Case No. :GTS20260616001-1-02
Ambient Condition: 23℃,53%RH,
Test Date:2026.6.17-2026.7.6**Test Engineer:**Evan ouyang

Appendix B.1: DTS Bandwidth

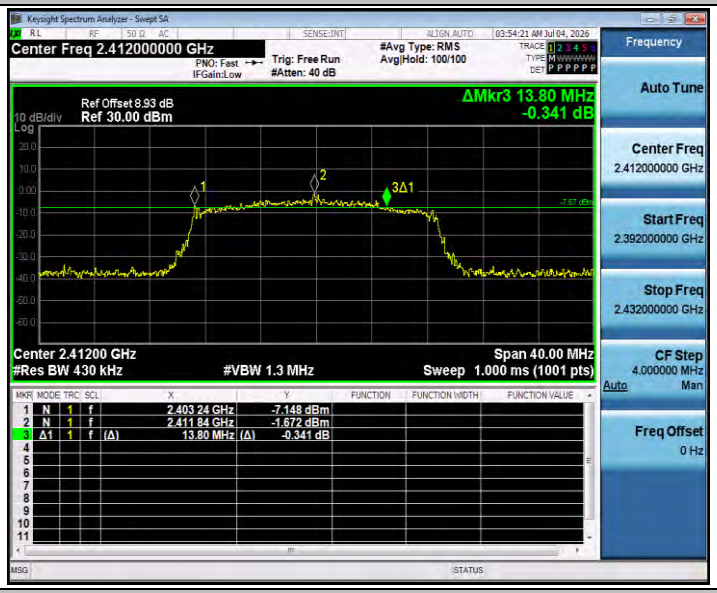
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.160	2407.240	2416.400	0.5	PASS
		2437	9.120	2432.280	2441.400	0.5	PASS
		2462	8.760	2457.280	2466.040	0.5	PASS
11G	Ant1	2412	13.800	2403.240	2417.040	0.5	PASS
		2437	15.520	2428.280	2443.800	0.5	PASS
		2462	15.920	2453.480	2469.400	0.5	PASS
11N20SISO	Ant1	2412	15.080	2404.160	2419.240	0.5	PASS
		2437	15.080	2429.120	2444.200	0.5	PASS
		2462	15.120	2454.120	2469.240	0.5	PASS

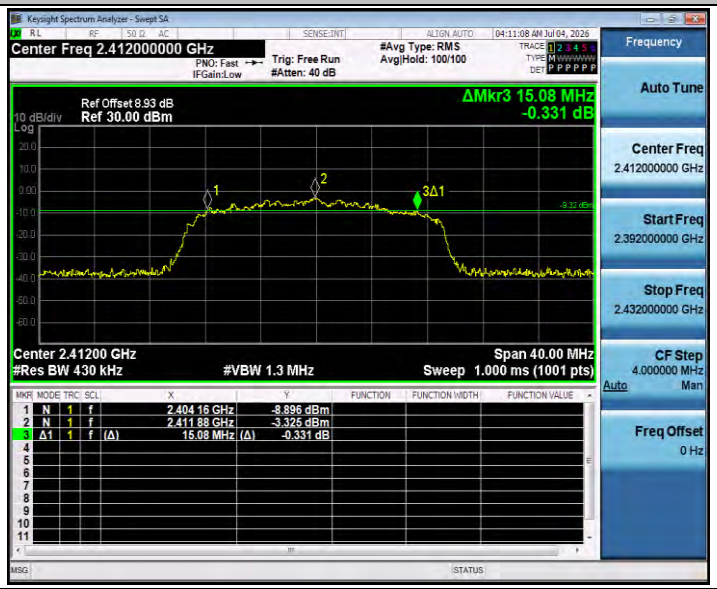
Test Graphs

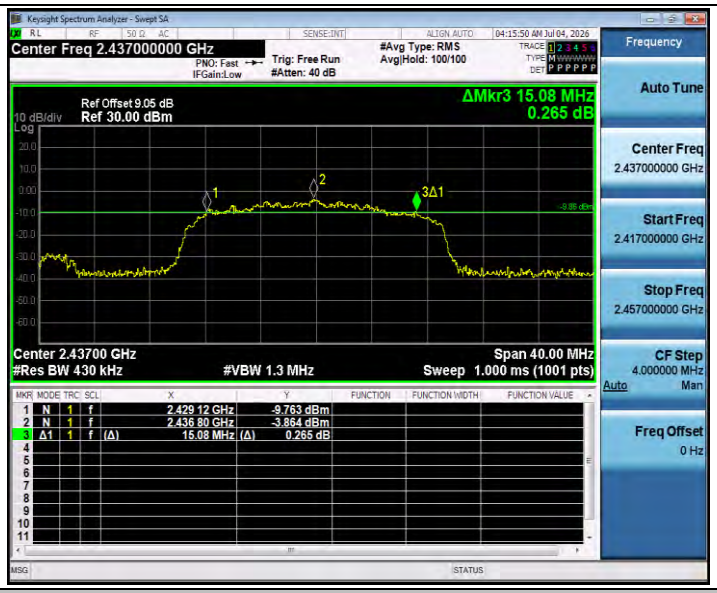
11B_Ant1_2412
11B_Ant1_2437
11B_Ant1_2462

11G_Ant1_2412

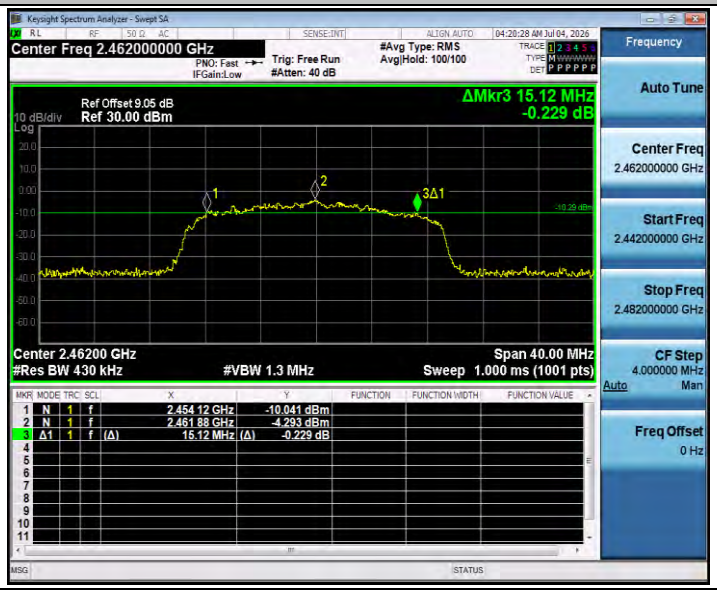


11G_Ant1_2437

11G_Ant1_2462
11N20SISO_Ant1_2412

11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.555	2405.0248	2418.5798	---	---
		2437	13.980	2430.0252	2444.0052	---	---
		2462	13.622	2454.9120	2468.5340	---	---
11G	Ant1	2412	17.181	2403.2156	2420.3966	---	---
		2437	17.448	2428.2188	2445.6668	---	---
		2462	17.585	2452.9545	2470.5395	---	---
11N20SISO	Ant1	2412	17.722	2403.0607	2420.7827	---	---
		2437	17.842	2427.9593	2445.8013	---	---
		2462	17.739	2453.0467	2470.7857	---	---

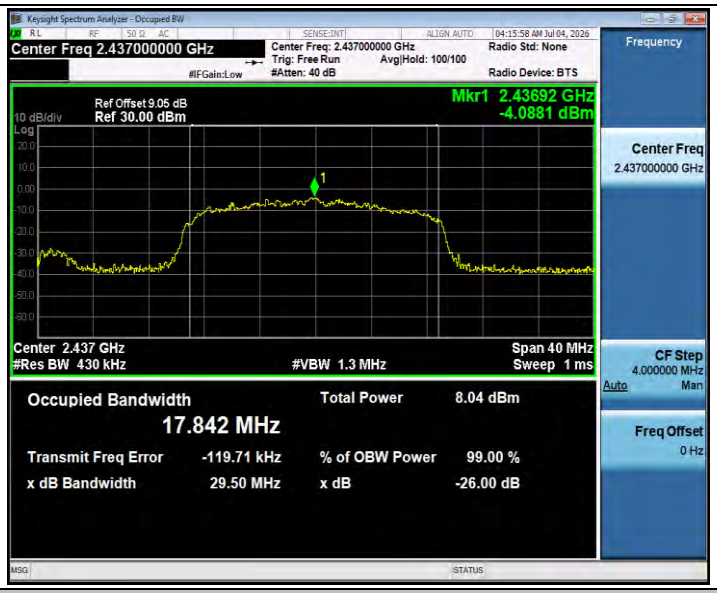
Test Graphs

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.3: Maximum conducted output power

Test Result

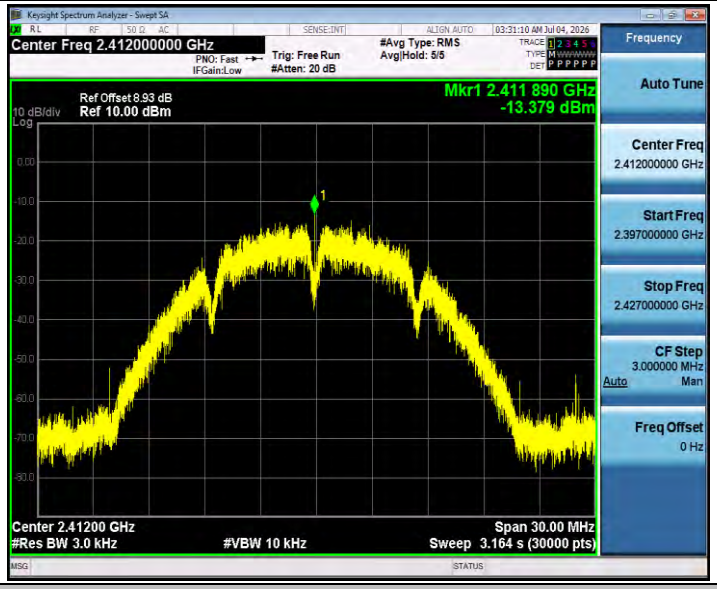
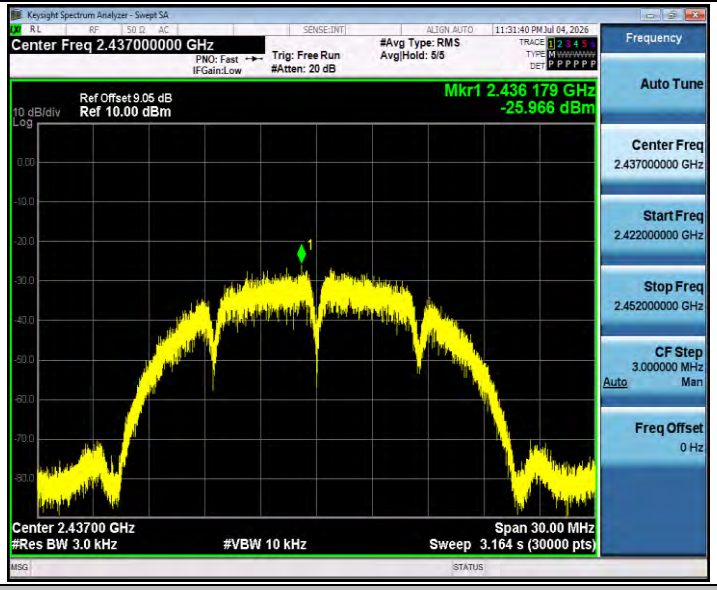
Test Mode	Antenna	Frequency [MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	8.83	≤30.00	PASS
		2437	8.28	≤30.00	PASS
		2462	8.96	≤30.00	PASS
11G	Ant1	2412	8.27	≤30.00	PASS
		2437	8.61	≤30.00	PASS
		2462	8.13	≤30.00	PASS
11N20SISO	Ant1	2412	8.55	≤30.00	PASS
		2437	8.92	≤30.00	PASS
		2462	8.52	≤30.00	PASS

