

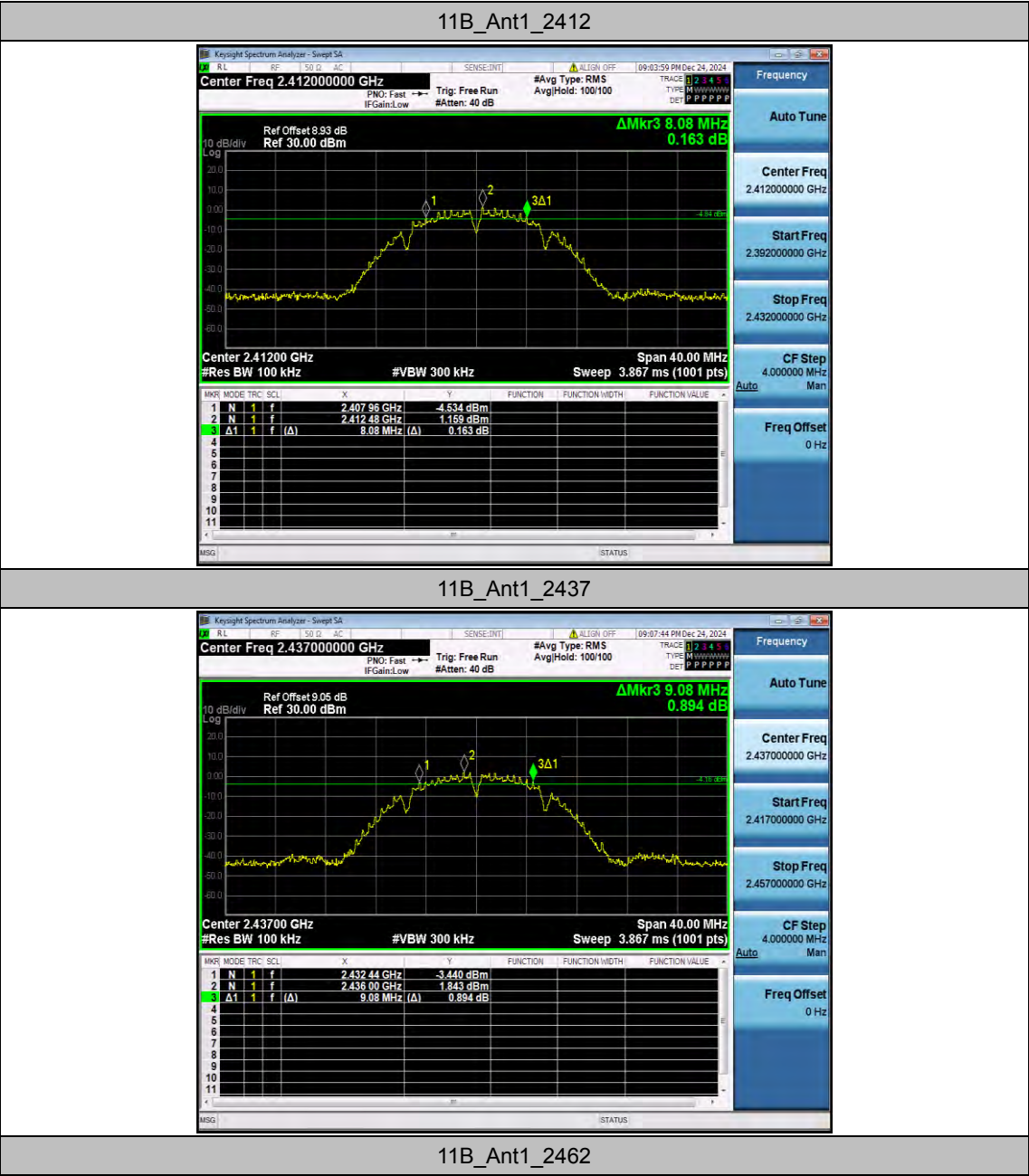
Case No. : <u>GTS20241108022-2-03</u>	
Ambient Condition: <u>22</u> °C, <u>48</u> %RH,	
Test Date: <u>2024.12.23</u>	Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.080	2407.960	2416.040	0.5	PASS
		2437	9.080	2432.440	2441.520	0.5	PASS
		2462	8.040	2457.960	2466.000	0.5	PASS
11G	Ant1	2412	16.280	2403.840	2420.120	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	15.440	2404.120	2419.560	0.5	PASS
		2437	16.840	2428.520	2445.360	0.5	PASS
		2462	16.960	2453.520	2470.480	0.5	PASS
11N40SISO	Ant1	2422	35.120	2404.480	2439.600	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.120	2434.400	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	18.800	2402.600	2421.400	0.5	PASS
		2437	17.960	2428.040	2446.000	0.5	PASS
		2462	18.240	2452.720	2470.960	0.5	PASS
11AX40SISO	Ant1	2422	36.800	2403.200	2440.000	0.5	PASS
		2437	36.240	2418.360	2454.600	0.5	PASS
		2452	36.320	2433.200	2469.520	0.5	PASS

Test Graphs



11B_Ant1_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

11B_Ant1_2462

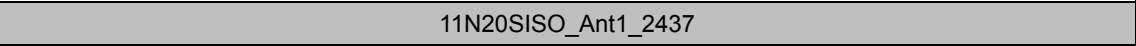
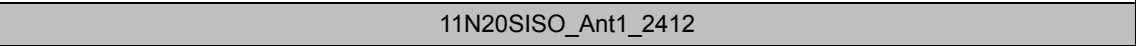


