

Case No. : <u>GTS20251226016-1-13</u>
Ambient Condition: <u>25℃,60%RH,</u>
Test Date: <u>2026.4.23-2026.6.11</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	8.240	2407.880	2416.120	0.5	PASS
		2437	8.240	2432.840	2441.080	0.5	PASS
		2462	8.200	2457.880	2466.080	0.5	PASS
11G	Ant1	2412	16.600	2403.720	2420.320	0.5	PASS
		2437	16.760	2428.520	2445.280	0.5	PASS
		2462	16.640	2453.720	2470.360	0.5	PASS
11N20SISO	Ant1	2412	17.840	2403.080	2420.920	0.5	PASS
		2437	17.960	2428.000	2445.960	0.5	PASS
		2462	17.840	2453.080	2470.920	0.5	PASS
11N40SISO	Ant1	2422	36.640	2403.680	2440.320	0.5	PASS
		2437	36.640	2418.600	2455.240	0.5	PASS
		2452	36.960	2433.600	2470.560	0.5	PASS
11AX20SISO	Ant1	2412	19.000	2402.480	2421.480	0.5	PASS
		2437	19.040	2427.480	2446.520	0.5	PASS
		2462	18.920	2452.560	2471.480	0.5	PASS
11AX40SISO	Ant1	2422	37.920	2403.040	2440.960	0.5	PASS
		2437	38.080	2417.880	2455.960	0.5	PASS
		2452	38.000	2432.960	2470.960	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



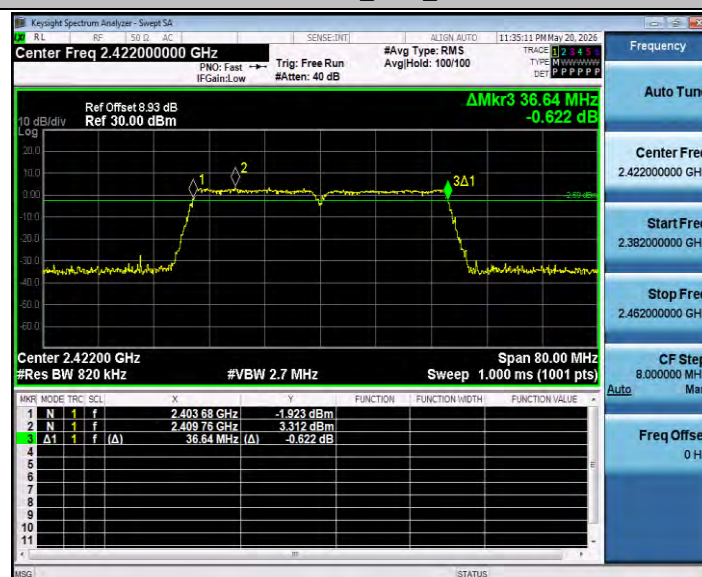
11N20SISO_Ant1_2437



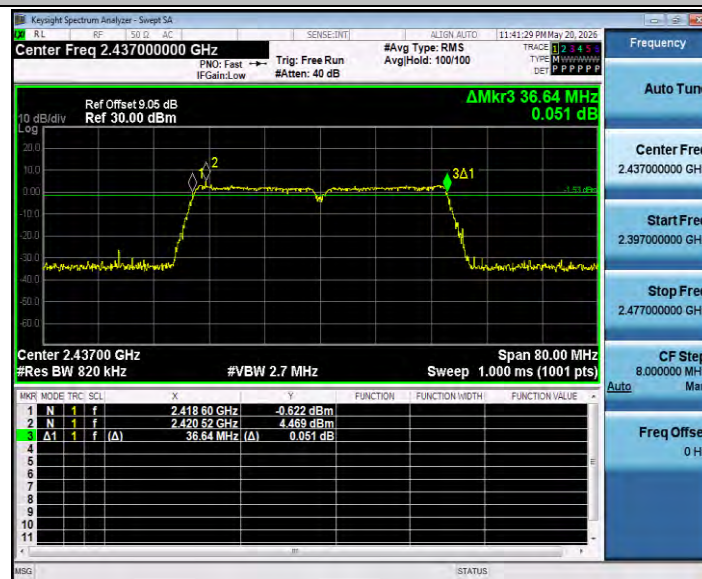
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



