

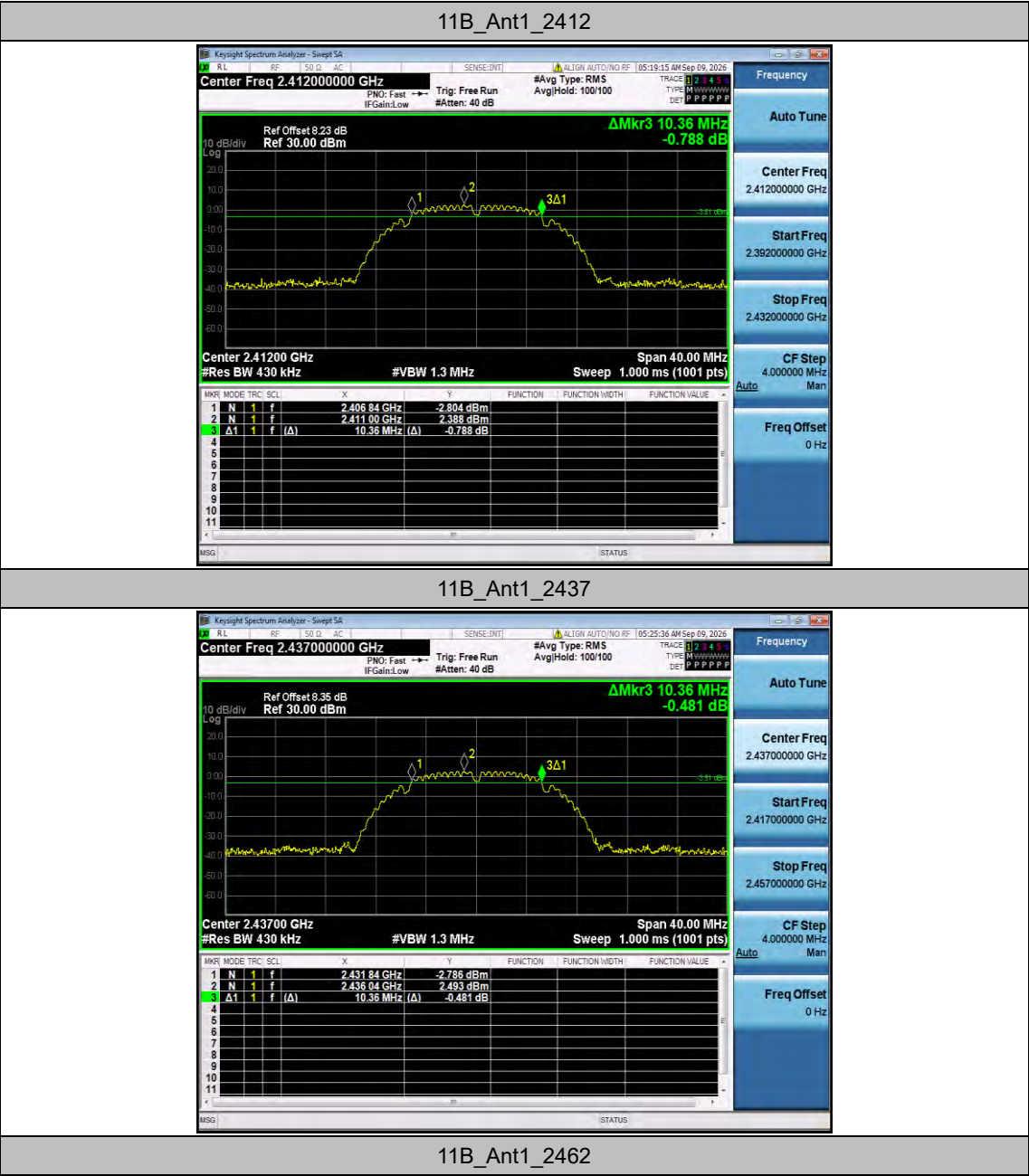
Case No. : <u>GTS20260821003-1-11</u>
Ambient Condition: <u>24 °C, 49%RH,</u>
Test Date: <u>2026.8.26-2026.9.10</u> Test Engineer: <u>Evan ouyang</u>

AppendixC.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.360	2406.840	2417.200	0.5	PASS
		2437	10.360	2431.840	2442.200	0.5	PASS
		2462	10.320	2456.840	2467.160	0.5	PASS
11G	Ant1	2412	14.880	2404.600	2419.480	0.5	PASS
		2437	14.480	2430.120	2444.600	0.5	PASS
		2462	14.920	2454.560	2469.480	0.5	PASS
11N20SISO	Ant1	2412	16.000	2404.040	2420.040	0.5	PASS
		2437	15.200	2429.880	2445.080	0.5	PASS
		2462	15.240	2454.480	2469.720	0.5	PASS
11N40SISO	Ant1	2422	33.760	2405.920	2439.680	0.5	PASS
		2437	34.000	2420.840	2454.840	0.5	PASS
		2452	32.000	2436.800	2468.800	0.5	PASS
11AX20SISO	Ant1	2412	16.280	2404.440	2420.720	0.5	PASS
		2437	15.720	2429.400	2445.120	0.5	PASS
		2462	14.640	2454.560	2469.200	0.5	PASS
11AX40SISO	Ant1	2422	32.160	2407.040	2439.200	0.5	PASS
		2437	30.560	2421.640	2452.200	0.5	PASS
		2452	29.200	2439.360	2468.560	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



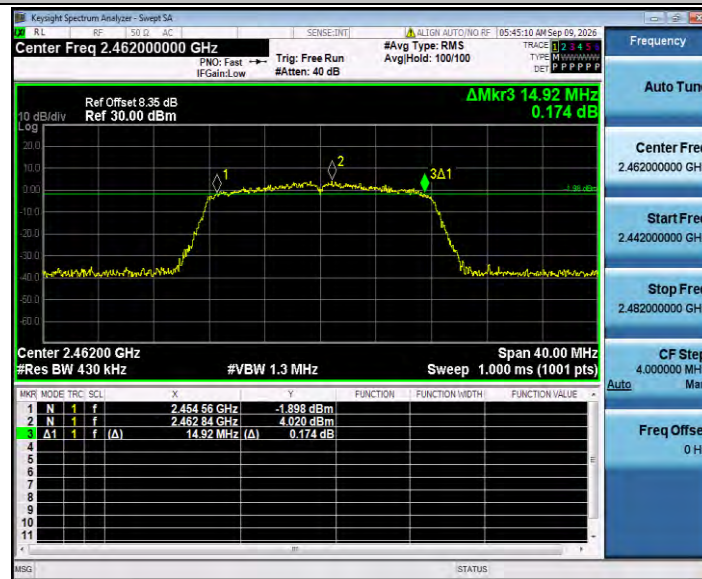
11G_Ant1_2412



11G_Ant1_2437



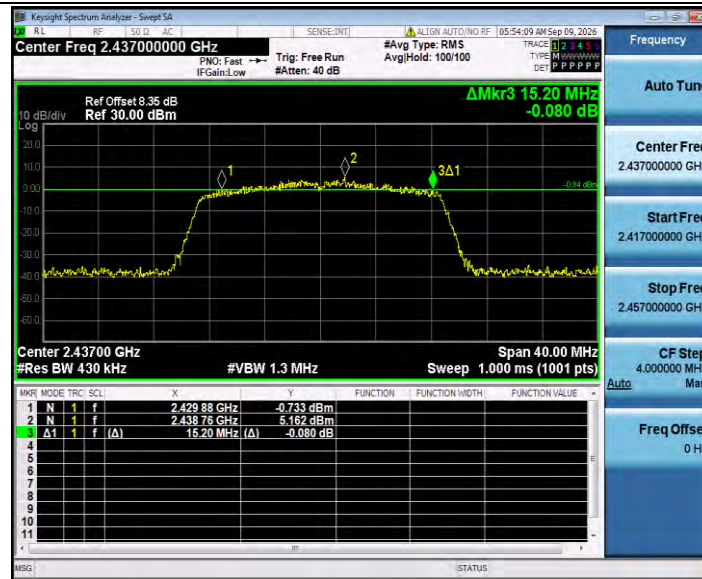
11G_Ant1_2462



11N20SISO_Ant1_2412



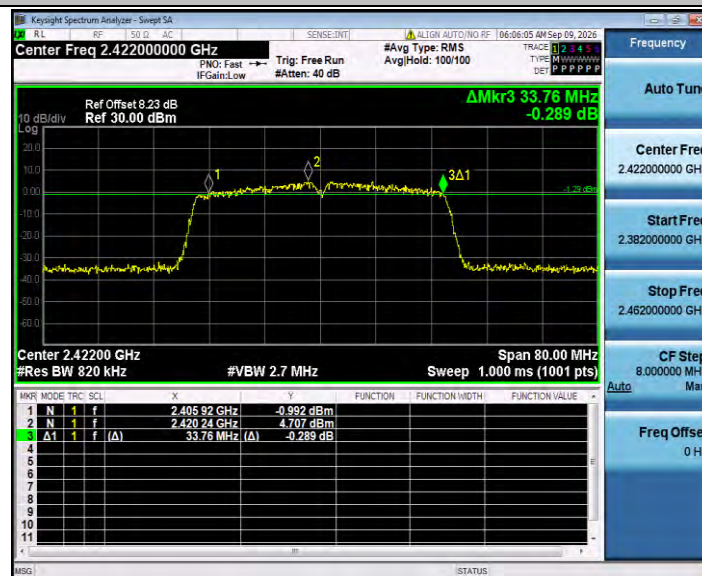
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



