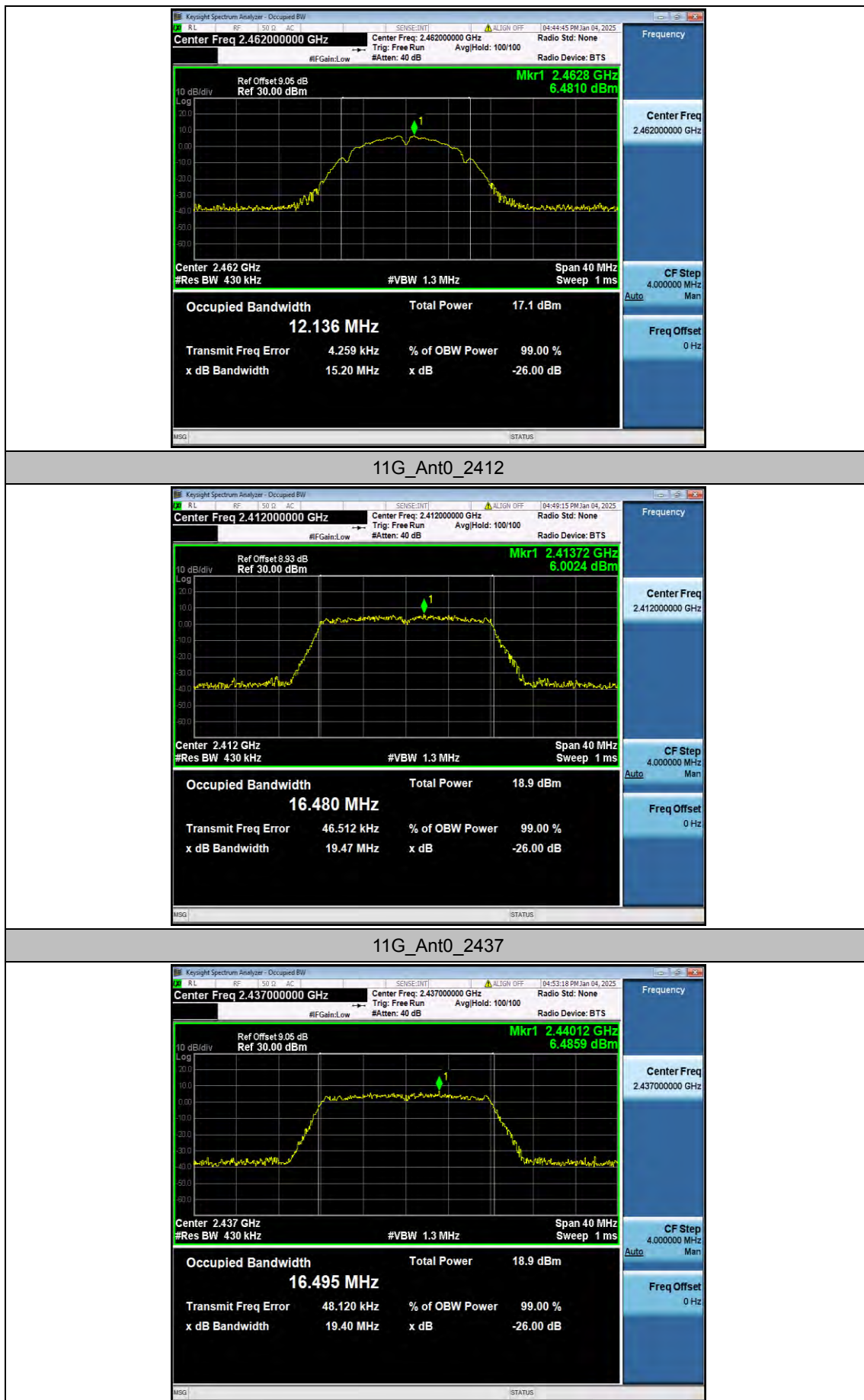
11B_Ant0_2412



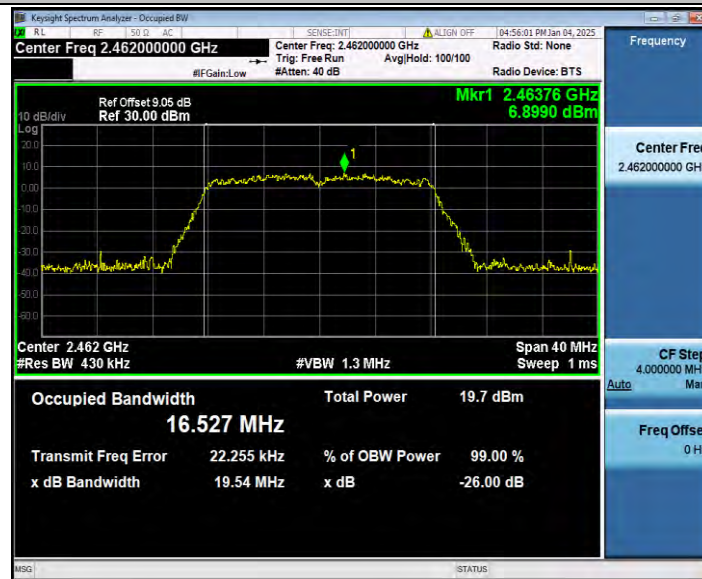
11B_Ant0_2437



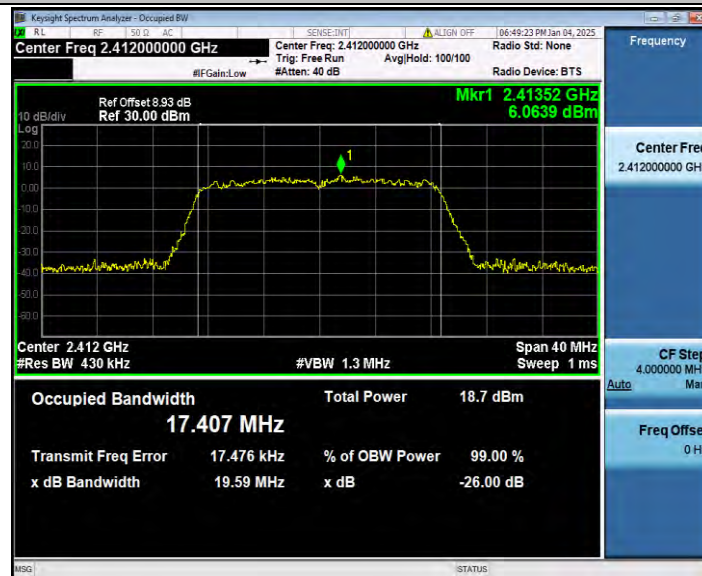
11B_Ant0_2462



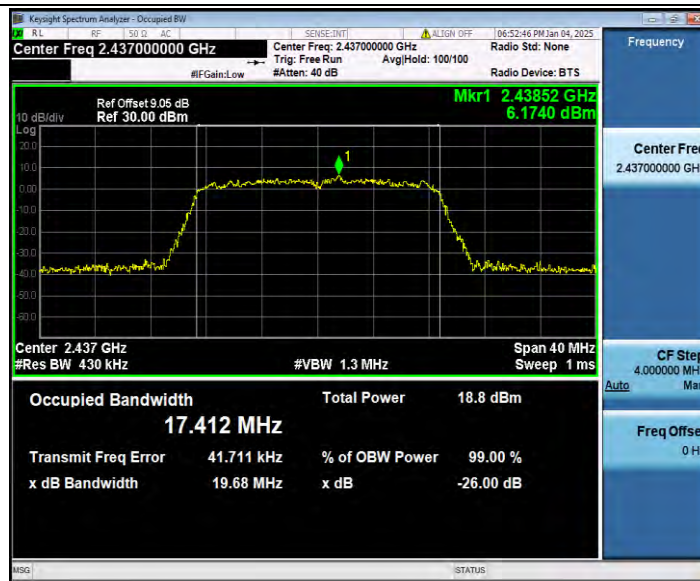
11G_Ant0_2462



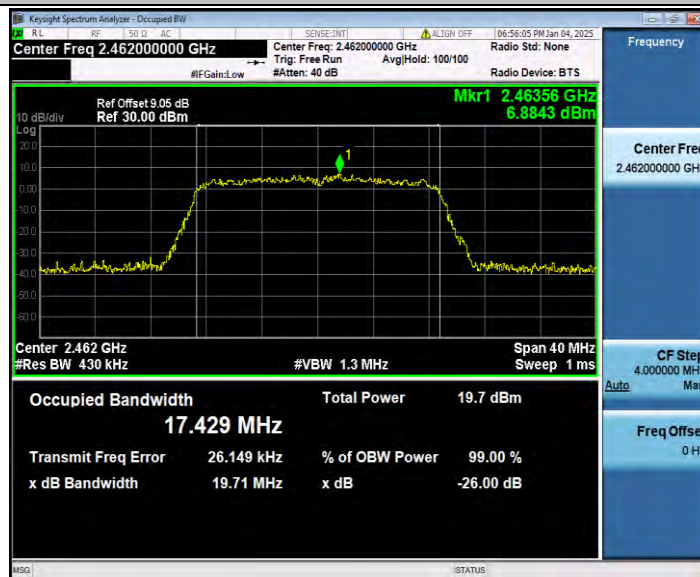