Appendix B.4: Maximum power spectral density

Test Result

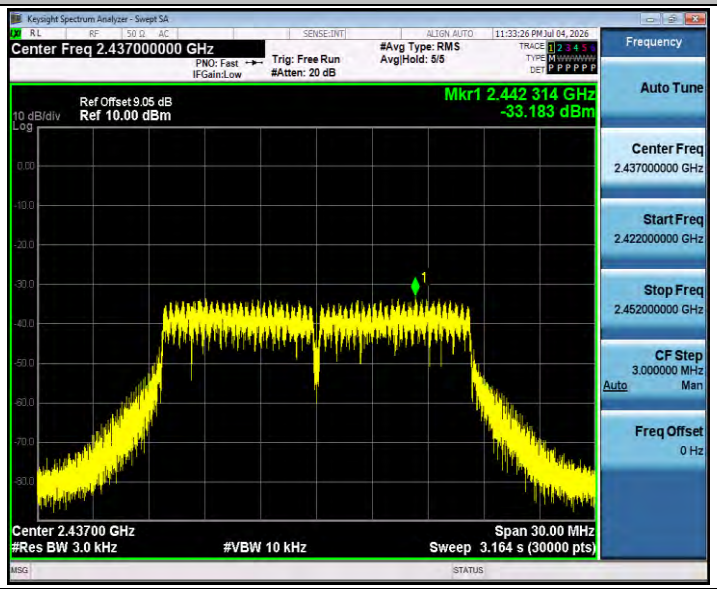
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.38	≤8.00	PASS
		2437	-25.97	≤8.00	PASS
		2462	-32.09	≤8.00	PASS
11G	Ant1	2412	-13.37	≤8.00	PASS
		2437	-33.18	≤8.00	PASS
		2462	-25.96	≤8.00	PASS
11N20SISO	Ant1	2412	-14.14	≤8.00	PASS
		2437	-15.08	≤8.00	PASS
		2462	-15.09	≤8.00	PASS

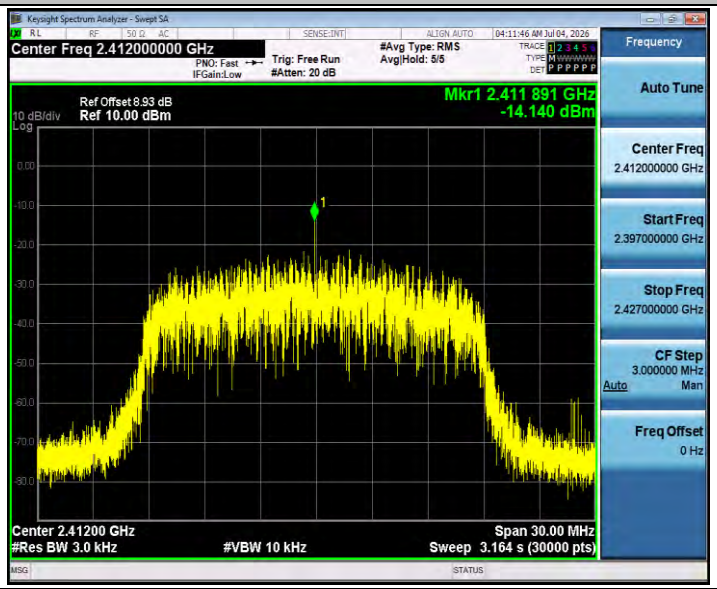
Test Graphs

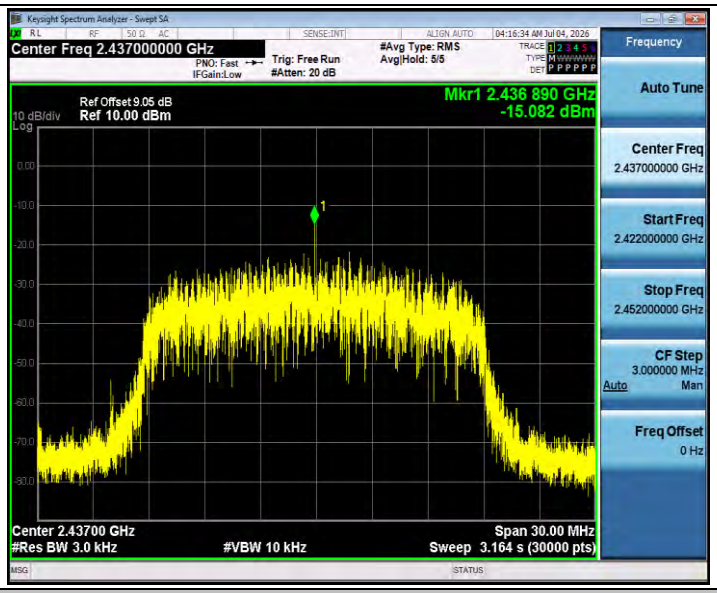
11B_Ant1_2412

11B_Ant1_2437

11B_Ant1_2462

11G_Ant1_2412

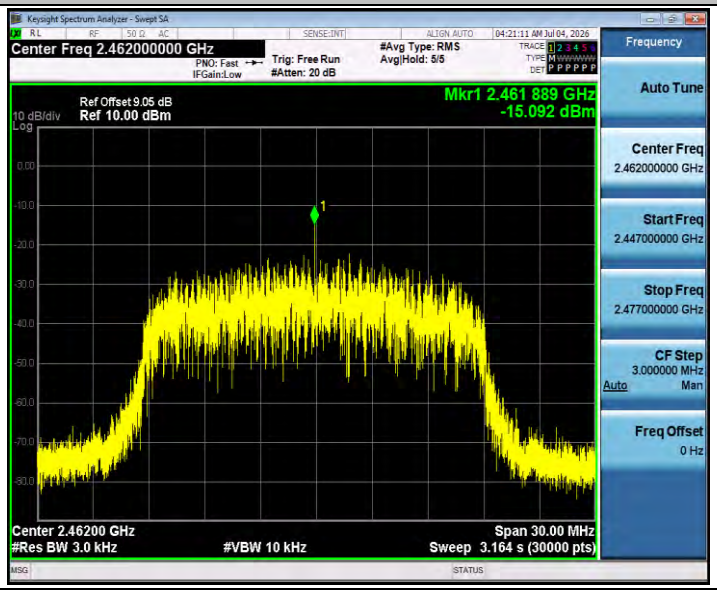
11G_Ant1_2437



11G_Ant1_2462
11N20SISO_Ant1_2412

11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

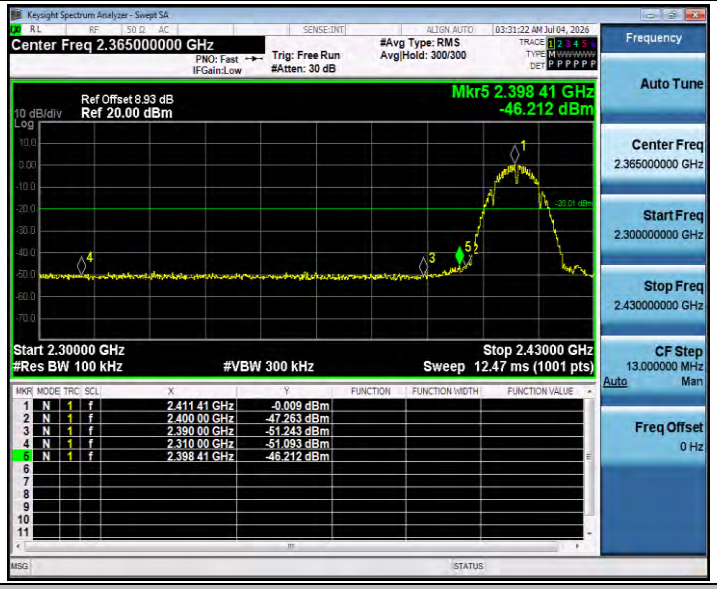
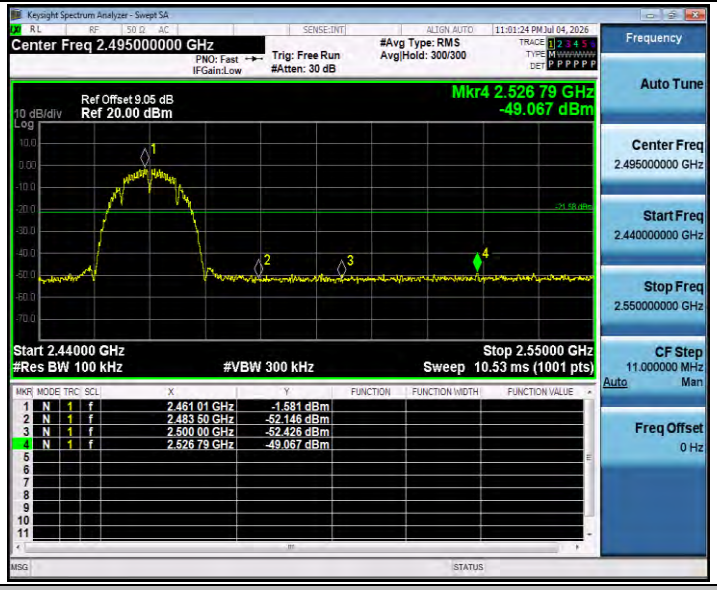


