

Case No. : <u>GTS20251122004-3-12</u>
Ambient Condition: <u>22°C, 52%RH,</u>
Test Date: <u>2025.12.15-2026.04.02</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	8.000	2407.960	2415.960	0.5	PASS
		2437	8.120	2432.960	2441.080	0.5	PASS
		2462	8.080	2457.960	2466.040	0.5	PASS
11G	Ant1	2412	16.720	2403.760	2420.480	0.5	PASS
		2437	16.520	2428.760	2445.280	0.5	PASS
		2462	16.600	2453.680	2470.280	0.5	PASS
11N20SISO	Ant1	2412	17.960	2403.080	2421.040	0.5	PASS
		2437	17.800	2428.120	2445.920	0.5	PASS
		2462	17.800	2453.120	2470.920	0.5	PASS
11N40SISO	Ant1	2422	36.720	2403.680	2440.400	0.5	PASS
		2437	36.480	2418.920	2455.400	0.5	PASS
		2452	36.320	2433.920	2470.240	0.5	PASS
11AX20SISO	Ant1	2412	19.080	2402.440	2421.520	0.5	PASS
		2437	19.120	2427.480	2446.600	0.5	PASS
		2462	19.080	2452.520	2471.600	0.5	PASS
11AX40SISO	Ant1	2422	38.000	2403.200	2441.200	0.5	PASS
		2437	38.080	2418.120	2456.200	0.5	PASS
		2452	37.840	2433.280	2471.120	0.5	PASS



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



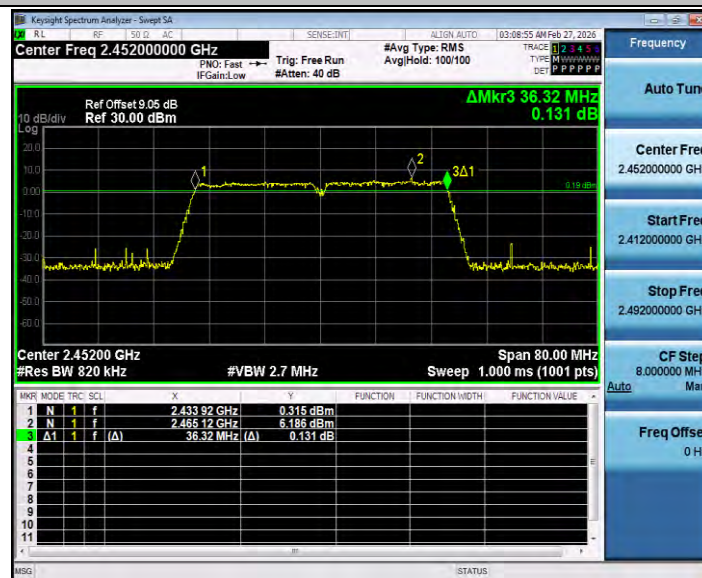
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11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



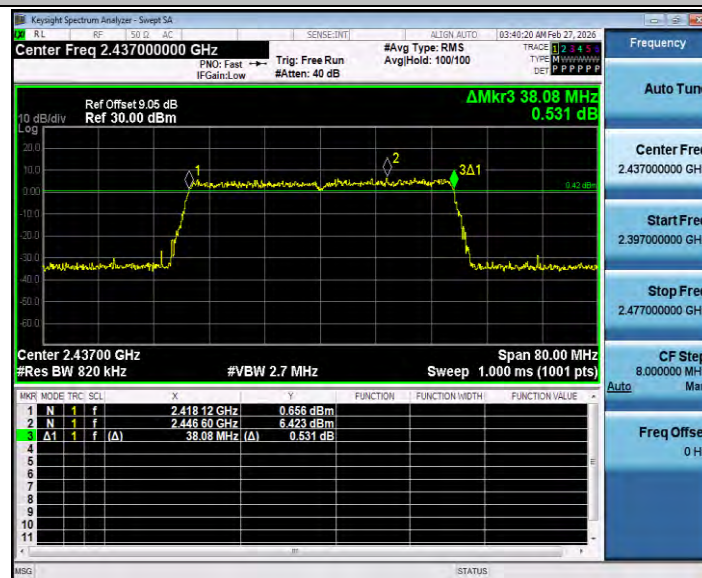
11AX20SISO_Ant1_2462



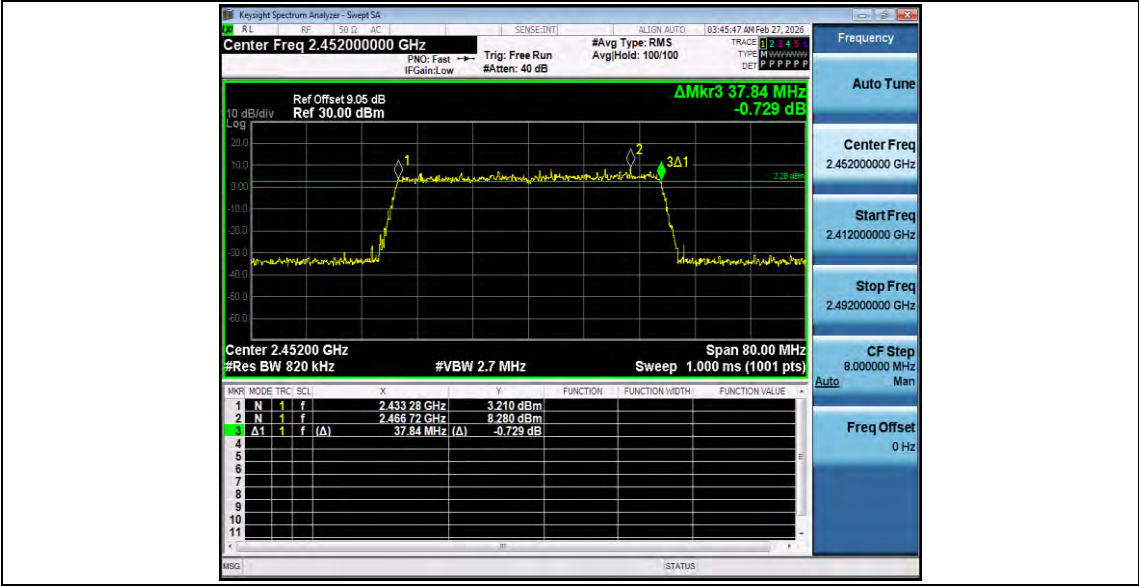
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



