

RF Test Data for 2.4G Wi-Fi (Conducted Measurements)

General Description of EUT	
EUT Name:	AINote
Model:	B1051
Sample ID:	HC-C-202410-0003-01-02-2#
Environmental Conditions	
Ambient Temperature:	25.4℃
Ambient Humidity:	42%RH
Test Power Supply:	DC 3.85V
Test Engineer:	Jolin Lee
Note: For a more detailed features description, please refer to the report TBR-C-202410-0003-82	

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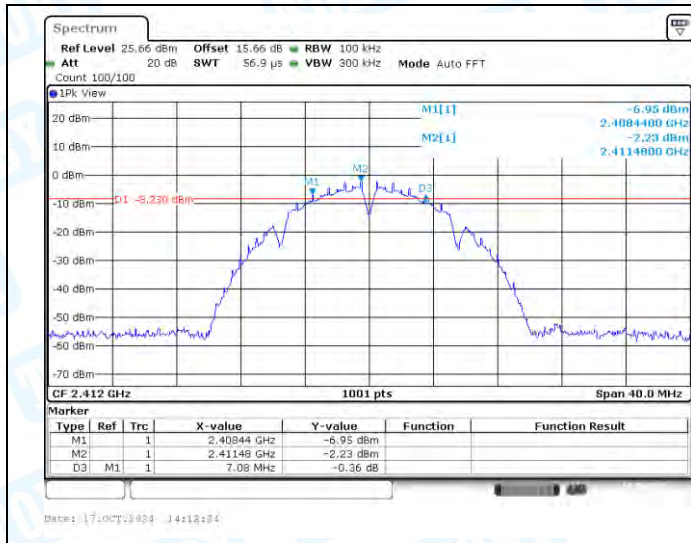
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1: DTS Bandwidth

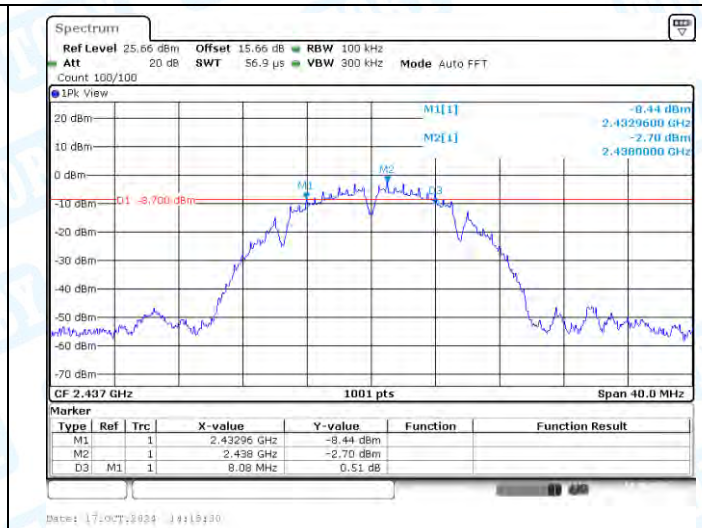
1.1 Test Result

TestMode	Ant.	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.08	2408.44	2415.52	0.5	PASS
11B	Ant1	2437	8.08	2432.96	2441.04	0.5	PASS
11B	Ant1	2462	7.08	2458.44	2465.52	0.5	PASS
11G	Ant1	2412	15.32	2404.20	2419.52	0.5	PASS
11G	Ant1	2437	16.32	2428.84	2445.16	0.5	PASS
11G	Ant1	2462	16.28	2453.84	2470.12	0.5	PASS
11N20SISO	Ant1	2412	17.00	2403.48	2420.48	0.5	PASS
11N20SISO	Ant1	2437	17.56	2428.20	2445.76	0.5	PASS
11N20SISO	Ant1	2462	16.64	2453.48	2470.12	0.5	PASS
11N40SISO	Ant1	2422	36.32	2403.84	2440.16	0.5	PASS
11N40SISO	Ant1	2437	36.48	2418.76	2455.24	0.5	PASS
11N40SISO	Ant1	2452	36.32	2433.84	2470.16	0.5	PASS
11AX20SISO	Ant1	2412	18.16	2403.08	2421.24	0.5	PASS
11AX20SISO	Ant1	2437	18.72	2427.76	2446.48	0.5	PASS
11AX20SISO	Ant1	2462	18.24	2452.92	2471.16	0.5	PASS
11AX40SISO	Ant1	2422	37.44	2403.36	2440.80	0.5	PASS
11AX40SISO	Ant1	2437	38.16	2417.88	2456.04	0.5	PASS
11AX40SISO	Ant1	2452	37.68	2433.28	2470.96	0.5	PASS

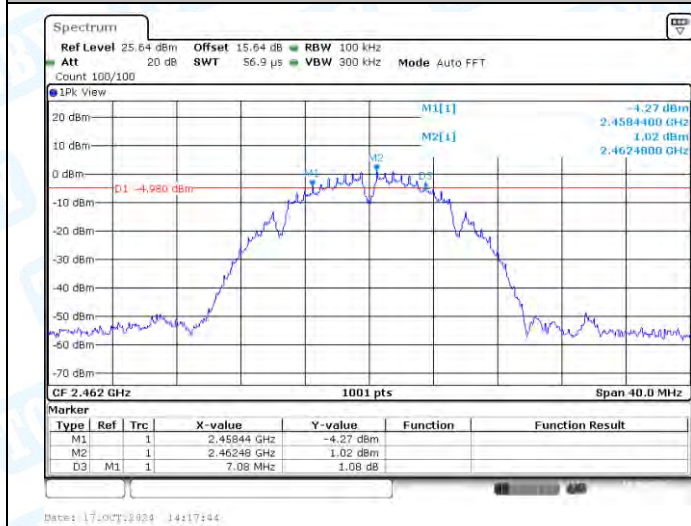
1.2 Test Graphs



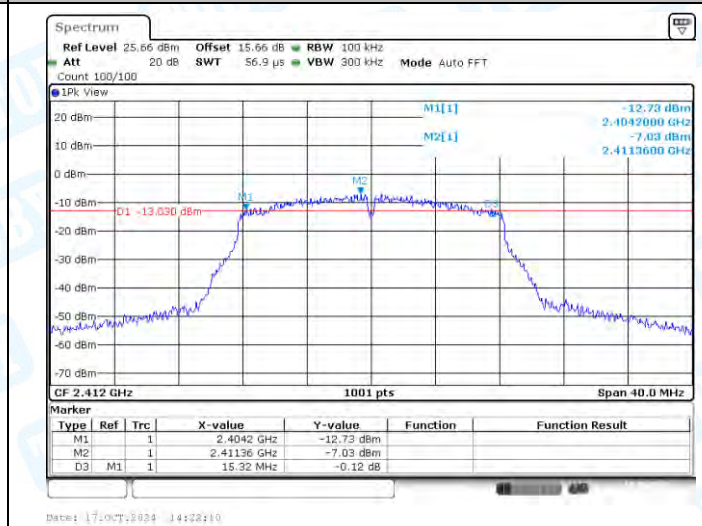
11B-Ant1-2412-PASS



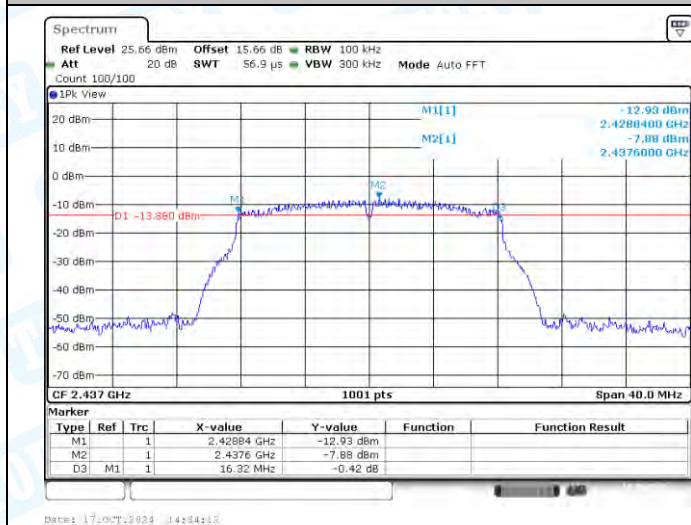
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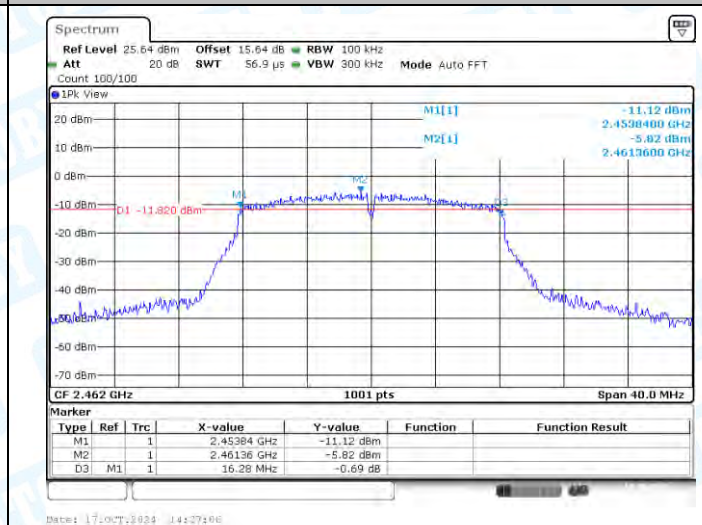
11B-Ant1-2462-PASS



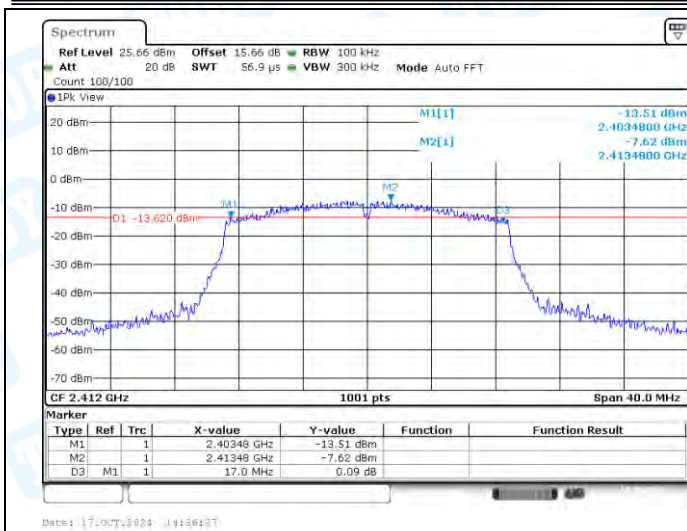
11G-Ant1-2412-PASS



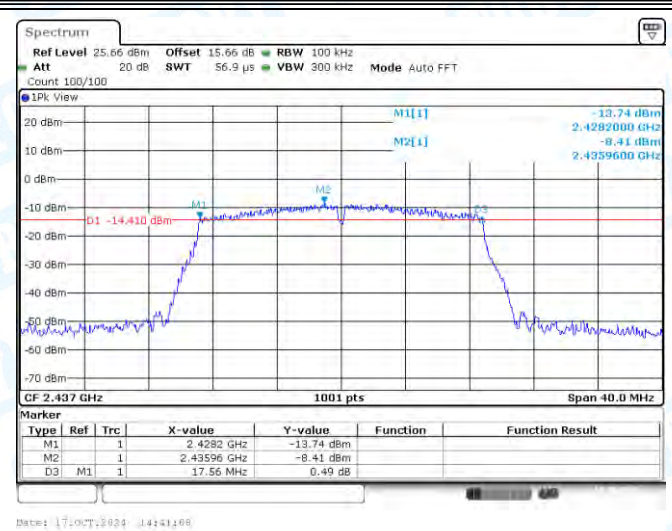
11G-Ant1-2437-PASS



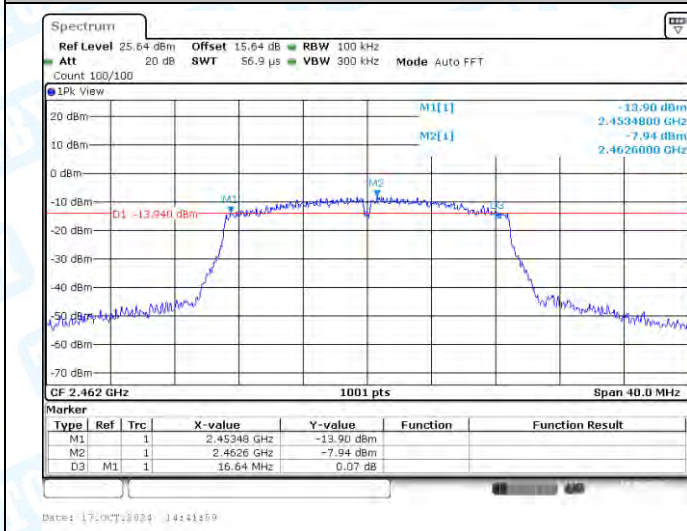
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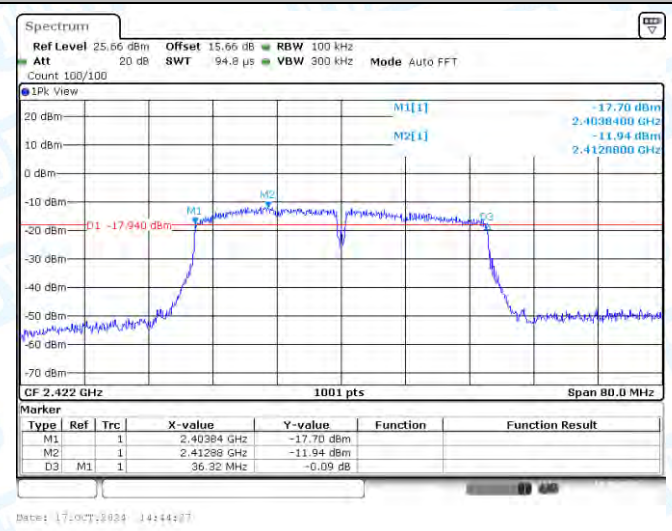
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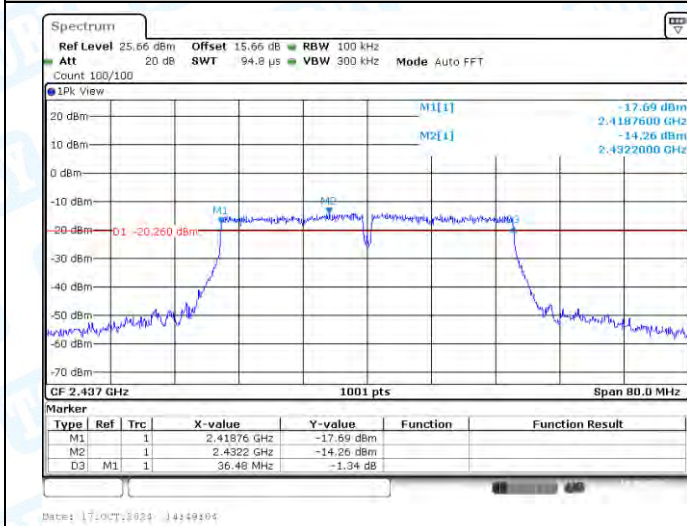
11N20SISO-Ant1-2437-PASS



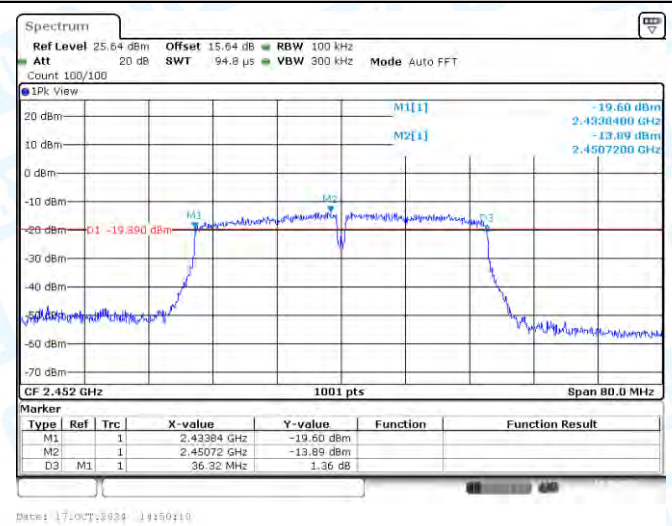
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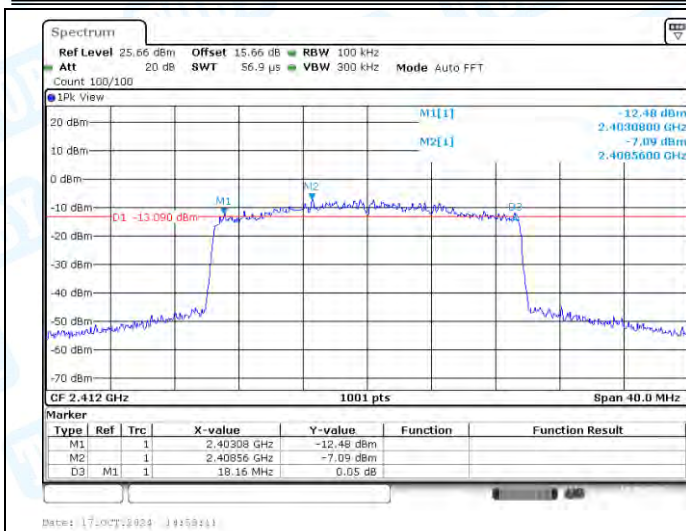
11N40SISO-Ant1-2422-PASS



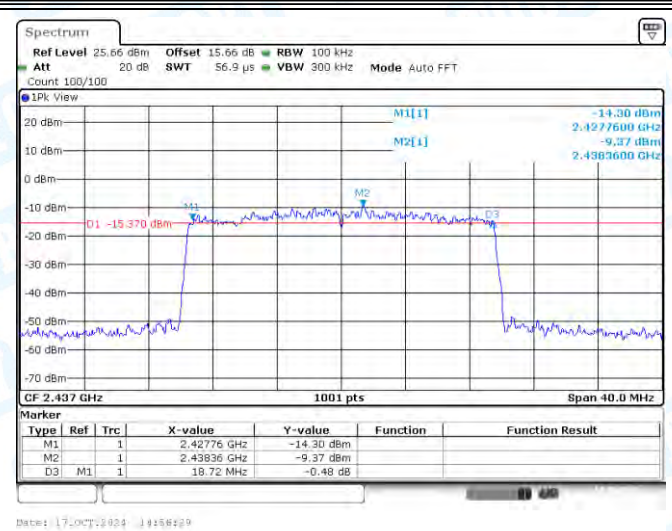
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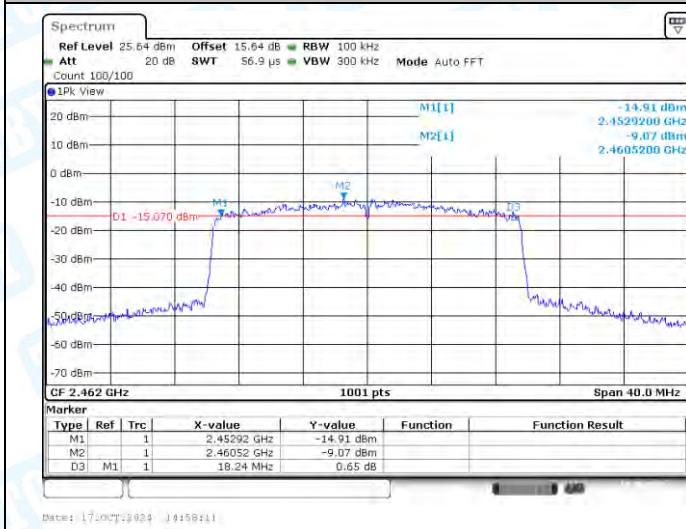
11N40SISO-Ant1-2452-PASS



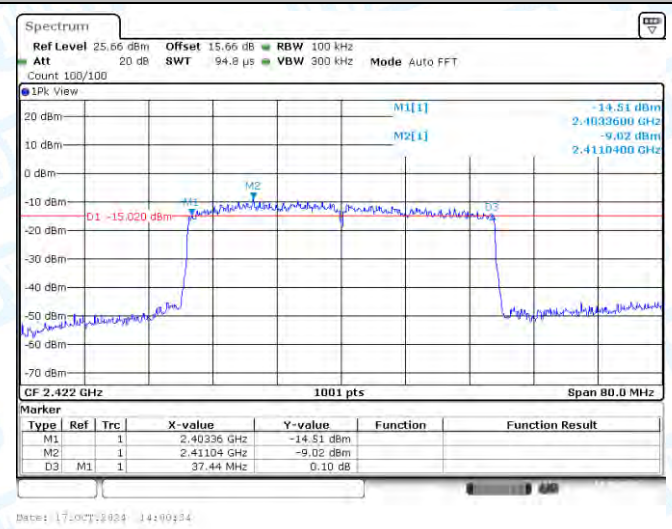
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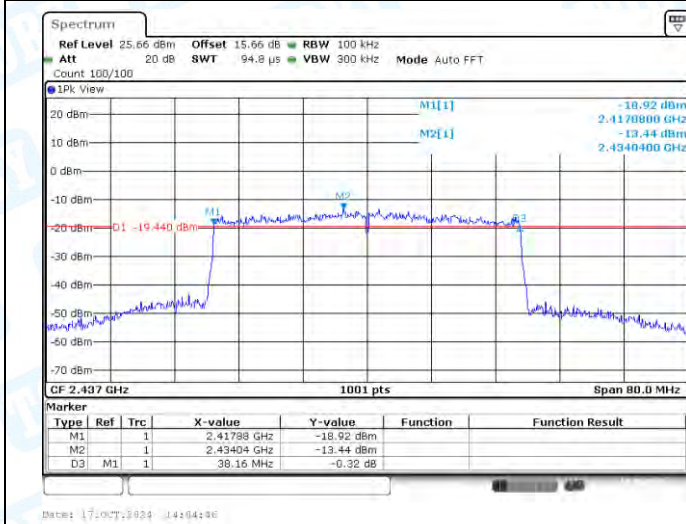
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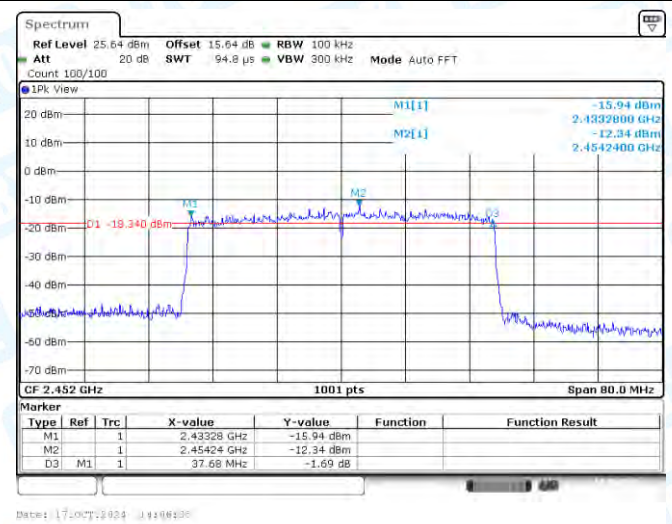
11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2437-PASS