11N20SISO_Ant0_2412



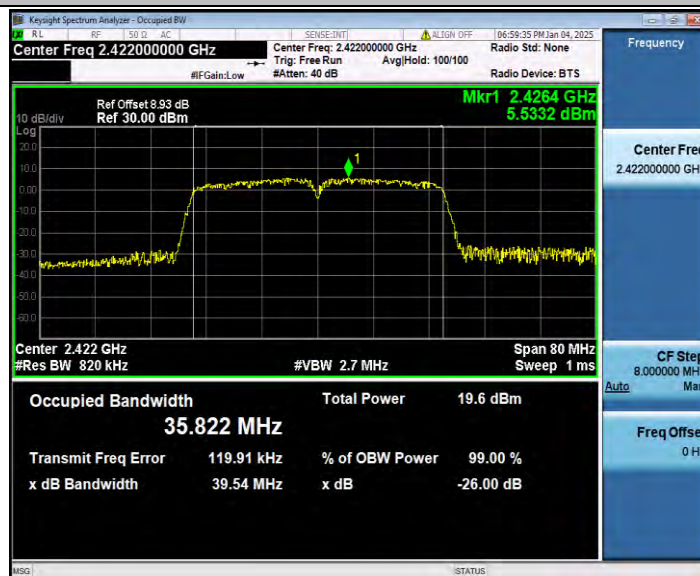
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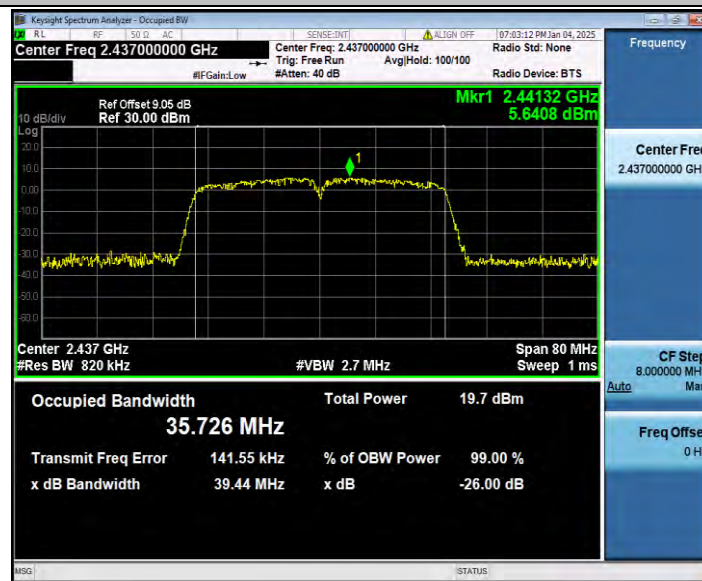
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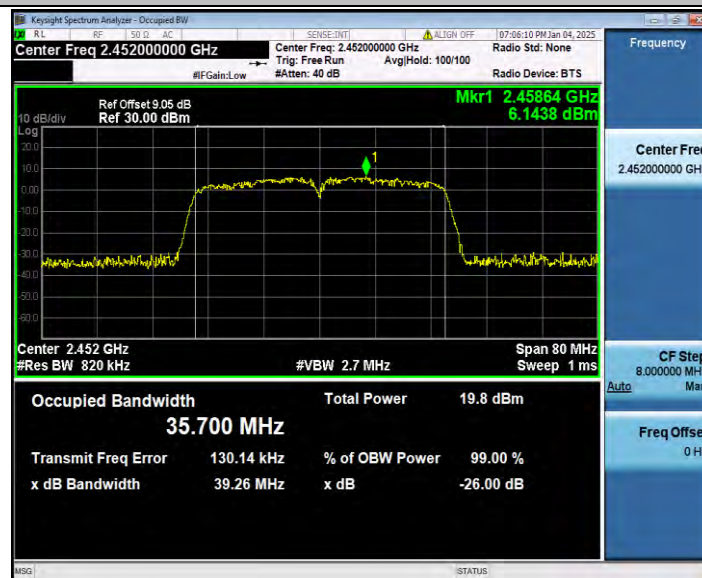