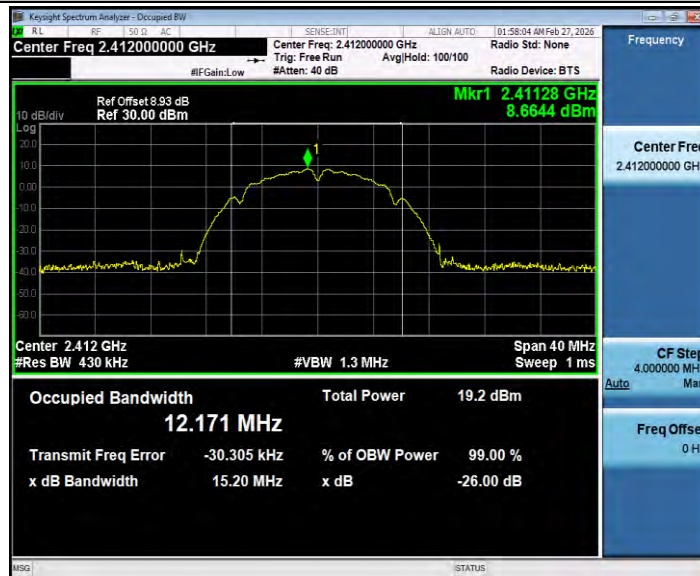
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.171	2405.8842	2418.0552	---	---
		2437	12.181	2430.9208	2443.1018	---	---
		2462	12.135	2455.9161	2468.0511	---	---
11G	Ant1	2412	17.403	2403.3446	2420.7476	---	---
		2437	17.301	2428.4076	2445.7086	---	---
		2462	17.166	2453.4465	2470.6125	---	---
11N20SISO	Ant1	2412	18.261	2402.9178	2421.1788	---	---
		2437	18.344	2427.8705	2446.2145	---	---
		2462	18.272	2452.8876	2471.1596	---	---
11N40SISO	Ant1	2422	36.711	2403.7508	2440.4618	---	---
		2437	36.769	2418.7139	2455.4829	---	---
		2452	36.696	2433.7665	2470.4625	---	---
11AX20SISO	Ant1	2412	19.361	2402.3571	2421.7181	---	---
		2437	19.307	2427.3977	2446.7047	---	---
		2462	19.248	2452.3856	2471.6336	---	---
11AX40SISO	Ant1	2422	38.138	2403.0191	2441.1571	---	---
		2437	38.006	2418.0731	2456.0791	---	---
		2452	38.117	2433.0147	2471.1317	---	---

Test Graphs

11B_Ant1_2412



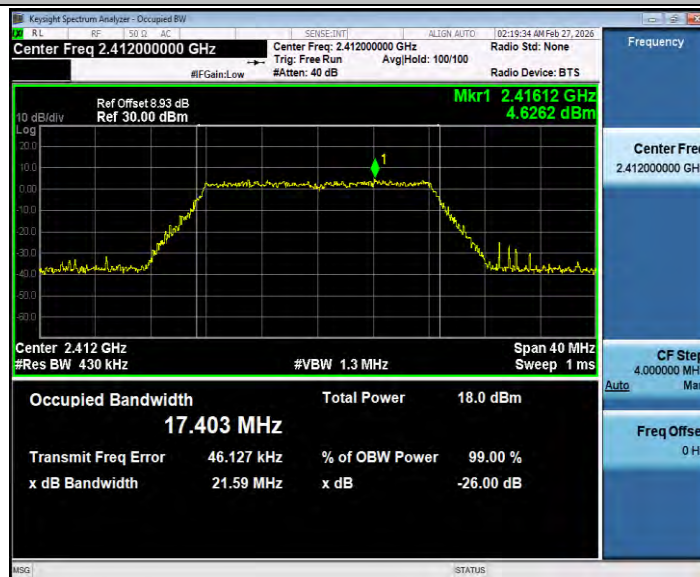
11B_Ant1_2437



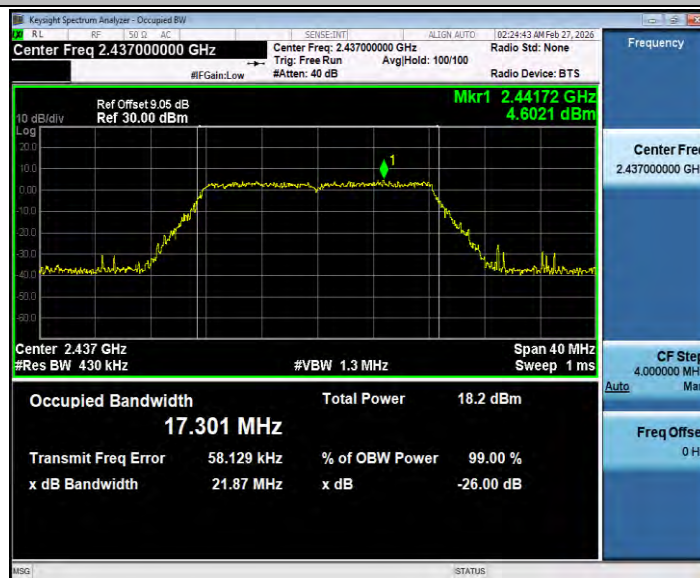
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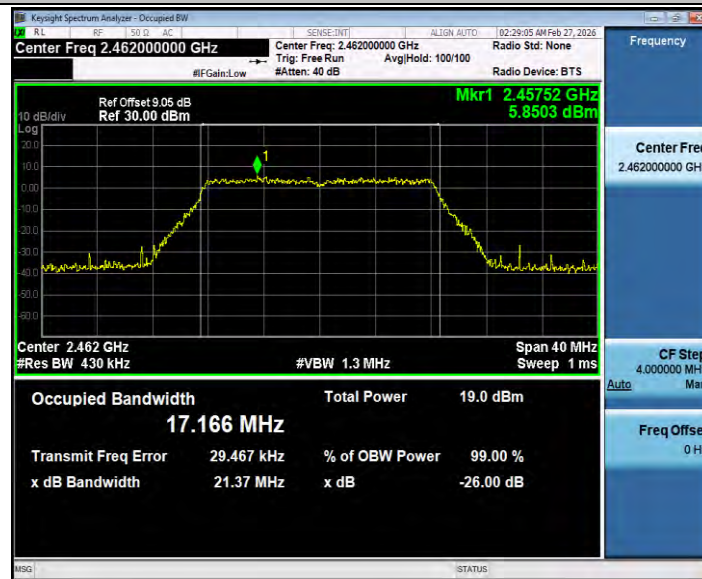
11G_Ant1_2412