11G_Ant1_2412



11G_Ant1_2437



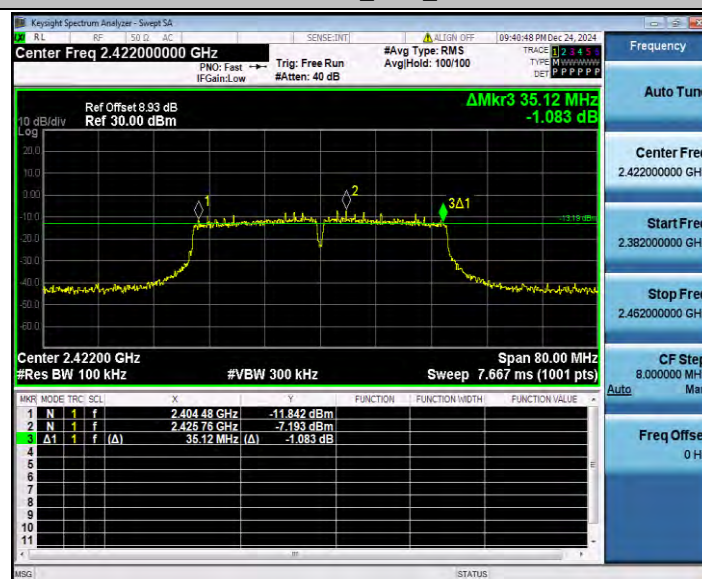


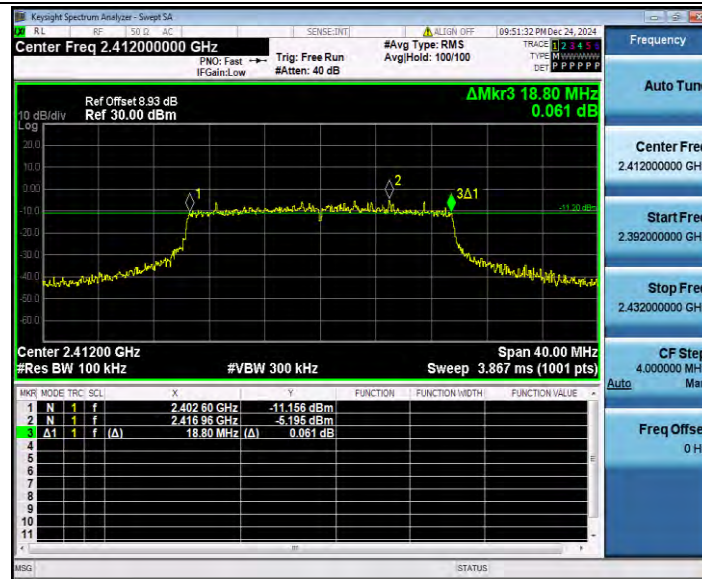


11N20SISO_Ant1_2462

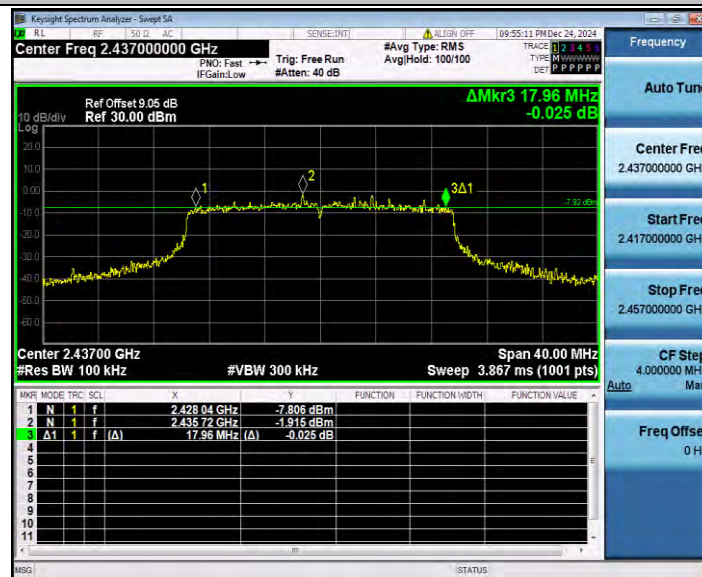


11N40SISO_Ant1_2422

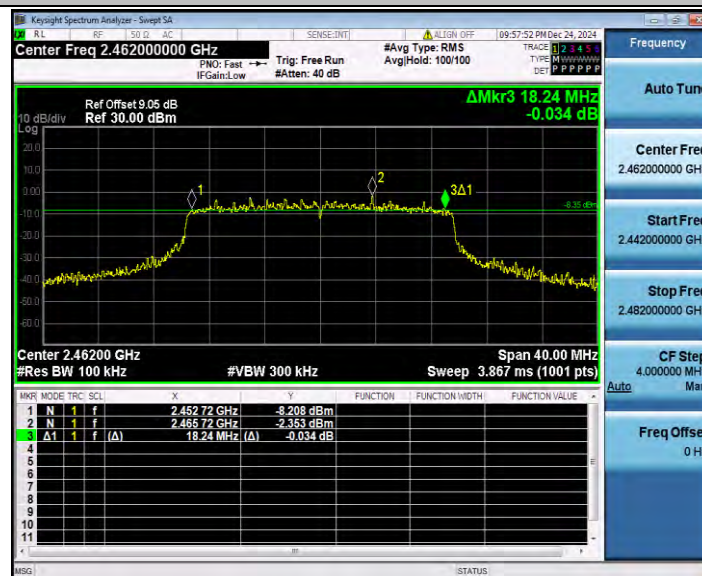




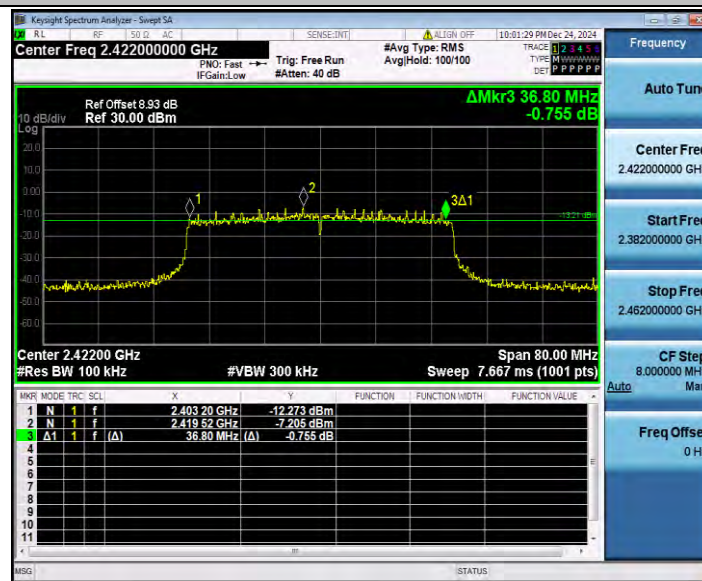
11AX20SISO_Ant1_2437



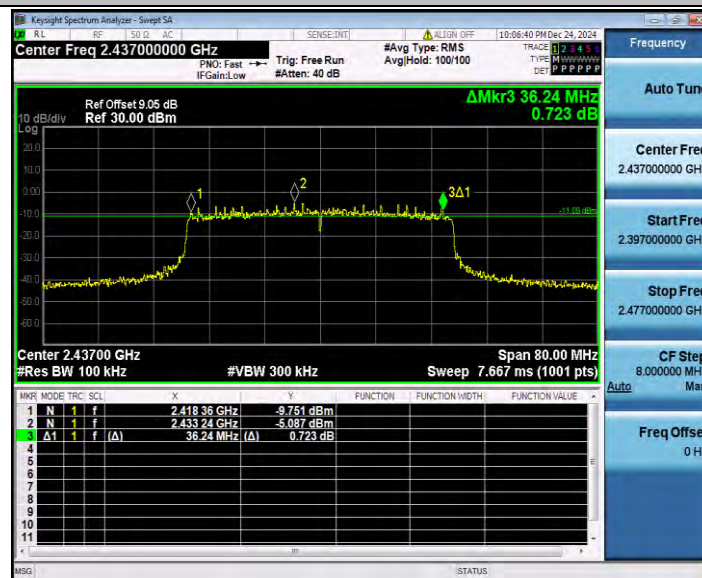
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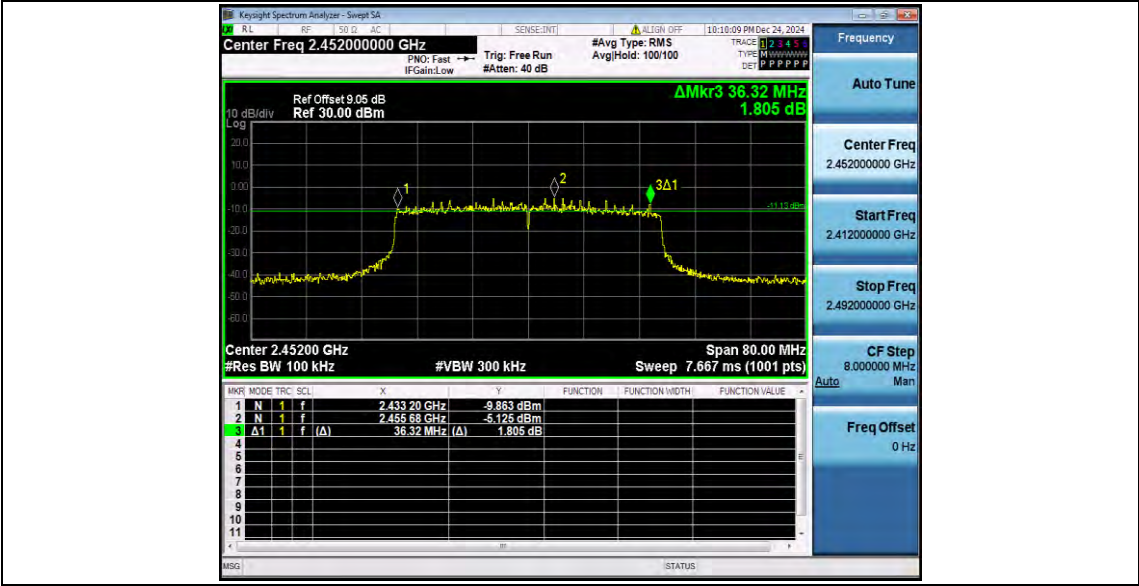
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