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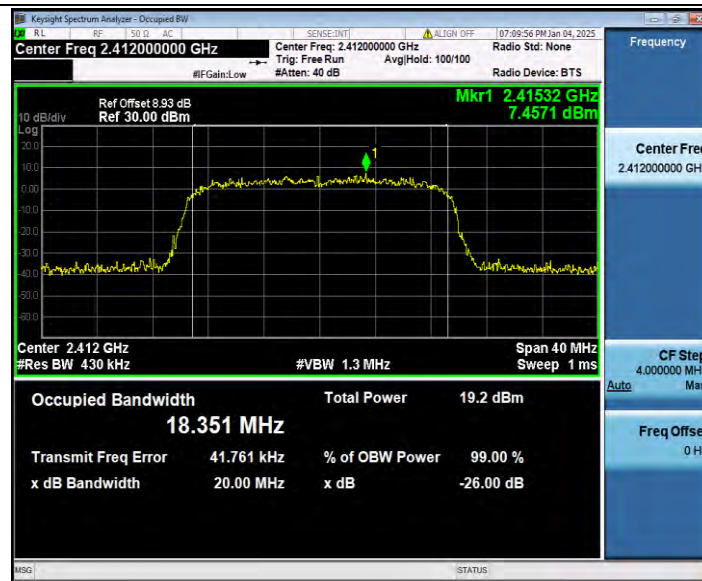
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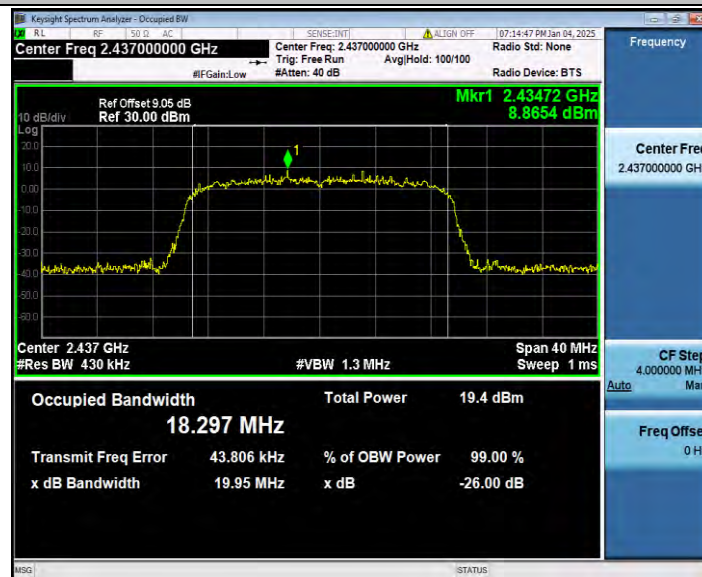
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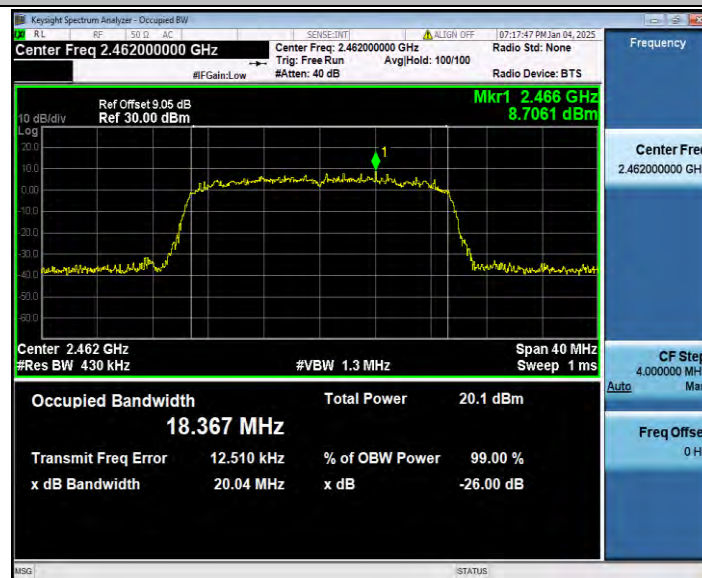
11AX20SISO_Ant0_2412



