FCC Appendix RF Test Data for 2.4GWIFI

FCC ID	:	**2BY58-B16M**
Company	:	**HANGZHOU KinCony ELECTRONICS CO.,LTD**
EUT	:	**Smart Controller**
Model Number	:	**B16M**
Report No.	:	**CTA26092202001**
Reviewed By	:	Eric Wang

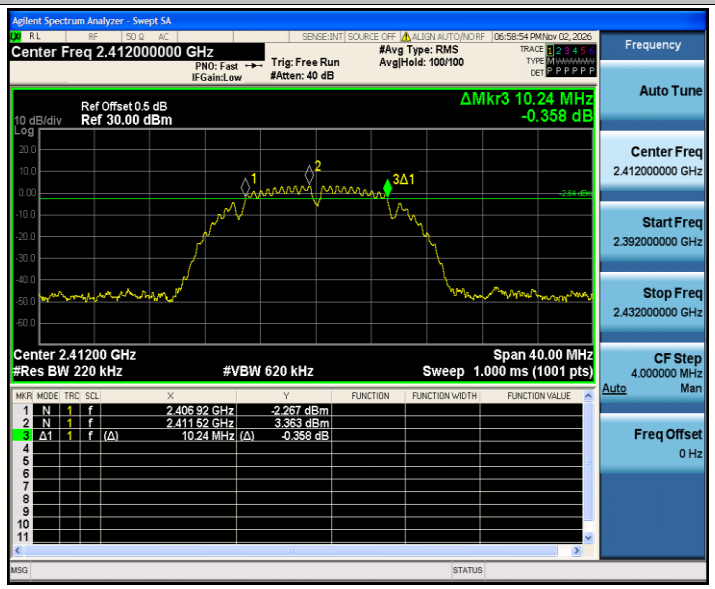
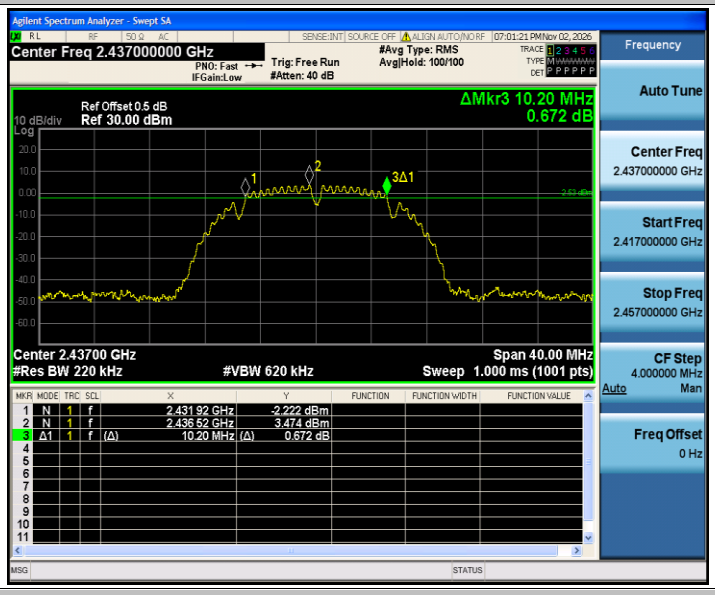
Appendix RF Test Data for 2.4GWIFI Antenna 1

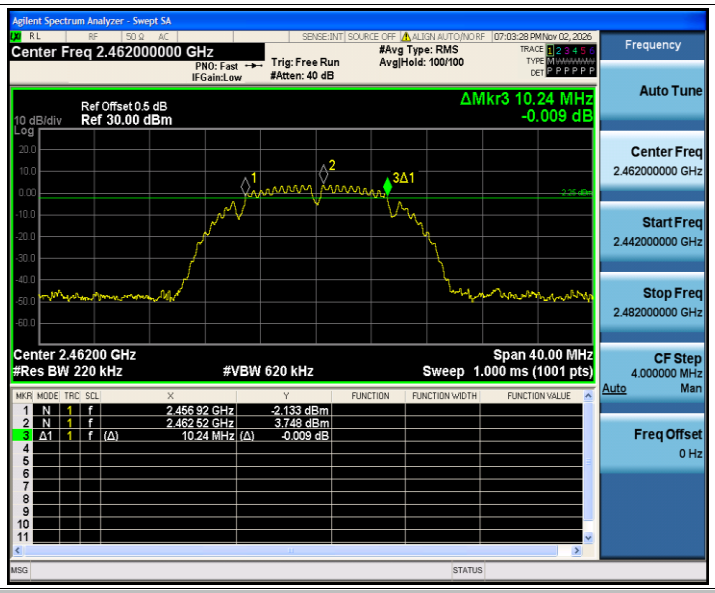
Appendix A: DTS Bandwidth

Test Result

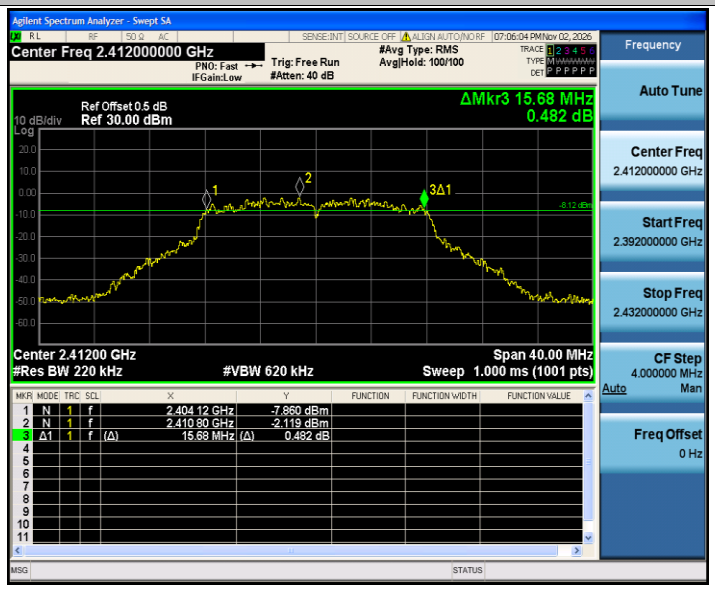
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.240	2406.920	2417.160	0.5	PASS
		2437	10.200	2431.920	2442.120	0.5	PASS
		2462	10.240	2456.920	2467.160	0.5	PASS
11G	Ant1	2412	15.680	2404.120	2419.800	0.5	PASS
		2437	15.600	2429.160	2444.760	0.5	PASS
		2462	15.920	2454.000	2469.920	0.5	PASS
11N20SISO	Ant1	2412	16.840	2403.440	2420.280	0.5	PASS
		2437	17.000	2428.480	2445.480	0.5	PASS
		2462	16.920	2453.600	2470.520	0.5	PASS

Test Graphs

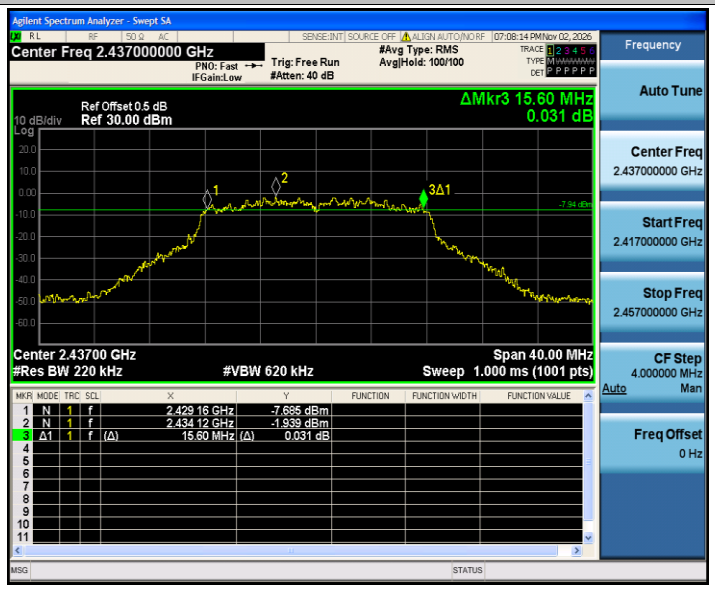
11B_Ant1_2412

11B_Ant1_2437

11B_Ant1_2462

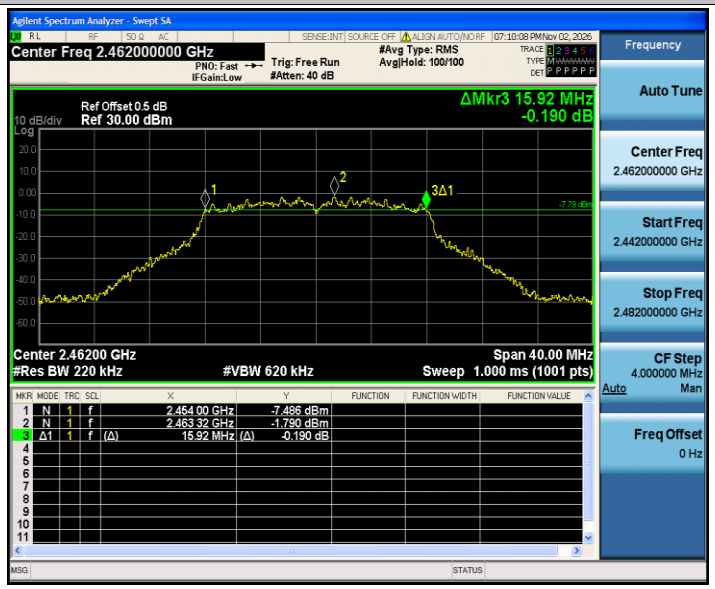
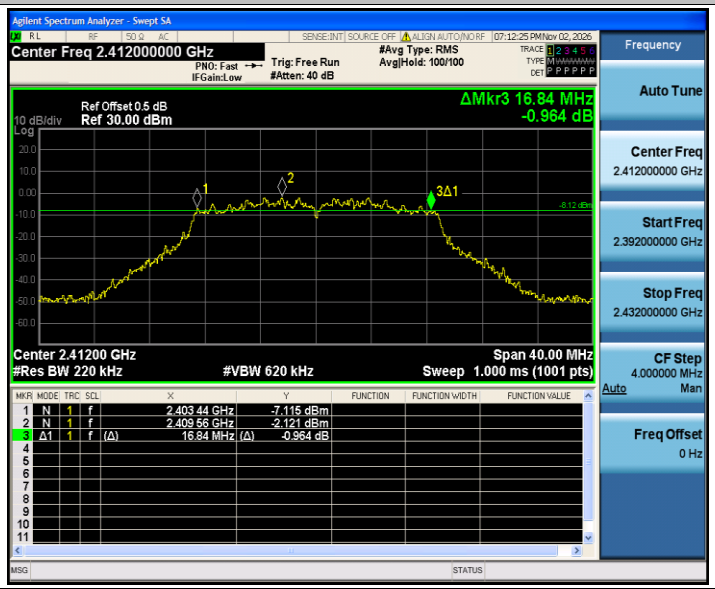


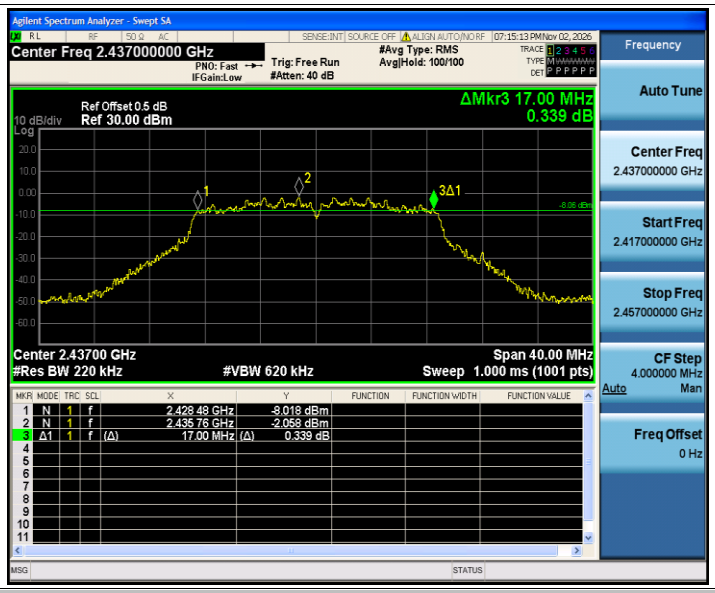
11G_Ant1_2412



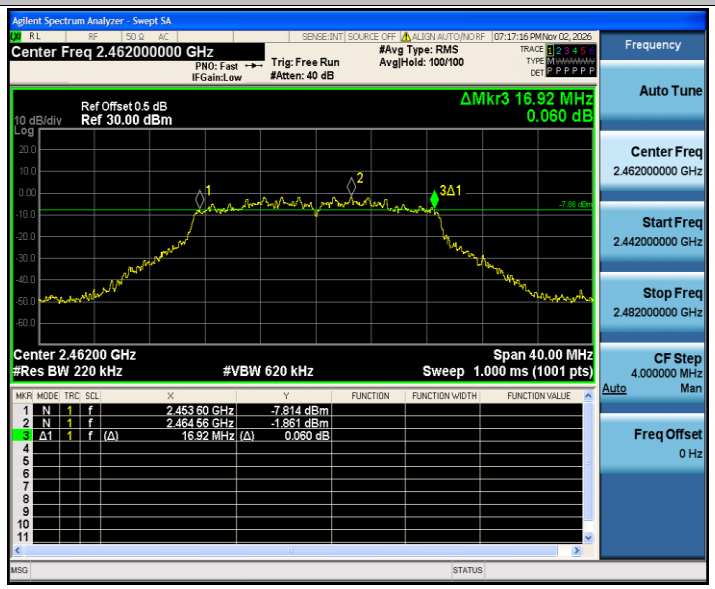
11G_Ant1_2437



11G_Ant1_2462

11N20SISO_Ant1_2412

11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

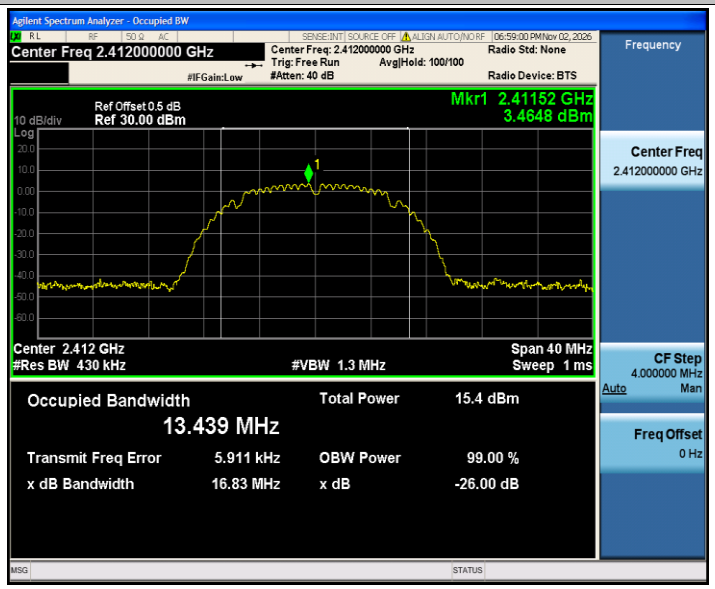
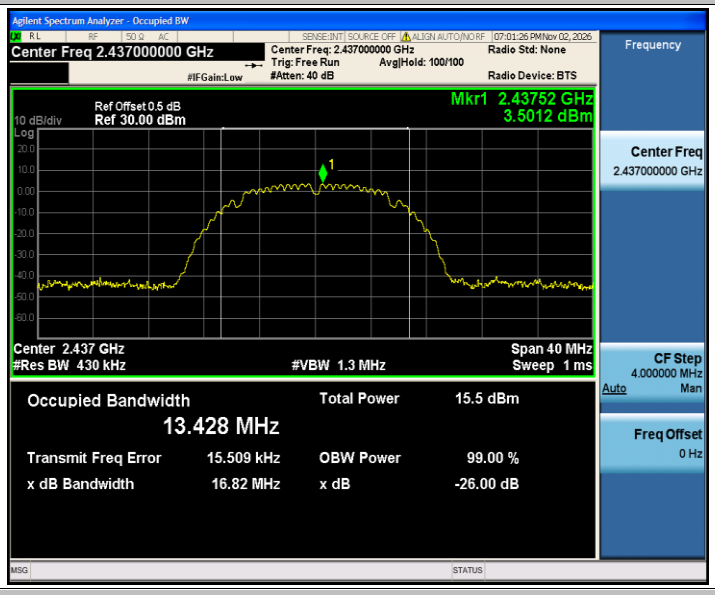


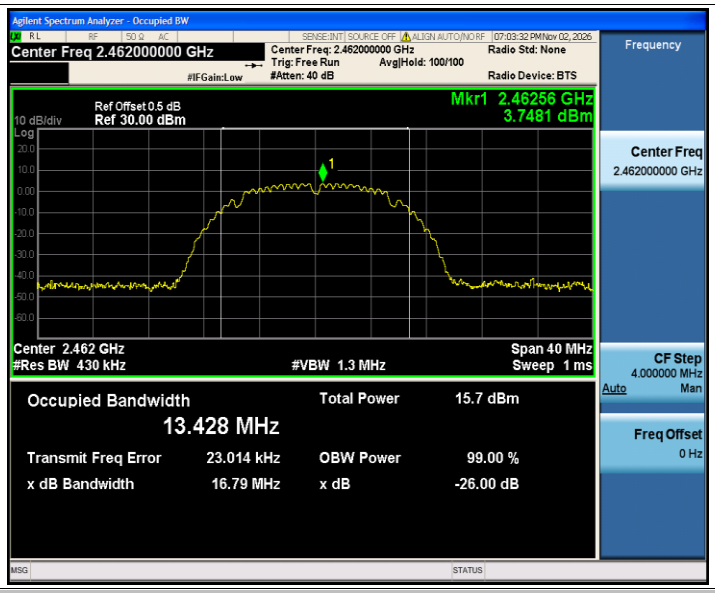
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.439	2405.2864	2418.7254	---	---
		2437	13.428	2430.3015	2443.7295	---	---
		2462	13.428	2455.3090	2468.7370	---	---
11G	Ant1	2412	16.799	2403.6576	2420.4566	---	---
		2437	16.810	2428.6703	2445.4803	---	---
		2462	16.812	2453.6263	2470.4383	---	---
11N20SISO	Ant1	2412	17.857	2403.0891	2420.9461	---	---
		2437	17.925	2428.0809	2446.0059	---	---
		2462	17.854	2453.0770	2470.9310	---	---

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



Appendix C: Maximum conducted output power

Test Result Peak

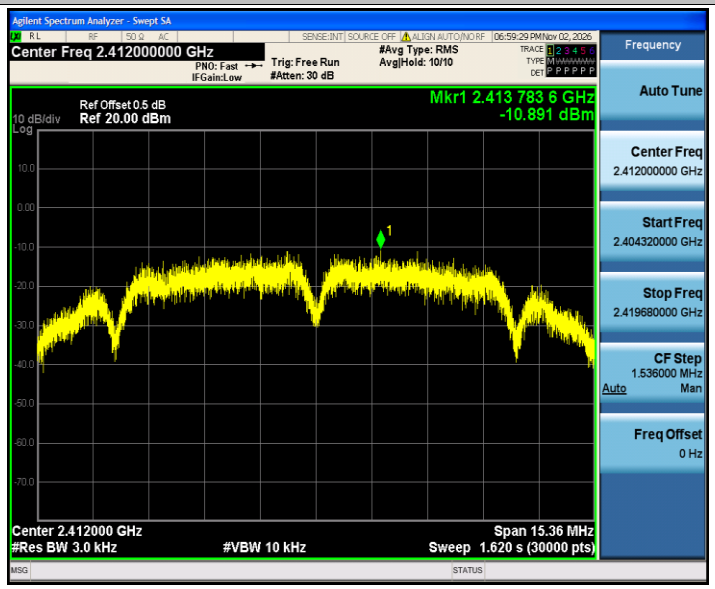
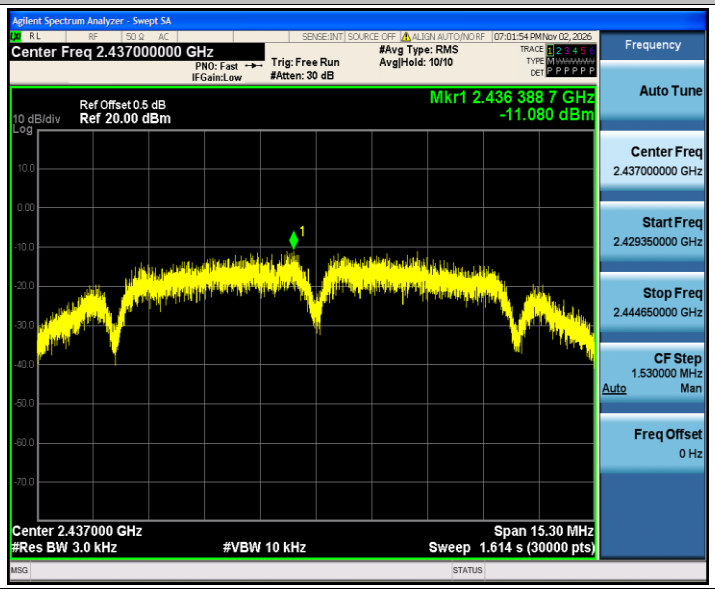
Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	15.12	≤30.00	PASS
		2437	15.15	≤30.00	PASS
		2462	15.29	≤30.00	PASS
11G	Ant1	2412	13.69	≤30.00	PASS
		2437	13.76	≤30.00	PASS
		2462	14.00	≤30.00	PASS
11N20SISO	Ant1	2412	13.51	≤30.00	PASS
		2437	13.69	≤30.00	PASS
		2462	13.79	≤30.00	PASS

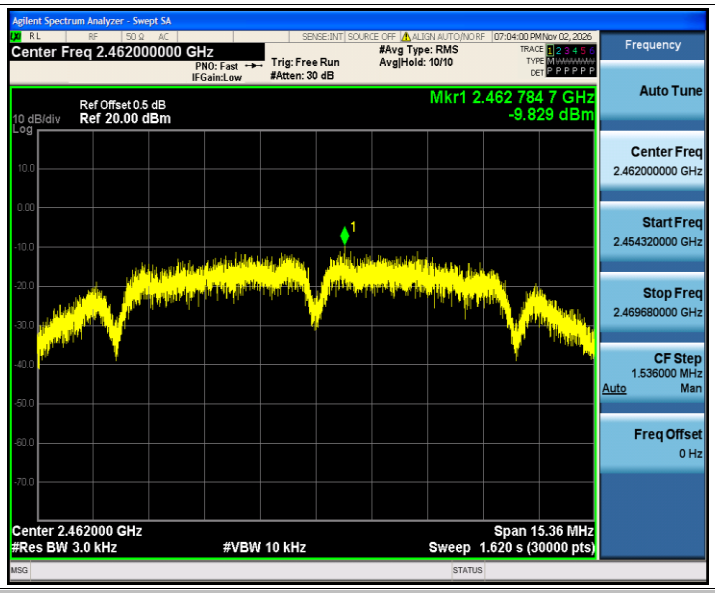
Appendix D: Maximum power spectral density

Test Result

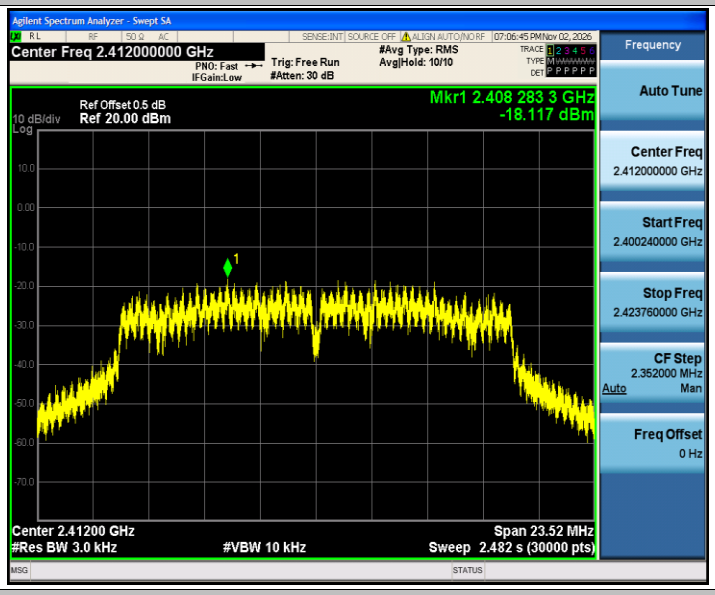
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.89	≤8.00	PASS
		2437	-11.08	≤8.00	PASS
		2462	-9.83	≤8.00	PASS
11G	Ant1	2412	-18.12	≤8.00	PASS
		2437	-18.25	≤8.00	PASS
		2462	-17.83	≤8.00	PASS
11N20SISO	Ant1	2412	-17.48	≤8.00	PASS
		2437	-17.65	≤8.00	PASS
		2462	-17.82	≤8.00	PASS

Test Graphs

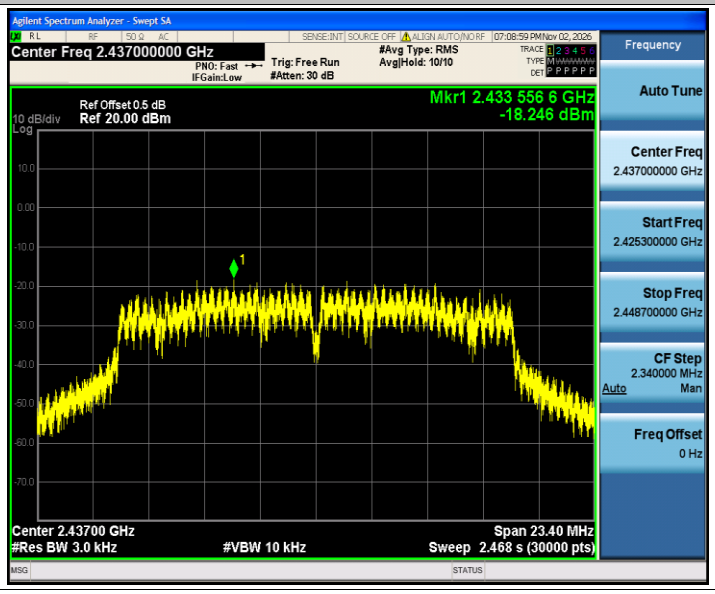
11B_Ant1_2412

11B_Ant1_2437

11B_Ant1_2462

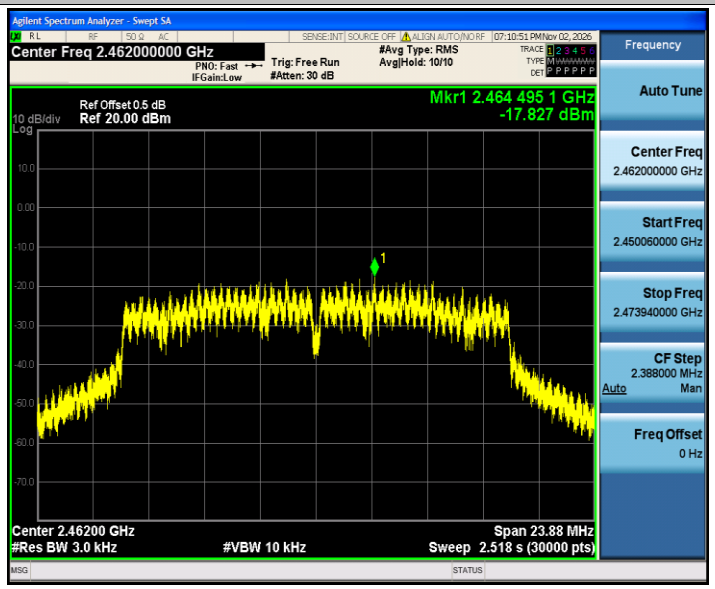
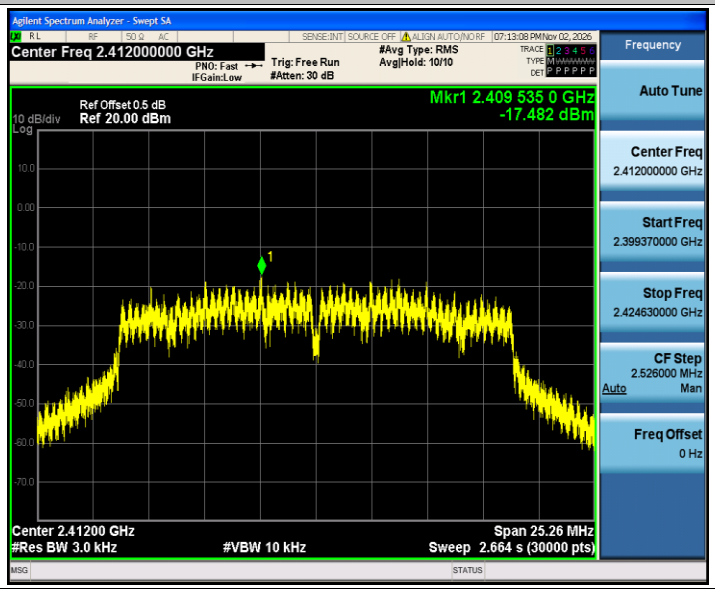