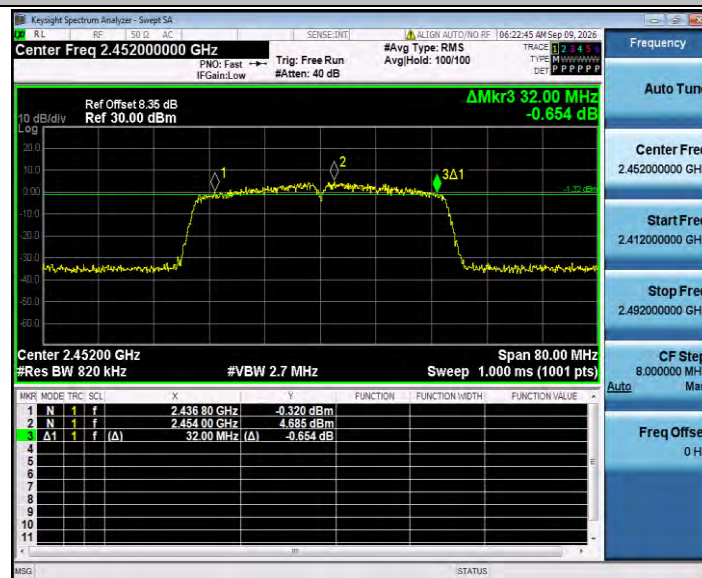
11N40SISO_Ant1_2422



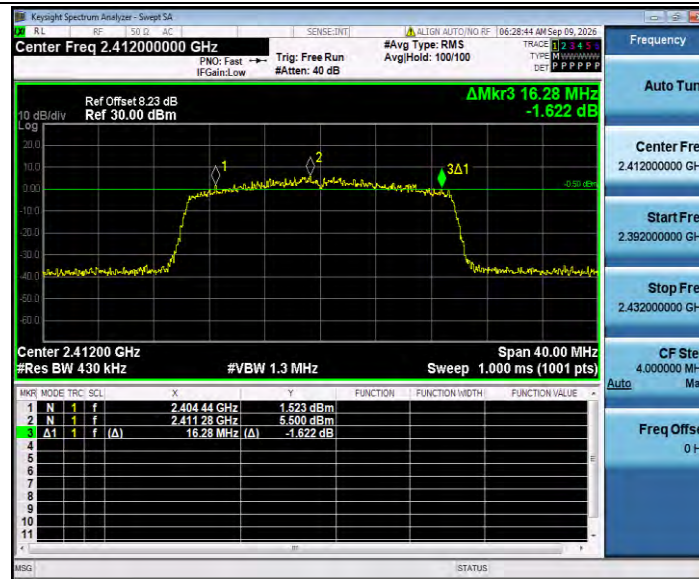
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



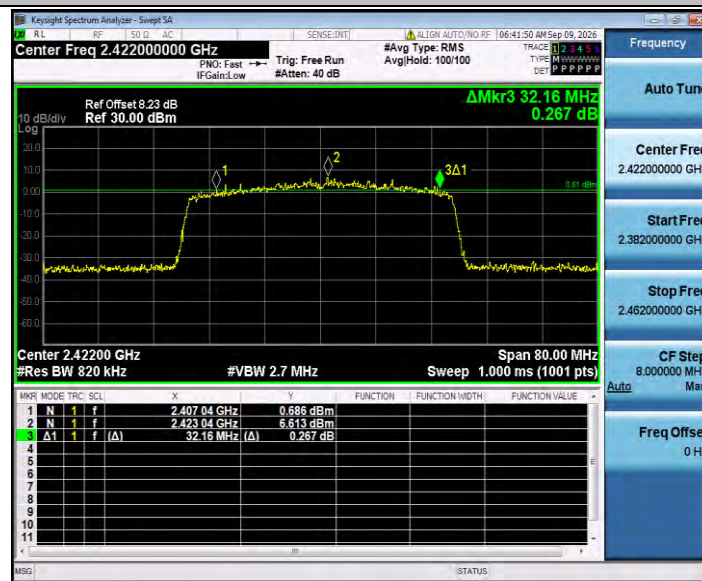
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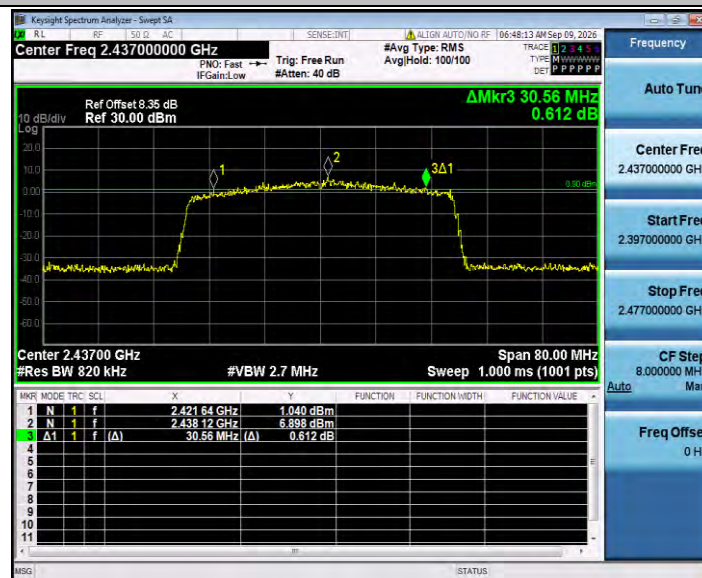
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

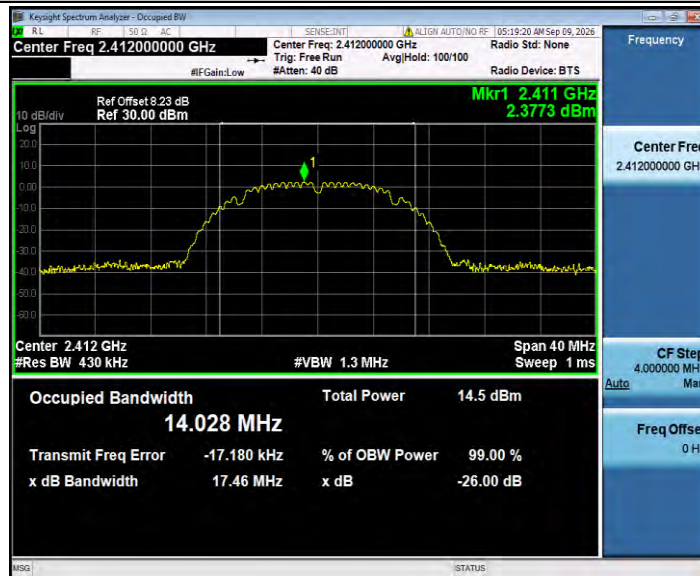
AppendixC.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.028	2404.9688	2418.9968	---	---
		2437	14.019	2430.0092	2444.0282	---	---
		2462	13.985	2455.0037	2468.9887	---	---
11G	Ant1	2412	16.230	2403.9133	2420.1433	---	---
		2437	16.231	2428.9208	2445.1518	---	---
		2462	16.201	2453.9207	2470.1217	---	---
11N20SISO	Ant1	2412	17.297	2403.3803	2420.6773	---	---
		2437	17.348	2428.3590	2445.7070	---	---
		2462	17.304	2453.3830	2470.6870	---	---
11N40SISO	Ant1	2422	35.658	2404.2860	2439.9440	---	---
		2437	35.665	2419.2899	2454.9549	---	---
		2452	35.599	2434.2774	2469.8764	---	---
11AX20SISO	Ant1	2412	18.639	2402.6565	2421.2955	---	---
		2437	18.694	2427.6909	2446.3849	---	---
		2462	18.587	2452.7273	2471.3143	---	---
11AX40SISO	Ant1	2422	37.384	2403.4196	2440.8036	---	---
		2437	37.211	2418.5029	2455.7139	---	---
		2452	37.334	2433.3601	2470.6941	---	---