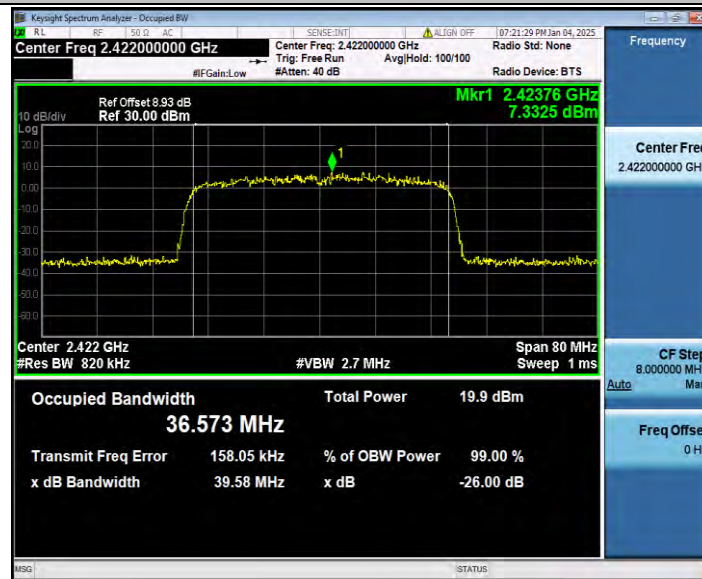
11AX20SISO_Ant0_2437



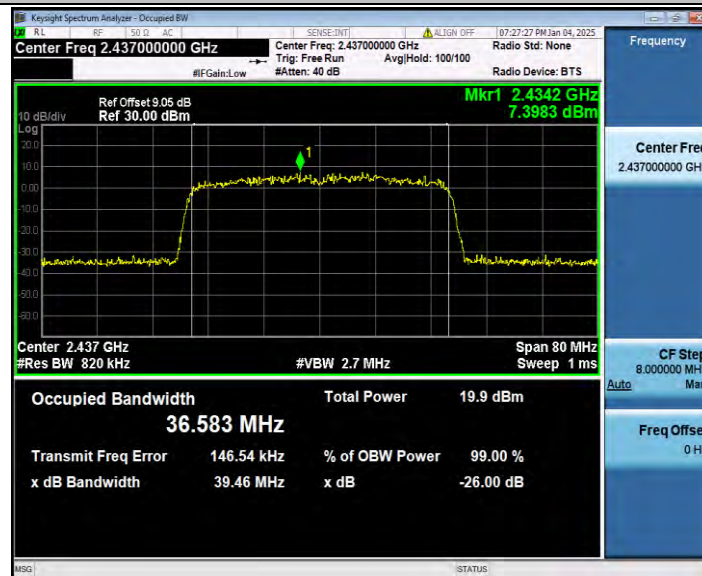
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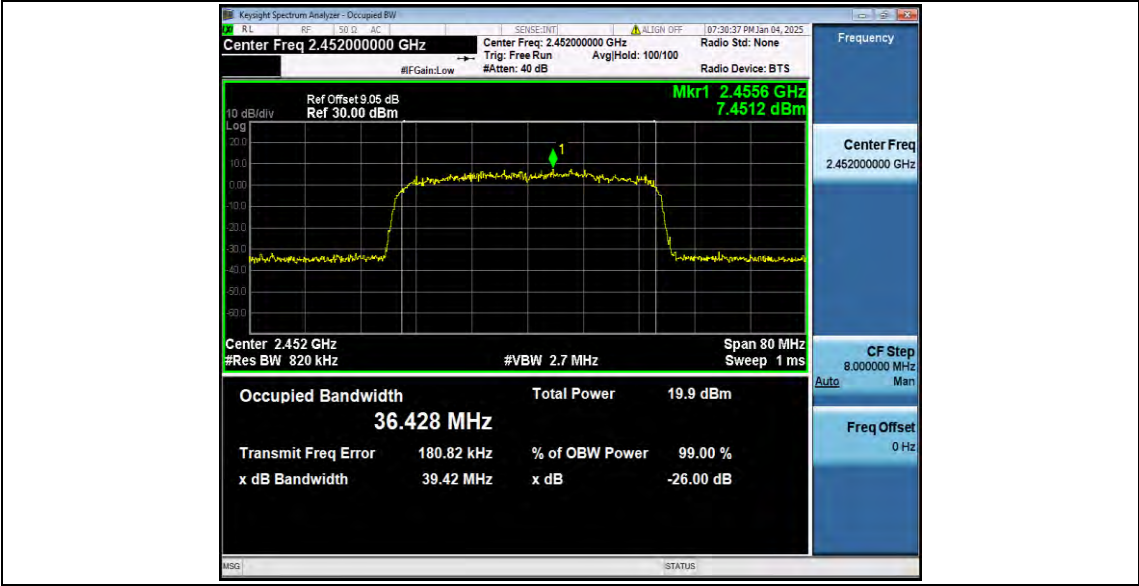
11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	15.95	≤30.00	PASS
		2437	15.78	≤30.00	PASS
		2462	16.79	≤30.00	PASS
11G	Ant0	2412	19.87	≤30.00	PASS
		2437	19.98	≤30.00	PASS
		2462	20.81	≤30.00	PASS
11N20SISO	Ant0	2412	19.59	≤30.00	PASS
		2437	19.71	≤30.00	PASS
		2462	20.41	≤30.00	PASS
11N40SISO	Ant0	2422	19.82	≤30.00	PASS
		2437	19.87	≤30.00	PASS
		2452	19.98	≤30.00	PASS
11AX20SISO	Ant0	2412	19.86	≤30.00	PASS
		2437	20.12	≤30.00	PASS
		2462	20.85	≤30.00	PASS
11AX40SISO	Ant0	2422	19.95	≤30.00	PASS
		2437	19.91	≤30.00	PASS
		2452	20.11	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