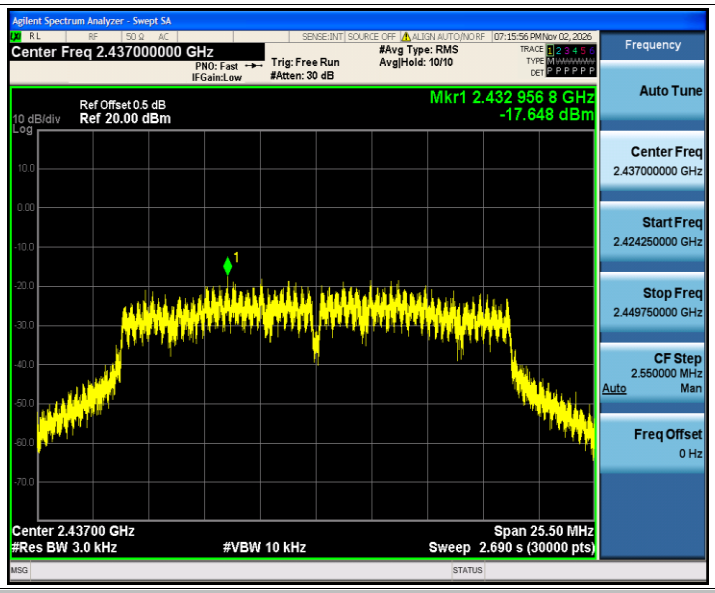
11G_Ant1_2412



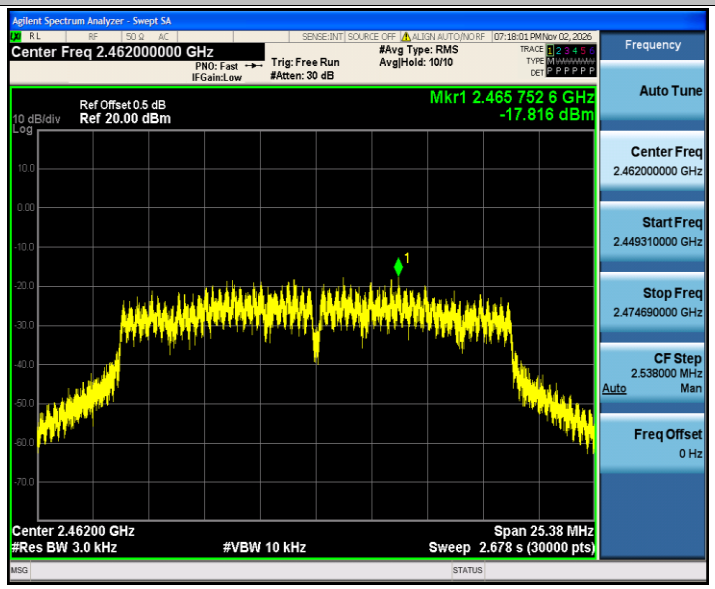
11G_Ant1_2437



11G_Ant1_2462

11N20SISO_Ant1_2412

11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

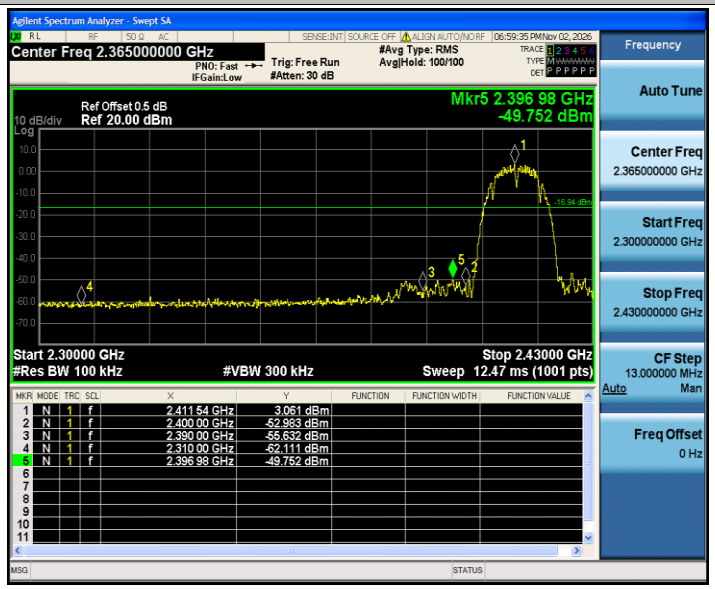
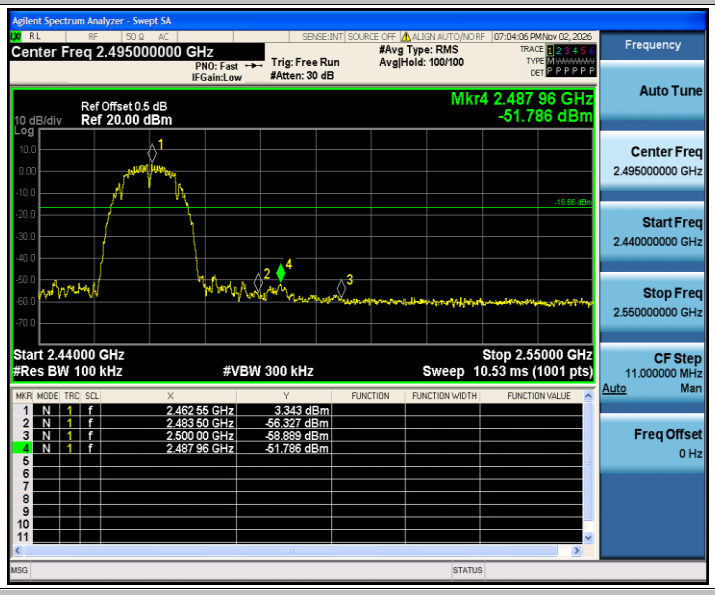


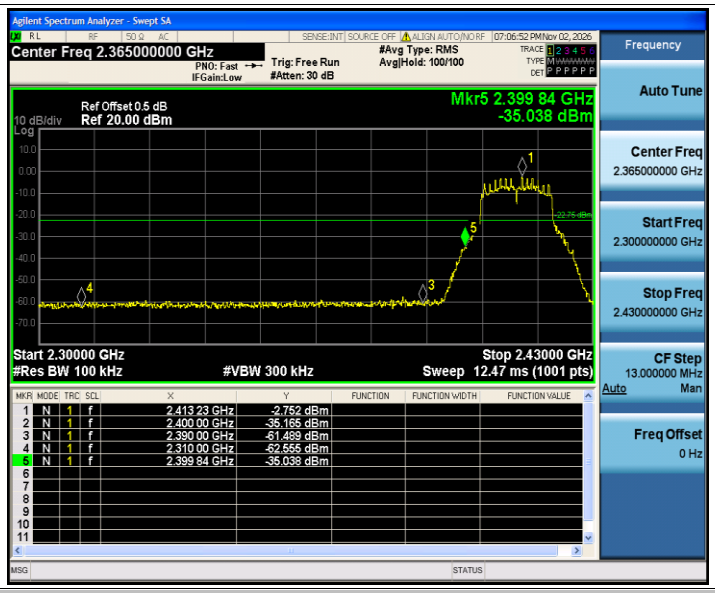
Appendix E: Band edge measurements

Test Result

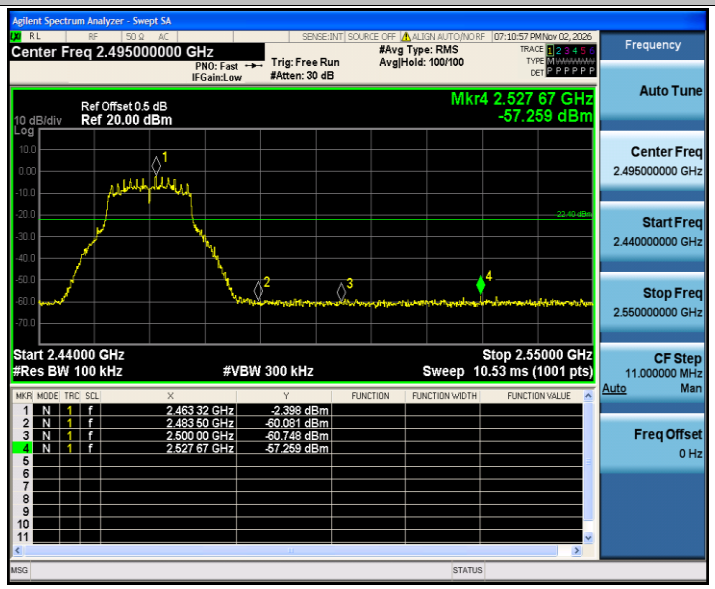
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.06	-49.75	≤-16.94	PASS
		High	2462	3.34	-51.79	≤-16.66	PASS
11G	Ant1	Low	2412	-2.75	-35.04	≤-22.75	PASS
		High	2462	-2.40	-57.26	≤-22.4	PASS
11N20SISO	Ant1	Low	2412	-2.80	-34.15	≤-22.8	PASS
		High	2462	-2.46	-57.51	≤-22.46	PASS

Test Graphs

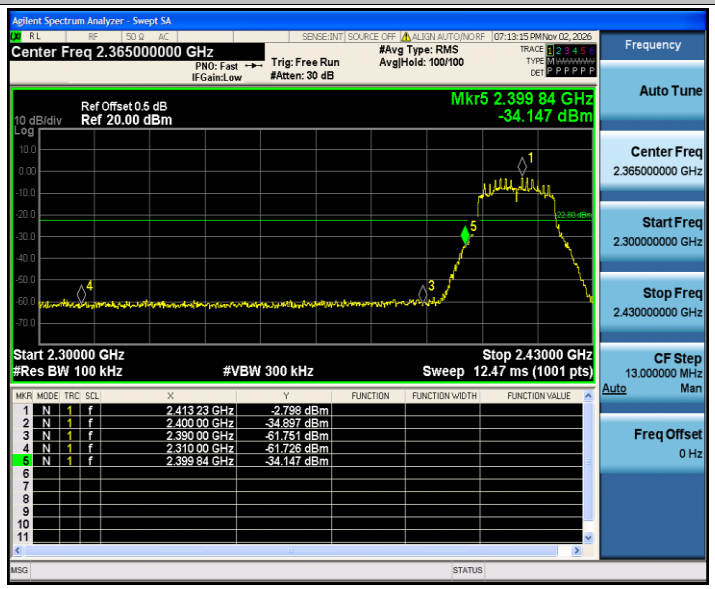
11B_Ant1_Low_2412

11B_Ant1_High_2462

11G_Ant1_Low_2412

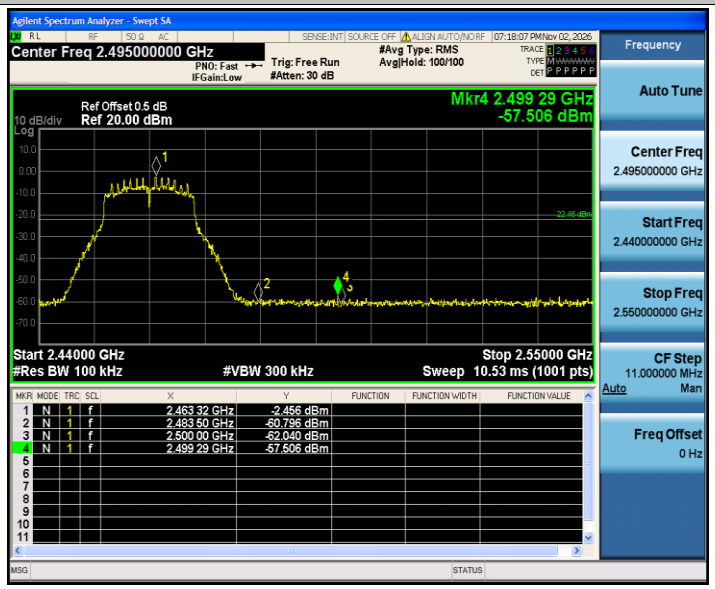


11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462


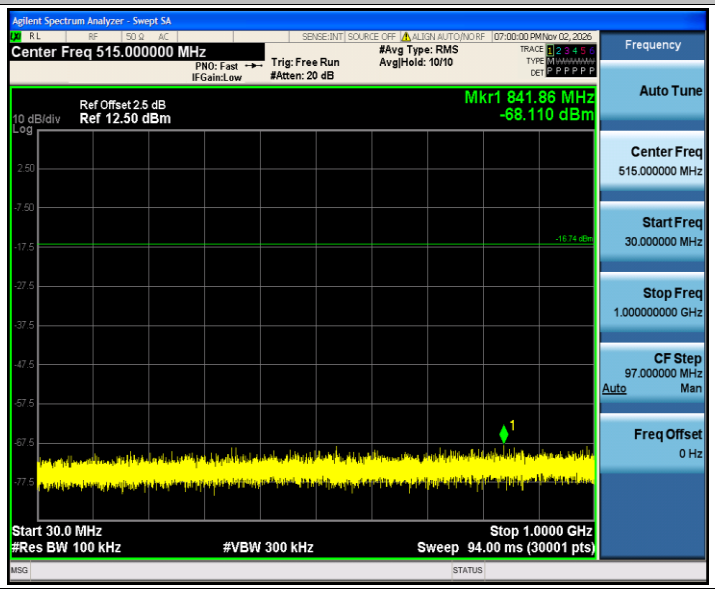
Appendix F: Conducted Spurious Emission

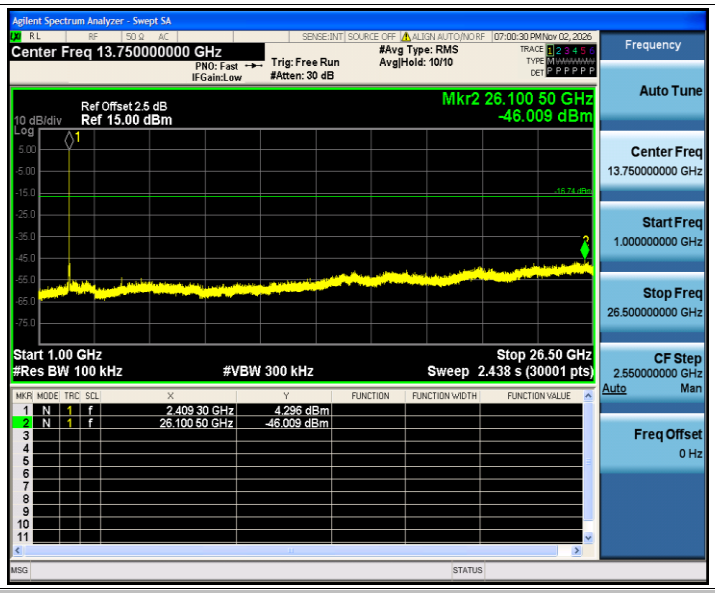
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.26	3.26	---	PASS
			30~1000	3.26	-68.11	≤-16.74	PASS
			1000~26500	3.26	-46.01	≤-16.74	PASS
		2437	Reference	3.10	3.10	---	PASS
			30~1000	3.10	-68.14	≤-16.9	PASS
			1000~26500	3.10	-46.54	≤-16.9	PASS
		2462	Reference	2.77	2.77	---	PASS
			30~1000	2.77	-68.5	≤-17.23	PASS
			1000~26500	2.77	-46.48	≤-17.23	PASS
11G	Ant1	2412	Reference	-3.22	-3.22	---	PASS
			30~1000	-3.22	-67.44	≤-23.22	PASS
			1000~26500	-3.22	-45.99	≤-23.22	PASS
		2437	Reference	-3.37	-3.37	---	PASS
			30~1000	-3.37	-68.69	≤-23.37	PASS
			1000~26500	-3.37	-46.63	≤-23.37	PASS
		2462	Reference	-3.51	-3.51	---	PASS
			30~1000	-3.51	-68.53	≤-23.51	PASS
			1000~26500	-3.51	-46.8	≤-23.51	PASS
11N20SISO	Ant1	2412	Reference	-2.96	-2.96	---	PASS
			30~1000	-2.96	-68.35	≤-22.96	PASS
			1000~26500	-2.96	-46.66	≤-22.96	PASS
		2437	Reference	-3.54	-3.54	---	PASS
			30~1000	-3.54	-67.94	≤-23.54	PASS
			1000~26500	-3.54	-46.28	≤-23.54	PASS
		2462	Reference	-4.84	-4.84	---	PASS
			30~1000	-4.84	-67.62	≤-24.84	PASS
			1000~26500	-4.84	-46.37	≤-24.84	PASS

Test Graphs

11B_Ant1_2412_0~Reference

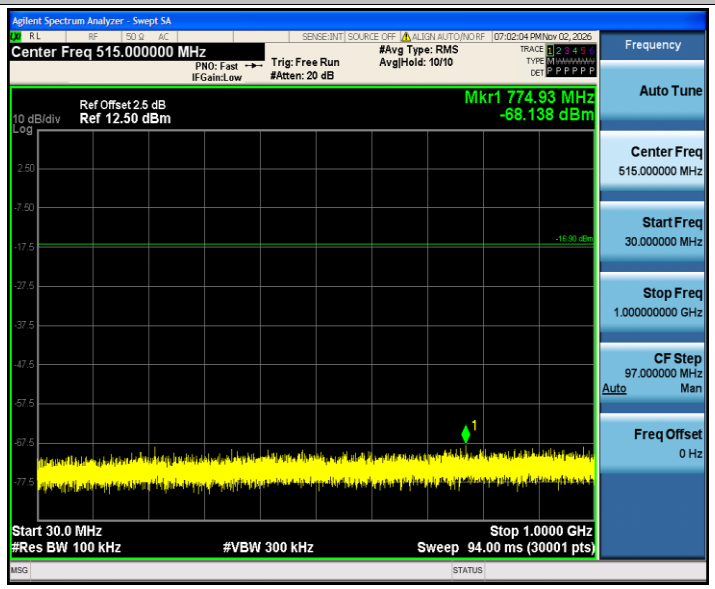
11B_Ant1_2412_30~1000

11B_Ant1_2412_1000~26500

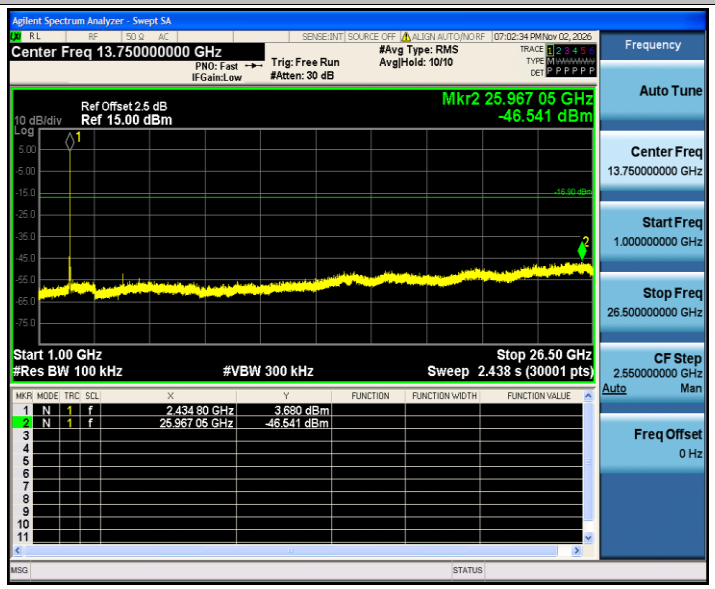


11B_Ant1_2437_0~Reference

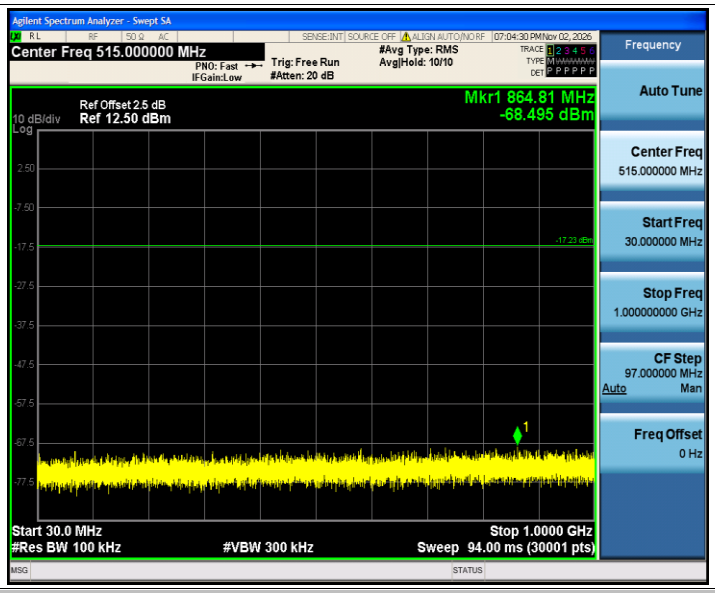


11B_Ant1_2437_30~1000

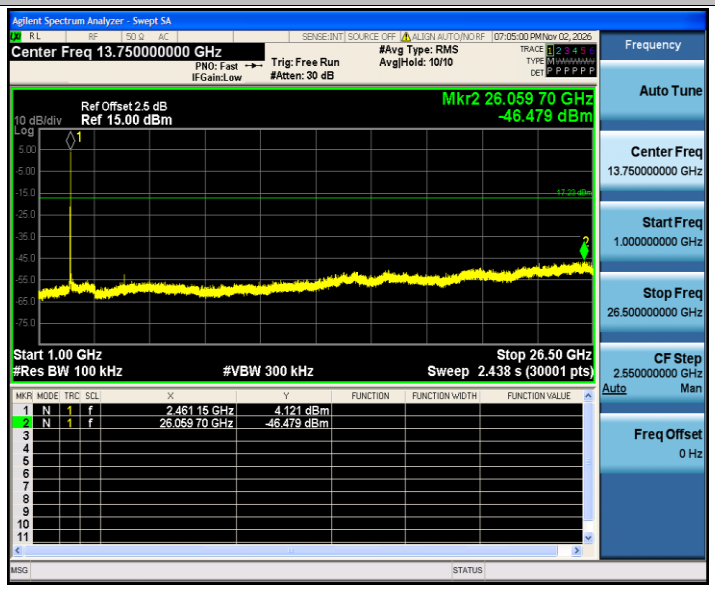


11B_Ant1_2437_1000~26500

11B_Ant1_2462_0~Reference

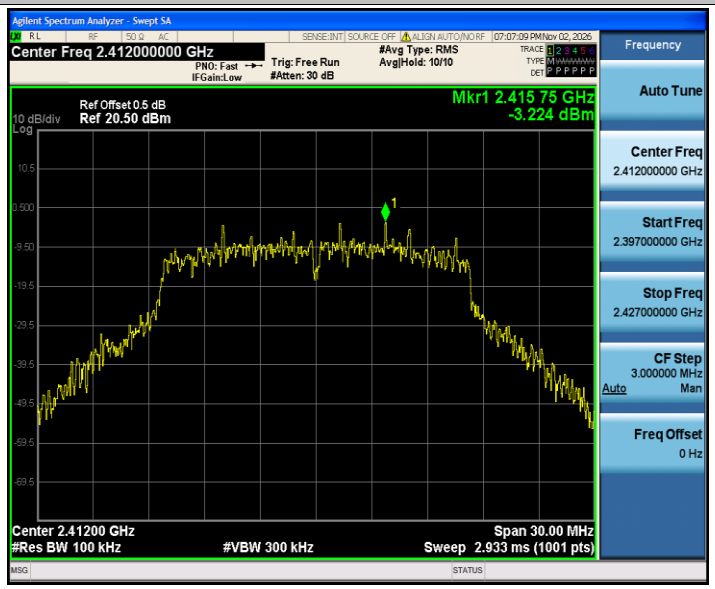
11B_Ant1_2462_30~1000

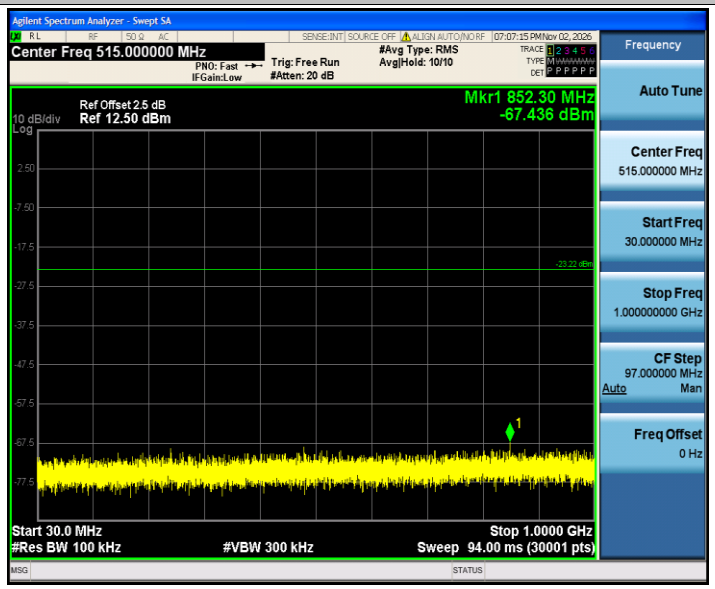
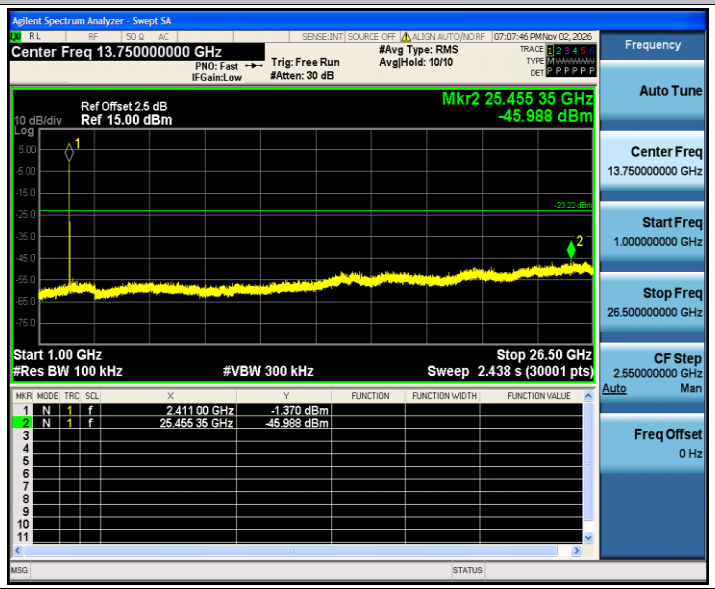