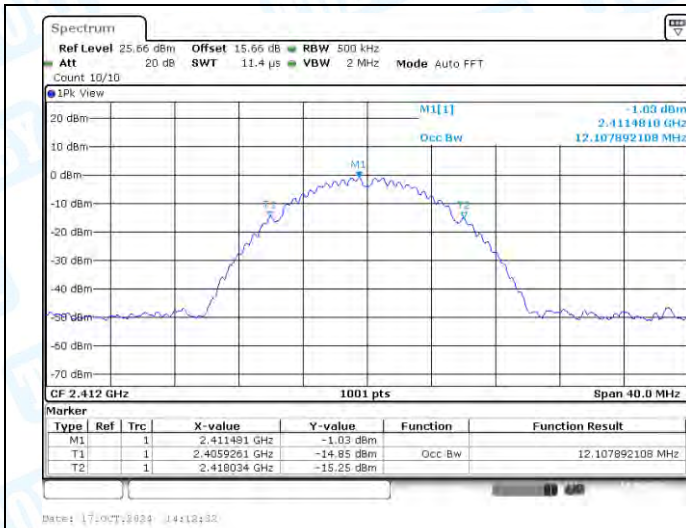
11AX40SISO-Ant1-2452-PASS

2: Occupied Channel Bandwidth

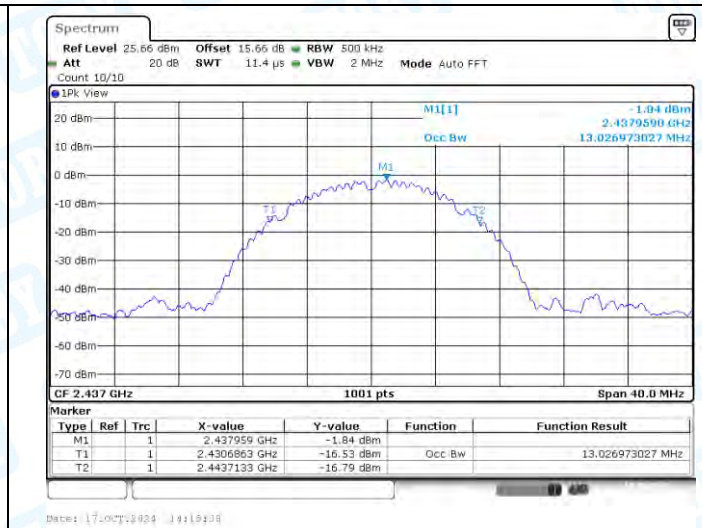
2.1 Test Result

TestMode	Ant.	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.108	2405.9261	2418.0340	---	---
11B	Ant1	2437	13.027	2430.6863	2443.7133	---	---
11B	Ant1	2462	12.148	2455.8861	2468.0340	---	---
11G	Ant1	2412	16.743	2403.4086	2420.1518	---	---
11G	Ant1	2437	17.063	2428.4486	2445.5115	---	---
11G	Ant1	2462	16.543	2453.6883	2470.2318	---	---
11N20SISO	Ant1	2412	17.542	2403.2088	2420.7512	---	---
11N20SISO	Ant1	2437	17.982	2428.0490	2446.0310	---	---
11N20SISO	Ant1	2462	17.582	2453.1688	2470.7512	---	---
11N40SISO	Ant1	2422	35.964	2404.0180	2439.9820	---	---
11N40SISO	Ant1	2437	37.003	2418.4585	2455.4615	---	---
11N40SISO	Ant1	2452	36.204	2433.7782	2469.9820	---	---
11AX20SISO	Ant1	2412	18.661	2402.7293	2421.3906	---	---
11AX20SISO	Ant1	2437	18.821	2427.6094	2446.4306	---	---
11AX20SISO	Ant1	2462	18.821	2452.5694	2471.3906	---	---
11AX40SISO	Ant1	2422	37.722	2403.0589	2440.7812	---	---
11AX40SISO	Ant1	2437	37.722	2418.0589	2455.7812	---	---
11AX40SISO	Ant1	2452	37.642	2433.2188	2470.8611	---	---

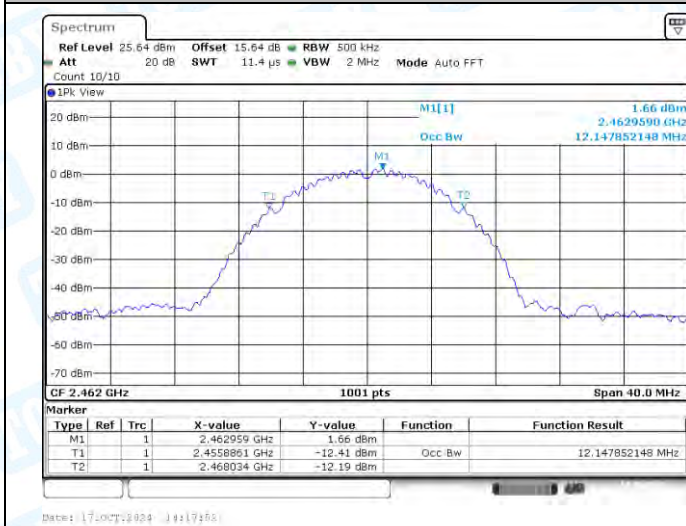
2.2 Test Graphs



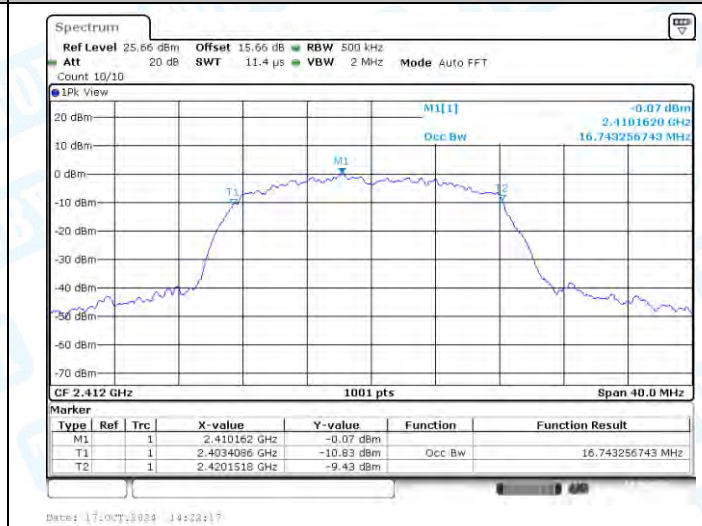
11B-Ant1-2412



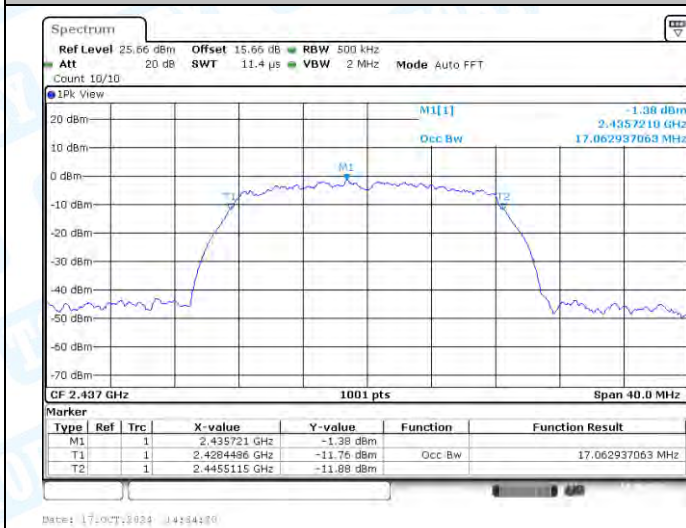
11B-Ant1-2437



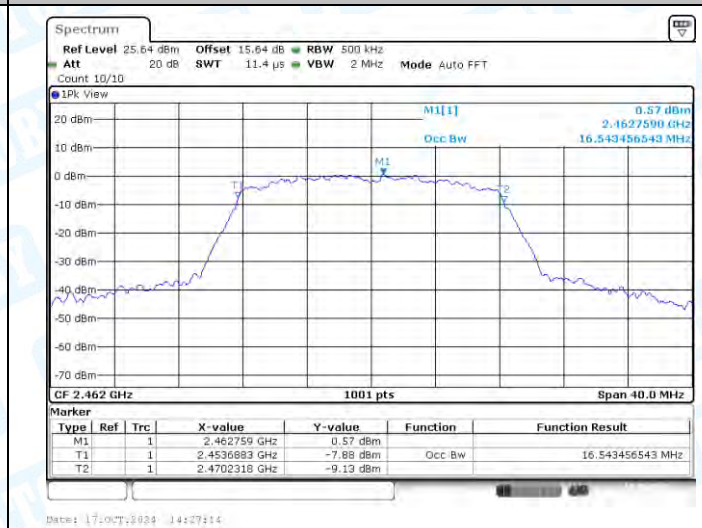
11B-Ant1-2462



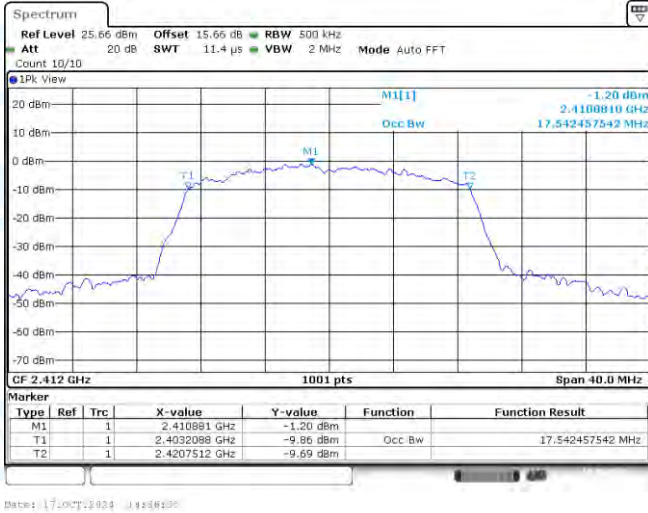
11G-Ant1-2412



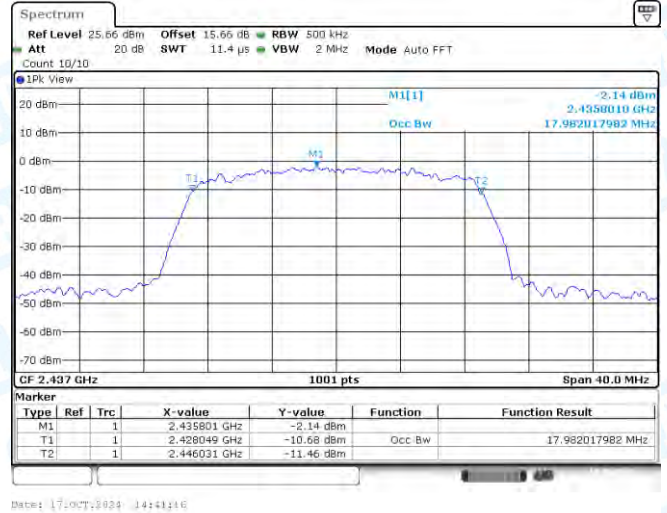
11G-Ant1-2437



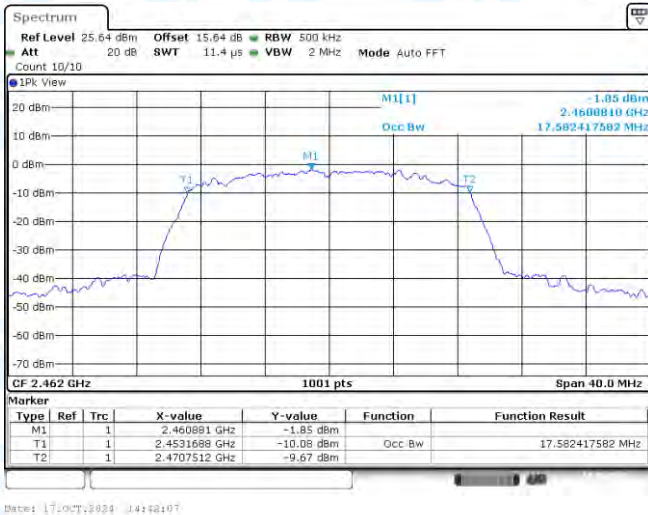
11G-Ant1-2462



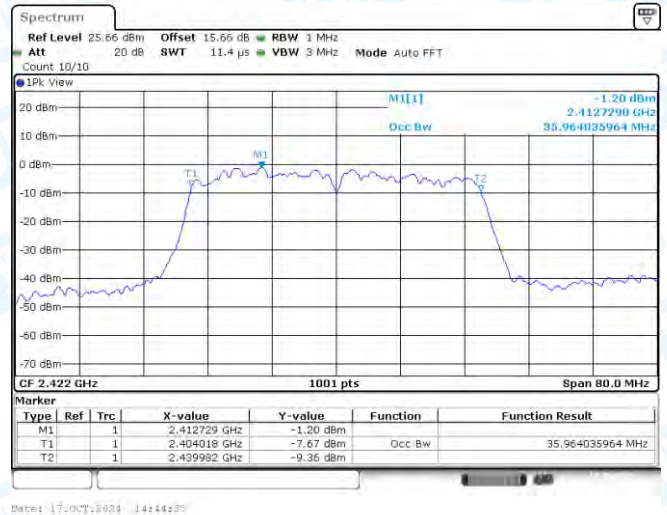
11N20SISO-Ant1-2412



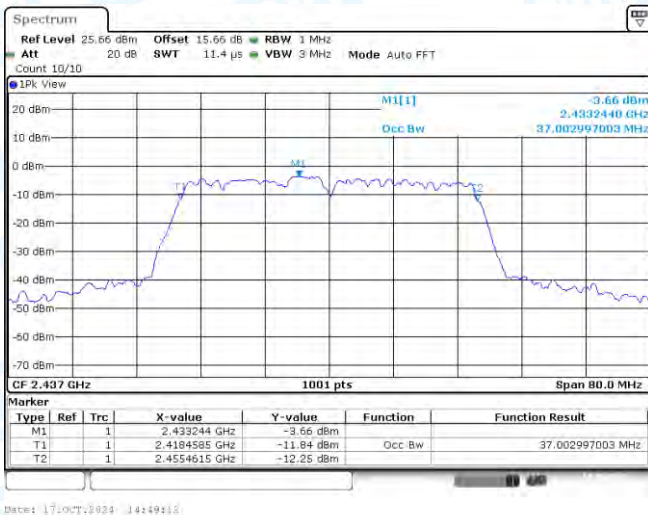
11N20SISO-Ant1-2437



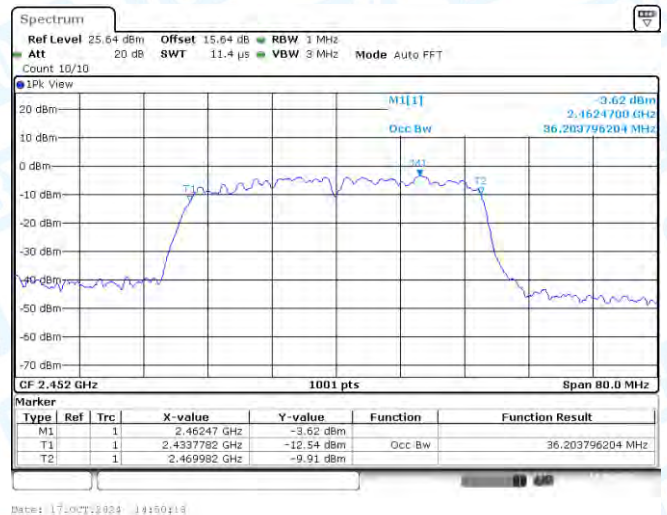
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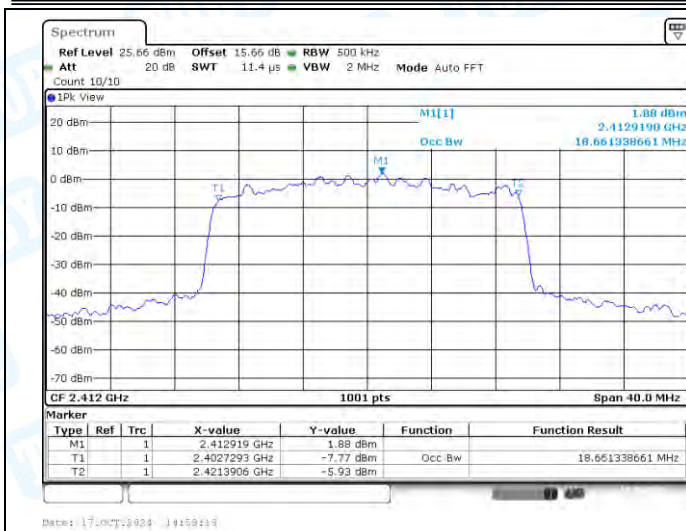
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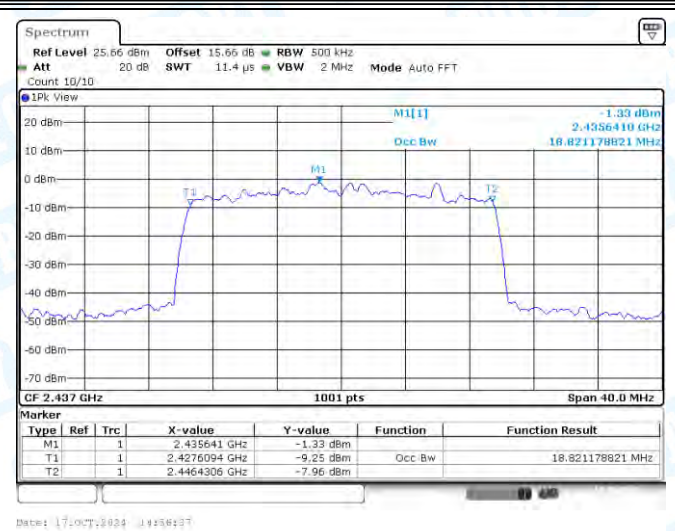
11N40SISO-Ant1-2437



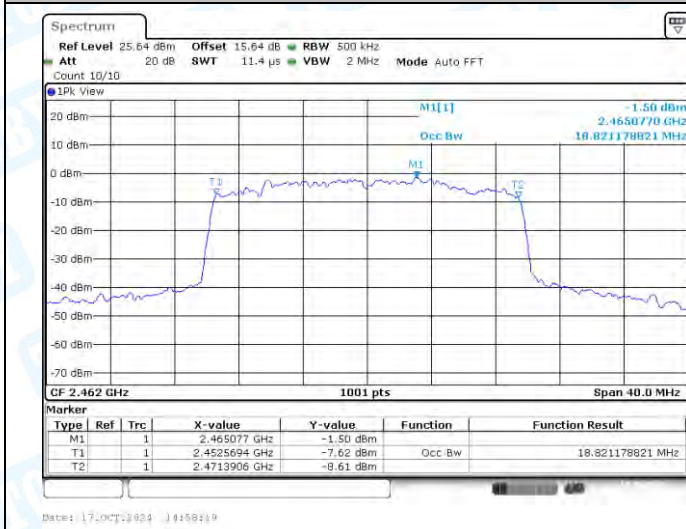
11N40SISO-Ant1-2452



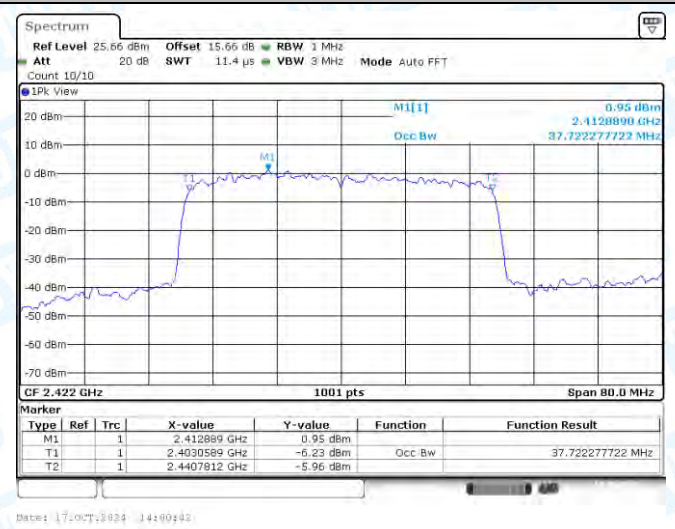
11AX20SISO-Ant1-2412



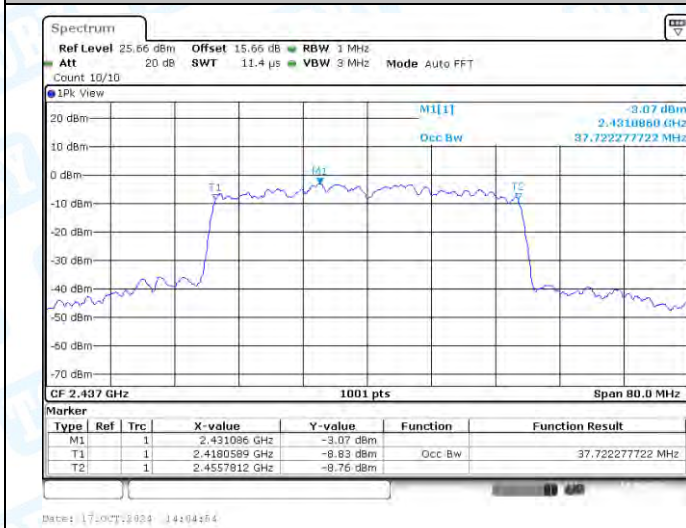
11AX20SISO-Ant1-2437



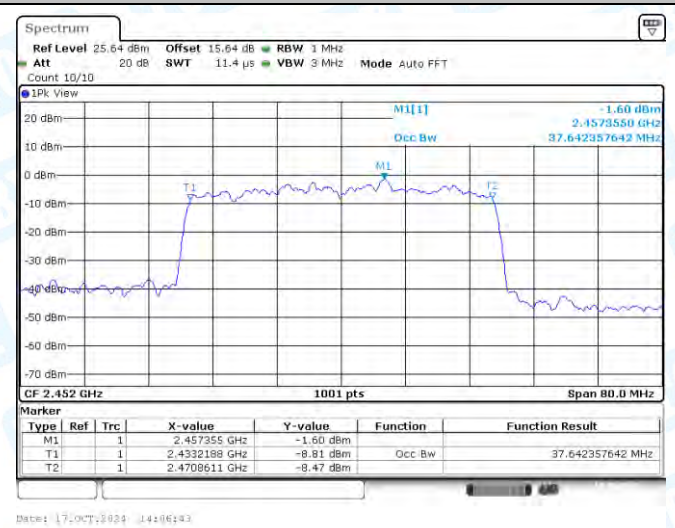
11AX20SISO-Ant1-2462



11AX40SISO-Ant1-2422



11AX40SISO-Ant1-2437



11AX40SISO-Ant1-2452

3: Maximum conducted output power

3.1 Test Result Average

Test Mode	Ant.	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	19.70	≤30.00	PASS
11B	Ant1	2437	20.04	≤30.00	PASS
11B	Ant1	2462	18.72	≤30.00	PASS
11G	Ant1	2412	17.91	≤30.00	PASS
11G	Ant1	2437	15.64	≤30.00	PASS
11G	Ant1	2462	18.06	≤30.00	PASS
11N20SISO	Ant1	2412	15.75	≤30.00	PASS
11N20SISO	Ant1	2437	15.50	≤30.00	PASS
11N20SISO	Ant1	2462	16.82	≤30.00	PASS
11N40SISO	Ant1	2422	16.94	≤30.00	PASS
11N40SISO	Ant1	2437	16.16	≤30.00	PASS
11N40SISO	Ant1	2452	17.56	≤30.00	PASS
11AX20SISO	Ant1	2412	15.70	≤30.00	PASS
11AX20SISO	Ant1	2437	15.39	≤30.00	PASS
11AX20SISO	Ant1	2462	16.70	≤30.00	PASS
11AX40SISO	Ant1	2422	16.04	≤30.00	PASS
11AX40SISO	Ant1	2437	16.60	≤30.00	PASS
11AX40SISO	Ant1	2452	17.65	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

