

FCC Appendix RF Test Data for 2.4GWIFI

FCC ID : 2BU85-T30

Company : JIAHANG TECHNOLOGY (HONG KONG) CO.,LIMITED

EUT : Tablet PC

Model Number : T30

Report No. : CTA26032000903

Reviewed By : Eric Wang

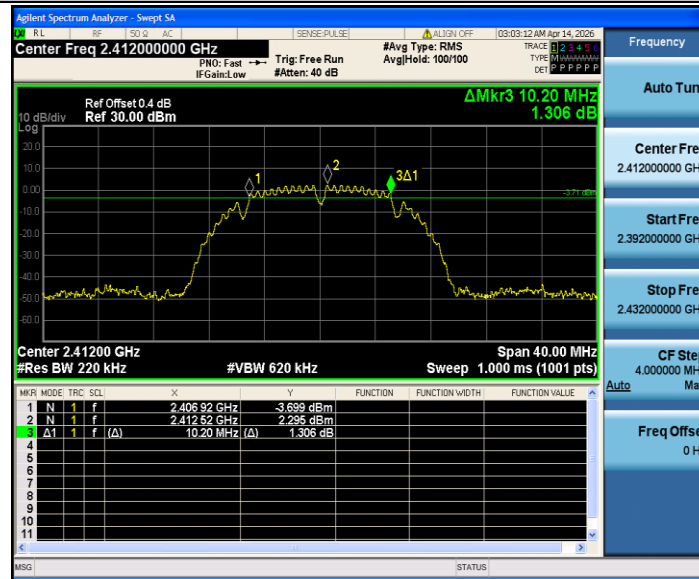
Appendix A: DTS Bandwidth

Test Result

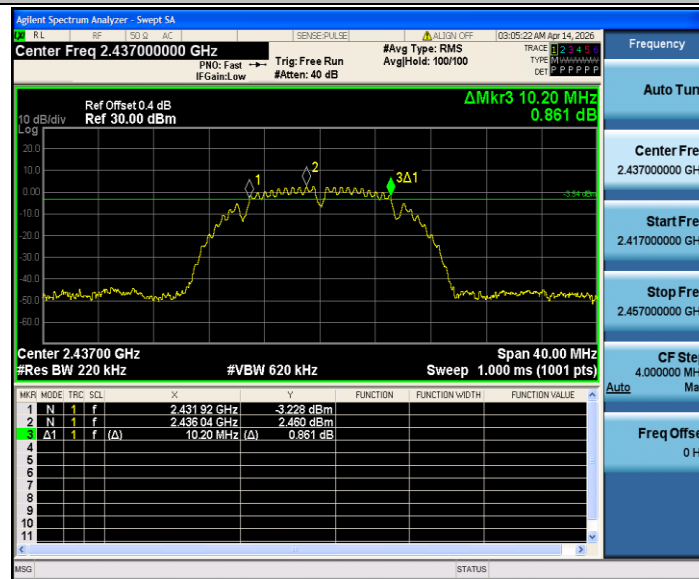
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.200	2406.920	2417.120	0.5	PASS
		2437	10.200	2431.920	2442.120	0.5	PASS
		2462	10.200	2456.920	2467.120	0.5	PASS
11G	Ant1	2412	15.360	2404.440	2419.800	0.5	PASS
		2437	15.760	2429.080	2444.840	0.5	PASS
		2462	15.920	2453.960	2469.880	0.5	PASS
11N20SISO	Ant1	2412	15.960	2404.520	2420.480	0.5	PASS
		2437	16.880	2428.760	2445.640	0.5	PASS
		2462	16.920	2453.480	2470.400	0.5	PASS
11N40SISO	Ant1	2422	36.000	2404.080	2440.080	0.5	PASS
		2437	36.080	2419.080	2455.160	0.5	PASS
		2452	35.760	2434.320	2470.080	0.5	PASS
11AX20SISO	Ant1	2412	18.560	2402.760	2421.320	0.5	PASS
		2437	18.520	2427.840	2446.360	0.5	PASS
		2462	17.320	2452.840	2470.160	0.5	PASS
11AX40SISO	Ant1	2422	36.320	2404.640	2440.960	0.5	PASS
		2437	36.480	2418.440	2454.920	0.5	PASS
		2452	35.200	2433.440	2468.640	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



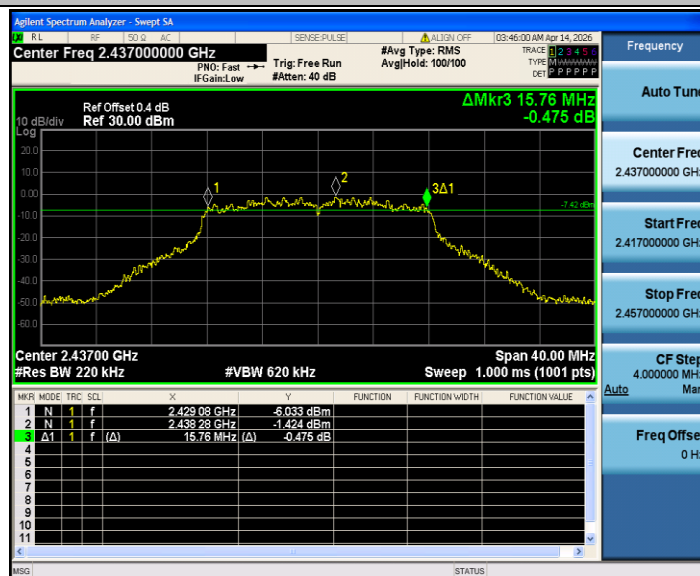
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



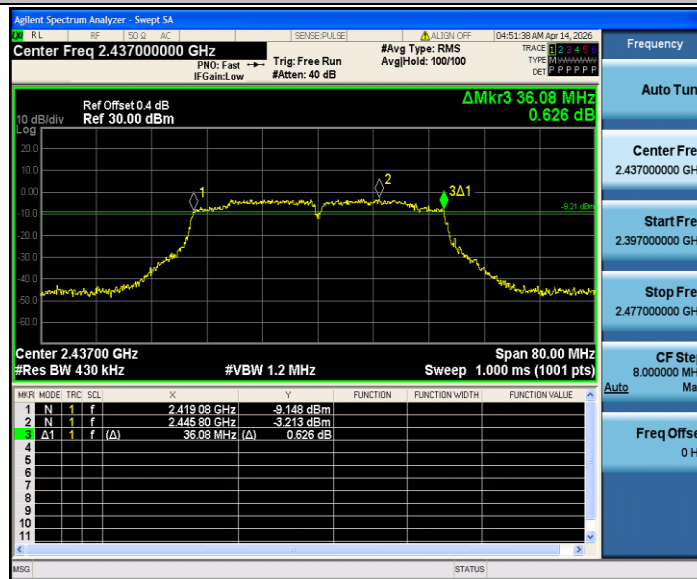
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