Test Graphs

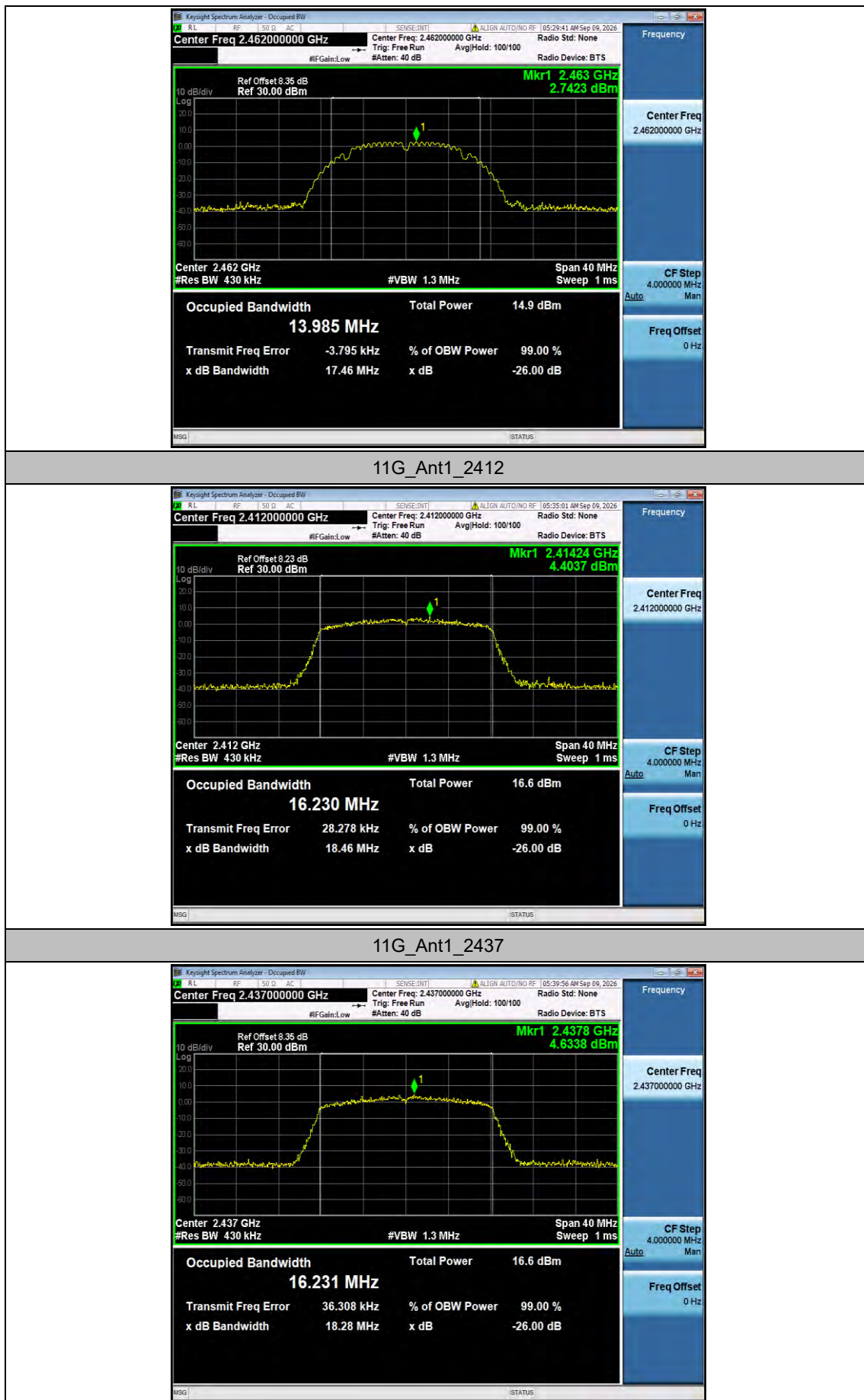
11B_Ant1_2412



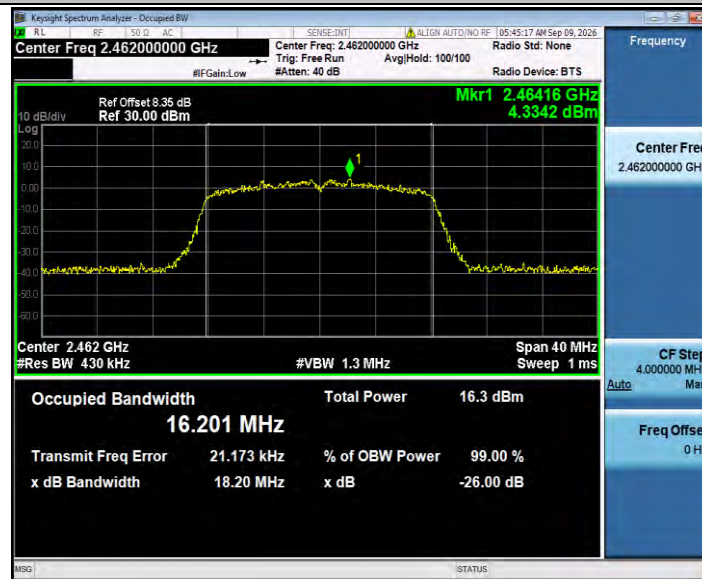
11B_Ant1_2437



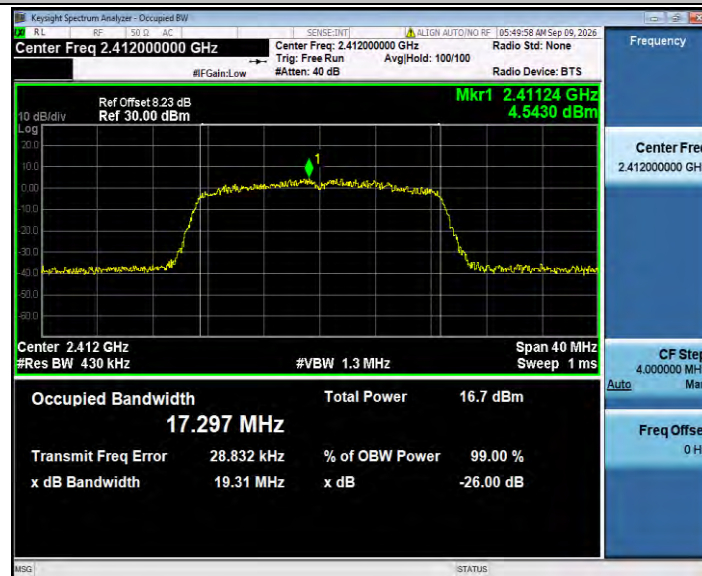
11B_Ant1_2462



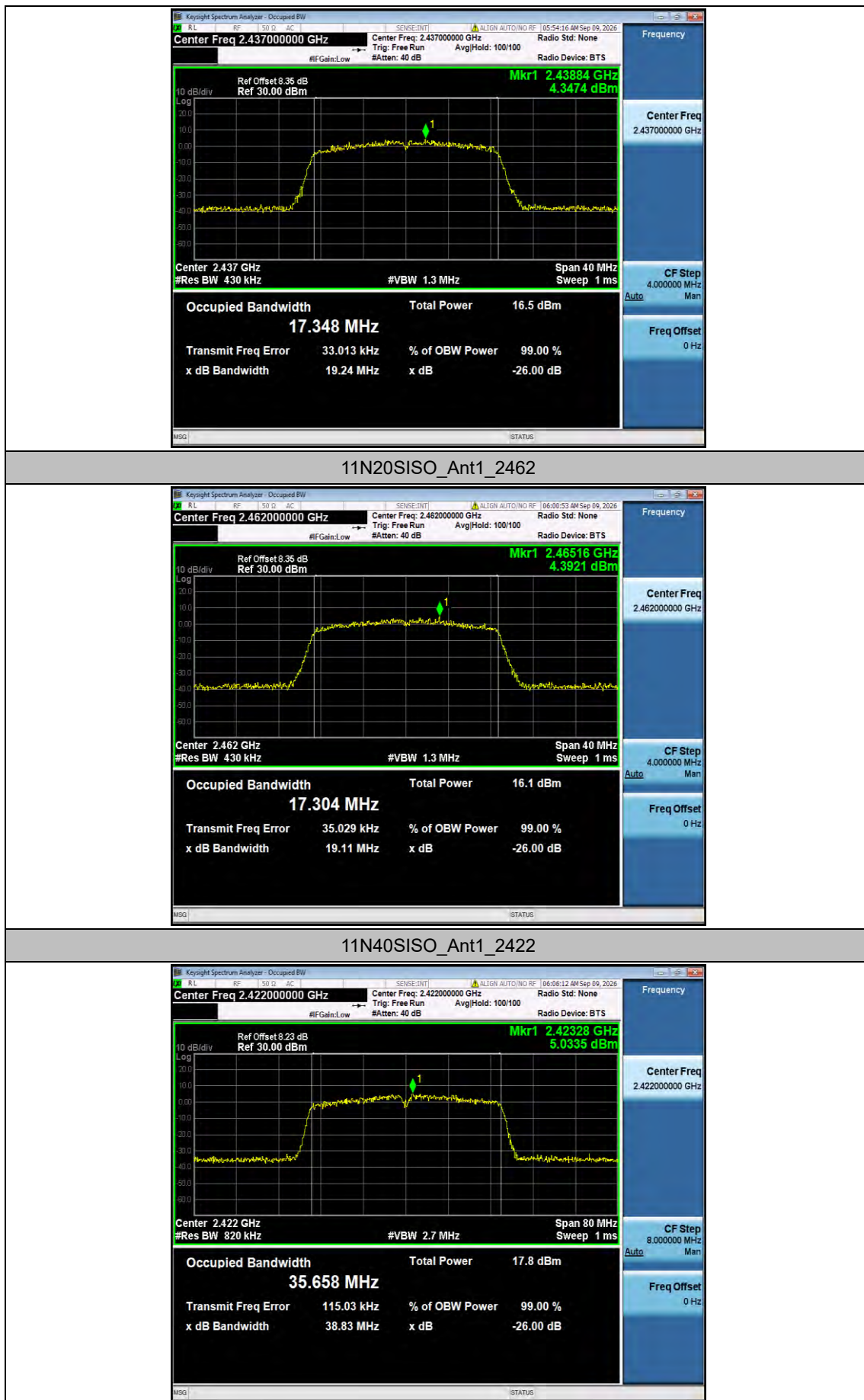
11G_Ant1_2462



11N20SISO_Ant1_2412



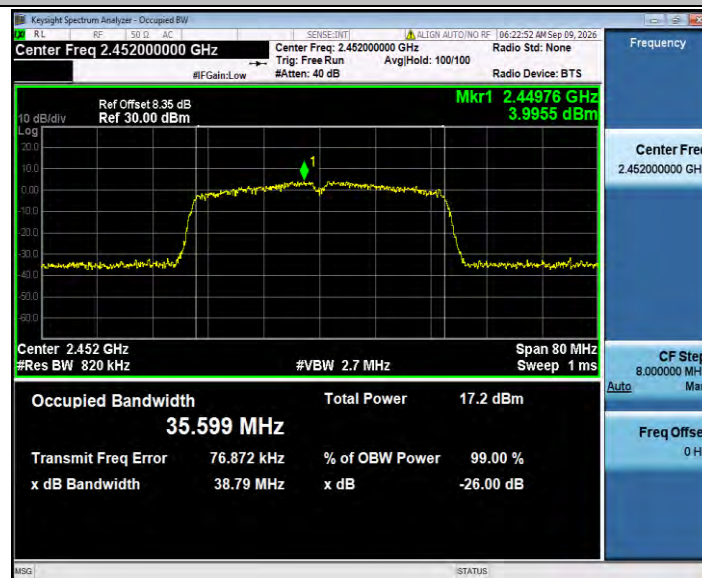
11N20SISO_Ant1_2437



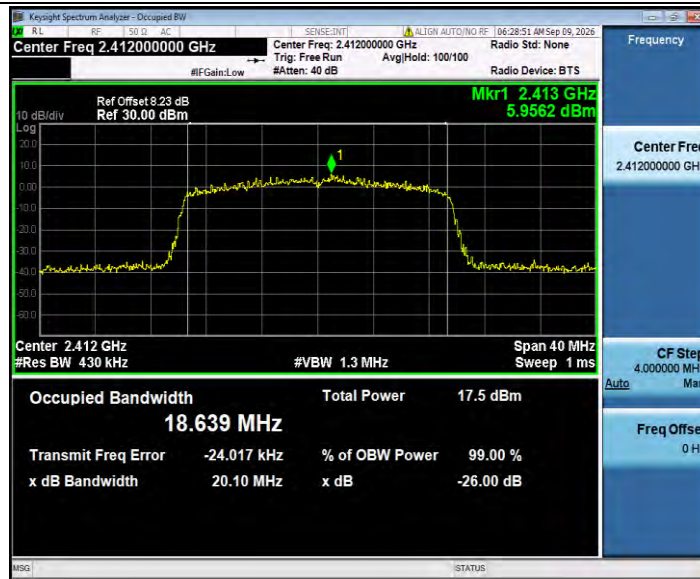