11B_Ant1_2462_1000~26500



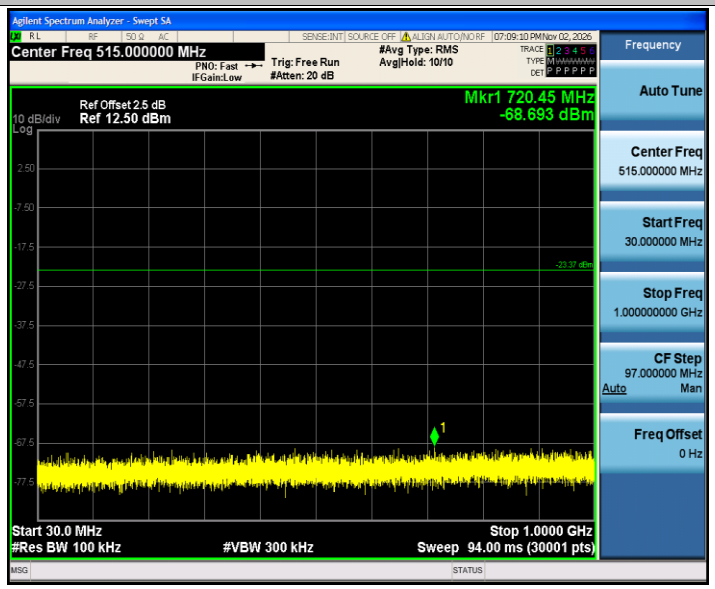
11G_Ant1_2412_0~Reference



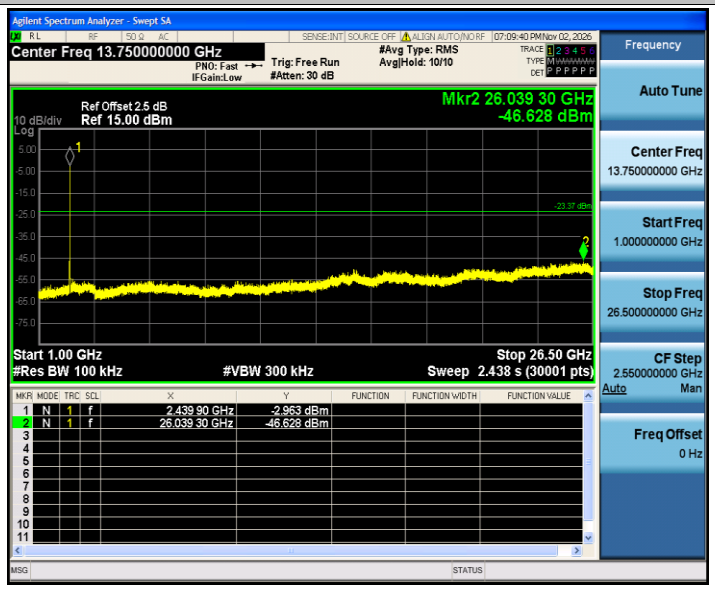
11G_Ant1_2412_30~1000

11G_Ant1_2412_1000~26500

11G_Ant1_2437_0~Reference

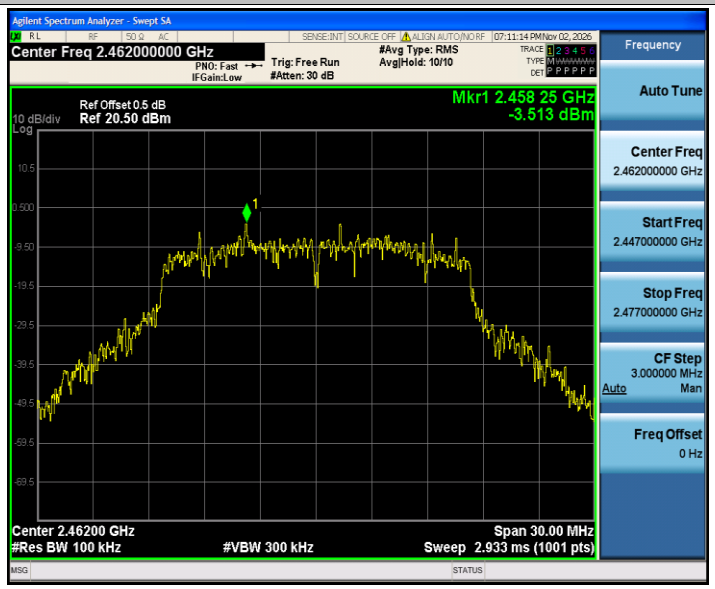
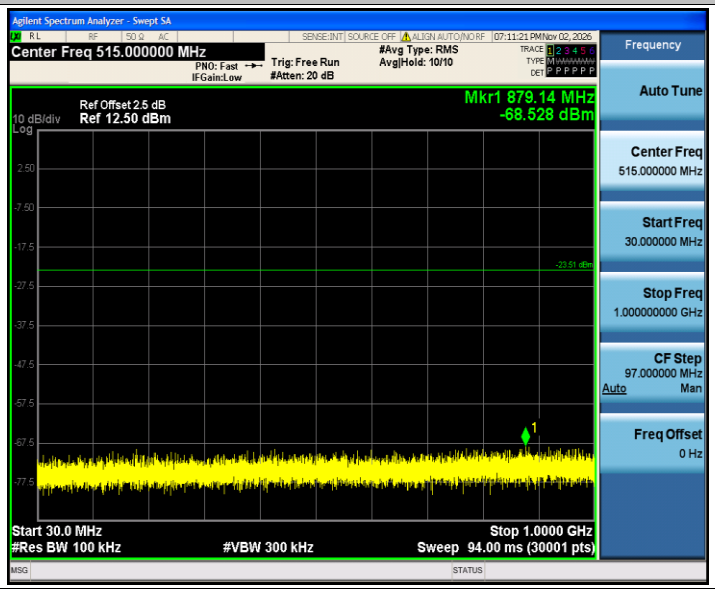


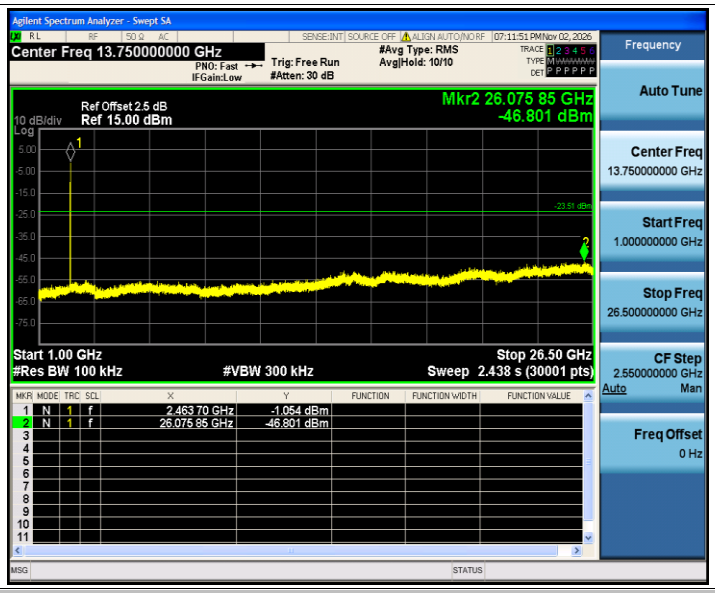
11G_Ant1_2437_30~1000



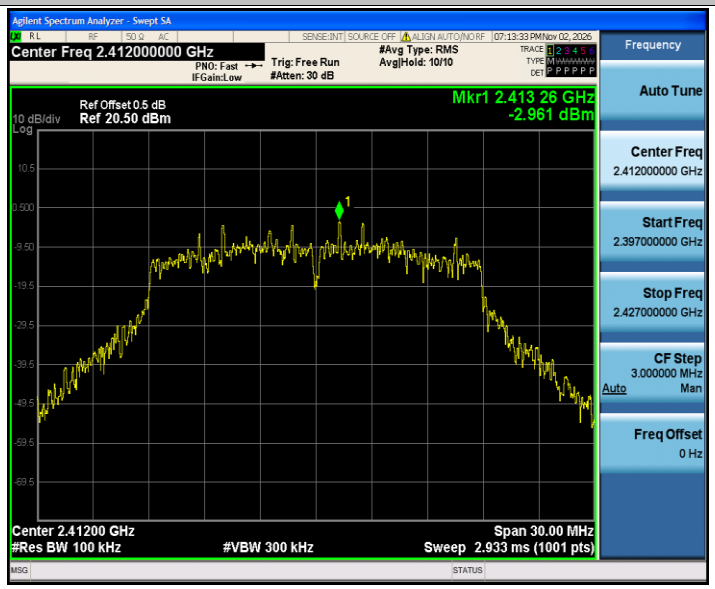
11G_Ant1_2437_1000~26500



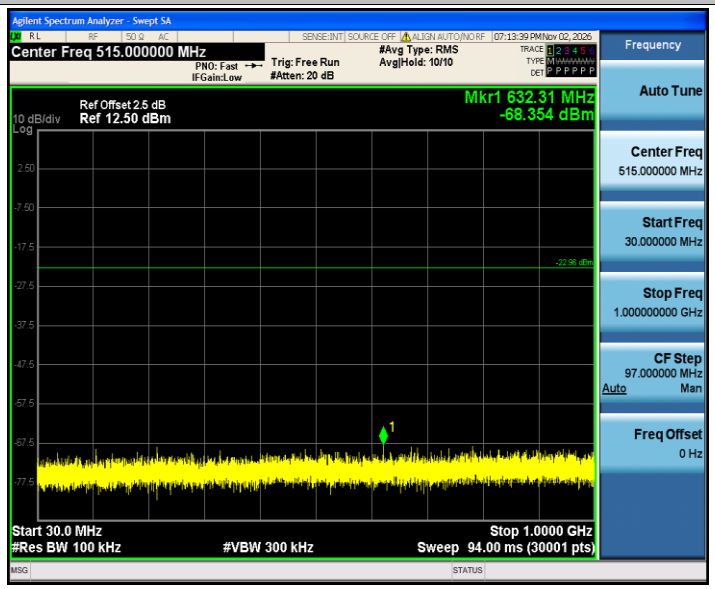
11G_Ant1_2462_0~Reference

11G_Ant1_2462_30~1000

11G_Ant1_2462_1000~26500

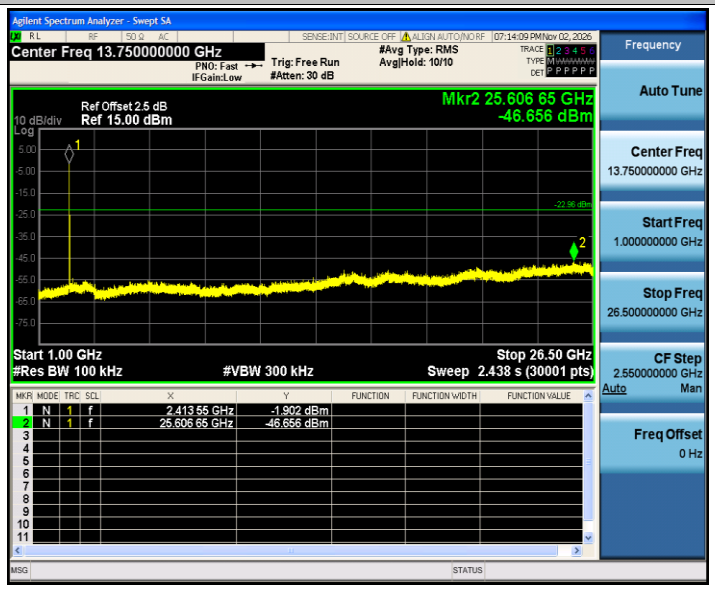
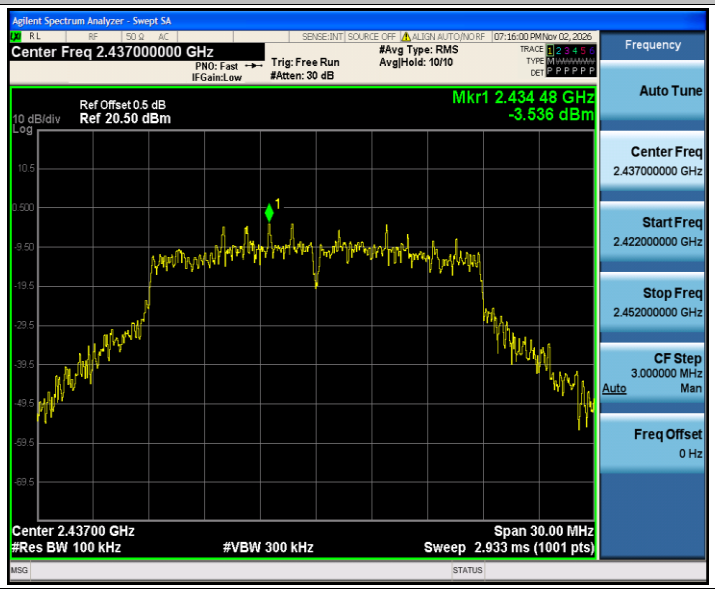


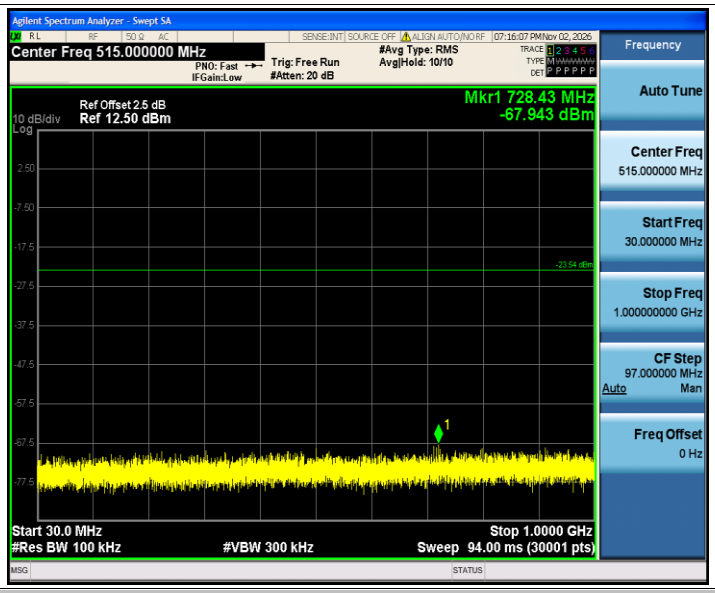
11N20SISO_Ant1_2412_0~Reference



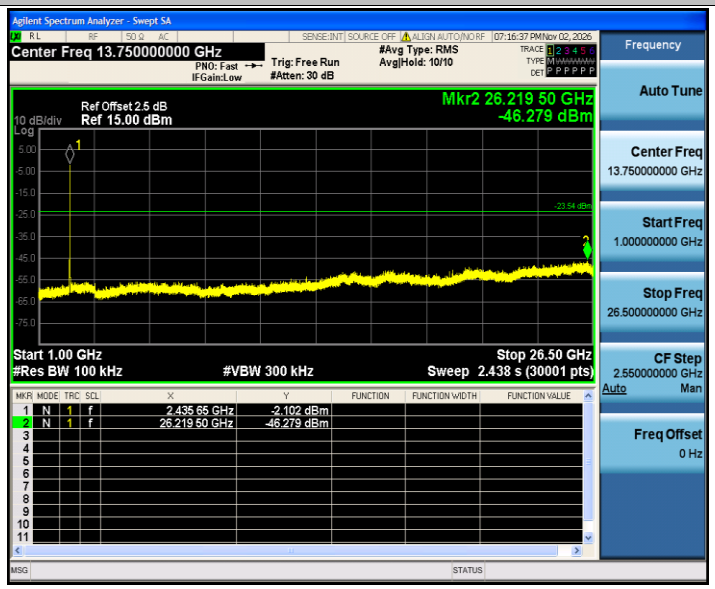
11N20SISO_Ant1_2412_30~1000



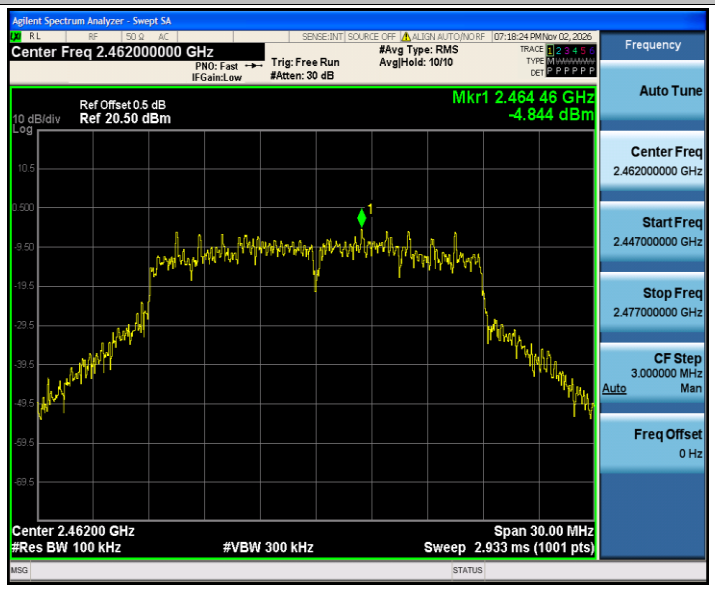
11N20SISO_Ant1_2412_1000~26500

11N20SISO_Ant1_2437_0~Reference

11N20SISO_Ant1_2437_30~1000

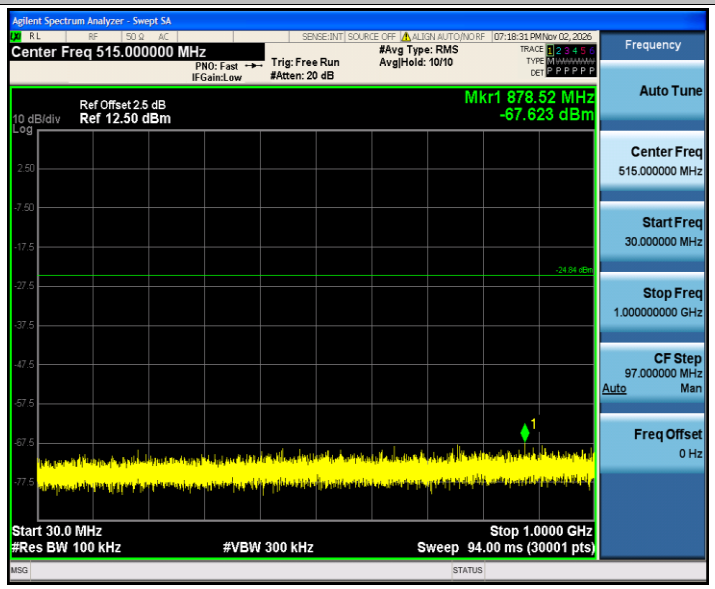


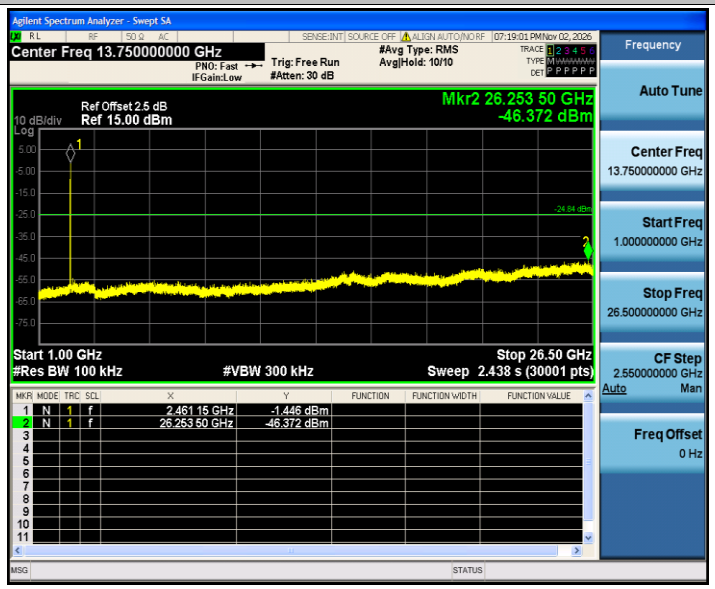
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000


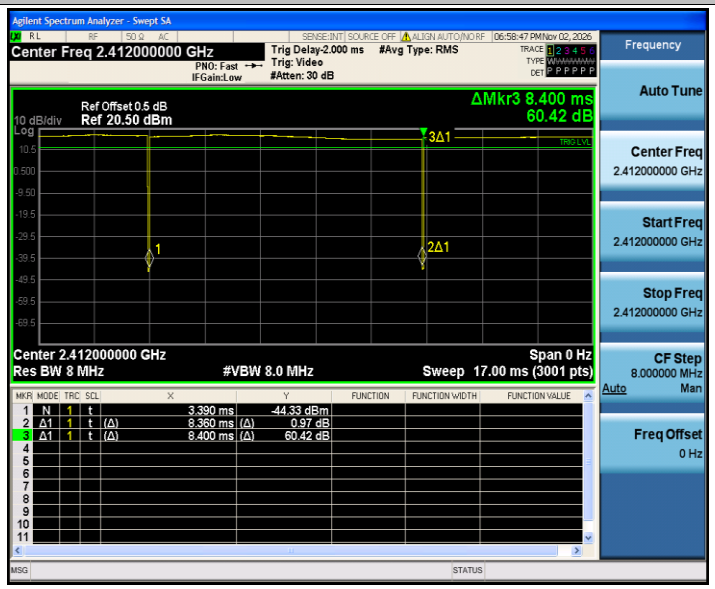
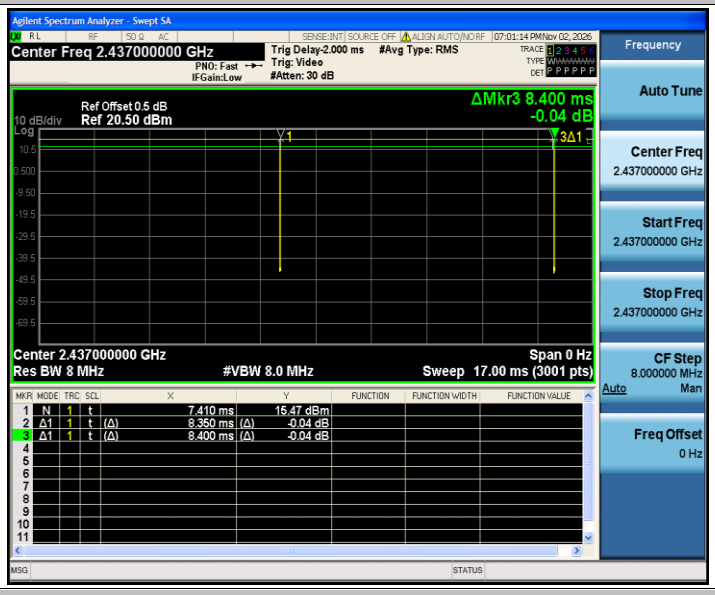
11N20SISO_Ant1_2462_1000~26500


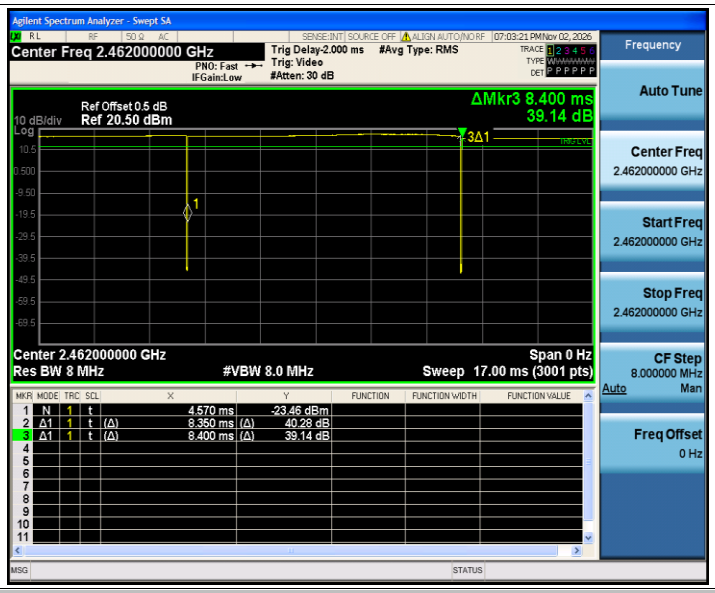
Appendix G: Duty Cycle

Test Result

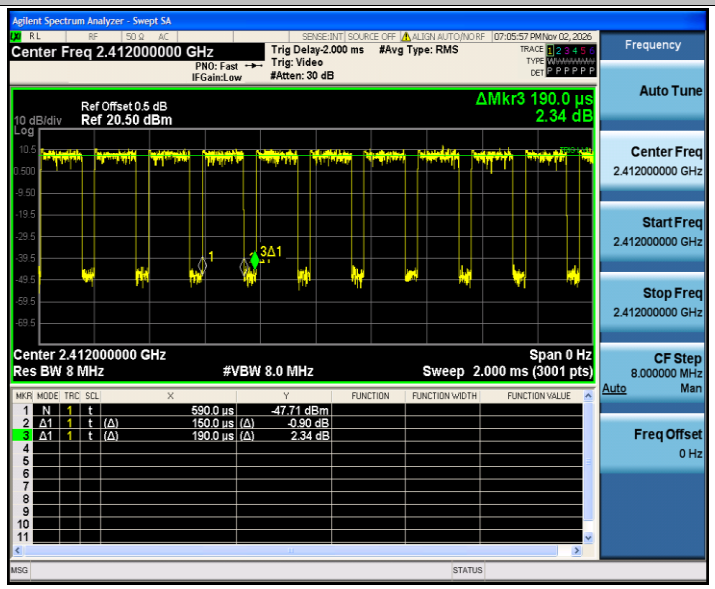
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dB]	T Factor [dB]
11B	Ant1	2412	8.36	8.40	99.52	0.02	0.12
		2437	8.35	8.40	99.40	0.03	0.12
		2462	8.35	8.40	99.40	0.03	0.12
11G	Ant1	2412	0.15	0.19	78.95	1.03	6.67
		2437	0.14	0.19	73.68	1.33	7.14
		2462	0.15	0.19	78.95	1.03	6.67
11N20SISO	Ant1	2412	0.17	0.22	77.27	1.12	5.88
		2437	0.18	0.23	78.26	1.06	5.56
		2462	0.18	0.22	81.82	0.87	5.56