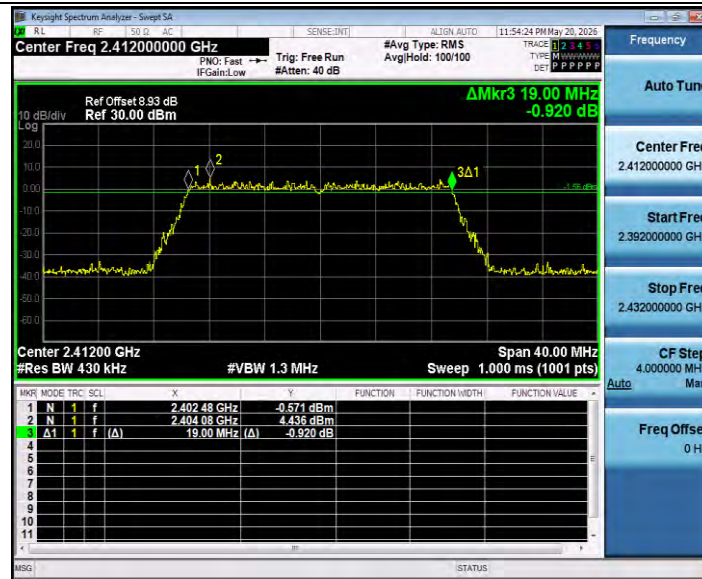
11N40SISO_Ant1_2437



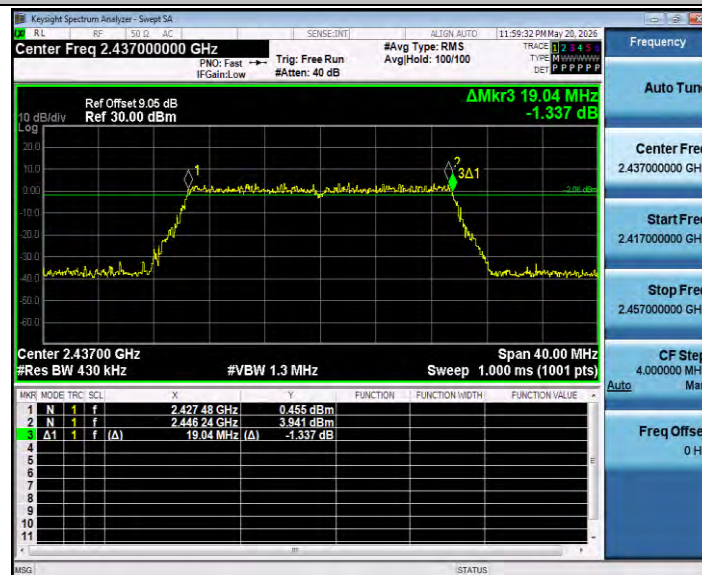
11N40SISO_Ant1_2452



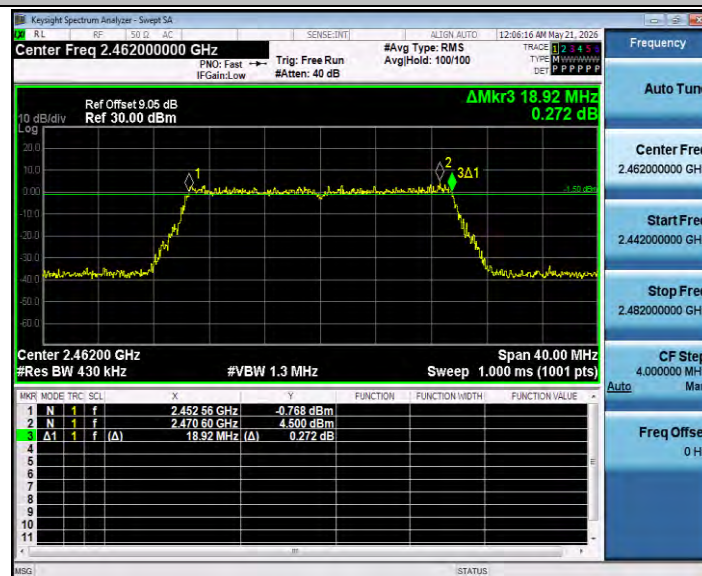
11AX20SISO_Ant1_2412



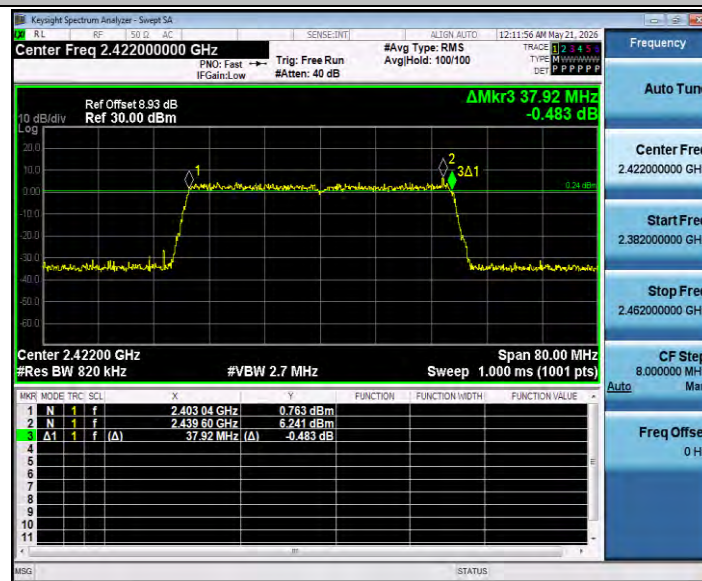
11AX20SISO_Ant1_2437



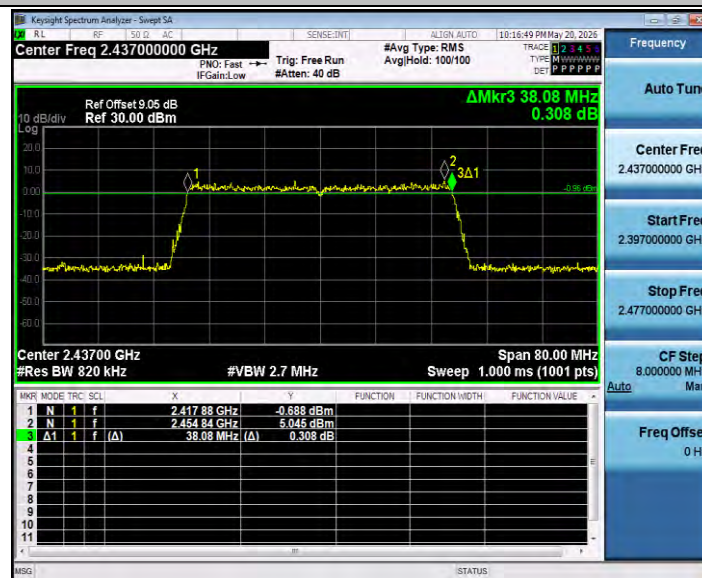
11AX20SISO_Ant1_2462



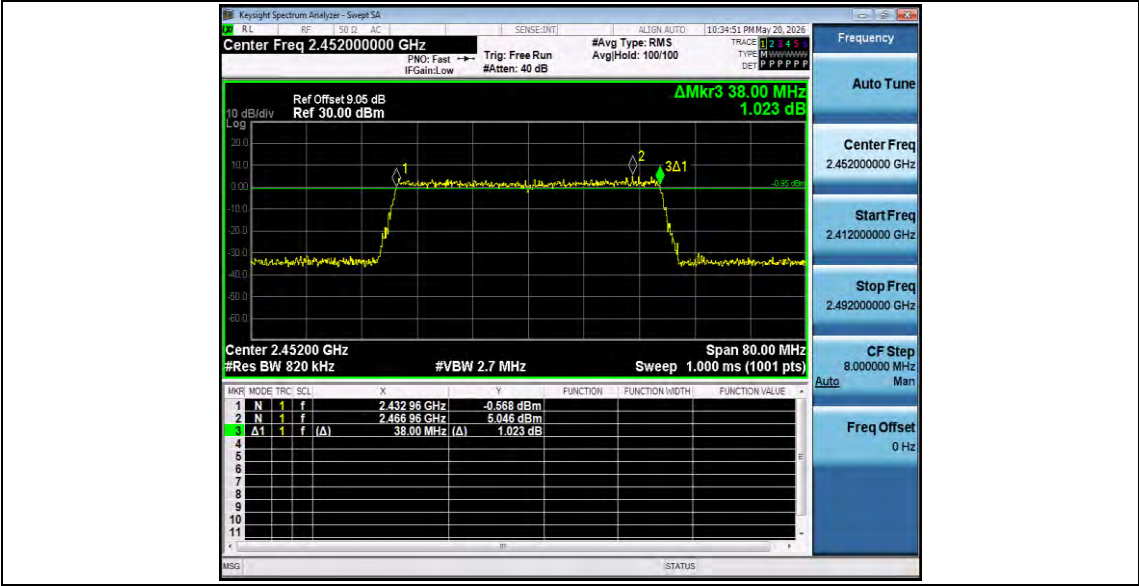
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



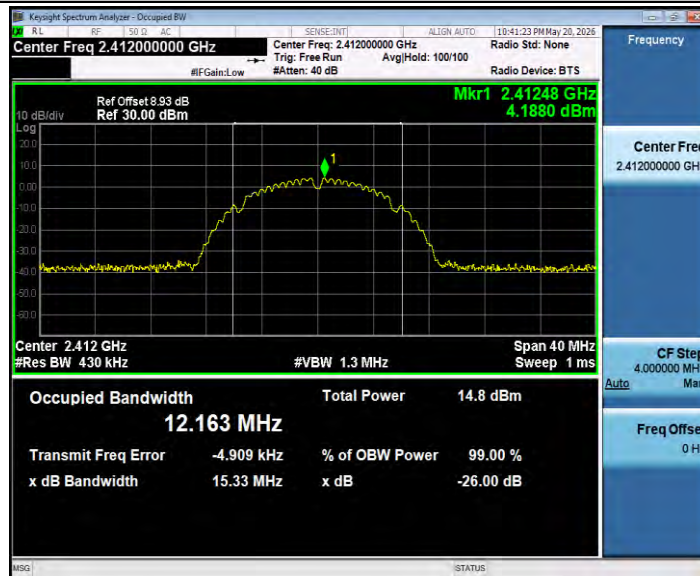
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.163	2405.9136	2418.0766	---	---
		2437	12.193	2430.8479	2443.0409	---	---
		2462	12.135	2455.8936	2468.0286	---	---
11G	Ant1	2412	17.257	2403.3337	2420.5907	---	---
		2437	17.326	2428.3323	2445.6583	---	---
		2462	17.266	2453.3728	2470.6388	---	---
11N20SISO	Ant1	2412	18.244	2402.8525	2421.0965	---	---
		2437	18.309	2427.8379	2446.1469	---	---
		2462	18.247	2452.8799	2471.1269	---	---
11N40SISO	Ant1	2422	36.679	2403.6509	2440.3299	---	---
		2437	36.758	2418.6433	2455.4013	---	---
		2452	36.759	2433.6457	2470.4047	---	---
11AX20SISO	Ant1	2412	19.265	2402.3324	2421.5974	---	---
		2437	19.271	2427.3415	2446.6125	---	---
		2462	19.309	2452.3352	2471.6442	---	---
11AX40SISO	Ant1	2422	38.022	2402.9635	2440.9855	---	---
		2437	38.158	2417.9503	2456.1083	---	---
		2452	38.136	2432.9602	2471.0962	---	---