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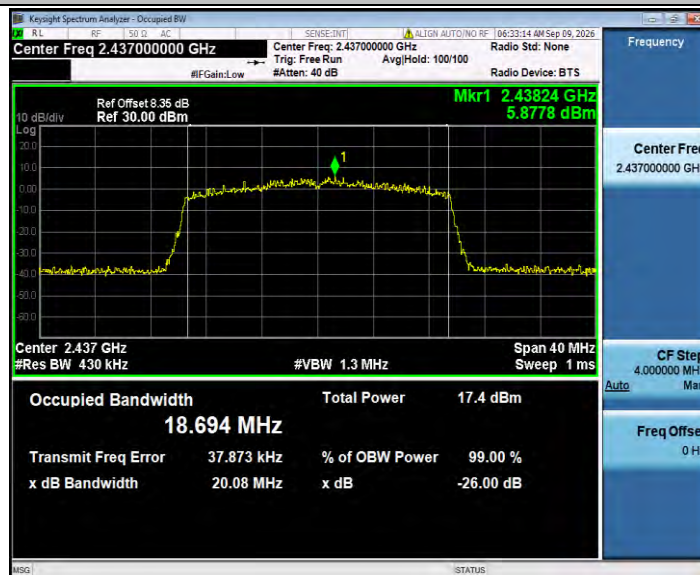
11N40SISO_Ant1_2452



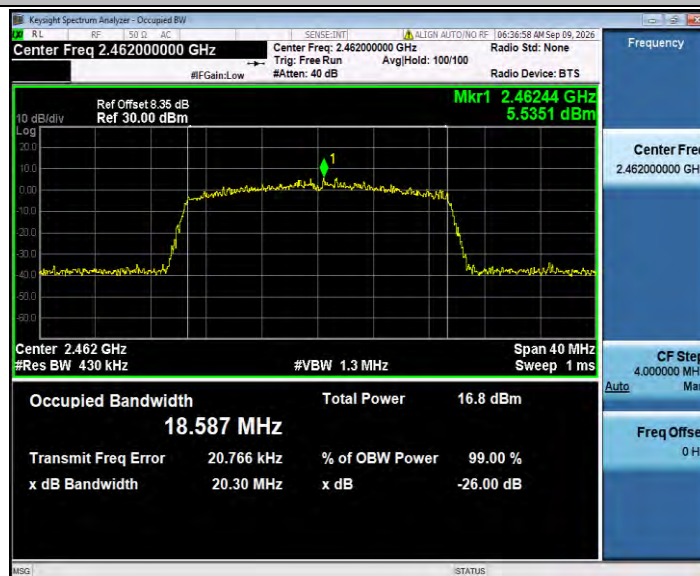
11AX20SISO_Ant1_2412



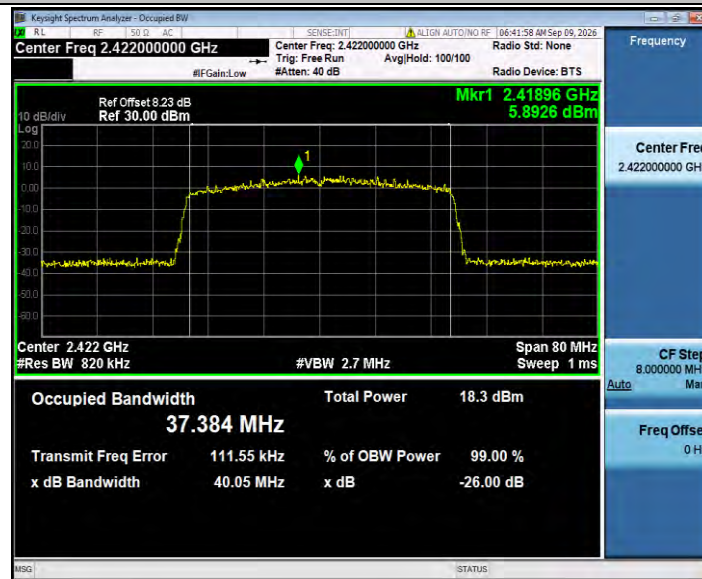
11AX20SISO_Ant1_2437



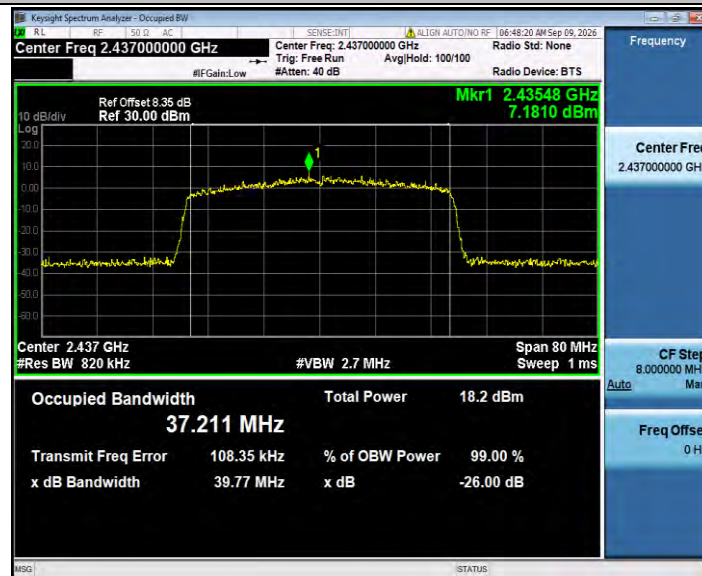
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