Test Graphs

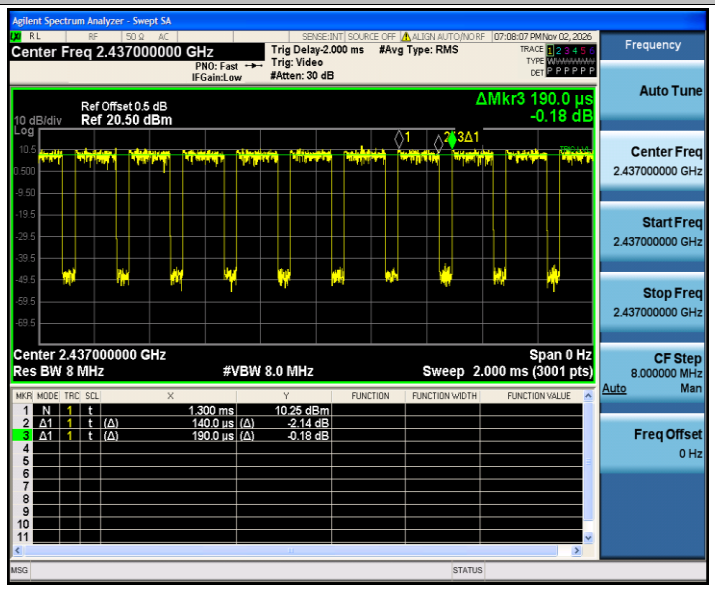
11B_Ant1_2412

11B_Ant1_2437

11B_Ant1_2462

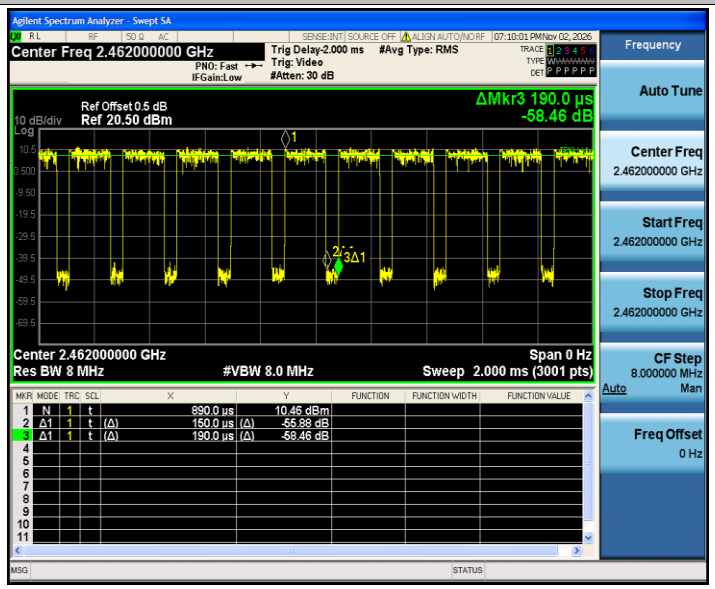
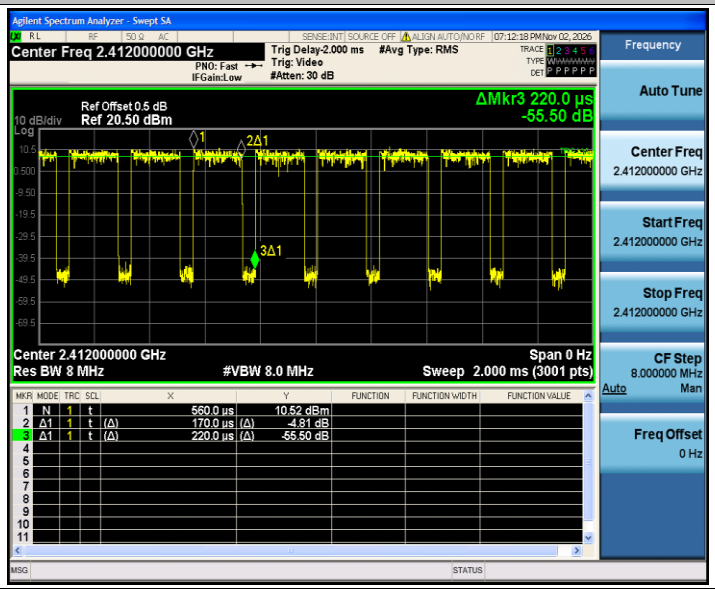


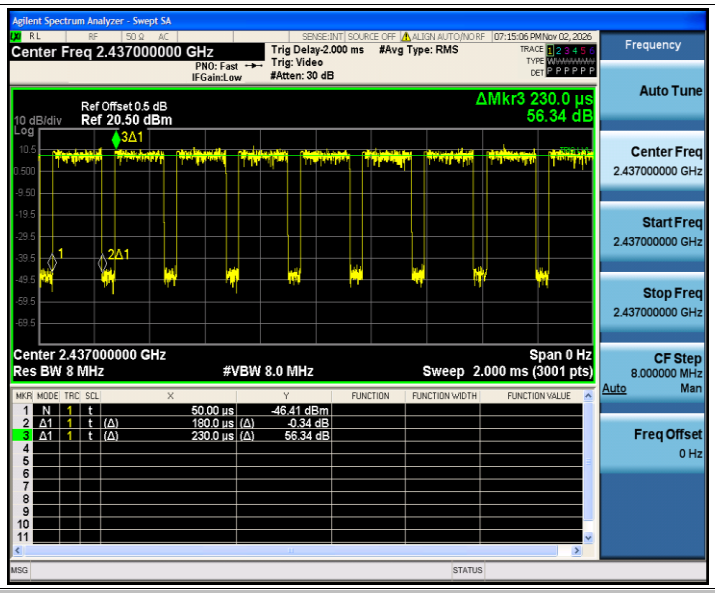
11G_Ant1_2412



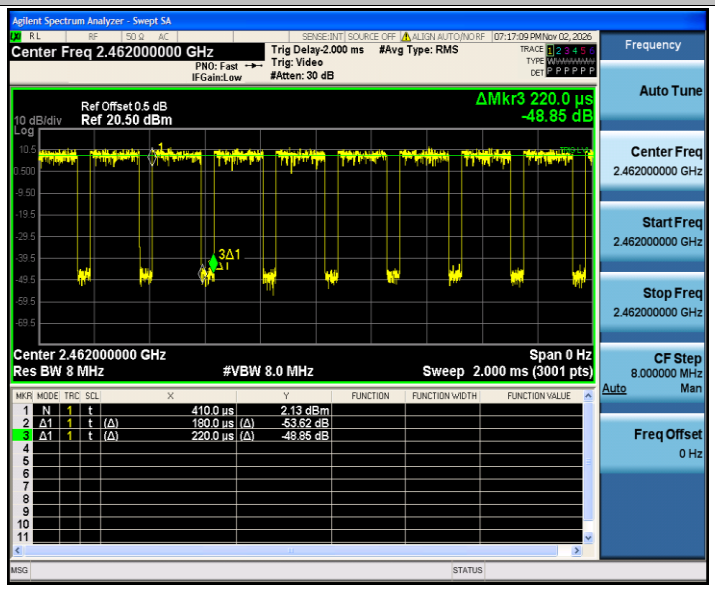
11G_Ant1_2437



11G_Ant1_2462

11N20SISO_Ant1_2412

11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix H: Emissions in Restricted Bands

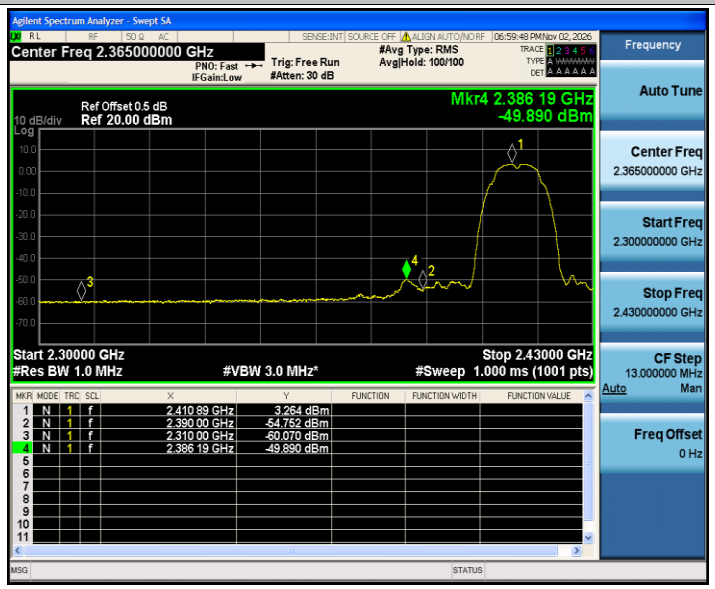
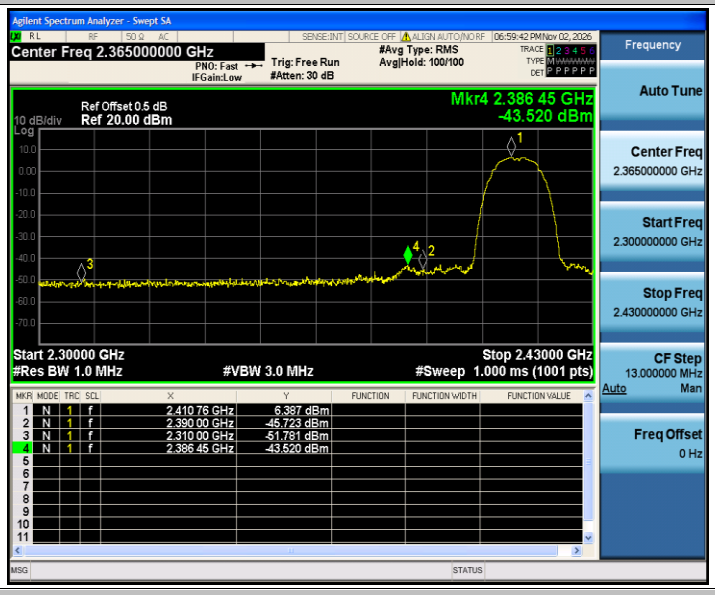
Test Result

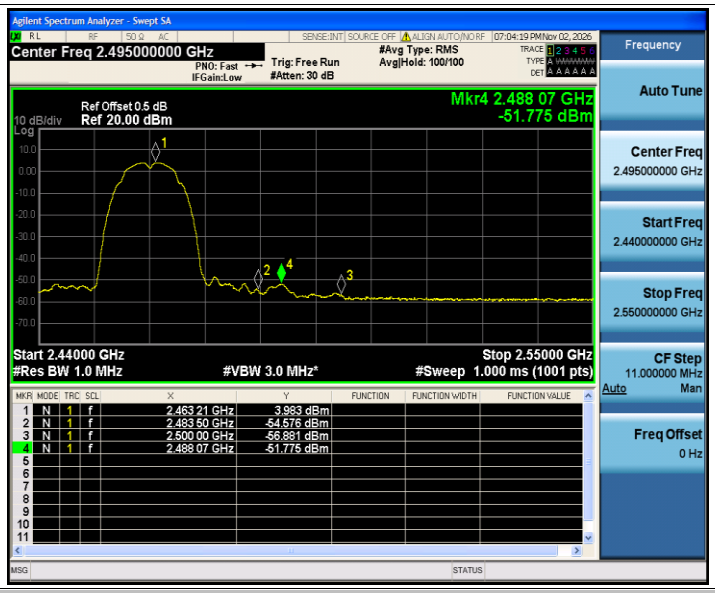
TestMode	Antenna	ChName	Frequency[MHz]	Detector	Freq [MHz]	Result [dBm]	Gain [dB]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-60.07	2.33	0.02	37.48	≤54	PASS
				AV	2386.190	-49.89	2.33	0.02	47.66	≤54	PASS
				AV	2390.000	-54.75	2.33	0.02	42.8	≤54	PASS
				Peak	2310.000	-51.78	2.33	0.00	45.75	≤74	PASS
				Peak	2386.450	-43.52	2.33	0.00	54.01	≤74	PASS
				Peak	2390.000	-45.72	2.33	0.00	51.81	≤74	PASS
		High	2462	AV	2483.500	-54.58	2.33	0.03	42.98	≤54	PASS
				AV	2488.070	-51.78	2.33	0.03	45.78	≤54	PASS
				AV	2500.000	-56.88	2.33	0.03	40.68	≤54	PASS
				Peak	2483.500	-46.31	2.33	0.00	51.22	≤74	PASS
				Peak	2487.300	-44.6	2.33	0.00	52.93	≤74	PASS
				Peak	2500.000	-48.46	2.33	0.00	49.07	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-60.31	2.33	1.03	38.25	≤54	PASS
				AV	2378.650	-58.84	2.33	1.03	39.72	≤54	PASS
				AV	2390.000	-59.22	2.33	1.03	39.34	≤54	PASS
				Peak	2310.000	-51.85	2.33	0.00	45.68	≤74	PASS
				Peak	2381.510	-48.55	2.33	0.00	48.98	≤74	PASS
				Peak	2390.000	-50.57	2.33	0.00	46.96	≤74	PASS
		High	2462	AV	2483.500	-58.97	2.33	1.03	39.59	≤54	PASS
				AV	2485.210	-58.5	2.33	1.03	40.06	≤54	PASS
				AV	2500.000	-59.07	2.33	1.03	39.49	≤54	PASS
				Peak	2483.500	-48.38	2.33	0.00	49.15	≤74	PASS
				Peak	2491.040	-49.18	2.33	0.00	48.35	≤74	PASS
				Peak	2500.000	-51.09	2.33	0.00	46.44	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-60.64	2.33	1.12	38.01	≤54	PASS
				AV	2386.970	-58.34	2.33	1.12	40.31	≤54	PASS
				AV	2390.000	-59.03	2.33	1.12	39.62	≤54	PASS
				Peak	2310.000	-53.29	2.33	0.00	44.24	≤74	PASS
				Peak	2359.670	-49.26	2.33	0.00	48.27	≤74	PASS
				Peak	2390.000	-50.99	2.33	0.00	46.54	≤74	PASS
		High	2462	AV	2483.500	-59.12	2.33	0.87	39.28	≤54	PASS
				AV	2489.500	-58.46	2.33	0.87	39.94	≤54	PASS
				AV	2500.000	-59.21	2.33	0.87	39.19	≤54	PASS
				Peak	2483.500	-52.22	2.33	0.00	45.31	≤74	PASS
				Peak	2497.860	-48.43	2.33	0.00	49.1	≤74	PASS
				Peak	2500.000	-50.8	2.33	0.00	46.73	≤74	PASS

Note：

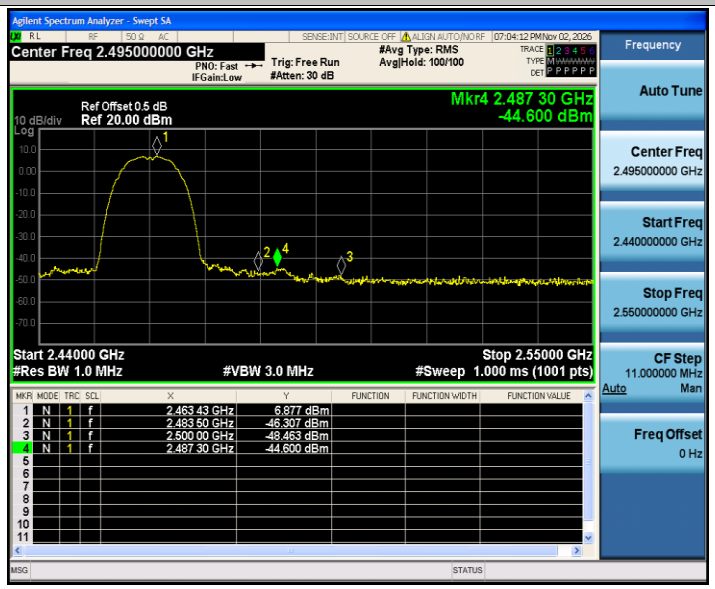
The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

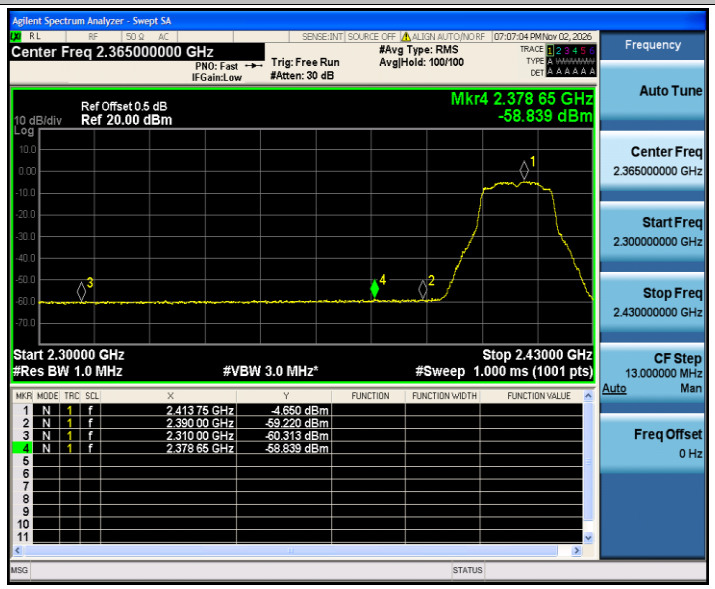
11B_Ant1_Low_2412_AV

11B_Ant1_Low_2412_Peak

11B_Ant1_High_2462_AV

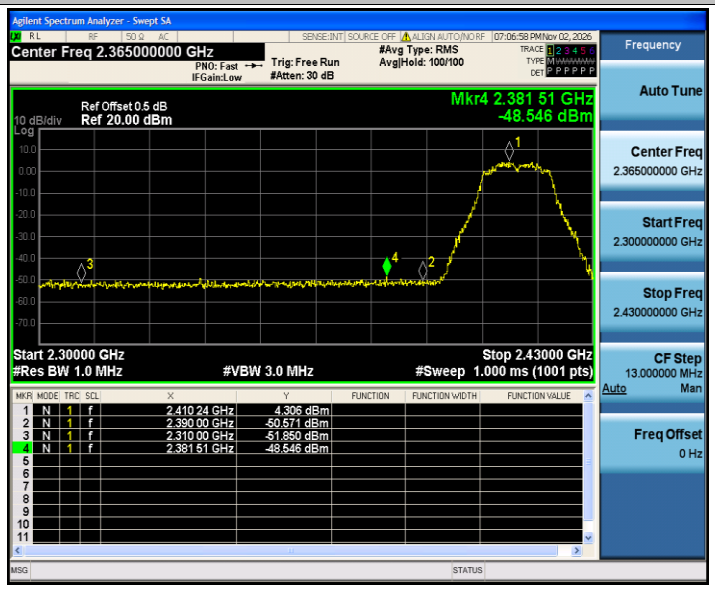
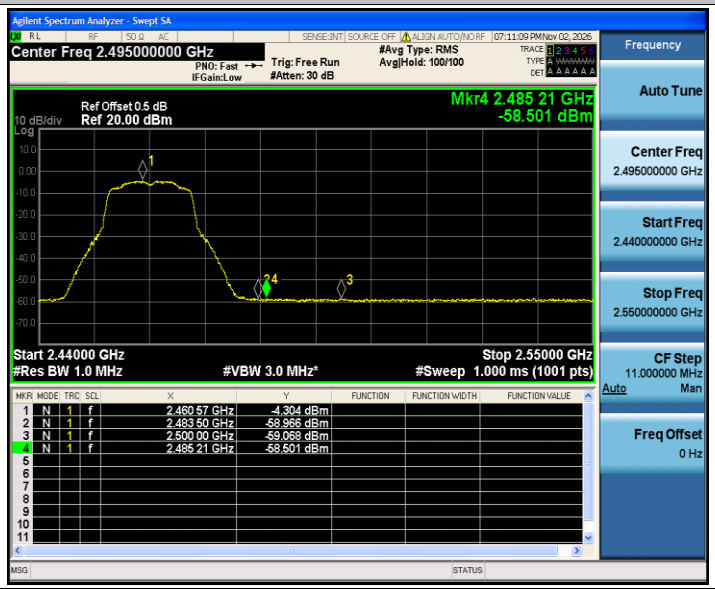


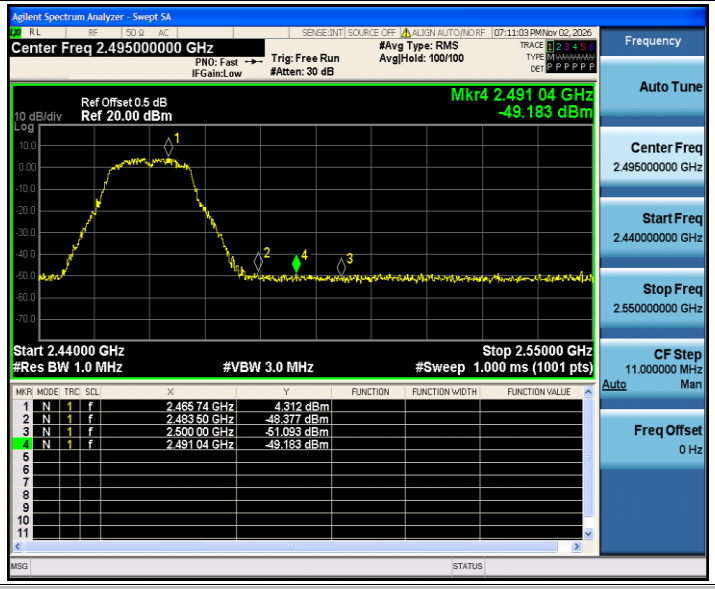
11B_Ant1_High_2462_Peak



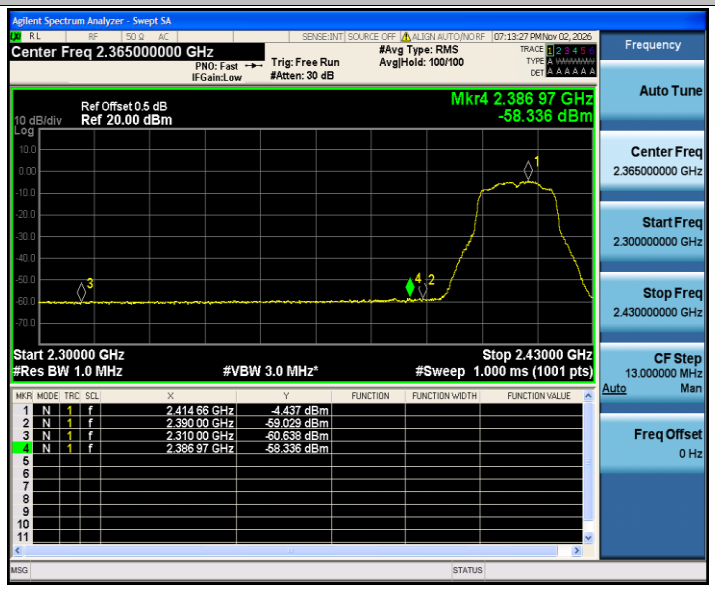
11G_Ant1_Low_2412_AV



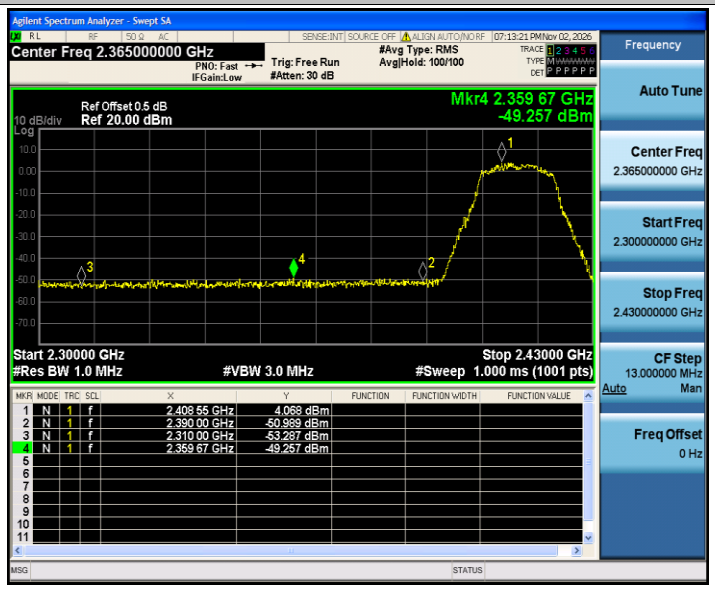
11G_Ant1_Low_2412_Peak

11G_Ant1_High_2462_AV

11G_Ant1_High_2462_Peak

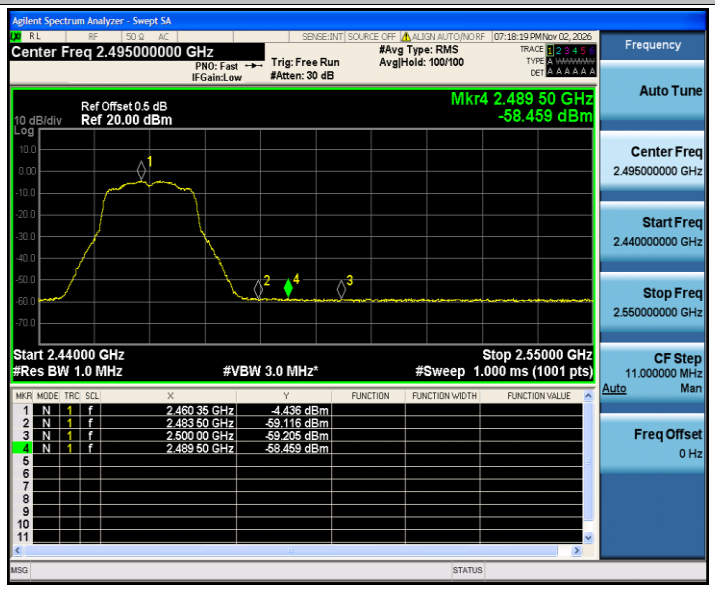


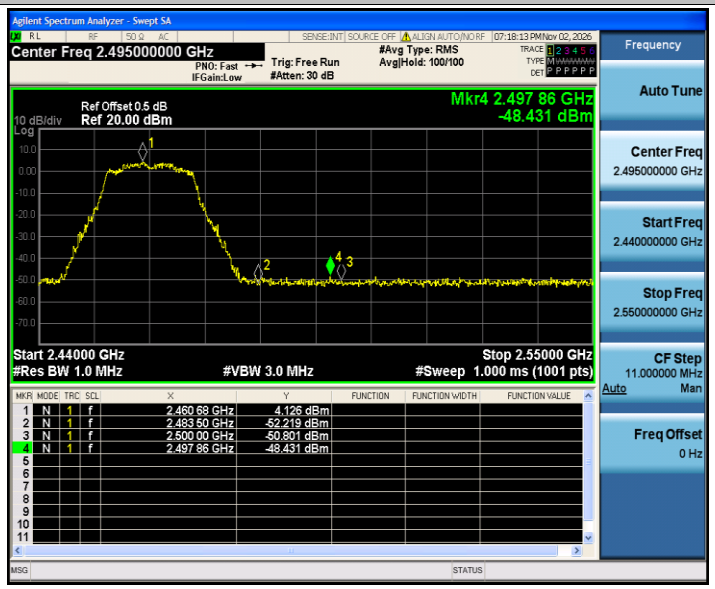
11N20SISO_Ant1_Low_2412_AV



11N20SISO_Ant1_Low_2412_Peak



11N20SISO_Ant1_High_2462_AV


11N20SISO_Ant1_High_2462_Peak


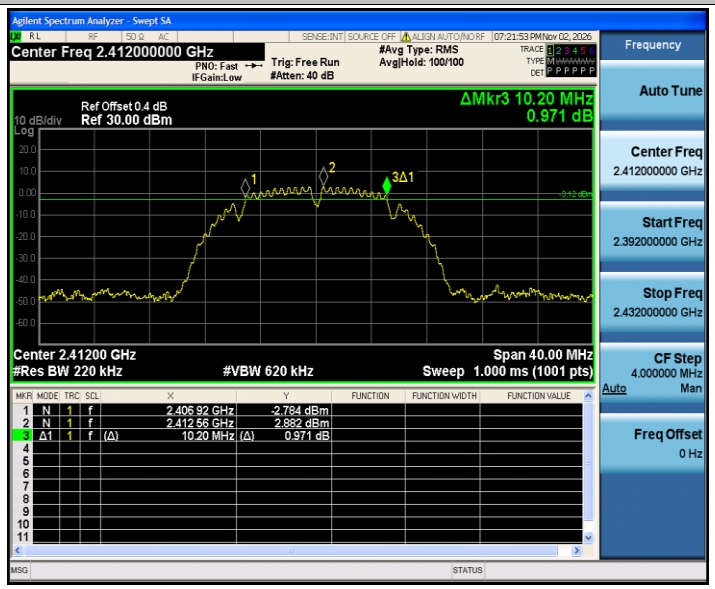
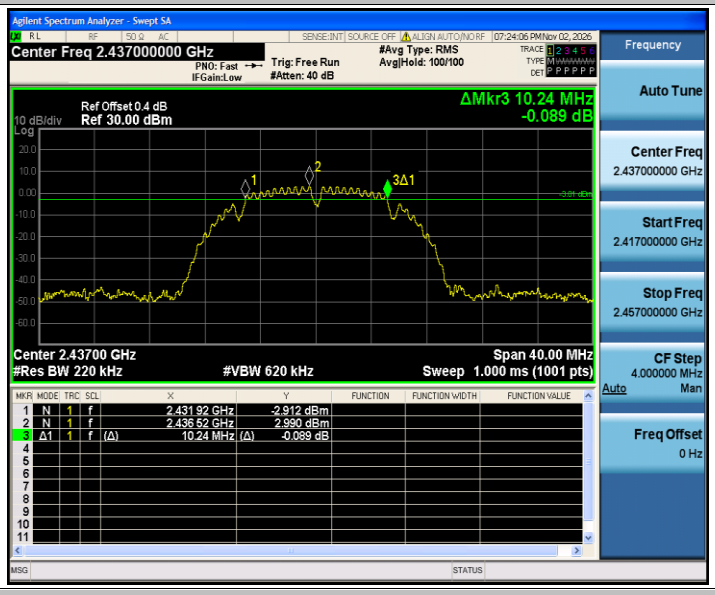
Appendix RF Test Data for 2.4GWIFI Antenna 2