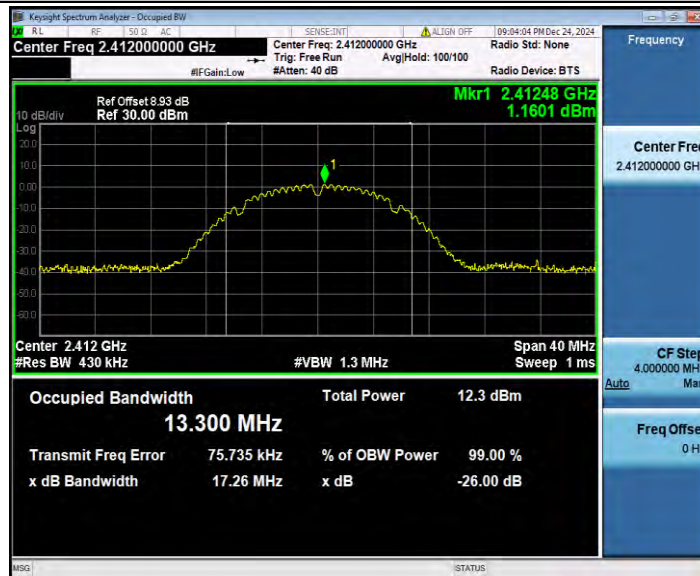
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.300	2405.4257	2418.7257	---	---
		2437	13.350	2430.3745	2443.7245	---	---
		2462	13.319	2455.3408	2468.6598	---	---
11G	Ant1	2412	17.425	2403.2837	2420.7087	---	---
		2437	17.408	2428.2733	2445.6813	---	---
		2462	17.318	2453.3063	2470.6243	---	---
11N20SISO	Ant1	2412	18.506	2402.7568	2421.2628	---	---
		2437	18.539	2427.7397	2446.2787	---	---
		2462	18.518	2452.6316	2471.1496	---	---
11N40SISO	Ant1	2422	36.791	2403.6179	2440.4089	---	---
		2437	36.830	2418.5244	2455.3544	---	---
		2452	36.558	2433.6591	2470.2171	---	---
11AX20SISO	Ant1	2412	19.240	2402.3533	2421.5933	---	---
		2437	19.215	2427.3903	2446.6053	---	---
		2462	19.239	2452.3081	2471.5471	---	---
11AX40SISO	Ant1	2422	38.146	2402.9264	2441.0724	---	---
		2437	37.956	2418.0296	2455.9856	---	---
		2452	38.030	2432.9784	2471.0084	---	---

Test Graphs

11B_Ant1_2412



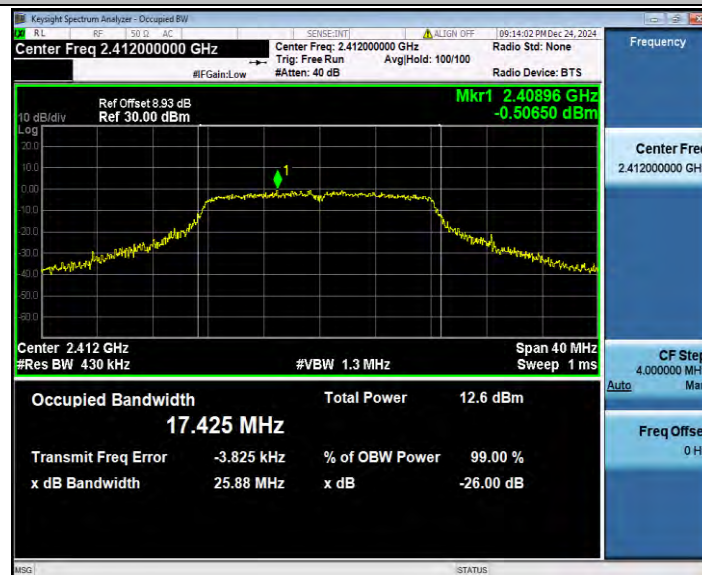
11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



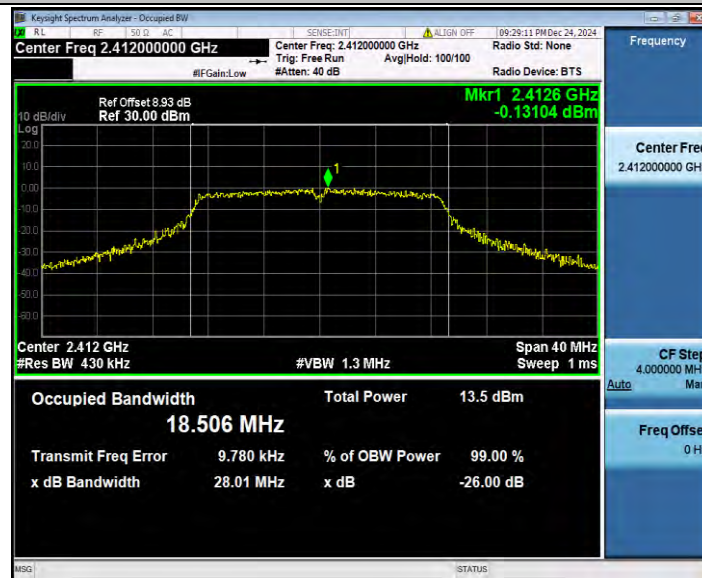
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



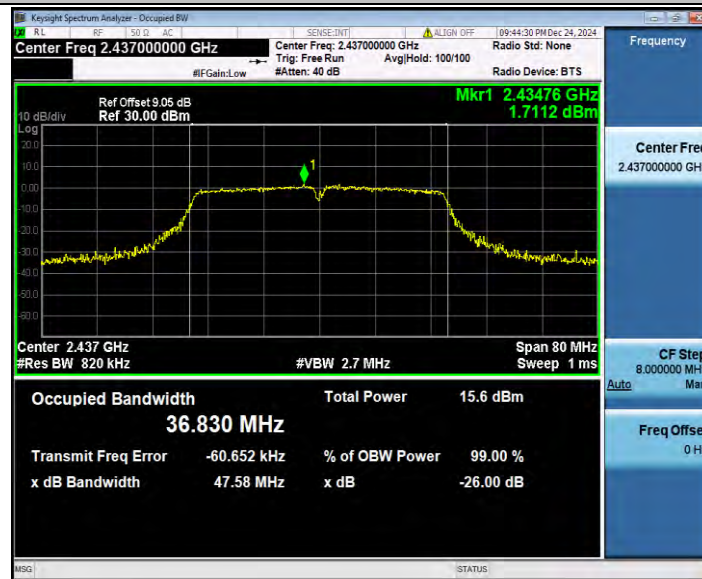
11N20SISO_Ant1_2462



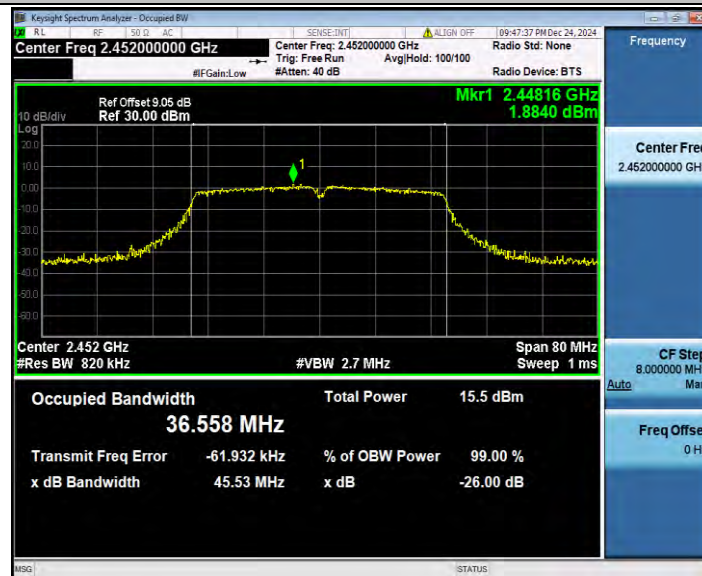
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11N40SISO_Ant1_2437