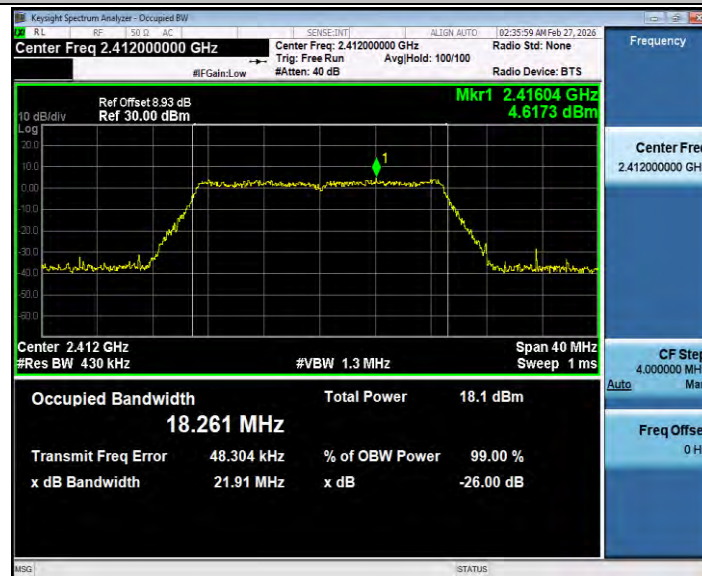
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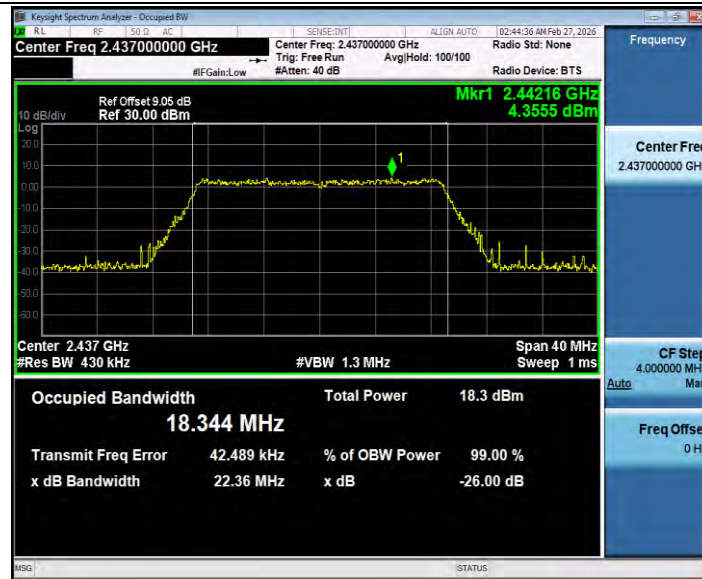
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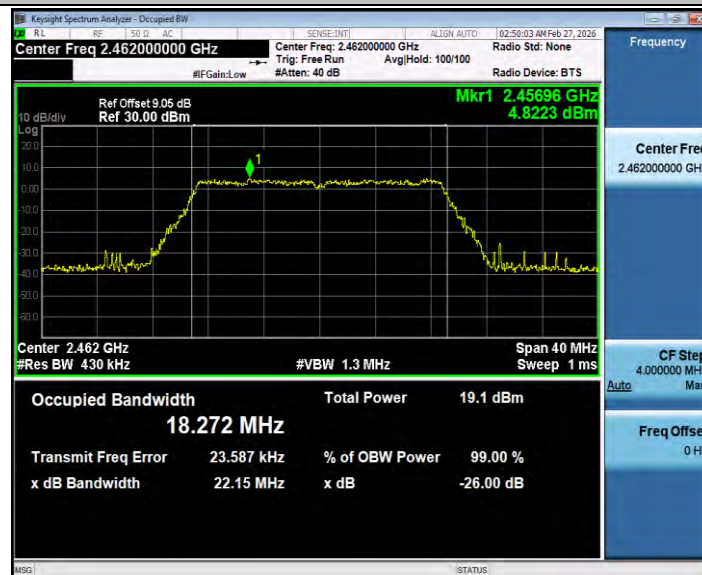
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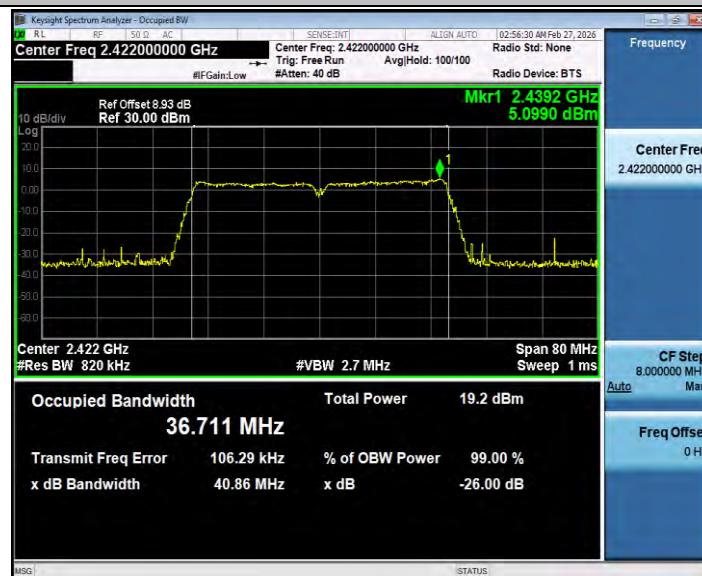
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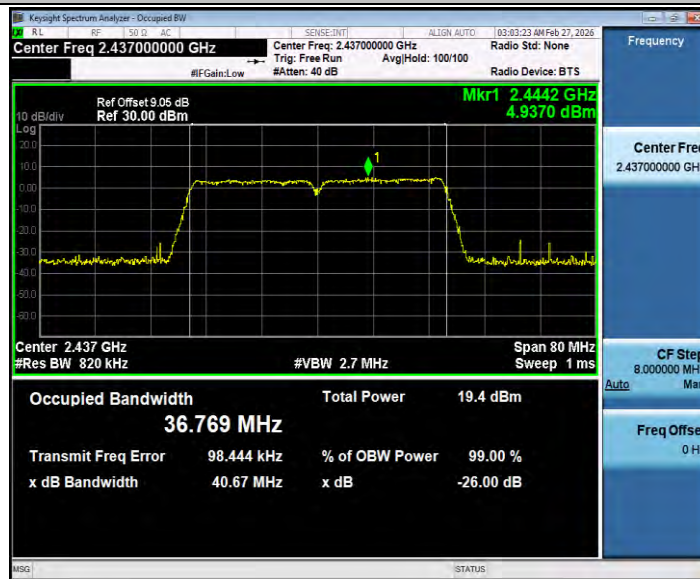
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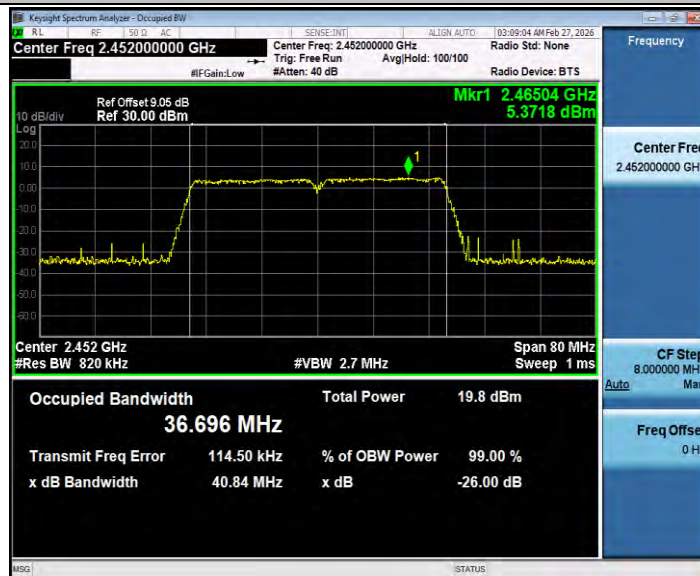
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11N40SISO_Ant1_2437