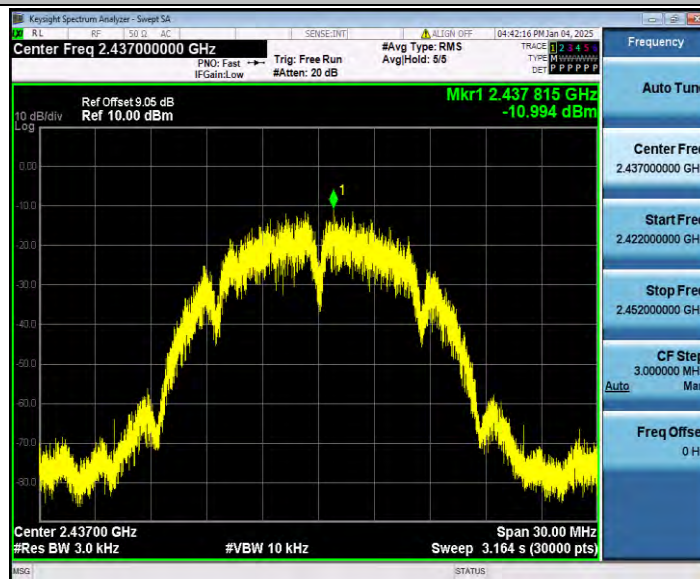
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant0	2412	-10.61	≤8.00	PASS
		2437	-10.99	≤8.00	PASS
		2462	-9.23	≤8.00	PASS
11G	Ant0	2412	-13.91	≤8.00	PASS
		2437	-12.55	≤8.00	PASS
		2462	-12.55	≤8.00	PASS
11N20SISO	Ant0	2412	-13.00	≤8.00	PASS
		2437	-13.67	≤8.00	PASS
		2462	-13.41	≤8.00	PASS
11N40SISO	Ant0	2422	-14.49	≤8.00	PASS
		2437	-15.48	≤8.00	PASS
		2452	-14.92	≤8.00	PASS
11AX20SISO	Ant0	2412	-13.08	≤8.00	PASS
		2437	-12.98	≤8.00	PASS
		2462	-12.63	≤8.00	PASS
11AX40SISO	Ant0	2422	-15.34	≤8.00	PASS
		2437	-15.56	≤8.00	PASS
		2452	-15.17	≤8.00	PASS