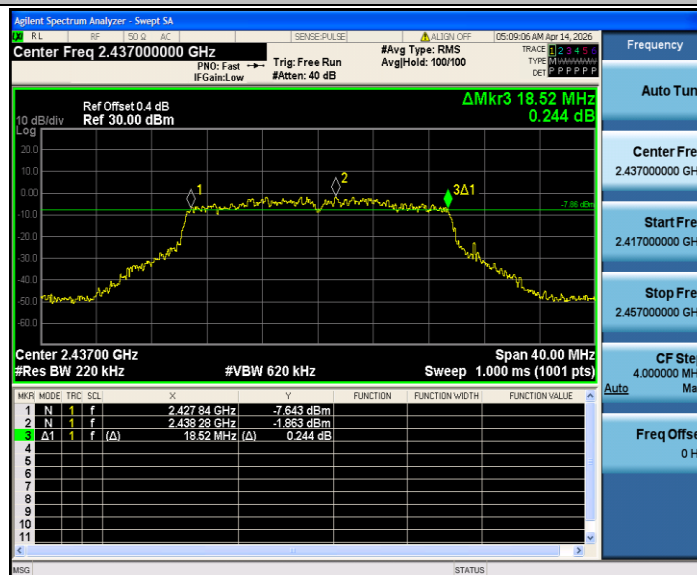
11N40SISO_Ant1_2452



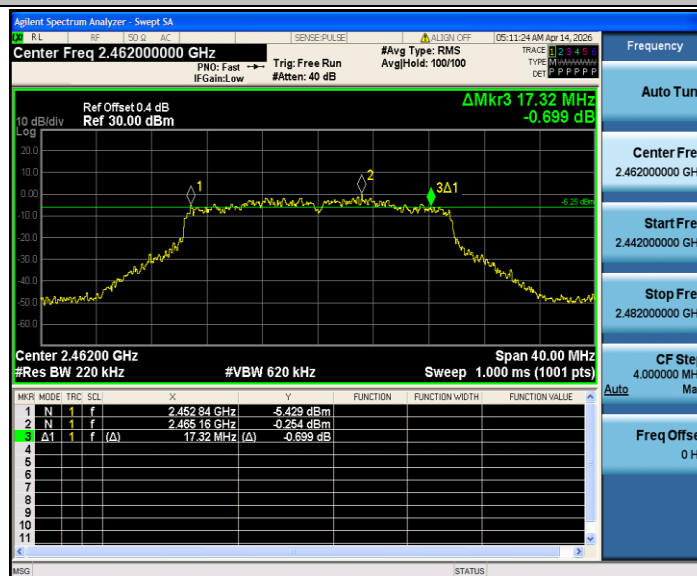
11AX20SISO_Ant1_2412



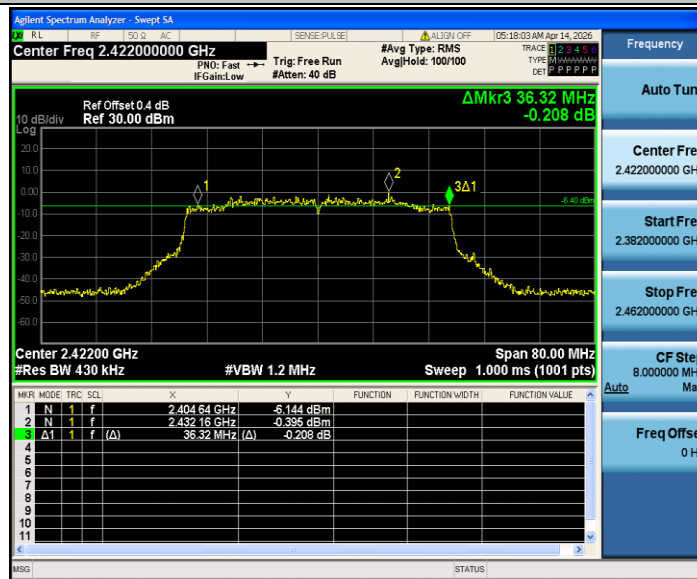
11AX20SISO_Ant1_2437



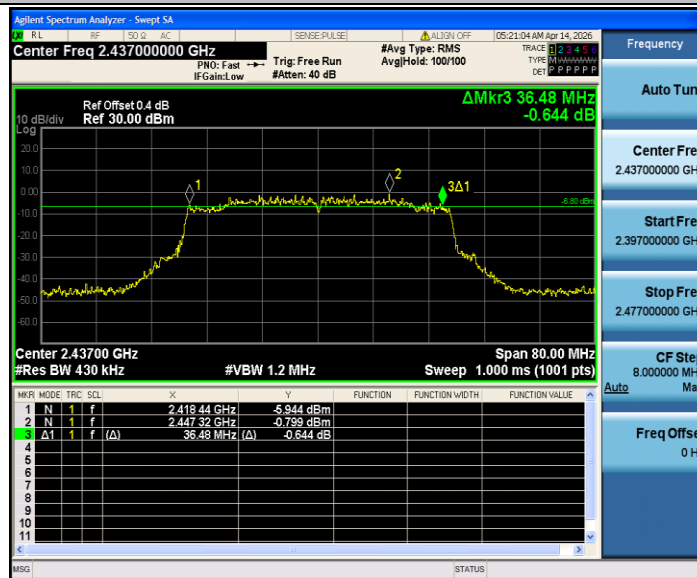
11AX20SISO_Ant1_2462



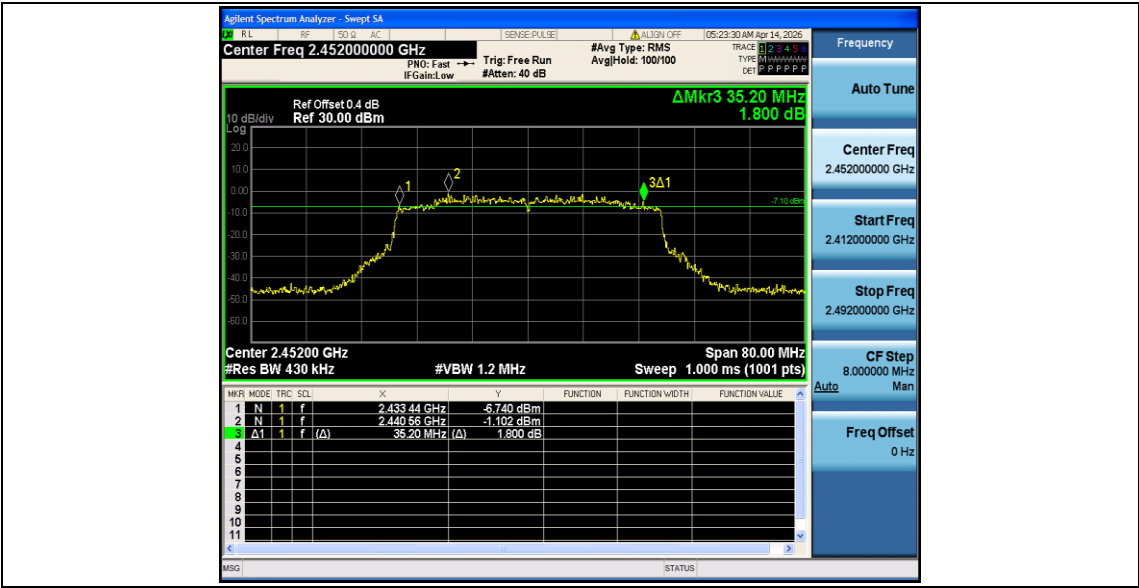
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



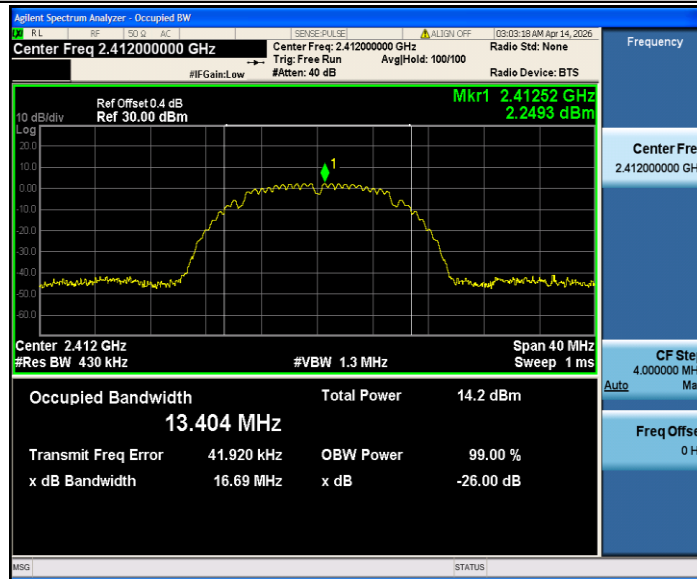
Appendix B: Occupied Channel Bandwidth

Test Result

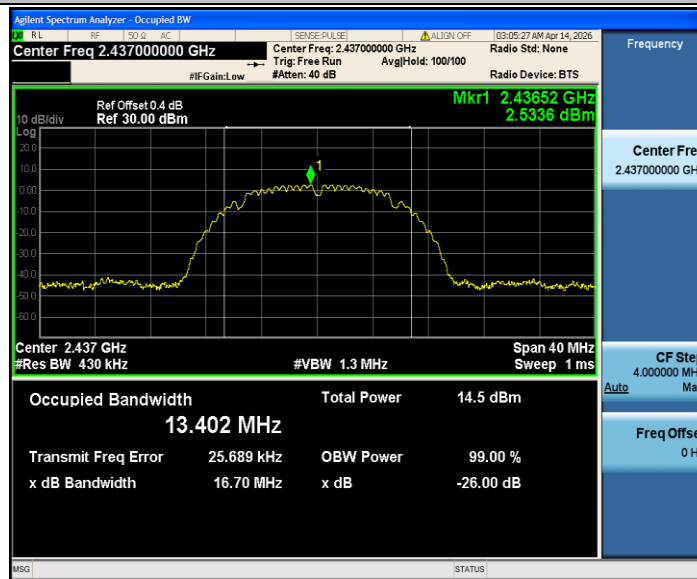
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.404	2405.3399	2418.7439	---	---
		2437	13.402	2430.3247	2443.7267	---	---
		2462	13.401	2455.3107	2468.7117	---	---
11G	Ant1	2412	16.840	2403.6514	2420.4914	---	---
		2437	16.886	2428.6469	2445.5329	---	---
		2462	16.787	2453.6465	2470.4335	---	---
11N20SISO	Ant1	2412	17.903	2403.0762	2420.9792	---	---
		2437	17.834	2428.0982	2445.9322	---	---
		2462	17.825	2453.0960	2470.9210	---	---
11N40SISO	Ant1	2422	36.025	2404.0541	2440.0791	---	---
		2437	36.068	2419.0345	2455.1025	---	---
		2452	36.038	2434.0615	2470.0995	---	---
11AX20SISO	Ant1	2412	18.941	2402.5822	2421.5232	---	---
		2437	18.960	2427.5380	2446.4980	---	---
		2462	18.974	2452.5497	2471.5237	---	---
11AX40SISO	Ant1	2422	37.572	2403.2689	2440.8409	---	---
		2437	37.549	2418.2974	2455.8464	---	---
		2452	37.610	2433.3463	2470.9563	---	---