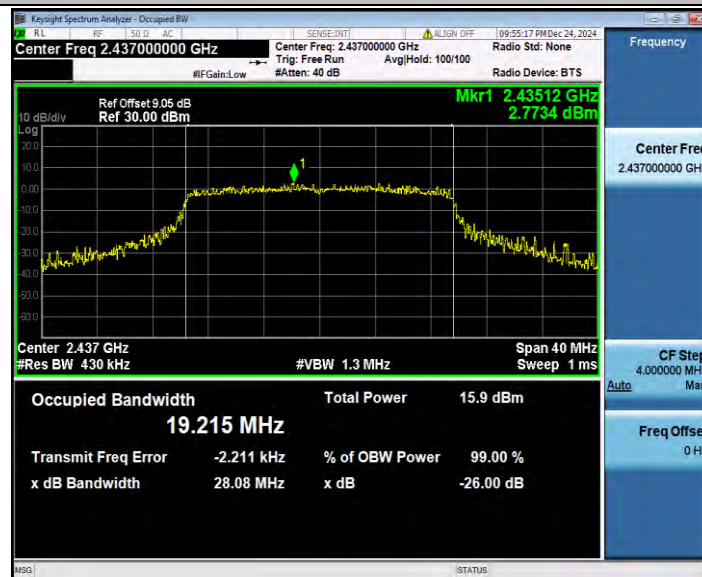
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11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



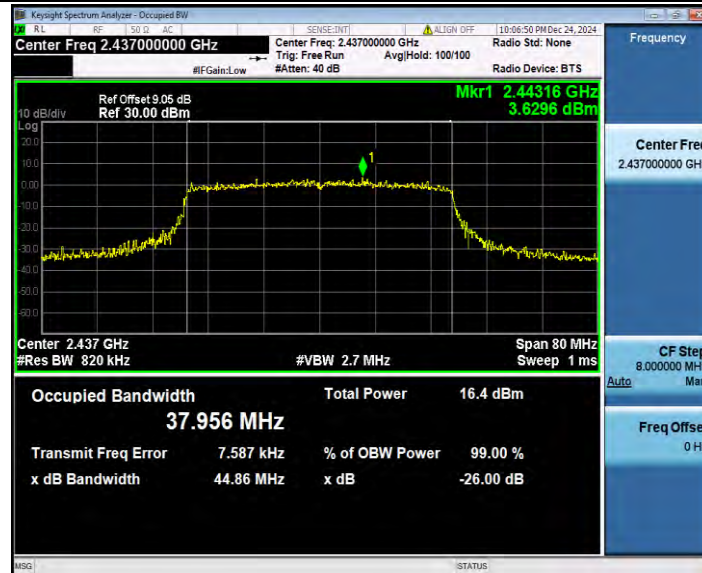
11AX20SISO_Ant1_2462



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	12.32	≤30.00	PASS
		2437	13.82	≤30.00	PASS
		2462	13.74	≤30.00	PASS
11G	Ant1	2412	13.70	≤30.00	PASS
		2437	16.13	≤30.00	PASS
		2462	16.30	≤30.00	PASS
11N20SISO	Ant1	2412	14.62	≤30.00	PASS
		2437	16.88	≤30.00	PASS
		2462	17.68	≤30.00	PASS
11N40SISO	Ant1	2422	13.73	≤30.00	PASS
		2437	15.88	≤30.00	PASS
		2452	15.77	≤30.00	PASS
11AX20SISO	Ant1	2412	14.06	≤30.00	PASS
		2437	16.52	≤30.00	PASS
		2462	16.76	≤30.00	PASS
11AX40SISO	Ant1	2422	14.25	≤30.00	PASS
		2437	16.43	≤30.00	PASS
		2452	16.54	≤30.00	PASS

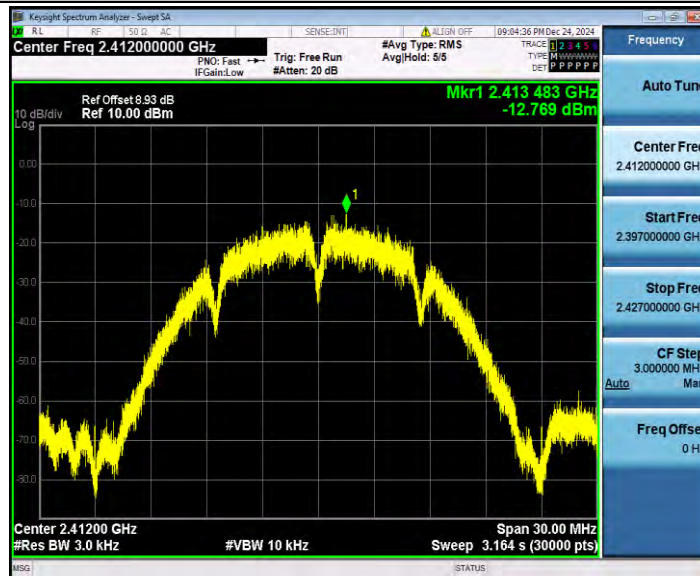
Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.77	≤8.00	PASS
		2437	-9.73	≤8.00	PASS
		2462	-12.59	≤8.00	PASS
11G	Ant1	2412	-18.51	≤8.00	PASS
		2437	-16.12	≤8.00	PASS
		2462	-16.61	≤8.00	PASS
11N20SISO	Ant1	2412	-17.24	≤8.00	PASS
		2437	-15.21	≤8.00	PASS
		2462	-14.90	≤8.00	PASS
11N40SISO	Ant1	2422	-21.26	≤8.00	PASS
		2437	-18.91	≤8.00	PASS
		2452	-19.26	≤8.00	PASS
11AX20SISO	Ant1	2412	-19.12	≤8.00	PASS
		2437	-17.71	≤8.00	PASS
		2462	-16.61	≤8.00	PASS
11AX40SISO	Ant1	2422	-22.55	≤8.00	PASS
		2437	-19.83	≤8.00	PASS
		2452	-19.66	≤8.00	PASS