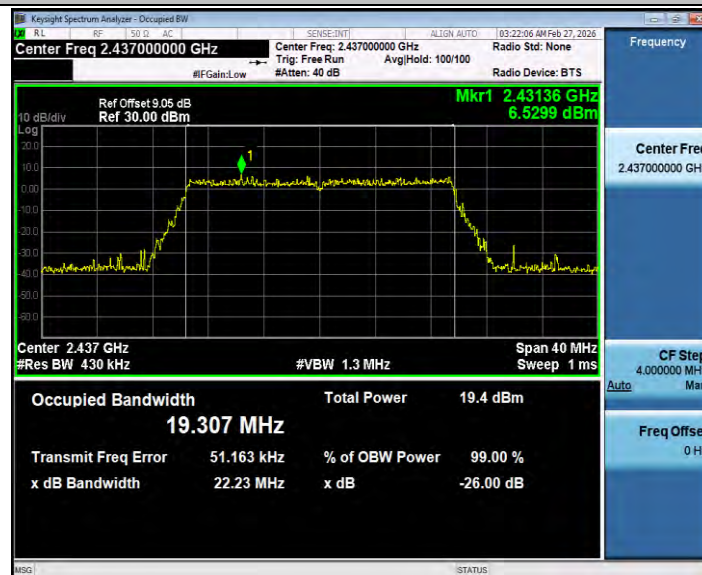
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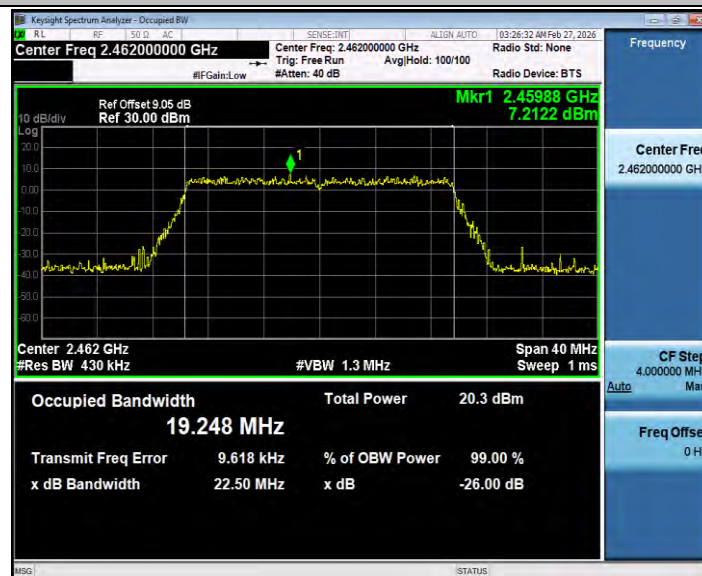
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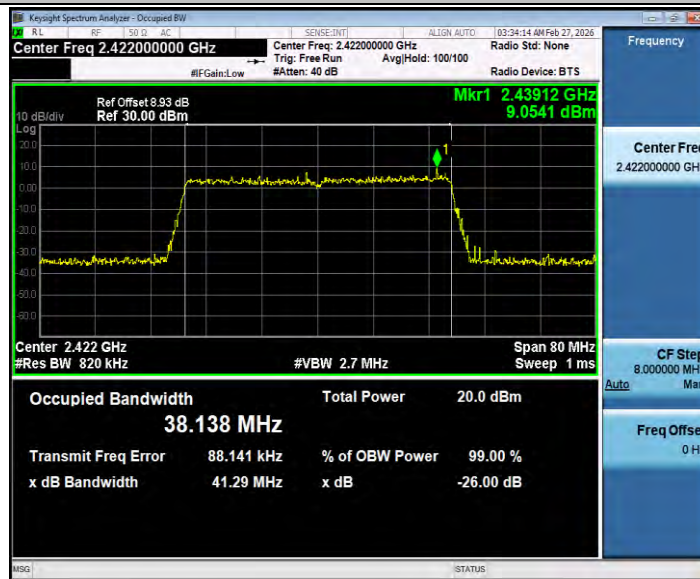
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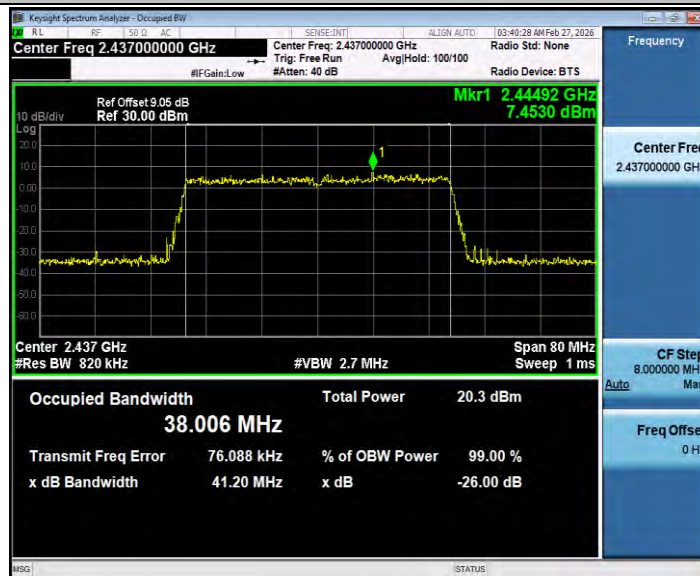
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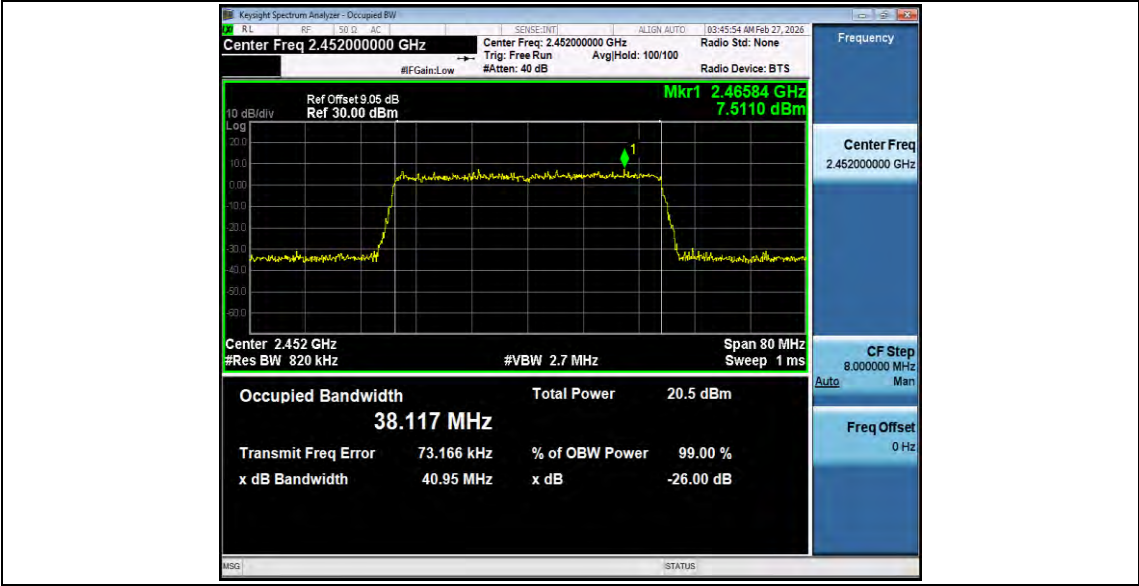
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result -CHP

