

Case No. : <u>GTS20251018005-2-03</u>
Ambient Condition: <u>22</u> °C, <u>47</u> %RH,
Test Date: <u>2025.10.24-2025.11.17</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	9.360	2407.280	2416.640	0.5	PASS
		2437	9.360	2432.280	2441.640	0.5	PASS
		2462	9.360	2457.280	2466.640	0.5	PASS
11G	Ant1	2412	16.520	2403.720	2420.240	0.5	PASS
		2437	16.520	2428.720	2445.240	0.5	PASS
		2462	16.360	2453.760	2470.120	0.5	PASS
11N20SISO	Ant1	2412	17.920	2402.960	2420.880	0.5	PASS
		2437	18.000	2428.080	2446.080	0.5	PASS
		2462	18.040	2452.840	2470.880	0.5	PASS
11N40SISO	Ant1	2422	36.480	2403.600	2440.080	0.5	PASS
		2437	36.720	2418.520	2455.240	0.5	PASS
		2452	36.720	2433.440	2470.160	0.5	PASS
11AX20SISO	Ant1	2412	19.040	2402.400	2421.440	0.5	PASS
		2437	19.200	2427.360	2446.560	0.5	PASS
		2462	19.000	2452.440	2471.440	0.5	PASS
11AX40SISO	Ant1	2422	37.920	2402.960	2440.880	0.5	PASS
		2437	38.160	2417.720	2455.880	0.5	PASS
		2452	37.760	2433.040	2470.800	0.5	PASS

Test Graphs





11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



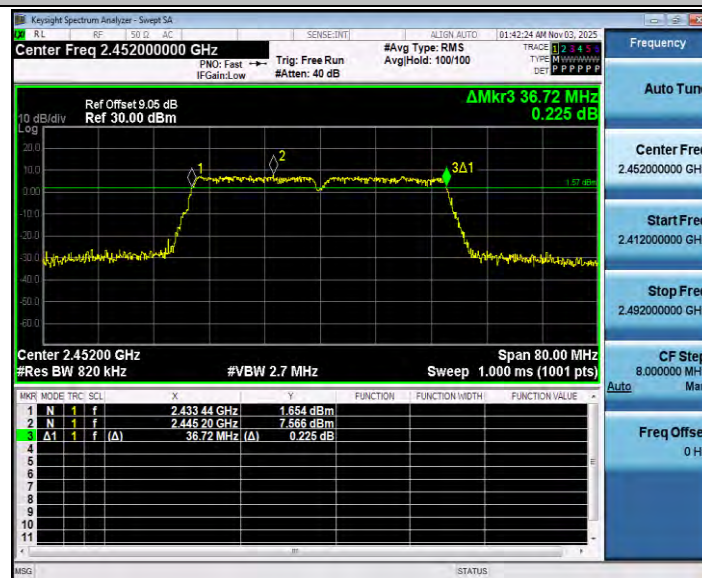
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



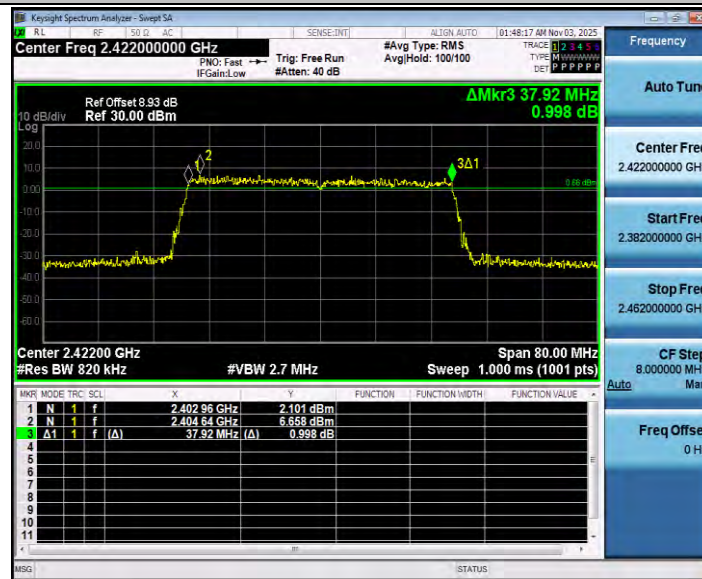
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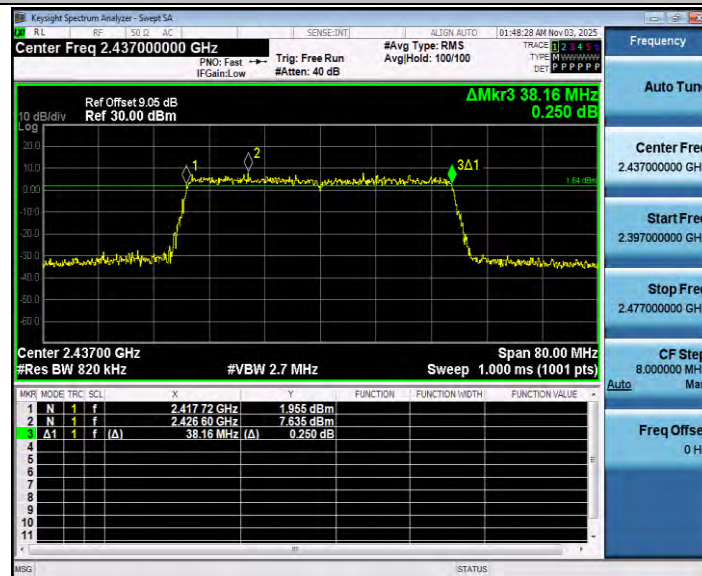
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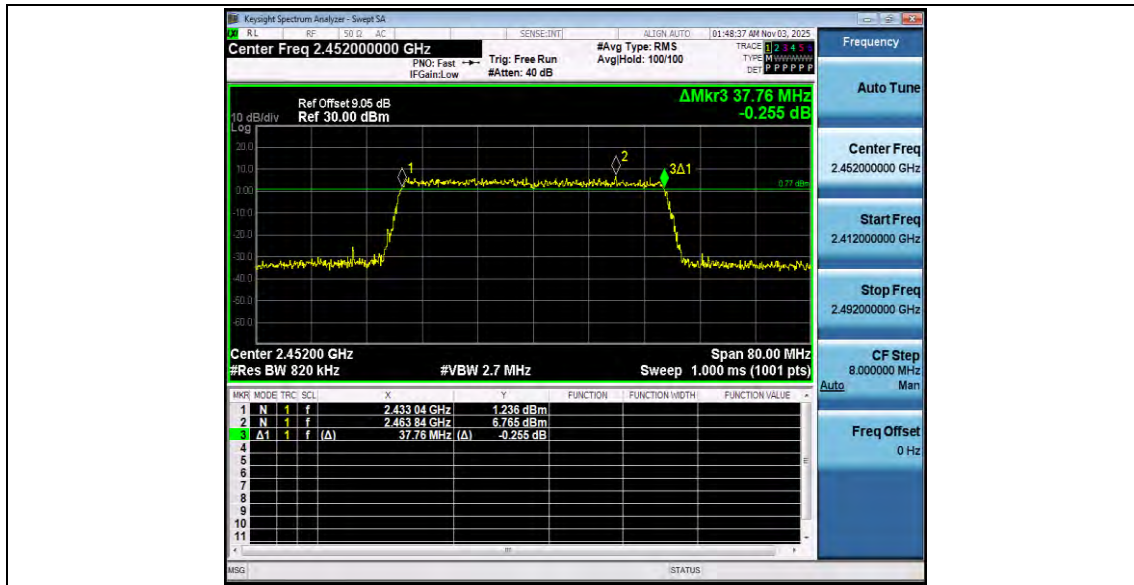
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