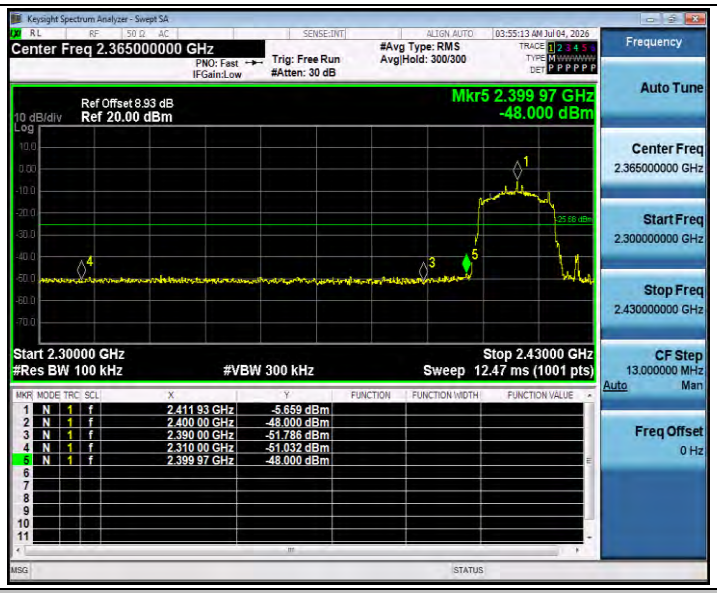
Appendix B.5:Band edge measurements

Test Result

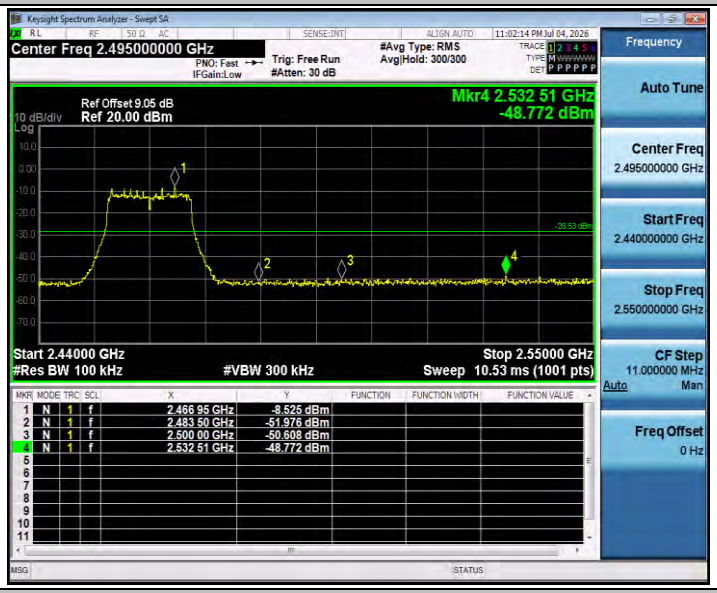
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-0.01	-46.21	≤-20.01	PASS
		High	2462	-1.58	-49.15	≤-20.85	PASS
11G	Ant1	Low	2412	-5.66	-48	≤-25.66	PASS
		High	2462	-8.53	-44.63	≤-25.54	PASS
11N20SISO	Ant1	Low	2412	-7.29	-47.46	≤-27.29	PASS
		High	2462	-8.24	-48.57	≤-28.24	PASS

Test Graphs

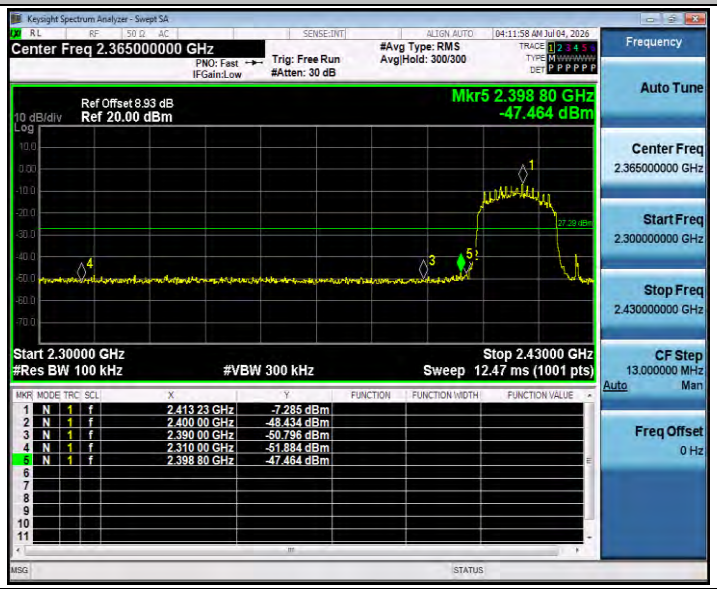
11B_Ant1_Low_2412

11B_Ant1_High_2462

11G_Ant1_Low_2412

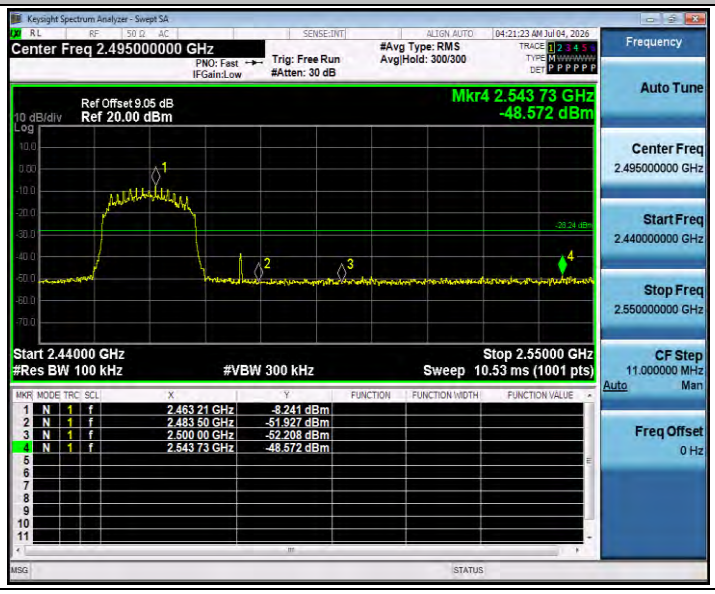


11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



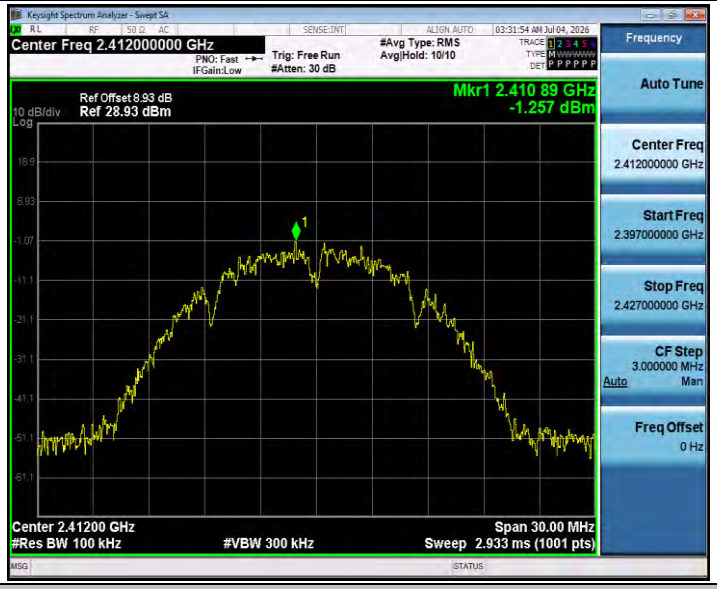
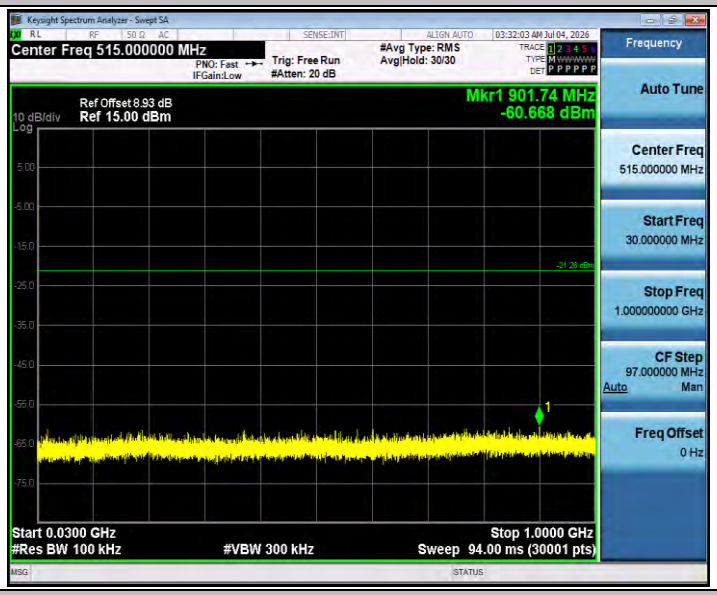
11N20SISO_Ant1_High_2462


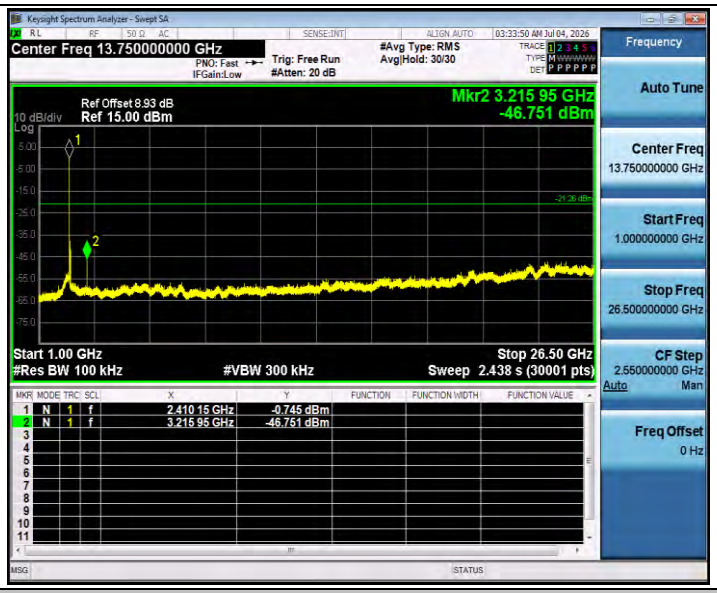
Appendix B.6:Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-1.26	-1.26	---	PASS
			30~1000	-1.26	-60.67	≤-21.26	PASS
			1000~26500	-1.26	-46.75	≤-21.26	PASS
		2437	Reference	-2.47	-2.47	---	PASS
			30~1000	-2.47	-60.37	≤-22.47	PASS
			1000~26500	-2.47	-47.26	≤-22.47	PASS
		2462	Reference	-1.94	-1.94	---	PASS
			30~1000	-1.94	-60.64	≤-21.94	PASS
			1000~26500	-1.94	-47.76	≤-21.94	PASS
11G	Ant1	2412	Reference	-4.63	-4.63	---	PASS
			30~1000	-4.63	-60.8	≤-24.63	PASS
			1000~26500	-4.63	-46.64	≤-24.63	PASS
		2437	Reference	-9.38	-9.38	---	PASS
			30~1000	-9.38	-59.46	≤-29.38	PASS
			1000~26500	-9.38	-46.63	≤-29.38	PASS
		2462	Reference	-10.64	-10.64	---	PASS
			30~1000	-10.64	-60.63	≤-30.64	PASS
			1000~26500	-10.64	-47.46	≤-30.64	PASS
11N20SISO	Ant1	2412	Reference	-7.35	-7.35	---	PASS
			30~1000	-7.35	-59.59	≤-27.35	PASS
			1000~26500	-7.35	-46.83	≤-27.35	PASS
		2437	Reference	-8.64	-8.64	---	PASS
			30~1000	-8.64	-60.38	≤-28.64	PASS
			1000~26500	-8.64	-47.21	≤-28.64	PASS
		2462	Reference	-8.87	-8.87	---	PASS
			30~1000	-8.87	-60.4	≤-28.87	PASS
			1000~26500	-8.87	-29.65	≤-28.87	PASS