TestMode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	18.80	≤30.00	PASS
		2437	18.69	≤30.00	PASS
		2462	19.86	≤30.00	PASS
11G	Ant1	2412	19.22	≤30.00	PASS
		2437	19.52	≤30.00	PASS
		2462	20.26	≤30.00	PASS
11N20SISO	Ant1	2412	19.30	≤30.00	PASS
		2437	19.53	≤30.00	PASS
		2462	20.43	≤30.00	PASS
11N40SISO	Ant1	2422	19.59	≤30.00	PASS
		2437	19.80	≤30.00	PASS
		2452	20.28	≤30.00	PASS
11AX20SISO	Ant1	2412	20.06	≤30.00	PASS
		2437	20.18	≤30.00	PASS
		2462	21.08	≤30.00	PASS
11AX40SISO	Ant1	2422	20.05	≤30.00	PASS
		2437	20.29	≤30.00	PASS
		2452	20.77	≤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	-5.71	≤8.00	PASS
		2437	-6.09	≤8.00	PASS
		2462	-4.61	≤8.00	PASS
11G	Ant1	2412	-13.20	≤8.00	PASS
		2437	-12.59	≤8.00	PASS
		2462	-11.14	≤8.00	PASS
11N20SISO	Ant1	2412	-13.22	≤8.00	PASS
		2437	-12.68	≤8.00	PASS
		2462	-10.39	≤8.00	PASS
11N40SISO	Ant1	2422	-14.91	≤8.00	PASS
		2437	-14.35	≤8.00	PASS
		2452	-13.06	≤8.00	PASS
11AX20SISO	Ant1	2412	-13.79	≤8.00	PASS
		2437	-12.96	≤8.00	PASS
		2462	-13.39	≤8.00	PASS
11AX40SISO	Ant1	2422	-15.47	≤8.00	PASS
		2437	-15.38	≤8.00	PASS
		2452	-15.20	≤8.00	PASS