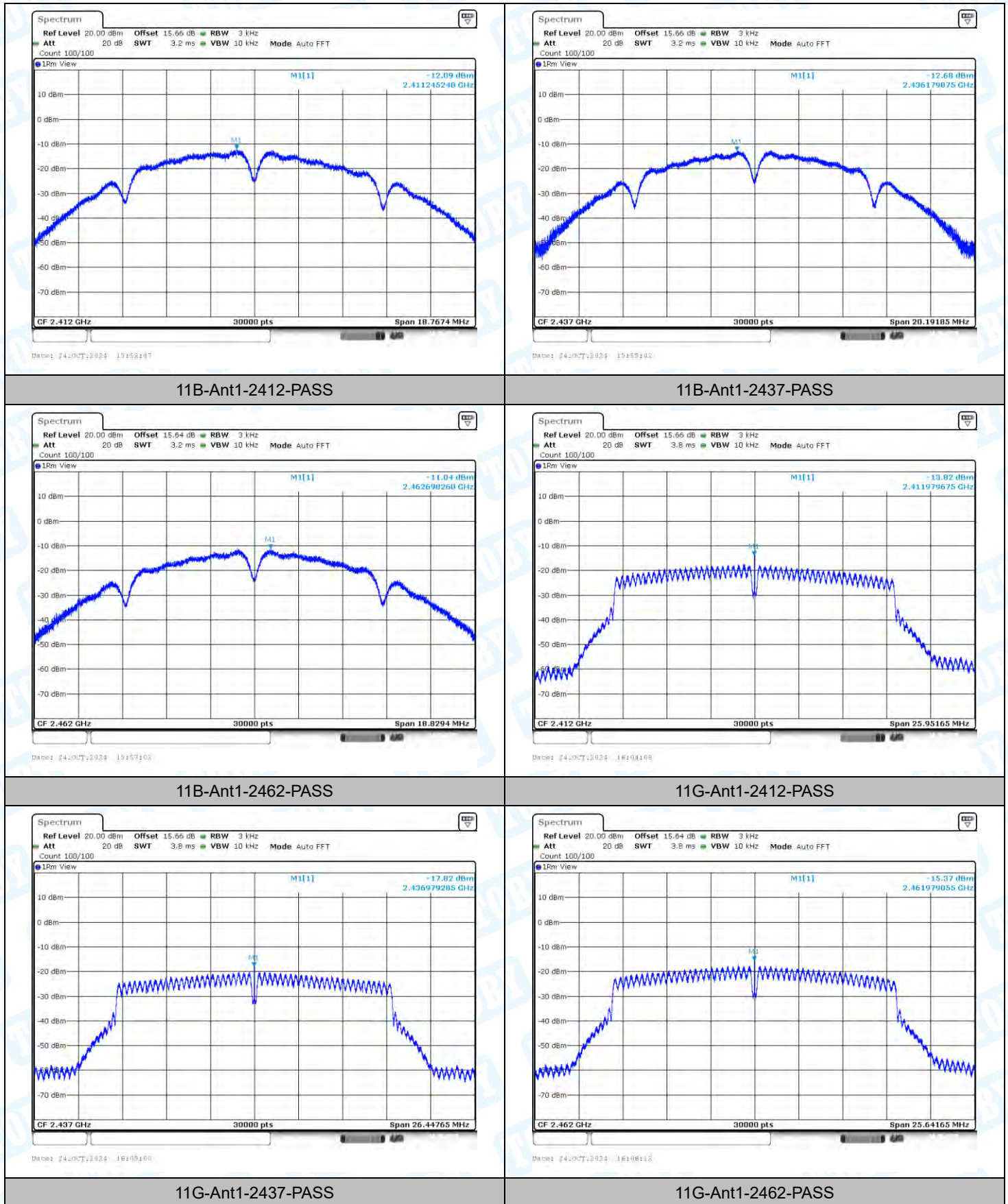
4: Maximum power spectral density

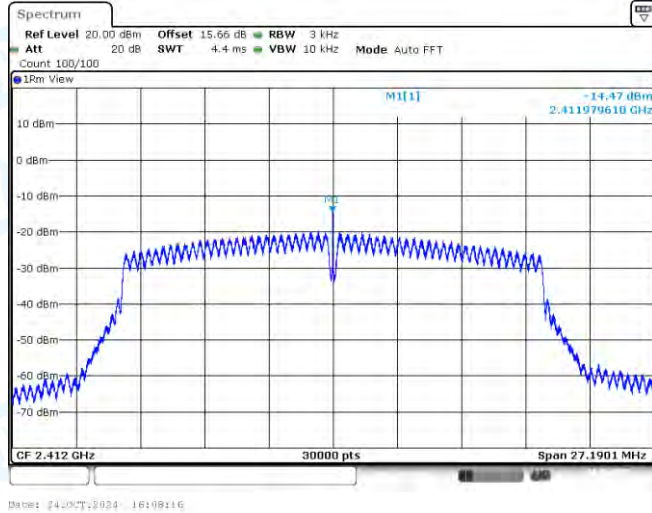
4.1 Test Result

TestMode	Ant.	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.61	≤8.00	PASS
11B	Ant1	2437	-12.20	≤8.00	PASS
11B	Ant1	2462	-10.56	≤8.00	PASS
11G	Ant1	2412	-11.53	≤8.00	PASS
11G	Ant1	2437	-15.50	≤8.00	PASS
11G	Ant1	2462	-13.05	≤8.00	PASS
11N20SISO	Ant1	2412	-12.02	≤8.00	PASS
11N20SISO	Ant1	2437	-15.76	≤8.00	PASS
11N20SISO	Ant1	2462	-13.09	≤8.00	PASS
11N40SISO	Ant1	2422	-14.19	≤8.00	PASS
11N40SISO	Ant1	2437	-16.97	≤8.00	PASS
11N40SISO	Ant1	2452	-14.57	≤8.00	PASS
11AX20SISO	Ant1	2412	-11.37	≤8.00	PASS
11AX20SISO	Ant1	2437	-14.98	≤8.00	PASS
11AX20SISO	Ant1	2462	-10.85	≤8.00	PASS
11AX40SISO	Ant1	2422	-15.92	≤8.00	PASS
11AX40SISO	Ant1	2437	-14.39	≤8.00	PASS
11AX40SISO	Ant1	2452	-13.49	≤8.00	PASS

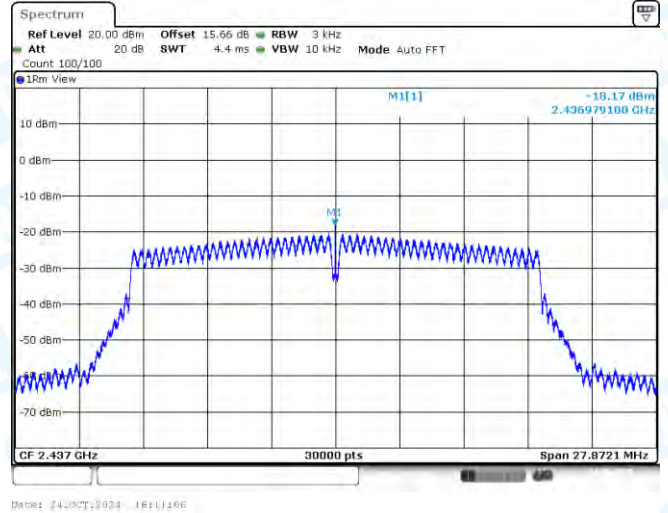
Note: The Duty Cycle Factor is compensated in the graph.

4.2 Test Graphs

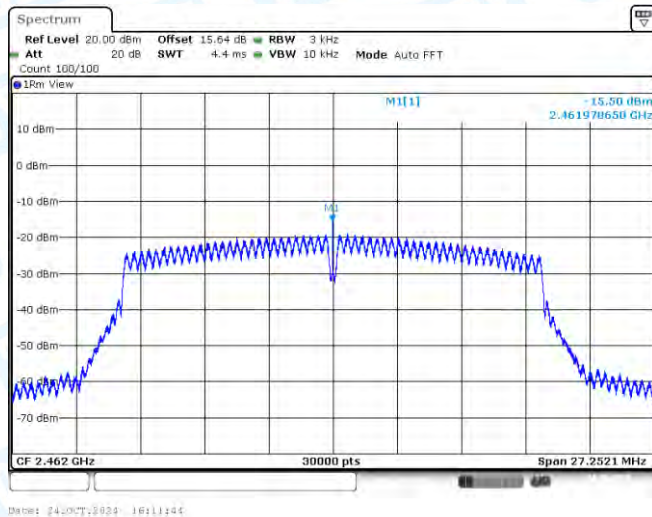




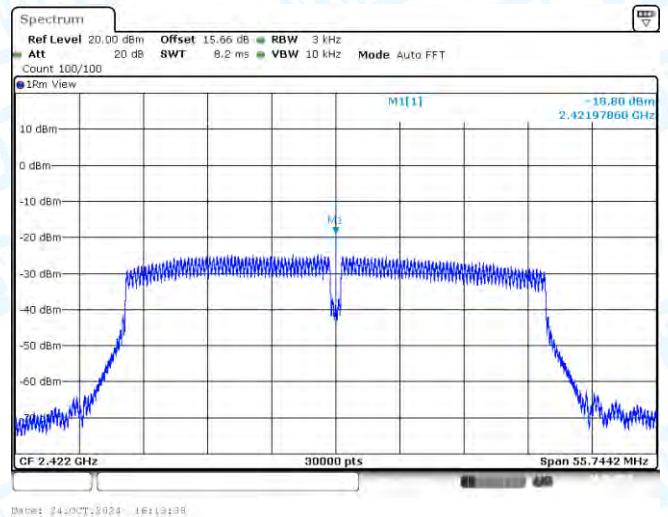
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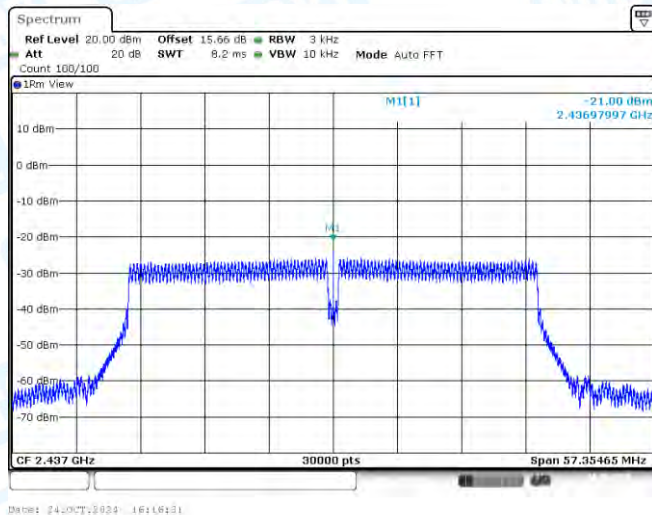
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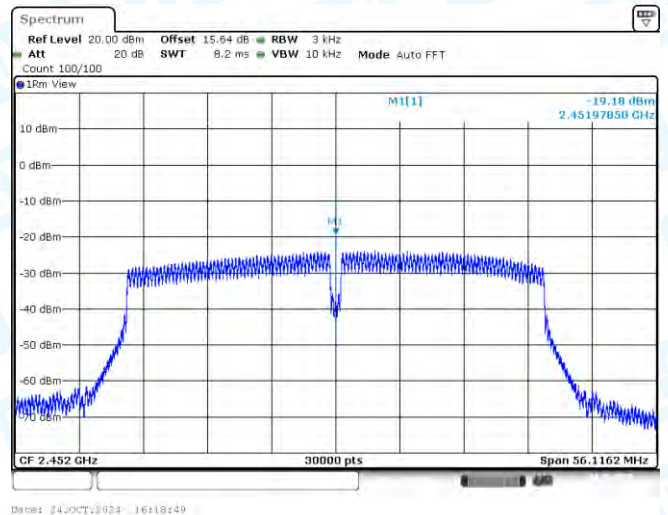
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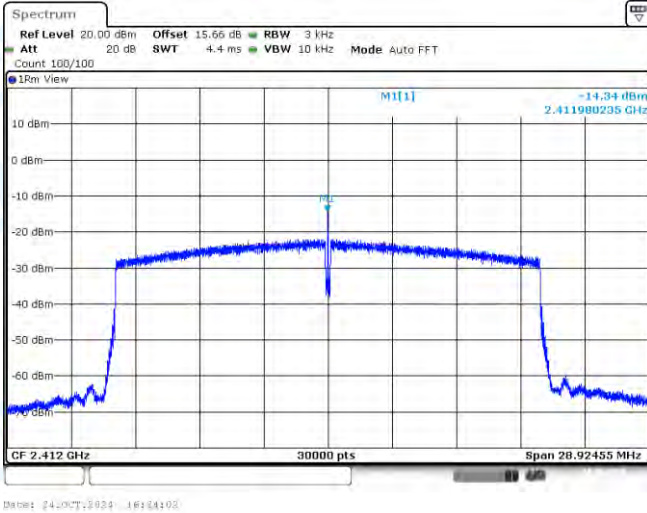
11N40SISO-Ant1-2422-PASS



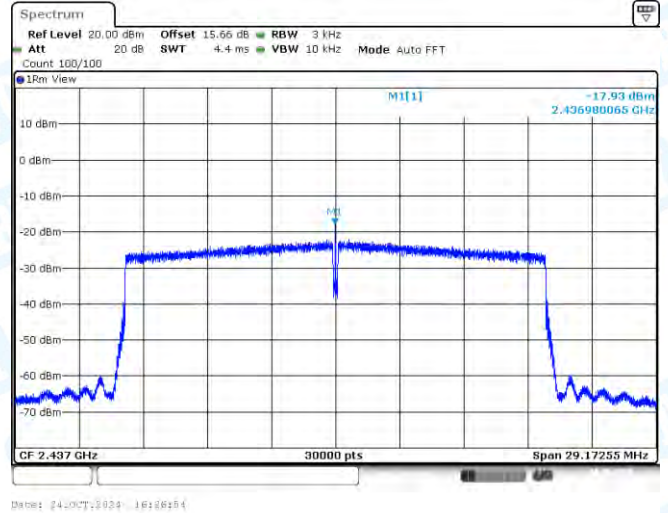
11N40SISO-Ant1-2437-PASS



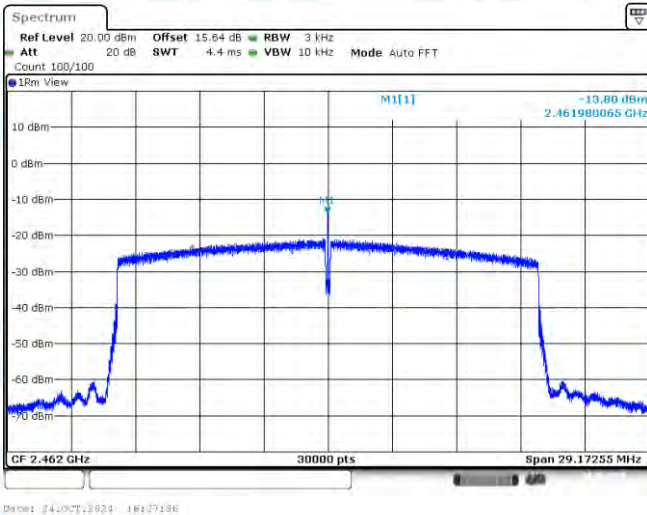
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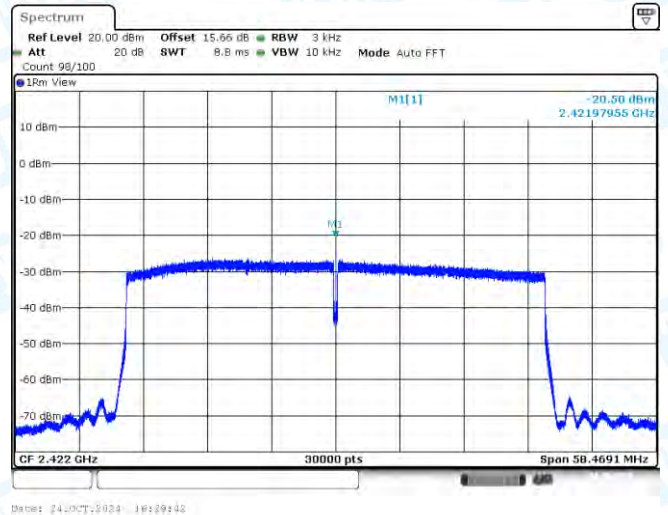
11AX20SISO-Ant1-2412-PASS



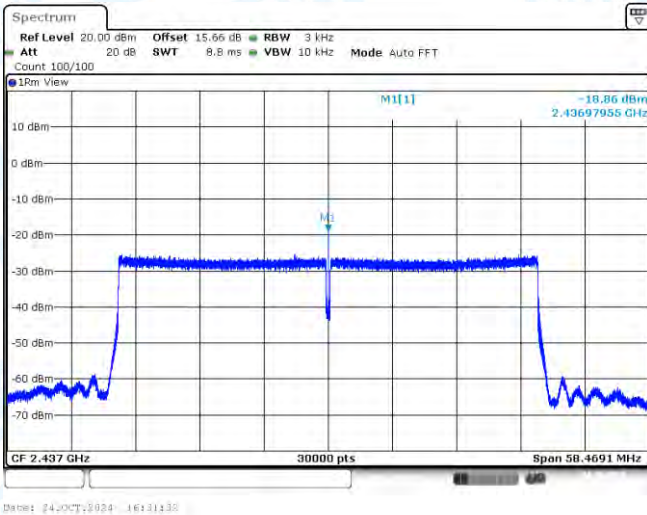
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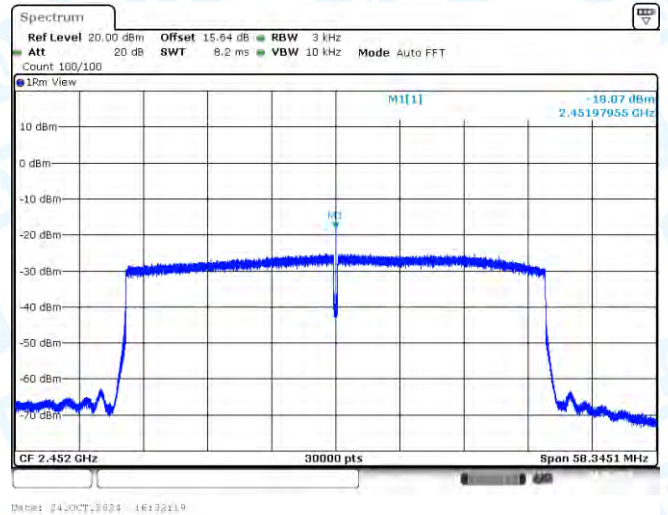
11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2437-PASS



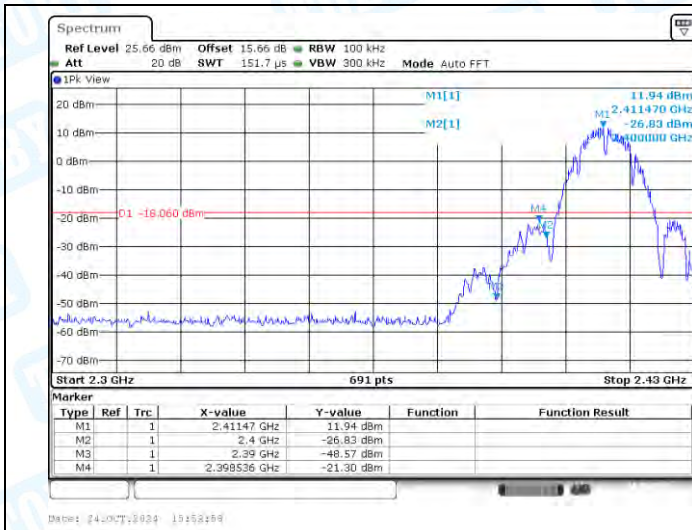
11AX40SISO-Ant1-2452-PASS

5: Band edge measurements

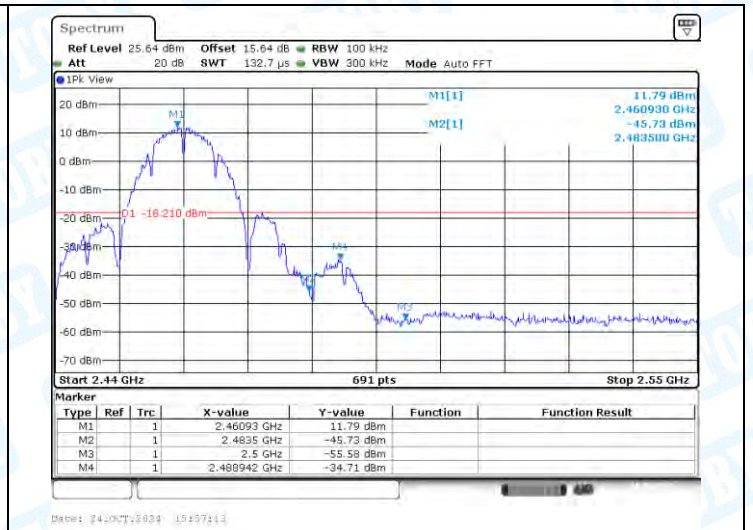
5.1 Test Result

TestMode	Ant.	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	11.94	-21.3	≤-18.06	PASS
11B	Ant1	High	2462	11.79	-34.71	≤-18.21	PASS
11G	Ant1	Low	2412	3.48	-32.15	≤-26.52	PASS
11G	Ant1	High	2462	2.27	-43.49	≤-27.73	PASS
11N20SISO	Ant1	Low	2412	-0.27	-37.71	≤-30.27	PASS
11N20SISO	Ant1	High	2462	0.78	-44.46	≤-29.22	PASS
11N40SISO	Ant1	Low	2422	-4.72	-42.44	≤-34.72	PASS
11N40SISO	Ant1	High	2452	-3.95	-46.44	≤-33.95	PASS
11AX20SISO	Ant1	Low	2412	-0.09	-42.31	≤-30.09	PASS
11AX20SISO	Ant1	High	2462	0.51	-47.63	≤-29.49	PASS
11AX40SISO	Ant1	Low	2422	-4.78	-45.69	≤-34.78	PASS
11AX40SISO	Ant1	High	2452	-2.87	-46.98	≤-32.87	PASS