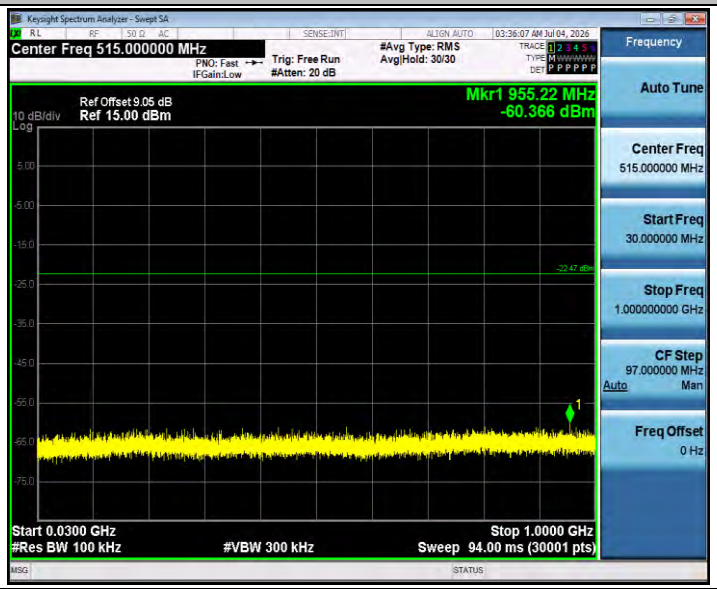
Test Graphs

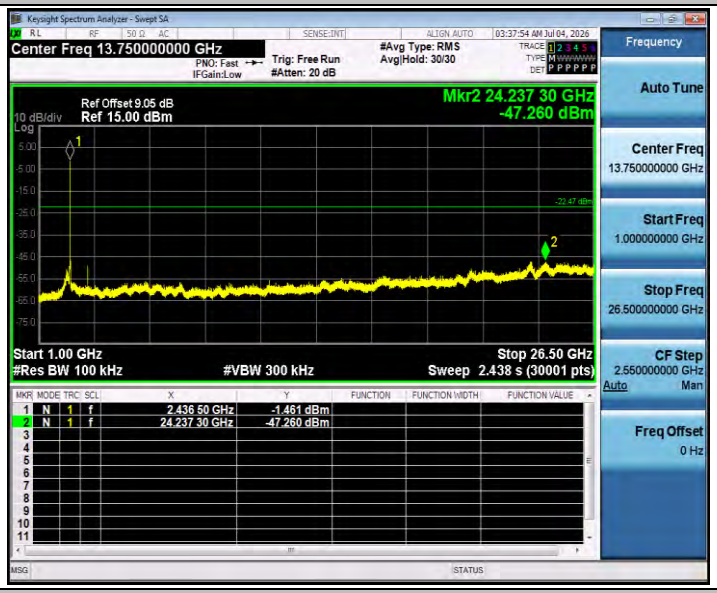
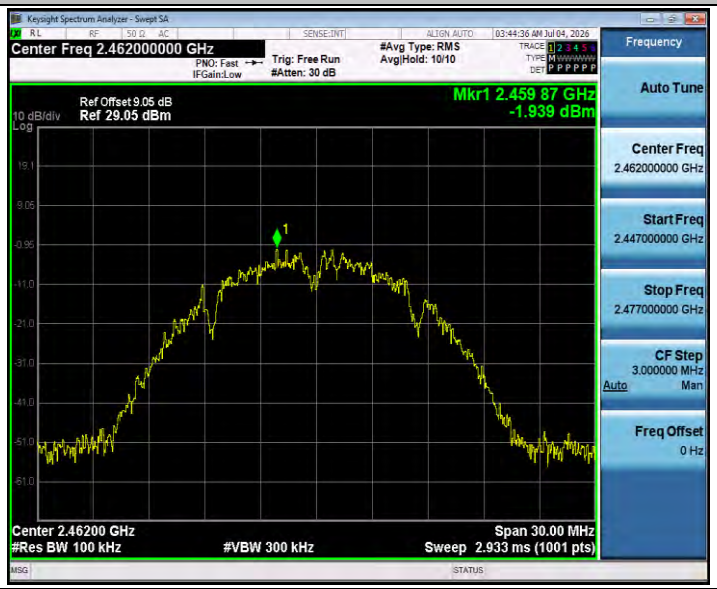
11B_Ant1_2412_0~Reference

11B_Ant1_2412_30~1000

11B_Ant1_2412_1000~26500



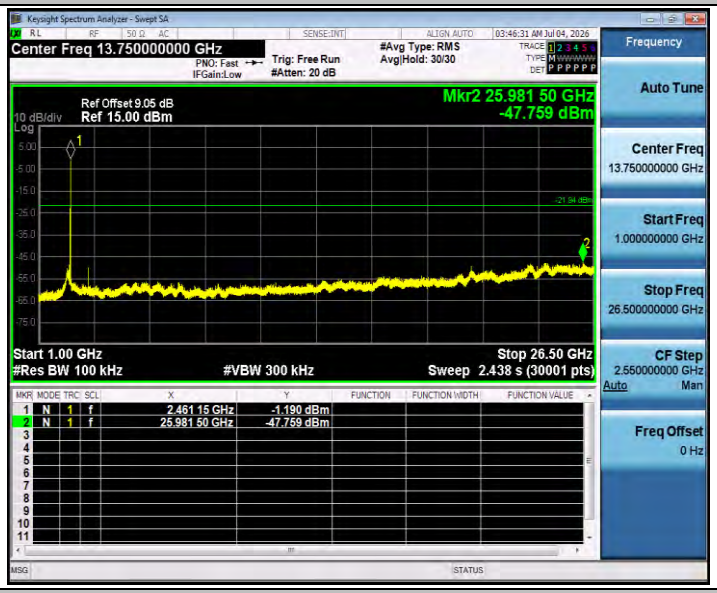
11B_Ant1_2437_0~Reference

11B_Ant1_2437_30~1000

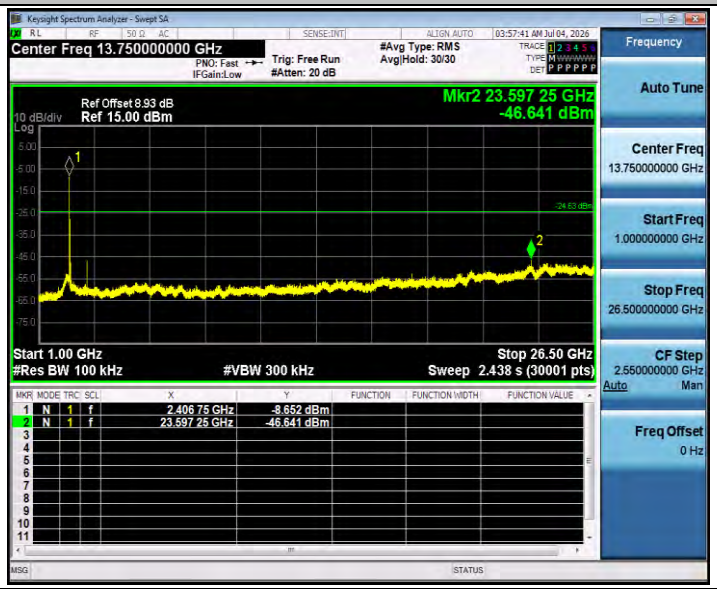


11B_Ant1_2437_1000~26500

11B_Ant1_2462_0~Reference

11B_Ant1_2462_30~1000

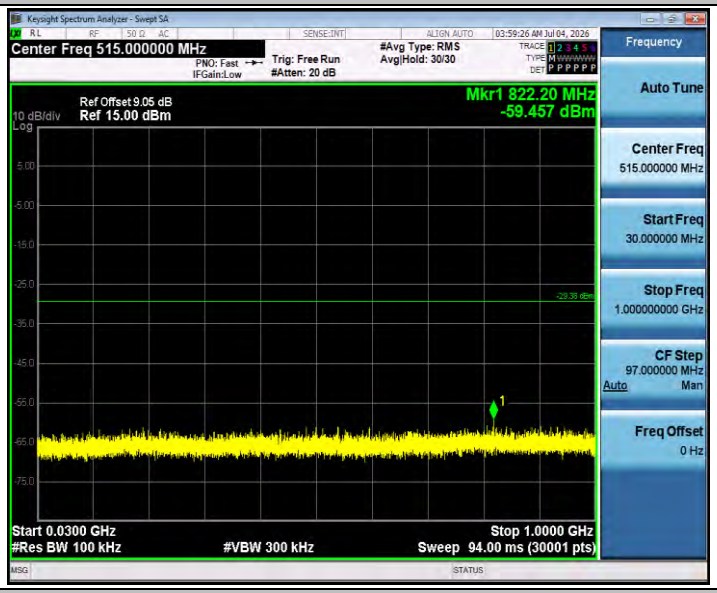
11B_Ant1_2462_1000~26500



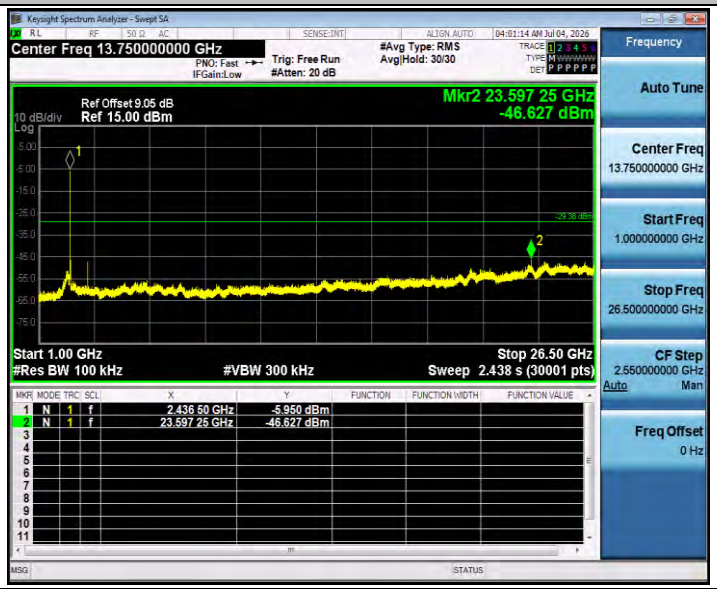
11G_Ant1_2412_0~Reference

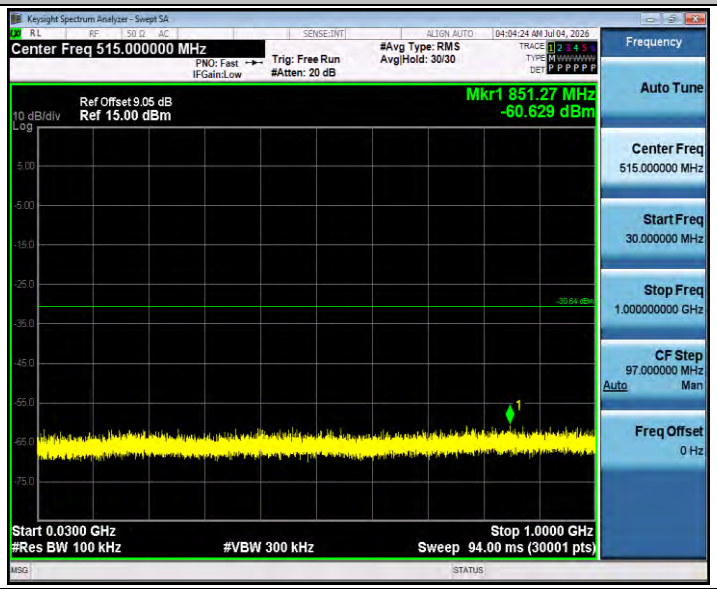
11G_Ant1_2412_30~1000
11G_Ant1_2412_1000~26500