Test Graphs

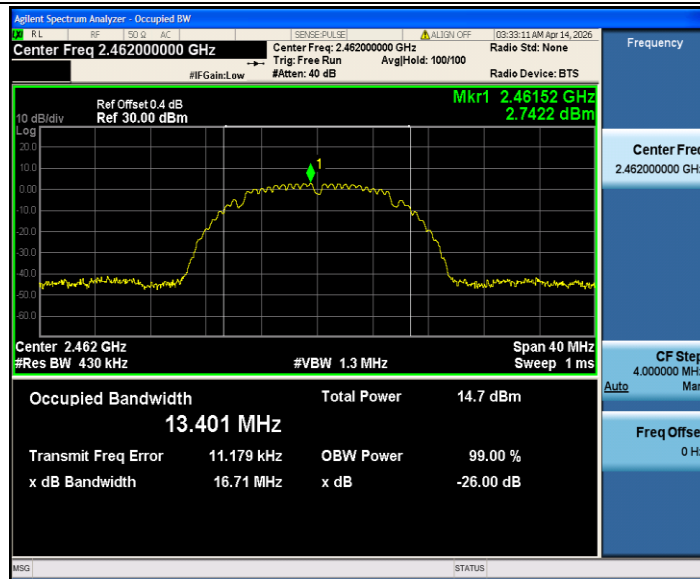
11B_Ant1_2412



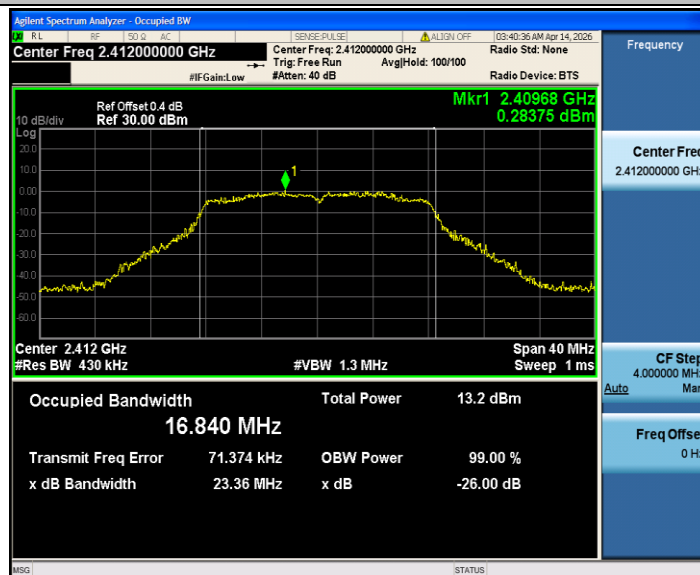
11B_Ant1_2437



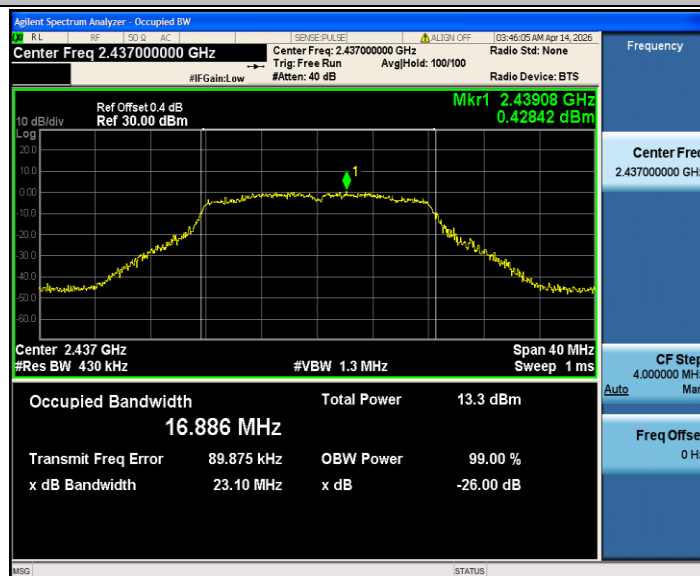
11B_Ant1_2462



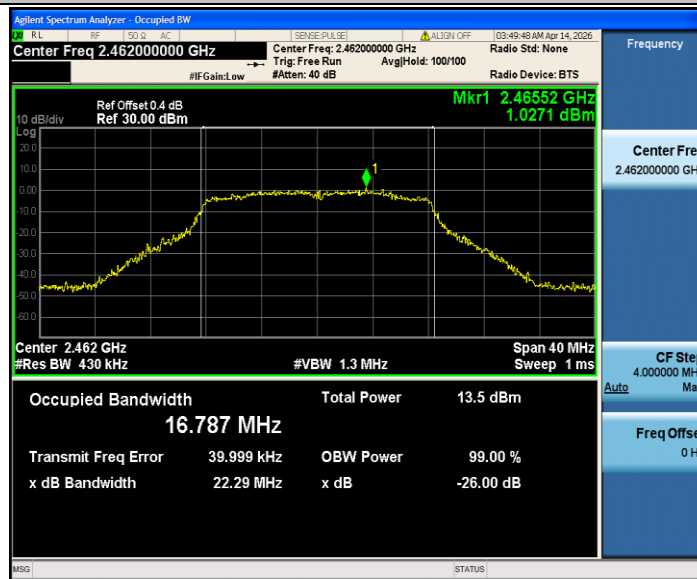
11G_Ant1_2412



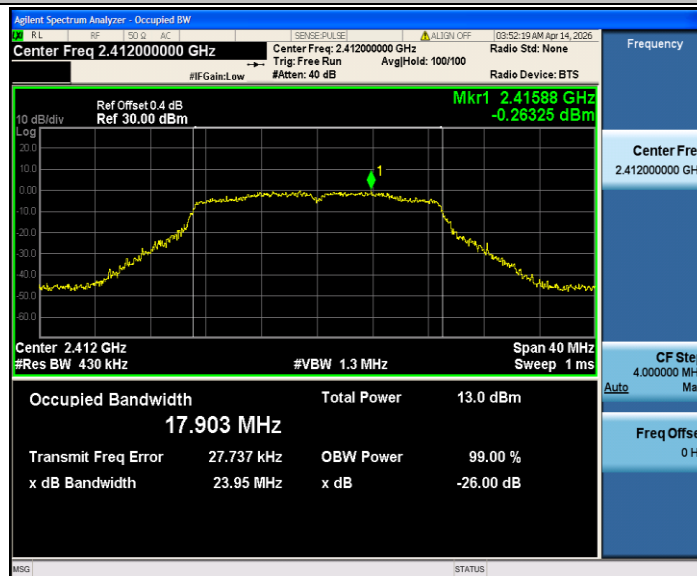
11G_Ant1_2437



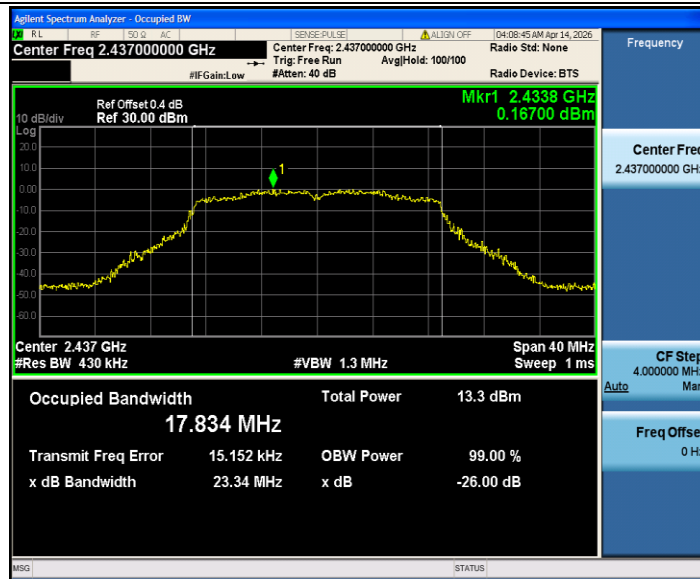
11G_Ant1_2462



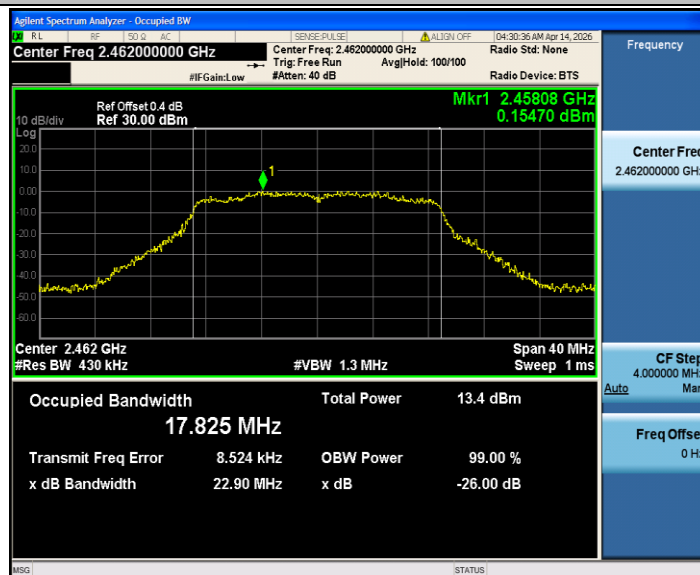
11N20SISO_Ant1_2412



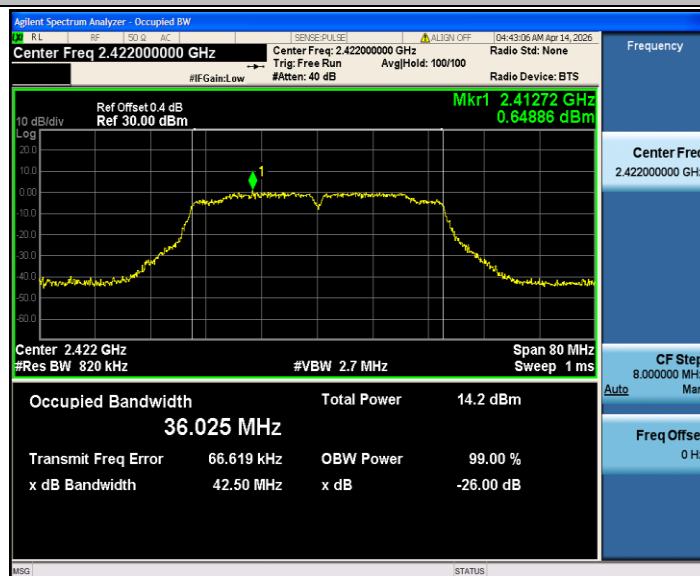
11N20SISO_Ant1_2437



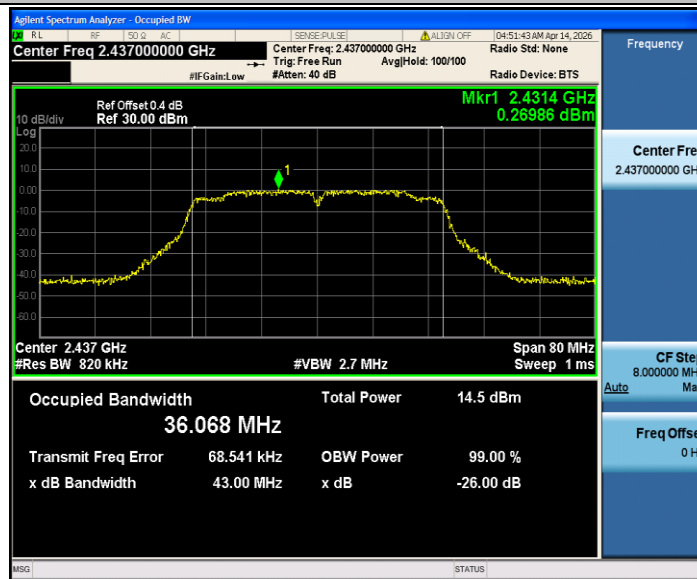
11N20SISO_Ant1_2462



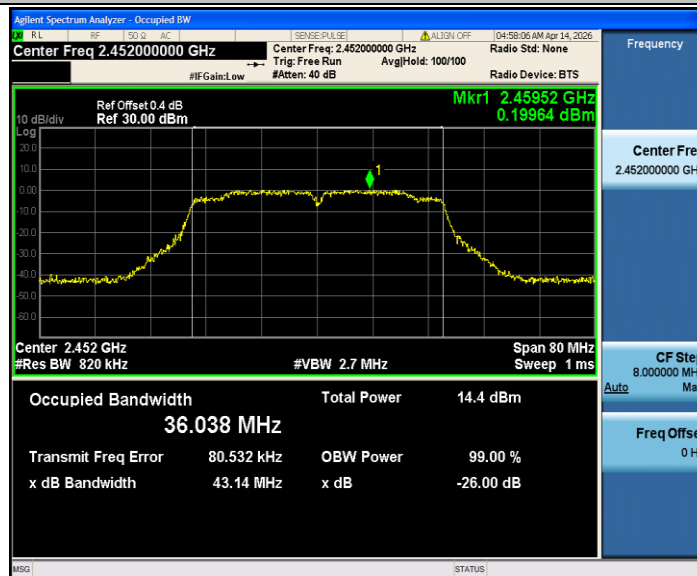
11N40SISO_Ant1_2422



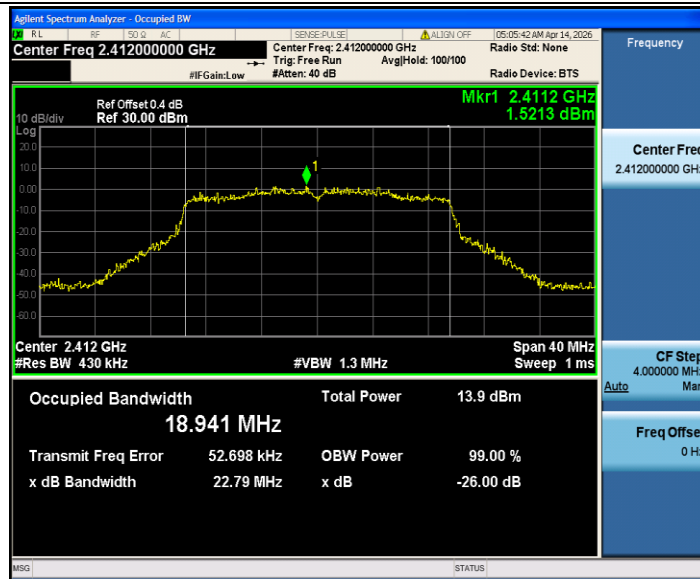
11N40SISO_Ant1_2437



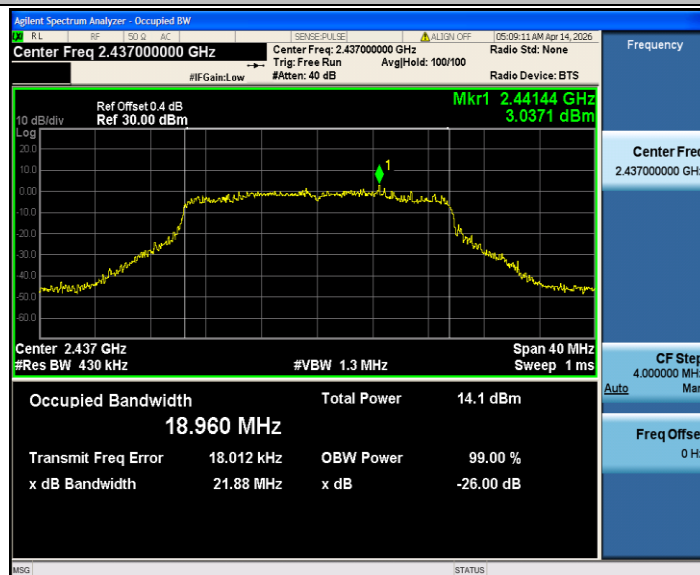