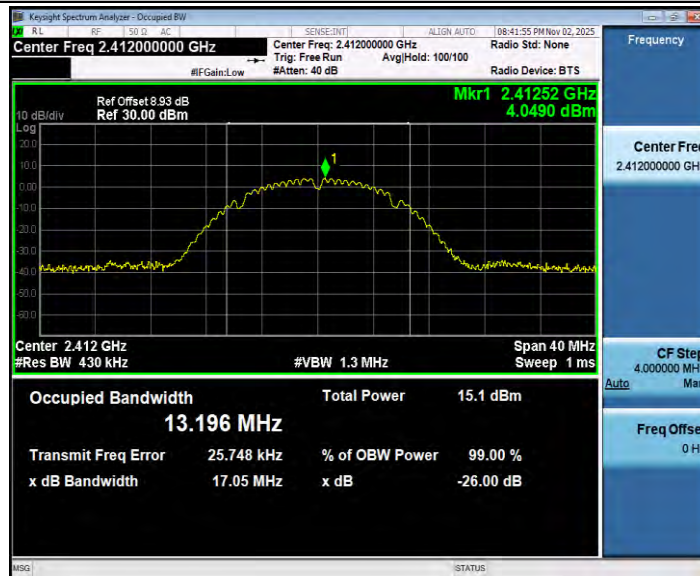
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.196	2405.4278	2418.6238	---	---
		2437	13.182	2430.4371	2443.6191	---	---
		2462	13.190	2455.4079	2468.5979	---	---
11G	Ant1	2412	17.367	2403.2736	2420.6406	---	---
		2437	17.346	2428.3244	2445.6704	---	---
		2462	17.295	2453.2512	2470.5462	---	---
11N20SISO	Ant1	2412	18.461	2402.7395	2421.2005	---	---
		2437	18.343	2427.8203	2446.1633	---	---
		2462	18.507	2452.7005	2471.2075	---	---
11N40SISO	Ant1	2422	36.739	2403.6159	2440.3549	---	---
		2437	36.658	2418.6350	2455.2930	---	---
		2452	36.770	2433.5785	2470.3485	---	---
11AX20SISO	Ant1	2412	19.233	2402.3961	2421.6291	---	---
		2437	19.252	2427.3895	2446.6415	---	---
		2462	19.253	2452.3356	2471.5886	---	---
11AX40SISO	Ant1	2422	37.912	2403.0280	2440.9400	---	---
		2437	37.908	2418.0083	2455.9163	---	---
		2452	37.943	2432.9775	2470.9205	---	---