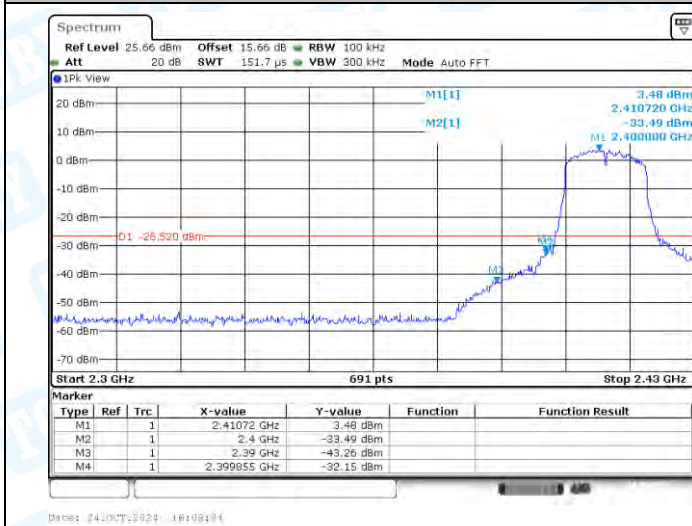
5.2 Test Graphs



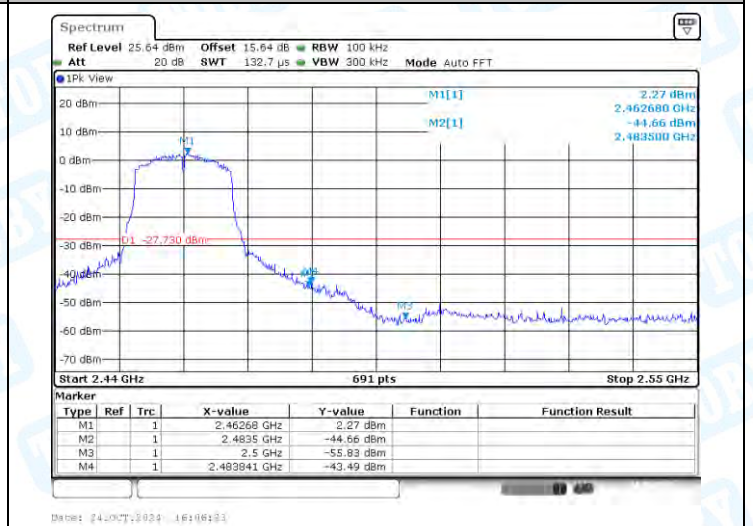
11B-Ant1-2412-PASS



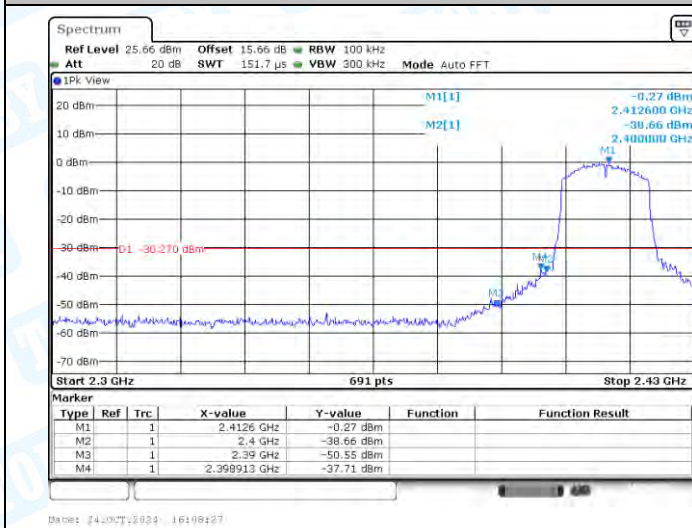
11B-Ant1-2462-PASS



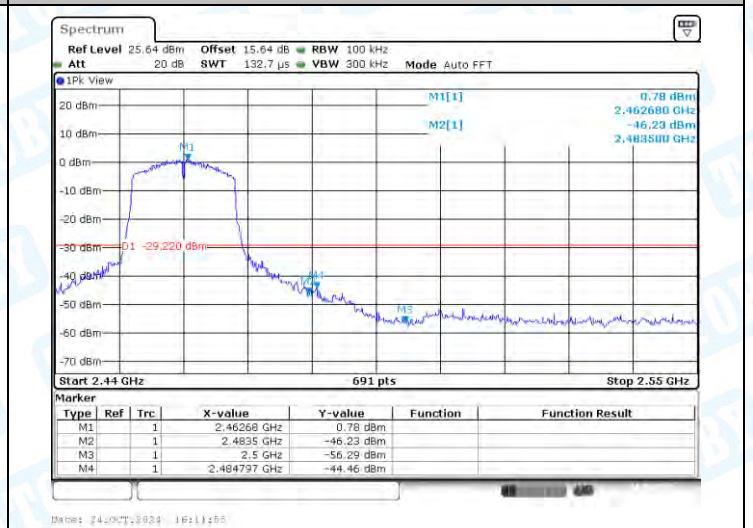
11G-Ant1-2412-PASS



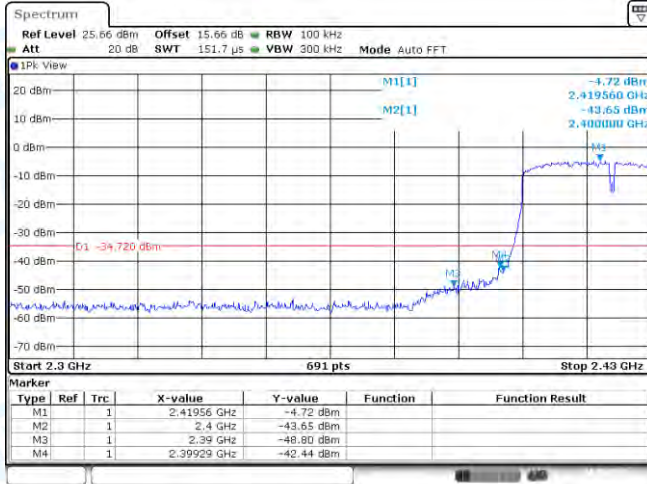
11G-Ant1-2462-PASS



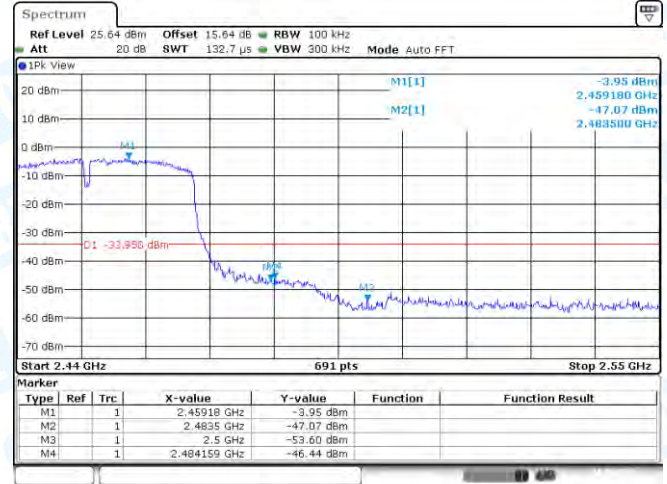
11N20SISO-Ant1-2412-PASS



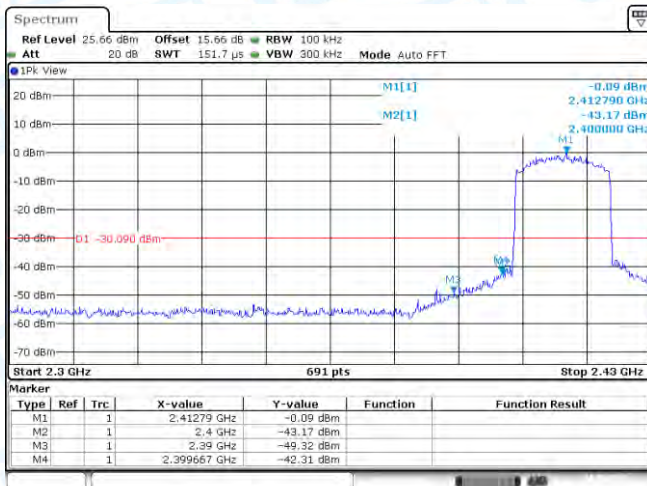
11N20SISO-Ant1-2462-PASS



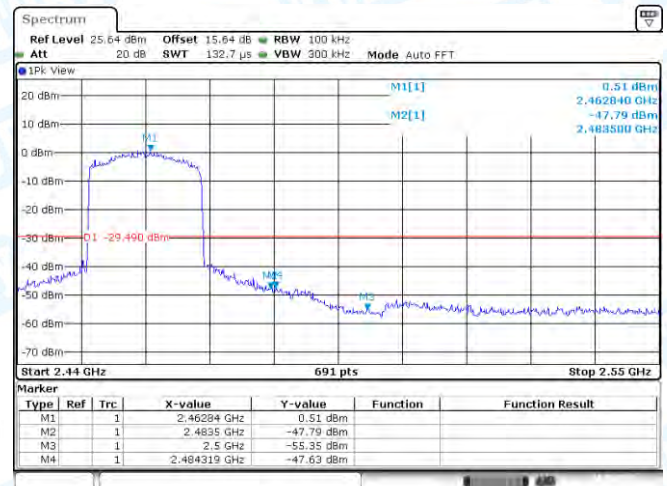
11N40SISO-Ant1-2422-PASS



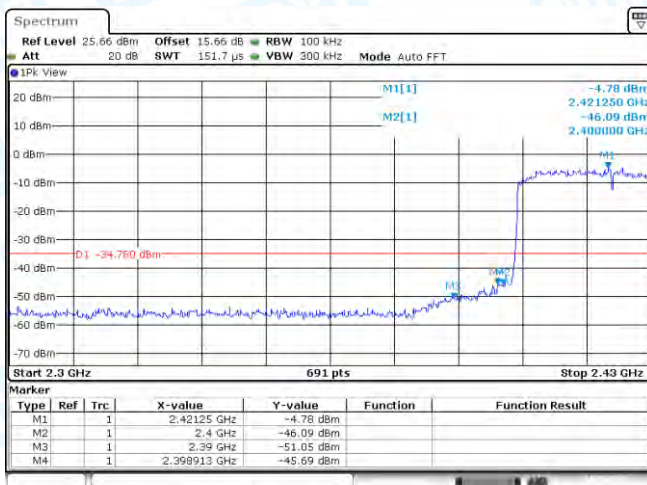
11N40SISO-Ant1-2452-PASS



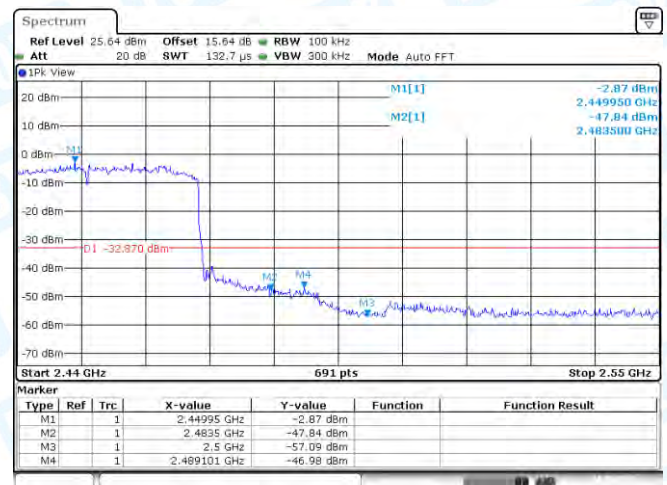
11AX20SISO-Ant1-2412-PASS



11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2452-PASS

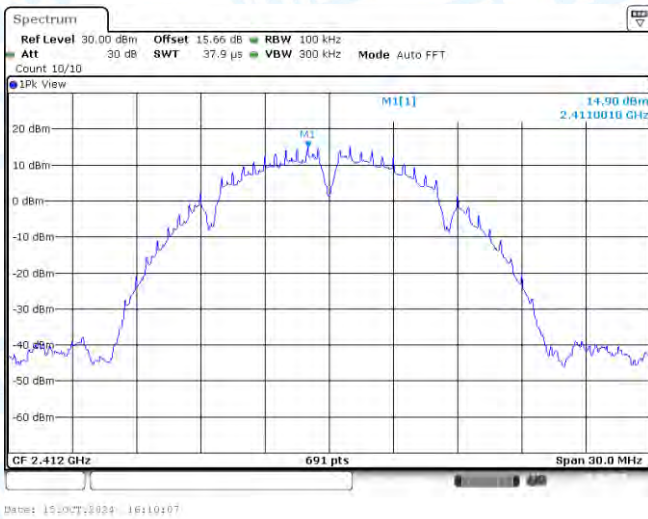
6: Conducted Spurious Emission

6.1 Test Result

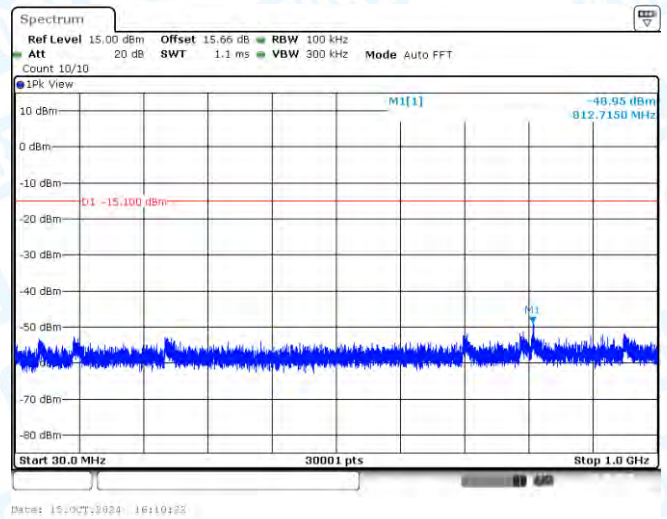
TestMode	Ant.	Frequency [MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	14.90	14.90	---	PASS
11B	Ant1	2412	30~1000	14.90	-48.95	≤-15.1	PASS
11B	Ant1	2412	1000~26500	14.90	-44.97	≤-15.1	PASS
11B	Ant1	2437	0~Reference	12.36	12.36	---	PASS
11B	Ant1	2437	30~1000	12.36	-49.16	≤-17.64	PASS
11B	Ant1	2437	1000~26500	12.36	-44.97	≤-17.64	PASS
11B	Ant1	2462	0~Reference	17.59	17.59	---	PASS
11B	Ant1	2462	30~1000	17.59	-51.09	≤-12.41	PASS
11B	Ant1	2462	1000~26500	17.59	-45.2	≤-12.41	PASS
11G	Ant1	2412	0~Reference	2.73	2.73	---	PASS
11G	Ant1	2412	30~1000	2.73	-51.23	≤-27.27	PASS
11G	Ant1	2412	1000~26500	2.73	-45.16	≤-27.27	PASS
11G	Ant1	2437	0~Reference	0.23	0.23	---	PASS
11G	Ant1	2437	30~1000	0.23	-51.11	≤-29.77	PASS
11G	Ant1	2437	1000~26500	0.23	-45.71	≤-29.77	PASS
11G	Ant1	2462	0~Reference	3.01	3.01	---	PASS
11G	Ant1	2462	30~1000	3.01	-50.6	≤-26.99	PASS
11G	Ant1	2462	1000~26500	3.01	-45.32	≤-26.99	PASS
11N20SISO	Ant1	2412	0~Reference	0.07	0.07	---	PASS
11N20SISO	Ant1	2412	30~1000	0.07	-50.39	≤-29.93	PASS
11N20SISO	Ant1	2412	1000~26500	0.07	-45.45	≤-29.93	PASS
11N20SISO	Ant1	2437	0~Reference	-1.27	-1.27	---	PASS
11N20SISO	Ant1	2437	30~1000	-1.27	-50.45	≤-31.27	PASS
11N20SISO	Ant1	2437	1000~26500	-1.27	-45.4	≤-31.27	PASS
11N20SISO	Ant1	2462	0~Reference	1.52	1.52	---	PASS
11N20SISO	Ant1	2462	30~1000	1.52	-49.69	≤-28.48	PASS
11N20SISO	Ant1	2462	1000~26500	1.52	-44.83	≤-28.48	PASS
11N40SISO	Ant1	2422	0~Reference	-3.82	-3.82	---	PASS
11N40SISO	Ant1	2422	30~1000	-3.82	-51.08	≤-33.82	PASS
11N40SISO	Ant1	2422	1000~26500	-3.82	-45.31	≤-33.82	PASS
11N40SISO	Ant1	2437	0~Reference	-3.64	-3.64	---	PASS
11N40SISO	Ant1	2437	30~1000	-3.64	-51.13	≤-33.64	PASS
11N40SISO	Ant1	2437	1000~26500	-3.64	-45.26	≤-33.64	PASS
11N40SISO	Ant1	2452	0~Reference	-2.76	-2.76	---	PASS
11N40SISO	Ant1	2452	30~1000	-2.76	-50.62	≤-32.76	PASS
11N40SISO	Ant1	2452	1000~26500	-2.76	-45.65	≤-32.76	PASS
11AX20SISO	Ant1	2412	0~Reference	1.74	1.74	---	PASS
11AX20SISO	Ant1	2412	30~1000	1.74	-50.07	≤-28.26	PASS
11AX20SISO	Ant1	2412	1000~26500	1.74	-45.11	≤-28.26	PASS
11AX20SISO	Ant1	2437	0~Reference	0.36	0.36	---	PASS

11AX20SISO	Ant1	2437	30~1000	0.36	-50.55	≤-29.64	PASS
11AX20SISO	Ant1	2437	1000~26500	0.36	-45.45	≤-29.64	PASS
11AX20SISO	Ant1	2462	0~Reference	1.89	1.89	---	PASS
11AX20SISO	Ant1	2462	30~1000	1.89	-51.14	≤-28.11	PASS
11AX20SISO	Ant1	2462	1000~26500	1.89	-45.42	≤-28.11	PASS
11AX40SISO	Ant1	2422	0~Reference	-12.69	-12.69	---	PASS
11AX40SISO	Ant1	2422	30~1000	-12.69	-50.26	≤-42.69	PASS
11AX40SISO	Ant1	2422	1000~26500	-12.69	-45.08	≤-42.69	PASS
11AX40SISO	Ant1	2437	0~Reference	-13.19	-13.19	---	PASS
11AX40SISO	Ant1	2437	30~1000	-13.19	-51.35	≤-43.19	PASS
11AX40SISO	Ant1	2437	1000~26500	-13.19	-45.35	≤-43.19	PASS
11AX40SISO	Ant1	2452	0~Reference	-13.01	-13.01	---	PASS
11AX40SISO	Ant1	2452	30~1000	-13.01	-51.06	≤-43.01	PASS
11AX40SISO	Ant1	2452	1000~26500	-13.01	-45.15	≤-43.01	PASS