AppendixC.3: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.58	≤30.00	PASS
		2437	14.67	≤30.00	PASS
		2462	14.95	≤30.00	PASS
11G	Ant1	2412	17.81	≤30.00	PASS
		2437	17.87	≤30.00	PASS
		2462	17.34	≤30.00	PASS
11N20SISO	Ant1	2412	17.76	≤30.00	PASS
		2437	17.77	≤30.00	PASS
		2462	17.10	≤30.00	PASS
11N40SISO	Ant1	2422	17.89	≤30.00	PASS
		2437	17.89	≤30.00	PASS
		2452	17.56	≤30.00	PASS
11AX20SISO	Ant1	2412	18.24	≤30.00	PASS
		2437	18.05	≤30.00	PASS
		2462	17.68	≤30.00	PASS
11AX40SISO	Ant1	2422	18.25	≤30.00	PASS
		2437	18.18	≤30.00	PASS
		2452	17.59	≤30.00	PASS

AppendixC.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.74	≤8.00	PASS
		2437	-11.54	≤8.00	PASS
		2462	-10.89	≤8.00	PASS
11G	Ant1	2412	-15.41	≤8.00	PASS
		2437	-15.20	≤8.00	PASS
		2462	-15.76	≤8.00	PASS
11N20SISO	Ant1	2412	-14.65	≤8.00	PASS
		2437	-13.76	≤8.00	PASS
		2462	-14.00	≤8.00	PASS
11N40SISO	Ant1	2422	-17.48	≤8.00	PASS
		2437	-17.35	≤8.00	PASS
		2452	-17.38	≤8.00	PASS
11AX20SISO	Ant1	2412	-14.58	≤8.00	PASS
		2437	-12.97	≤8.00	PASS
		2462	-14.64	≤8.00	PASS
11AX40SISO	Ant1	2422	-16.48	≤8.00	PASS
		2437	-17.27	≤8.00	PASS
		2452	-16.43	≤8.00	PASS