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



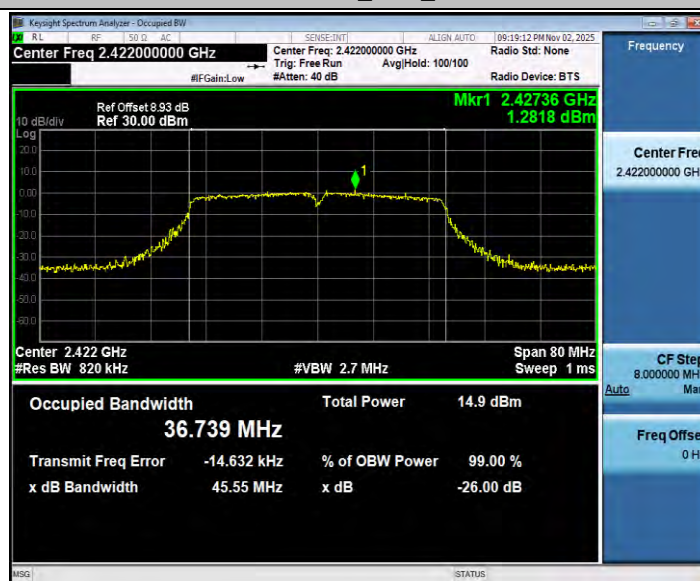
11N20SISO_Ant1_2437



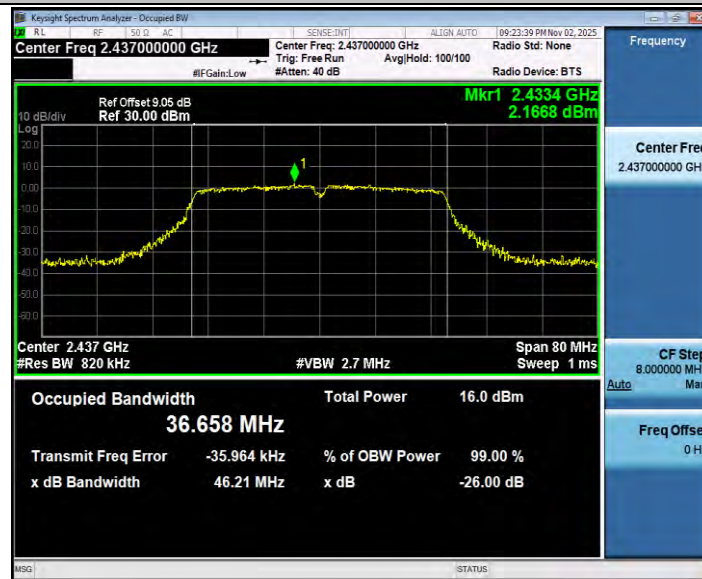
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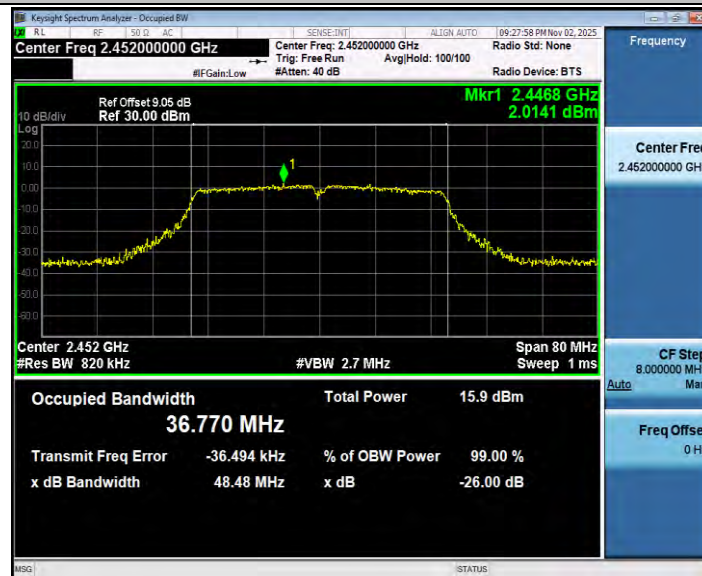
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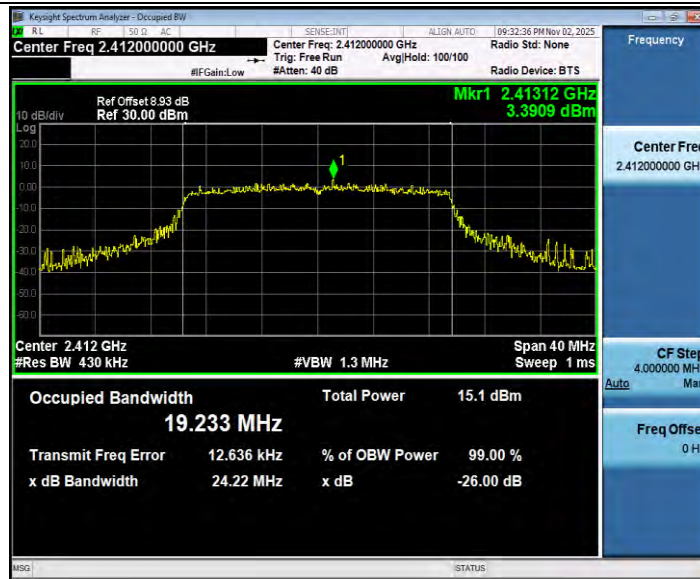
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



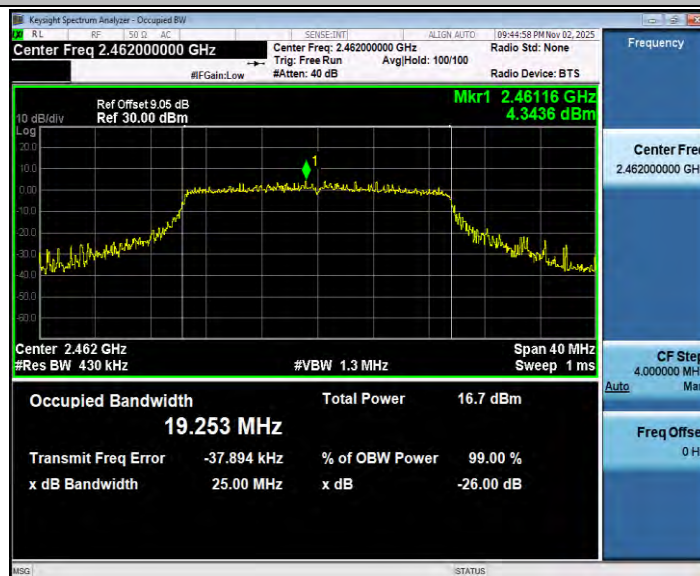
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



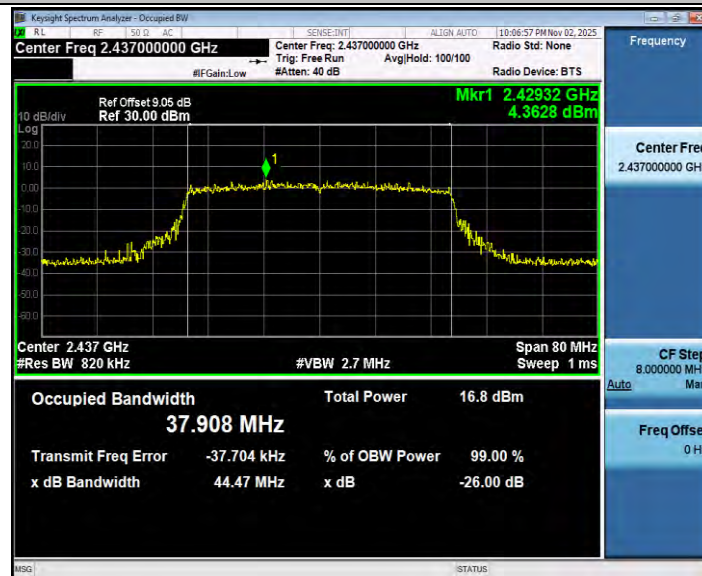
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result -CHP

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.20	≤30.00	PASS
		2437	15.12	≤30.00	PASS
		2462	15.96	≤30.00	PASS
11G	Ant1	2412	18.51	≤30.00	PASS
		2437	19.54	≤30.00	PASS
		2462	19.79	≤30.00	PASS
11N20SISO	Ant1	2412	15.26	≤30.00	PASS
		2437	16.46	≤30.00	PASS
		2462	16.89	≤30.00	PASS
11N40SISO	Ant1	2422	15.22	≤30.00	PASS
		2437	16.34	≤30.00	PASS
		2452	16.15	≤30.00	PASS
11AX20SISO	Ant1	2412	15.81	≤30.00	PASS
		2437	16.99	≤30.00	PASS
		2462	17.33	≤30.00	PASS
11AX40SISO	Ant1	2422	15.63	≤30.00	PASS
		2437	16.93	≤30.00	PASS
		2452	16.59	≤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	-10.06	≤8.00	PASS
		2437	-11.30	≤8.00	PASS
		2462	-8.20	≤8.00	PASS
11G	Ant1	2412	-13.56	≤8.00	PASS
		2437	-12.16	≤8.00	PASS
		2462	-12.09	≤8.00	PASS
11N20SISO	Ant1	2412	-16.89	≤8.00	PASS
		2437	-15.45	≤8.00	PASS
		2462	-15.37	≤8.00	PASS
11N40SISO	Ant1	2422	-20.35	≤8.00	PASS
		2437	-18.68	≤8.00	PASS
		2452	-19.08	≤8.00	PASS
11AX20SISO	Ant1	2412	-18.04	≤8.00	PASS
		2437	-16.93	≤8.00	PASS
		2462	-16.07	≤8.00	PASS
11AX40SISO	Ant1	2422	-20.57	≤8.00	PASS
		2437	-19.78	≤8.00	PASS
		2452	-19.89	≤8.00	PASS