Test Graphs

11B_Ant1_2412



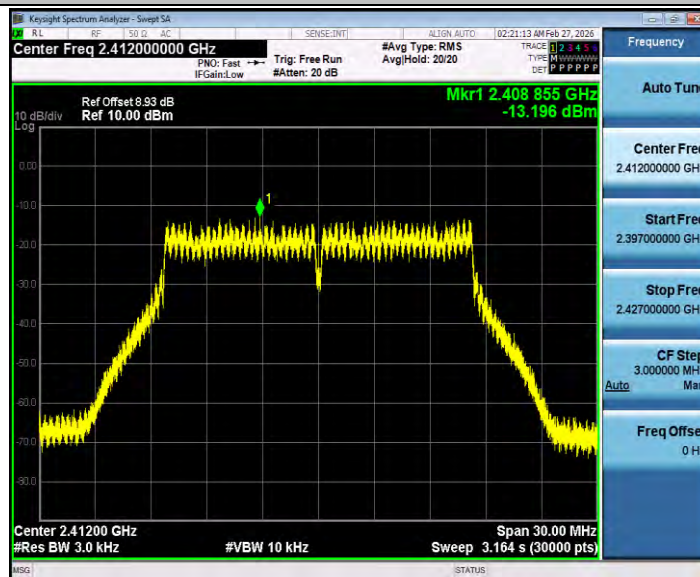
11B_Ant1_2437



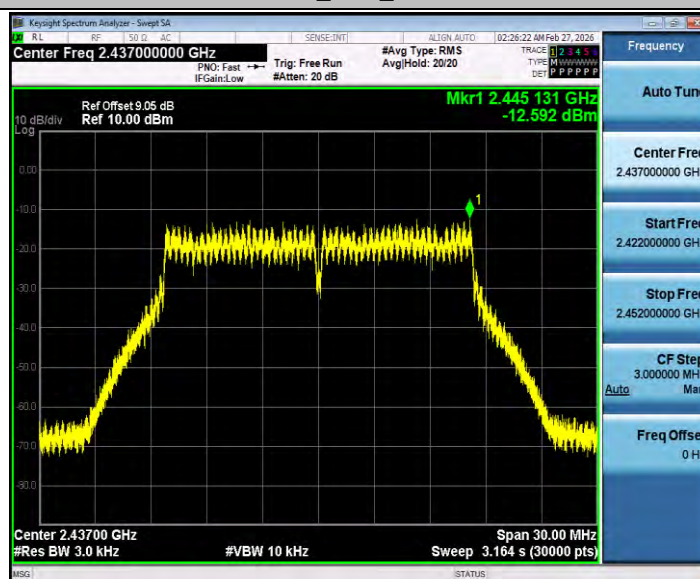
11B_Ant1_2462



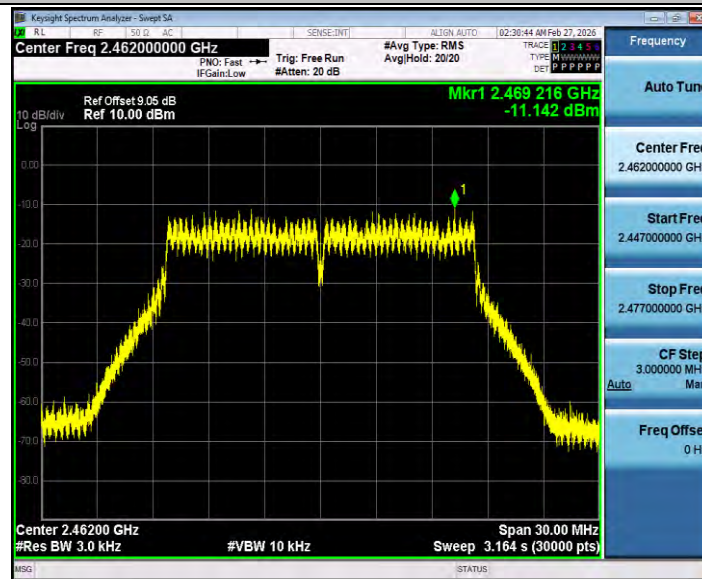
11G_Ant1_2412



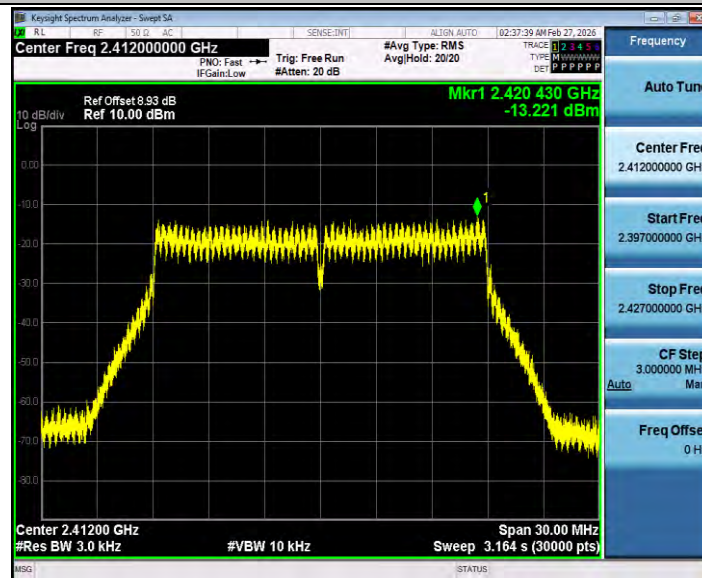
11G_Ant1_2437



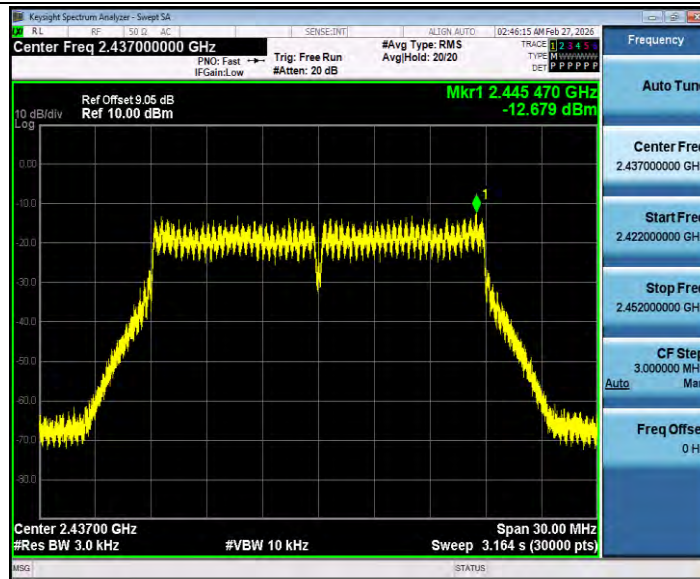
11G_Ant1_2462



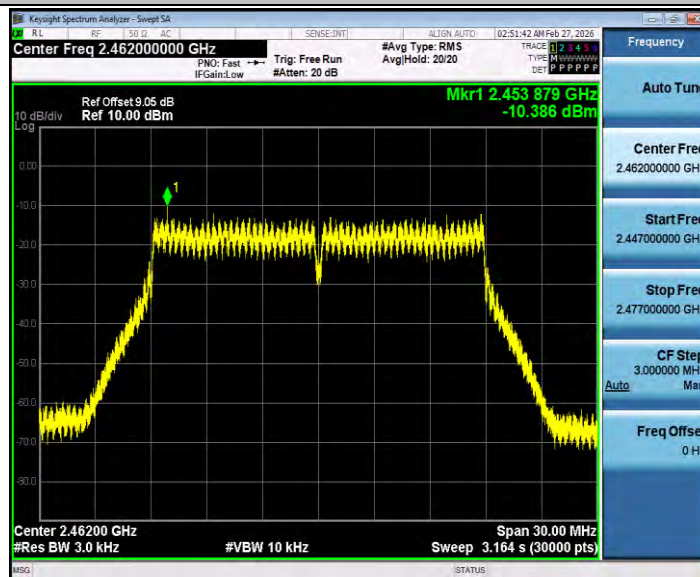
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



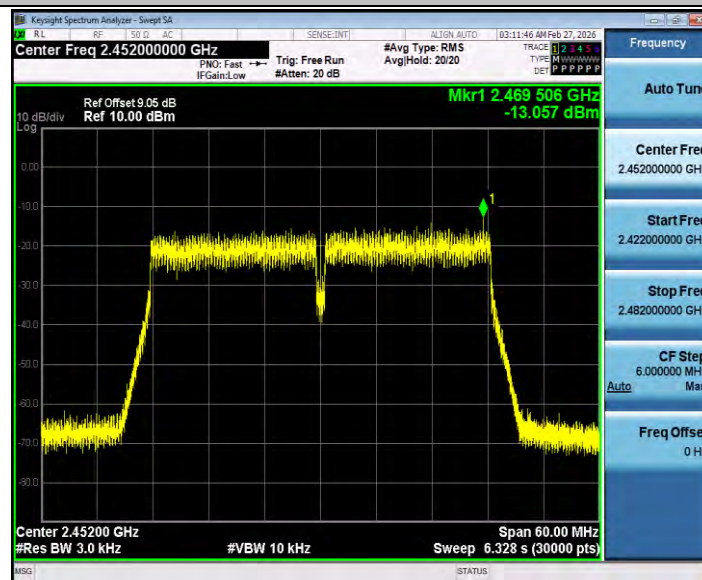
11N40SISO_Ant1_2422



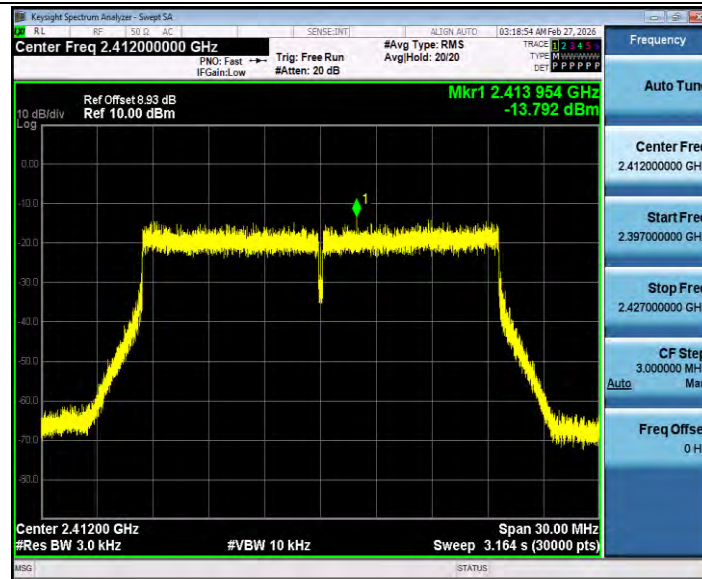
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