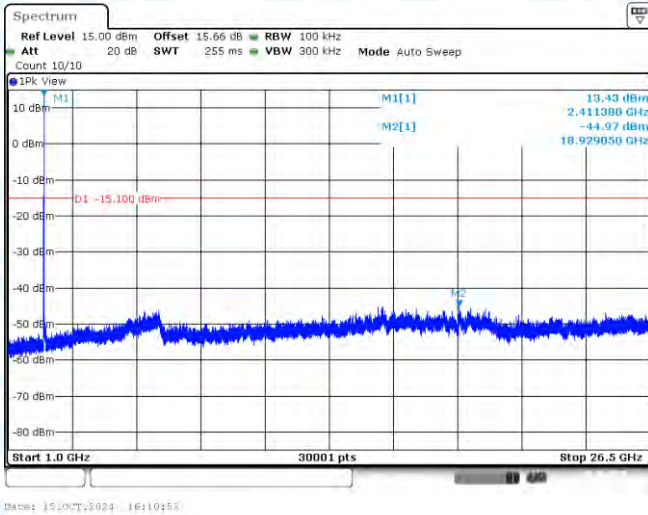
6.2 Test Graphs



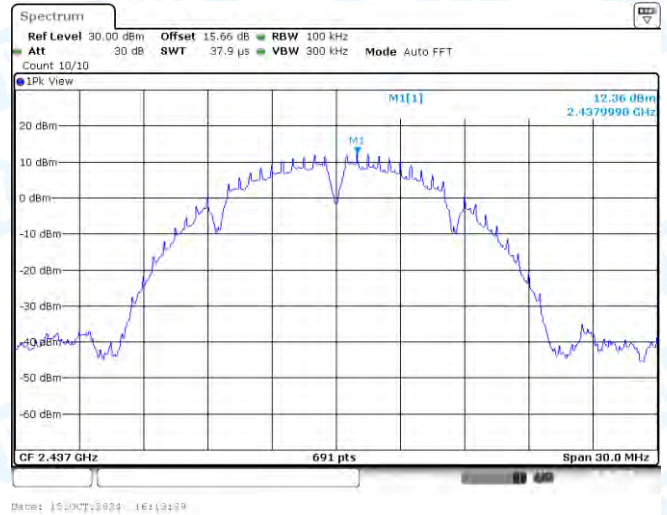
11B-Ant1-2412-0~Reference-PASS



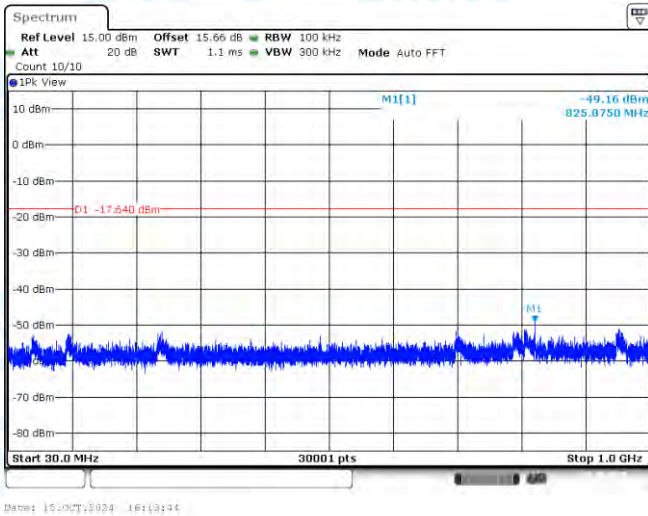
11B-Ant1-2412-30~1000-PASS



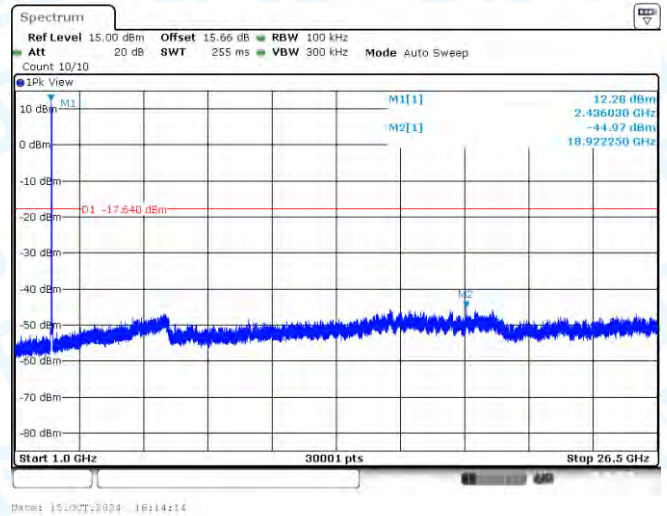
11B-Ant1-2412-1000~26500-PASS



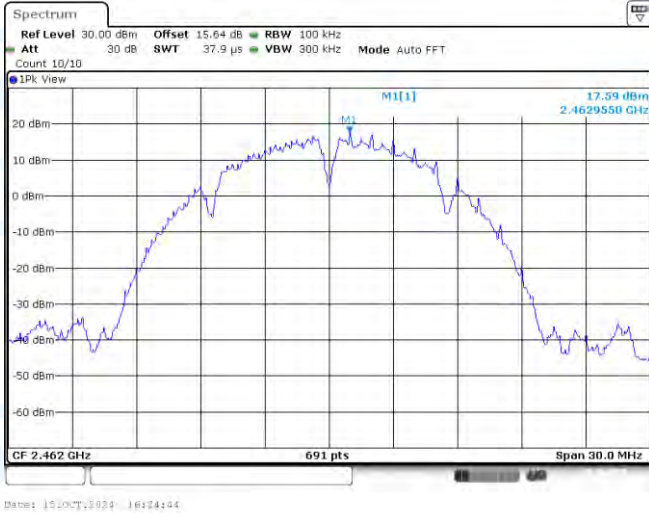
11B-Ant1-2437-0~Reference-PASS



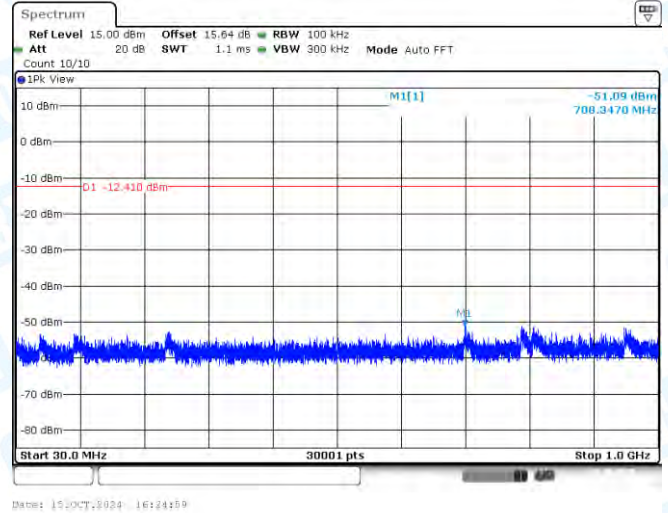
11B-Ant1-2437-30~1000-PASS



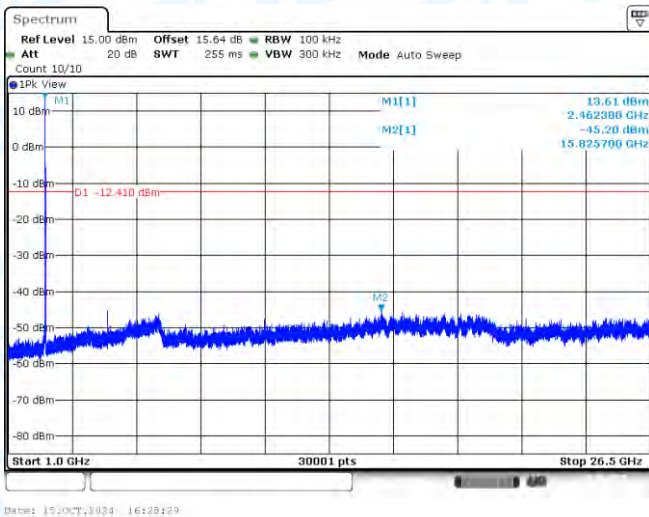
11B-Ant1-2437-1000~26500-PASS



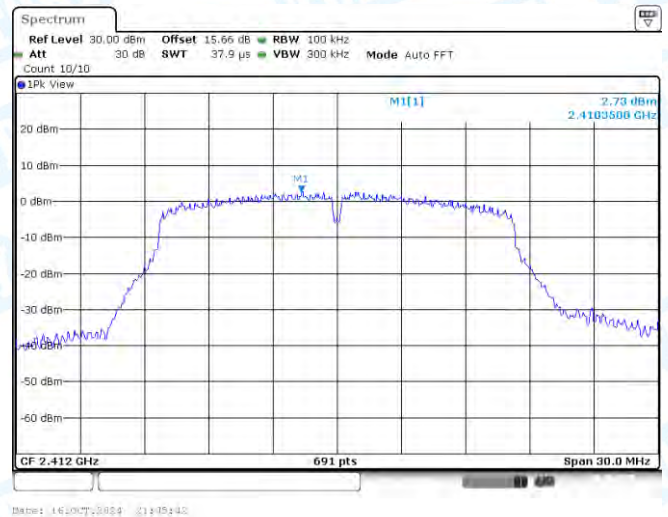
11B-Ant1-2462-0~Reference-PASS



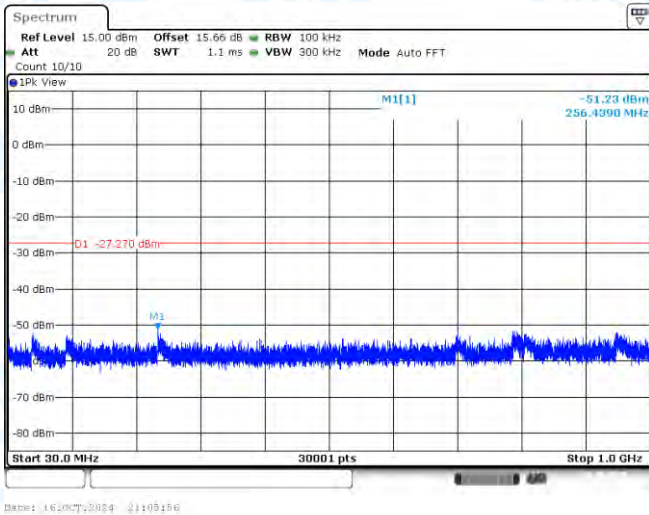
11B-Ant1-2462-30~1000-PASS



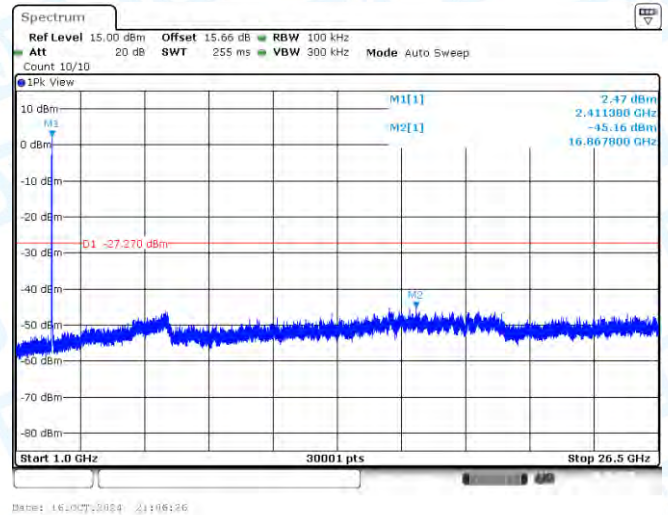
11B-Ant1-2462-1000~26500-PASS



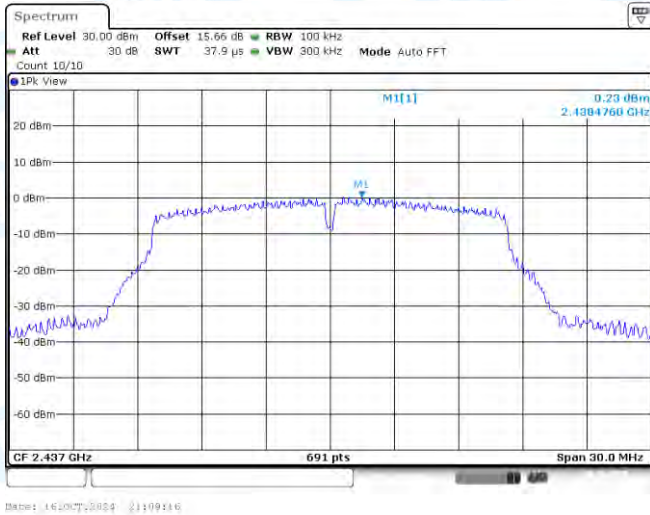
11G-Ant1-2412-0~Reference-PASS



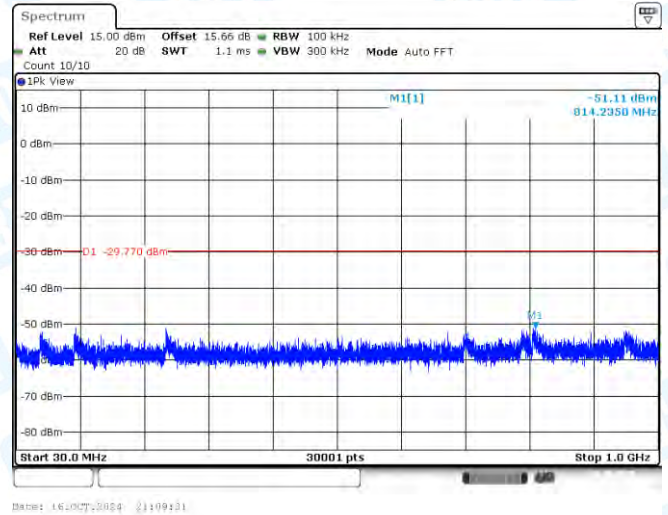
11G-Ant1-2412-30~1000-PASS



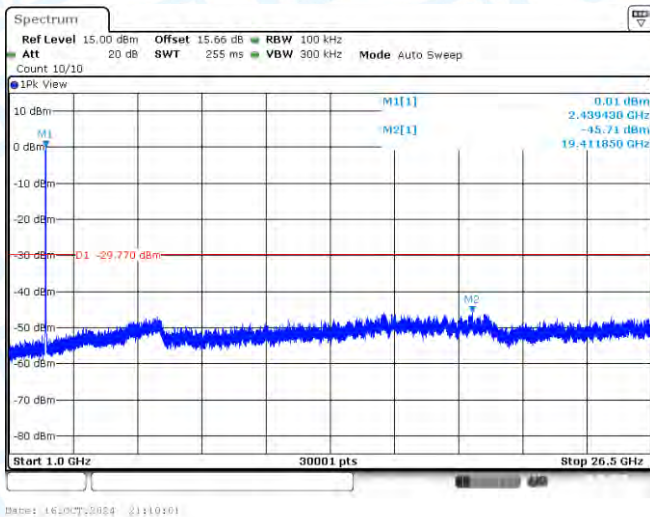
11G-Ant1-2412-1000~26500-PASS



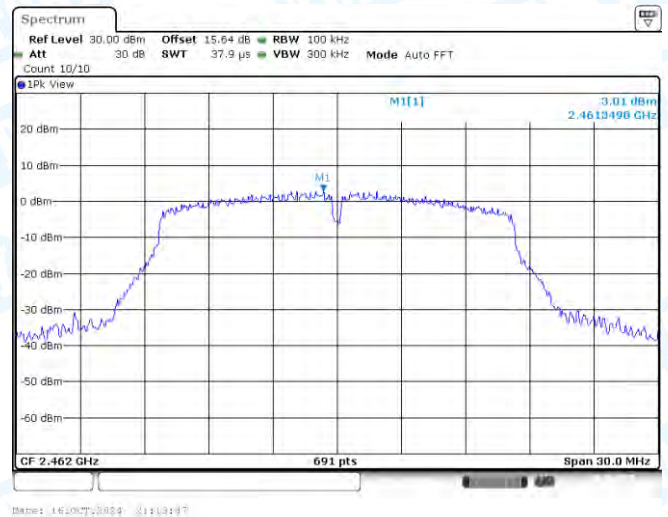
11G-Ant1-2437-0~Reference-PASS



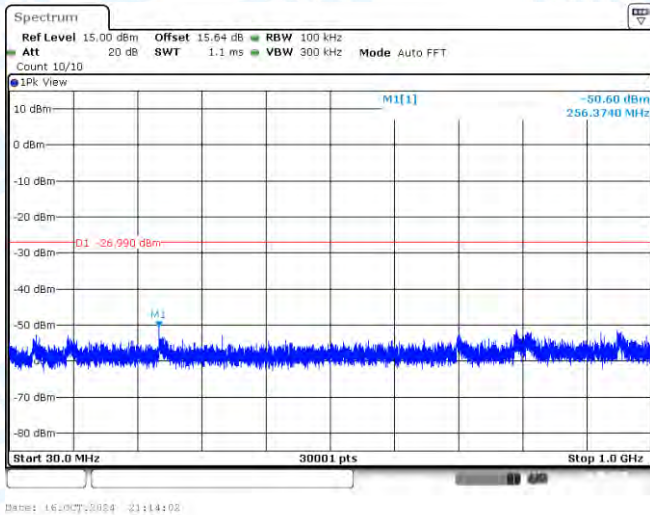
11G-Ant1-2437-30~1000-PASS



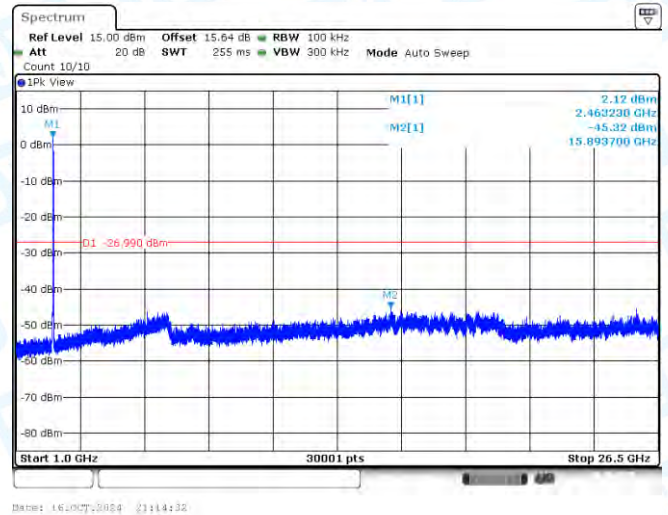
11G-Ant1-2437-1000~26500-PASS



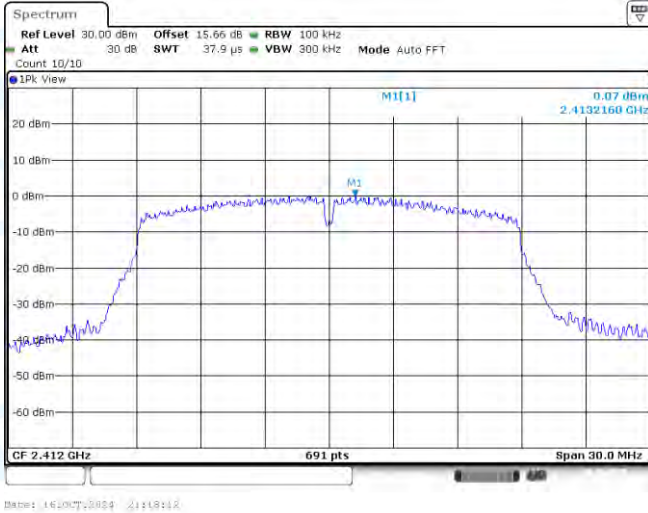
11G-Ant1-2462-0~Reference-PASS



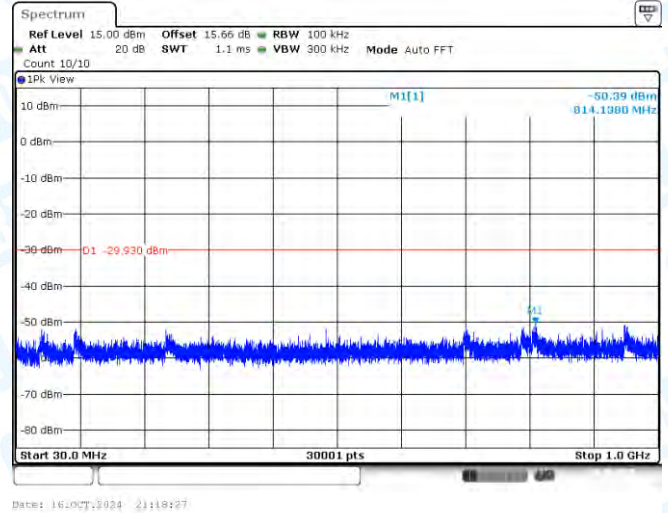
11G-Ant1-2462-30~1000-PASS



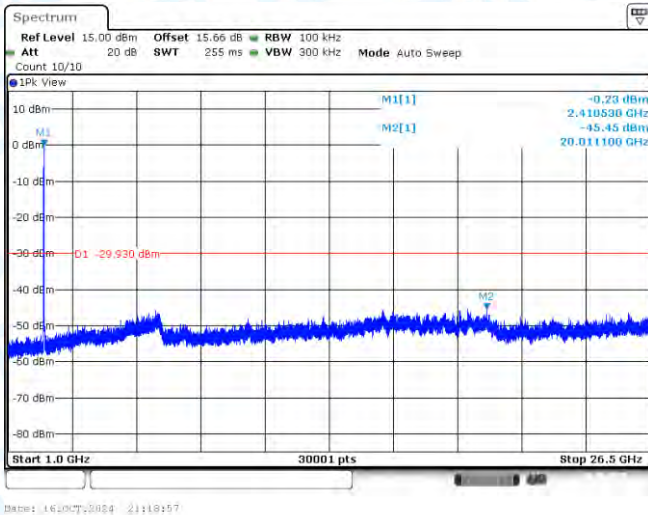
11G-Ant1-2462-1000~26500-PASS



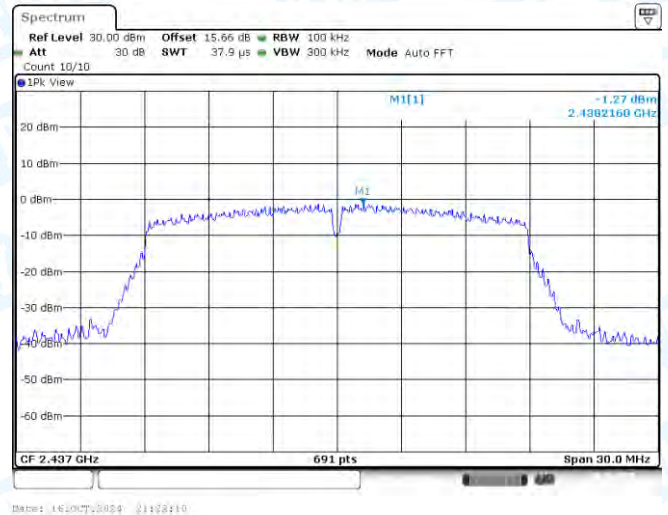
11N20SISO-Ant1-2412-0~Reference-PASS



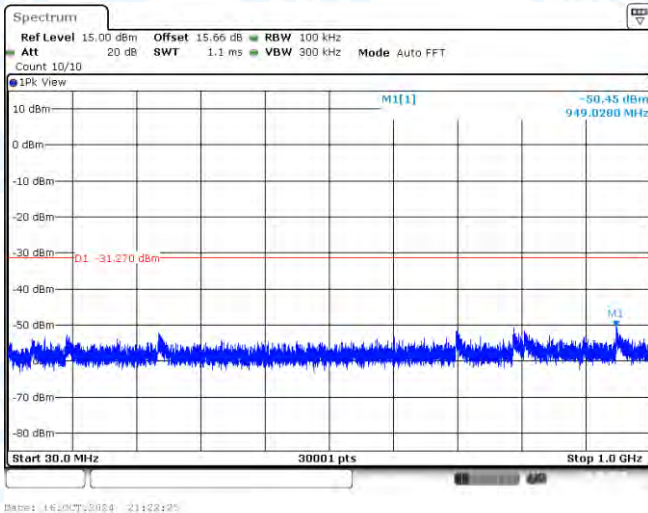
11N20SISO-Ant1-2412-30~1000-PASS



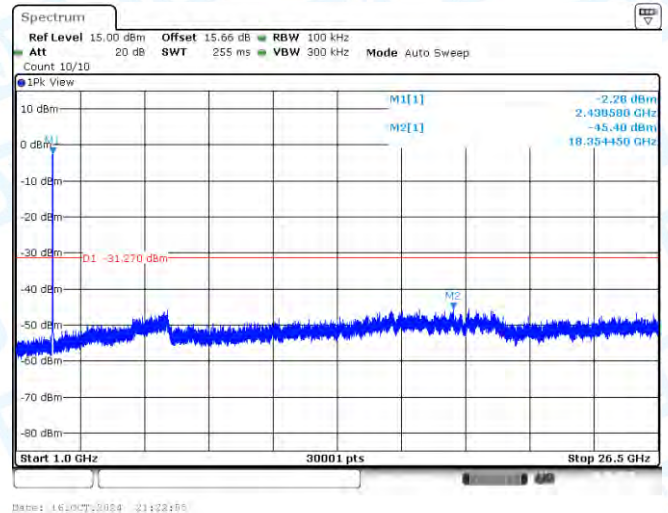
11N20SISO-Ant1-2412-1000~26500-PASS



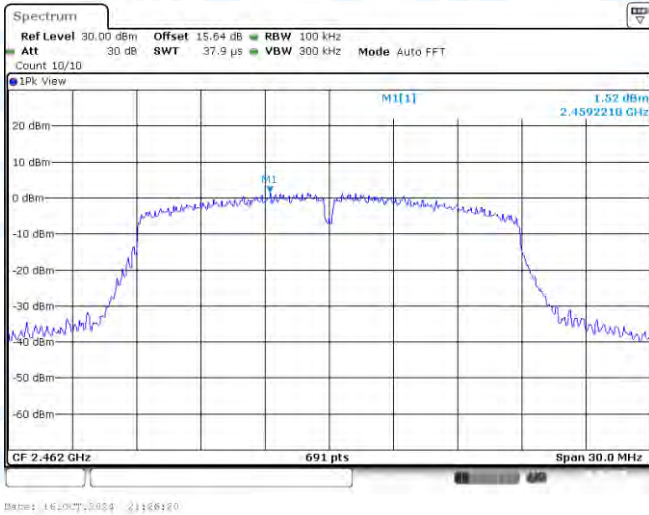
11N20SISO-Ant1-2437-0~Reference-PASS



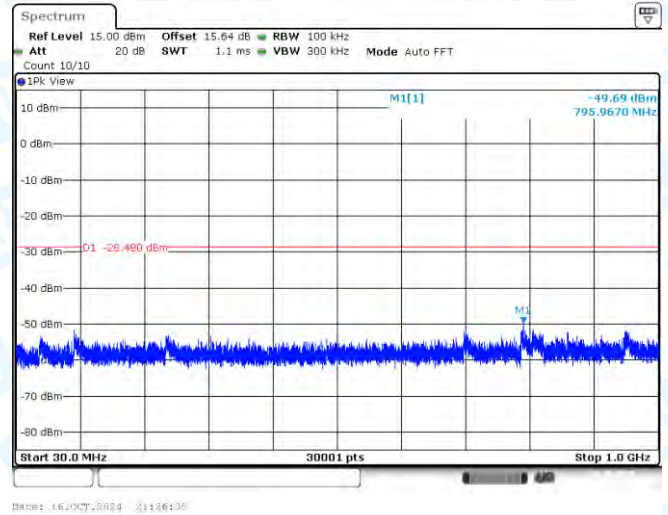
11N20SISO-Ant1-2437-30~1000-PASS



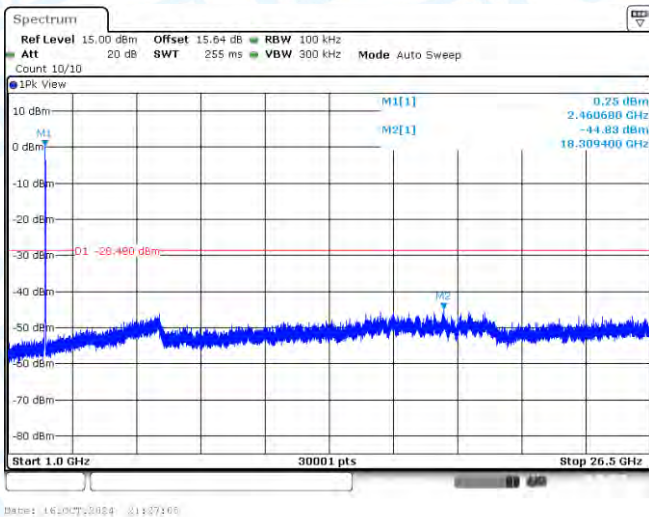
11N20SISO-Ant1-2437-1000~26500-PASS



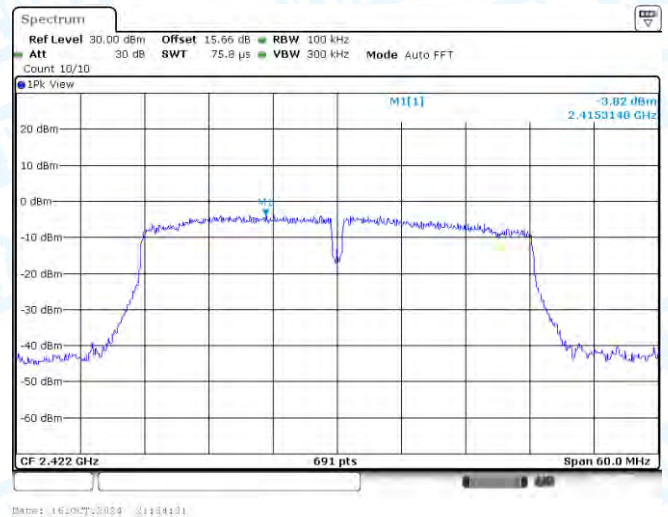
11N20SISO-Ant1-2462-0~Reference-PASS



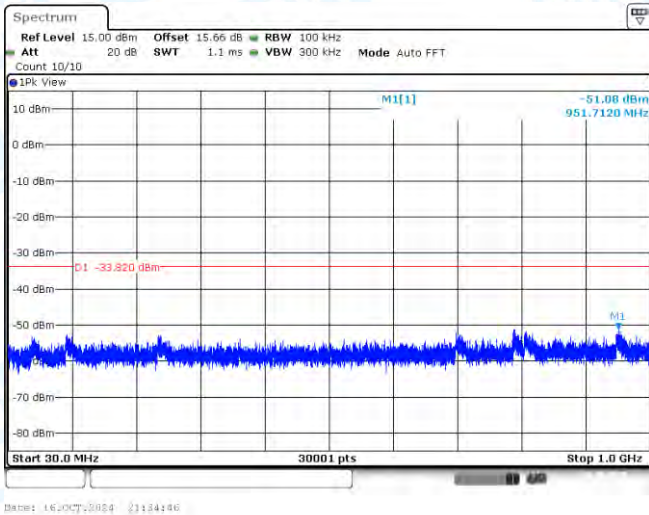
11N20SISO-Ant1-2462-30~1000-PASS



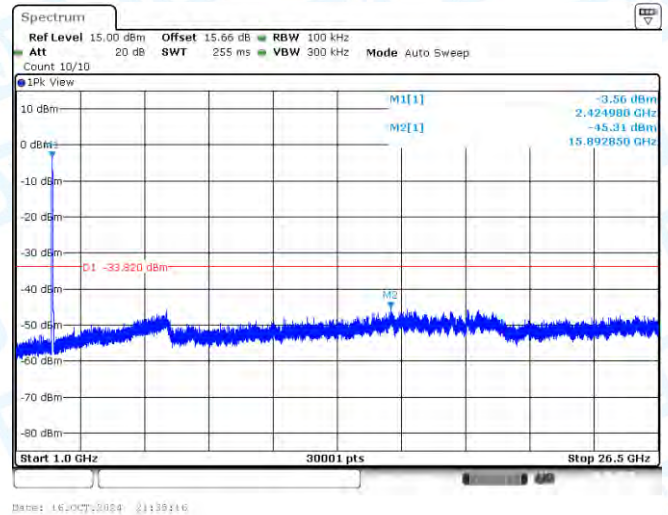
11N20SISO-Ant1-2462-1000~26500-PASS



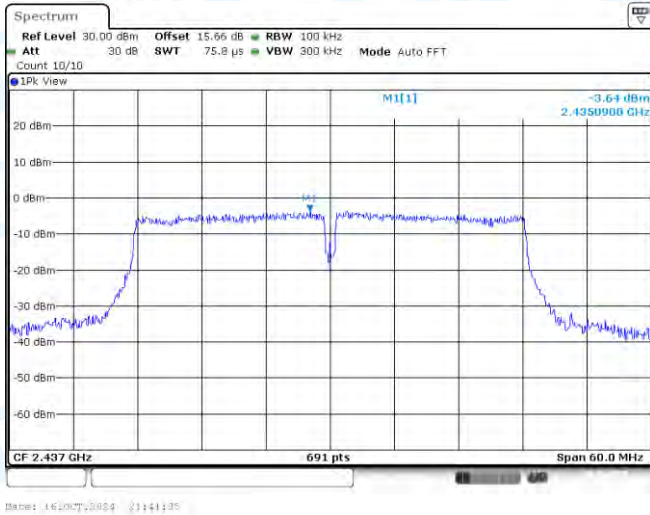
11N40SISO-Ant1-2422-0~Reference-PASS



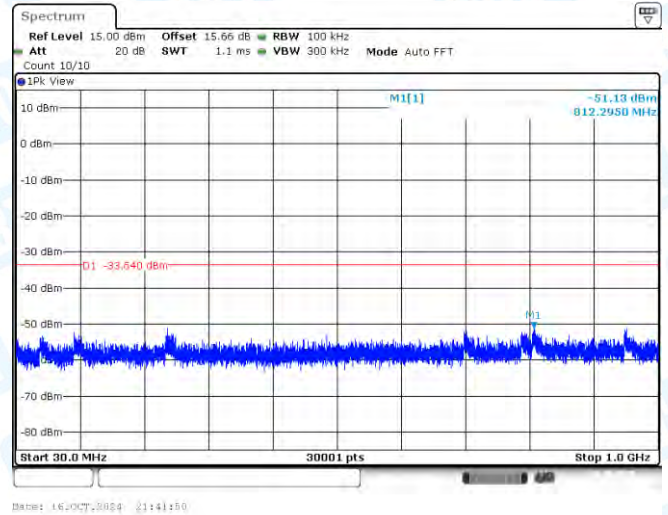
11N40SISO-Ant1-2422-30~1000-PASS



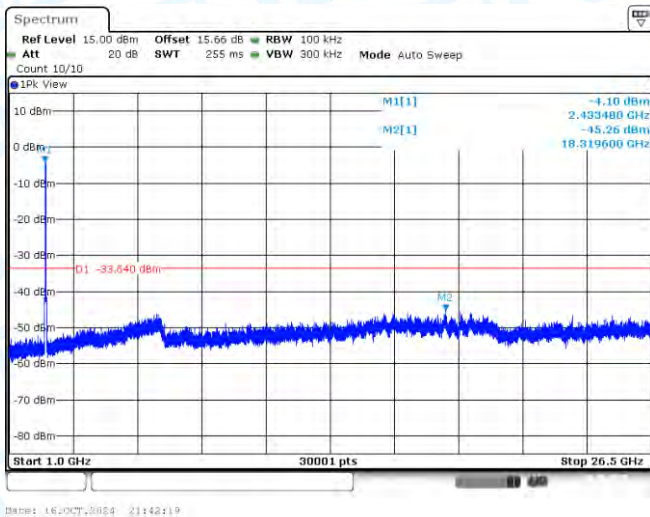
11N40SISO-Ant1-2422-1000~26500-PASS



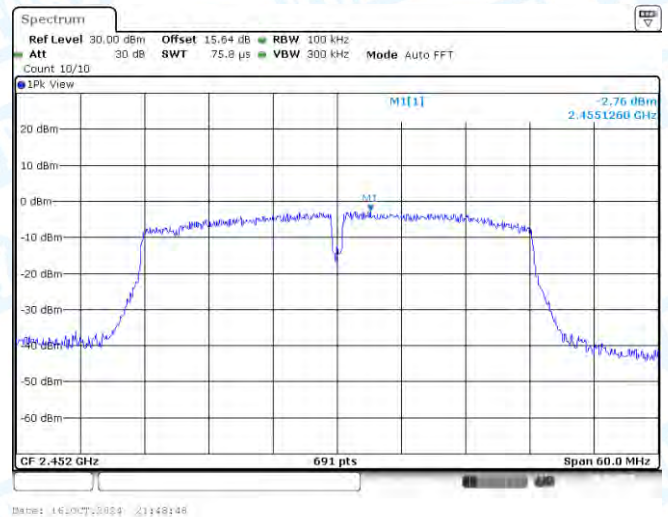
11N40SISO-Ant1-2437-0~Reference-PASS



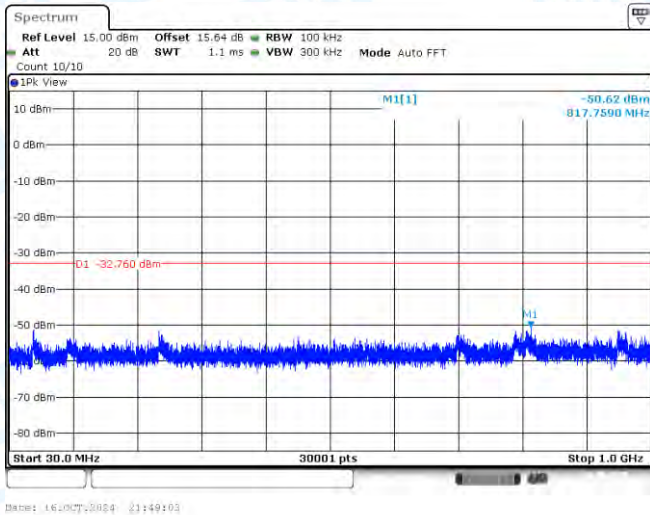
11N40SISO-Ant1-2437-30~1000-PASS



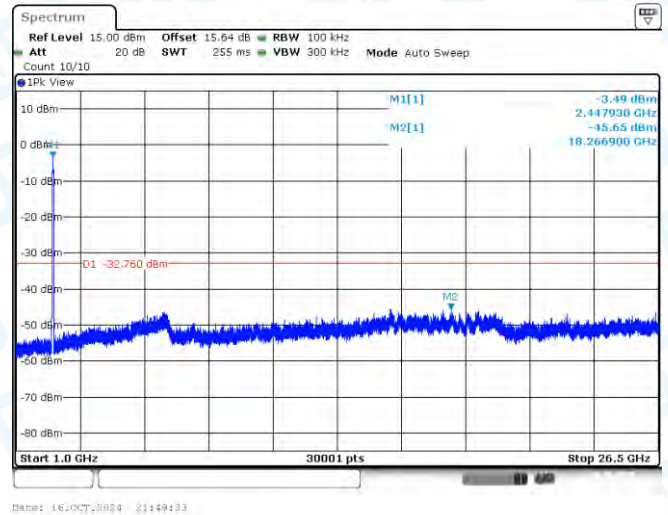
11N40SISO-Ant1-2437-1000~26500-PASS



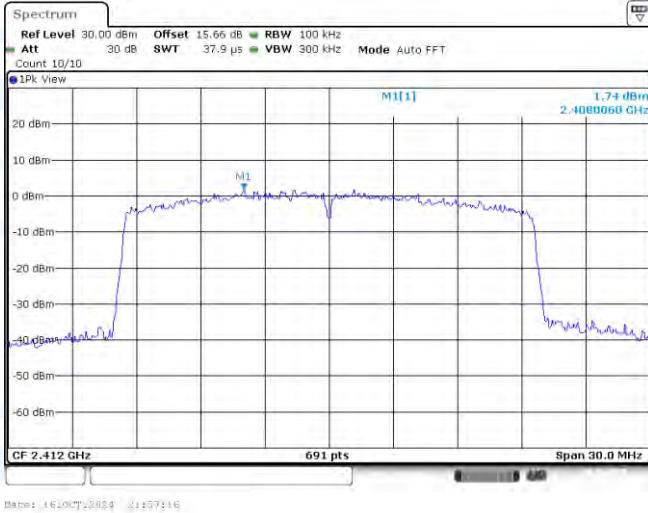