Test Graphs

11B_Ant1_2412



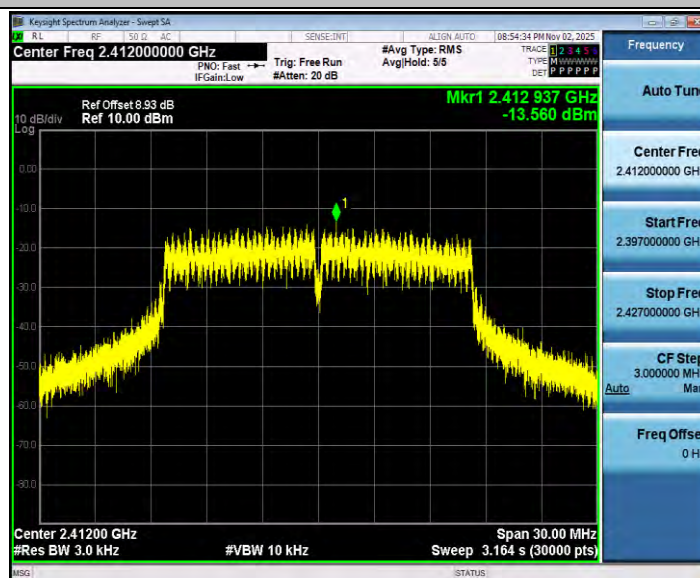
11B_Ant1_2437



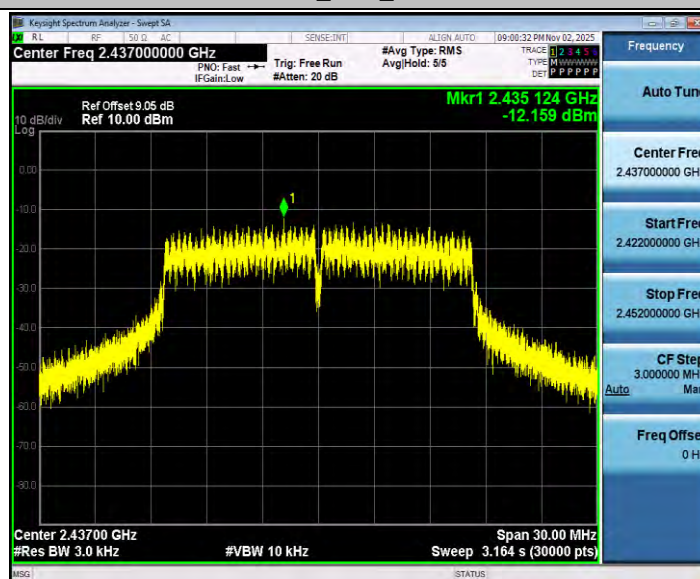
11B_Ant1_2462



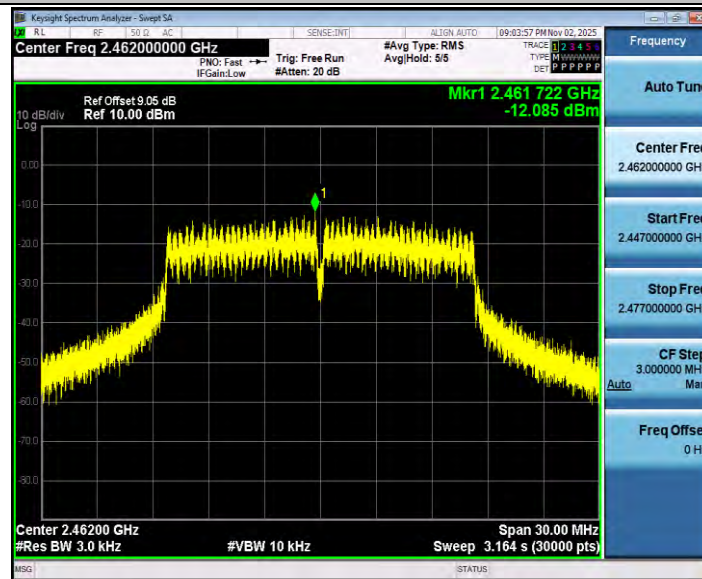
11G_Ant1_2412



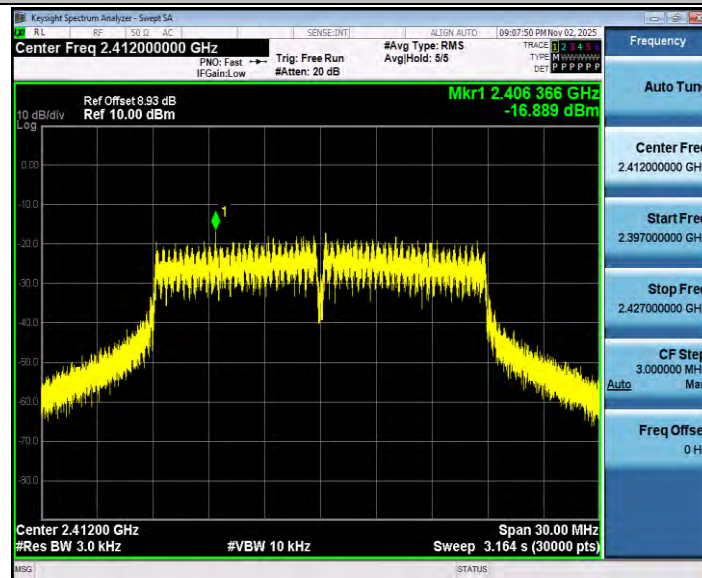
11G_Ant1_2437



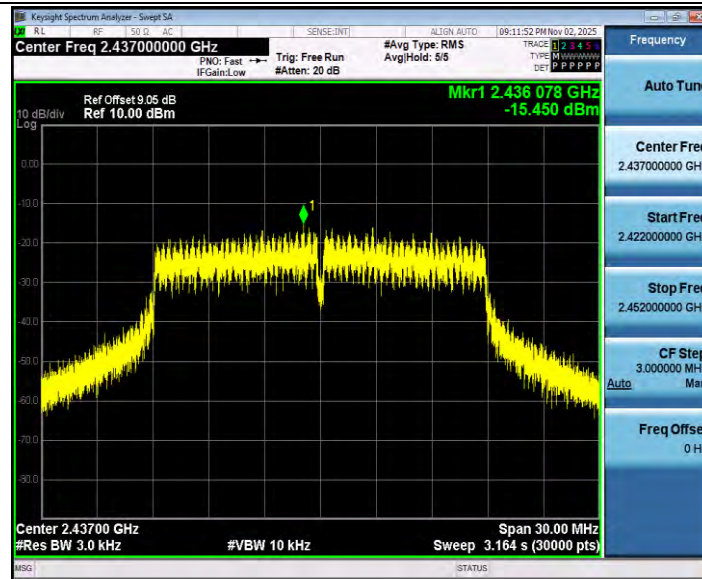
11G_Ant1_2462