Test Graphs

11B_Ant0_2412



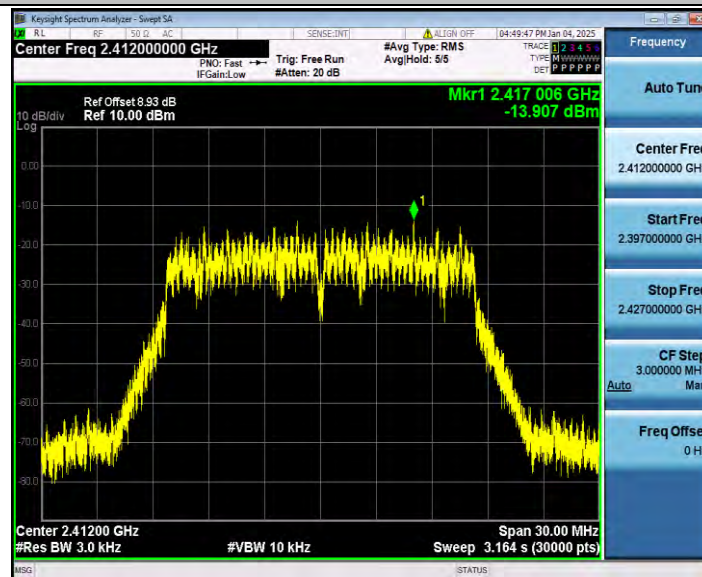
11B_Ant0_2437



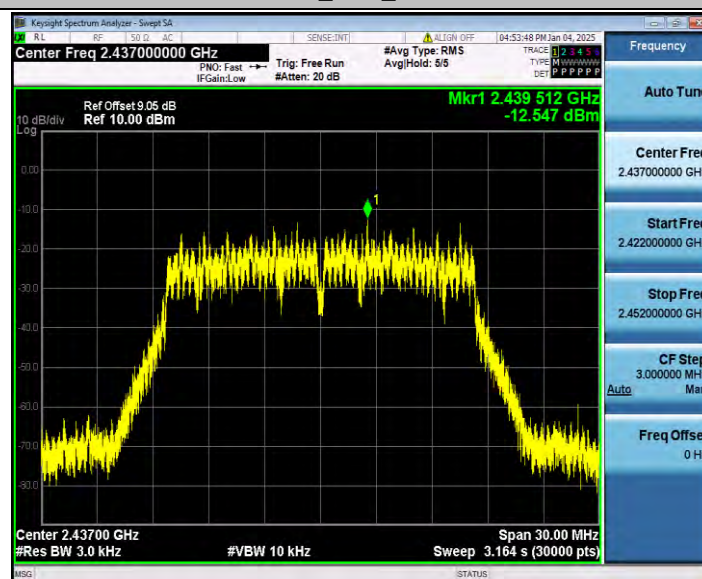
11B_Ant0_2462



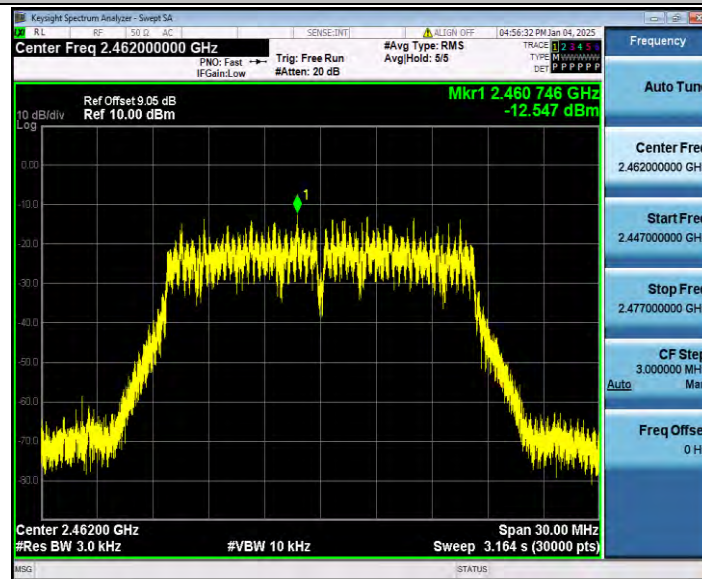
11G_Ant0_2412



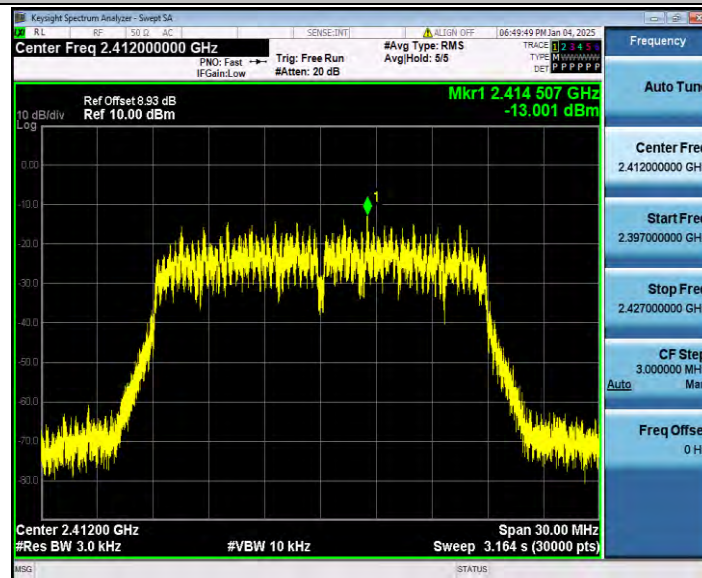
11G_Ant0_2437



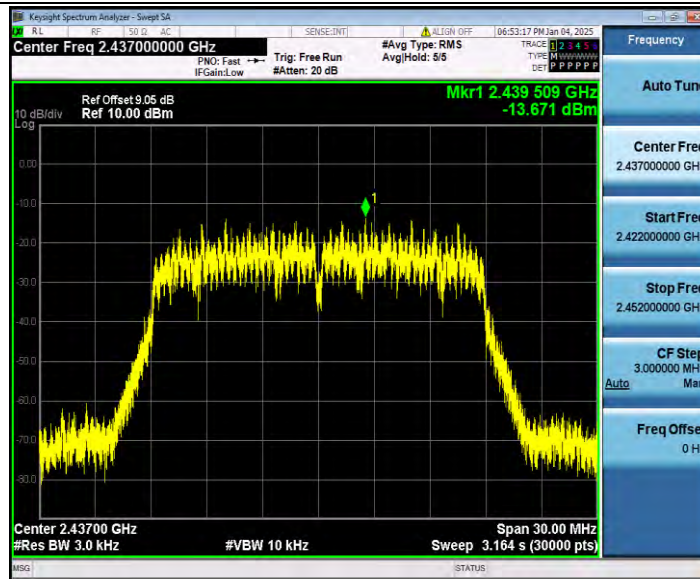
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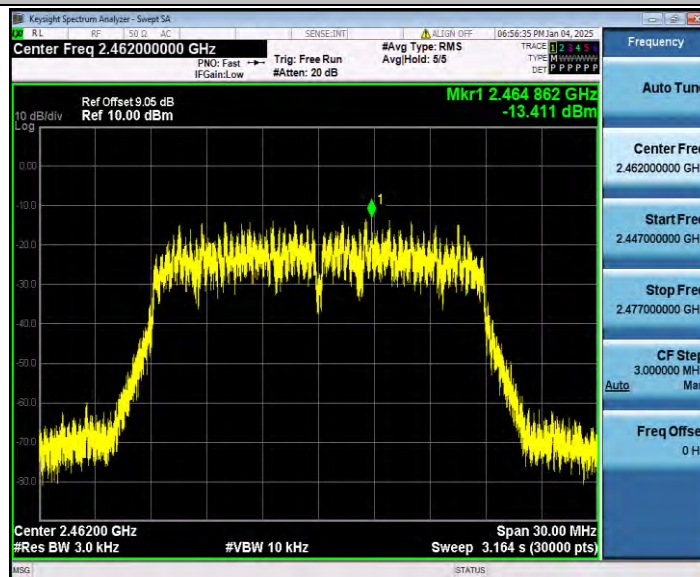