11N40SISO_Ant1_2452



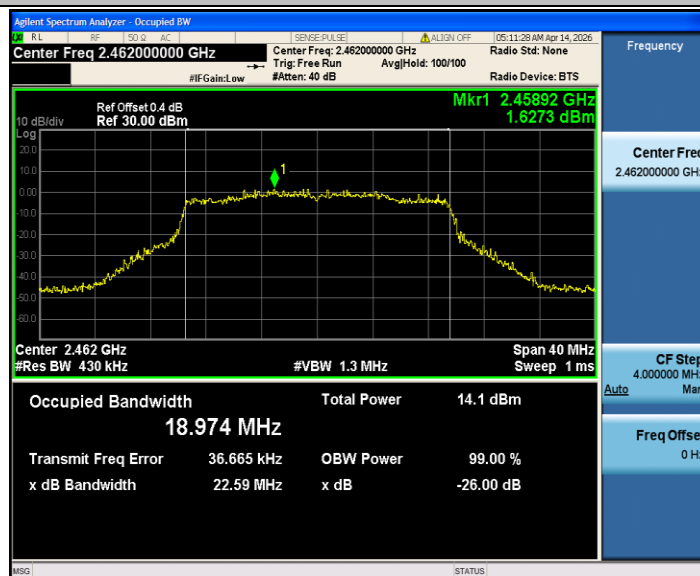
11AX20SISO_Ant1_2412



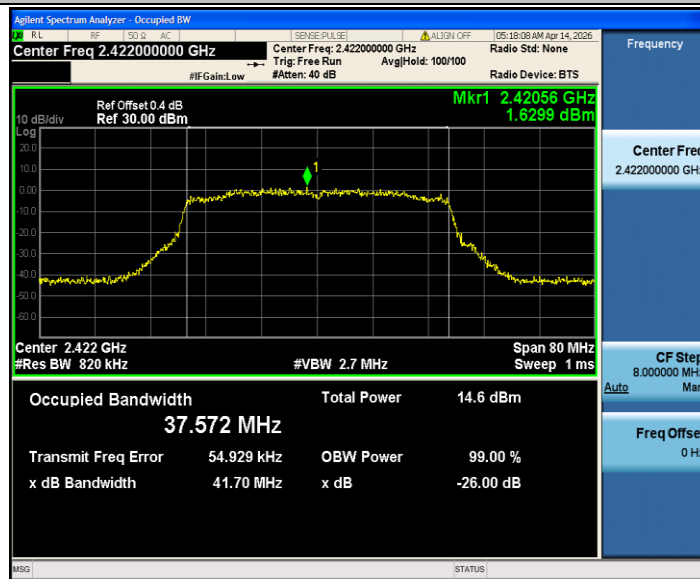
11AX20SISO_Ant1_2437



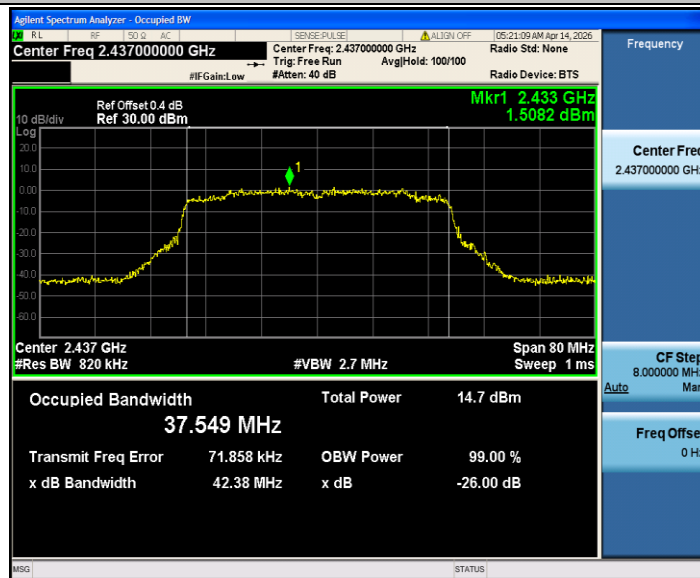
11AX20SISO_Ant1_2462



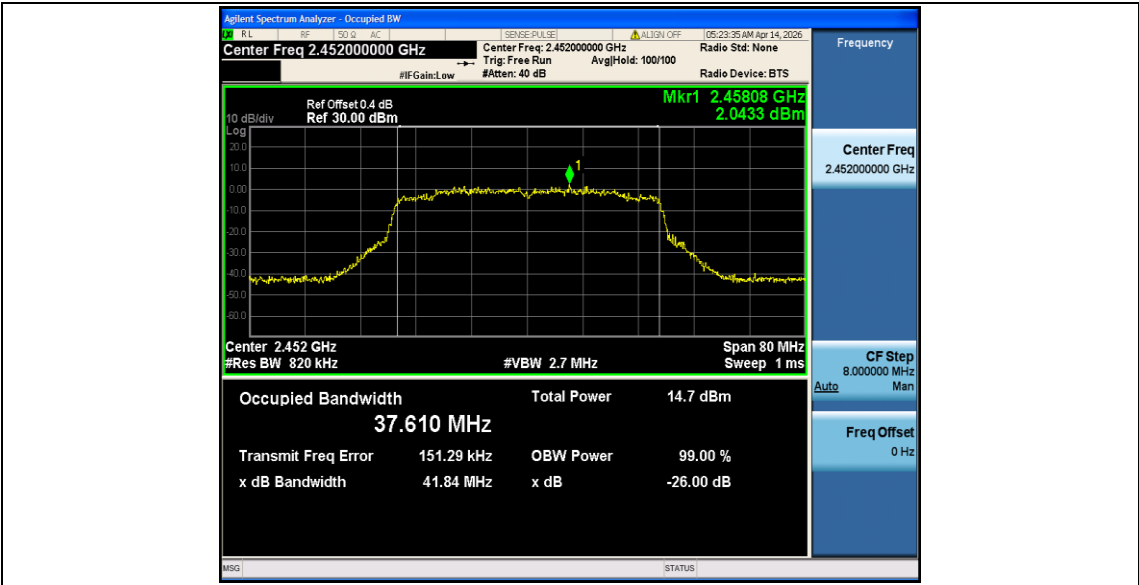
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	13.92	≤30.00	PASS
		2437	14.20	≤30.00	PASS
		2462	14.33	≤30.00	PASS
11G	Ant1	2412	14.02	≤30.00	PASS
		2437	14.14	≤30.00	PASS
		2462	14.45	≤30.00	PASS
11N20SISO	Ant1	2412	13.82	≤30.00	PASS
		2437	14.21	≤30.00	PASS
		2462	14.39	≤30.00	PASS
11N40SISO	Ant1	2422	14.42	≤30.00	PASS
		2437	14.63	≤30.00	PASS
		2452	14.60	≤30.00	PASS
11AX20SISO	Ant1	2412	14.40	≤30.00	PASS
		2437	14.61	≤30.00	PASS