Test Graphs

11B_Ant1_2412



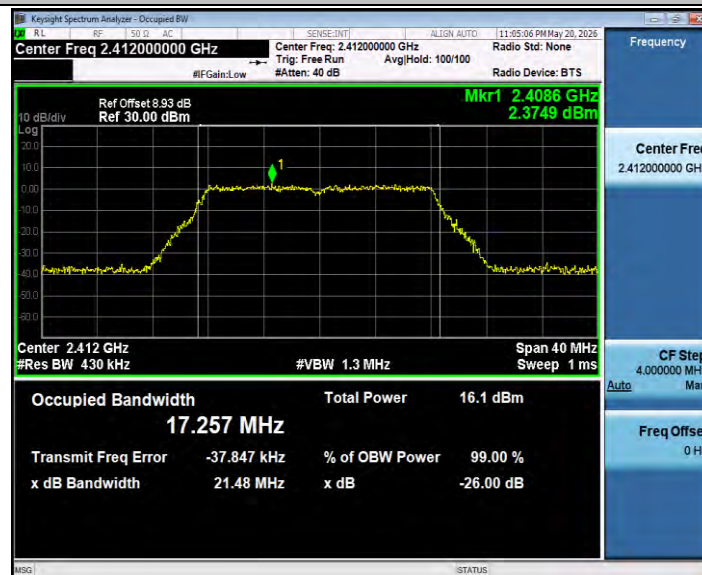
11B_Ant1_2437



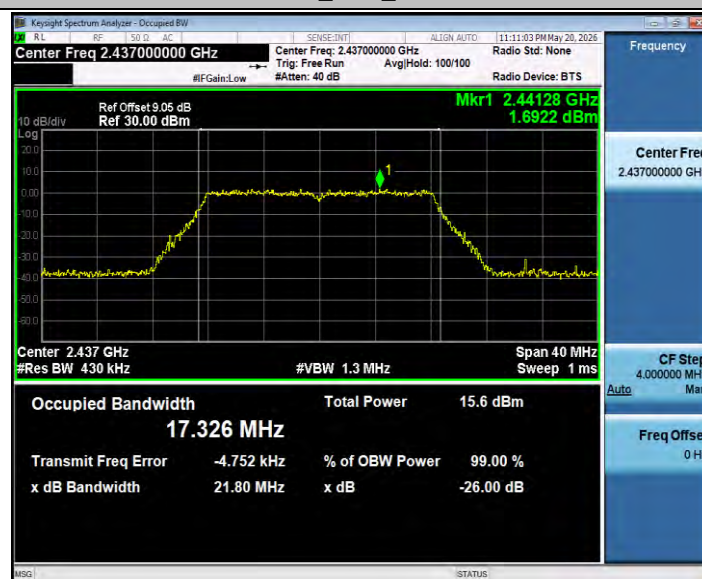
11B_Ant1_2462



11G_Ant1_2412



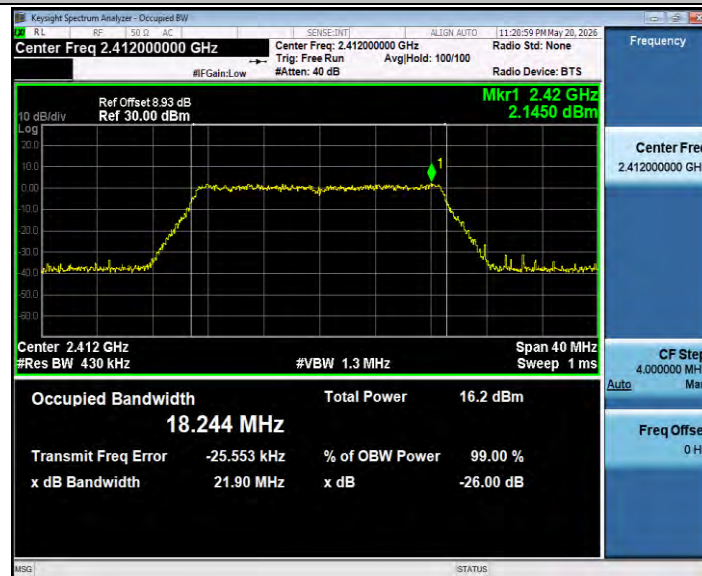
11G_Ant1_2437



11G_Ant1_2462



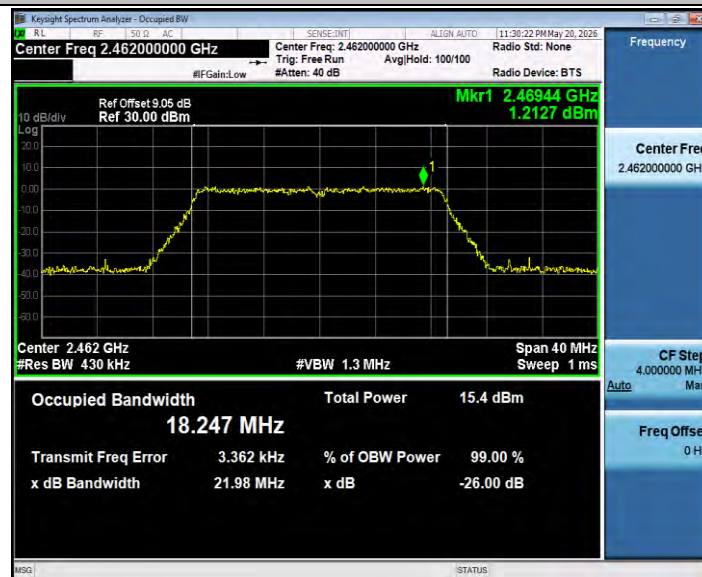
11N20SISO_Ant1_2412



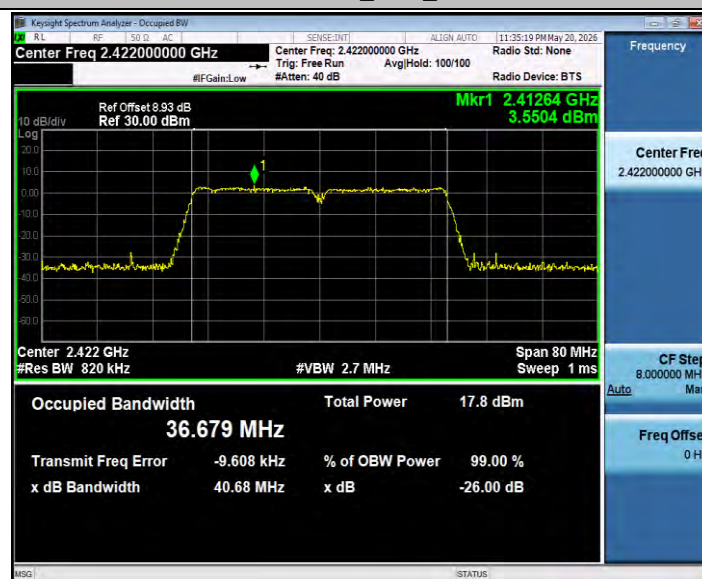
11N20SISO_Ant1_2437



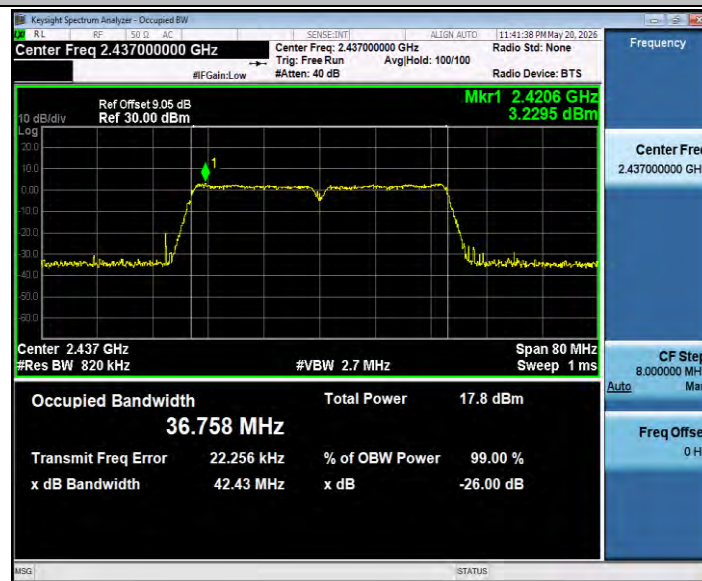
11N20SISO_Ant1_2462



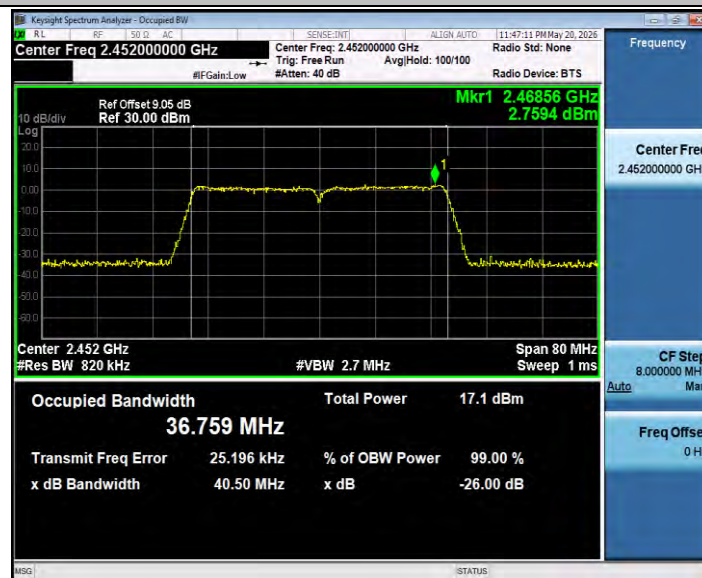
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