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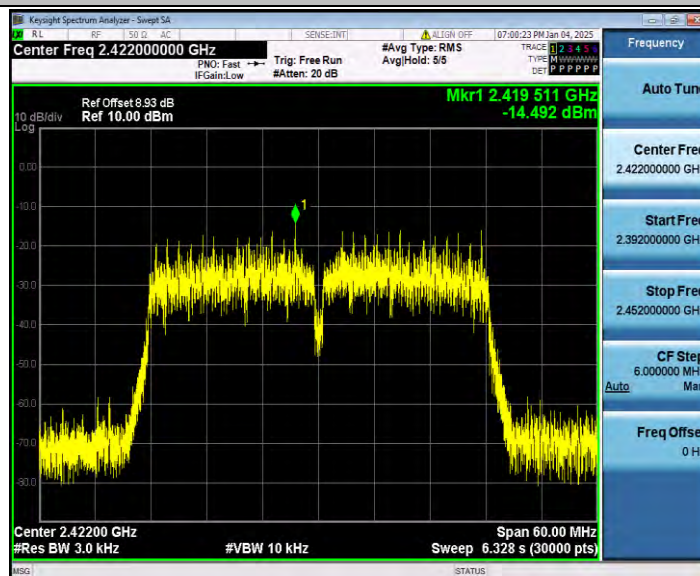
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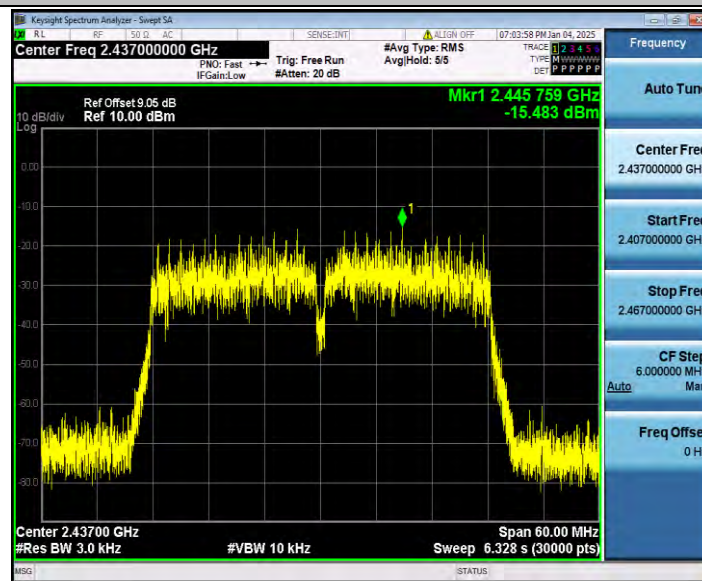
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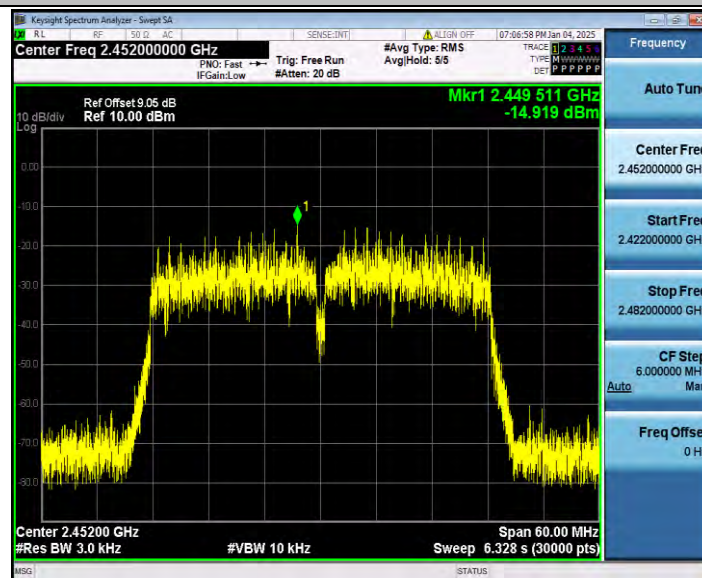
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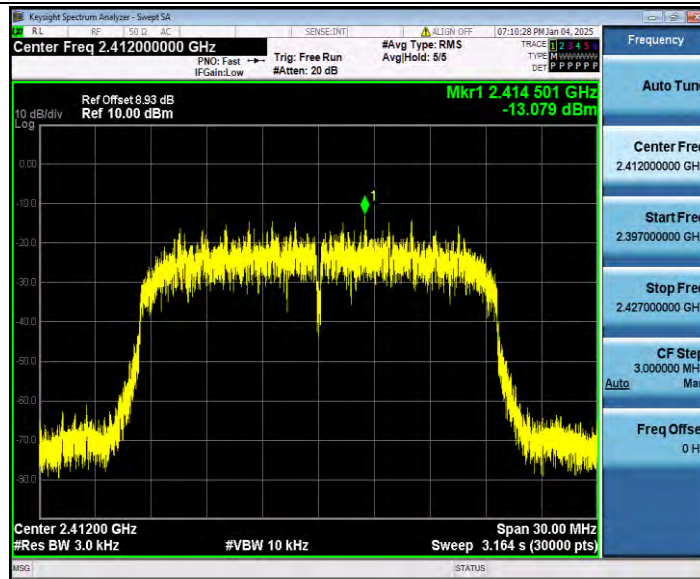
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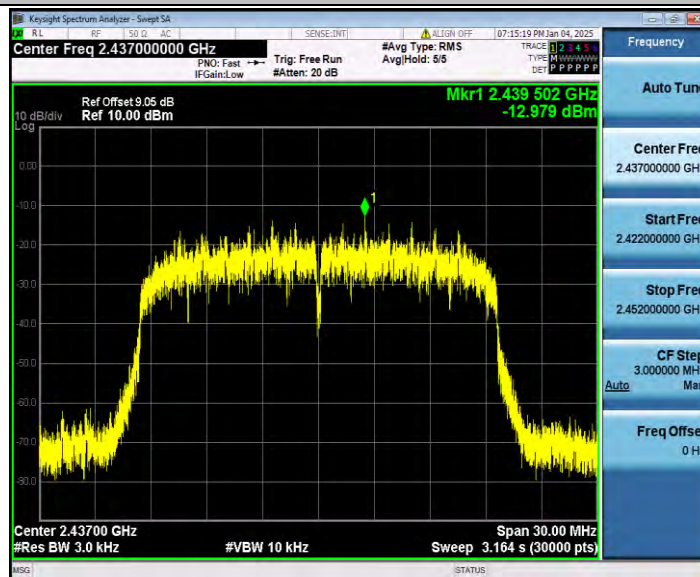