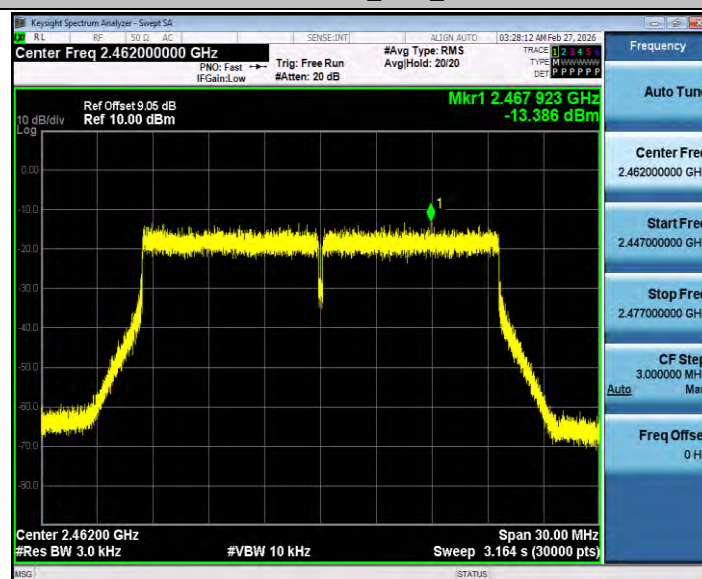
11AX20SISO_Ant1_2412



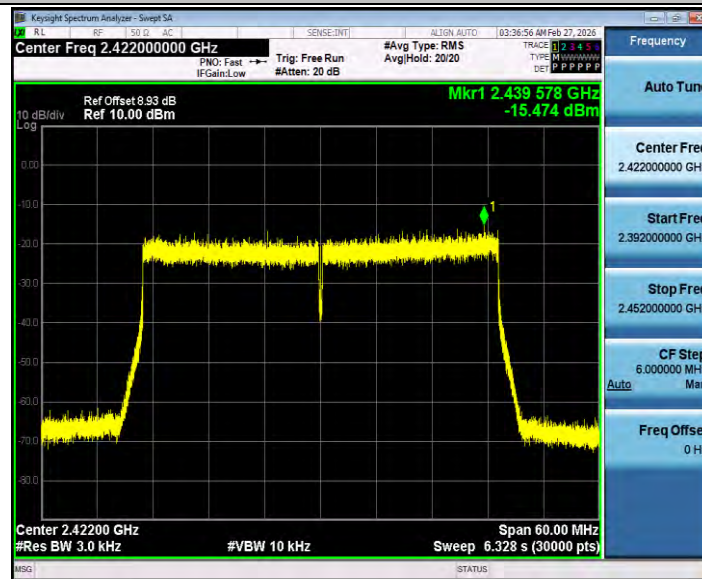
11AX20ISO_Ant1_2437



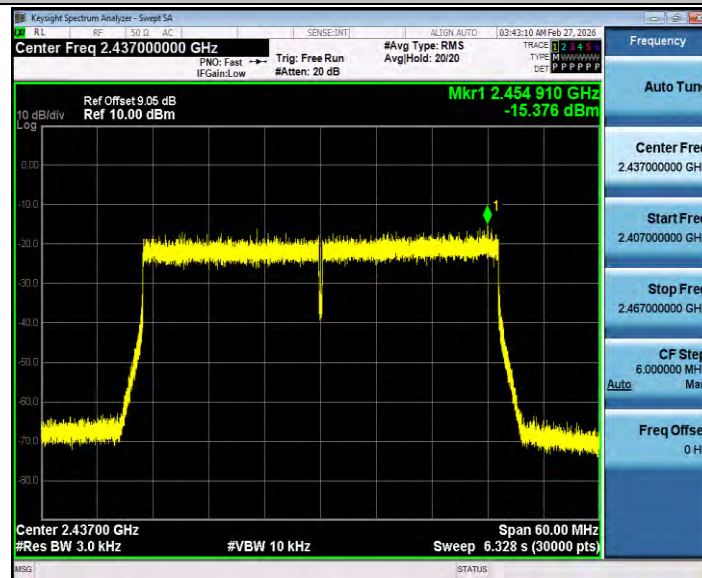
11AX20ISO_Ant1_2462



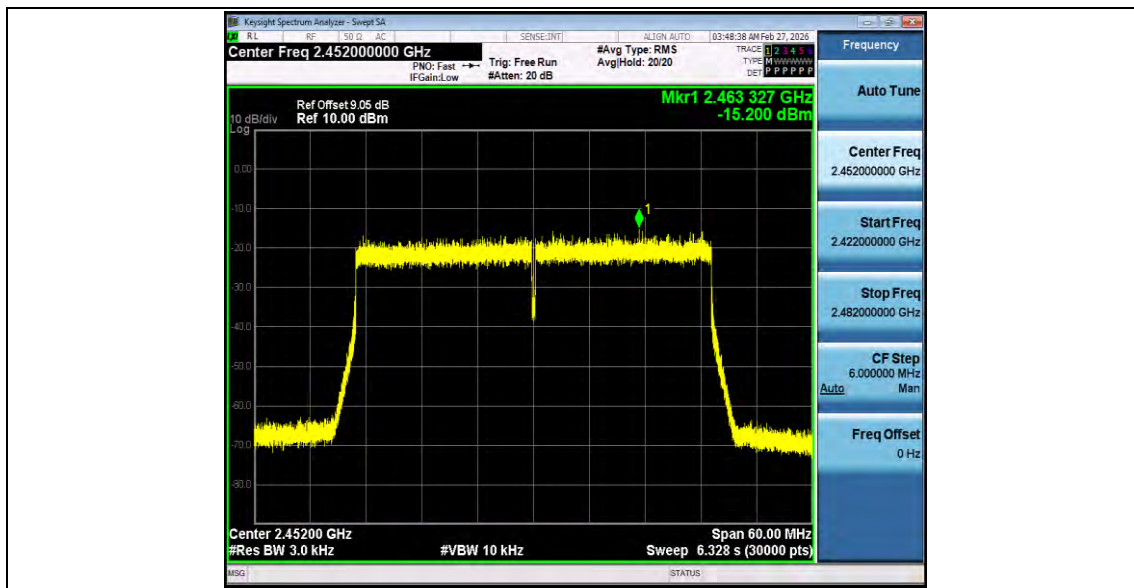
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



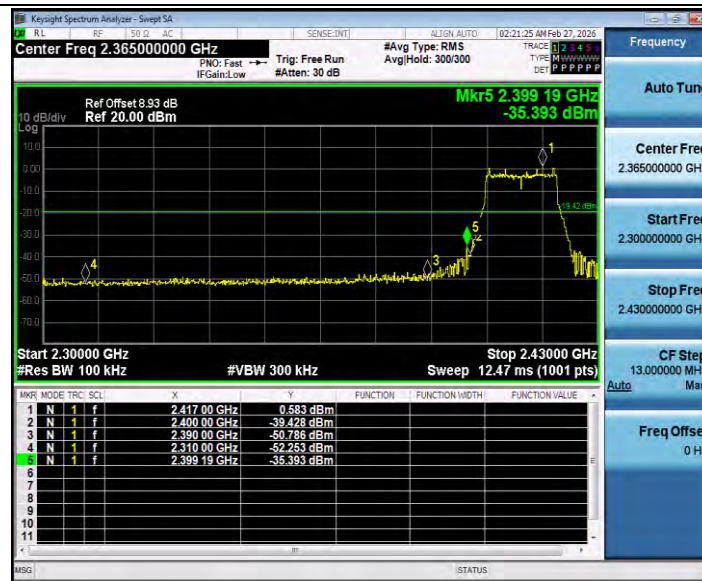
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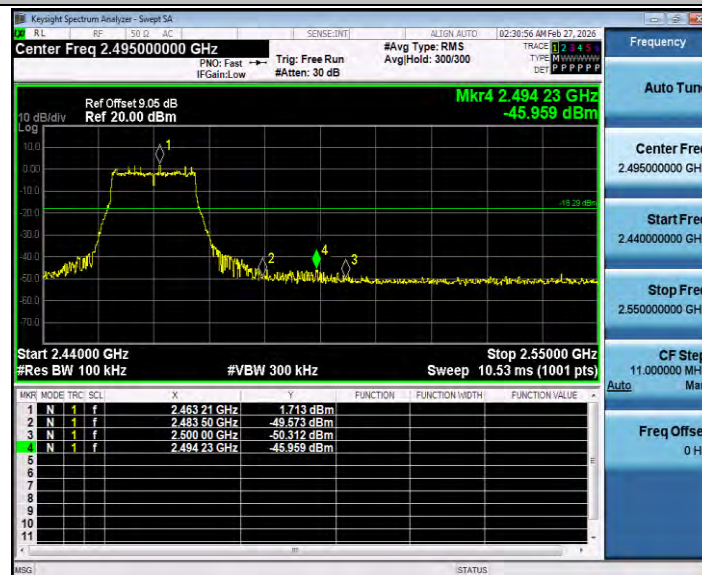
Appendix C.5:Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.63	-43.61	≤ -12.37	PASS
		High	2462	8.47	-48.88	≤ -11.54	PASS
11G	Ant1	Low	2412	0.58	-35.39	≤ -19.42	PASS
		High	2462	1.71	-45.96	≤ -18.29	PASS
11N20SISO	Ant1	Low	2412	0.79	-37.72	≤ -19.21	PASS
		High	2462	1.62	-45.27	≤ -18.39	PASS
11N40SISO	Ant1	Low	2422	-1.39	-42.38	≤ -21.39	PASS
		High	2452	-1.22	-39.69	≤ -21.22	PASS
11AX20SISO	Ant1	Low	2412	0.29	-38.8	≤ -19.71	PASS
		High	2462	1.38	-45.41	≤ -18.62	PASS
11AX40SISO	Ant1	Low	2422	-1.30	-42.23	≤ -21.3	PASS
		High	2452	-1.77	-46.44	≤ -21.77	PASS