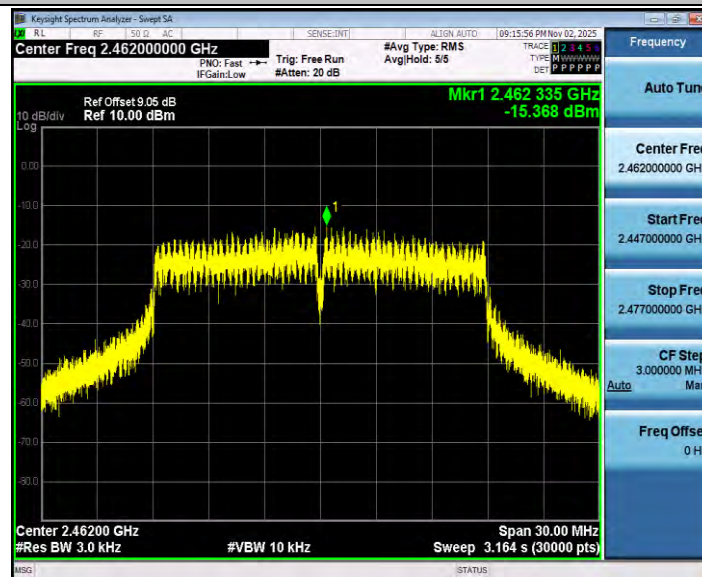
11N20SISO_Ant1_2412



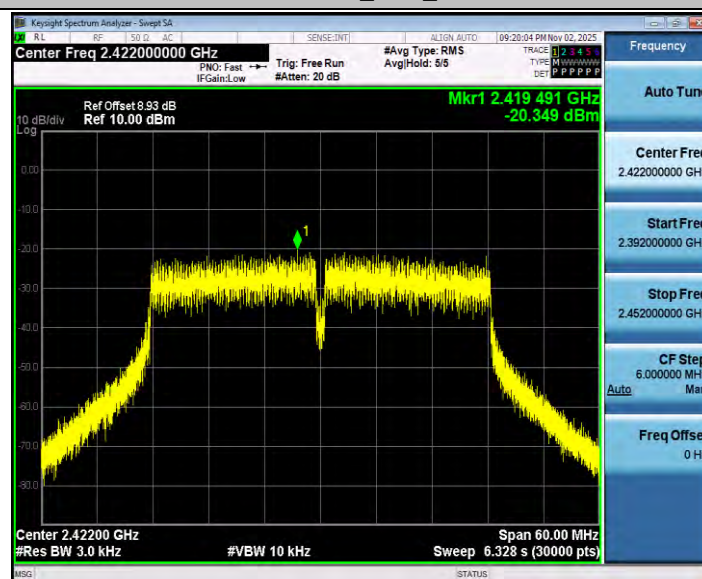
11N20SISO_Ant1_2437



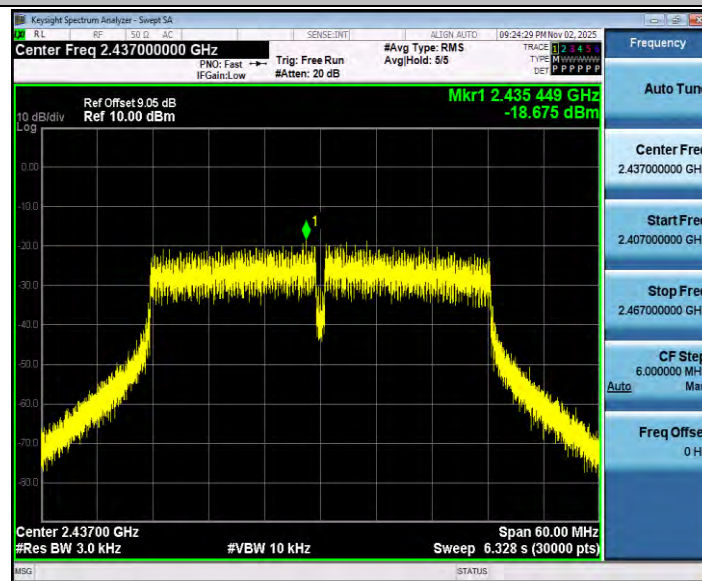
11N20SISO_Ant1_2462



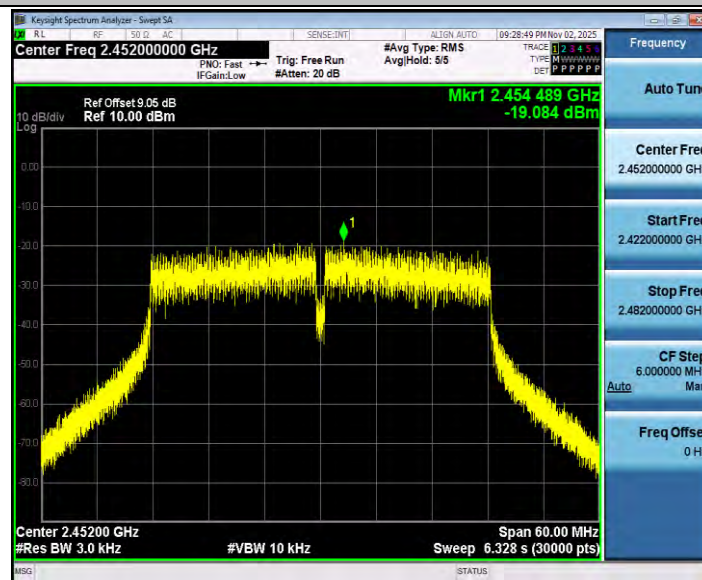
11N40SISO_Ant1_2422



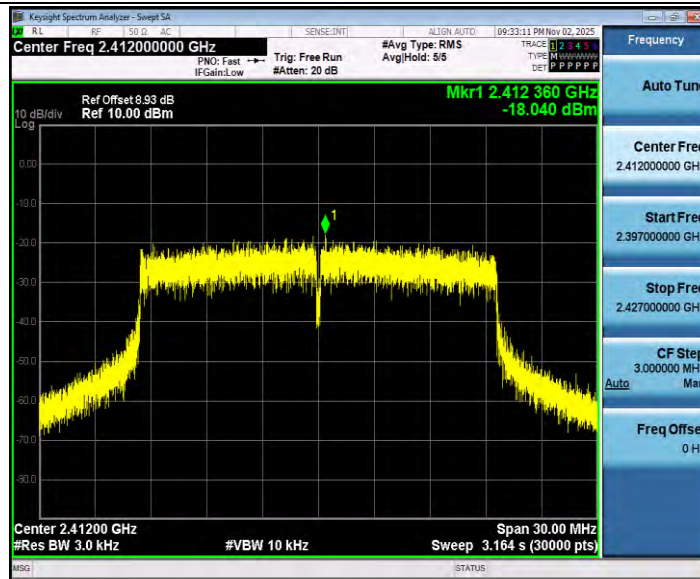
11N40SISO_Ant1_2437