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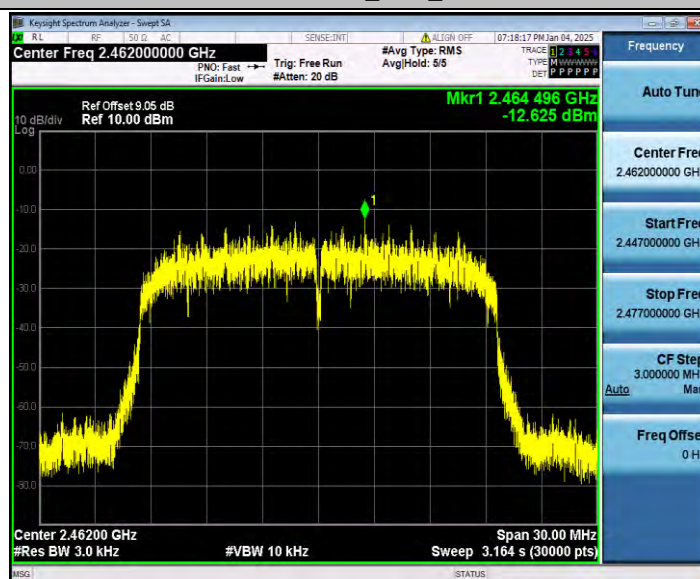
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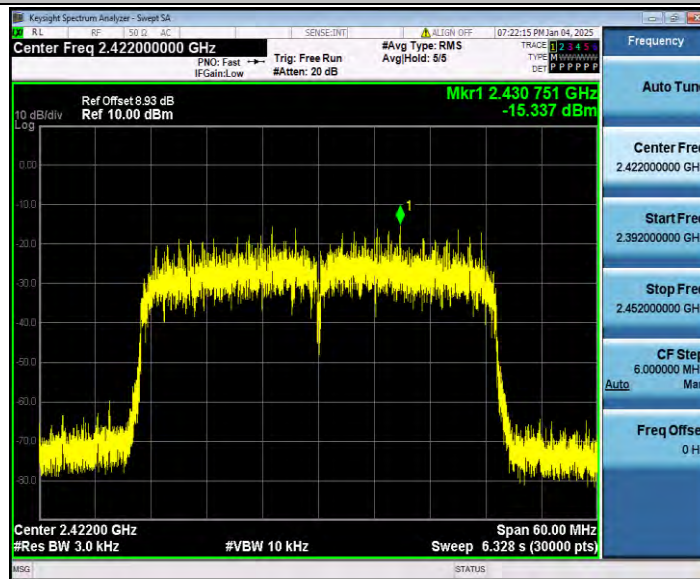
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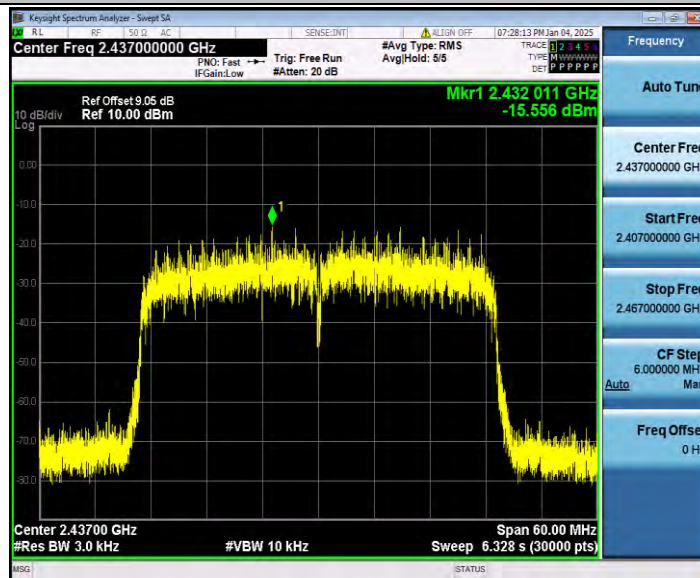
11AX20SISO_Ant0_2462



11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452