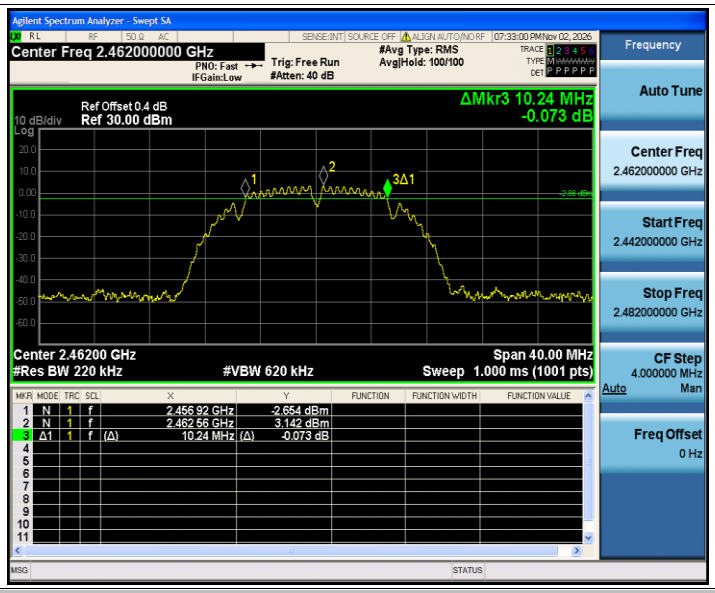
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	ANT2	2412	10.200	2406.920	2417.120	0.5	PASS
		2437	10.240	2431.920	2442.160	0.5	PASS
		2462	10.240	2456.920	2467.160	0.5	PASS
11G	ANT2	2412	15.760	2404.080	2419.840	0.5	PASS
		2437	15.680	2429.280	2444.960	0.5	PASS
		2462	15.640	2454.160	2469.800	0.5	PASS
11N20SISO	ANT2	2412	16.920	2403.480	2420.400	0.5	PASS
		2437	17.000	2428.440	2445.440	0.5	PASS
		2462	16.760	2453.600	2470.360	0.5	PASS

Test Graphs

11B_ANT2_2412

11B_ANT2_2437

11B_ANT2_2462

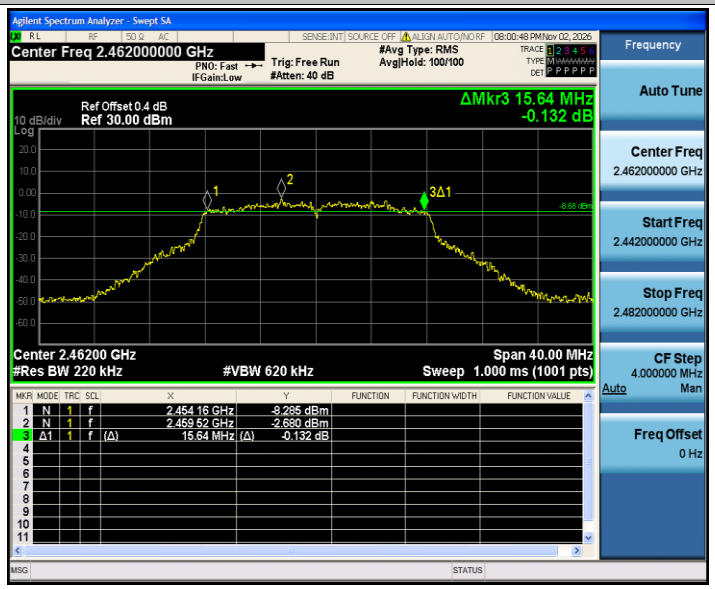


11G_ANT2_2412

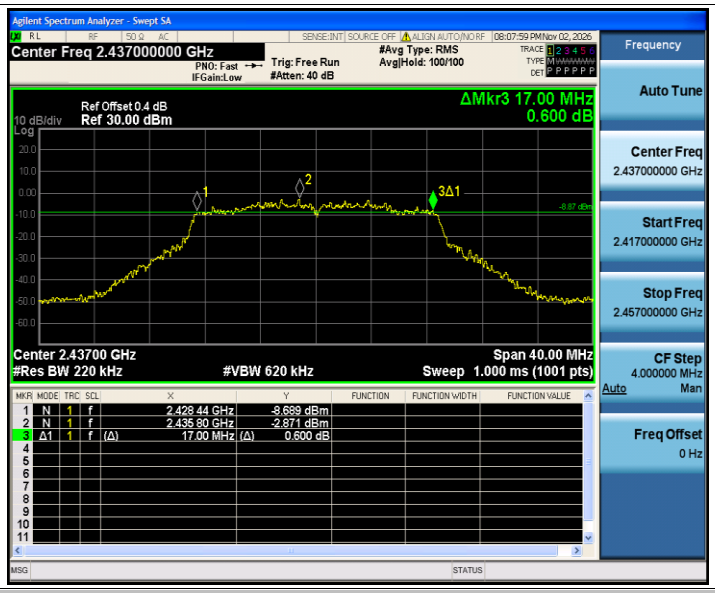


11G_ANT2_2437

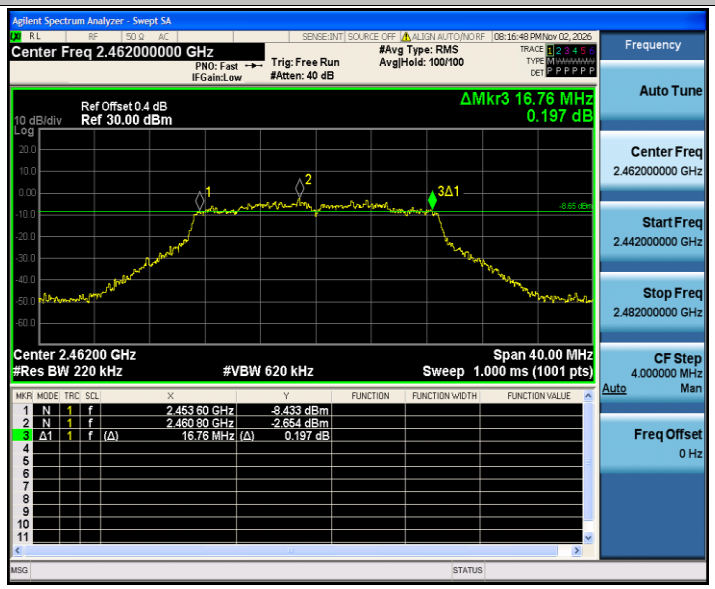


11G_ANT2_2462

11N20SISO_ANT2_2412

11N20SISO_ANT2_2437



11N20SISO_ANT2_2462

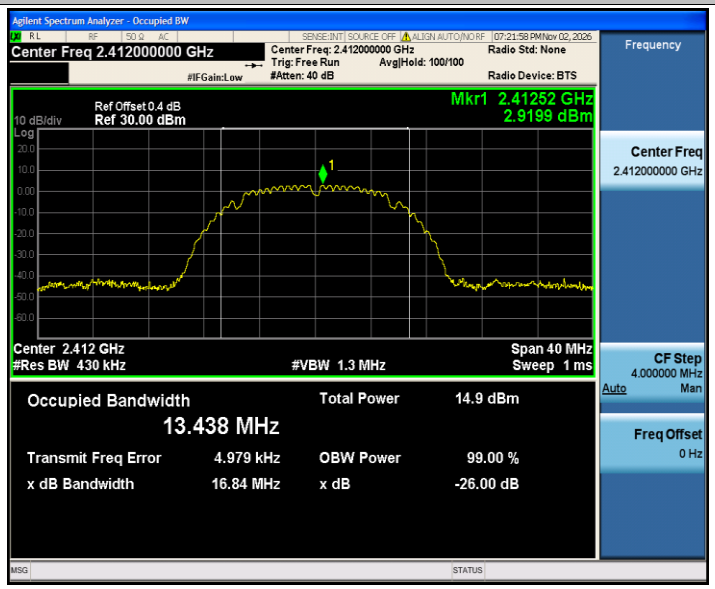
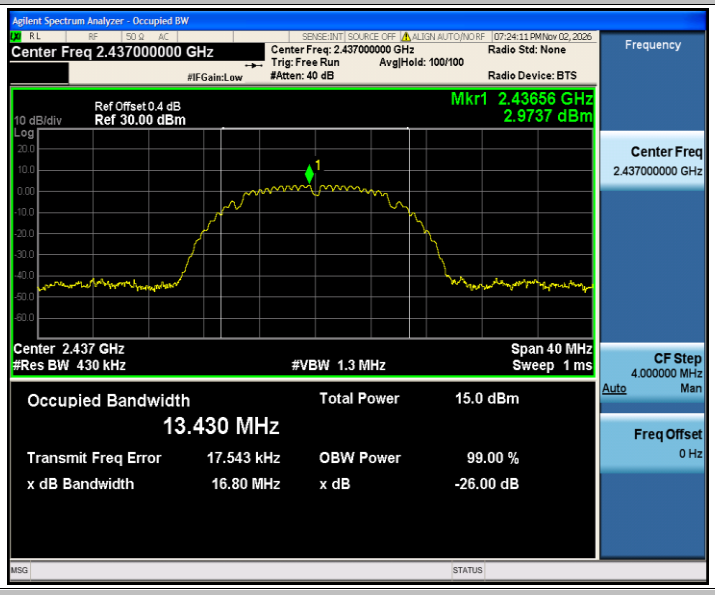


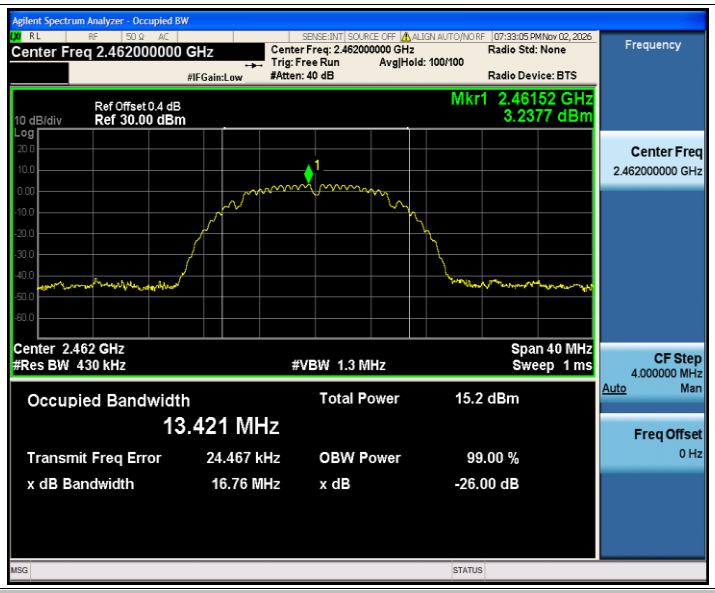
Appendix B: Occupied Channel Bandwidth

Test Result

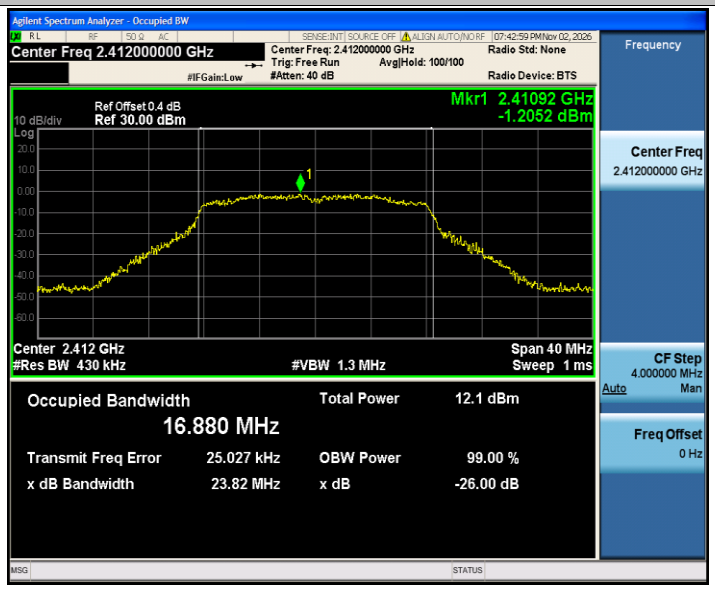
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	ANT2	2412	13.438	2405.2860	2418.7240	---	---
		2437	13.430	2430.3025	2443.7325	---	---
		2462	13.421	2455.3140	2468.7350	---	---
11G	ANT2	2412	16.880	2403.5850	2420.4650	---	---
		2437	16.929	2428.5530	2445.4820	---	---
		2462	16.877	2453.6072	2470.4842	---	---
11N20SISO	ANT2	2412	17.882	2403.0979	2420.9799	---	---
		2437	17.900	2428.0660	2445.9660	---	---
		2462	17.895	2453.0853	2470.9803	---	---

Test Graphs

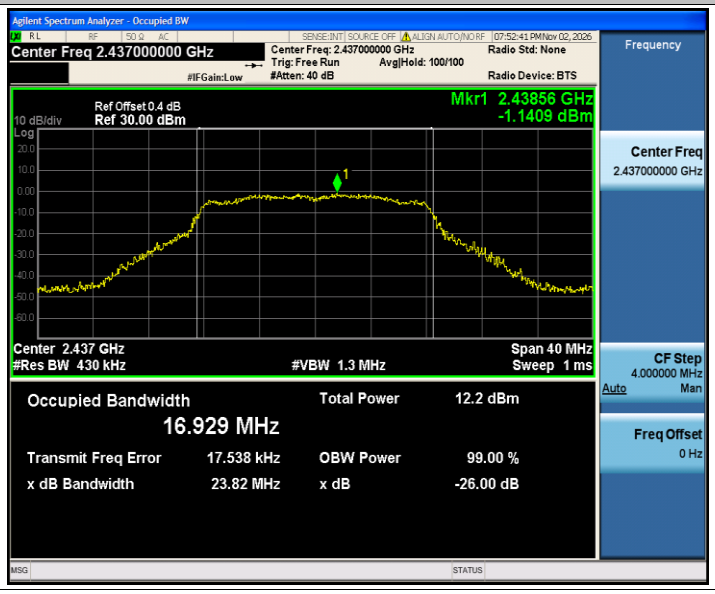
11B_ANT2_2412

11B_ANT2_2437

11B_ANT2_2462

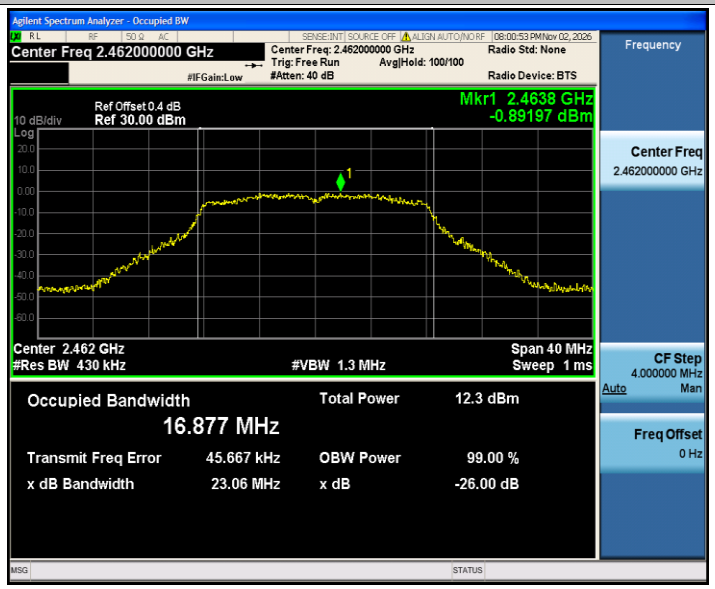
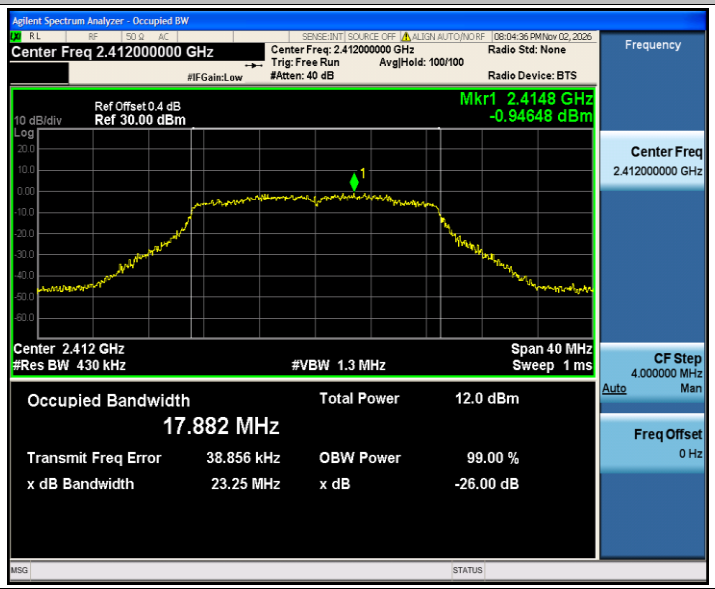


11G_ANT2_2412



11G_ANT2_2437



11G_ANT2_2462

11N20SISO_ANT2_2412

11N20SISO_ANT2_2437



11N20SISO_ANT2_2462



Appendix C: Maximum conducted output power

Test Result Peak

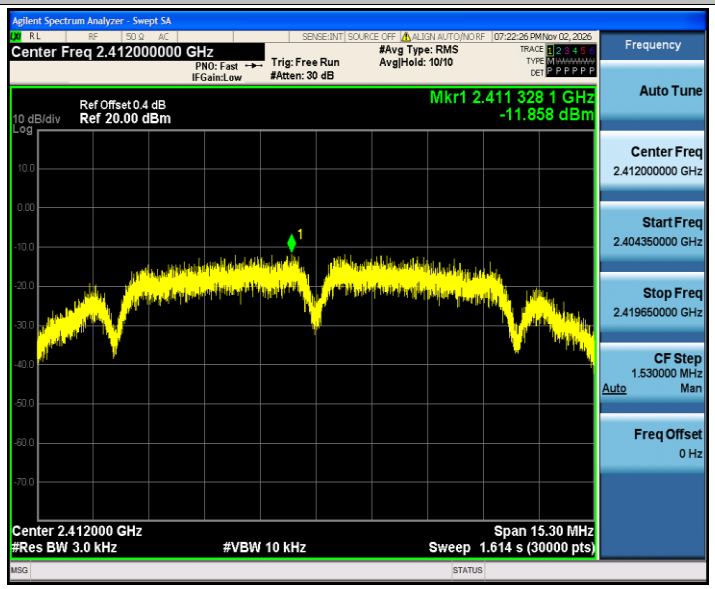
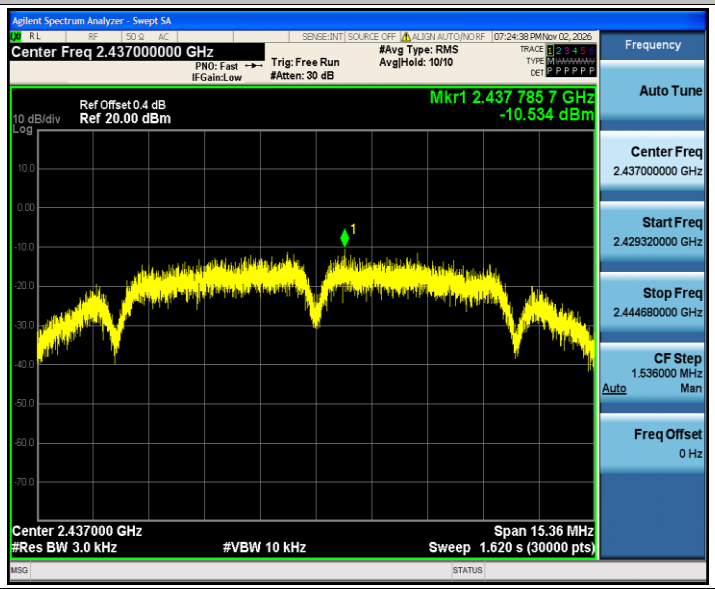
Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	ANT2	2412	14.58	≤30.00	PASS
		2437	14.69	≤30.00	PASS
		2462	14.82	≤30.00	PASS
11G	ANT2	2412	12.90	≤30.00	PASS
		2437	13.07	≤30.00	PASS
		2462	13.23	≤30.00	PASS
11N20SISO	ANT2	2412	12.88	≤30.00	PASS
		2437	12.98	≤30.00	PASS
		2462	13.14	≤30.00	PASS

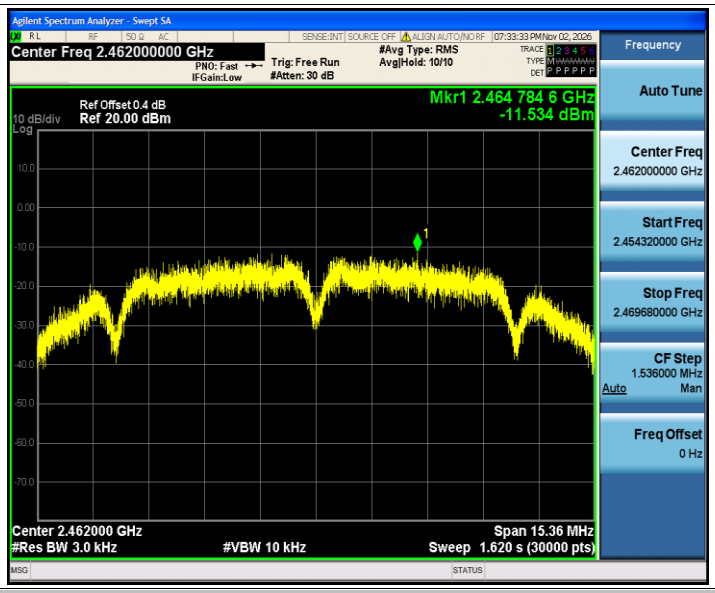
Appendix D: Maximum power spectral density

Test Result

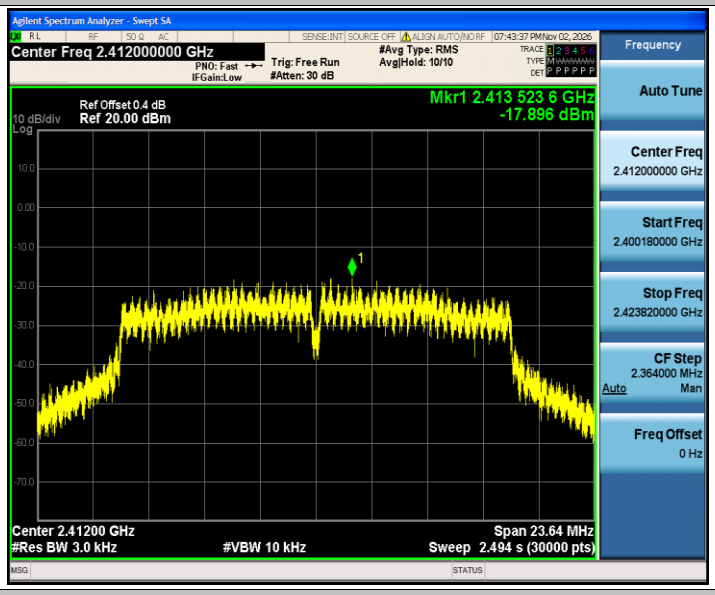
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	ANT2	2412	-11.86	≤8.00	PASS
		2437	-10.53	≤8.00	PASS
		2462	-11.53	≤8.00	PASS
11G	ANT2	2412	-17.90	≤8.00	PASS
		2437	-17.29	≤8.00	PASS
		2462	-18.23	≤8.00	PASS
11N20SISO	ANT2	2412	-18.12	≤8.00	PASS
		2437	-18.74	≤8.00	PASS
		2462	-17.72	≤8.00	PASS

Test Graphs

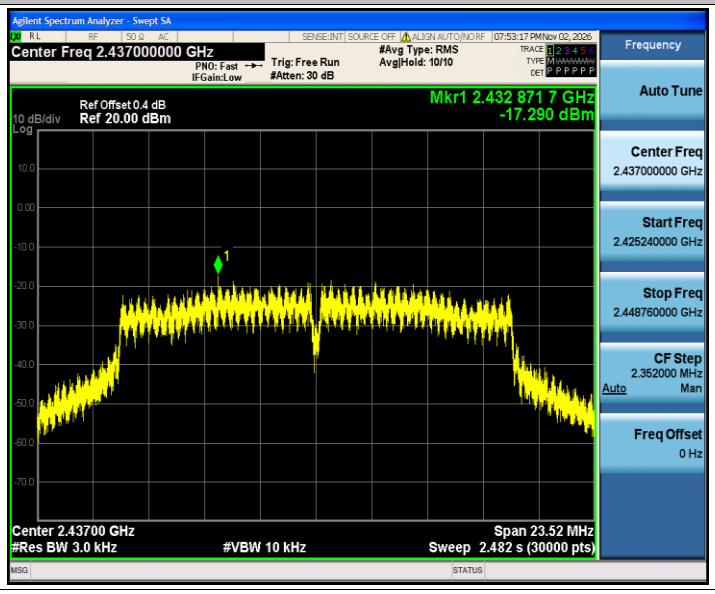
11B_ANT2_2412

11B_ANT2_2437

11B_ANT2_2462

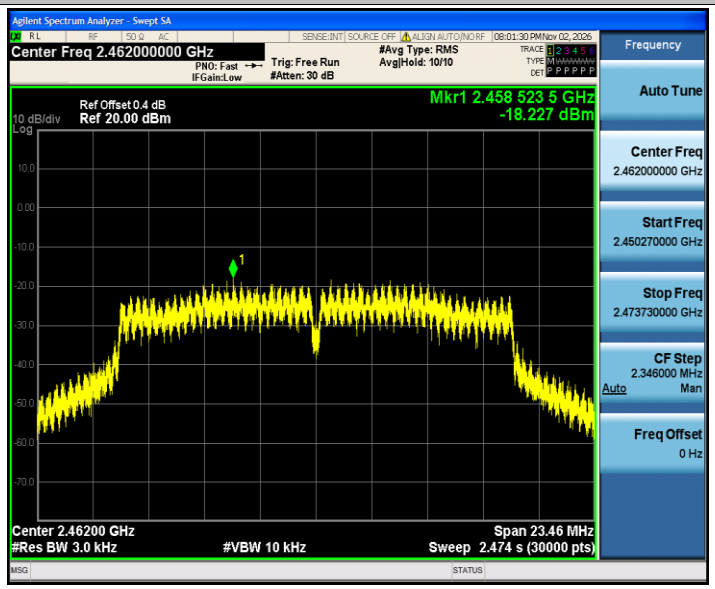
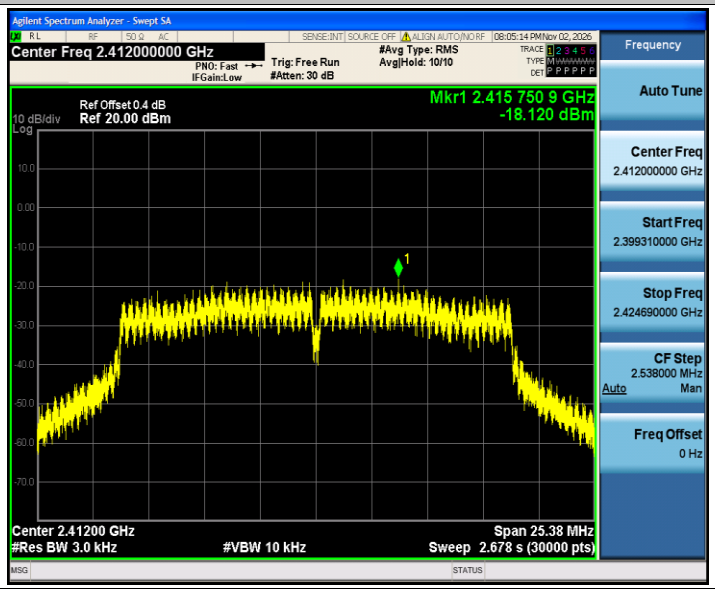