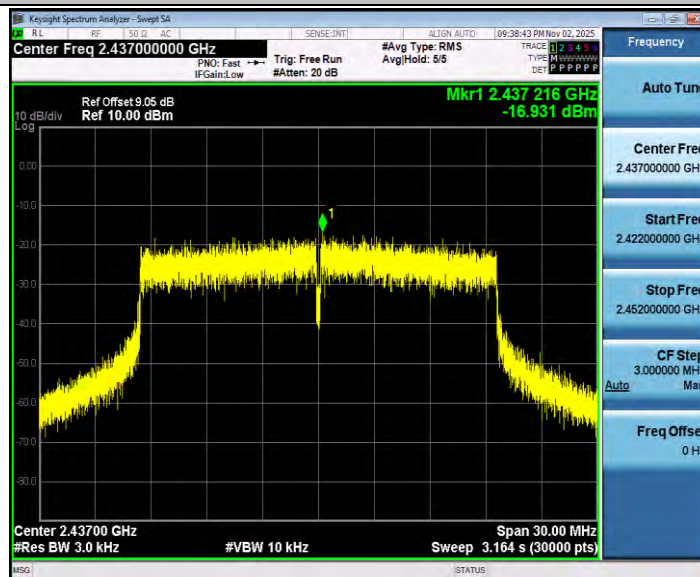
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



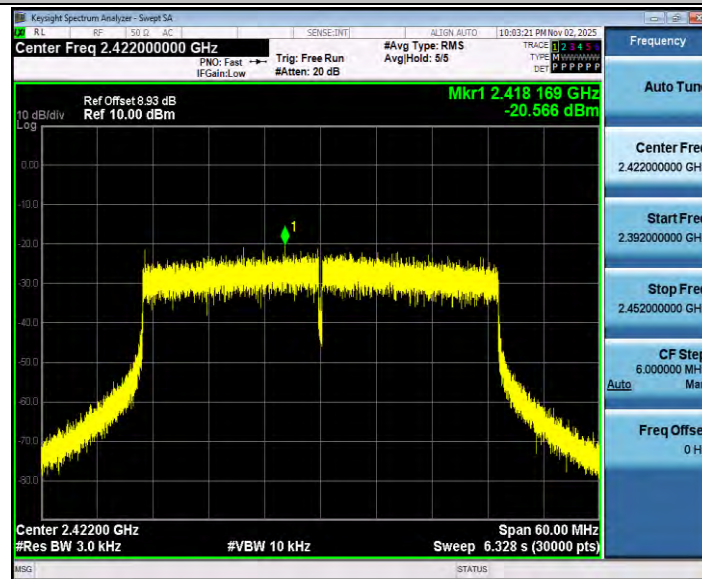
11AX20SISO_Ant1_2437



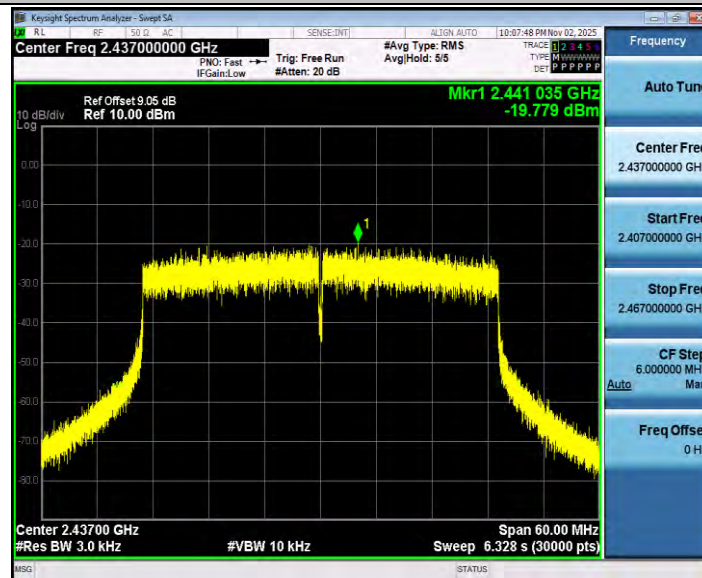
11AX20SISO_Ant1_2462



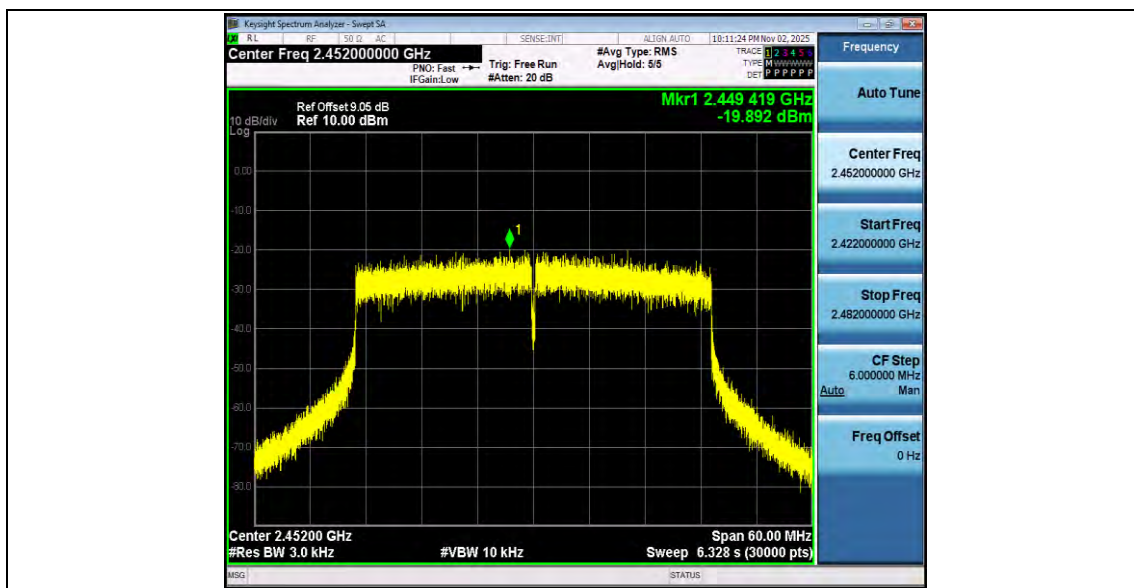
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