Test Graphs

11B_Ant1_2412



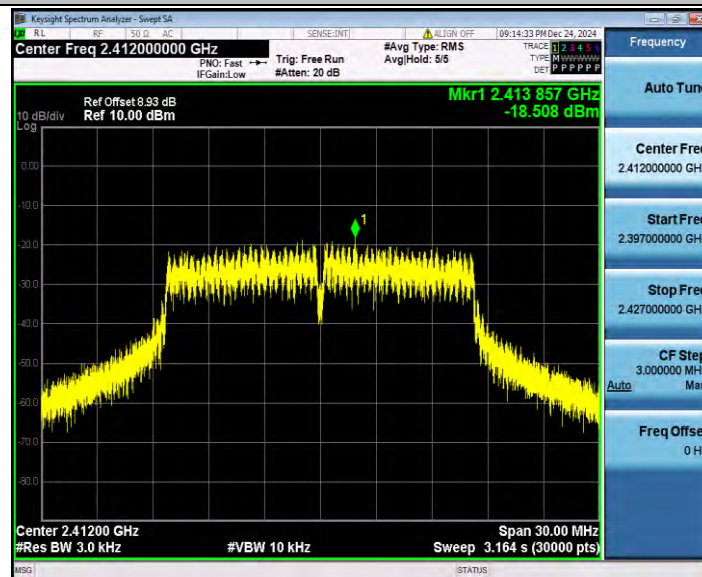
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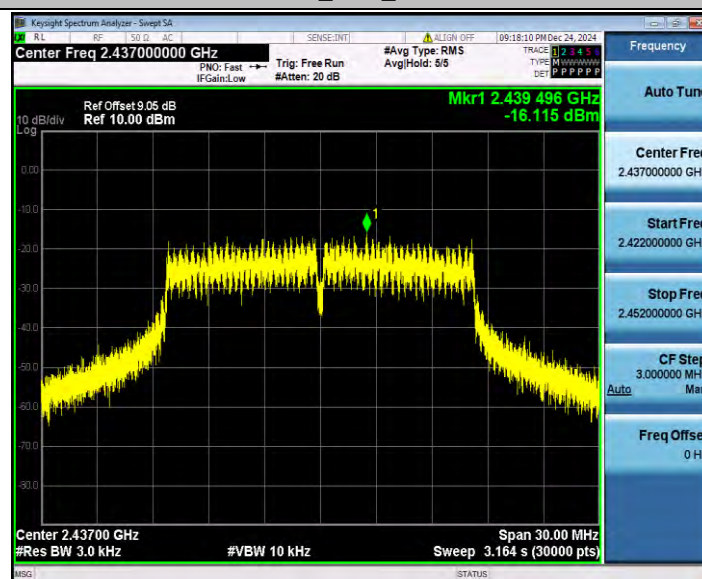
11B_Ant1_2462



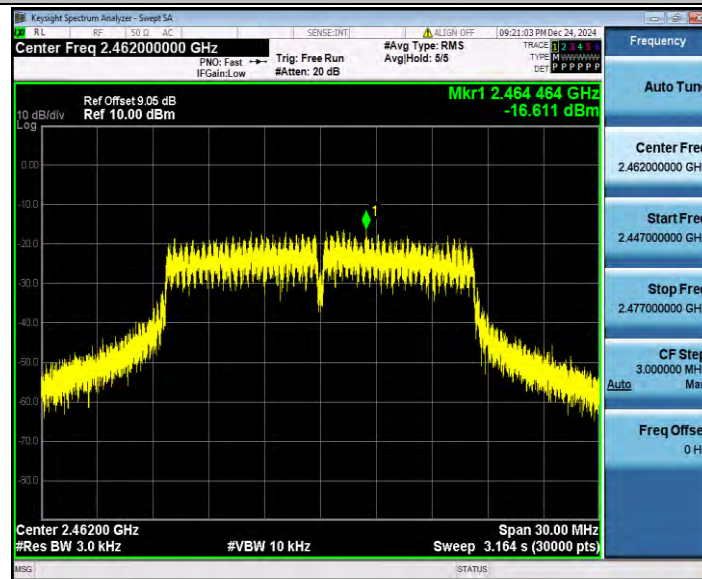
11G_Ant1_2412



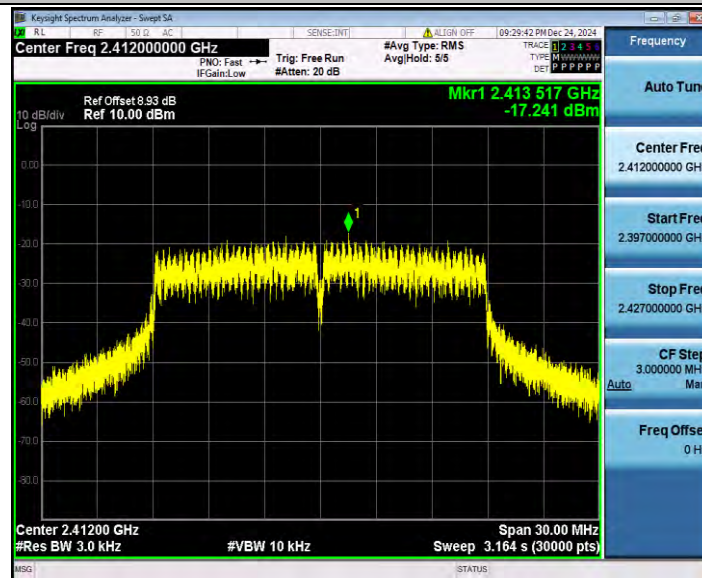
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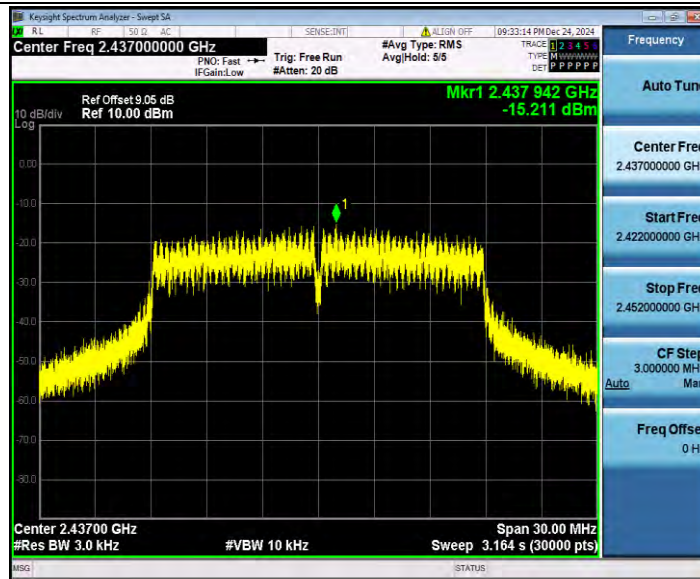
11G_Ant1_2462



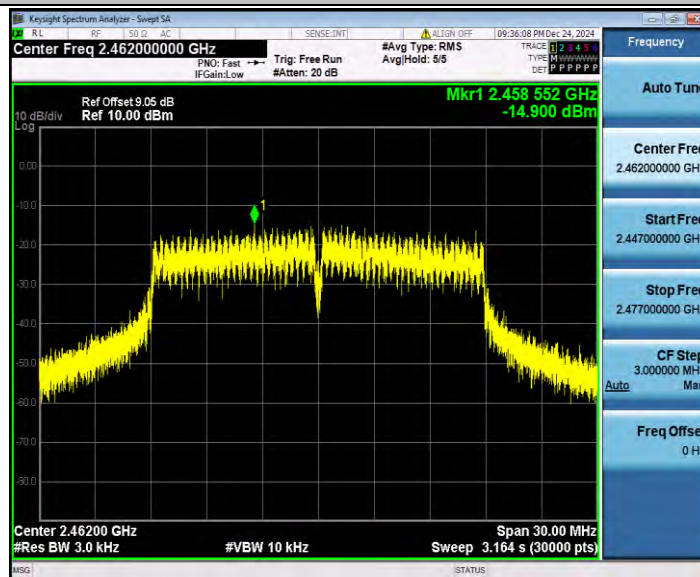
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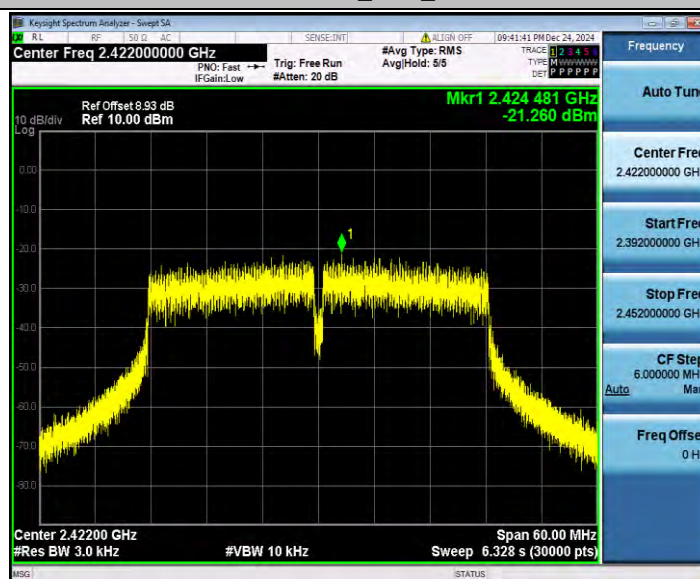
11N20SISO_Ant1_2437