11G_Ant1_2437_0~Reference

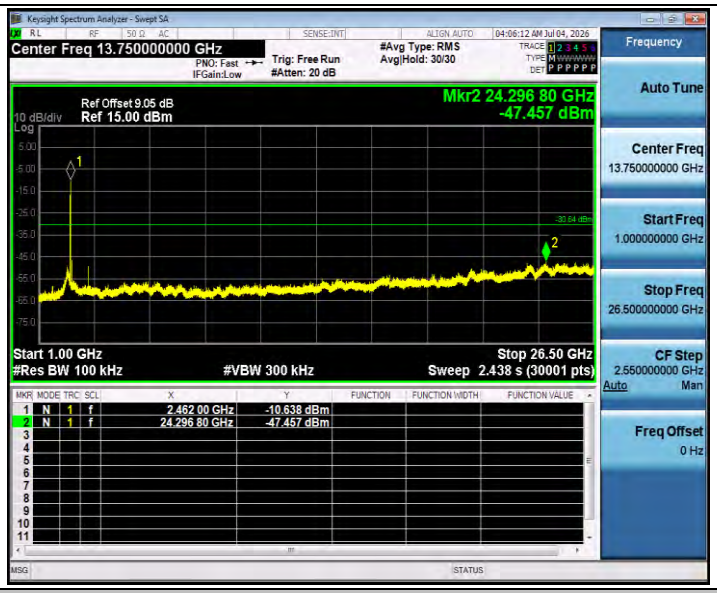
11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500

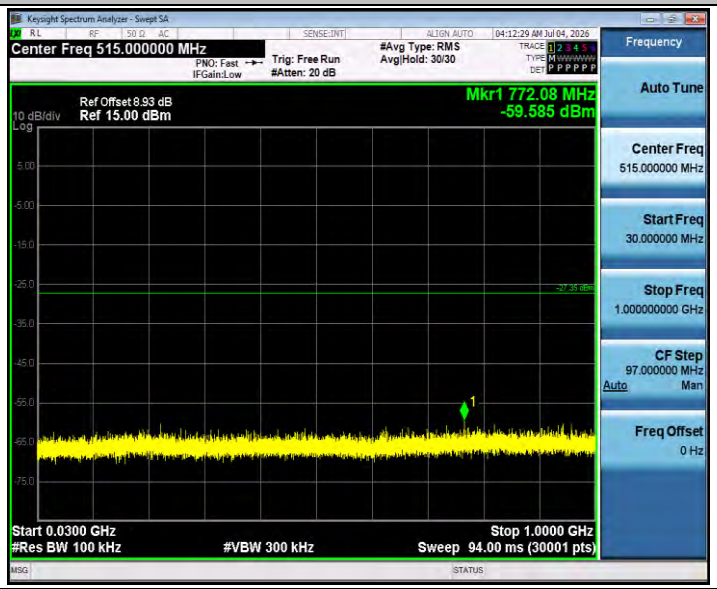


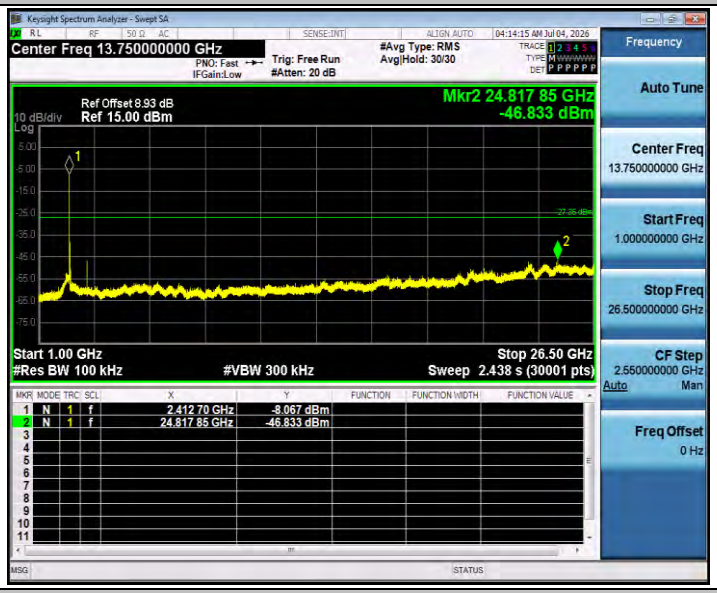
11G_Ant1_2462_0~Reference
11G_Ant1_2462_30~1000

11G_Ant1_2462_1000~26500

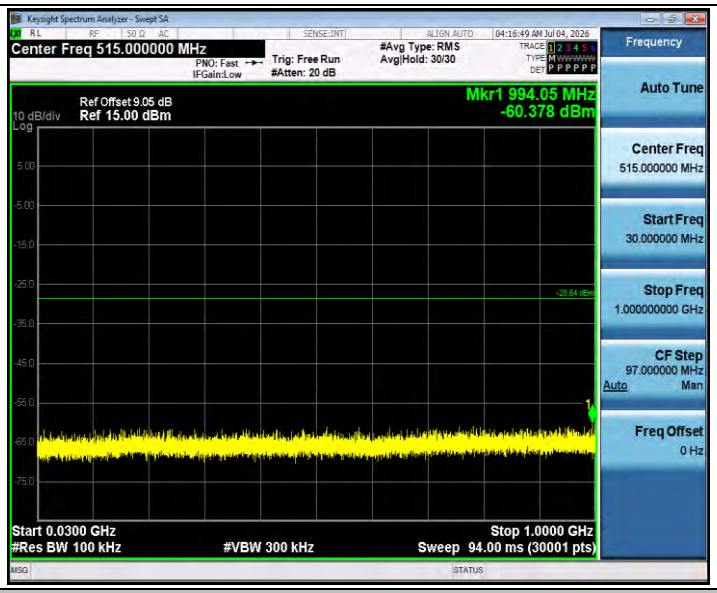


11N20SISO_Ant1_2412_0~Reference

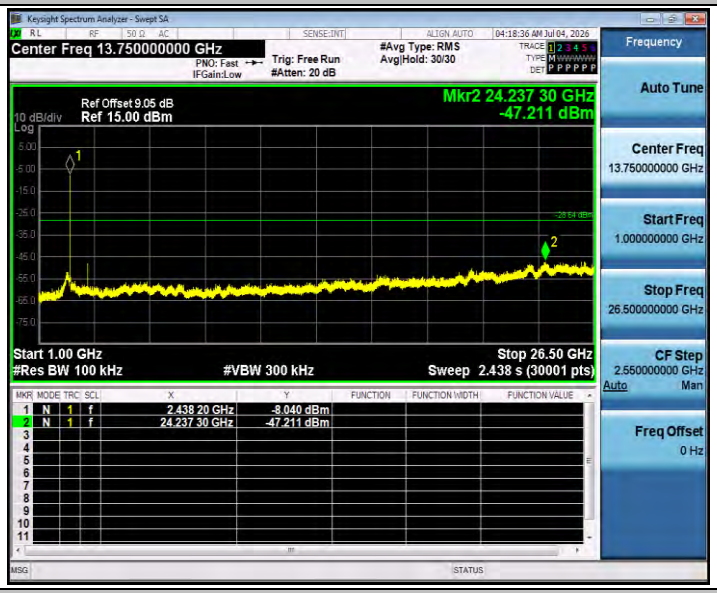
11N20SISO_Ant1_2412_30~1000



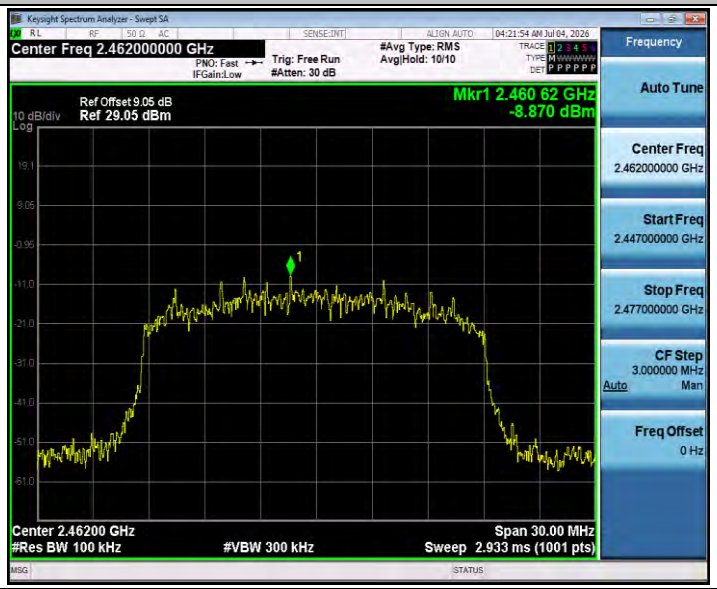
11N20SISO_Ant1_2412_1000~26500

11N20SISO_Ant1_2437_0~Reference
11N20SISO_Ant1_2437_30~1000

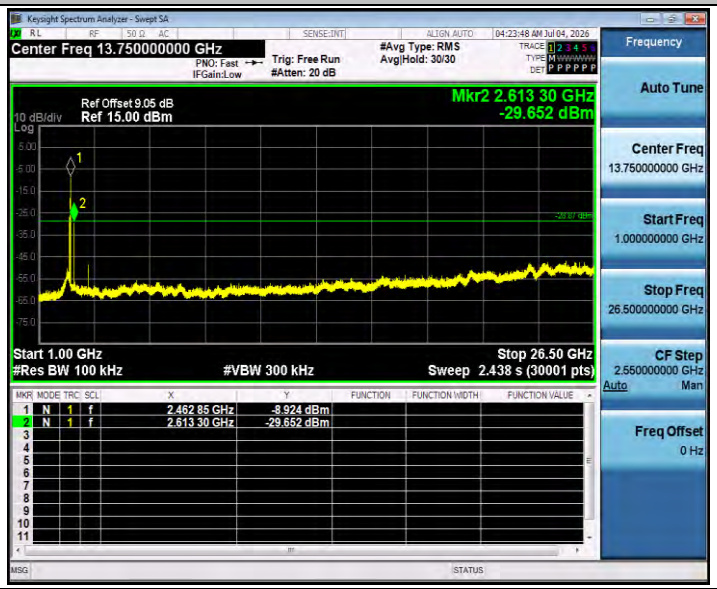


11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



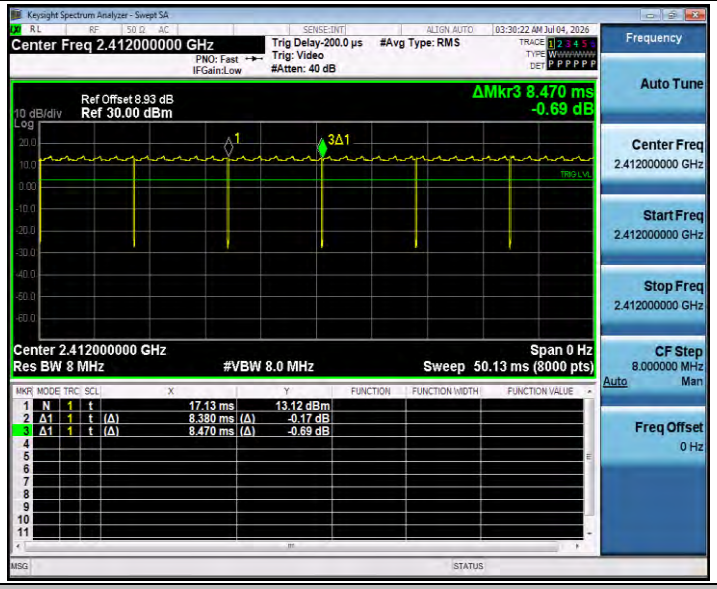
11N20SISO_Ant1_2462_30~1000
11N20SISO_Ant1_2462_1000~26500