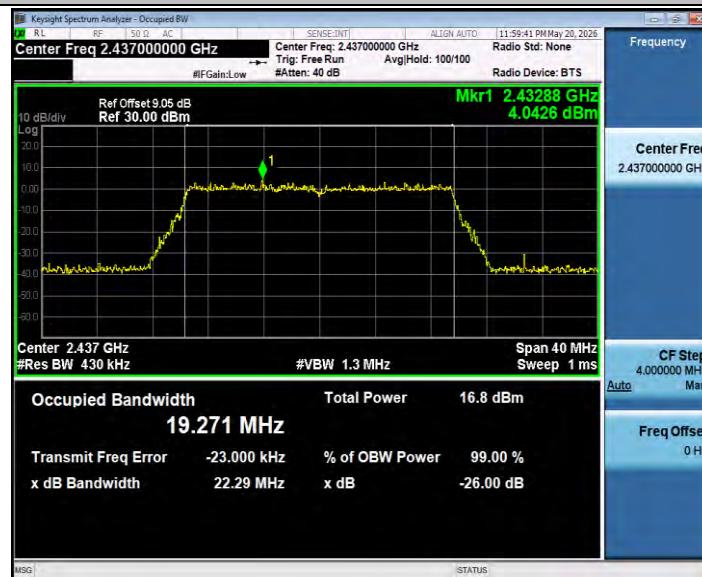
11N40SISO_Ant1_2452



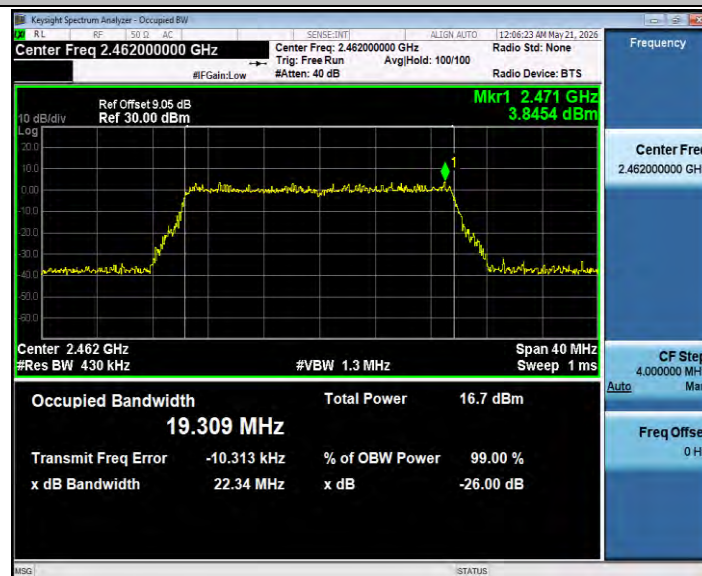
11AX20SISO_Ant1_2412



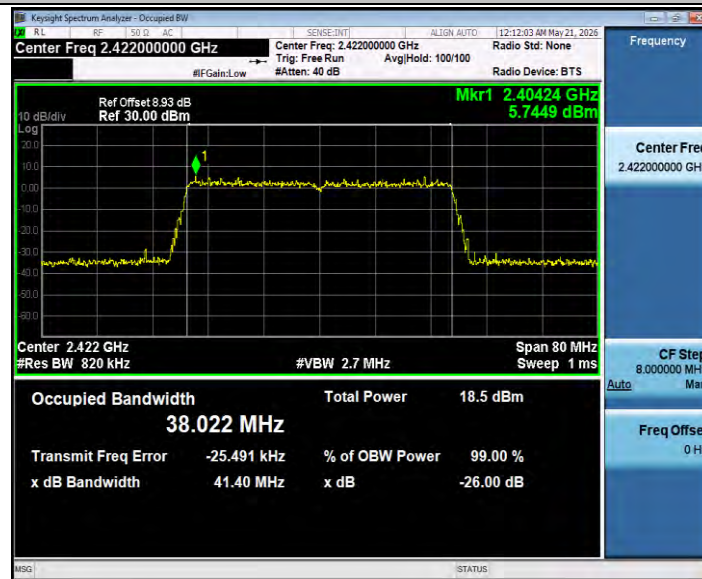
11AX20SISO_Ant1_2437



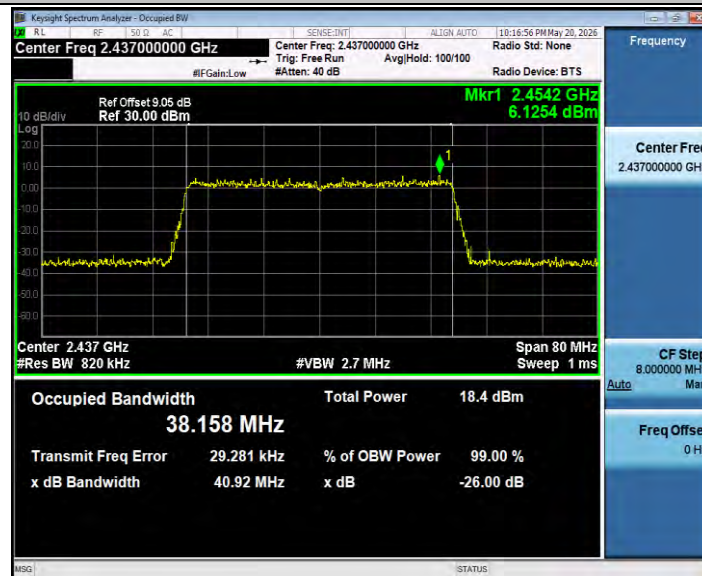
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.79	≤29.32	PASS
		2437	14.22	≤29.32	PASS
		2462	13.94	≤29.32	PASS
11G	Ant1	2412	17.30	≤29.32	PASS
		2437	16.85	≤29.32	PASS
		2462	16.53	≤29.32	PASS
11N20SISO	Ant1	2412	17.44	≤29.32	PASS
		2437	16.89	≤29.32	PASS
		2462	16.59	≤29.32	PASS
11N40SISO	Ant1	2422	18.09	≤29.32	PASS
		2437	18.13	≤29.32	PASS
		2452	17.37	≤29.32	PASS
11AX20SISO	Ant1	2412	18.09	≤29.32	PASS
		2437	17.57	≤29.32	PASS
		2462	17.35	≤29.32	PASS
11AX40SISO	Ant1	2422	18.65	≤29.32	PASS
		2437	18.53	≤29.32	PASS
		2452	17.99	≤29.32	PASS

Limit (dBm)= Limit (dBm)-(Gain-6dBi)

Appendix C.4: Maximum power spectral density

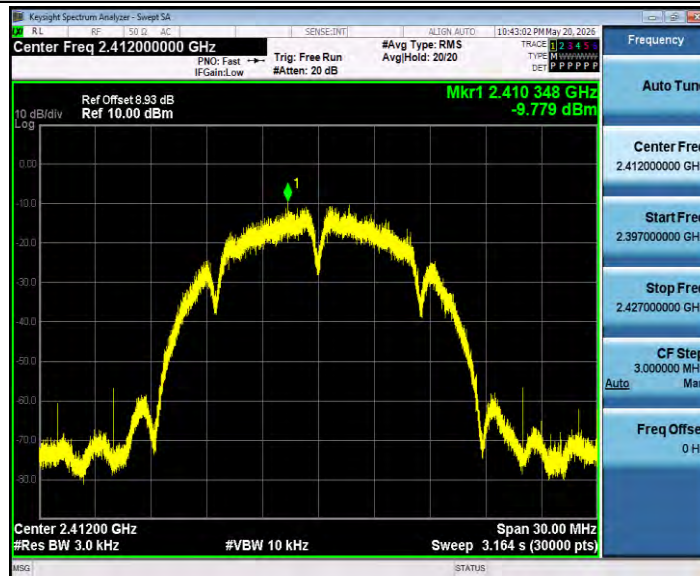
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.78	≤7.32	PASS
		2437	3.11	≤7.32	PASS
		2462	-10.52	≤7.32	PASS
11G	Ant1	2412	-14.47	≤7.32	PASS
		2437	-15.11	≤7.32	PASS
		2462	-14.37	≤7.32	PASS
11N20SISO	Ant1	2412	-13.03	≤7.32	PASS
		2437	-14.70	≤7.32	PASS
		2462	-16.12	≤7.32	PASS
11N40SISO	Ant1	2422	-14.19	≤7.32	PASS
		2437	-15.96	≤7.32	PASS
		2452	-16.61	≤7.32	PASS
11AX20SISO	Ant1	2412	-15.55	≤7.32	PASS
		2437	-16.02	≤7.32	PASS
		2462	-16.86	≤7.32	PASS
11AX40SISO	Ant1	2422	-17.49	≤7.32	PASS
		2437	-17.89	≤7.32	PASS
		2452	-17.31	≤7.32	PASS