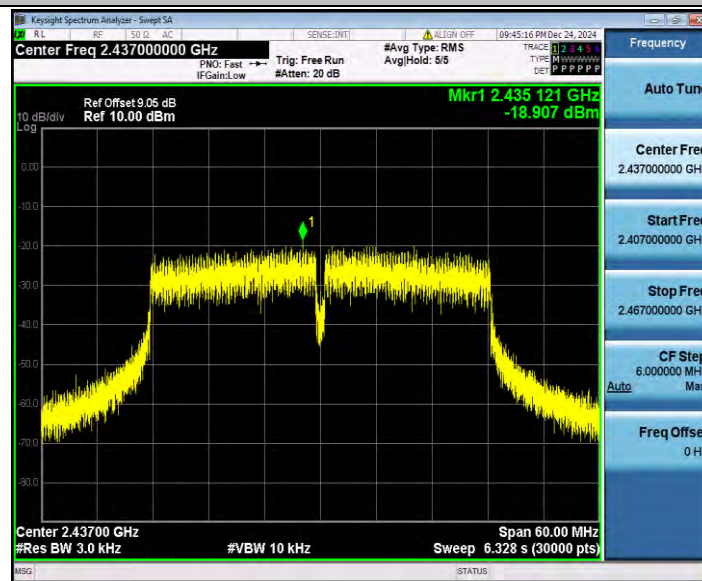
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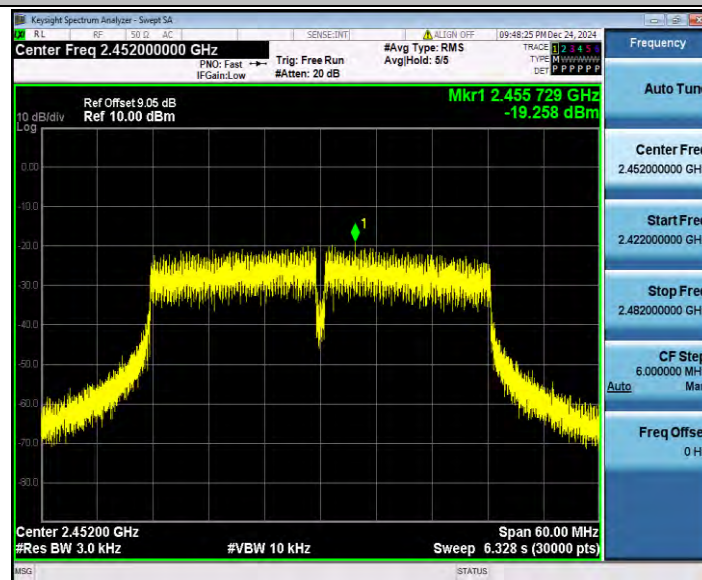
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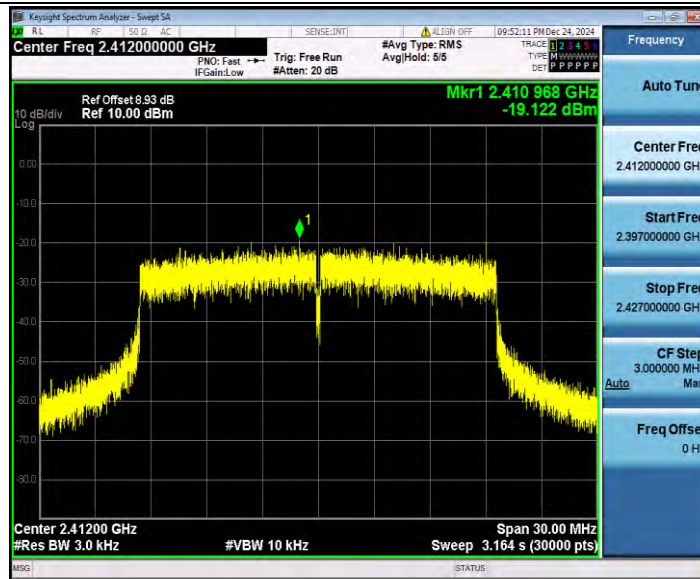
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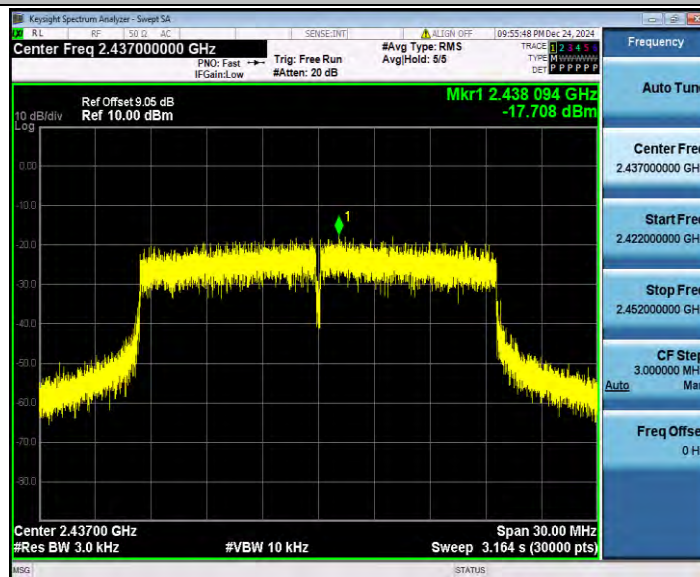
11N40SISO_Ant1_2452