11N40SISO-Ant1-2452-0~Reference-PASS



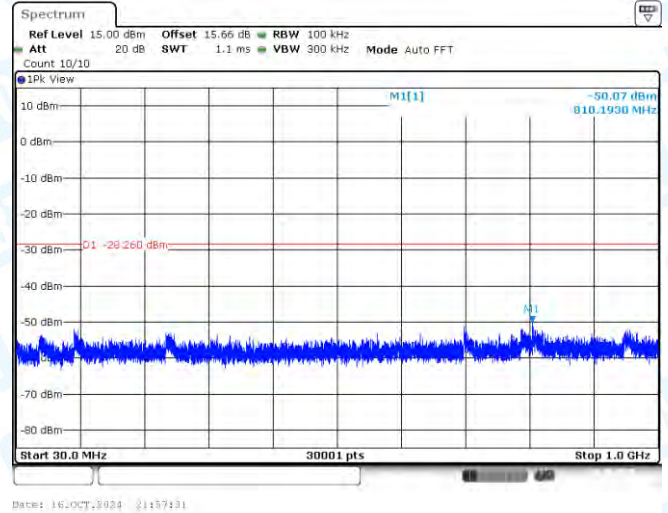
11N40SISO-Ant1-2452-30~1000-PASS



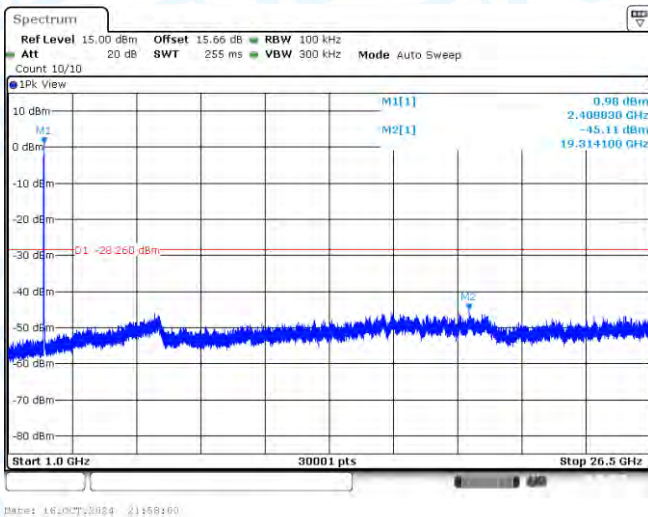
11N40SISO-Ant1-2452-1000~26500-PASS



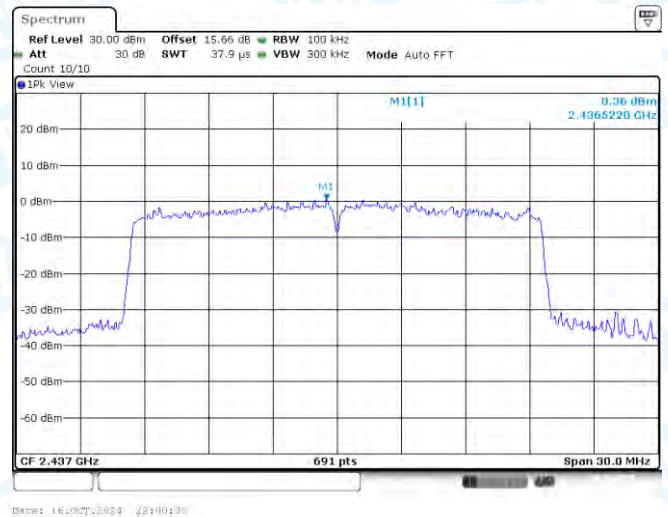
11AX20SISO-Ant1-2412-0~Reference-PASS



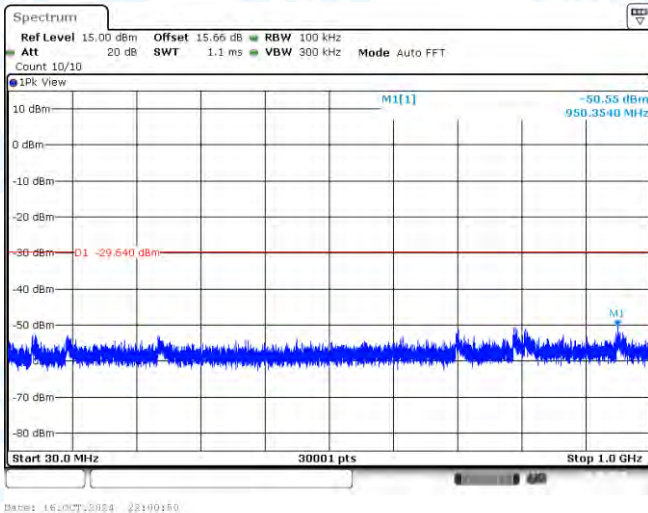
11AX20SISO-Ant1-2412-30~1000-PASS



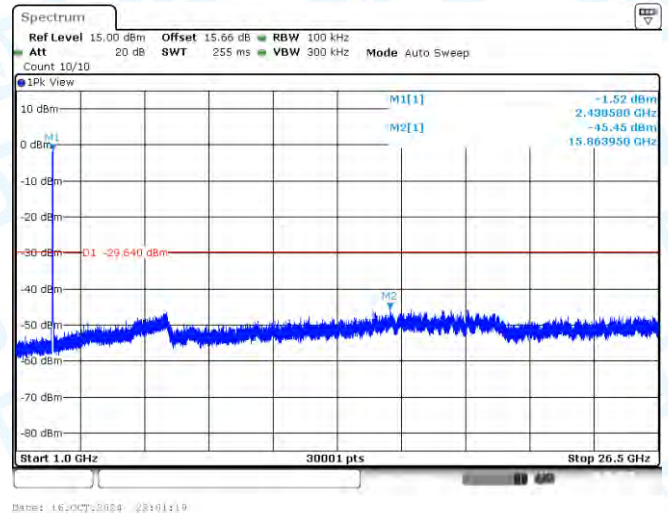
11AX20SISO-Ant1-2412-1000~26500-PASS



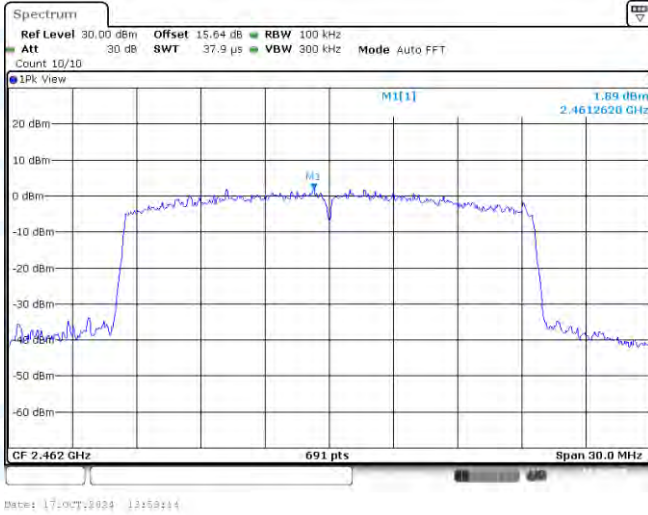
11AX20SISO-Ant1-2437-0~Reference-PASS



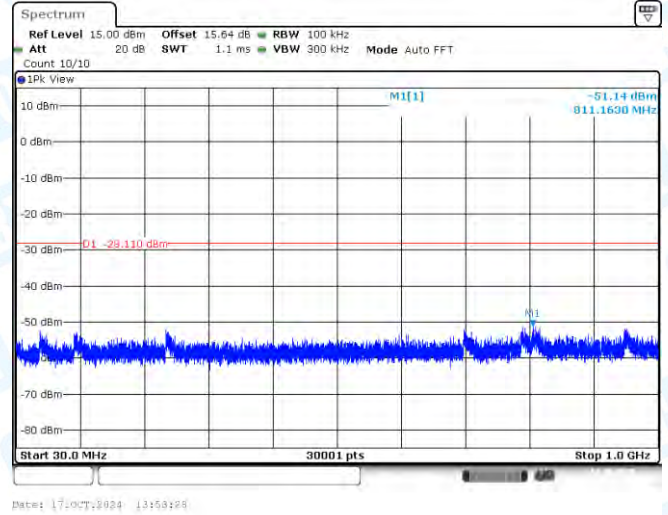
11AX20SISO-Ant1-2437-30~1000-PASS



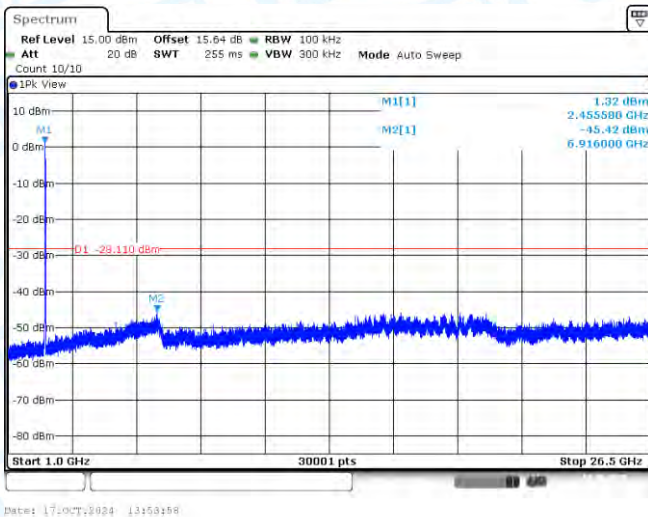
11AX20SISO-Ant1-2437-1000~26500-PASS



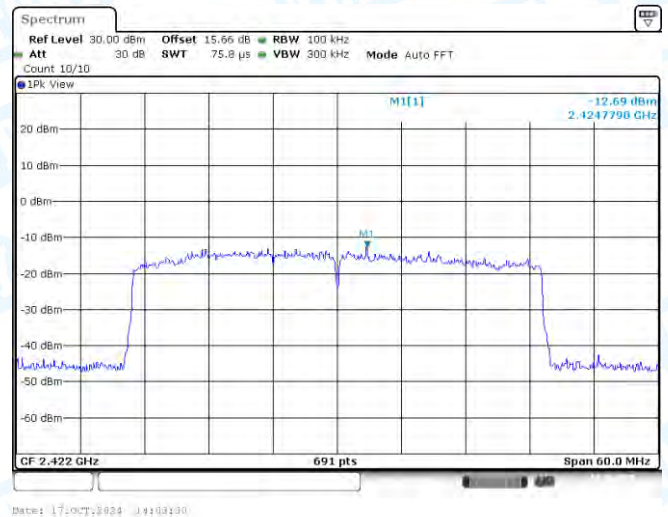
11AX20SISO-Ant1-2462-0~Reference-PASS



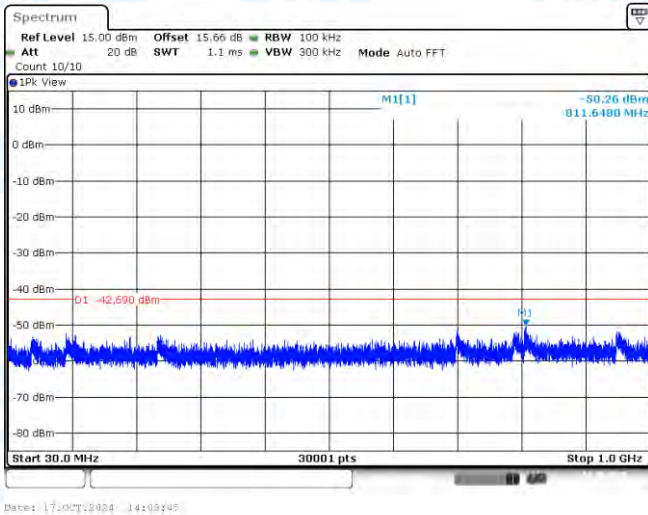
11AX20SISO-Ant1-2462-30~1000-PASS



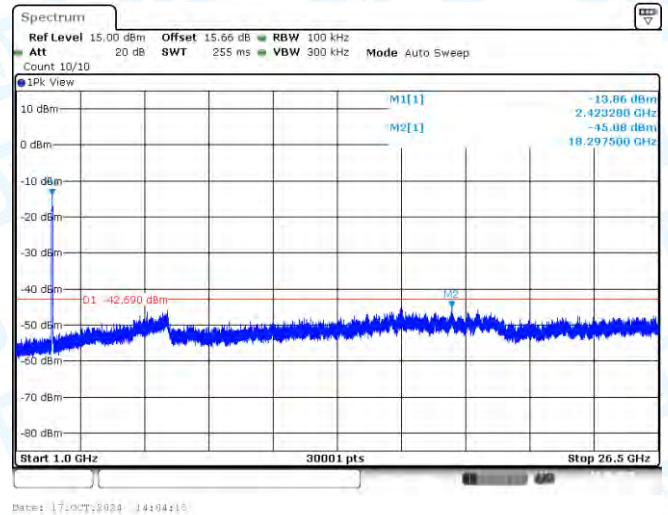
11AX20SISO-Ant1-2462-1000~26500-PASS



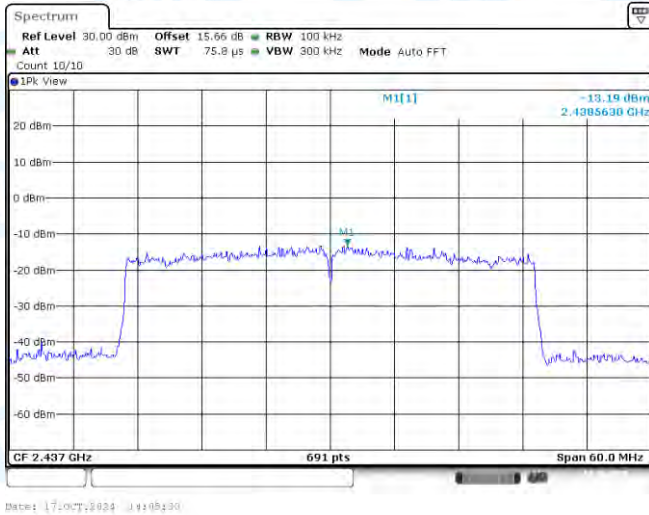
11AX40SISO-Ant1-2422-0~Reference-PASS



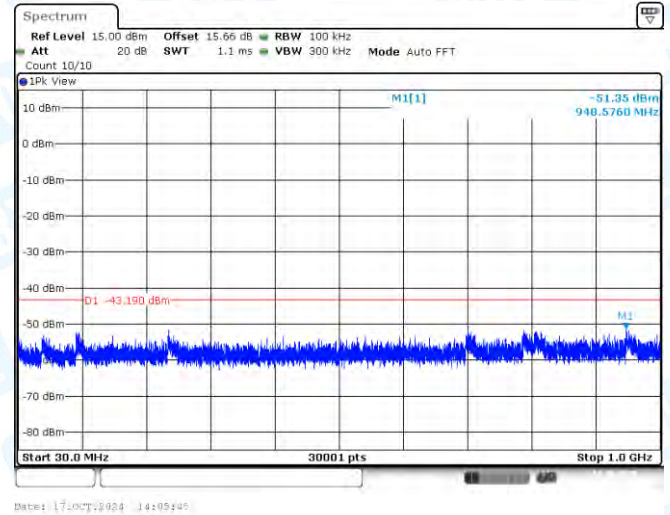
11AX40SISO-Ant1-2422-30~1000-PASS



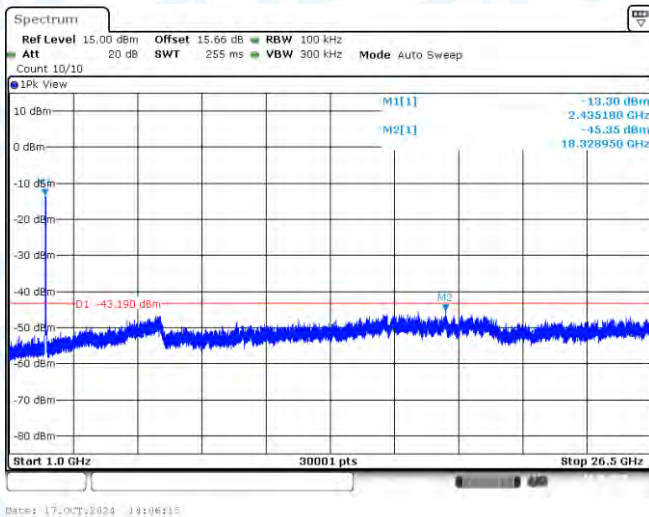
11AX40SISO-Ant1-2422-1000~26500-PASS



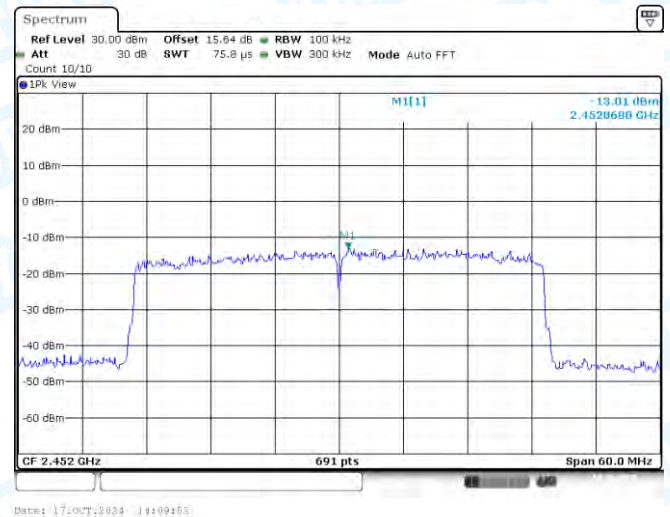
11AX40SISO-Ant1-2437-0~Reference-PASS



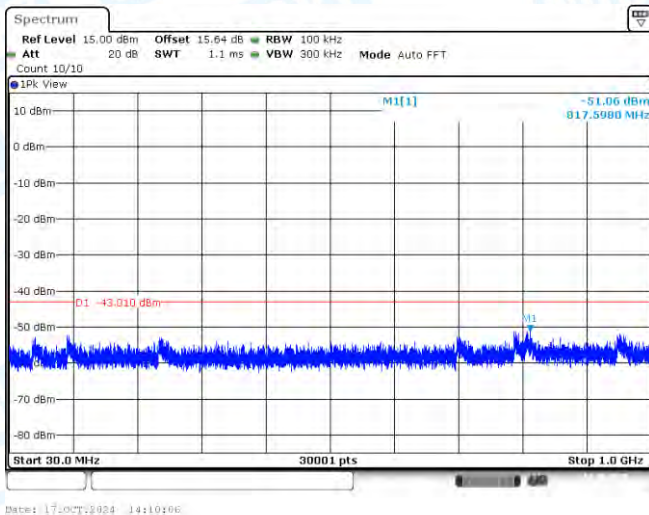
11AX40SISO-Ant1-2437-30~1000-PASS



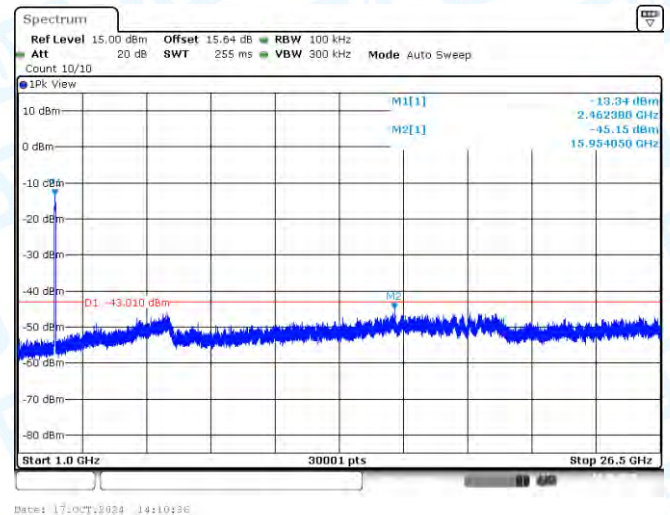
11AX40SISO-Ant1-2437-1000~26500-PASS



11AX40SISO-Ant1-2452-0~Reference-PASS



11AX40SISO-Ant1-2452-30~1000-PASS



11AX40SISO-Ant1-2452-1000~26500-PASS

7: Duty Cycle

7.1 Test Result

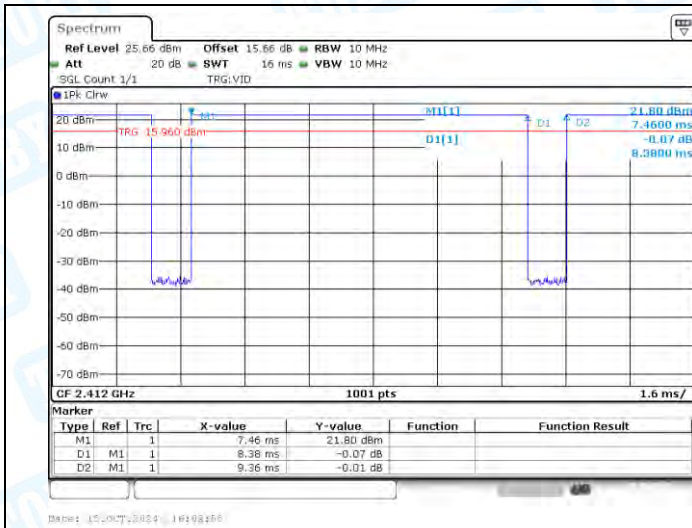
TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factory	1/T [kHz]
11B	Ant1	2412	8.38	9.36	89.53	0.48	0.12
11B	Ant1	2437	8.40	9.38	89.55	0.48	0.12
11B	Ant1	2462	8.38	9.36	89.53	0.48	0.12
11G	Ant1	2412	1.40	2.37	59.07	2.29	0.71
11G	Ant1	2437	1.39	2.37	58.65	2.32	0.72
11G	Ant1	2462	1.39	2.37	58.65	2.32	0.72
11N20SISO	Ant1	2412	1.29	2.27	56.83	2.45	0.78
11N20SISO	Ant1	2437	1.31	2.28	57.46	2.41	0.76
11N20SISO	Ant1	2462	1.31	2.28	57.46	2.41	0.76
11N40SISO	Ant1	2422	0.64	1.85	34.59	4.61	1.56
11N40SISO	Ant1	2437	0.64	1.62	39.51	4.03	1.56
11N40SISO	Ant1	2452	0.64	1.85	34.59	4.61	1.56
11AX20SISO	Ant1	2412	1.01	2.00	50.50	2.97	0.99
11AX20SISO	Ant1	2437	1.01	1.99	50.75	2.95	0.99
11AX20SISO	Ant1	2462	1.01	1.99	50.75	2.95	0.99
11AX40SISO	Ant1	2422	0.53	1.52	34.87	4.58	1.89
11AX40SISO	Ant1	2437	0.54	1.51	35.76	4.47	1.85
11AX40SISO	Ant1	2452	0.53	1.52	34.87	4.58	1.89

Note: 1, Duty Cycle= Transmission Duration/ Transmission Period

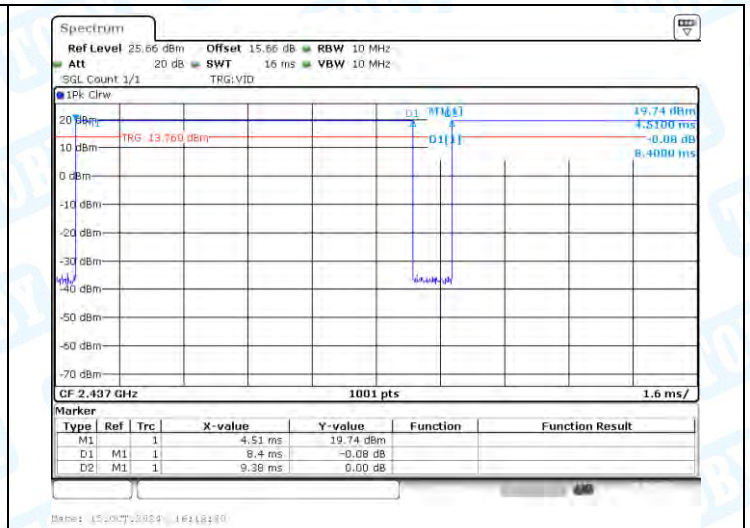
2, DC Factory=10*Log₁₀(1/Duty Cycle)