Appendix B.7: Duty Cycle

Test Result

TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11B	Ant1	2412	8.38	8.47	98.94	0.05	0.12
		2437	8.38	8.47	98.94	0.05	0.12
		2462	8.38	8.47	98.94	0.05	0.12
11G	Ant1	2412	5.48	5.54	98.92	0.05	0.18
		2437	5.48	5.54	98.92	0.05	0.18
		2462	5.48	5.54	98.92	0.05	0.18
11N20SISO	Ant1	2412	0.16	0.17	94.12	0.26	6.25
		2437	0.16	0.17	94.12	0.26	6.25
		2462	0.16	0.16	100.00	0.00	6.25

Test Graphs

11B_Ant1_2412

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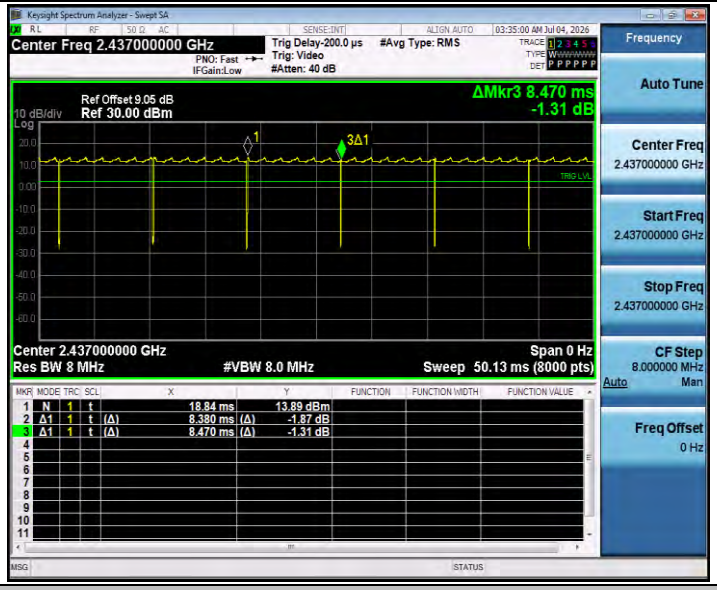
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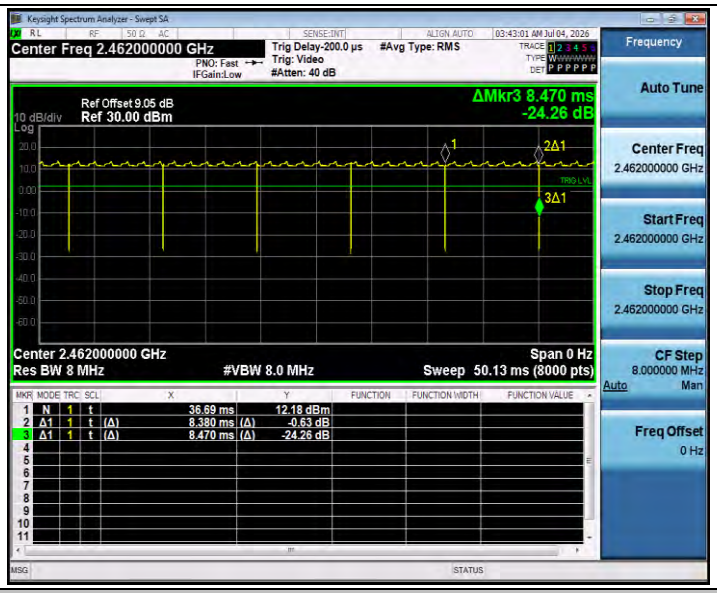

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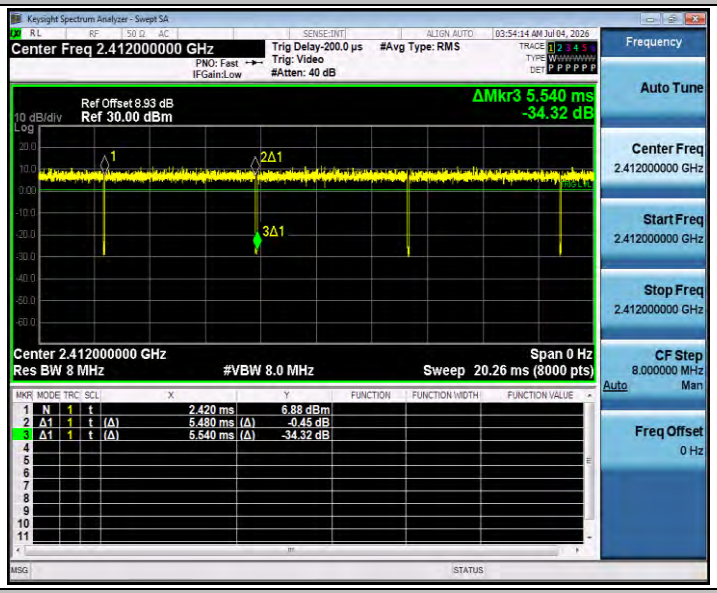

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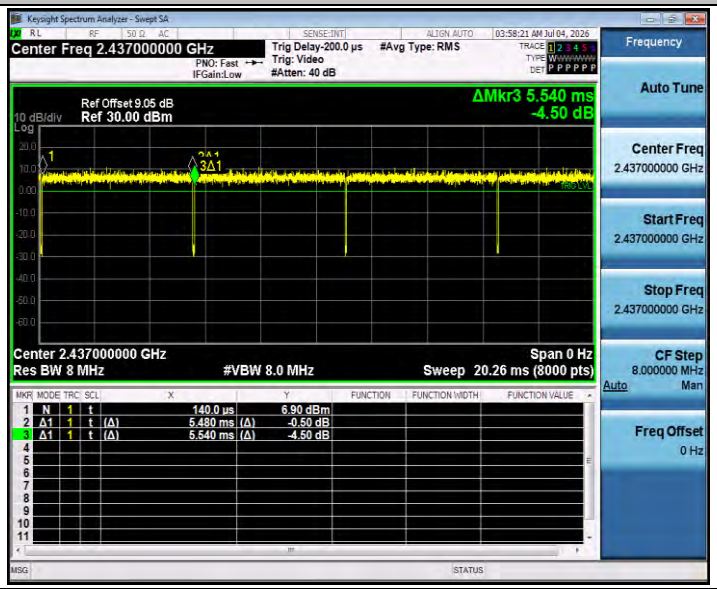

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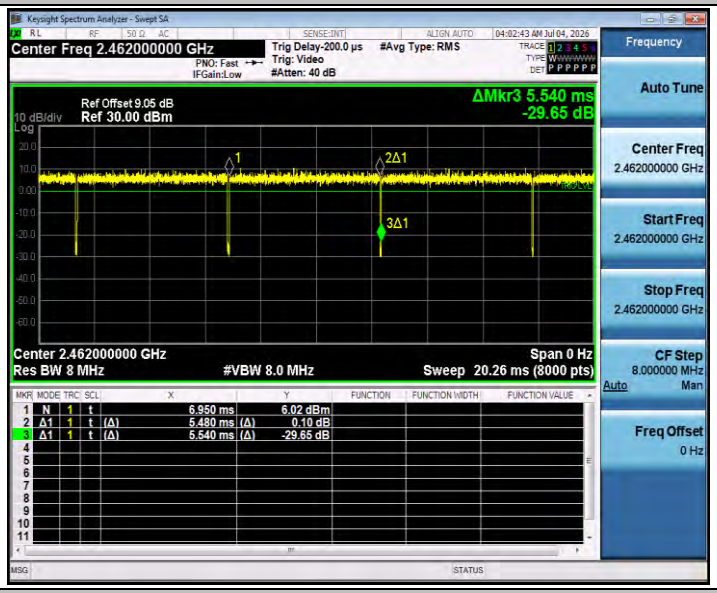
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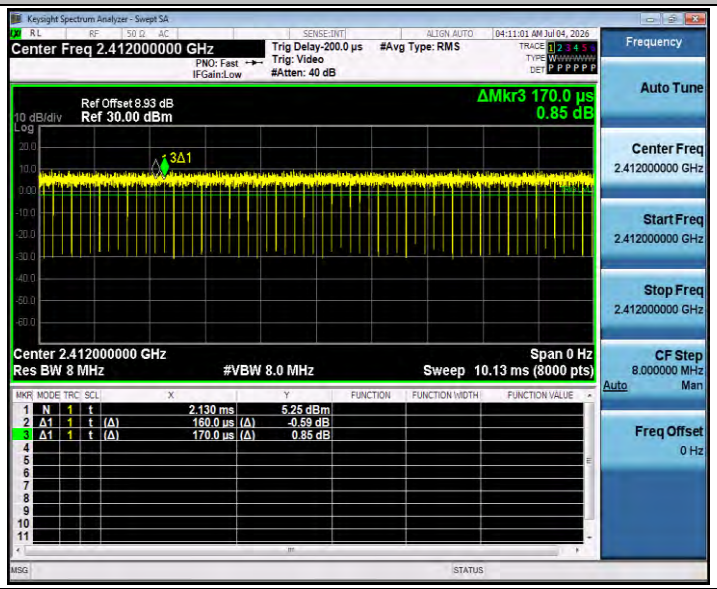
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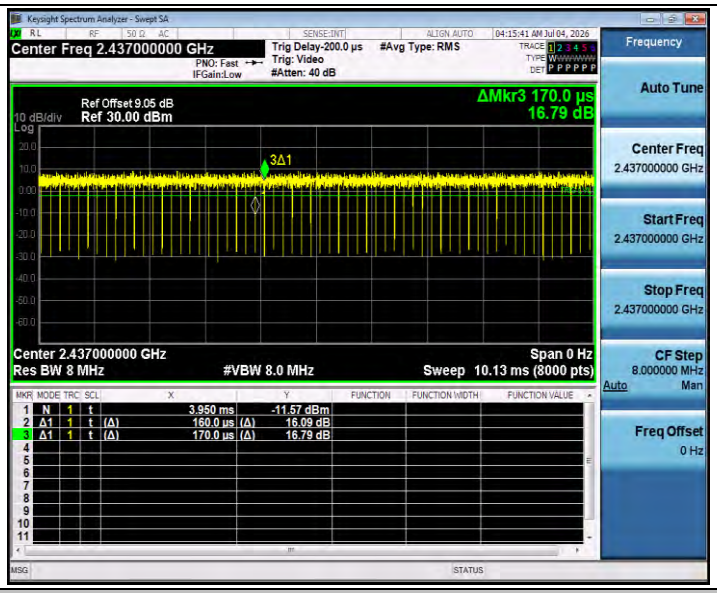