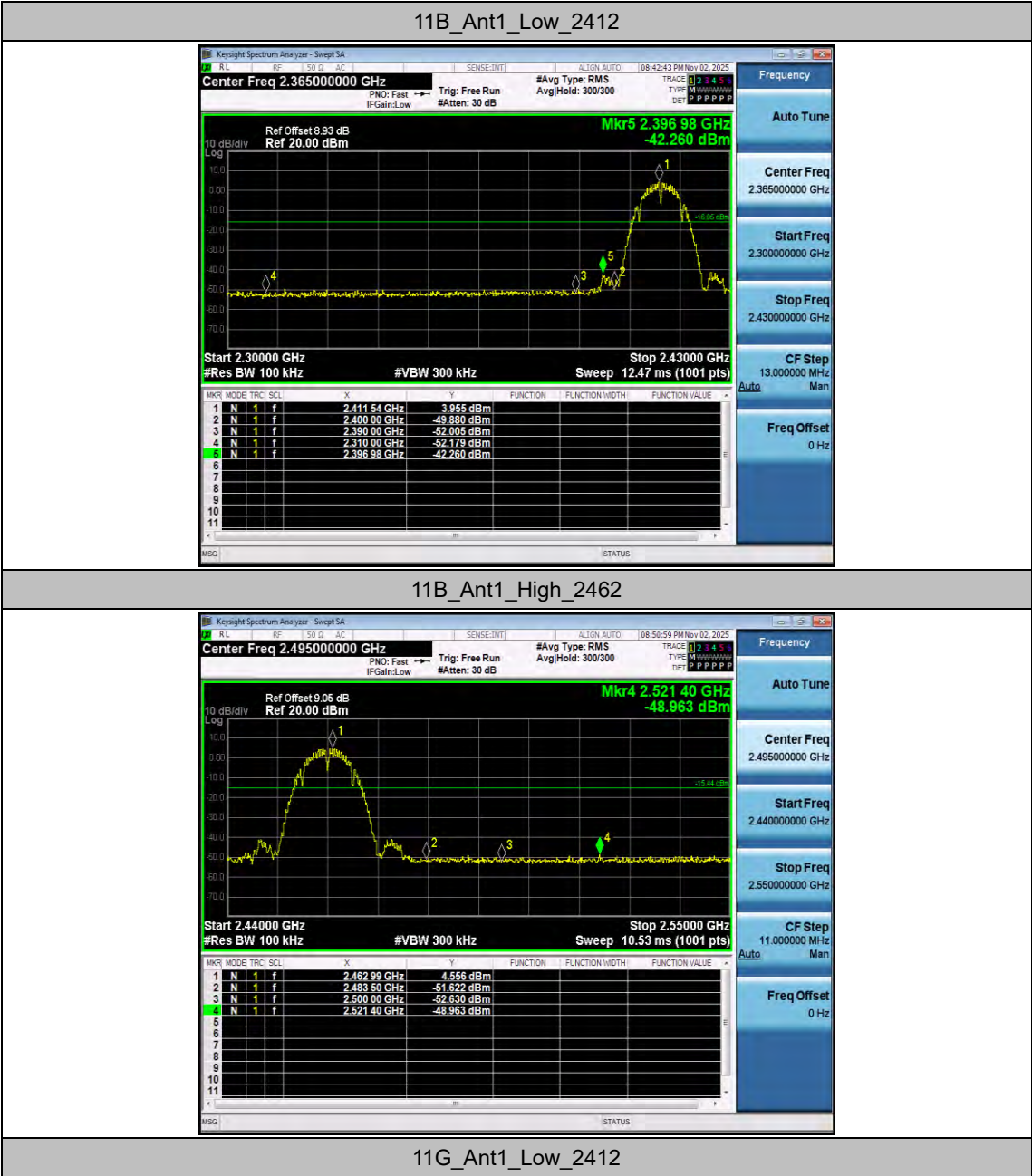


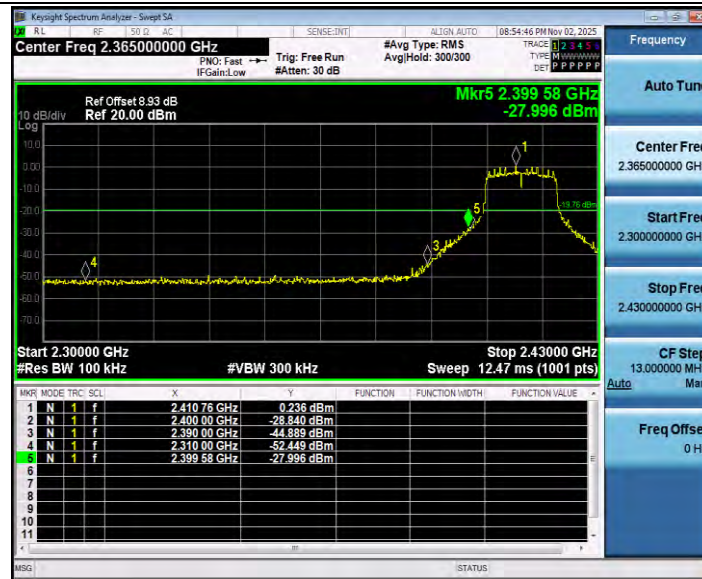
Appendix C.5:Band edge measurements

Test Result

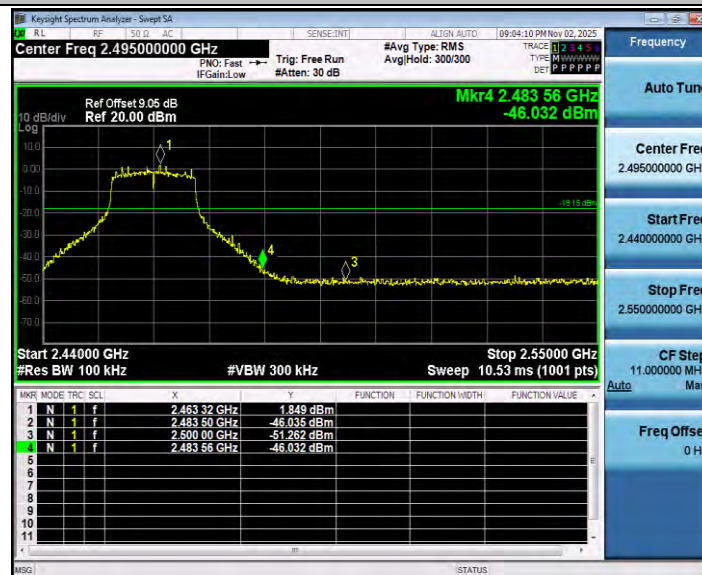
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.96	-42.26	≤ -16.05	PASS
		High	2462	4.56	-48.96	≤ -15.44	PASS
11G	Ant1	Low	2412	0.24	-28	≤ -19.76	PASS
		High	2462	1.85	-46.03	≤ -18.15	PASS
11N20SISO	Ant1	Low	2412	-3.27	-31.21	≤ -23.27	PASS
		High	2462	-1.60	-47.88	≤ -21.6	PASS
11N40SISO	Ant1	Low	2422	-5.57	-36.82	≤ -25.57	PASS
		High	2452	-4.37	-48.64	≤ -24.37	PASS
11AX20SISO	Ant1	Low	2412	-2.58	-32.42	≤ -22.58	PASS
		High	2462	-1.53	-46.74	≤ -21.53	PASS
11AX40SISO	Ant1	Low	2422	-5.65	-35.5	≤ -25.65	PASS
		High	2452	-4.55	-48.63	≤ -24.55	PASS