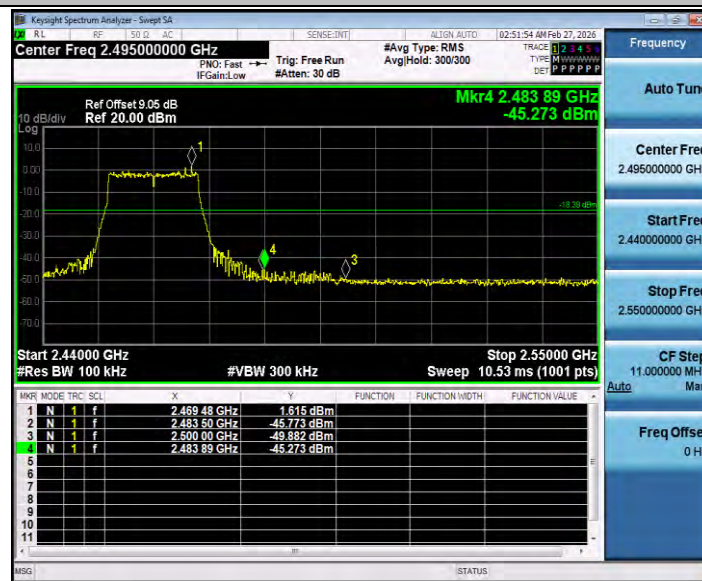
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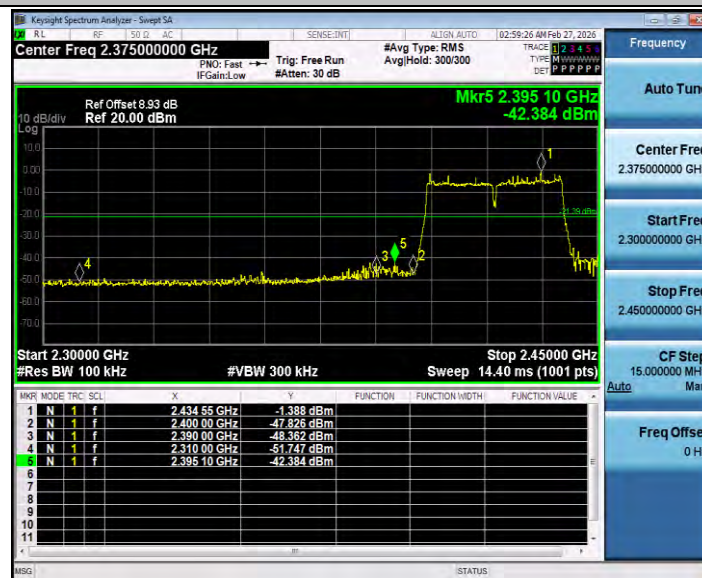
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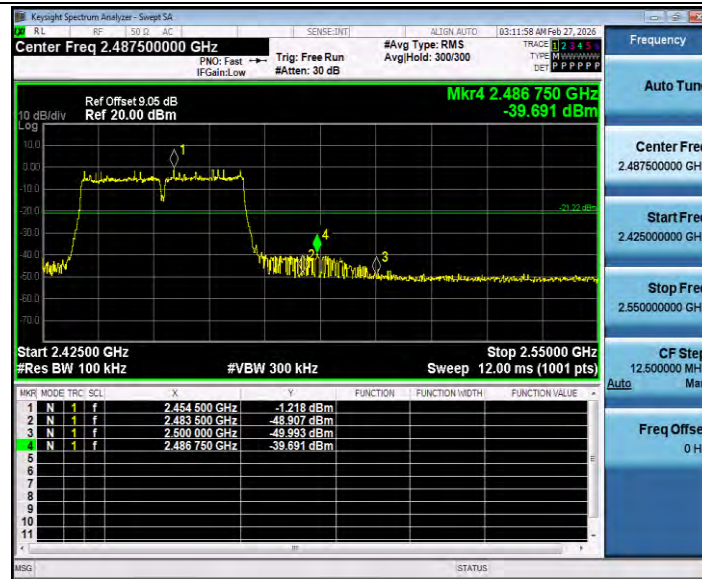
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11N40SISO_Ant1_Low_2422



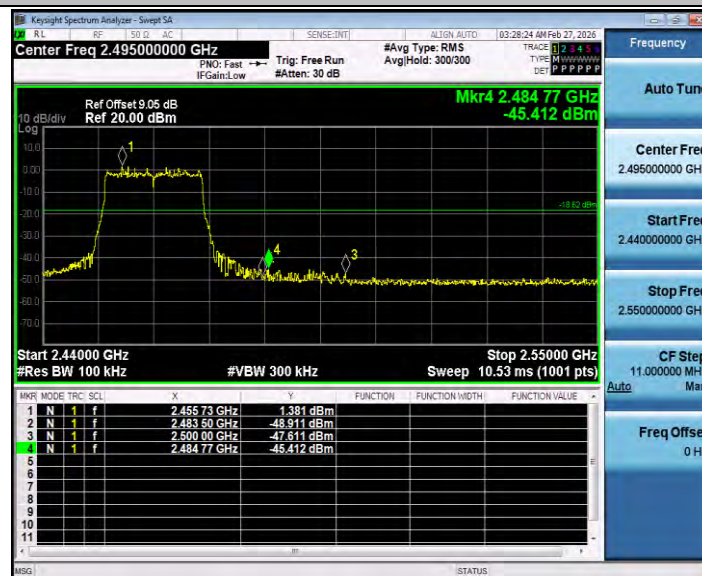
11N40SISO_Ant1_High_2452



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