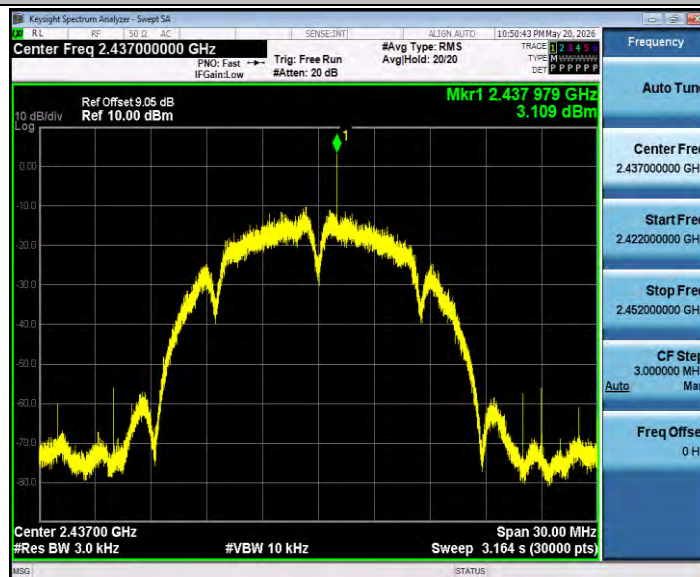
Limit (dBm/3kHz)= Limit (dBm/3kHz)-(Gain-6dBi)