Test Graphs

11B_Ant1_2412



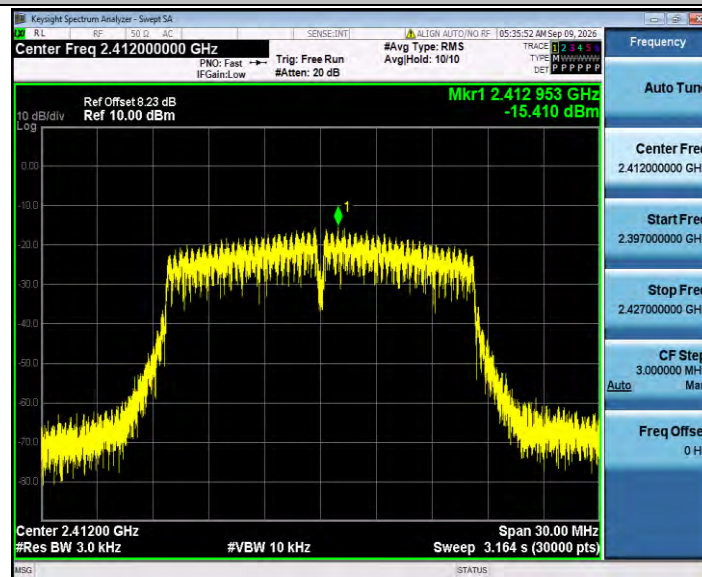
11B_Ant1_2437



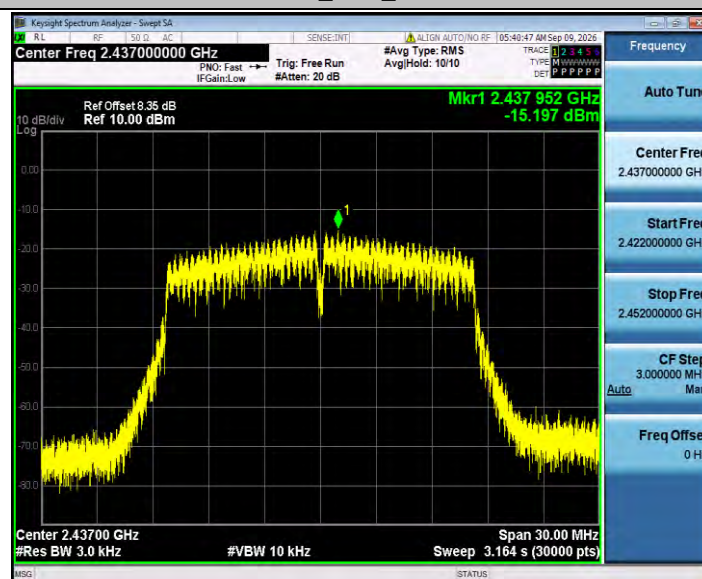
11B_Ant1_2462



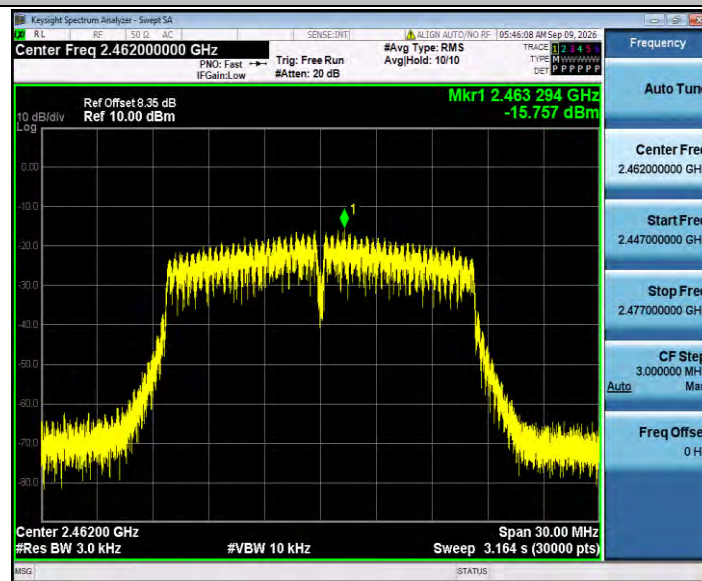
11G_Ant1_2412



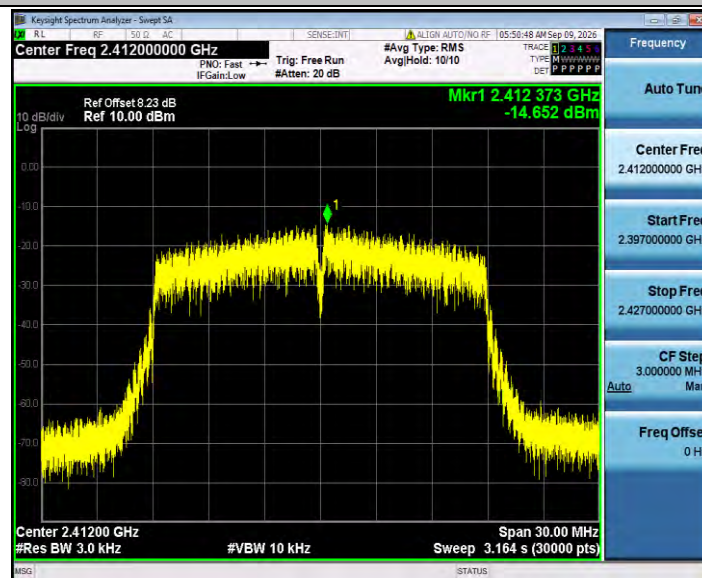
11G_Ant1_2437



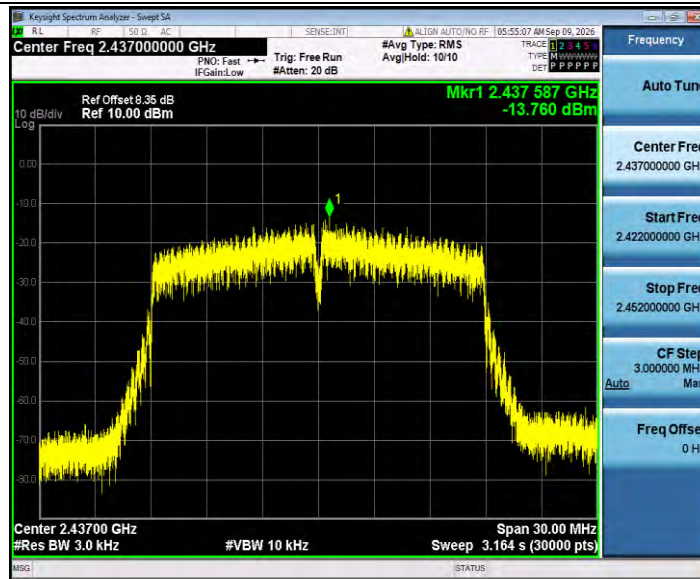
11G_Ant1_2462



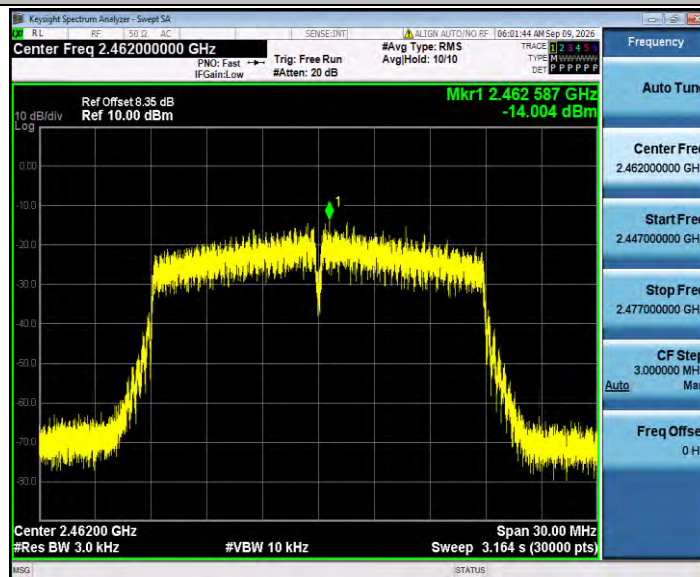
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