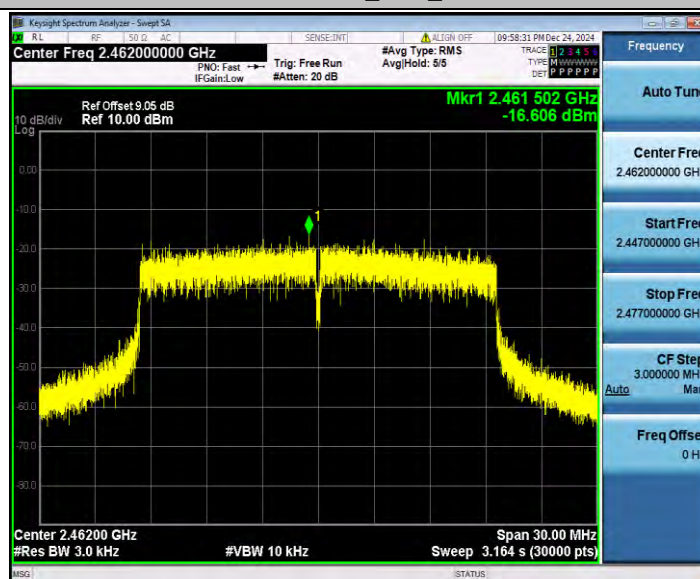
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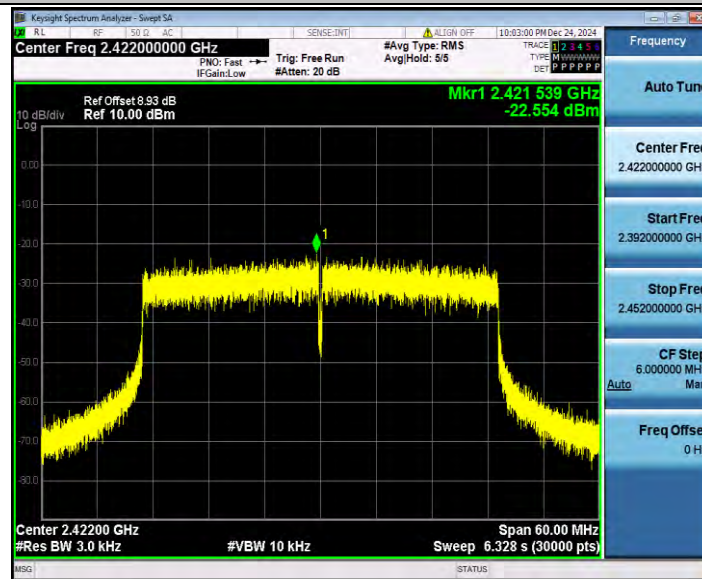
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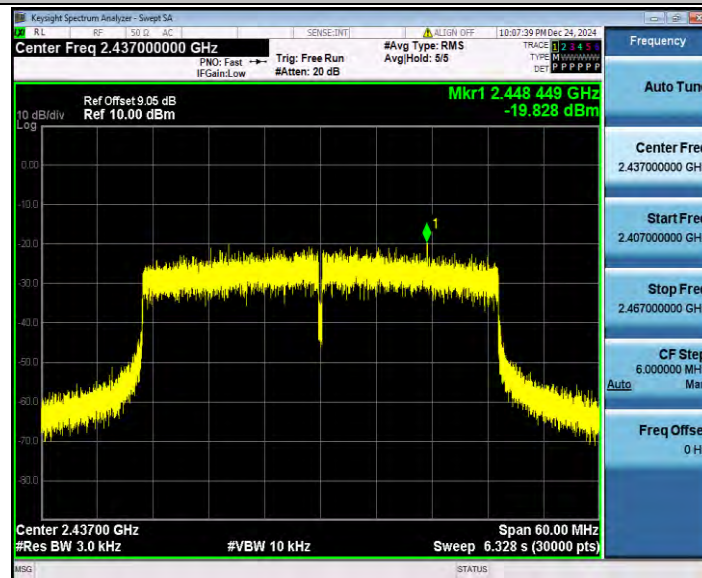
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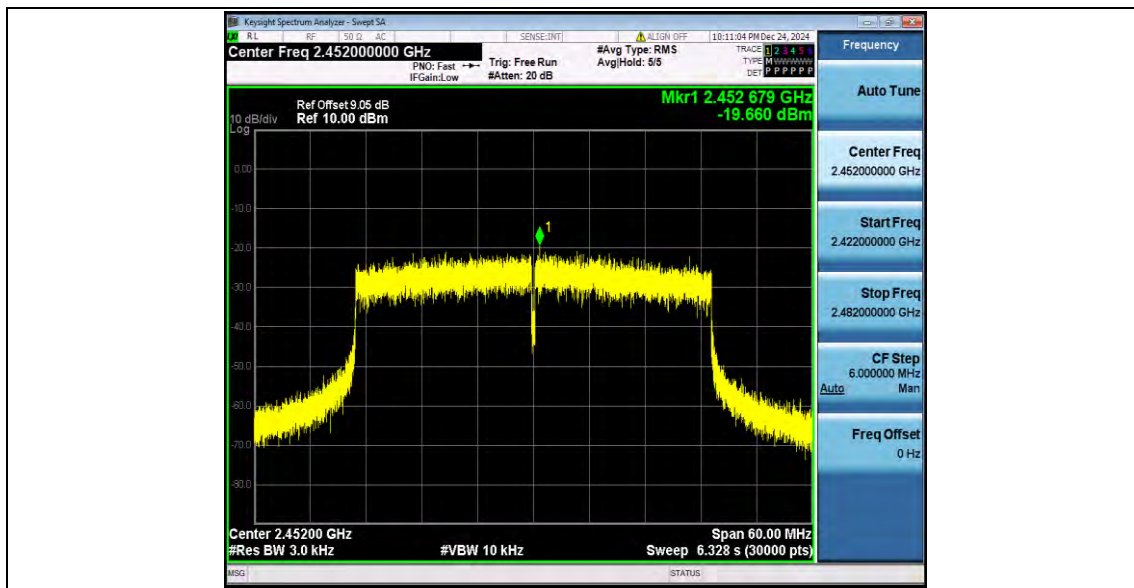
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



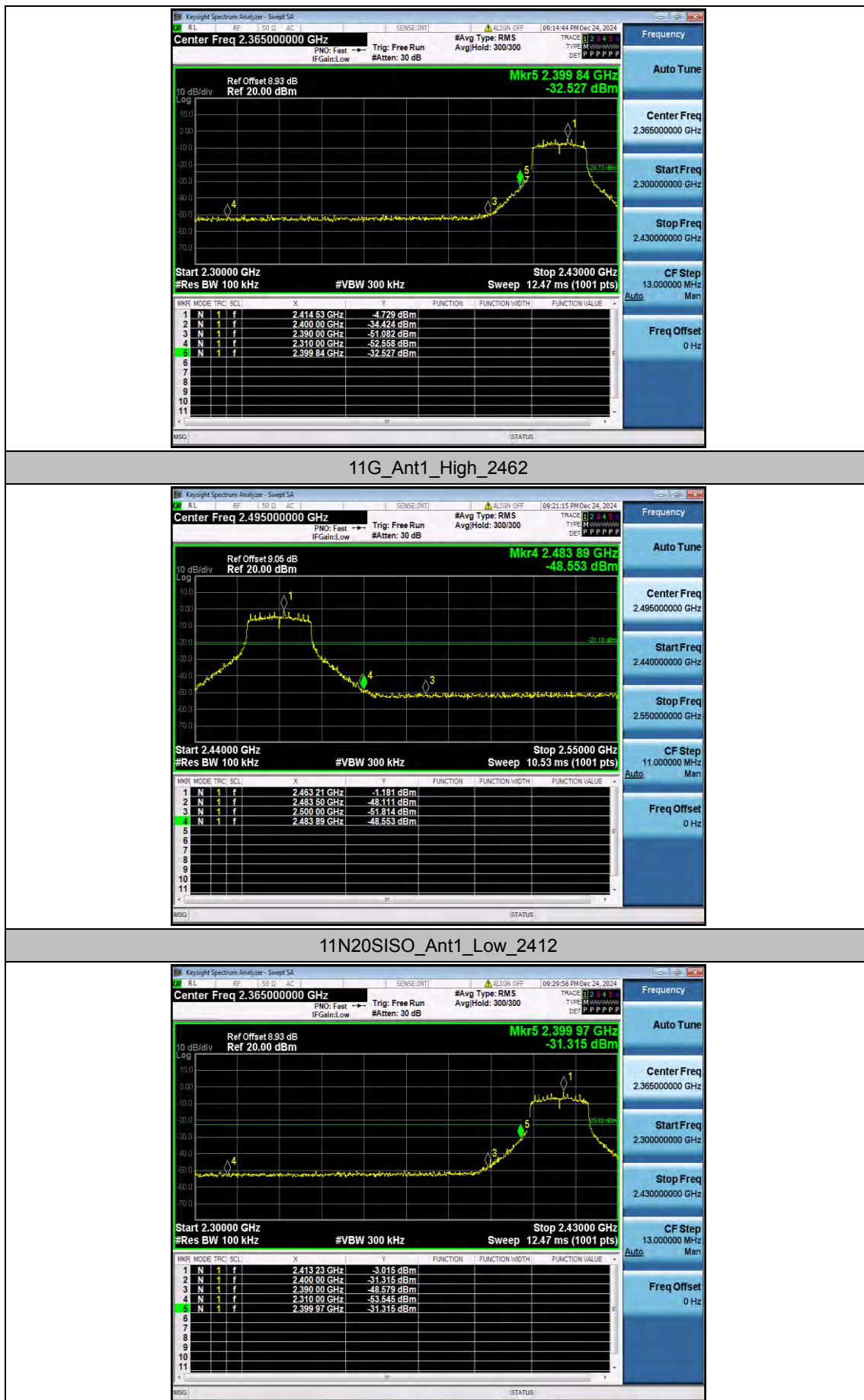
Appendix C.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1.16	-45.85	≤ -18.84	PASS
		High	2462	2.61	-49.17	≤ -17.39	PASS
11G	Ant1	Low	2412	-4.73	-32.53	≤ -24.73	PASS
		High	2462	-1.18	-48.55	≤ -21.18	PASS
11N20SISO	Ant1	Low	2412	-3.02	-31.32	≤ -23.02	PASS
		High	2462	-0.41	-42.78	≤ -20.41	PASS
11N40SISO	Ant1	Low	2422	-7.09	-37.95	≤ -27.09	PASS
		High	2452	-4.68	-43.66	≤ -24.68	PASS
11AX20SISO	Ant1	Low	2412	-4.51	-33.36	≤ -24.51	PASS
		High	2462	-1.16	-45.3	≤ -21.16	PASS
11AX40SISO	Ant1	Low	2422	-7.08	-39.24	≤ -27.08	PASS
		High	2452	-4.96	-43.05	≤ -24.96	PASS