Test Graphs

11B_Ant1_2412



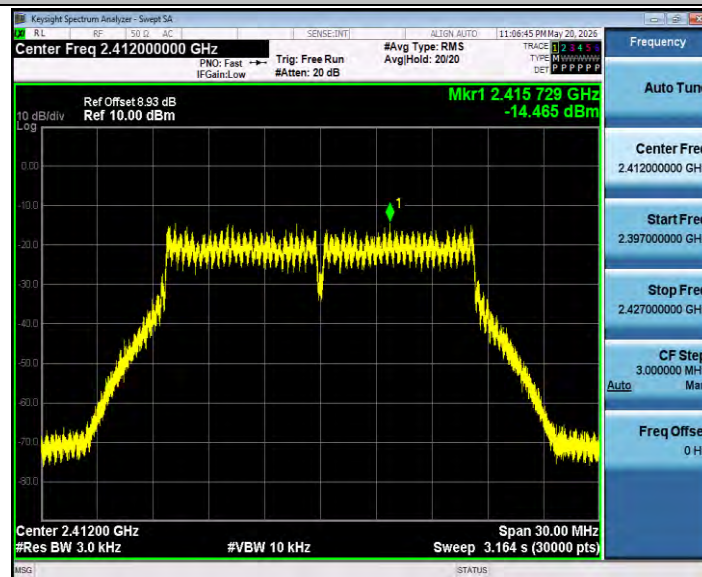
11B_Ant1_2437



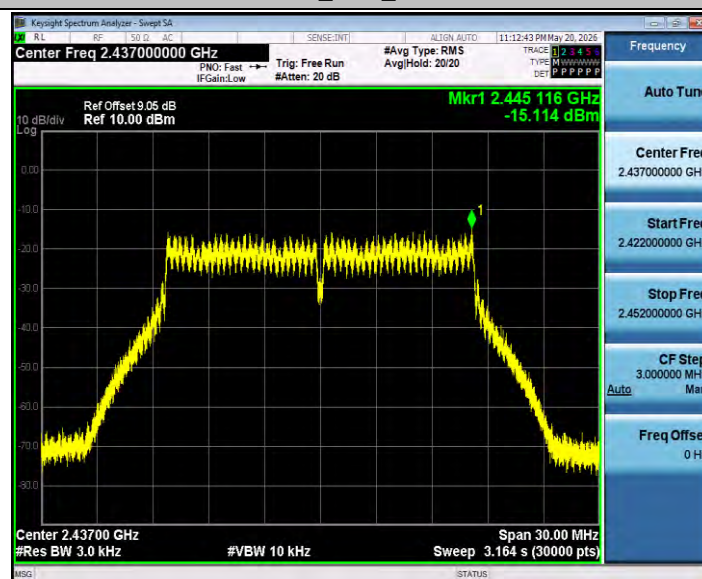
11B_Ant1_2462



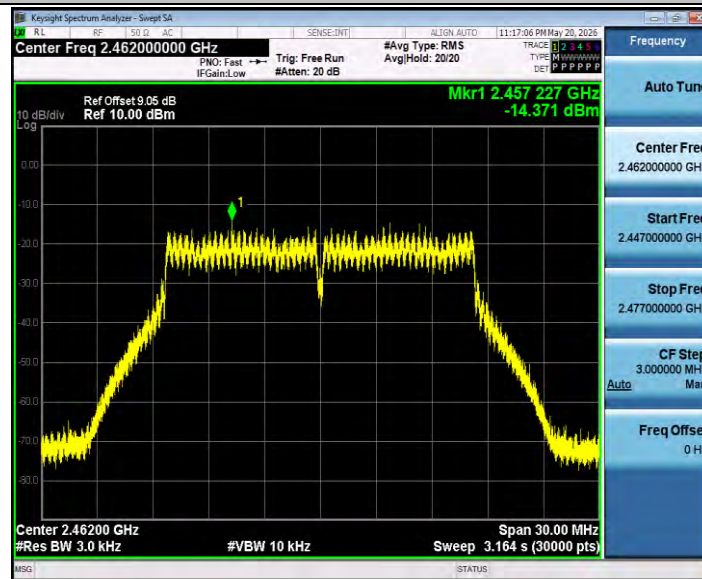
11G_Ant1_2412



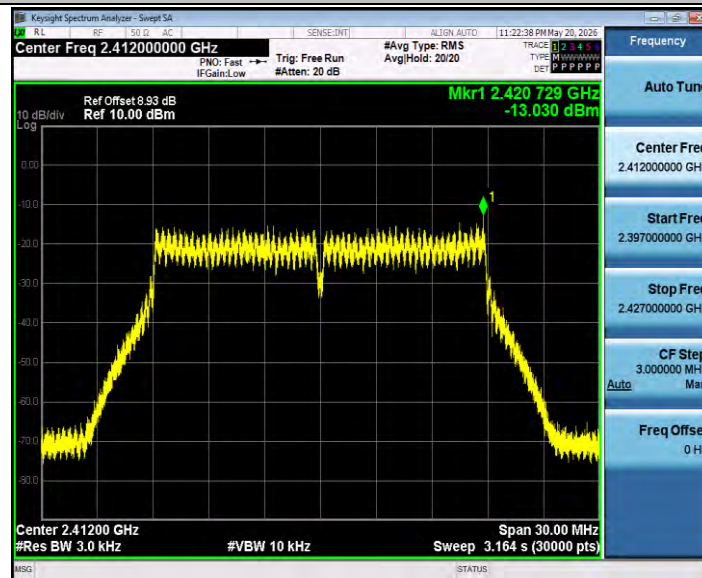
11G_Ant1_2437



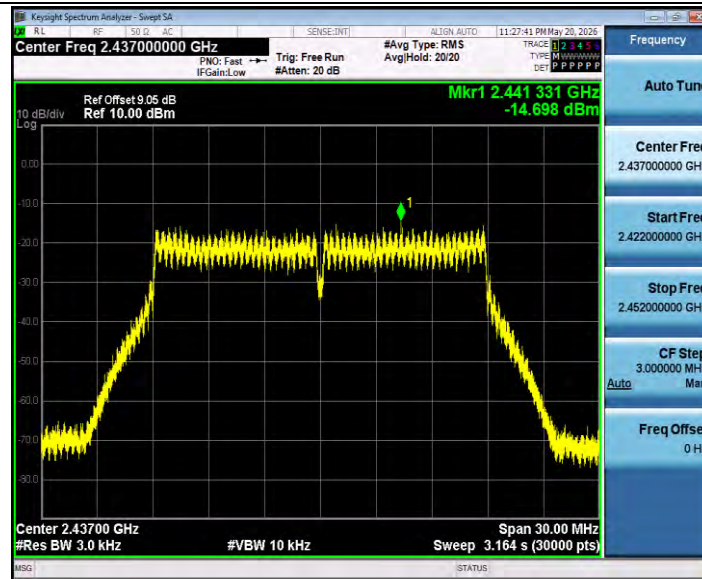
11G_Ant1_2462



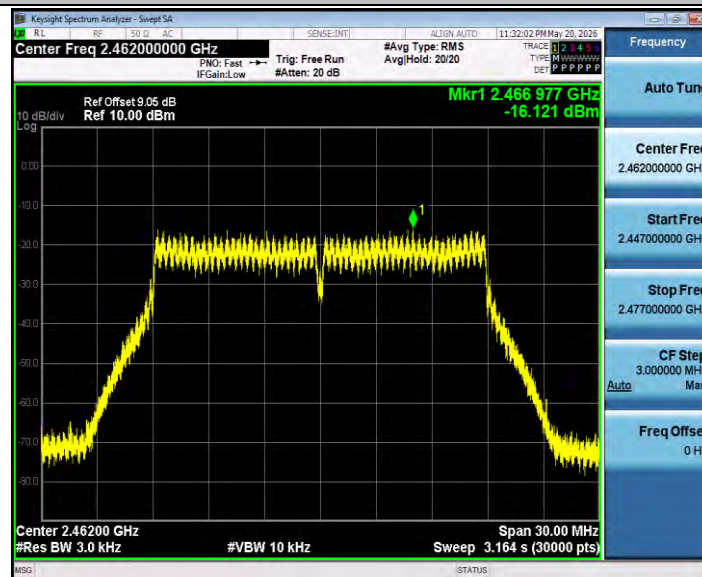
11N20SISO_Ant1_2412



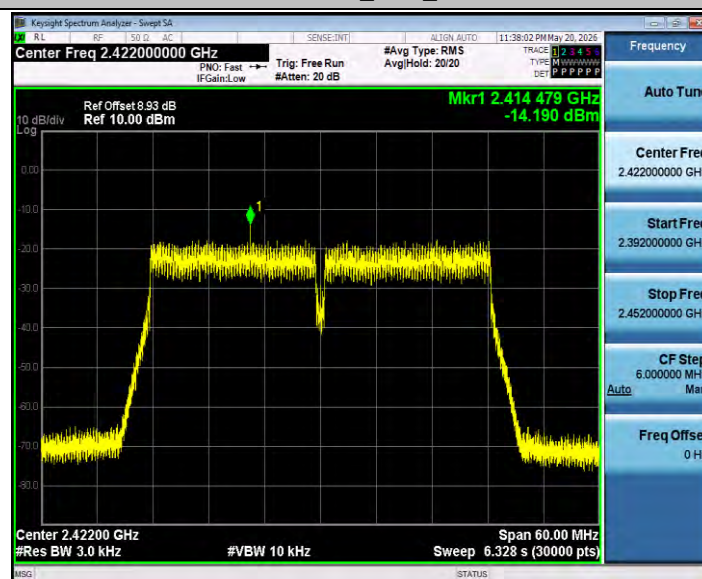
11N20SISO_Ant1_2437



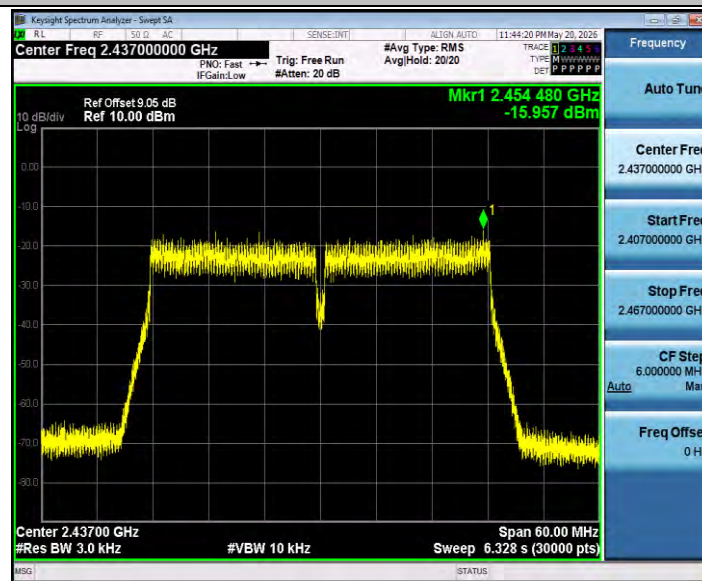
11N20SISO_Ant1_2462



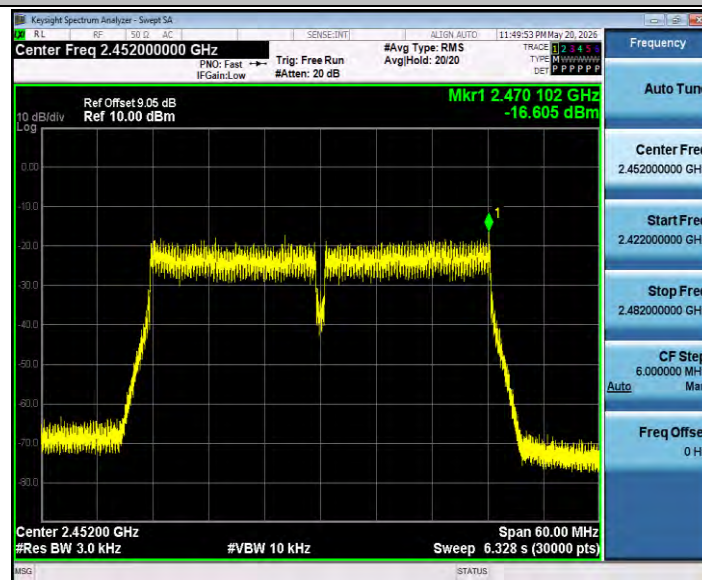
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



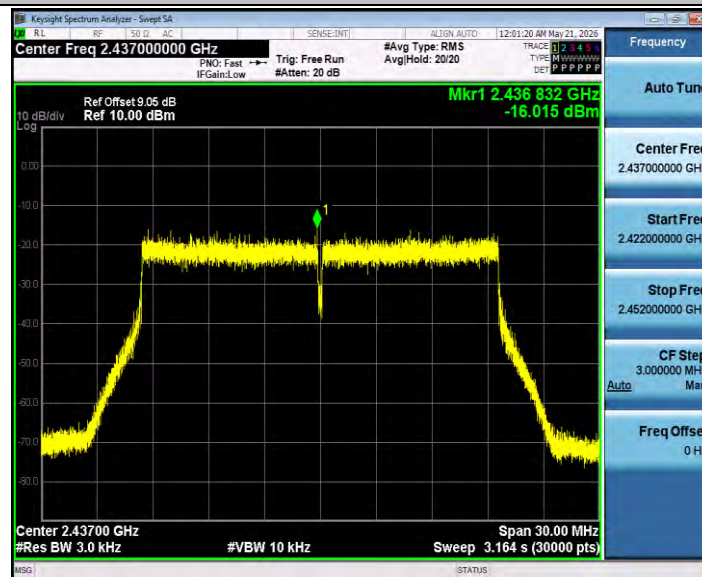
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



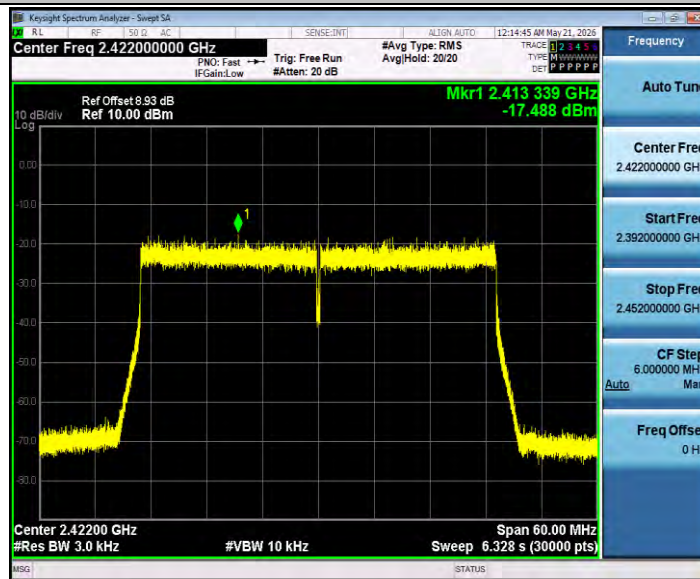
11AX20SISO_Ant1_2437



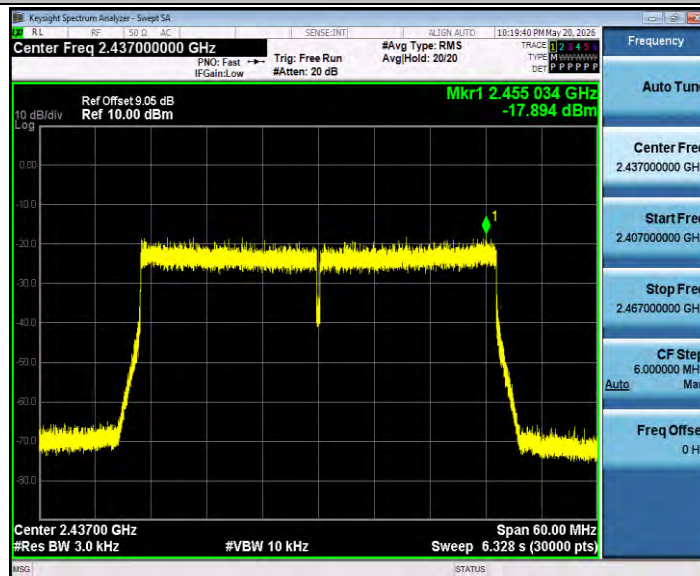
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