		2462	14.53	≤30.00	PASS
11AX40SISO	Ant1	2422	14.57	≤30.00	PASS
		2437	14.83	≤30.00	PASS
		2452	14.72	≤30.00	PASS

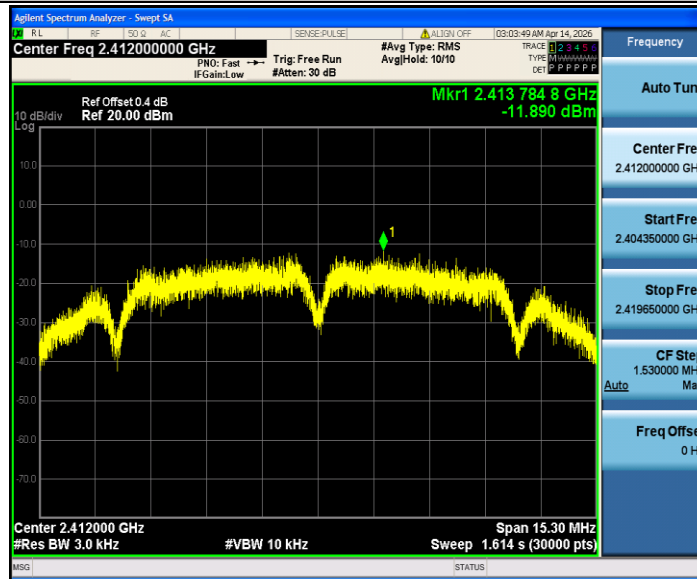
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.89	≤8.00	PASS
		2437	-11.95	≤8.00	PASS
		2462	-11.90	≤8.00	PASS
11G	Ant1	2412	-17.57	≤8.00	PASS
		2437	-16.72	≤8.00	PASS
		2462	-17.62	≤8.00	PASS
11N20SISO	Ant1	2412	-17.73	≤8.00	PASS
		2437	-17.32	≤8.00	PASS
		2462	-17.24	≤8.00	PASS
11N40SISO	Ant1	2422	-20.18	≤8.00	PASS
		2437	-19.42	≤8.00	PASS
		2452	-19.73	≤8.00	PASS
11AX20SISO	Ant1	2412	-18.57	≤8.00	PASS
		2437	-18.75	≤8.00	PASS
		2462	-19.01	≤8.00	PASS
11AX40SISO	Ant1	2422	-21.66	≤8.00	PASS
		2437	-20.61	≤8.00	PASS
		2452	-21.77	≤8.00	PASS