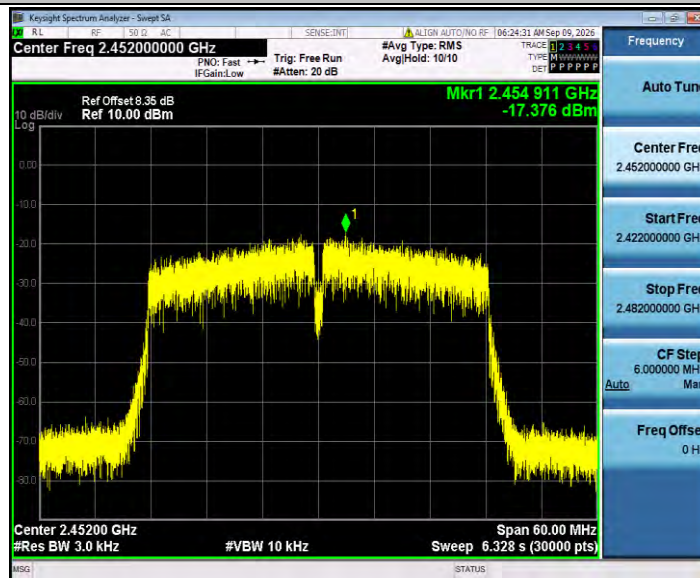
11N40SISO_Ant1_2422



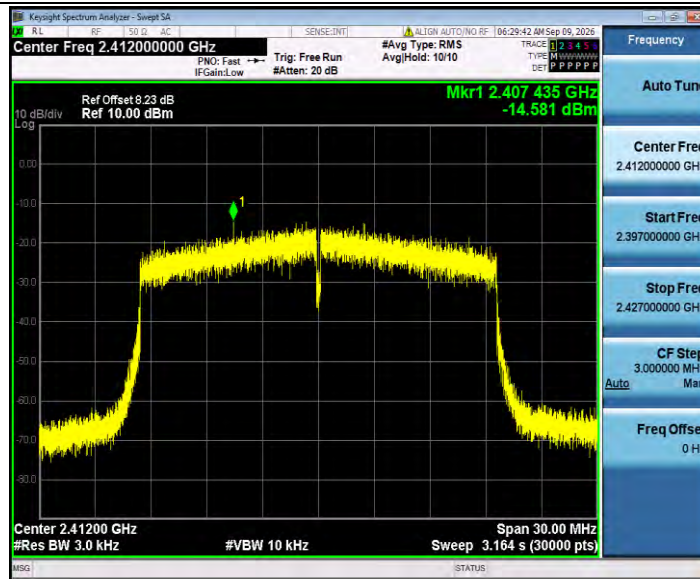
11N40SISO_Ant1_2437



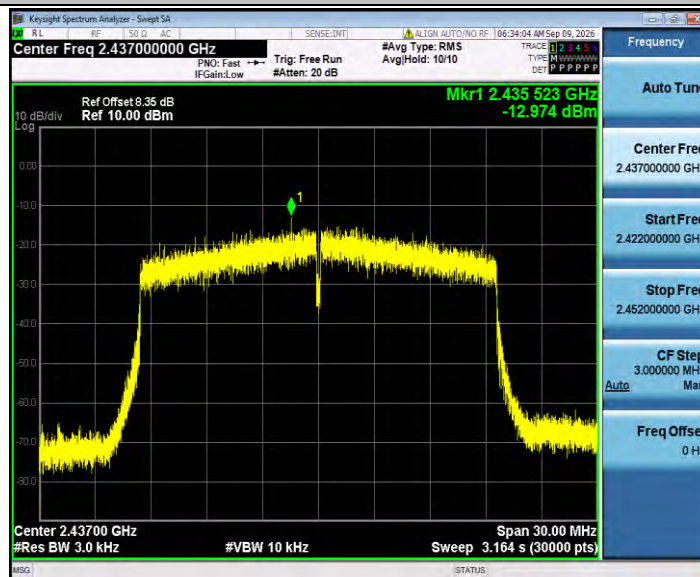
11N40SISO_Ant1_2452



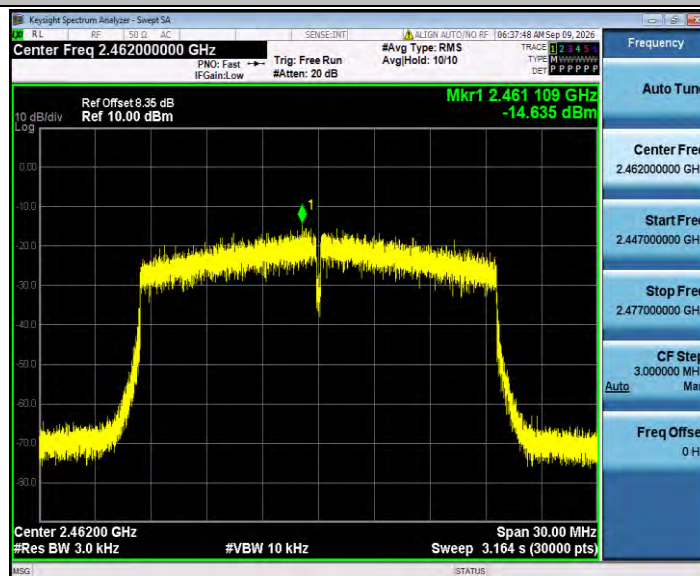
11AX20SISO_Ant1_2412



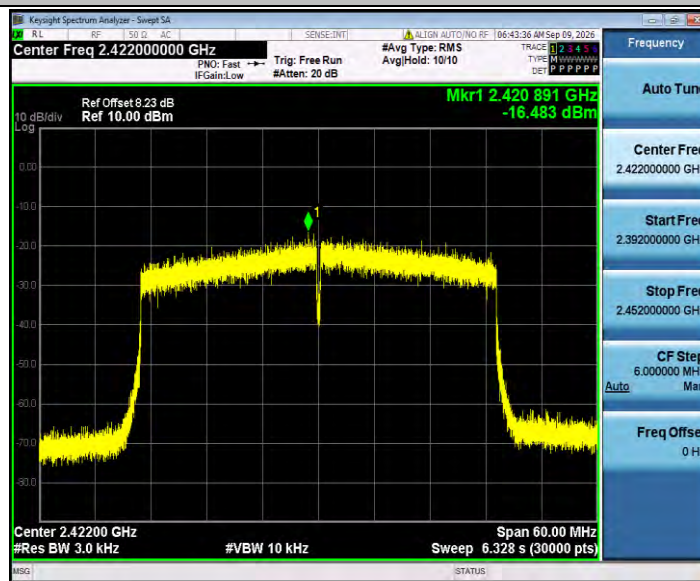
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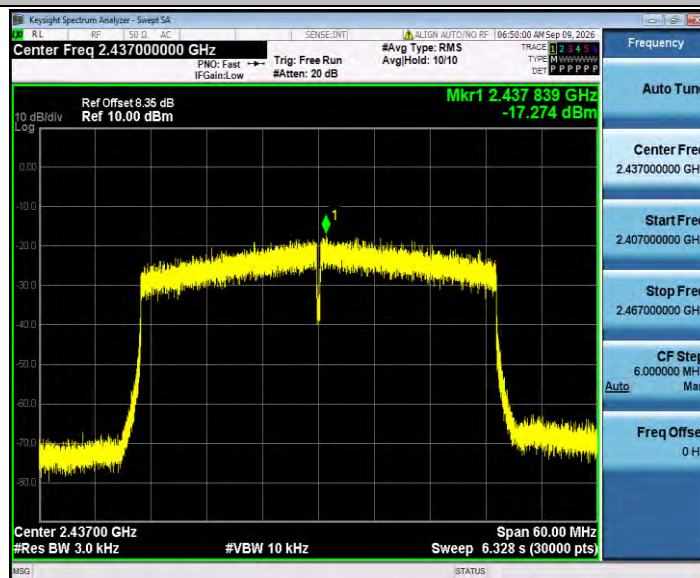
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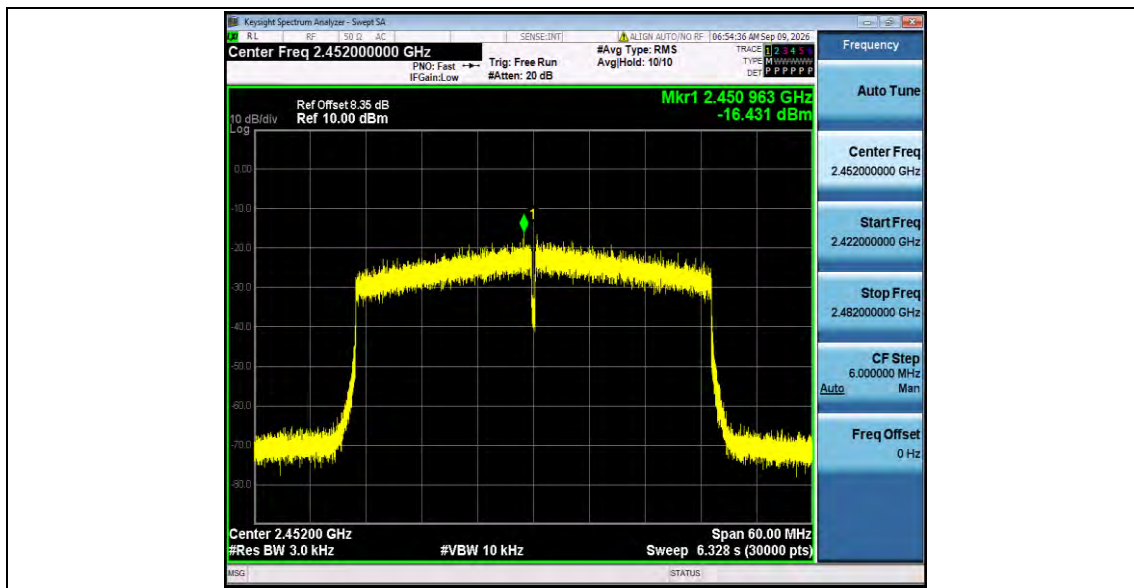
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



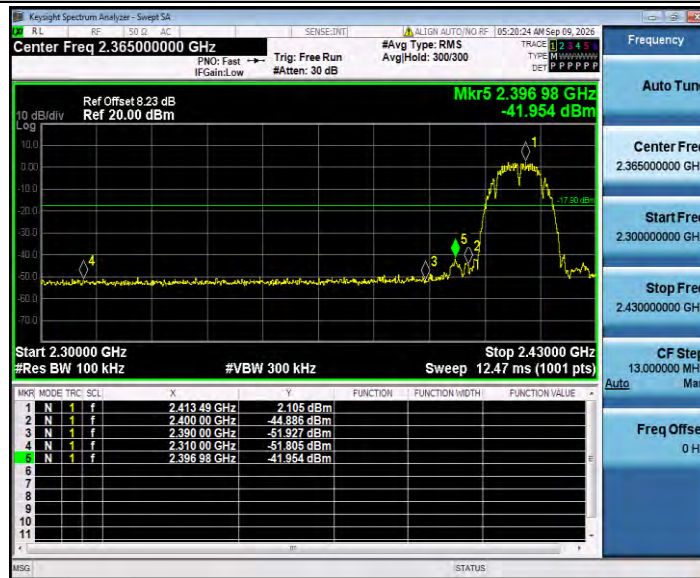
Appendix C.5: Band edge measurements

Test Result

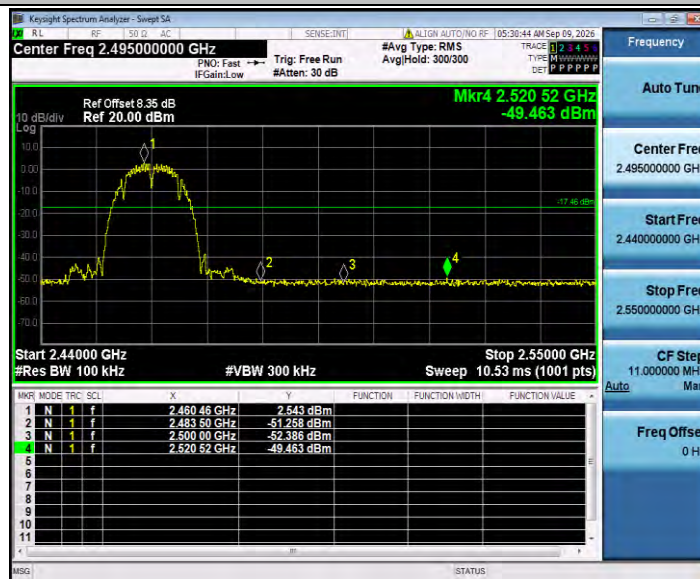
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.11	-41.95	≤ -17.9	PASS
		High	2462	2.54	-49.46	≤ -17.46	PASS
11G	Ant1	Low	2412	0.68	-44.25	≤ -19.32	PASS
		High	2462	0.22	-49.65	≤ -19.78	PASS
11N20SISO	Ant1	Low	2412	1.11	-44.86	≤ -18.89	PASS
		High	2462	1.19	-48.35	≤ -18.81	PASS
11N40SISO	Ant1	Low	2422	-1.94	-45.94	≤ -21.94	PASS
		High	2452	-2.06	-49.05	≤ -22.06	PASS
11AX20SISO	Ant1	Low	2412	-1.27	-45.76	≤ -21.27	PASS
		High	2462	-0.36	-49.03	≤ -20.36	PASS
11AX40SISO	Ant1	Low	2422	-4.19	-47.7	≤ -24.19	PASS
		High	2452	-2.87	-47.81	≤ -22.87	PASS