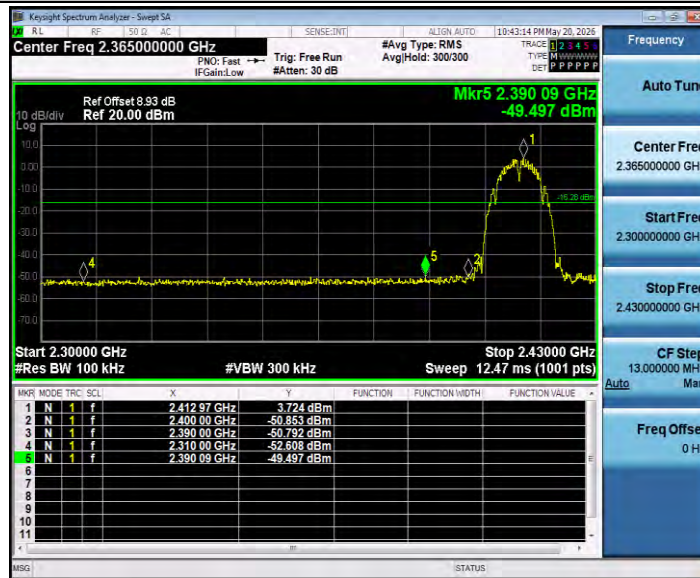
Appendix C.5:Band edge measurements

Test Result

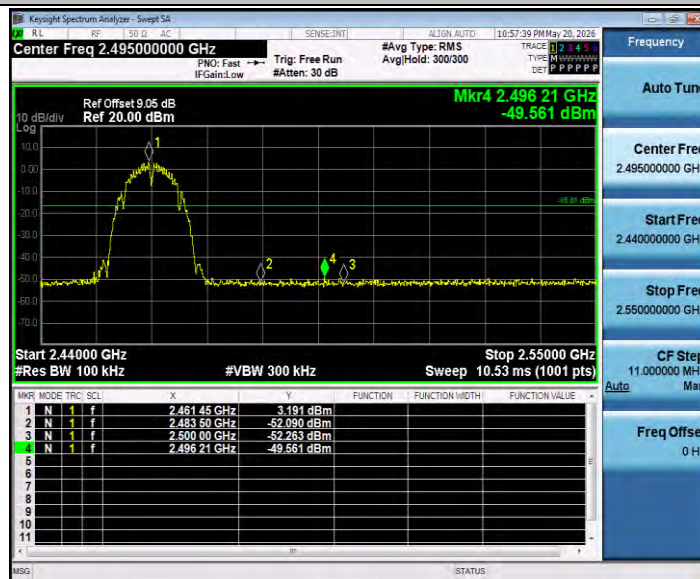
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.72	-49.5	≤-16.28	PASS
		High	2462	3.19	-49.56	≤-16.81	PASS
11G	Ant1	Low	2412	-1.77	-40.66	≤-21.77	PASS
		High	2462	-2.42	-48.18	≤-22.42	PASS
11N20SISO	Ant1	Low	2412	-1.59	-43.45	≤-21.59	PASS
		High	2462	-1.84	-48.46	≤-21.84	PASS
11N40SISO	Ant1	Low	2422	-2.62	-43.19	≤-22.62	PASS
		High	2452	-3.50	-48.73	≤-23.5	PASS
11AX20SISO	Ant1	Low	2412	-1.50	-38.73	≤-21.5	PASS
		High	2462	-2.36	-46.46	≤-22.36	PASS
11AX40SISO	Ant1	Low	2422	-3.54	-43.33	≤-23.54	PASS
		High	2452	-4.20	-49.37	≤-24.2	PASS