Test Graphs

11B_Ant1_2412



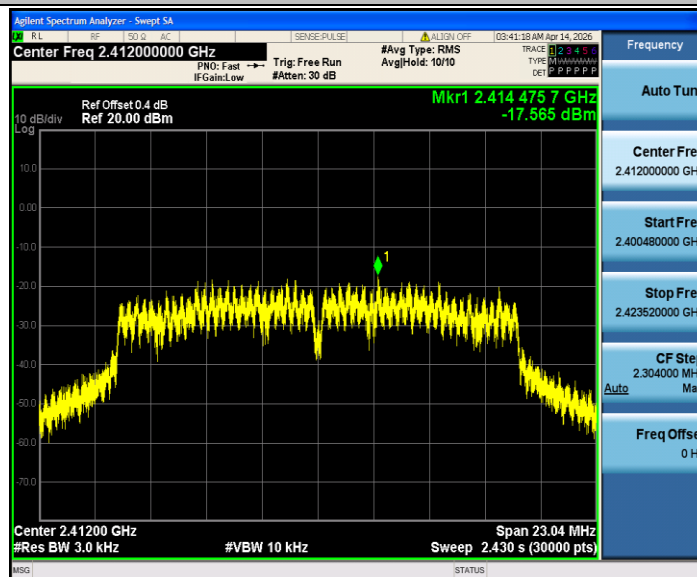
11B_Ant1_2437



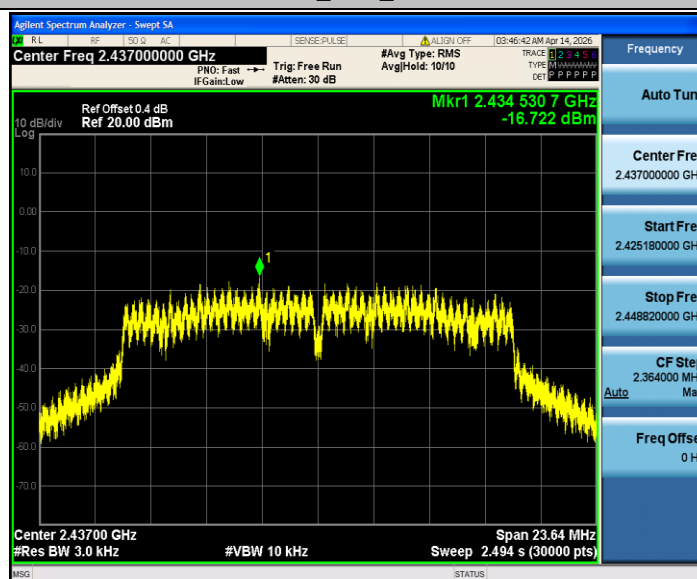
11B_Ant1_2462



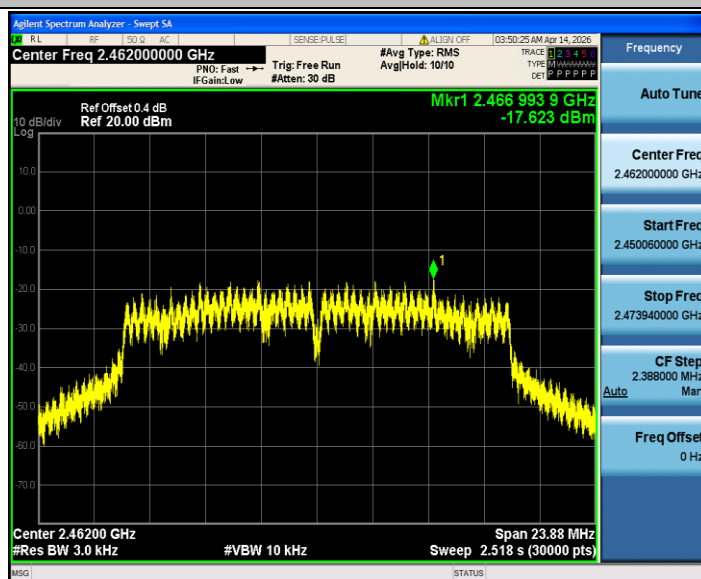
11G_Ant1_2412



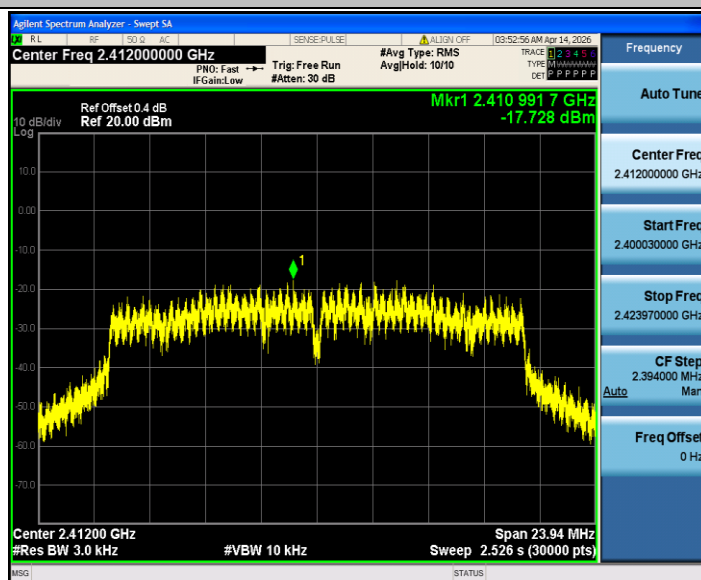
11G_Ant1_2437



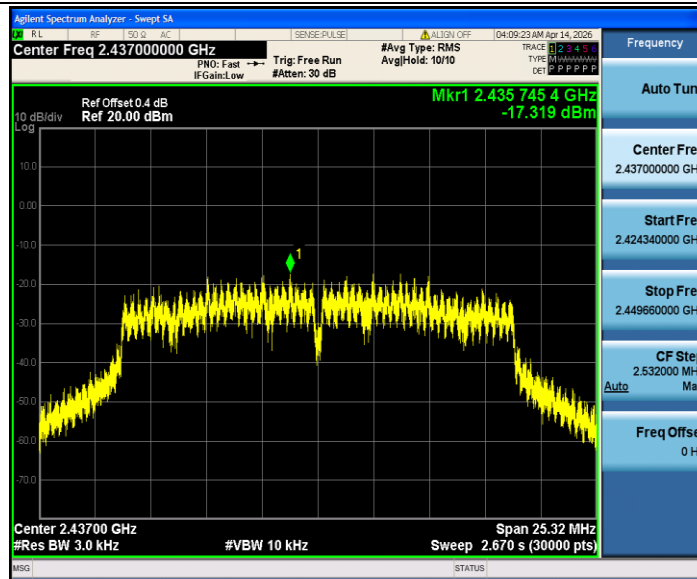
11G_Ant1_2462



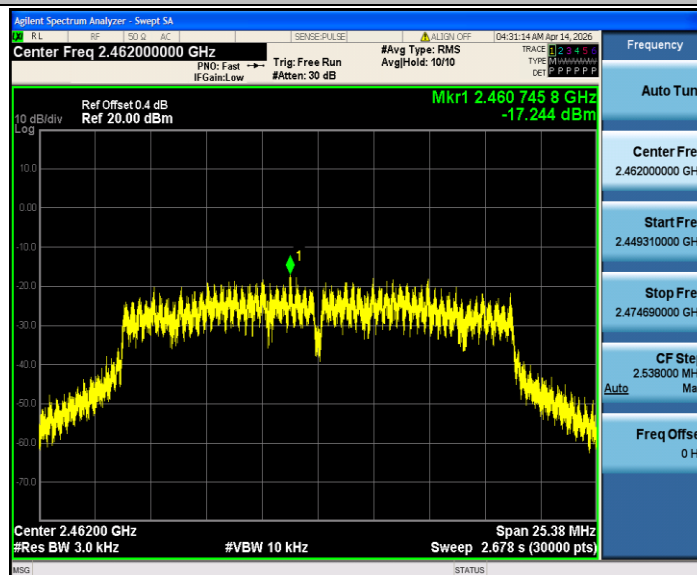
11N20SISO_Ant1_2412



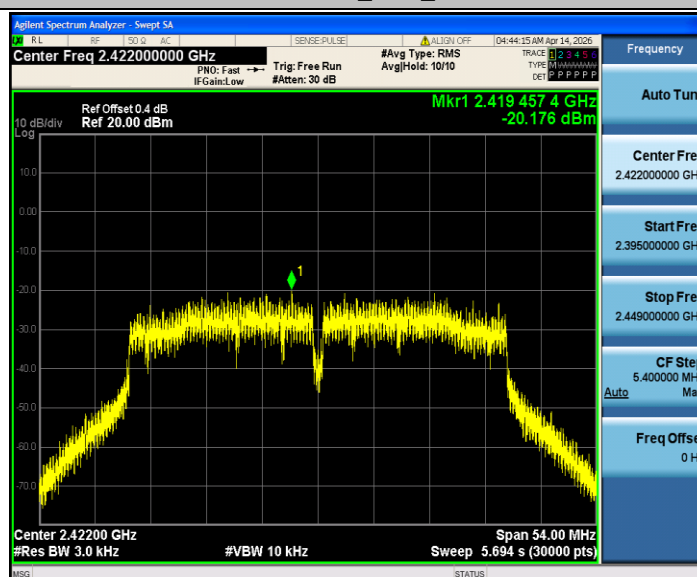
11N20SISO_Ant1_2437



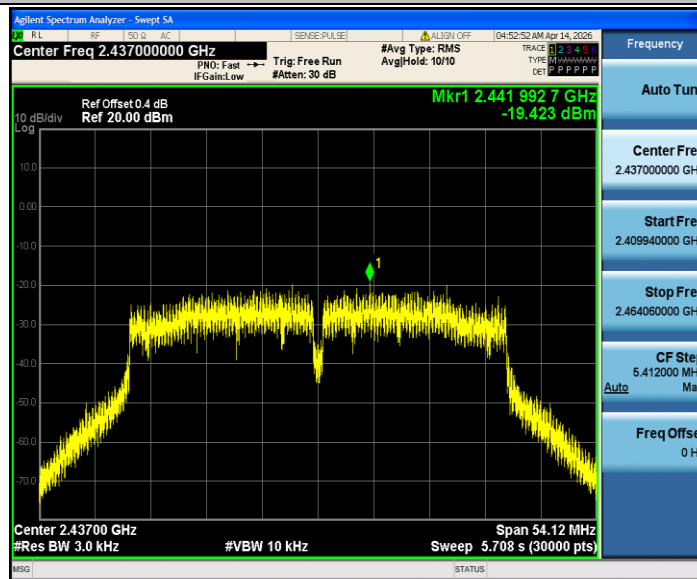