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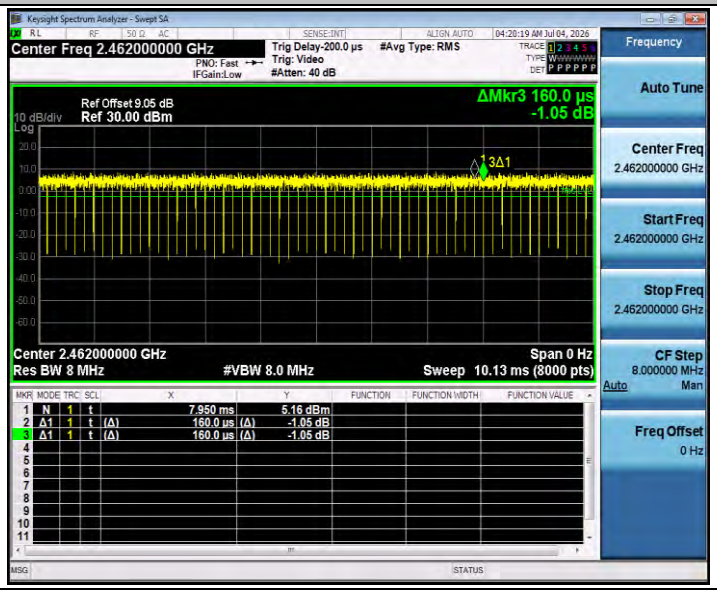


Appendix B.8:Emissions in Restricted Bands

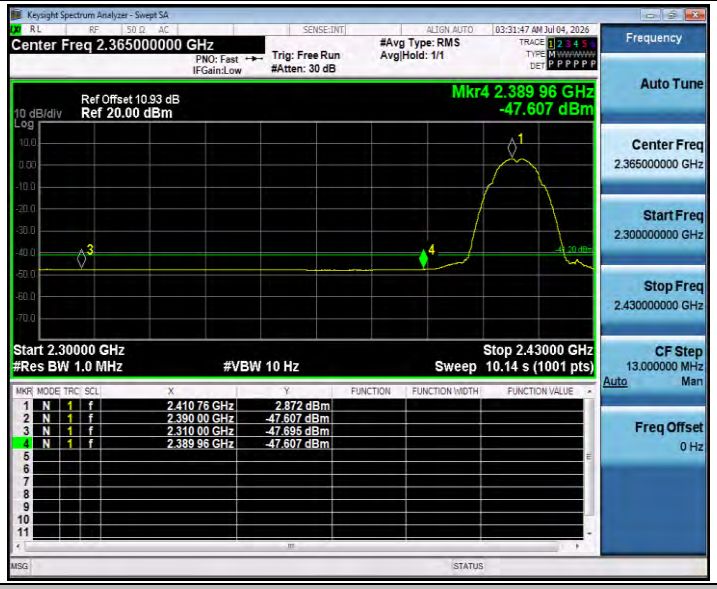
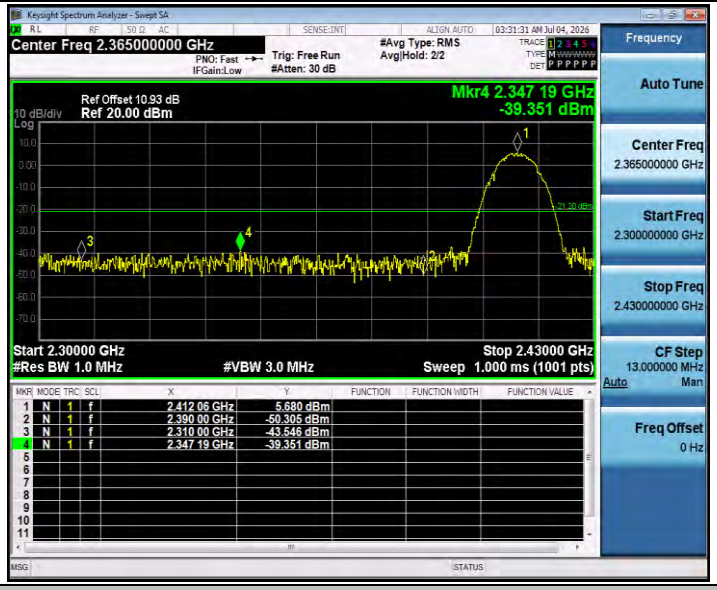
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-47.7	≤-41.20	47.50	≤54	PASS
				AV	2389.960	-47.61	≤-41.20	47.59	≤54	PASS
				AV	2390.000	-47.61	≤-41.20	47.59	≤54	PASS
				Peak	2310.000	-43.55	≤-21.20	51.65	≤74	PASS
				Peak	2347.190	-39.35	≤-21.20	55.85	≤74	PASS
				Peak	2390.000	-50.31	≤-21.20	44.89	≤74	PASS
		High	2462	AV	2483.500	-48.91	≤-41.20	46.29	≤54	PASS
				AV	2483.890	-48.68	≤-41.20	46.52	≤54	PASS
				AV	2500.000	-48.69	≤-41.20	46.51	≤54	PASS
				Peak	2483.500	-49.03	≤-21.20	46.17	≤74	PASS
				Peak	2484.440	-40.76	≤-21.20	54.44	≤74	PASS
				Peak	2500.000	-44.81	≤-21.20	50.39	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-47.68	≤-41.20	47.52	≤54	PASS
				AV	2339.390	-47.59	≤-41.20	47.61	≤54	PASS
				AV	2390.000	-47.98	≤-41.20	47.22	≤54	PASS
				Peak	2310.000	-45.23	≤-21.20	49.97	≤74	PASS
				Peak	2351.610	-38.76	≤-21.20	56.44	≤74	PASS
				Peak	2390.000	-42.83	≤-21.20	52.37	≤74	PASS
		High	2462	AV	2483.500	-48.95	≤-41.20	46.25	≤54	PASS
				AV	2484.660	-48.75	≤-41.20	46.45	≤54	PASS
				AV	2500.000	-48.78	≤-41.20	46.42	≤54	PASS
				Peak	2483.500	-42.22	≤-21.20	52.98	≤74	PASS
				Peak	2487.410	-40.89	≤-21.20	54.31	≤74	PASS
				Peak	2500.000	-46.3	≤-21.20	48.90	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-47.96	≤-41.20	47.24	≤54	PASS
				AV	2381.380	-45.96	≤-41.20	49.24	≤54	PASS
				AV	2390.000	-47.01	≤-41.20	48.19	≤54	PASS
				Peak	2310.000	-45.2	≤-21.20	50.00	≤74	PASS
				Peak	2386.970	-38.83	≤-21.20	56.37	≤74	PASS
				Peak	2390.000	-46.24	≤-21.20	48.96	≤74	PASS
		High	2462	AV	2483.500	-48.44	≤-41.20	46.76	≤54	PASS
				AV	2483.670	-48.42	≤-41.20	46.78	≤54	PASS
				AV	2500.000	-48.47	≤-41.20	46.73	≤54	PASS
				Peak	2483.500	-47.77	≤-21.20	47.43	≤74	PASS
				Peak	2495.330	-41.02	≤-21.20	54.18	≤74	PASS
				Peak	2500.000	-42.54	≤-21.20	52.66	≤74	PASS

Note：

1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. 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

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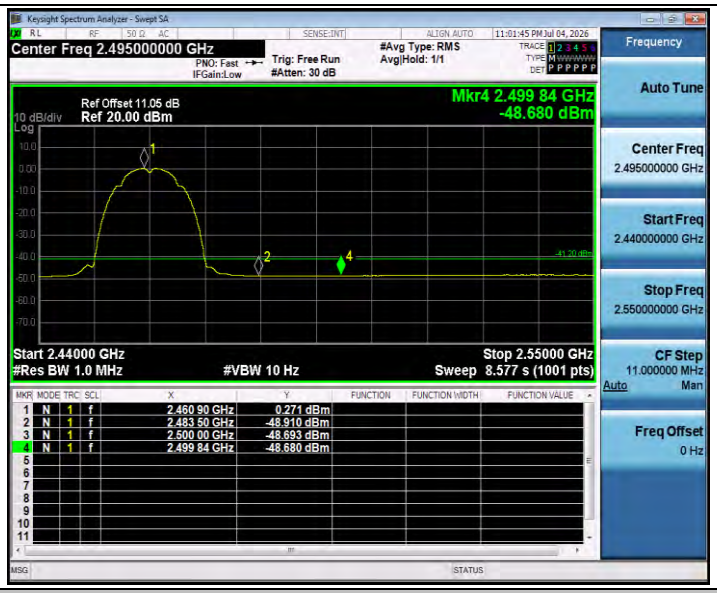

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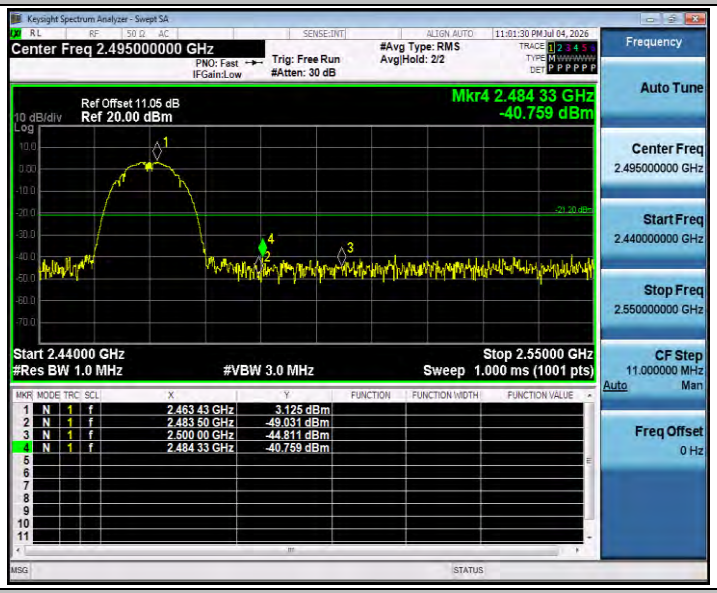