3, 1/T=1/ Transmission Duration

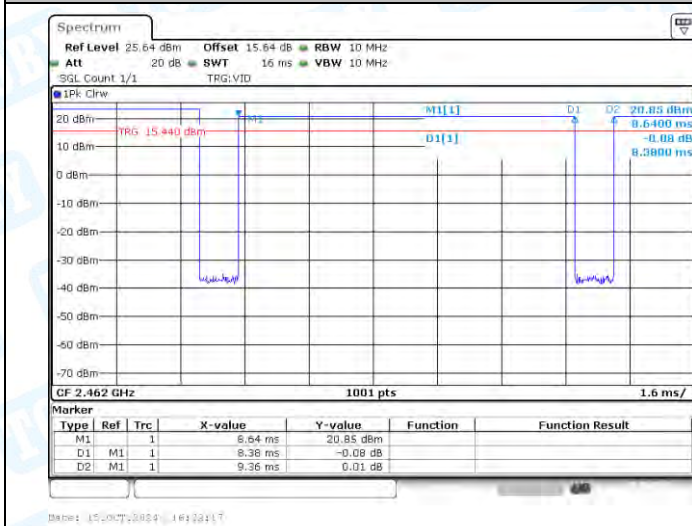
7.2 Test Graphs



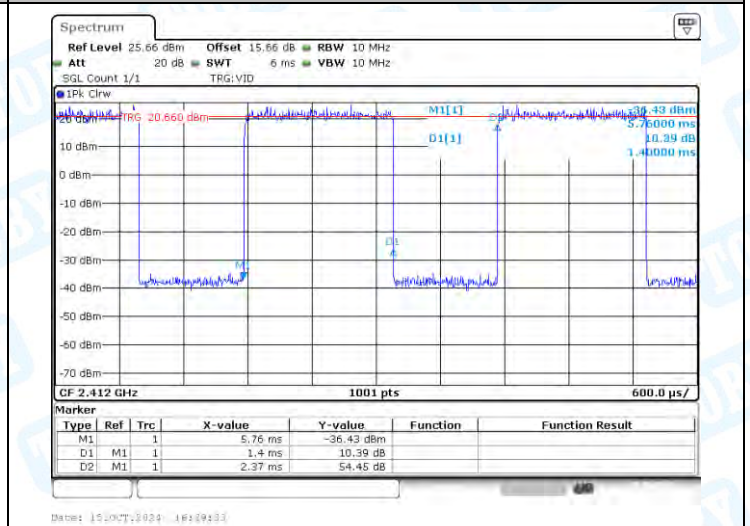
NTVN-11B-Ant1-2412



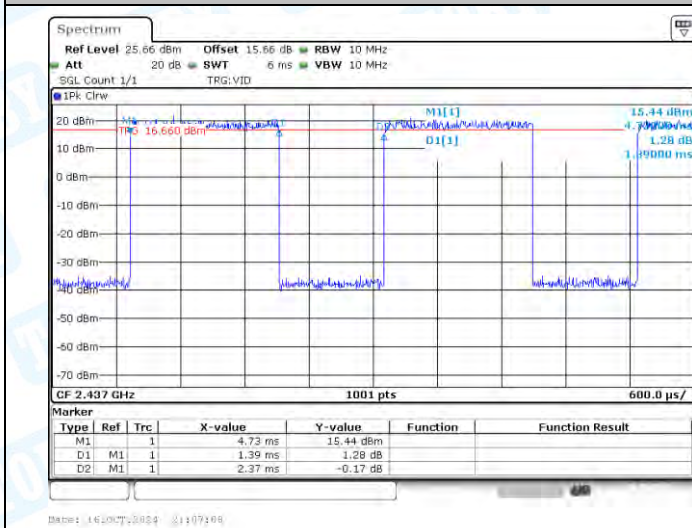
NTVN-11B-Ant1-2437



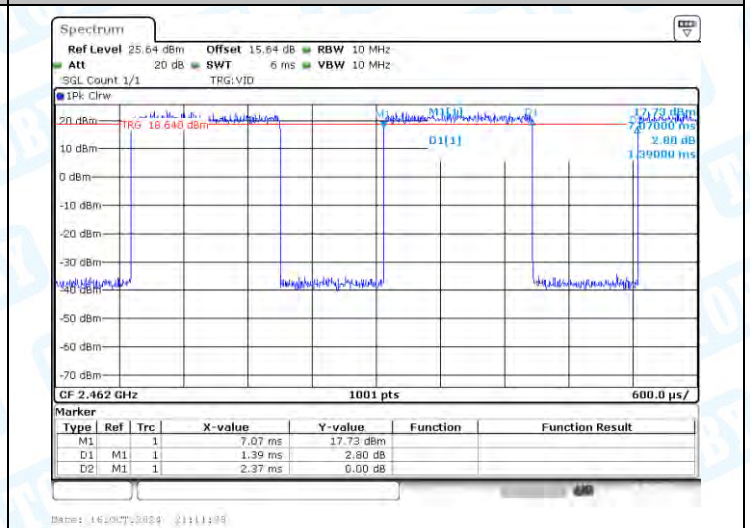
NTVN-11B-Ant1-2462



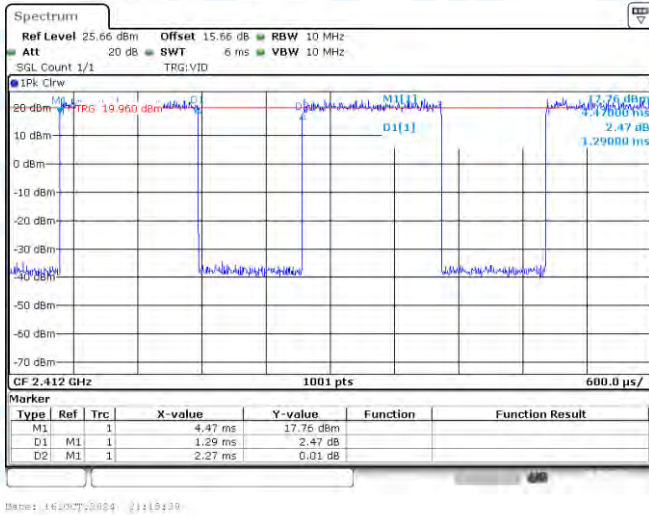
NTVN-11G-Ant1-2412



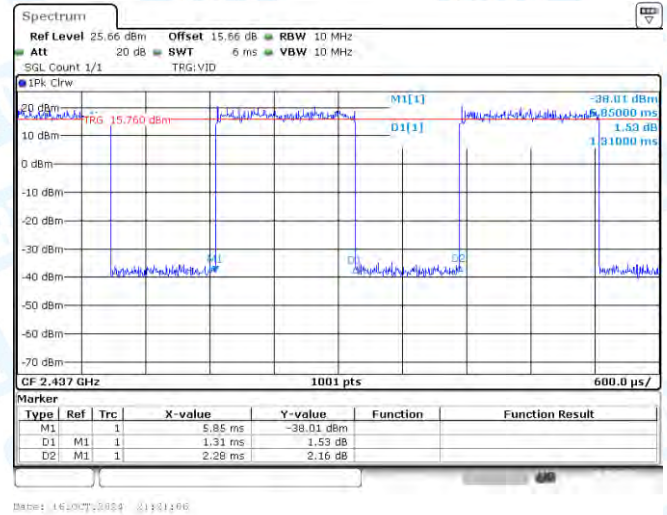
NTVN-11G-Ant1-2437



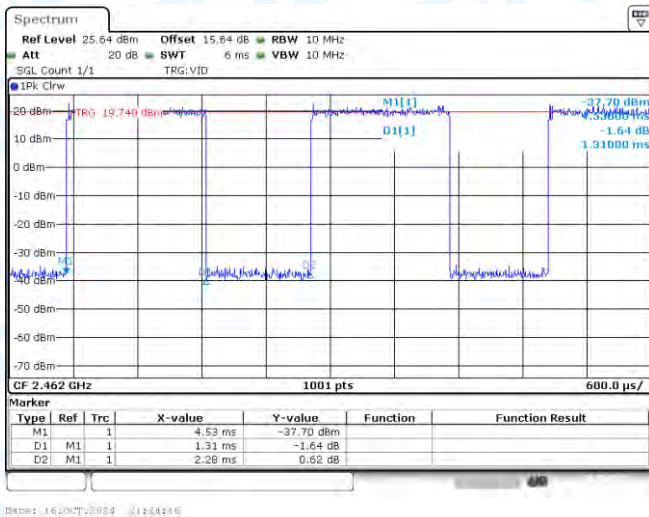
NTVN-11G-Ant1-2462



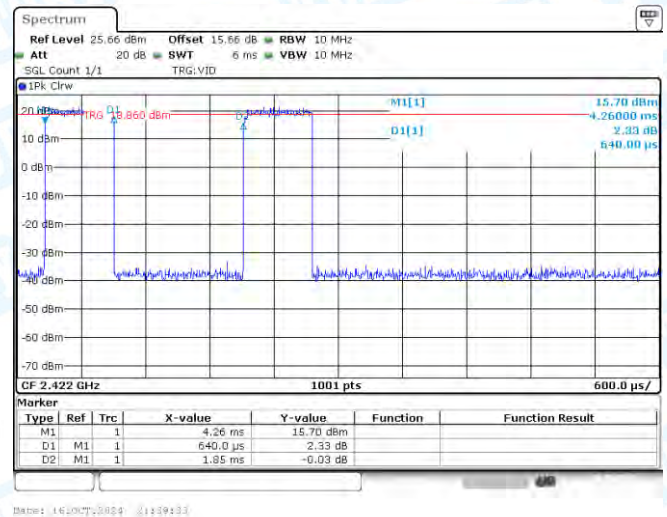
NTNV-11N20SISO-Ant1-2412



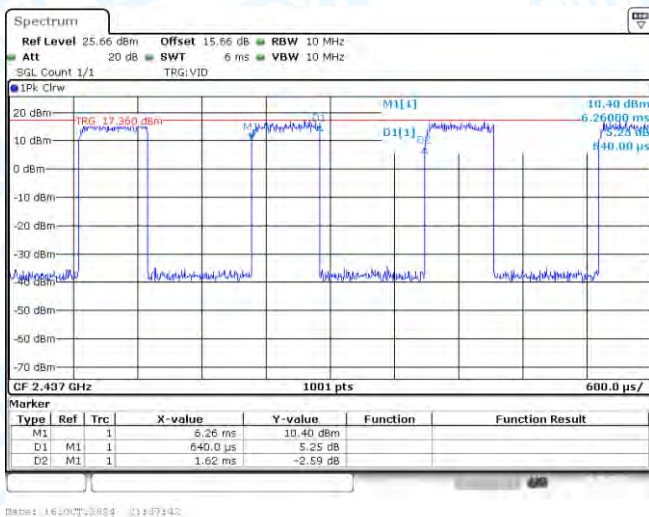
NTNV-11N20SISO-Ant1-2437



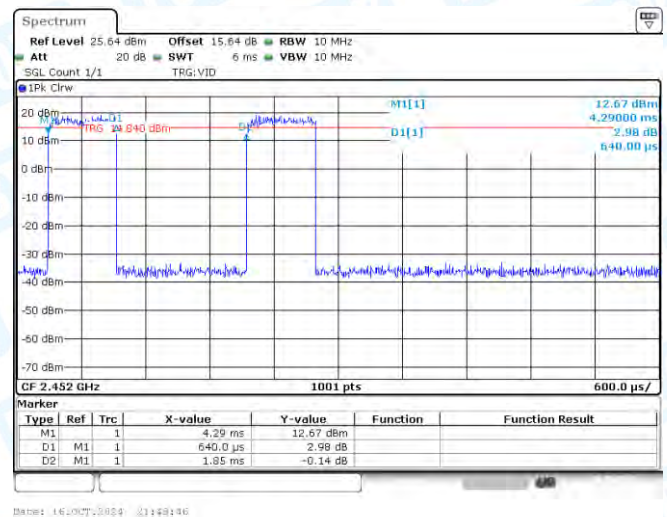
NTNV-11N20SISO-Ant1-2462



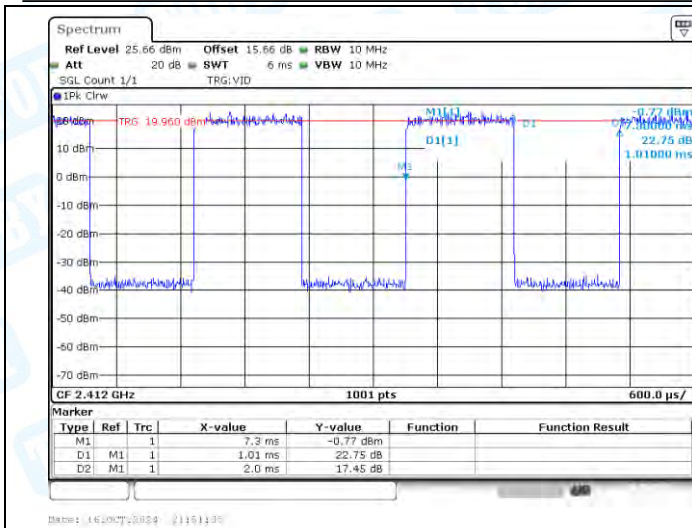
NTNV-11N40SISO-Ant1-2422



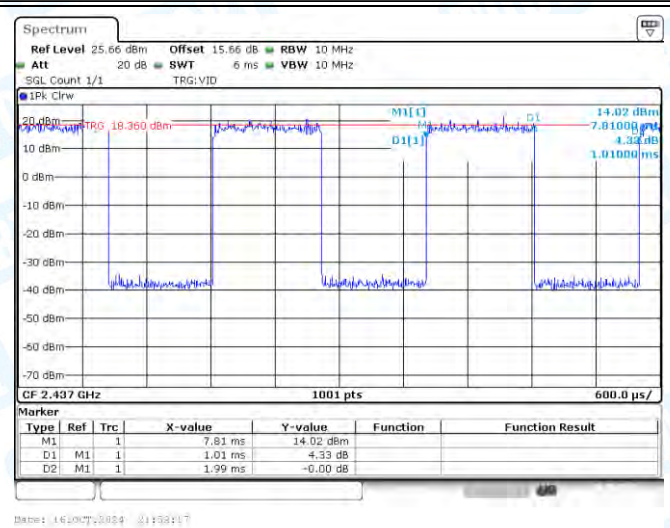
NTNV-11N40SISO-Ant1-2437



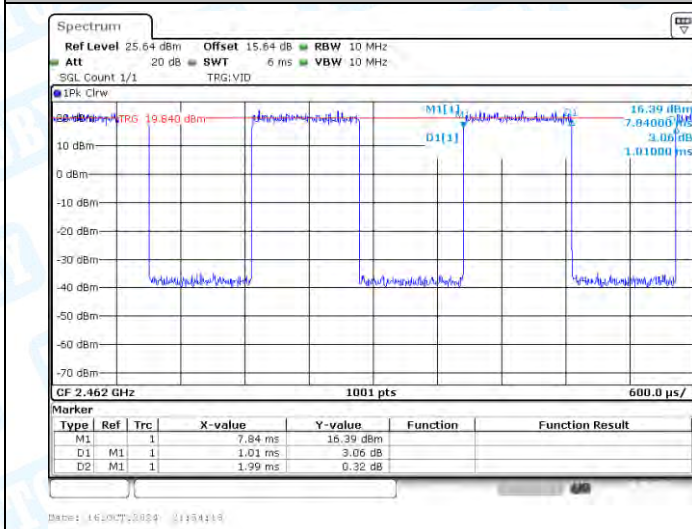
NTNV-11N40SISO-Ant1-2452



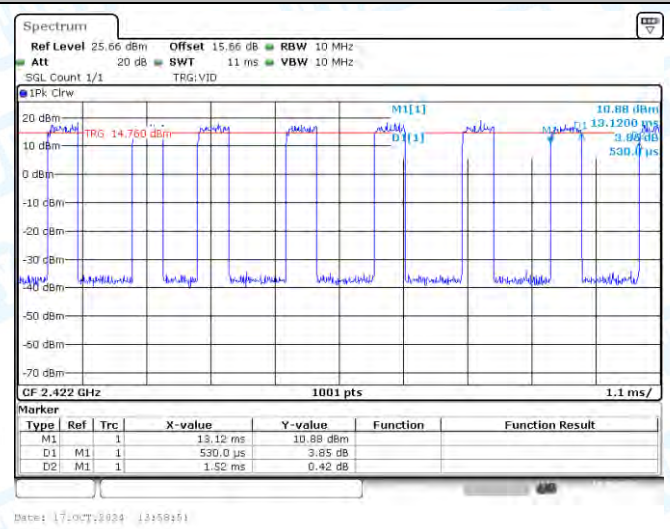
NTNV-11AX20SISO-Ant1-2412



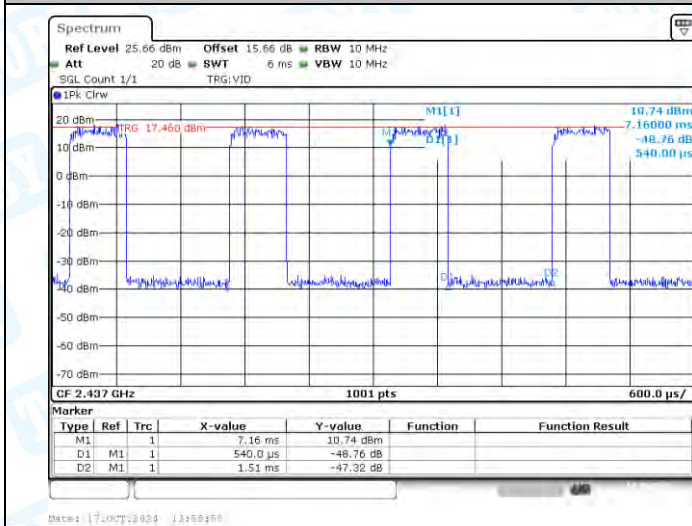
NTNV-11AX20SISO-Ant1-2437



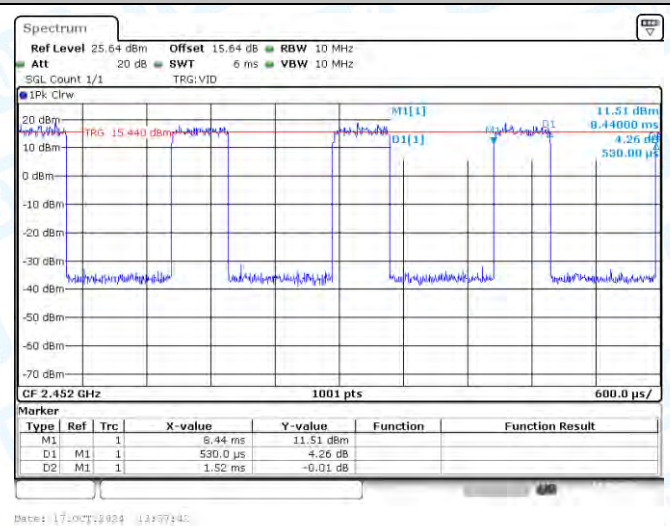
NTNV-11AX20SISO-Ant1-2462



NTNV-11AX40SISO-Ant1-2422



NTNV-11AX40SISO-Ant1-2437



NTNV-11AX40SISO-Ant1-2452

8: Emissions in Restricted Bands

8.1 Test Result

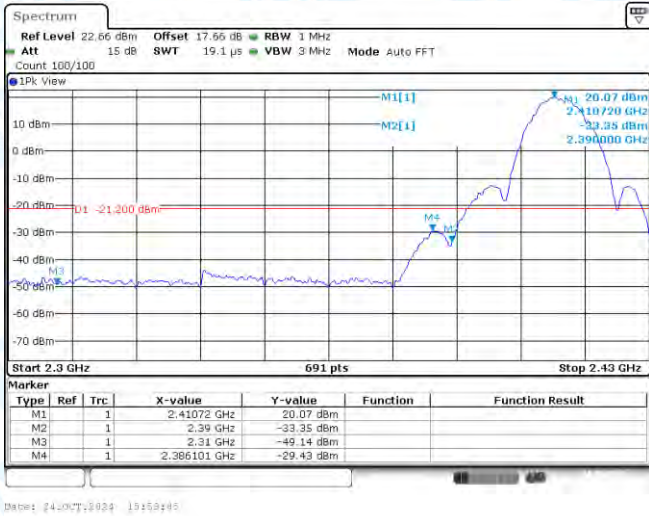
TestMode	Ant.	ChName	Freq. [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	Peak	2390.000	-33.35	≤-21.20	61.85	≤74	PASS
11B	Ant1	Low	2412	Peak	2310.000	-49.14	≤-21.20	46.06	≤74	PASS
11B	Ant1	Low	2412	Peak	2386.101	-29.43	≤-21.20	65.77	≤74	PASS
11B	Ant1	Low	2412	AV	2390.000	-50.33	≤-41.20	44.87	≤54	PASS
11B	Ant1	Low	2412	AV	2310.000	-56.85	≤-41.20	38.35	≤54	PASS
11B	Ant1	Low	2412	AV	2387.232	-45.68	≤-41.20	49.52	≤54	PASS
11B	Ant1	High	2462	Peak	2483.500	-36.42	≤-21.20	58.78	≤74	PASS
11B	Ant1	High	2462	Peak	2500.000	-47.81	≤-21.20	47.39	≤74	PASS
11B	Ant1	High	2462	Peak	2487.826	-26.29	≤-21.20	68.91	≤74	PASS
11B	Ant1	High	2462	AV	2483.500	-45.89	≤-41.20	49.31	≤54	PASS
11B	Ant1	High	2462	AV	2500.000	-56.76	≤-41.20	38.44	≤54	PASS
11B	Ant1	High	2462	AV	2486.870	-45.17	≤-41.20	50.03	≤54	PASS
11G	Ant1	Low	2412	Peak	2390.000	-30.57	≤-21.20	64.63	≤74	PASS
11G	Ant1	Low	2412	Peak	2310.000	-47.55	≤-21.20	47.65	≤74	PASS
11G	Ant1	Low	2412	Peak	2387.986	-29.65	≤-21.20	65.55	≤74	PASS
11G	Ant1	Low	2412	AV	2390.000	-43.04	≤-41.20	52.16	≤54	PASS
11G	Ant1	Low	2412	AV	2310.000	-56.83	≤-41.20	38.37	≤54	PASS
11G	Ant1	Low	2412	AV	2389.870	-43.13	≤-41.20	52.07	≤54	PASS
11G	Ant1	High	2462	Peak	2483.500	-30.33	≤-21.20	64.87	≤74	PASS
11G	Ant1	High	2462	Peak	2500.000	-45.81	≤-21.20	49.39	≤74	PASS
11G	Ant1	High	2462	Peak	2483.681	-30.13	≤-21.20	65.07	≤74	PASS
11G	Ant1	High	2462	AV	2483.500	-41.91	≤-41.20	53.29	≤54	PASS
11G	Ant1	High	2462	AV	2500.000	-56.9	≤-41.20	38.30	≤54	PASS
11G	Ant1	High	2462	AV	2483.522	-41.91	≤-41.20	53.29	≤54	PASS
11N20SISO	Ant1	Low	2412	Peak	2390.000	-35.2	≤-21.20	60.00	≤74	PASS
11N20SISO	Ant1	Low	2412	Peak	2310.000	-47.44	≤-21.20	47.76	≤74	PASS
11N20SISO	Ant1	Low	2412	Peak	2389.304	-34.27	≤-21.20	60.93	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2390.000	-47.62	≤-41.20	47.58	≤54	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-57.23	≤-41.20	37.97	≤54	PASS
11N20SISO	Ant1	Low	2412	AV	2389.493	-47.71	≤-41.20	47.49	≤54	PASS
11N20SISO	Ant1	High	2462	Peak	2483.500	-33.93	≤-21.20	61.27	≤74	PASS
11N20SISO	Ant1	High	2462	Peak	2500.000	-46.91	≤-21.20	48.29	≤74	PASS
11N20SISO	Ant1	High	2462	Peak	2484.319	-32.1	≤-21.20	63.10	≤74	PASS