11N20SISO_Ant1_2462



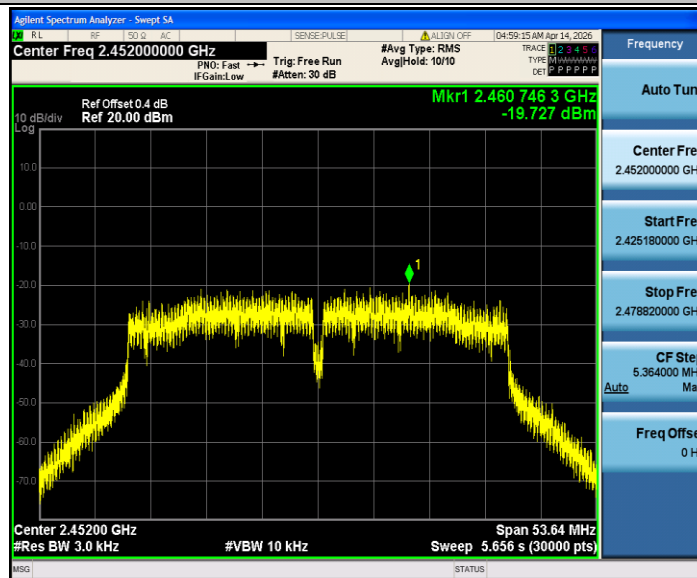
11N40SISO_Ant1_2422



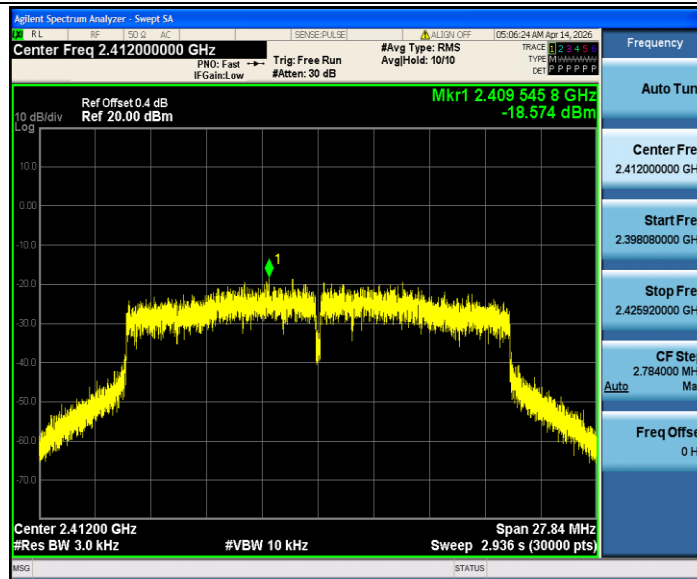
11N40SISO_Ant1_2437



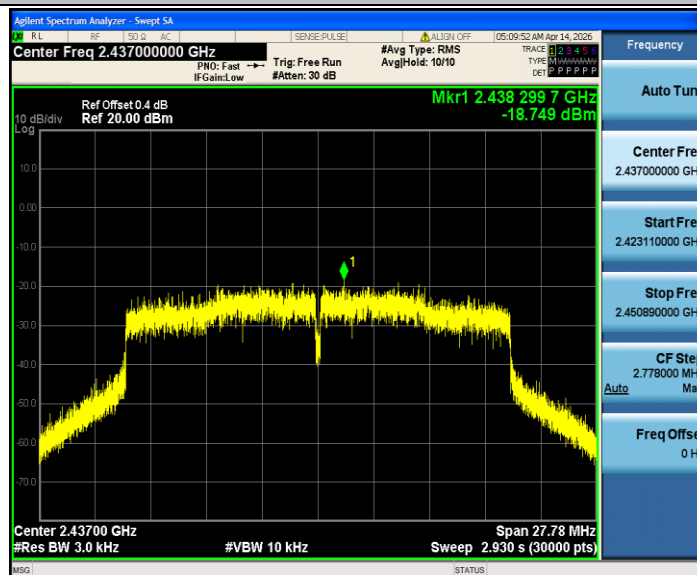
11N40SISO_Ant1_2452



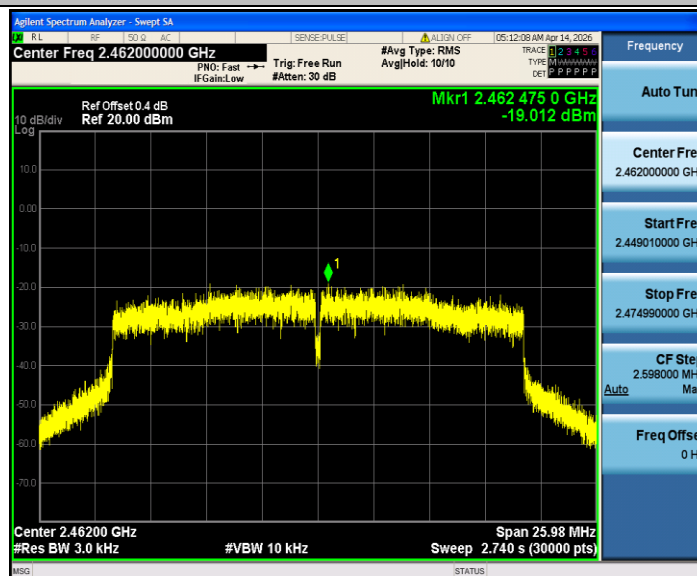
11AX20SISO_Ant1_2412



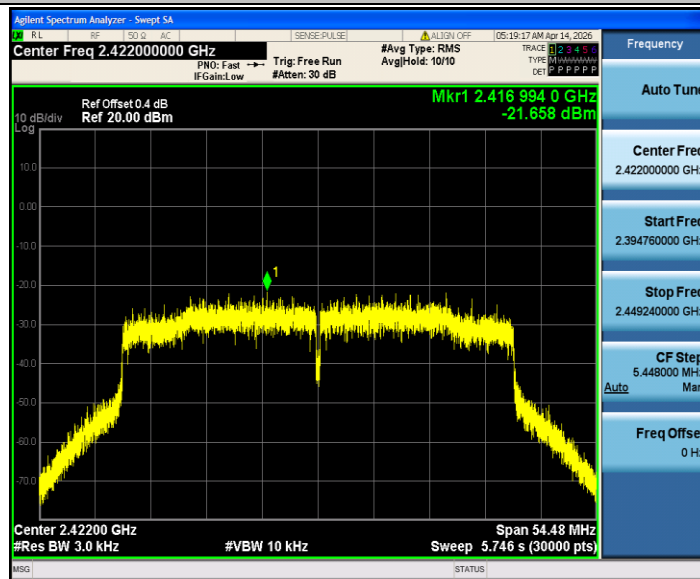
11AX20SISO_Ant1_2437



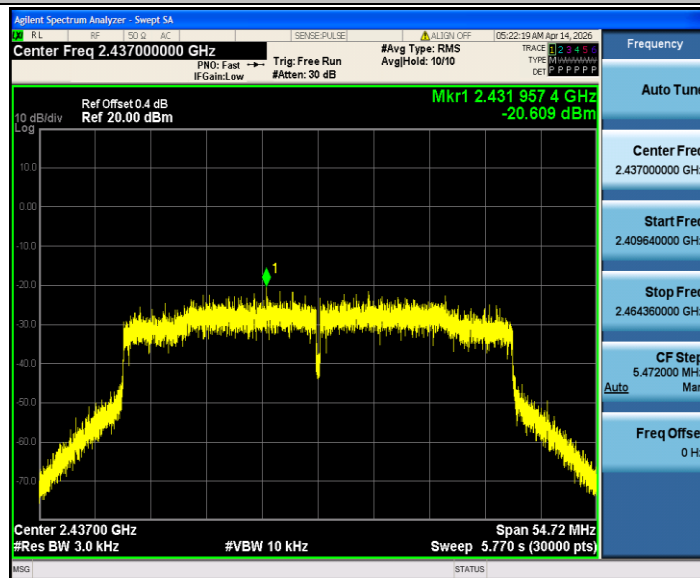
11AX20SISO_Ant1_2462



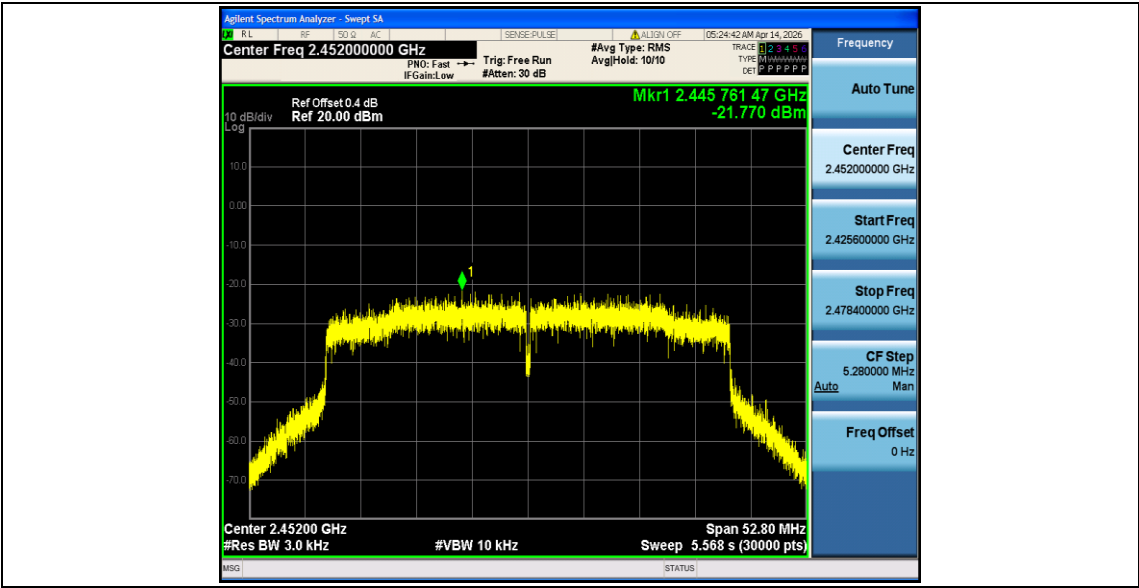
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