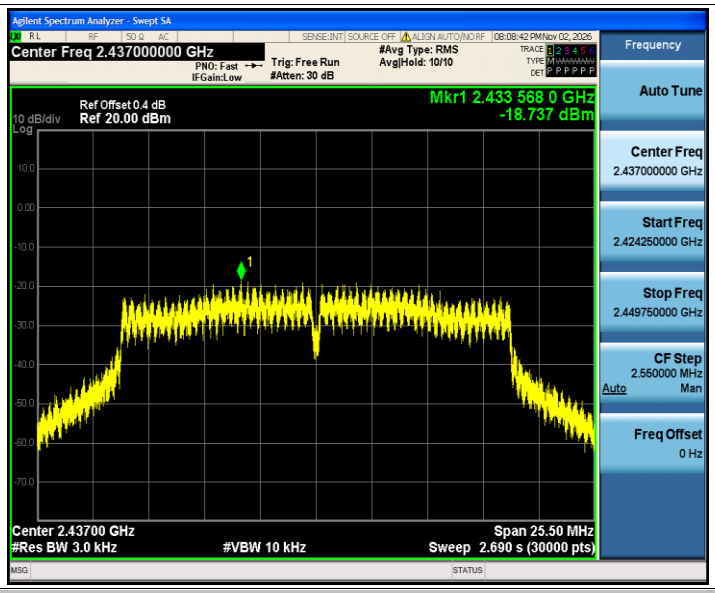
11G_ANT2_2412



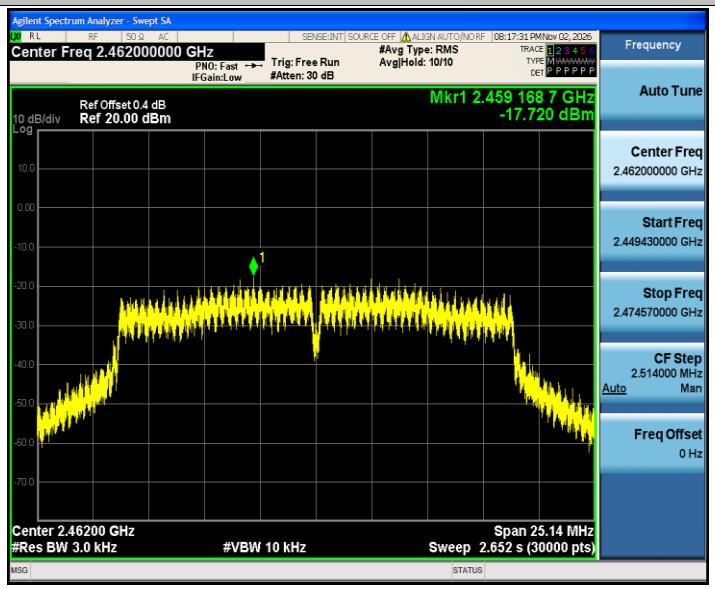
11G_ANT2_2437



11G_ANT2_2462

11N20SISO_ANT2_2412

11N20SISO_ANT2_2437



11N20SISO_ANT2_2462

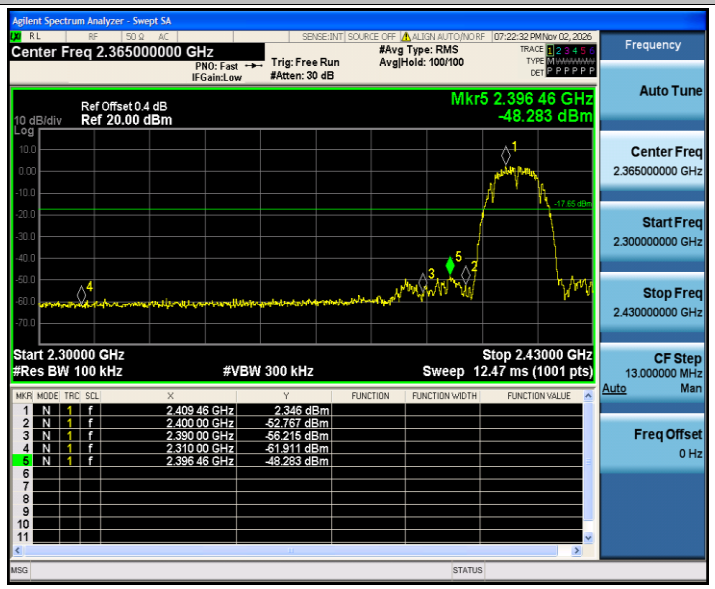
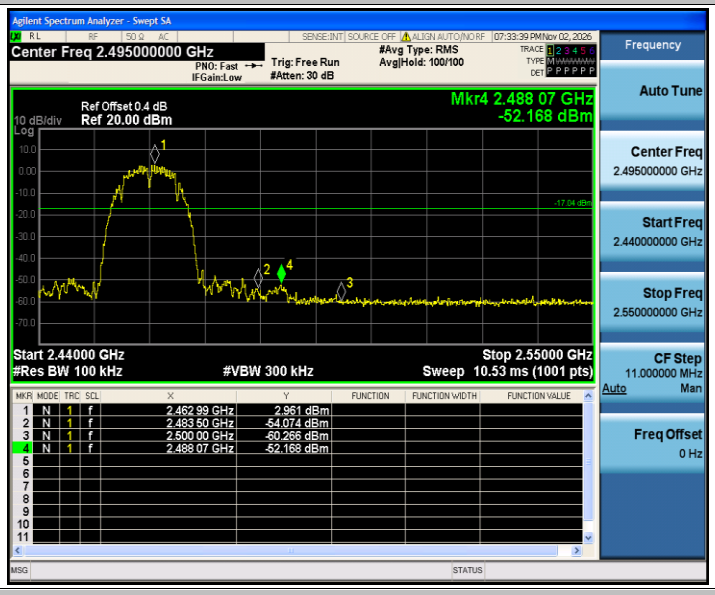


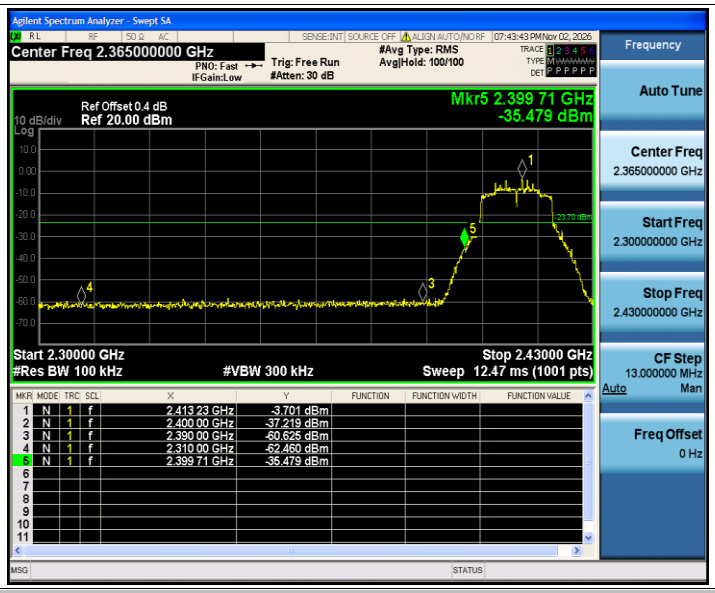
Appendix E: Band edge measurements

Test Result

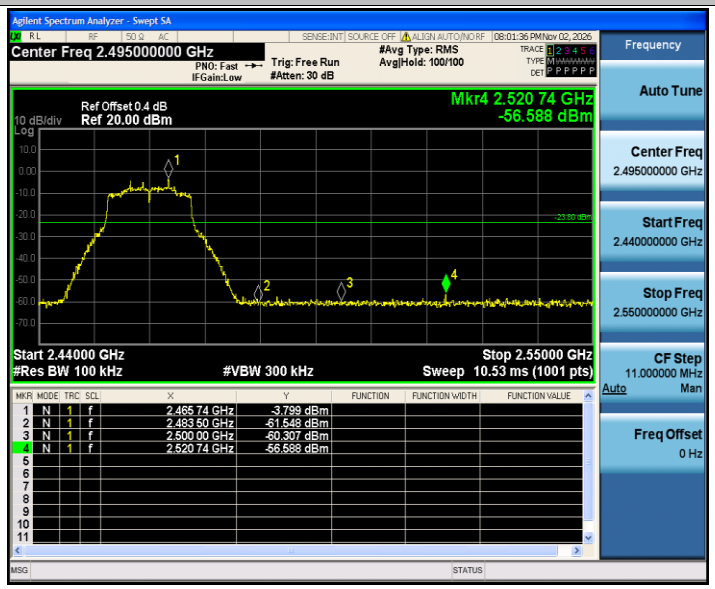
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	ANT2	Low	2412	2.35	-48.28	≤-17.65	PASS
		High	2462	2.96	-52.17	≤-17.04	PASS
11G	ANT2	Low	2412	-3.70	-35.48	≤-23.7	PASS
		High	2462	-3.80	-56.59	≤-23.8	PASS
11N20SISO	ANT2	Low	2412	-4.61	-34.48	≤-24.61	PASS
		High	2462	-3.16	-58.13	≤-23.16	PASS

Test Graphs

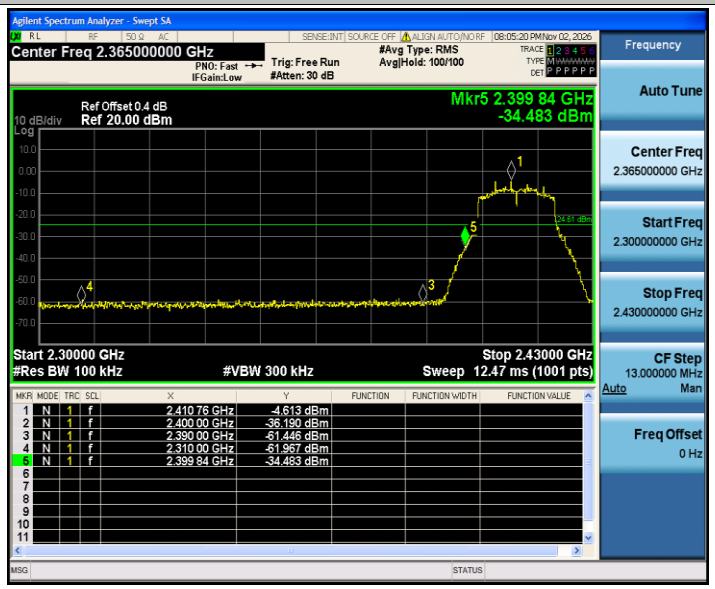
11B_ANT2_Low_2412

11B_ANT2_High_2462

11G_ANT2_Low_2412

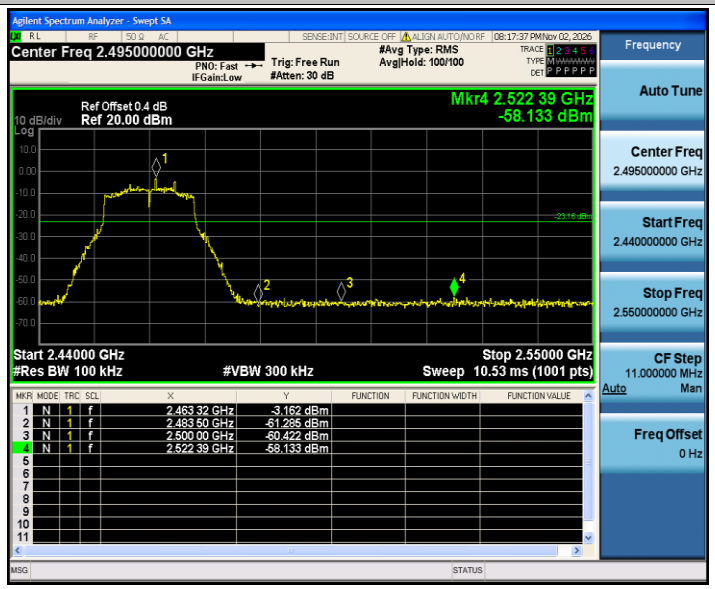


11G_ANT2_High_2462



11N20SISO_ANT2_Low_2412



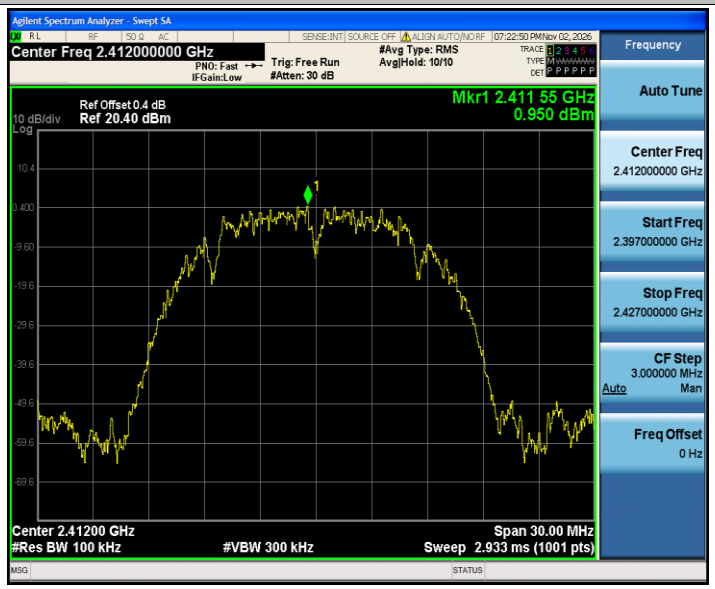
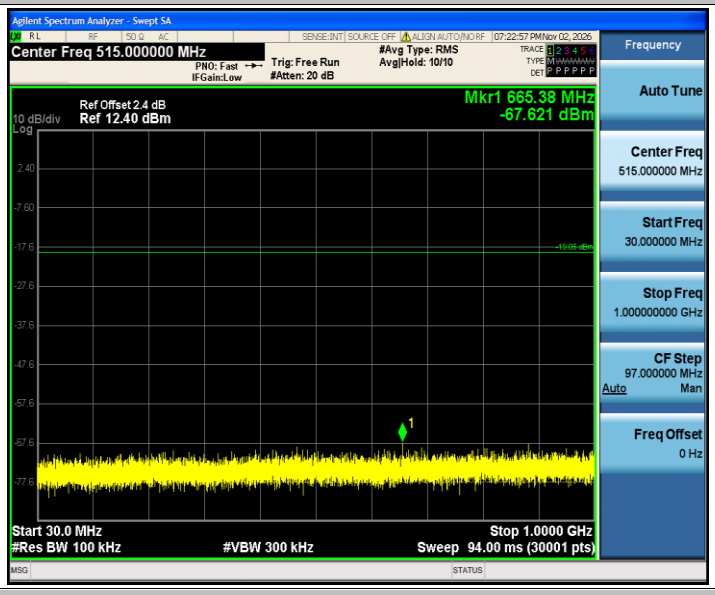
11N20SISO_ANT2_High_2462


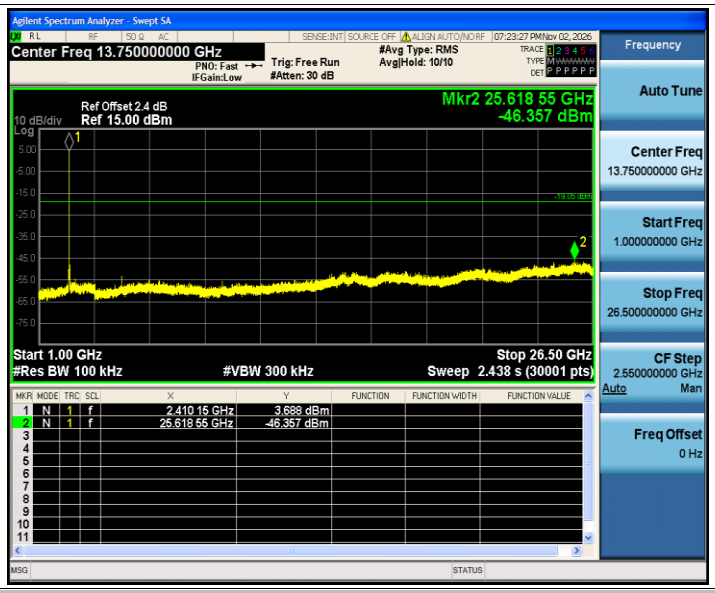
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	ANT2	2412	Reference	0.95	0.95	---	PASS
			30~1000	0.95	-67.62	≤-19.05	PASS
			1000~26500	0.95	-46.36	≤-19.05	PASS
		2437	Reference	1.76	1.76	---	PASS
			30~1000	1.76	-68.11	≤-18.24	PASS
			1000~26500	1.76	-45.8	≤-18.24	PASS
		2462	Reference	1.77	1.77	---	PASS
			30~1000	1.77	-68.39	≤-18.23	PASS
			1000~26500	1.77	-46.49	≤-18.23	PASS
11G	ANT2	2412	Reference	-8.03	-8.03	---	PASS
			30~1000	-8.03	-68.51	≤-28.03	PASS
			1000~26500	-8.03	-45.54	≤-28.03	PASS
		2437	Reference	-7.77	-7.77	---	PASS
			30~1000	-7.77	-68.28	≤-27.77	PASS
			1000~26500	-7.77	-46.7	≤-27.77	PASS
		2462	Reference	-5.58	-5.58	---	PASS
			30~1000	-5.58	-68.71	≤-25.58	PASS
			1000~26500	-5.58	-45.46	≤-25.58	PASS
11N20SISO	ANT2	2412	Reference	-7.14	-7.14	---	PASS
			30~1000	-7.14	-68.05	≤-27.14	PASS
			1000~26500	-7.14	-45.99	≤-27.14	PASS
		2437	Reference	-4.05	-4.05	---	PASS
			30~1000	-4.05	-68.07	≤-24.05	PASS
			1000~26500	-4.05	-46.37	≤-24.05	PASS
		2462	Reference	-3.87	-3.87	---	PASS
			30~1000	-3.87	-68.44	≤-23.87	PASS
			1000~26500	-3.87	-45.42	≤-23.87	PASS

Test Graphs

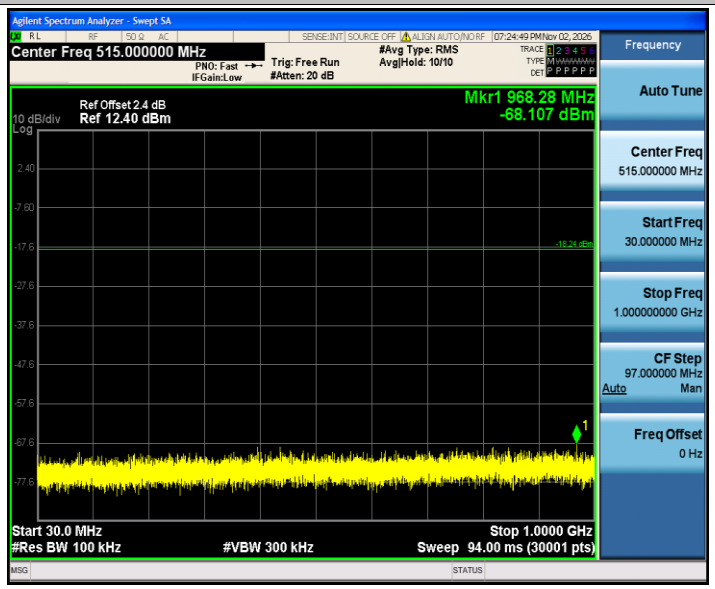
11B_ANT2_2412_0~Reference

11B_ANT2_2412_30~1000

11B_ANT2_2412_1000~26500

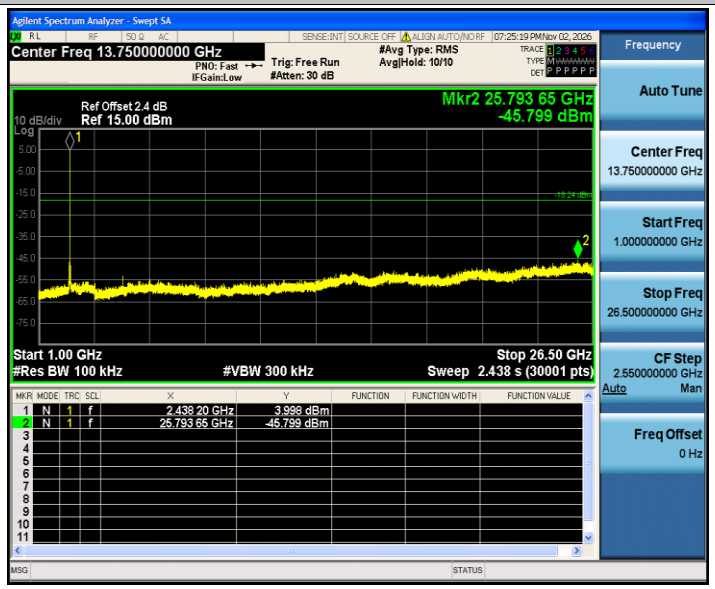


11B_ANT2_2437_0~Reference

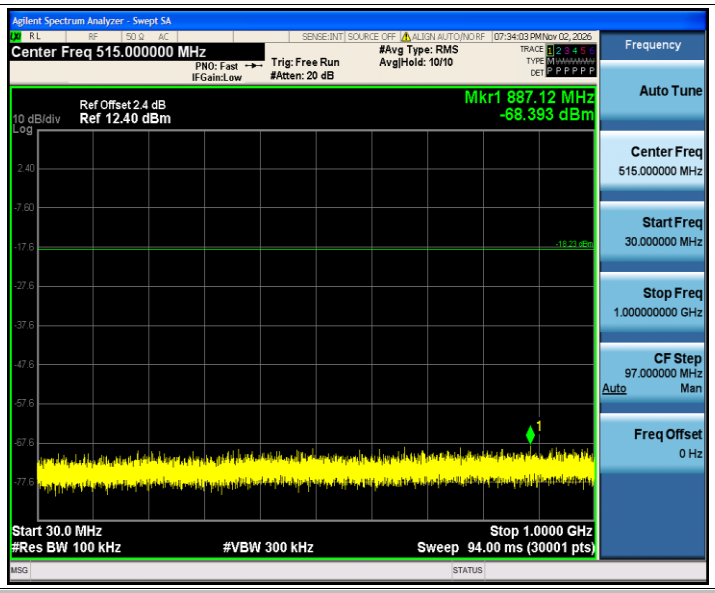


11B_ANT2_2437_30~1000

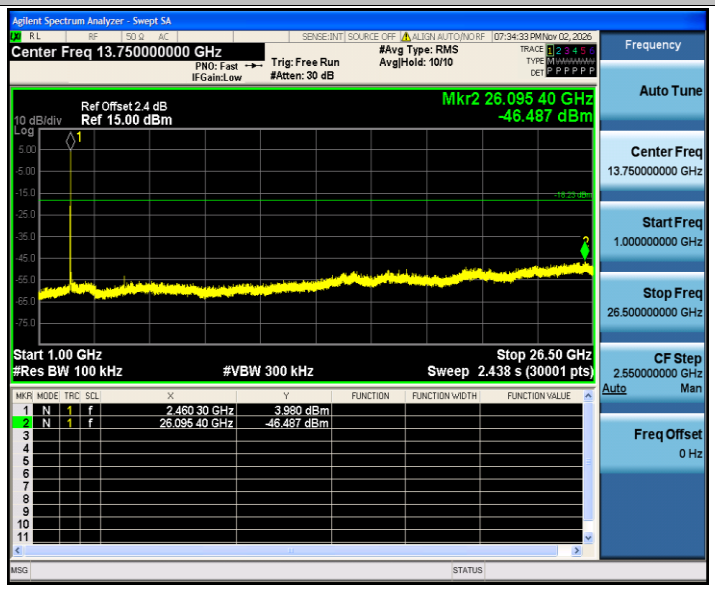


11B_ANT2_2437_1000~26500

11B_ANT2_2462_0~Reference

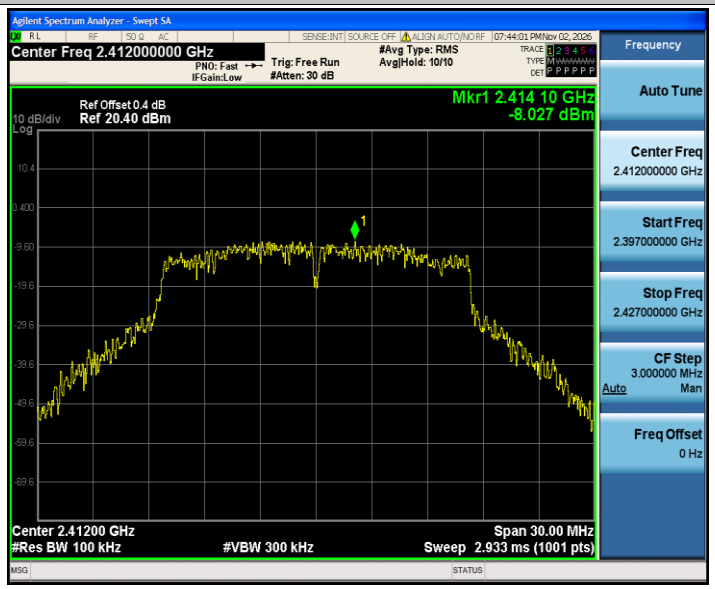
11B_ANT2_2462_30~1000

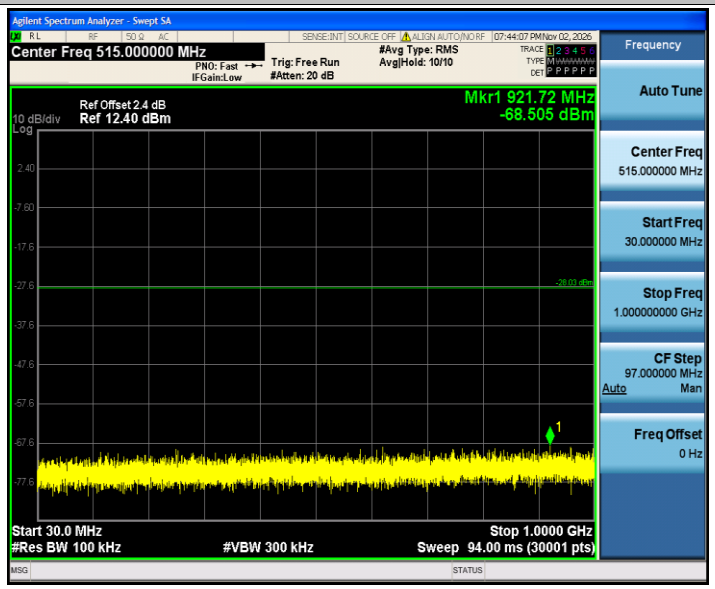
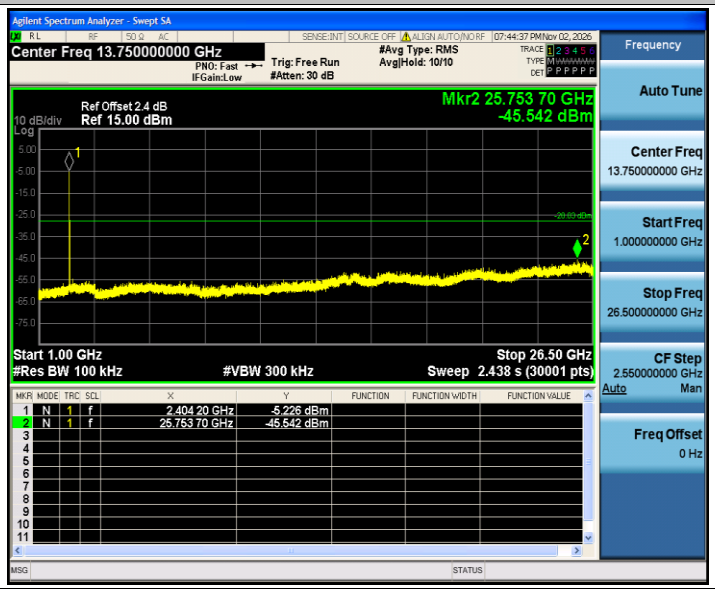