Test Graphs

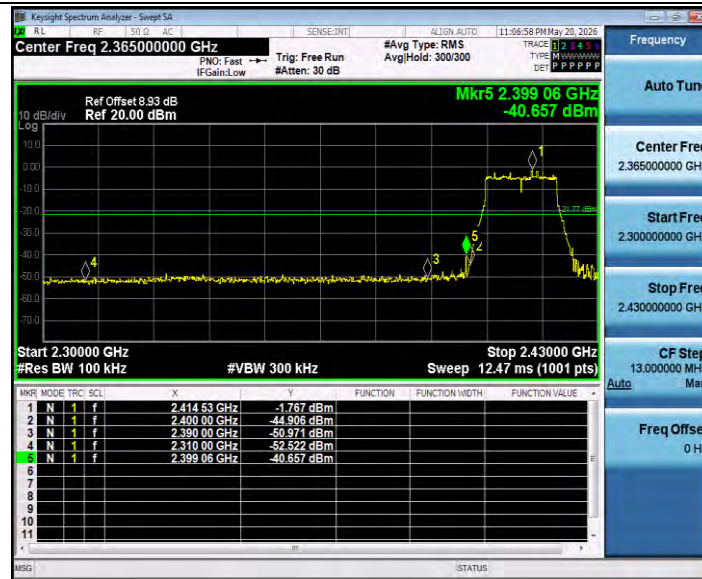
11B_Ant1_Low_2412



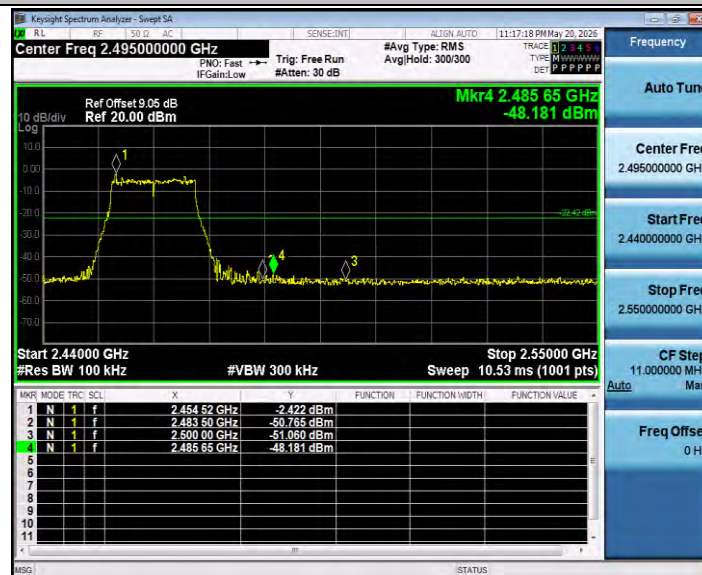
11B_Ant1_High_2462



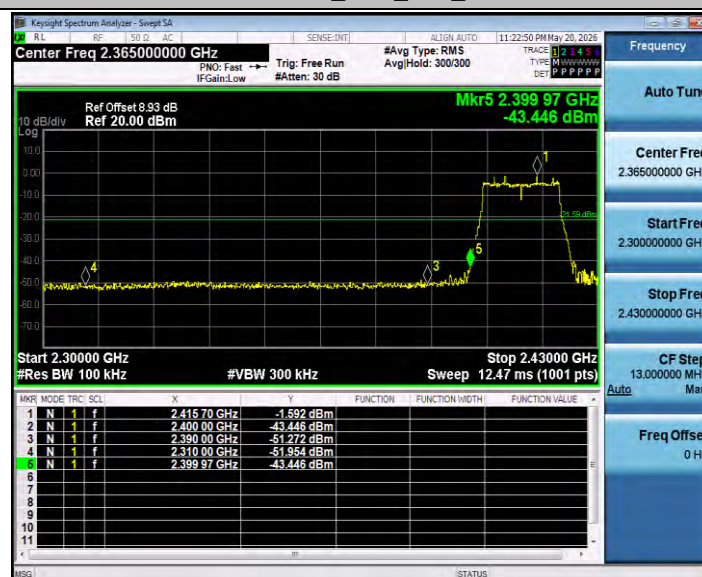
11G_Ant1_Low_2412



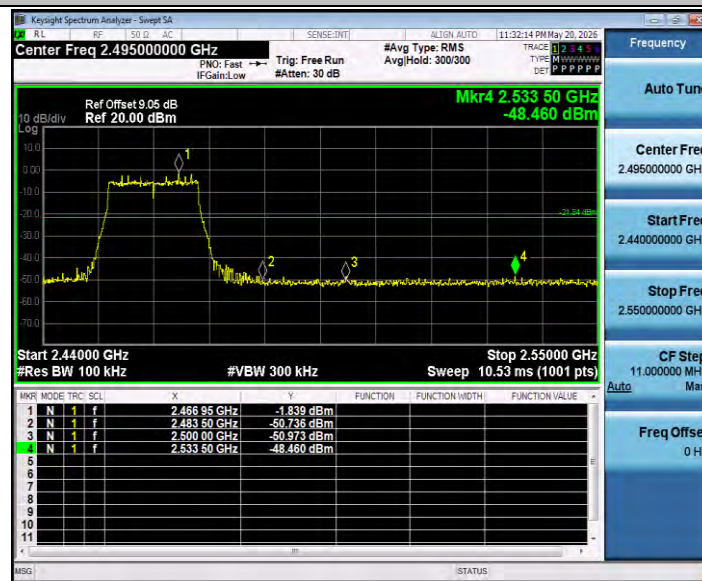
11G_Ant1_High_2462



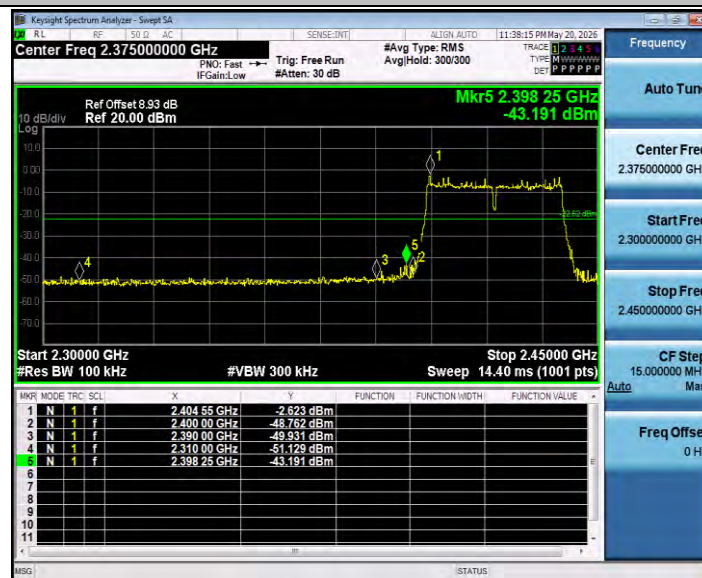
11N20SISO_Ant1_Low_2412



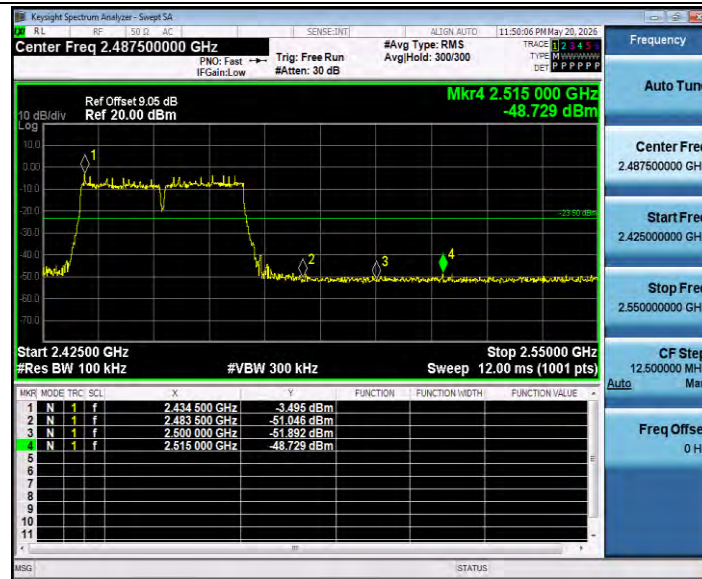
11N20SISO_Ant1_High_2462



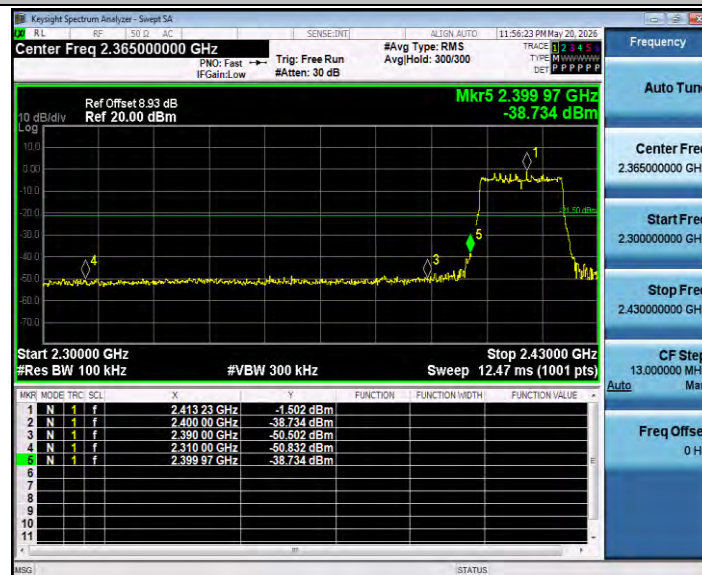
11N40SISO_Ant1_Low_2422



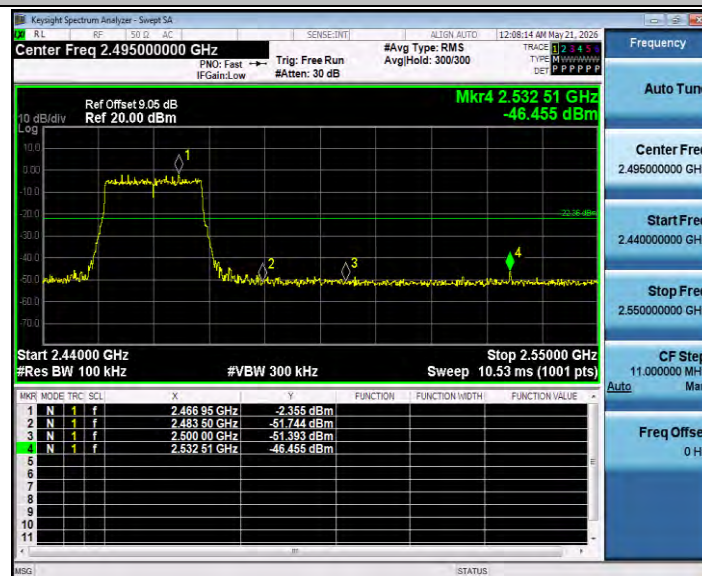
11N40SISO_Ant1_High_2452



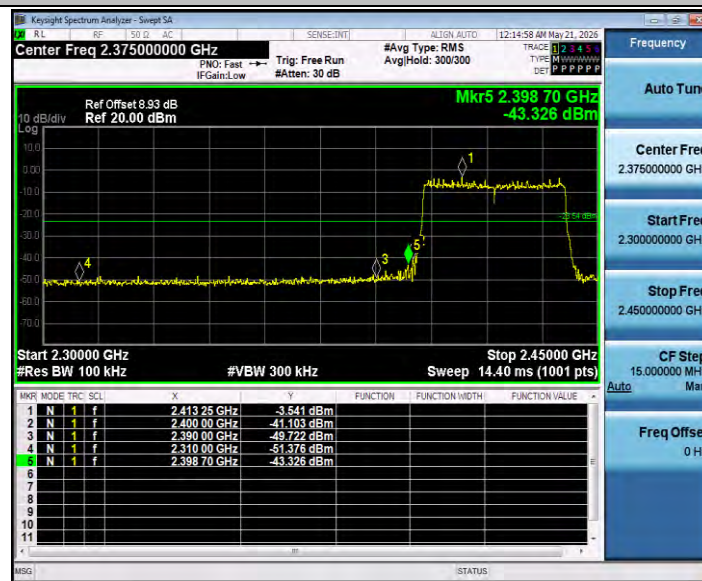
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