Test Graphs

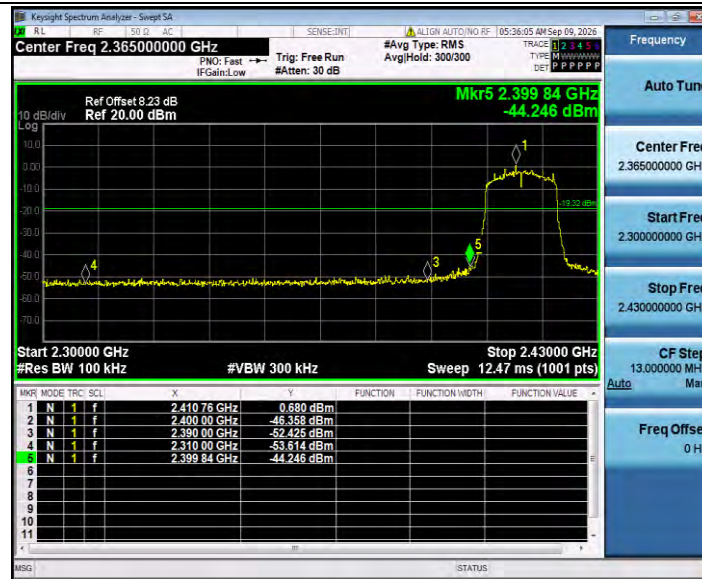
11B_Ant1_Low_2412



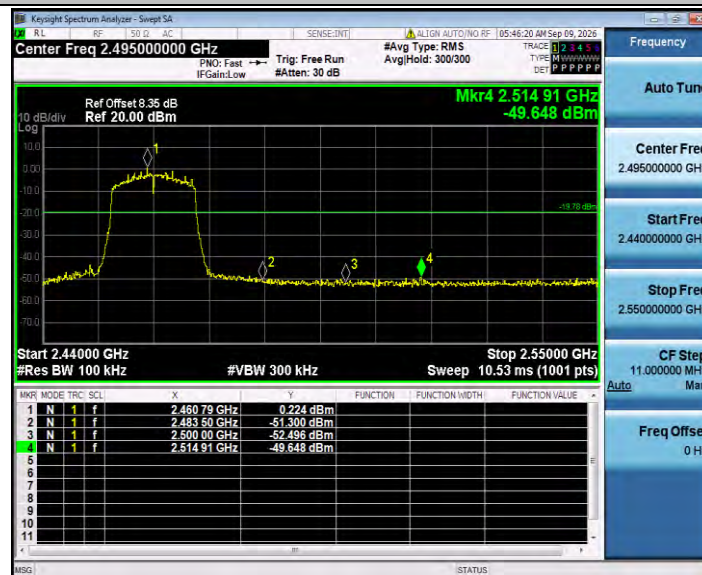
11B_Ant1_High_2462



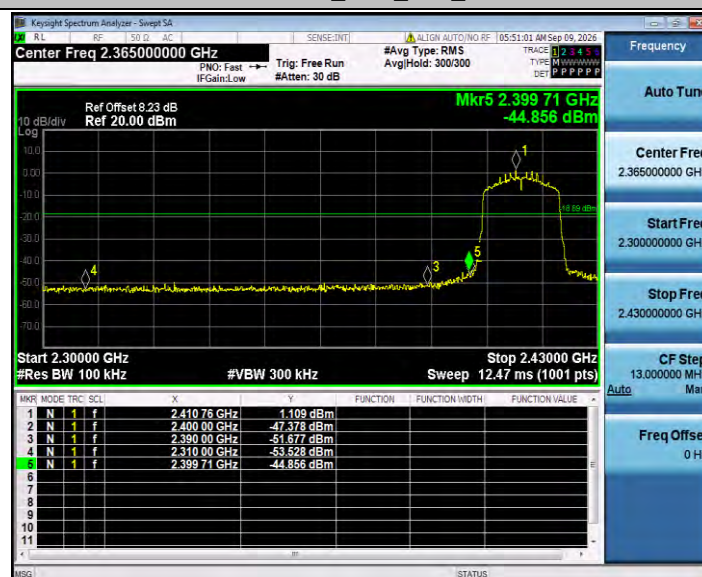
11G_Ant1_Low_2412



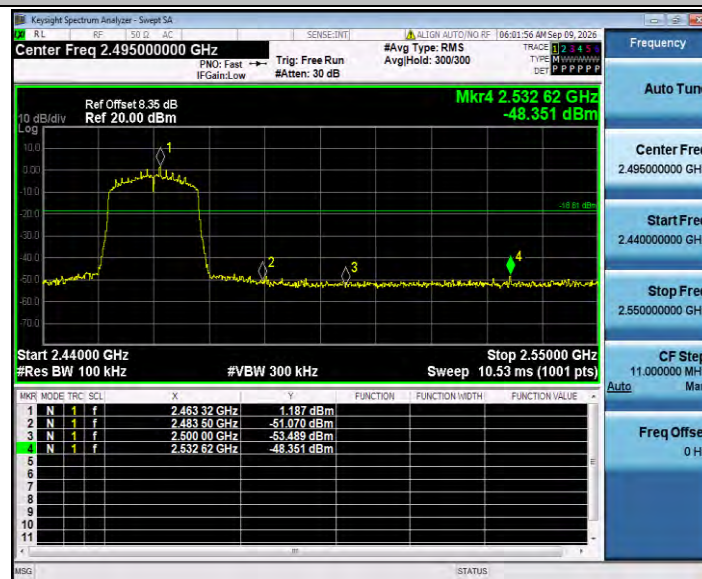
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



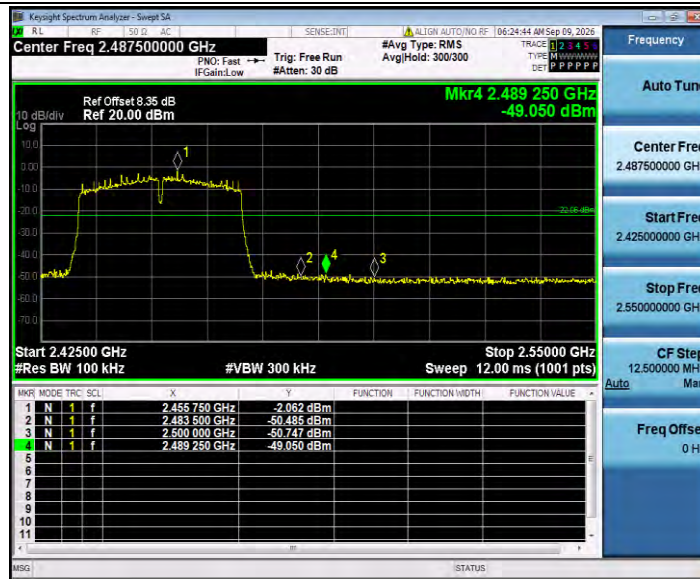
11N20SISO_Ant1_High_2462



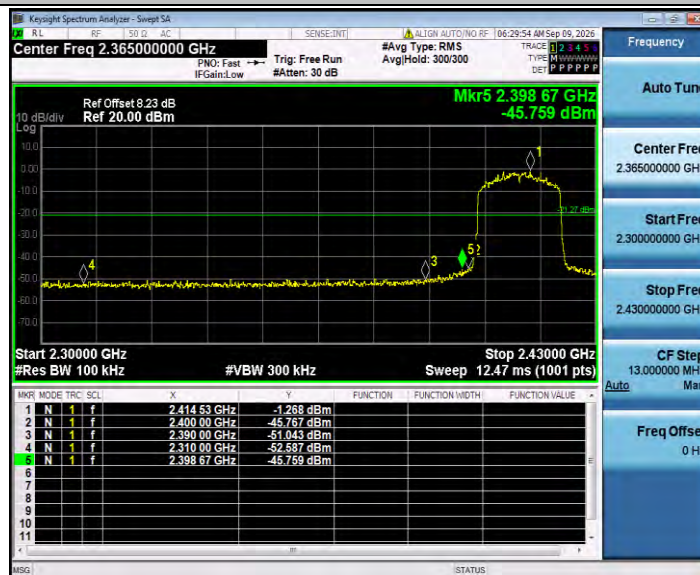
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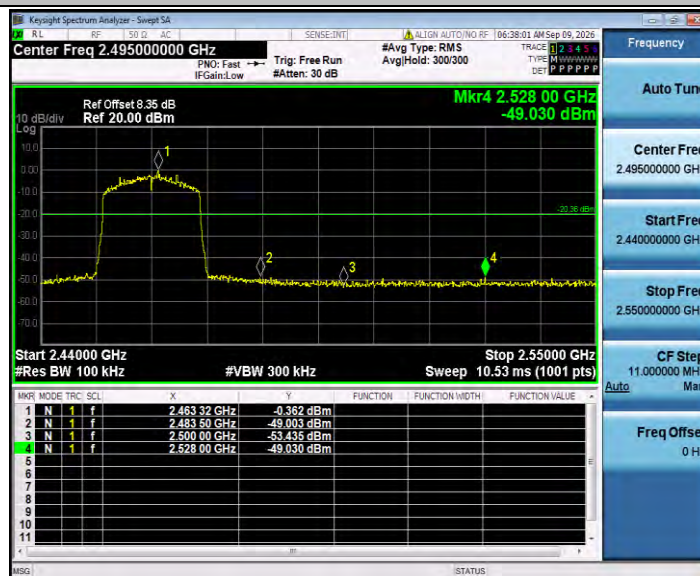
11N40SISO_Ant1_High_2452



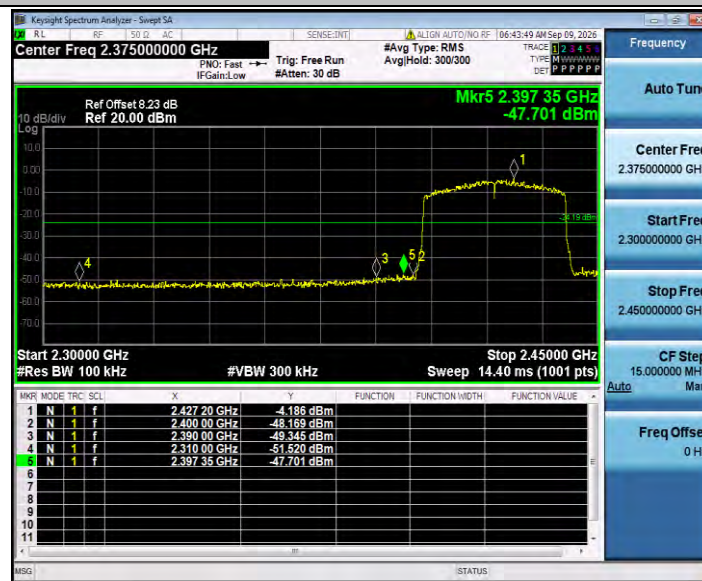
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