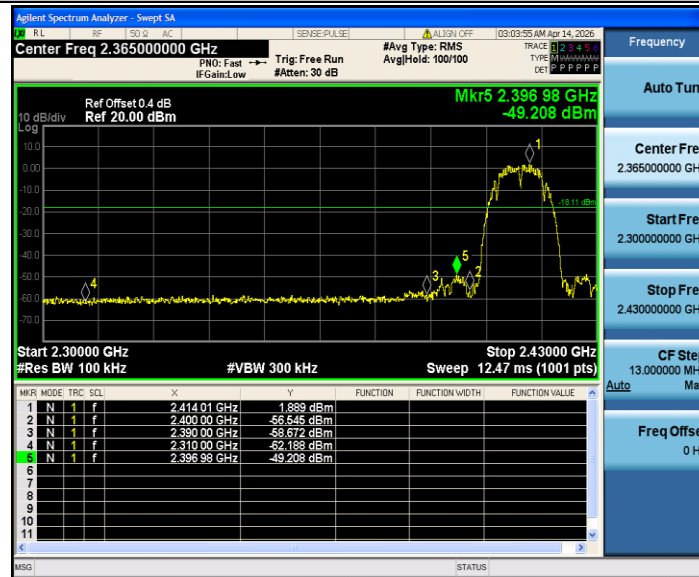
Appendix E: Band edge measurements

Test Result

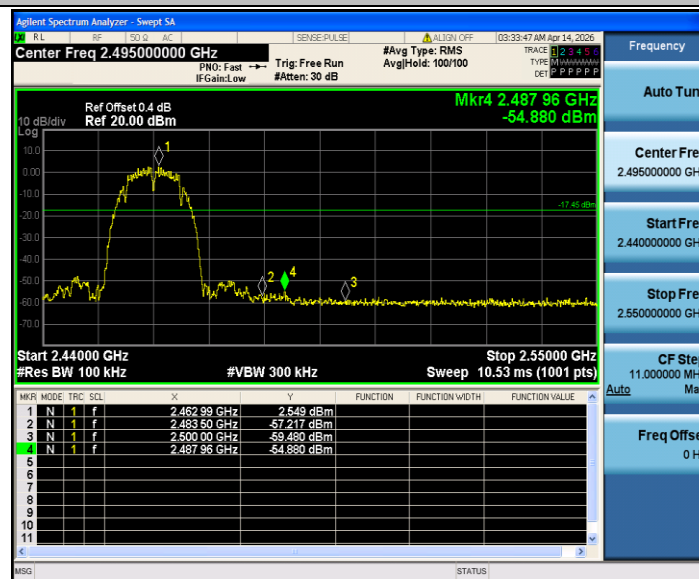
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1.89	-49.21	≤-18.11	PASS
		High	2462	2.55	-54.88	≤-17.45	PASS
11G	Ant1	Low	2412	-2.31	-34.37	≤-22.31	PASS
		High	2462	-2.44	-57.46	≤-22.44	PASS
11N20SISO	Ant1	Low	2412	-2.99	-33.72	≤-22.99	PASS
		High	2462	-2.39	-57.76	≤-22.39	PASS
11N40SISO	Ant1	Low	2422	-5.61	-33.34	≤-25.61	PASS
		High	2452	-5.38	-56.57	≤-25.38	PASS
11AX20SISO	Ant1	Low	2412	-2.73	-32.5	≤-22.73	PASS
		High	2462	-2.49	-57.44	≤-22.49	PASS
11AX40SISO	Ant1	Low	2422	-6.12	-35.14	≤-26.12	PASS
		High	2452	-5.89	-56.81	≤-25.89	PASS

Test Graphs

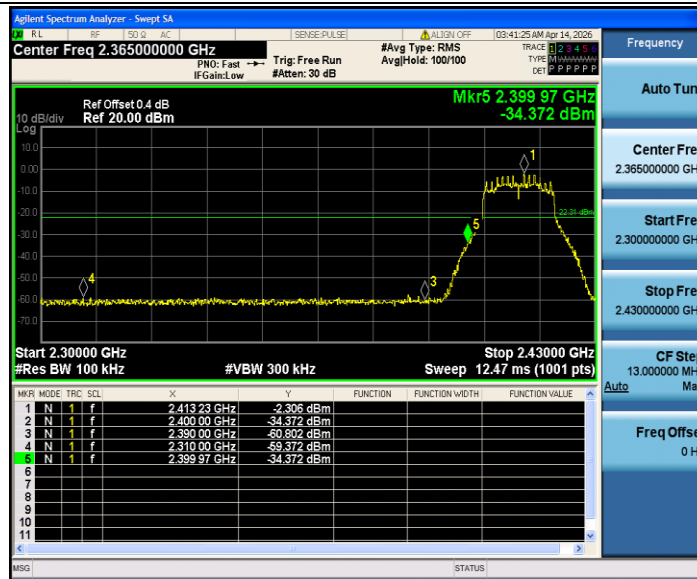
11B_Ant1_Low_2412



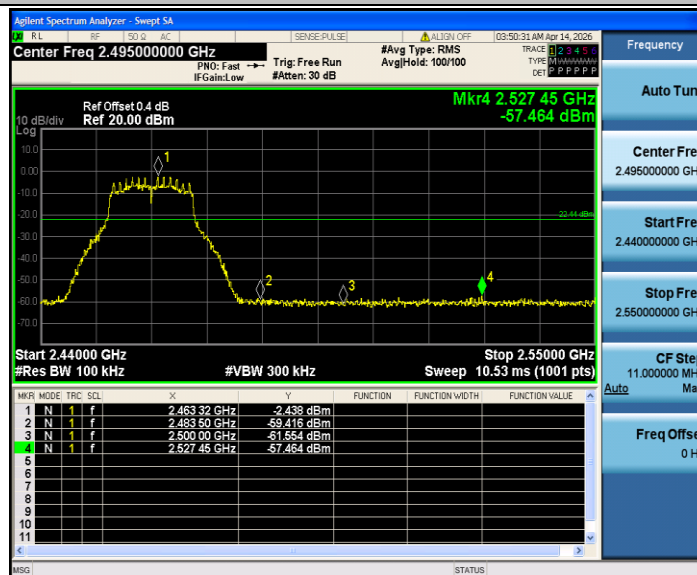
11B_Ant1_High_2462



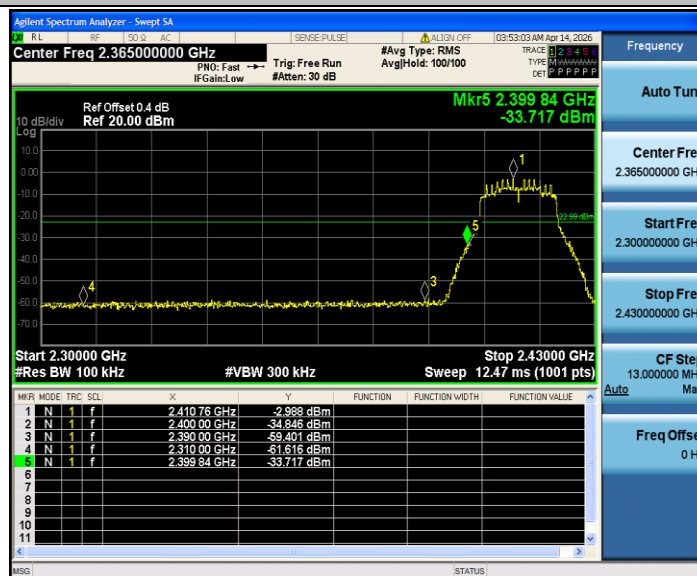
11G_Ant1_Low_2412



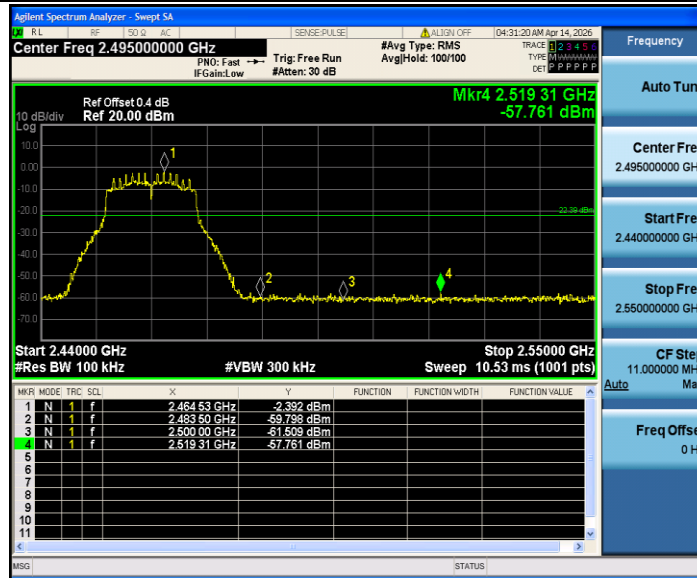
11G_Ant1_High_2462



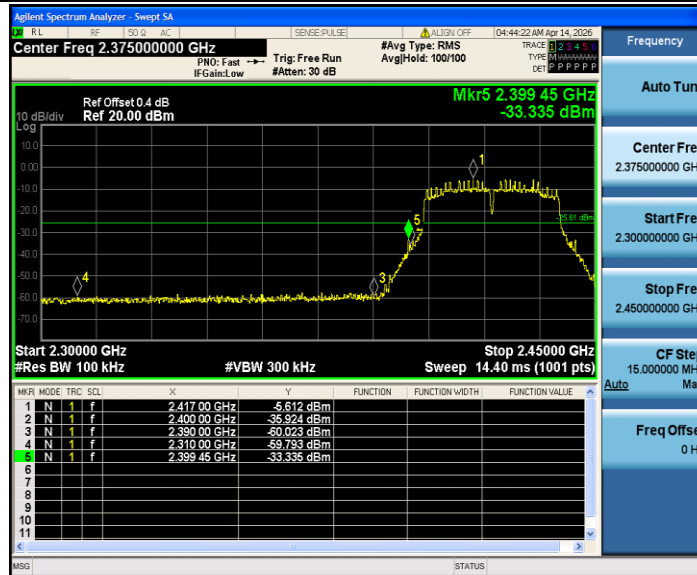
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452