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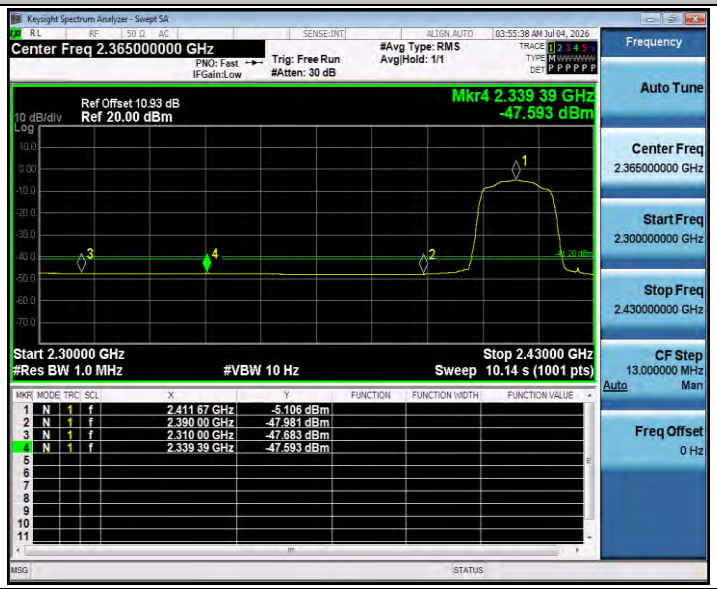

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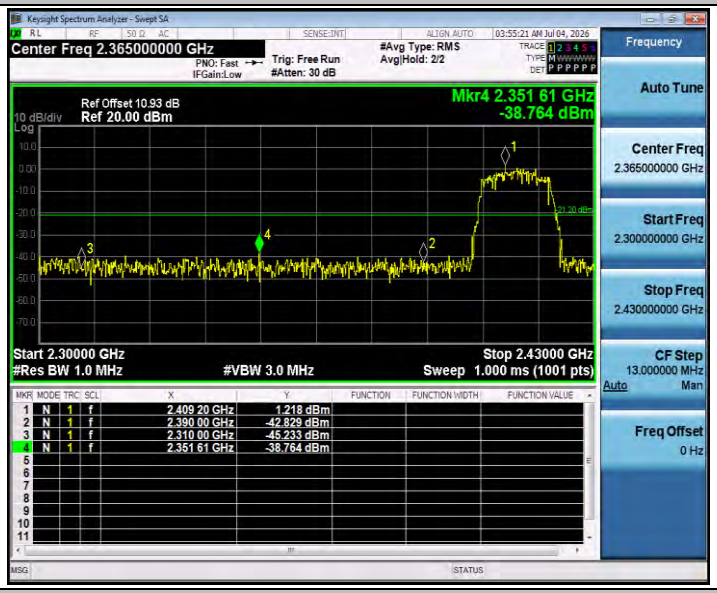
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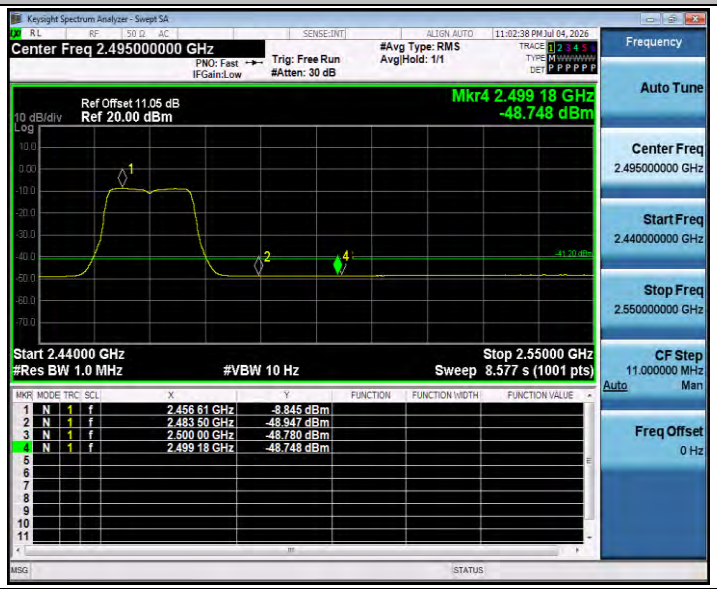
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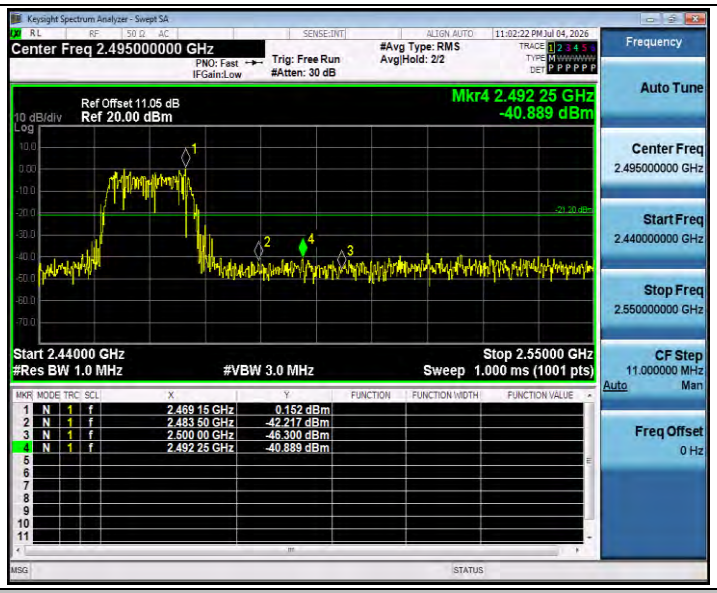

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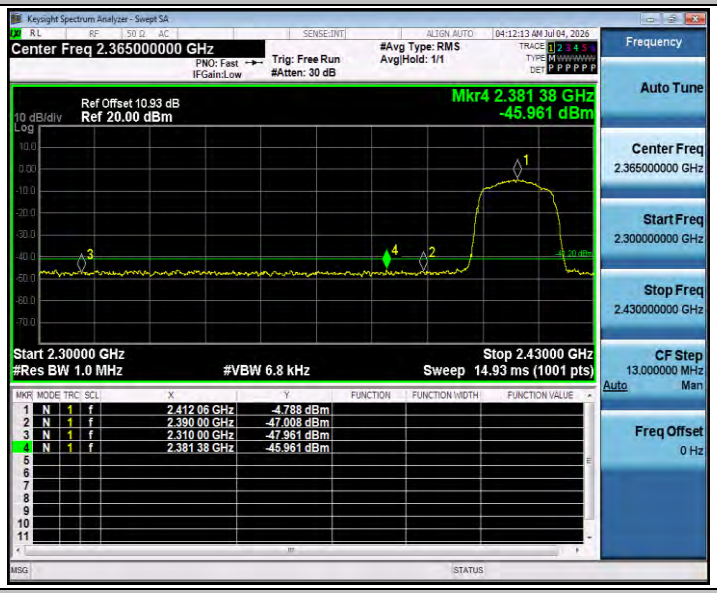

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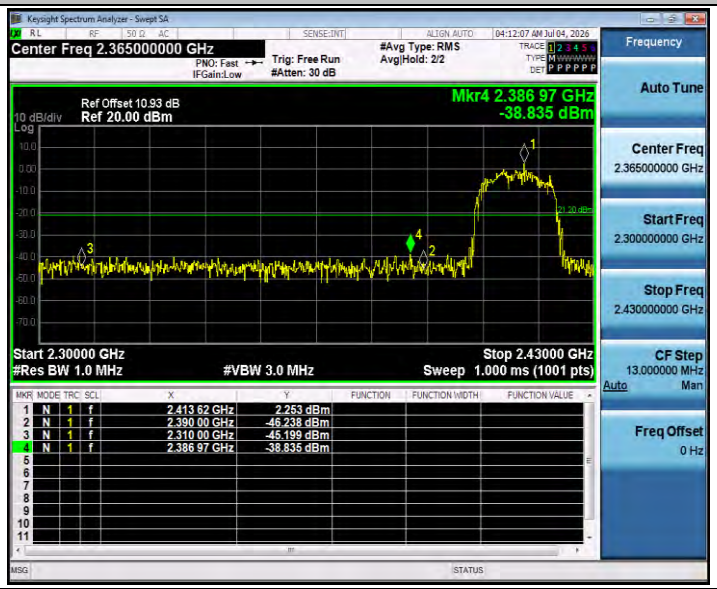

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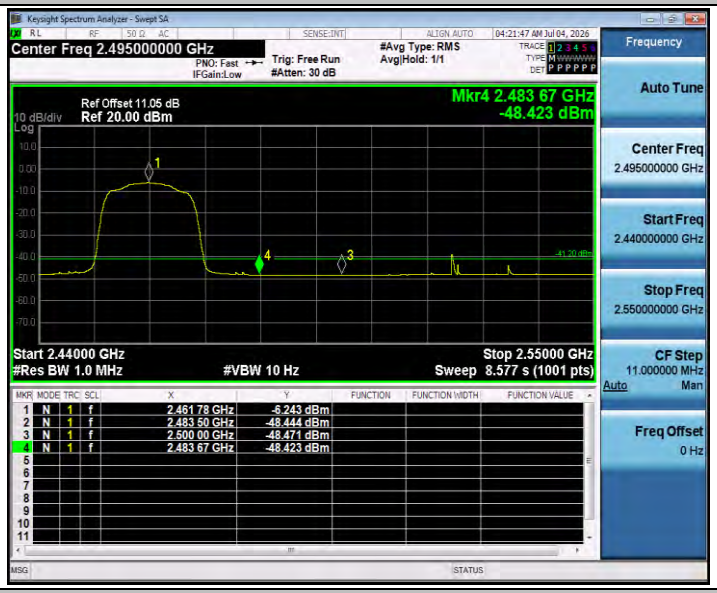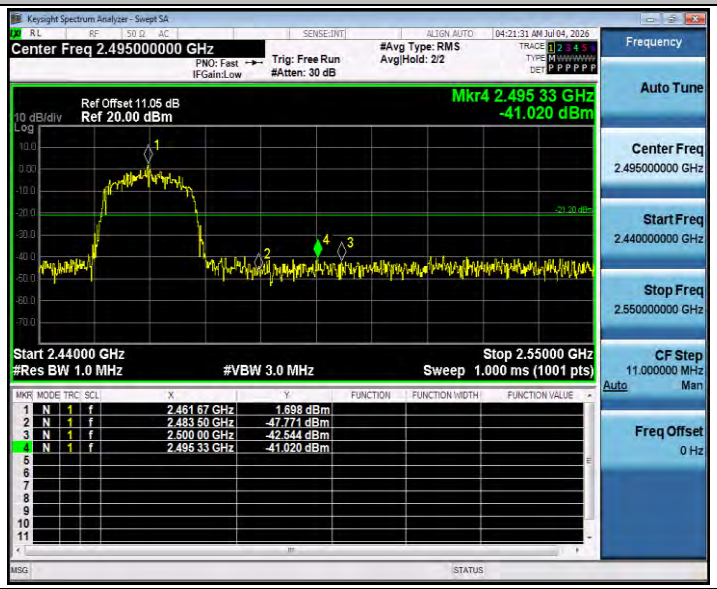
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