Test Graphs

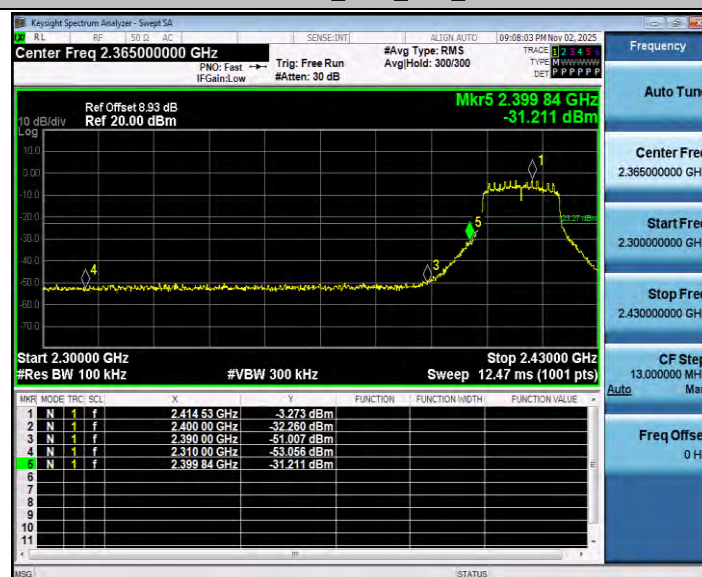




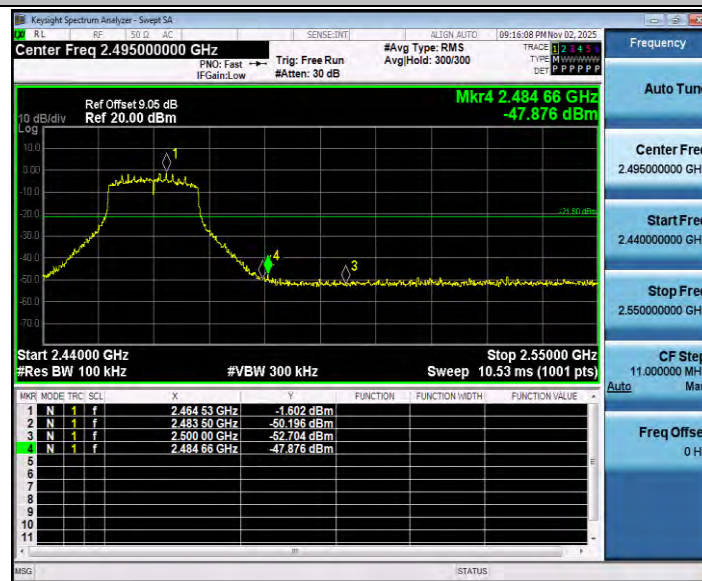
11G_Ant1_High_2462



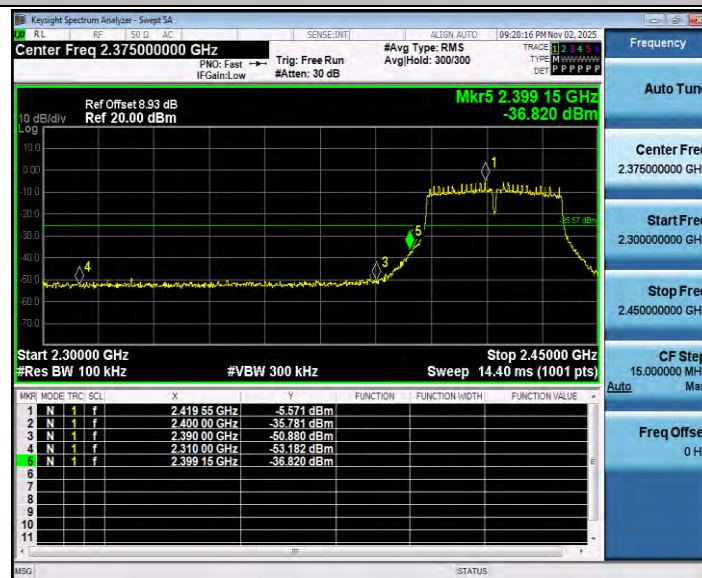
11N20SISO_Ant1_Low_2412



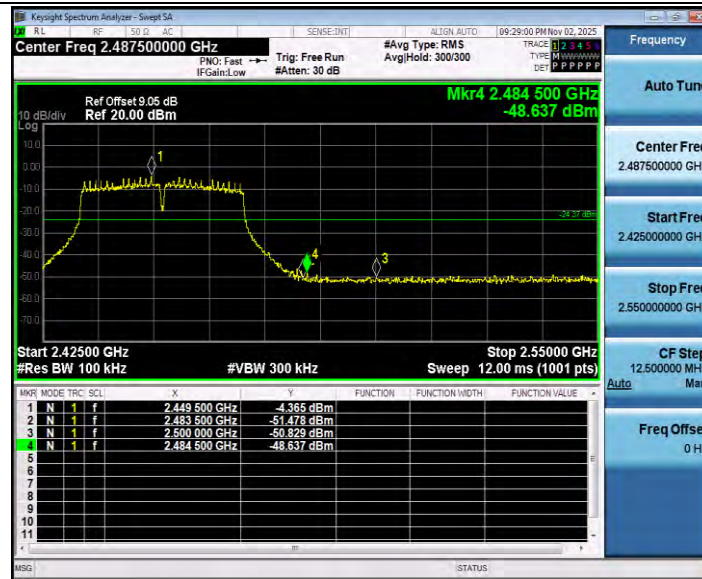
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