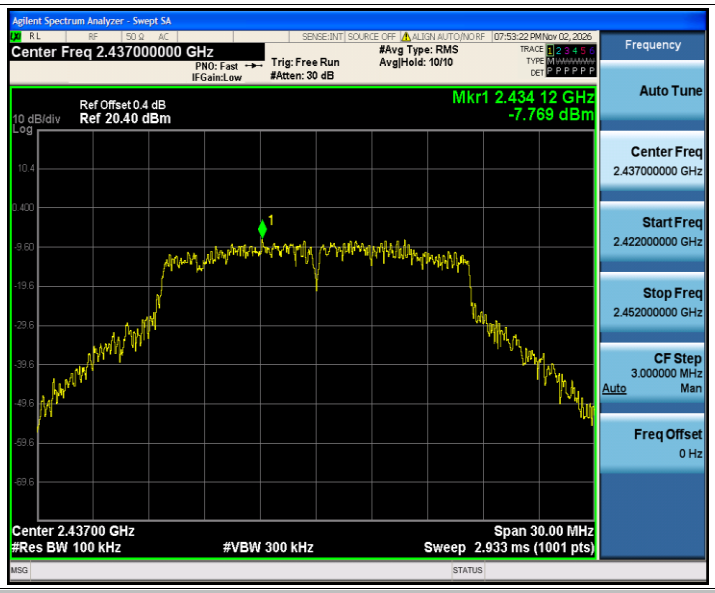
11B_ANT2_2462_1000~26500



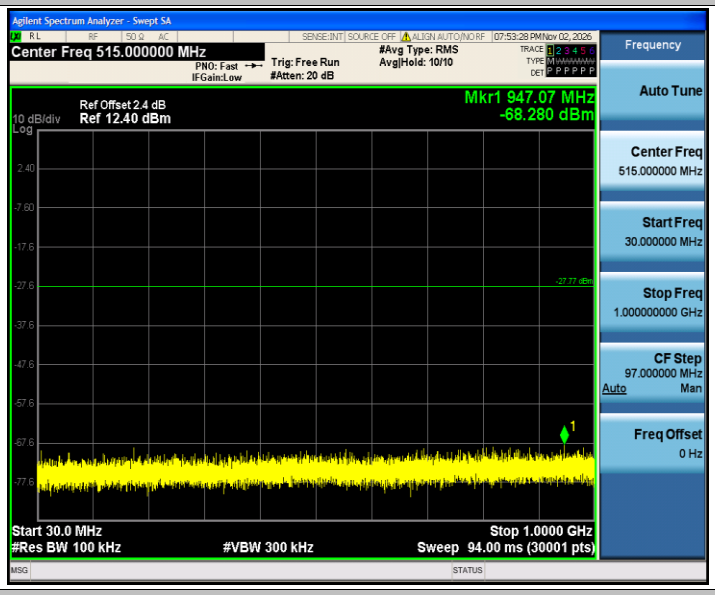
11G_ANT2_2412_0~Reference



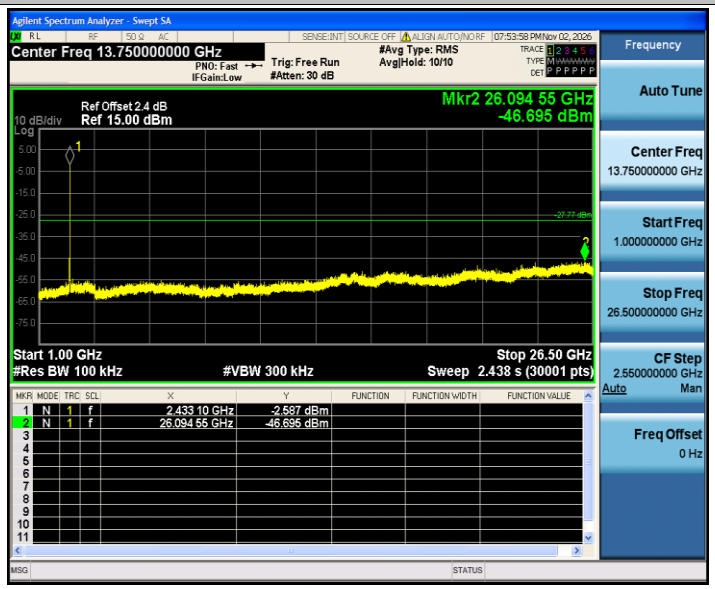
11G_ANT2_2412_30~1000

11G_ANT2_2412_1000~26500

11G_ANT2_2437_0~Reference

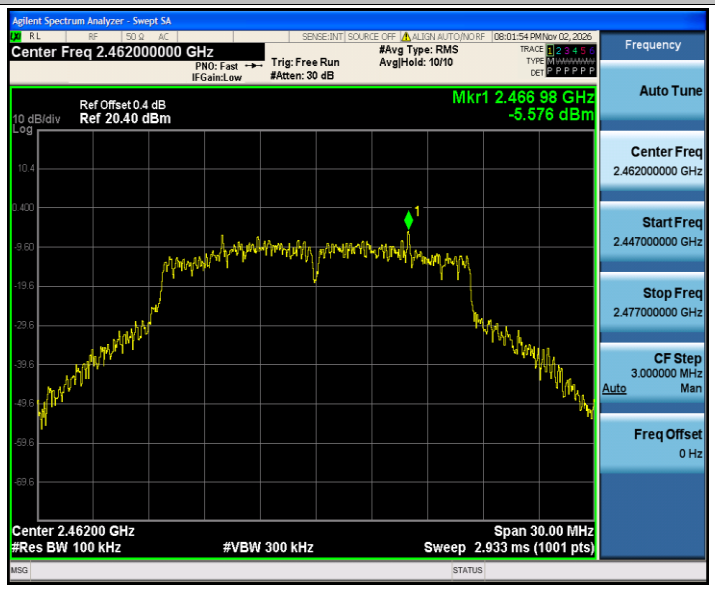
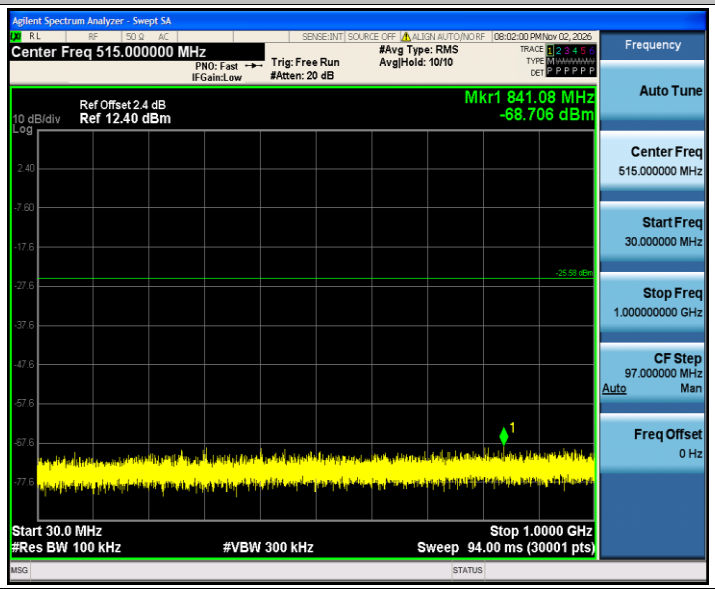


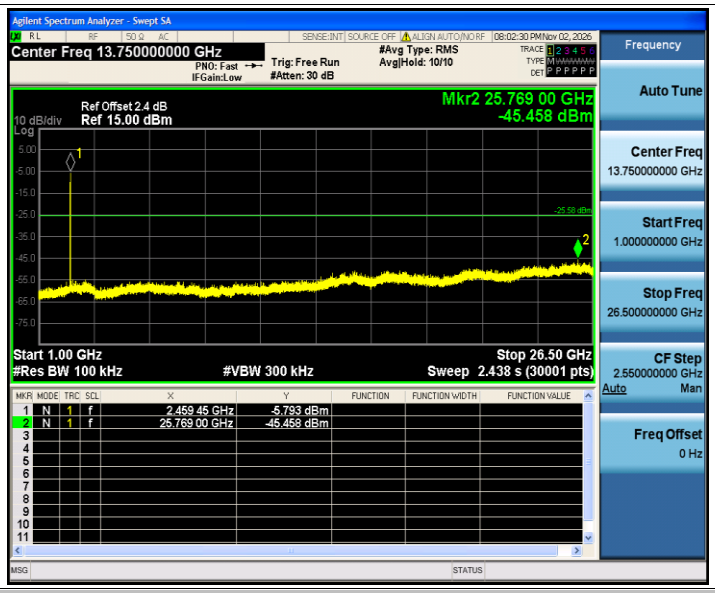
11G_ANT2_2437_30~1000



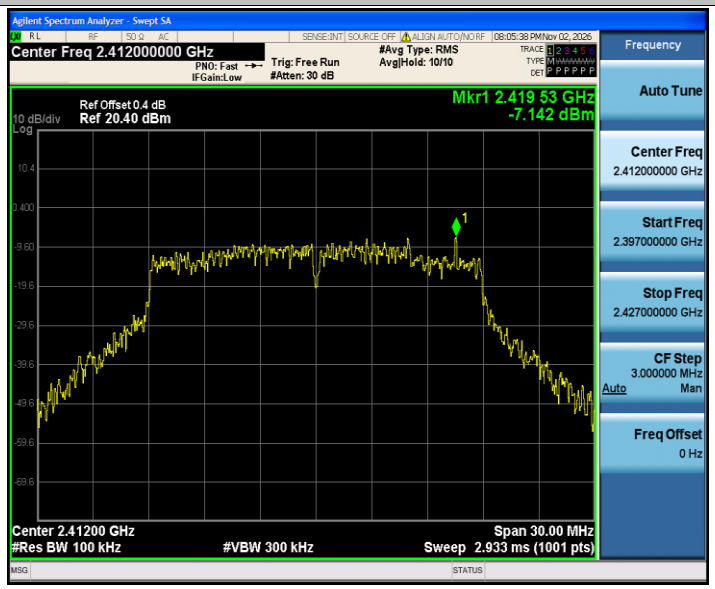
11G_ANT2_2437_1000~26500



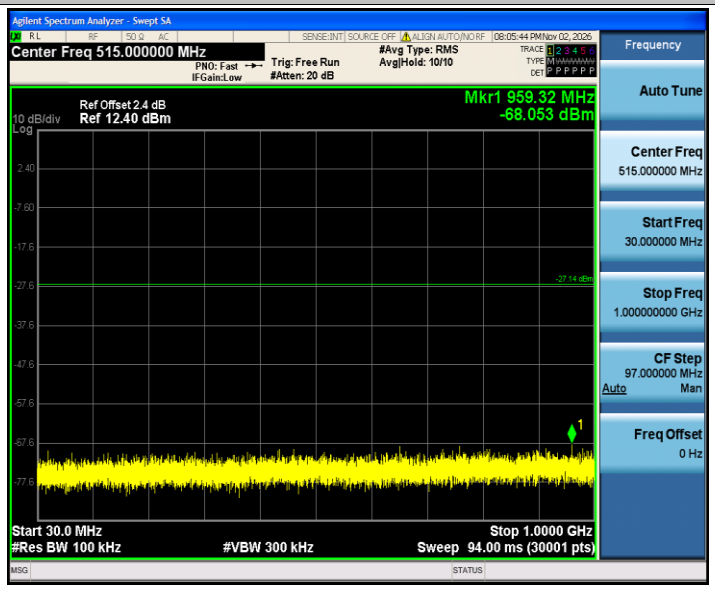
11G_ANT2_2462_0~Reference

11G_ANT2_2462_30~1000

11G_ANT2_2462_1000~26500

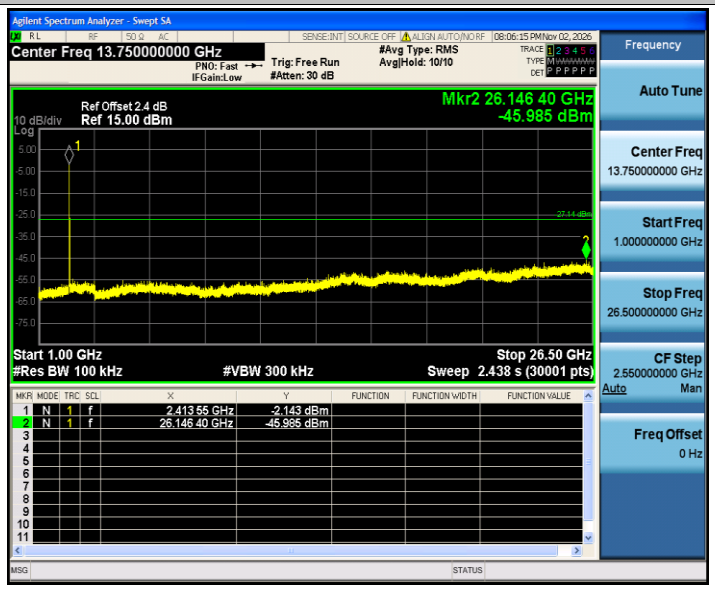
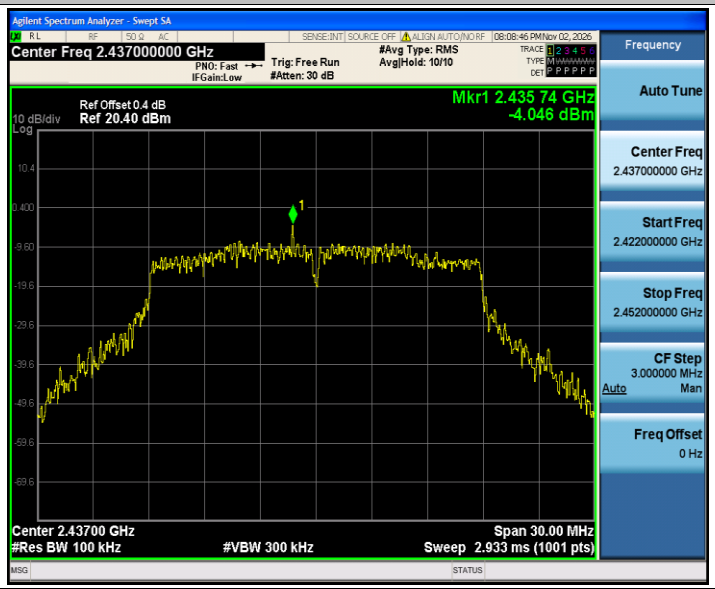


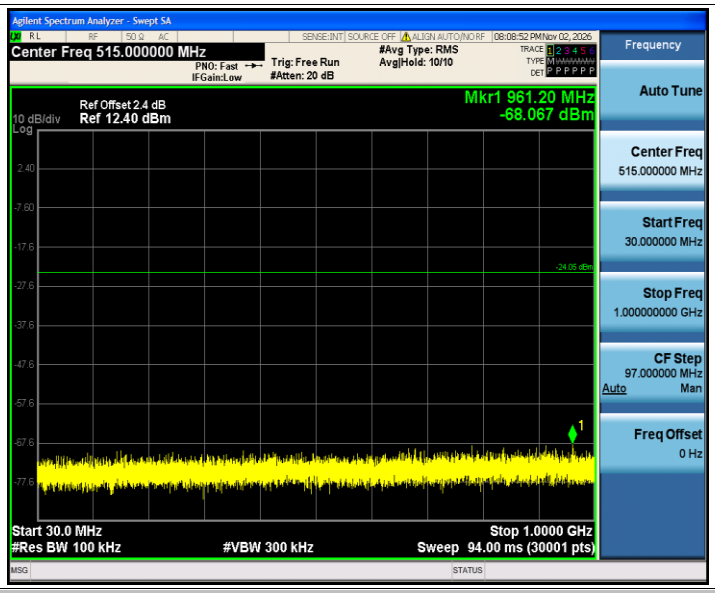
11N20SISO_ANT2_2412_0~Reference



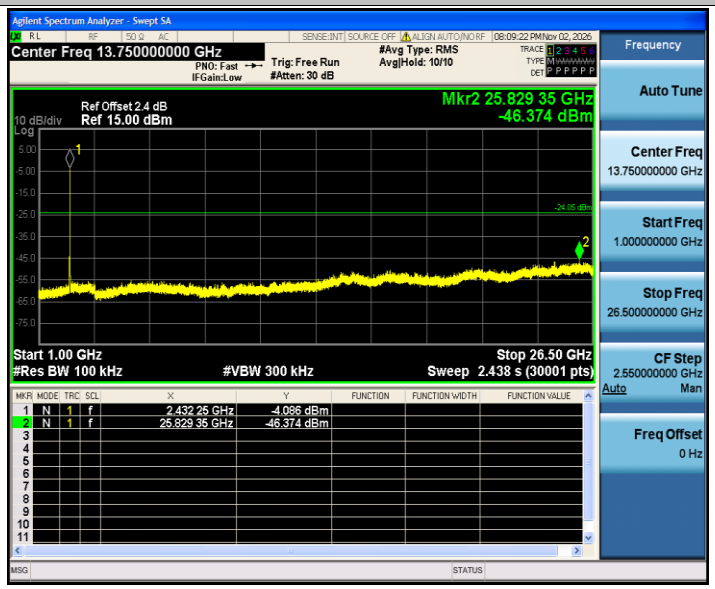
11N20SISO_ANT2_2412_30~1000



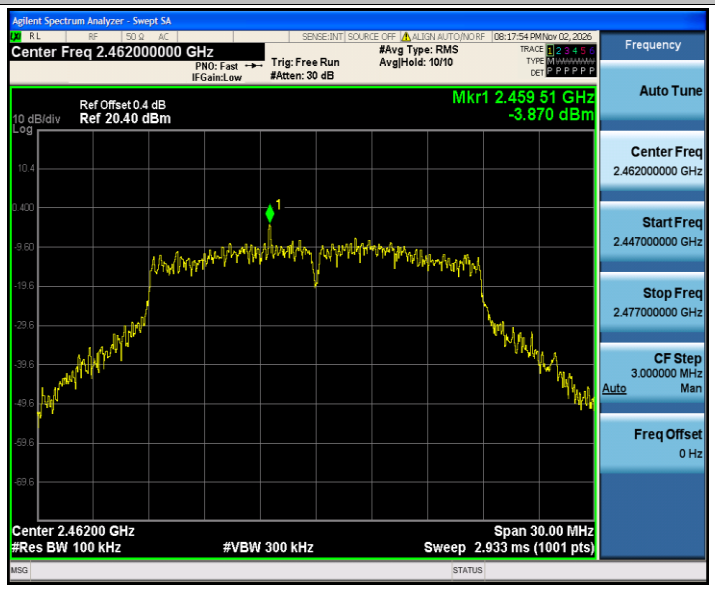
11N20SISO_ANT2_2412_1000~26500

11N20SISO_ANT2_2437_0~Reference

11N20SISO_ANT2_2437_30~1000

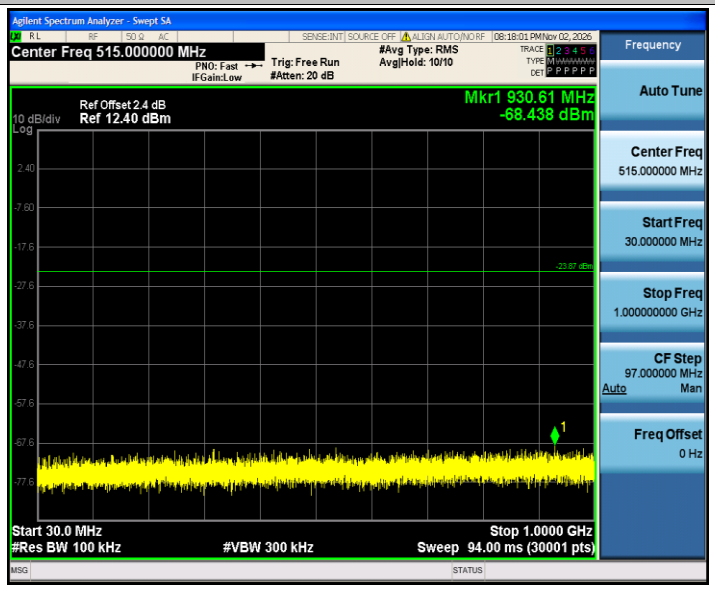
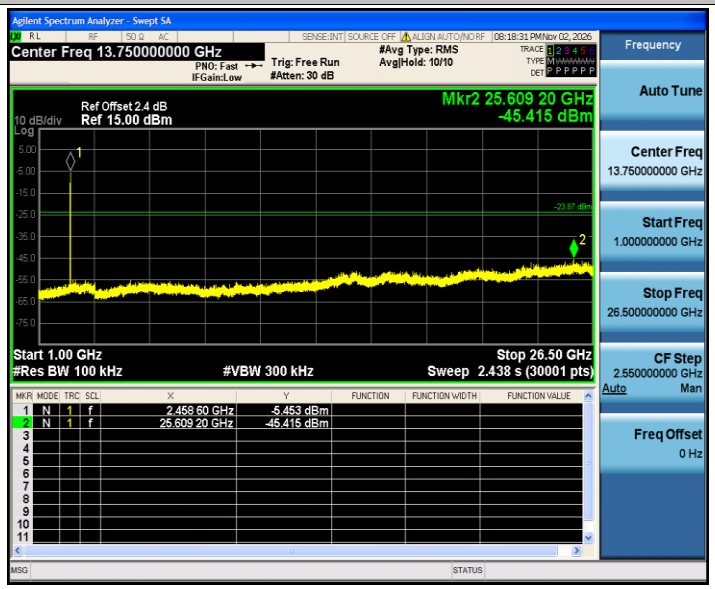


11N20SISO_ANT2_2437_1000~26500



11N20SISO_ANT2_2462_0~Reference



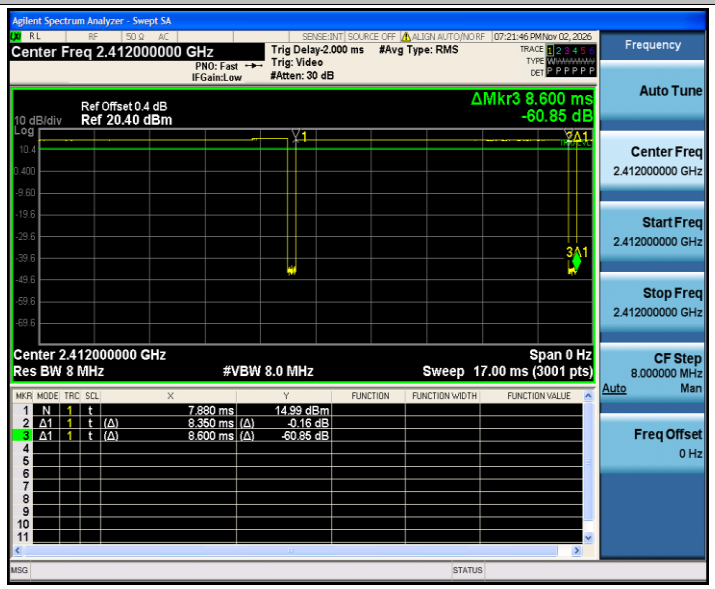
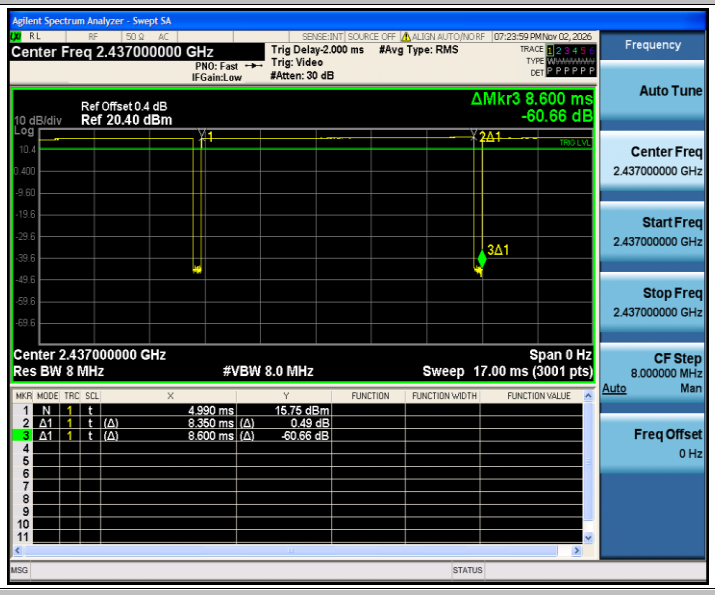
11N20SISO_ANT2_2462_30~1000

11N20SISO_ANT2_2462_1000~26500


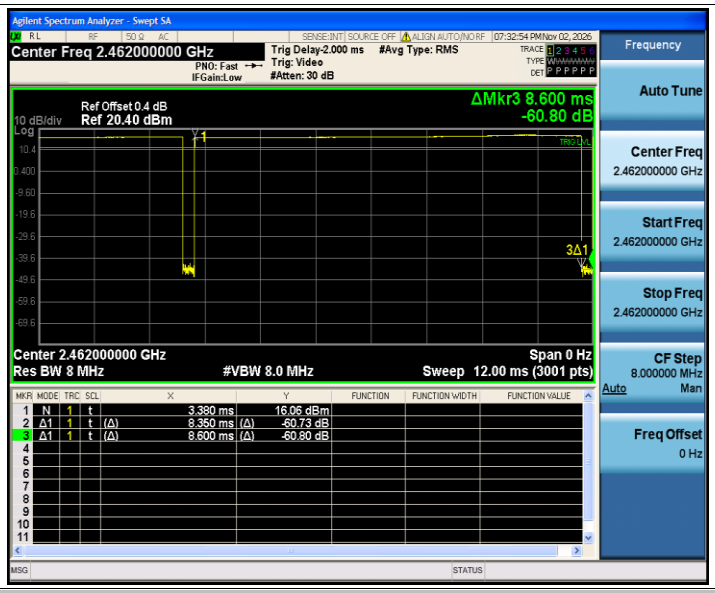
Appendix G: Duty Cycle

Test Result

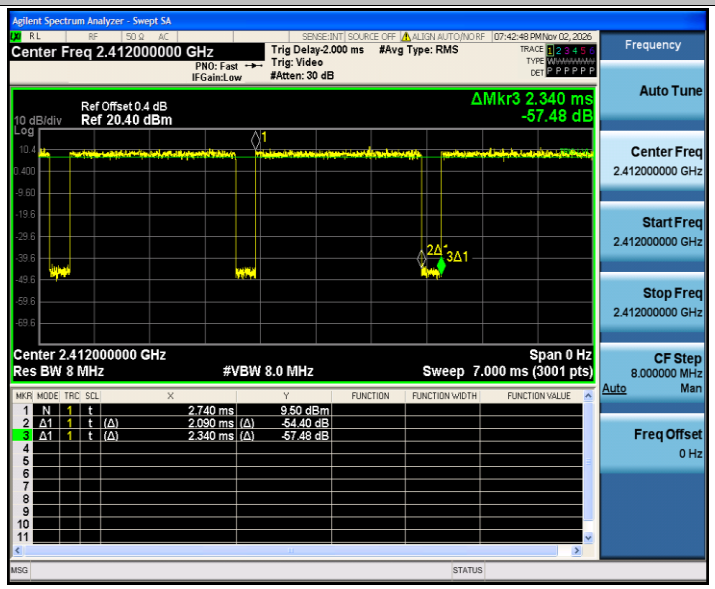
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dB]	T Factor [dB]
11B	ANT2	2412	8.35	8.60	97.09	0.13	0.12
		2437	8.35	8.60	97.09	0.13	0.12
		2462	8.35	8.60	97.09	0.13	0.12
11G	ANT2	2412	2.09	2.34	89.32	0.49	0.48
		2437	2.09	2.34	89.32	0.49	0.48
		2462	2.09	2.34	89.32	0.49	0.48
11N20SISO	ANT2	2412	2.26	2.52	89.68	0.47	0.44
		2437	2.27	2.52	90.08	0.45	0.44
		2462	2.26	2.51	90.04	0.46	0.44