Test Graphs

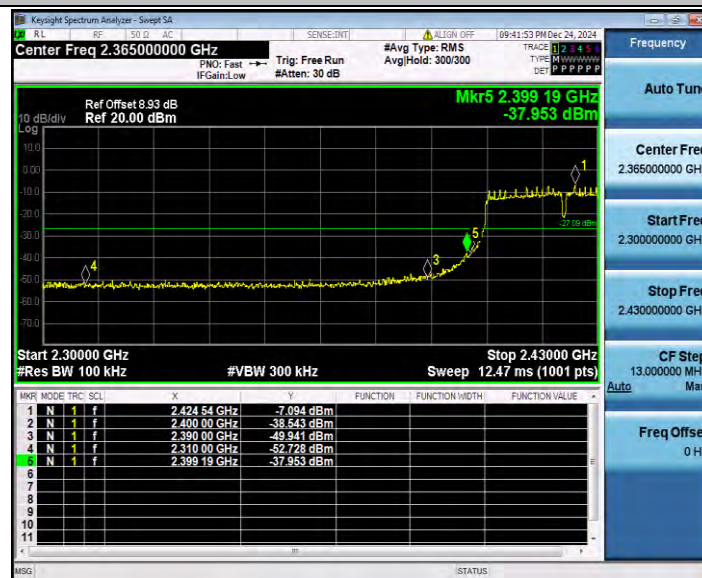




11N20SISO_Ant1_High_2462



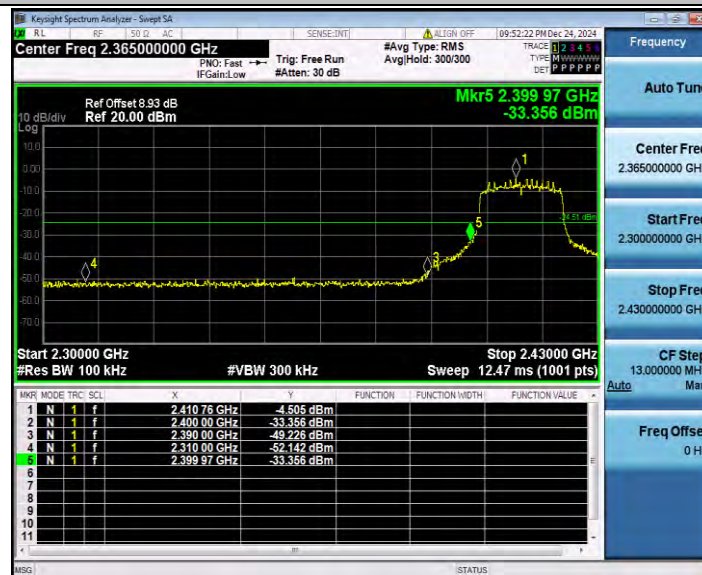
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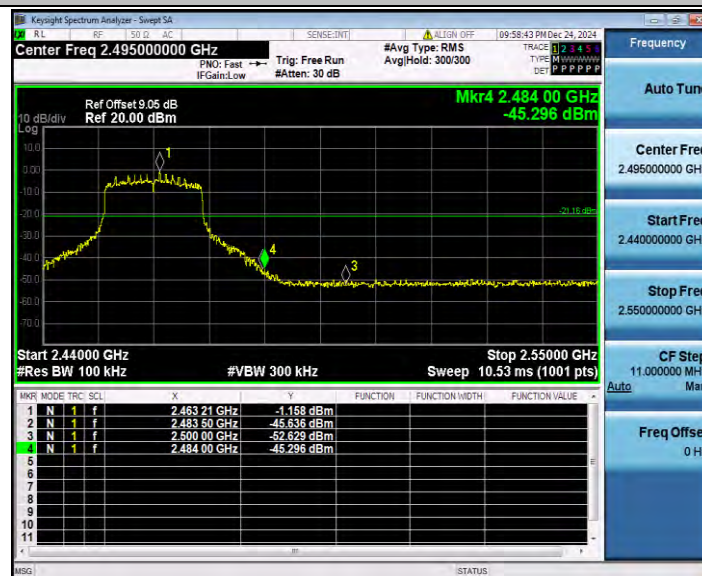
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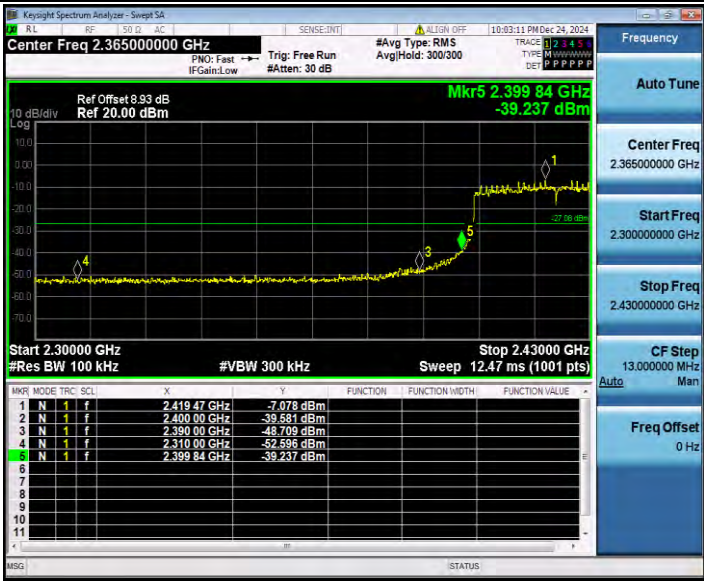
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