Test Graphs

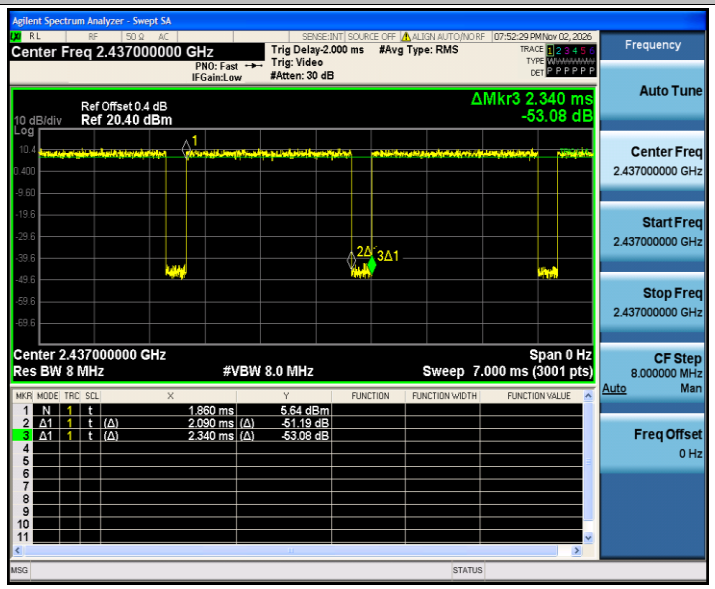
11B_ANT2_2412

11B_ANT2_2437

11B_ANT2_2462

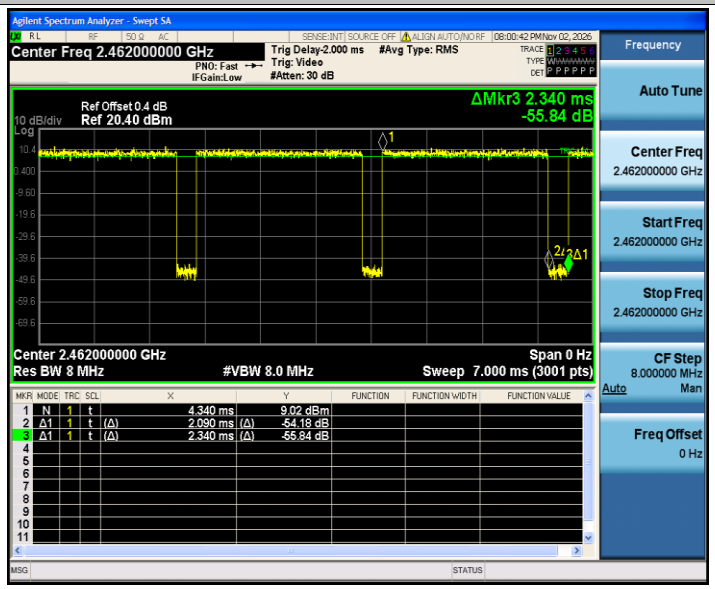
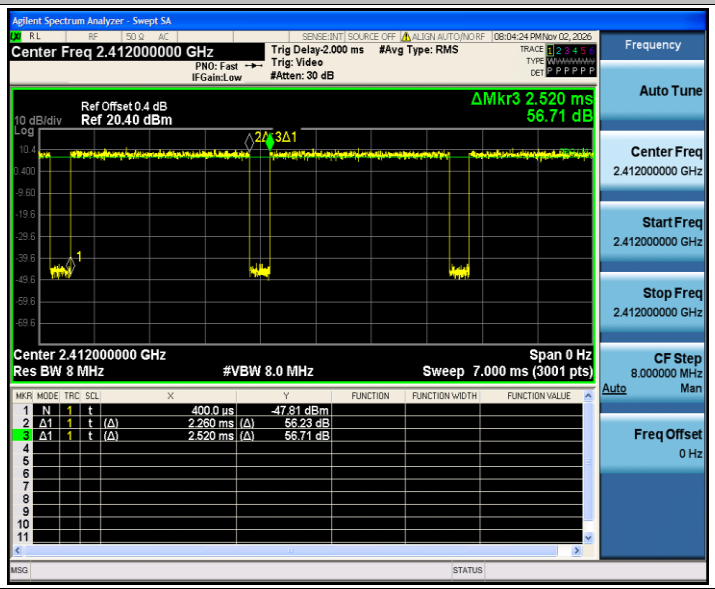


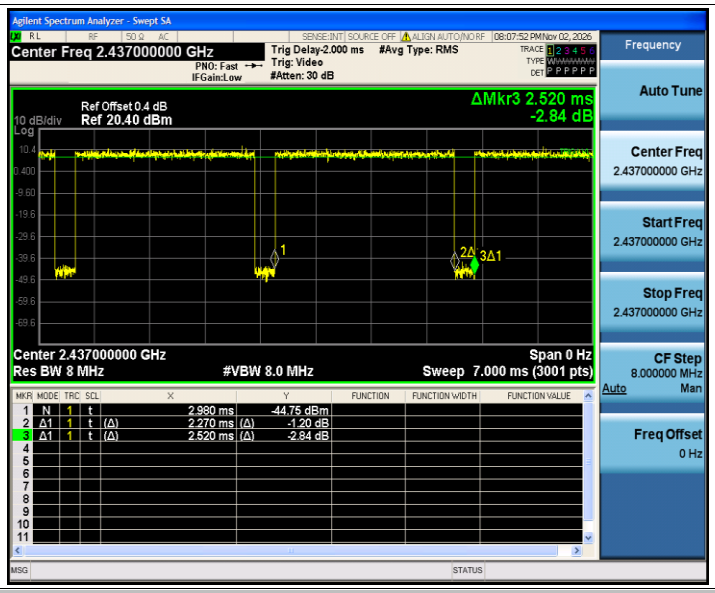
11G_ANT2_2412



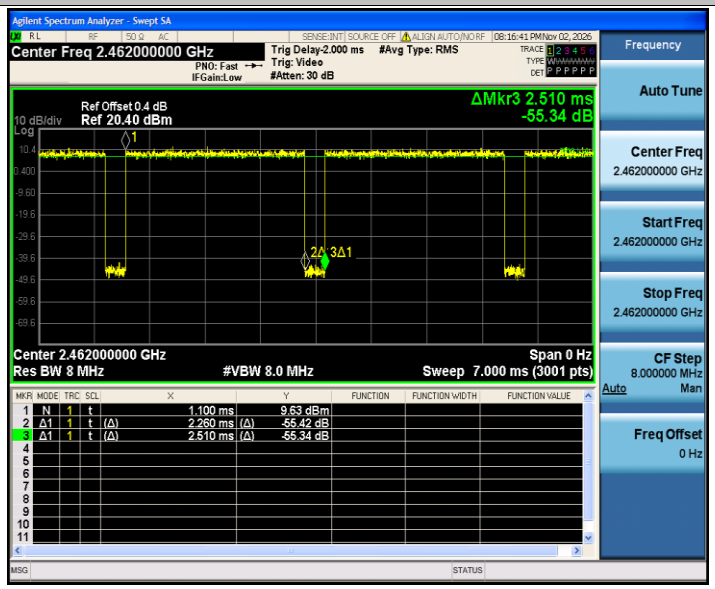
11G_ANT2_2437



11G_ANT2_2462

11N20SISO_ANT2_2412

11N20SISO_ANT2_2437



11N20SISO_ANT2_2462



Appendix H: Emissions in Restricted Bands

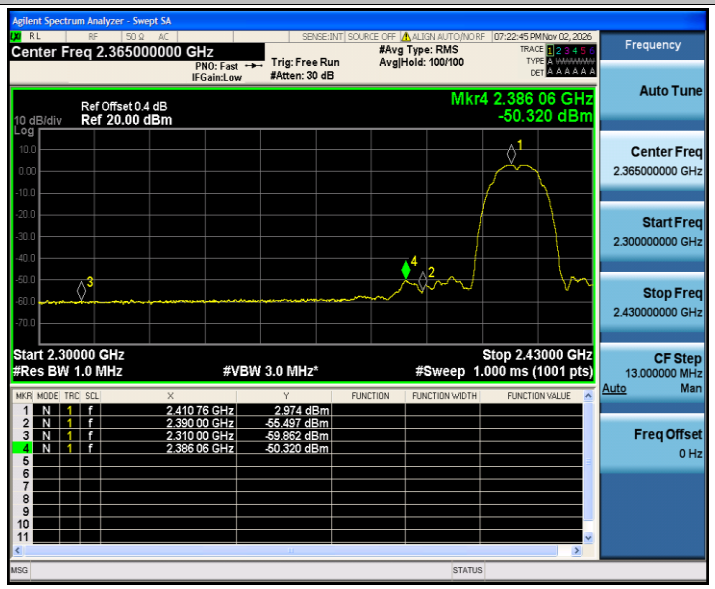
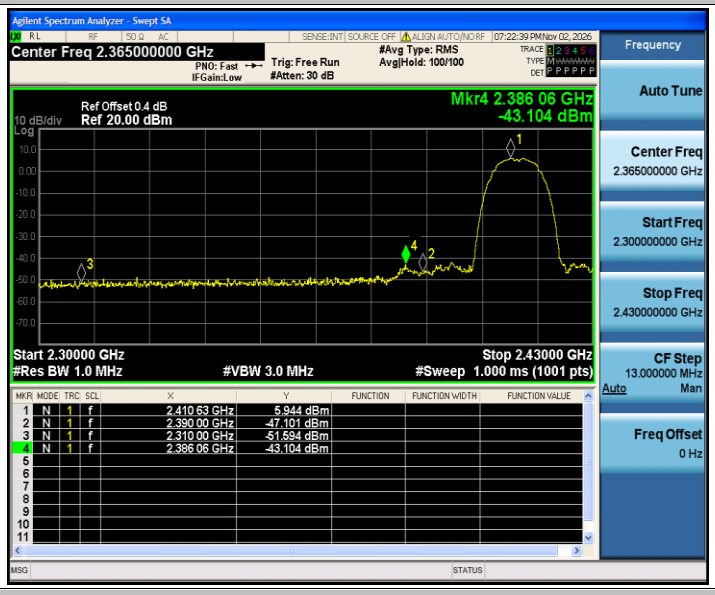
Test Result

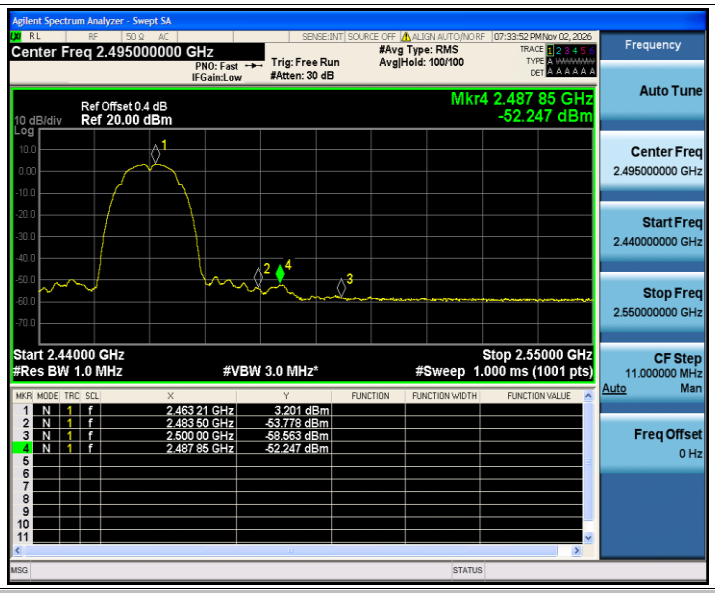
TestMode	Antenna	ChName	Frequency[MHz]	Detector	Freq [MHz]	Result [dBm]	Gain [dB]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	ANT2	Low	2412	AV	2310.000	-59.86	2.33	0.13	37.8	≤54	PASS
				AV	2386.060	-50.32	2.33	0.13	47.34	≤54	PASS
				AV	2390.000	-55.5	2.33	0.13	42.16	≤54	PASS
				Peak	2310.000	-51.59	2.33	0.00	45.94	≤74	PASS
				Peak	2386.060	-43.1	2.33	0.00	54.43	≤74	PASS
				Peak	2390.000	-47.1	2.33	0.00	50.43	≤74	PASS
		High	2462	AV	2483.500	-53.78	2.33	0.13	43.88	≤54	PASS
				AV	2487.850	-52.25	2.33	0.13	45.41	≤54	PASS
				AV	2500.000	-58.56	2.33	0.13	39.1	≤54	PASS
				Peak	2483.500	-47.5	2.33	0.00	50.03	≤74	PASS
				Peak	2488.290	-44.91	2.33	0.00	52.62	≤74	PASS
				Peak	2500.000	-51.51	2.33	0.00	46.02	≤74	PASS
11G	ANT2	Low	2412	AV	2310.000	-59.7	2.33	0.49	38.32	≤54	PASS
				AV	2389.050	-58.81	2.33	0.49	39.21	≤54	PASS
				AV	2390.000	-59.44	2.33	0.49	38.58	≤54	PASS
				Peak	2310.000	-51.69	2.33	0.00	45.84	≤74	PASS
				Peak	2335.750	-49.2	2.33	0.00	48.33	≤74	PASS
				Peak	2390.000	-51.01	2.33	0.00	46.52	≤74	PASS
		High	2462	AV	2483.500	-58.97	2.33	0.49	39.05	≤54	PASS
				AV	2490.160	-58.6	2.33	0.49	39.42	≤54	PASS
				AV	2500.000	-60.1	2.33	0.49	37.92	≤54	PASS
				Peak	2483.500	-52.44	2.33	0.00	45.09	≤74	PASS
				Peak	2485.210	-49.01	2.33	0.00	48.52	≤74	PASS
				Peak	2500.000	-50.41	2.33	0.00	47.12	≤74	PASS
11N20SISO	ANT2	Low	2412	AV	2310.000	-60.22	2.33	0.47	37.78	≤54	PASS
				AV	2383.590	-58.59	2.33	0.47	39.41	≤54	PASS
				AV	2390.000	-59.21	2.33	0.47	38.79	≤54	PASS
				Peak	2310.000	-51.29	2.33	0.00	46.24	≤74	PASS
				Peak	2382.420	-49.54	2.33	0.00	47.99	≤74	PASS
				Peak	2390.000	-52.01	2.33	0.00	45.52	≤74	PASS
		High	2462	AV	2483.500	-59.3	2.33	0.46	38.69	≤54	PASS
				AV	2484.110	-58.67	2.33	0.46	39.32	≤54	PASS
				AV	2500.000	-59.35	2.33	0.46	38.64	≤54	PASS
				Peak	2483.500	-51.15	2.33	0.00	46.38	≤74	PASS
				Peak	2483.780	-48.73	2.33	0.00	48.8	≤74	PASS
				Peak	2500.000	-50.46	2.33	0.00	47.07	≤74	PASS

Note：

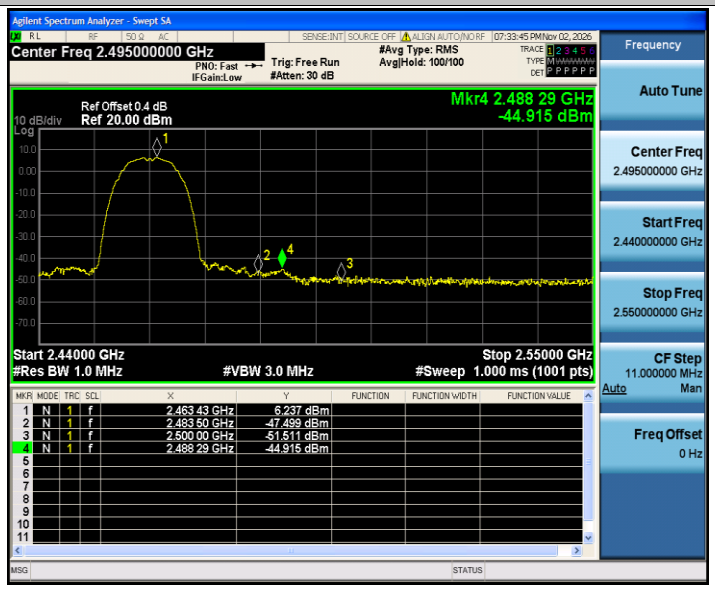
The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

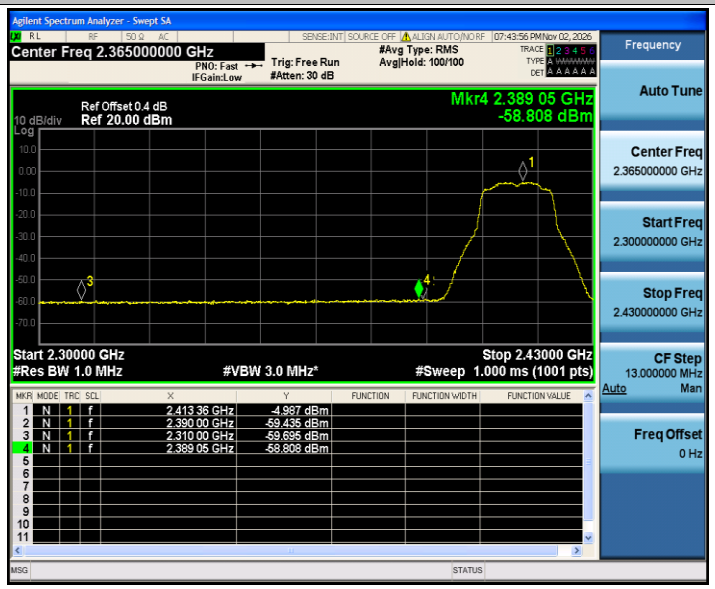
11B_ANT2_Low_2412_AV

11B_ANT2_Low_2412_Peak

11B_ANT2_High_2462_AV

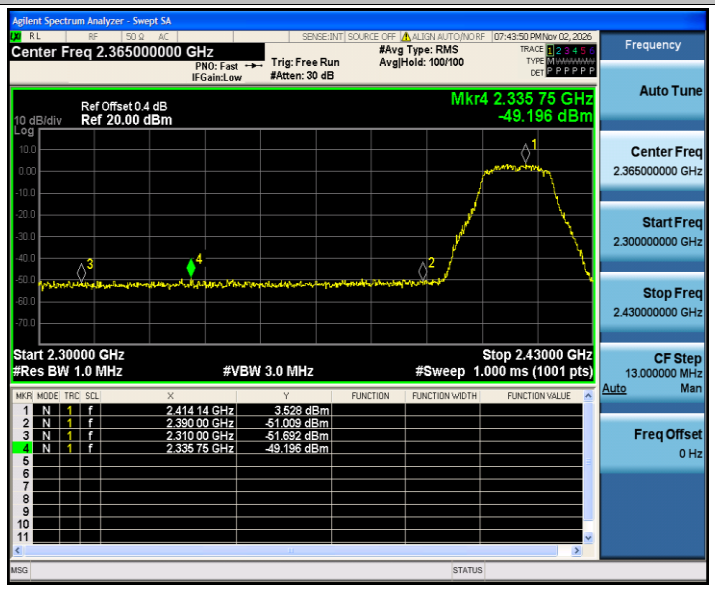


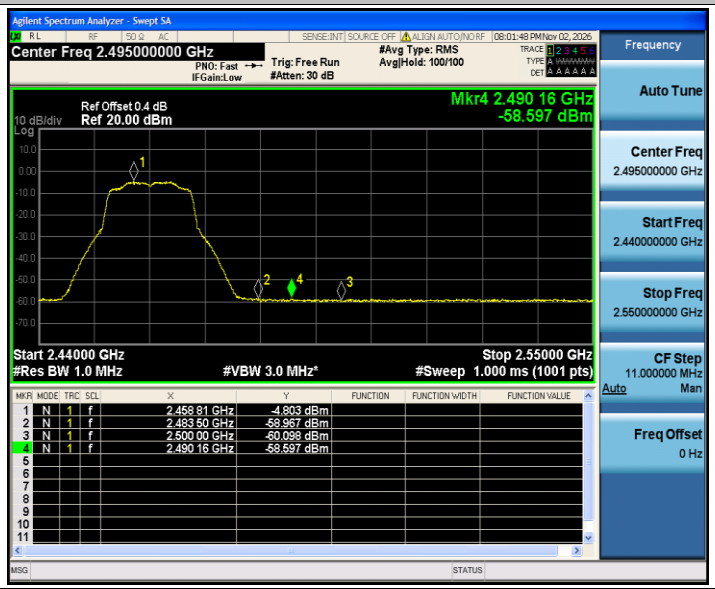
11B_ANT2_High_2462_Peak



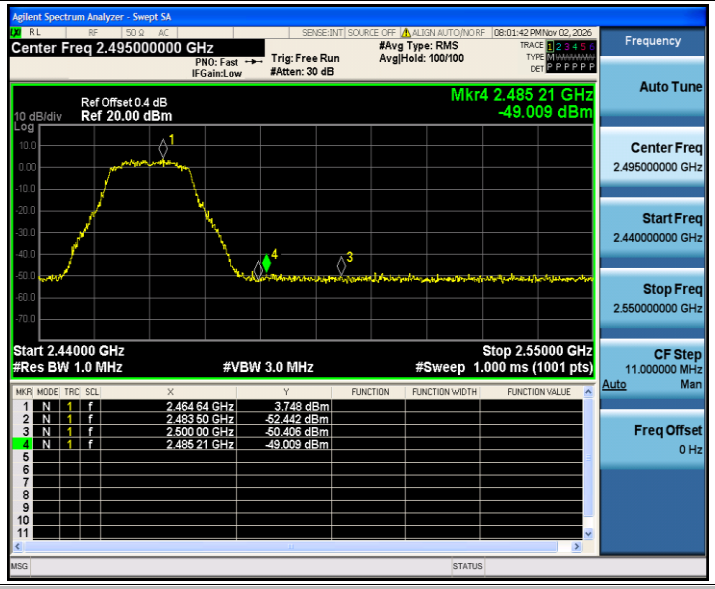
11G_ANT2_Low_2412_AV



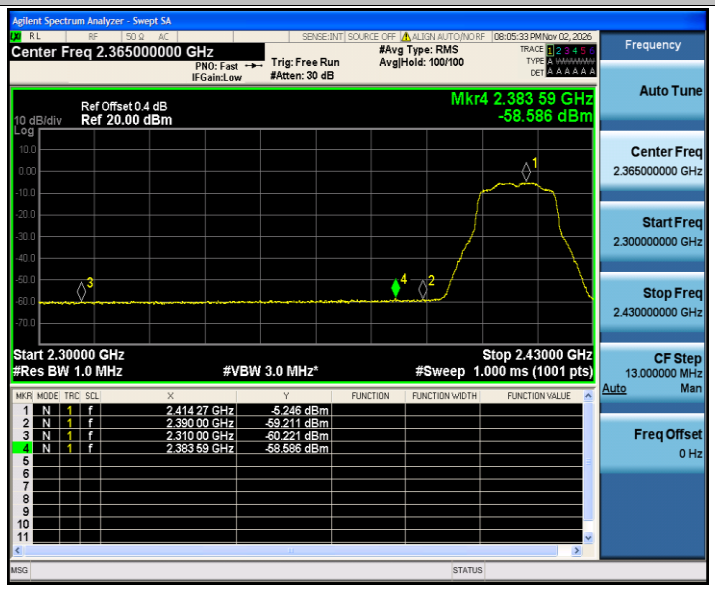
11G_ANT2_Low_2412_Peak


11G_ANT2_High_2462_AV


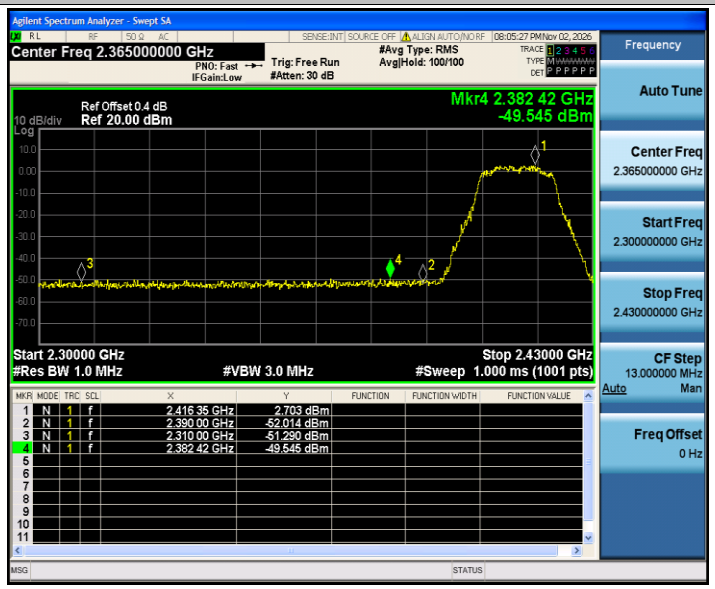
11G_ANT2_High_2462_Peak

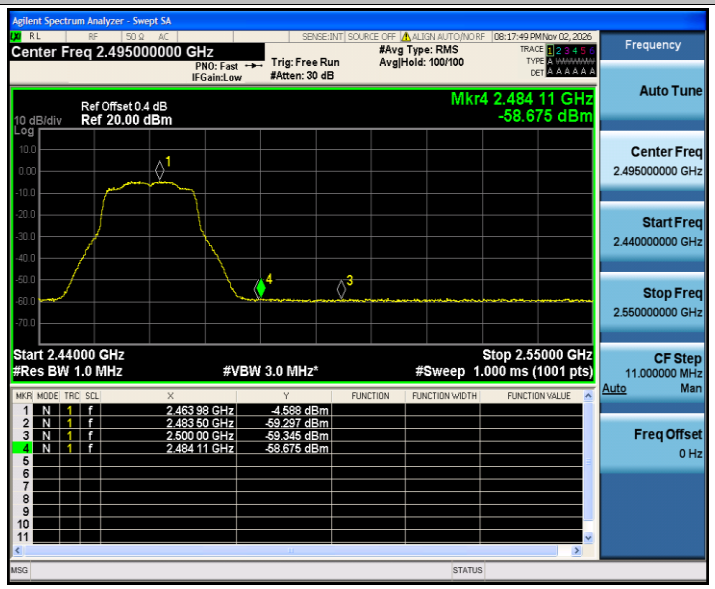


11N20SISO_ANT2_Low_2412_AV



11N20SISO_ANT2_Low_2412_Peak



11N20SISO_ANT2_High_2462_AV


11N20SISO_ANT2_High_2462_Peak