11N20SISO	Ant1	High	2462	AV	2483.500	-42.47	≤-41.20	52.73	≤54	PASS
11N20SISO	Ant1	High	2462	AV	2500.000	-56.91	≤-41.20	38.29	≤54	PASS
11N20SISO	Ant1	High	2462	AV	2483.522	-42.47	≤-41.20	52.73	≤54	PASS
11N40SISO	Ant1	Low	2422	Peak	2390.000	-37.94	≤-21.20	57.26	≤74	PASS
11N40SISO	Ant1	Low	2422	Peak	2310.000	-47.62	≤-21.20	47.58	≤74	PASS
11N40SISO	Ant1	Low	2422	Peak	2389.870	-38.11	≤-21.20	57.09	≤74	PASS
11N40SISO	Ant1	Low	2422	AV	2390.000	-47.37	≤-41.20	47.83	≤54	PASS

11N40SISO	Ant1	Low	2422	AV	2310.000	-57.01	≤-41.20	38.19	≤54	PASS
11N40SISO	Ant1	Low	2422	AV	2389.870	-47.49	≤-41.20	47.71	≤54	PASS
11N40SISO	Ant1	High	2452	Peak	2483.500	-33.92	≤-21.20	61.28	≤74	PASS
11N40SISO	Ant1	High	2452	Peak	2500.000	-46.77	≤-21.20	48.43	≤74	PASS
11N40SISO	Ant1	High	2452	Peak	2488.464	-33.2	≤-21.20	62.00	≤74	PASS
11N40SISO	Ant1	High	2452	AV	2483.500	-44.27	≤-41.20	50.93	≤54	PASS
11N40SISO	Ant1	High	2452	AV	2500.000	-56.76	≤-41.20	38.44	≤54	PASS
11N40SISO	Ant1	High	2452	AV	2484.159	-43.88	≤-41.20	51.32	≤54	PASS
11AX20SISO	Ant1	Low	2412	Peak	2390.000	-36.27	≤-21.20	58.93	≤74	PASS
11AX20SISO	Ant1	Low	2412	Peak	2310.000	-47.07	≤-21.20	48.13	≤74	PASS
11AX20SISO	Ant1	Low	2412	Peak	2389.870	-36.65	≤-21.20	58.55	≤74	PASS
11AX20SISO	Ant1	Low	2412	AV	2390.000	-48.16	≤-41.20	47.04	≤54	PASS
11AX20SISO	Ant1	Low	2412	AV	2310.000	-57.43	≤-41.20	37.77	≤54	PASS
11AX20SISO	Ant1	Low	2412	AV	2389.870	-48.21	≤-41.20	46.99	≤54	PASS
11AX20SISO	Ant1	High	2462	Peak	2483.500	-35.33	≤-21.20	59.87	≤74	PASS
11AX20SISO	Ant1	High	2462	Peak	2500.000	-47.82	≤-21.20	47.38	≤74	PASS
11AX20SISO	Ant1	High	2462	Peak	2484.797	-35.13	≤-21.20	60.07	≤74	PASS
11AX20SISO	Ant1	High	2462	AV	2483.500	-45.2	≤-41.20	50.00	≤54	PASS
11AX20SISO	Ant1	High	2462	AV	2500.000	-56.35	≤-41.20	38.85	≤54	PASS
11AX20SISO	Ant1	High	2462	AV	2483.522	-45.2	≤-41.20	50.00	≤54	PASS
11AX40SISO	Ant1	Low	2422	Peak	2390.000	-38.71	≤-21.20	56.49	≤74	PASS
11AX40SISO	Ant1	Low	2422	Peak	2310.000	-47.77	≤-21.20	47.43	≤74	PASS
11AX40SISO	Ant1	Low	2422	Peak	2387.043	-37.62	≤-21.20	57.58	≤74	PASS
11AX40SISO	Ant1	Low	2422	AV	2390.000	-49.32	≤-41.20	45.88	≤54	PASS
11AX40SISO	Ant1	Low	2422	AV	2310.000	-57.07	≤-41.20	38.13	≤54	PASS
11AX40SISO	Ant1	Low	2422	AV	2389.870	-49.47	≤-41.20	45.73	≤54	PASS
11AX40SISO	Ant1	High	2452	Peak	2483.500	-33.64	≤-21.20	61.56	≤74	PASS
11AX40SISO	Ant1	High	2452	Peak	2500.000	-47.84	≤-21.20	47.36	≤74	PASS
11AX40SISO	Ant1	High	2452	Peak	2488.464	-32.96	≤-21.20	62.24	≤74	PASS
11AX40SISO	Ant1	High	2452	AV	2483.500	-45.36	≤-41.20	49.84	≤54	PASS
11AX40SISO	Ant1	High	2452	AV	2500.000	-57.37	≤-41.20	37.83	≤54	PASS
11AX40SISO	Ant1	High	2452	AV	2484.319	-45	≤-41.20	50.20	≤54	PASS

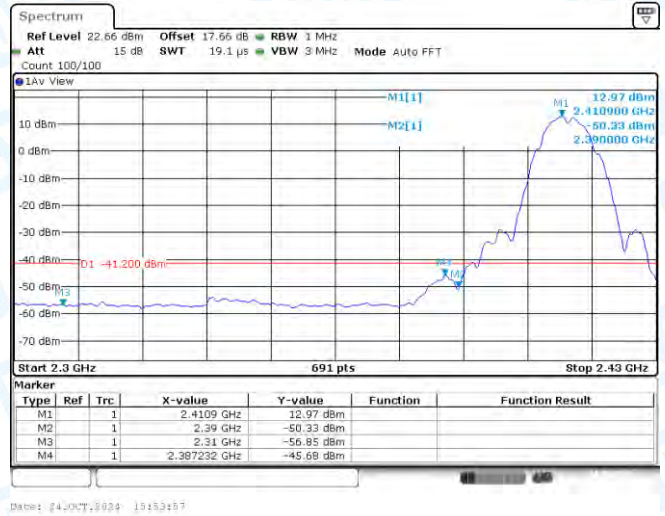
Note:

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

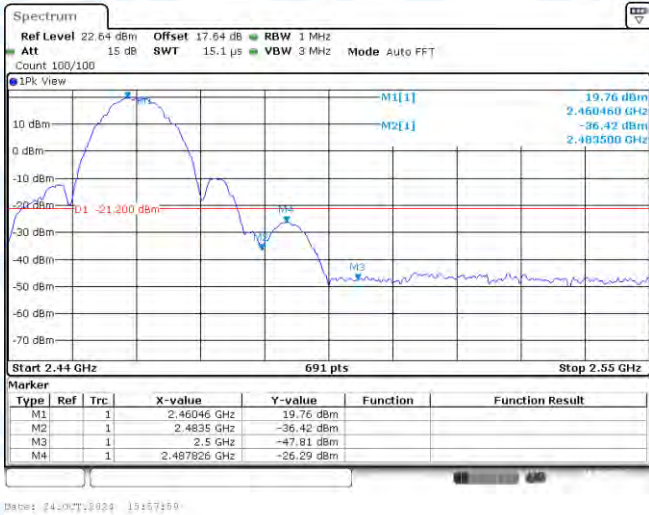
8.2 Test Graphs



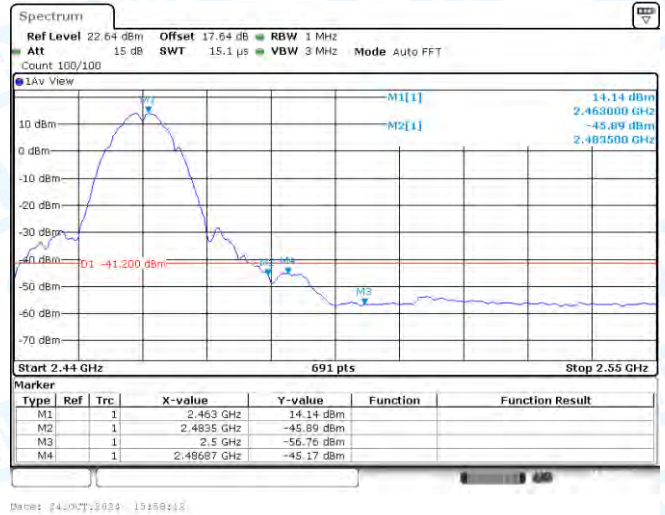
11B-Ant1-2412-PASS



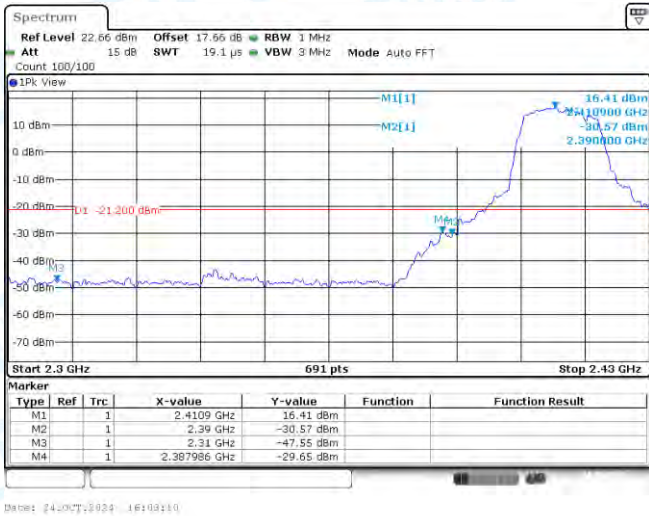
11B-Ant1-2412-PASS



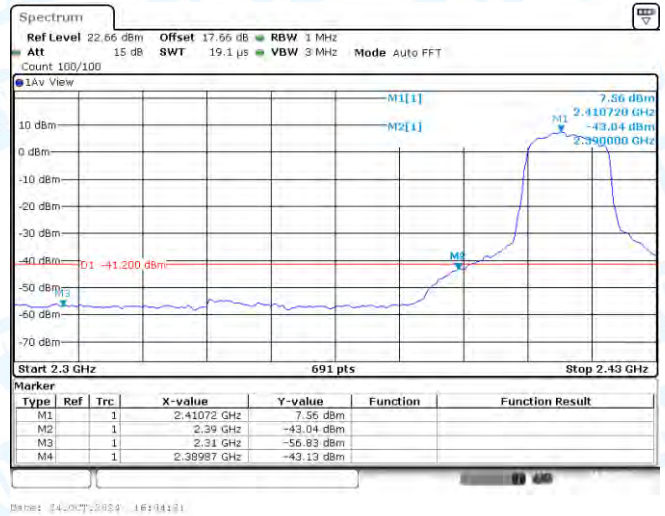
11B-Ant1-2462-PASS



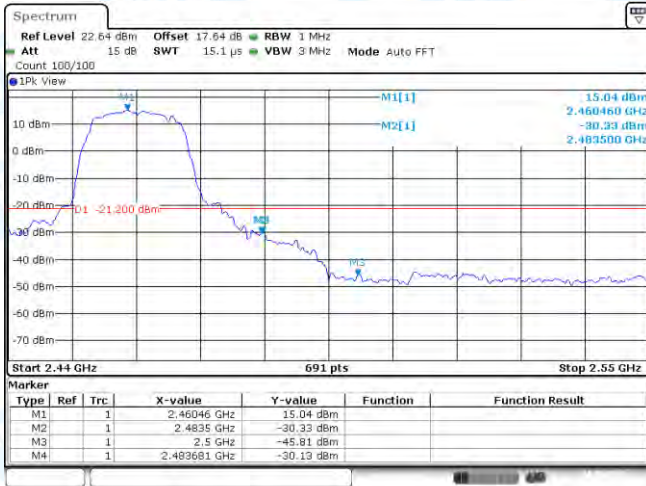
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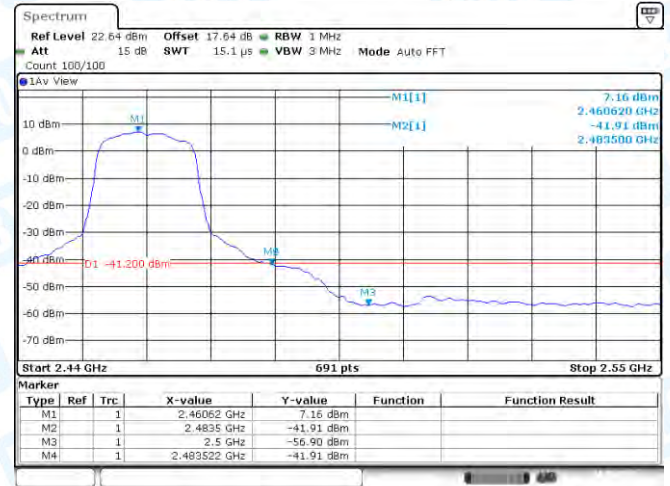
11G-Ant1-2412-PASS



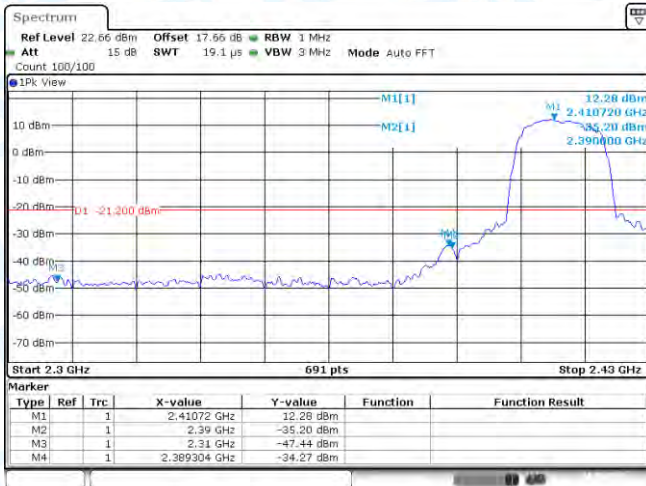
11G-Ant1-2412-PASS



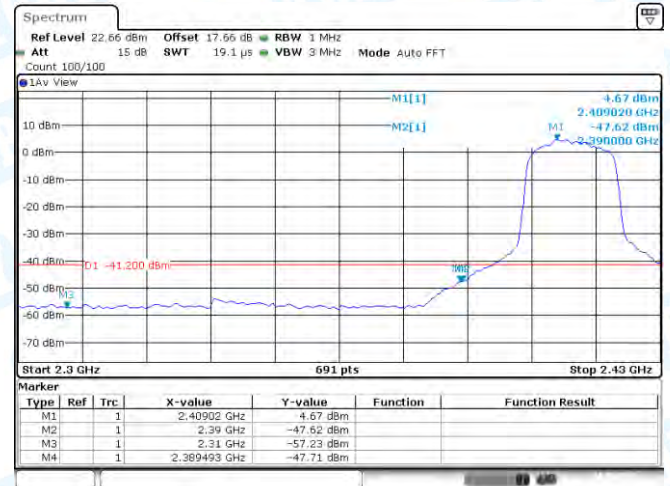
11G-Ant1-2462-PASS



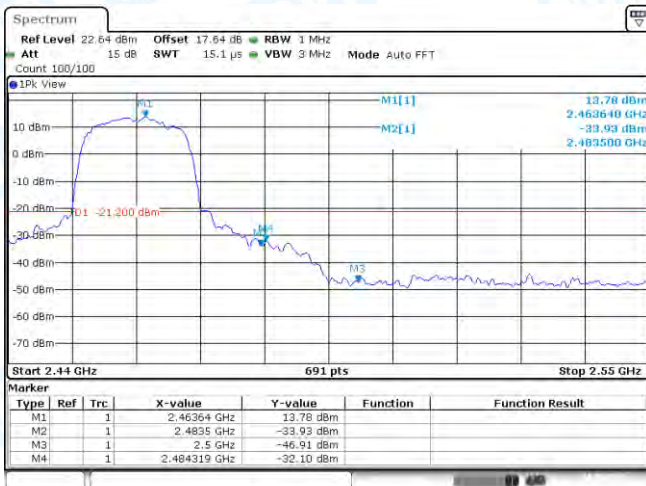
11G-Ant1-2462-PASS



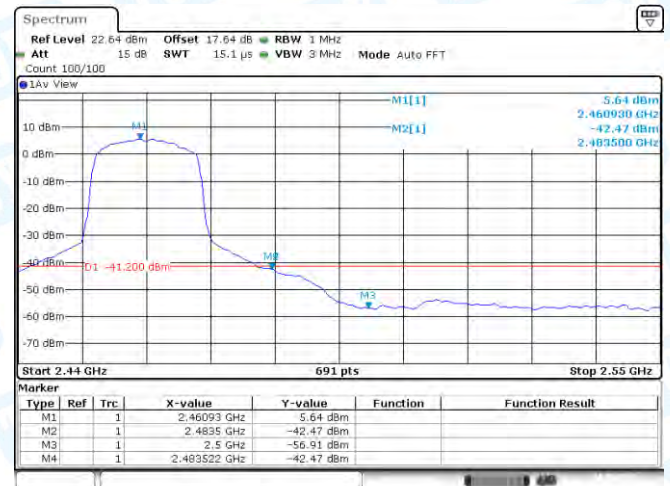
11N20SISO-Ant1-2412-PASS



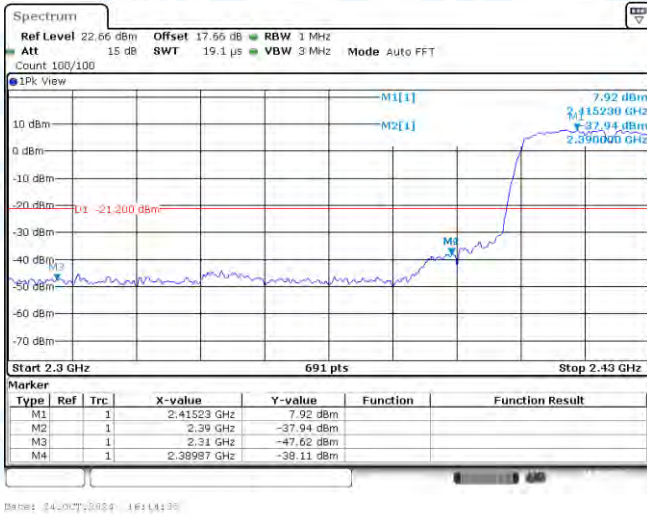
11N20SISO-Ant1-2412-PASS



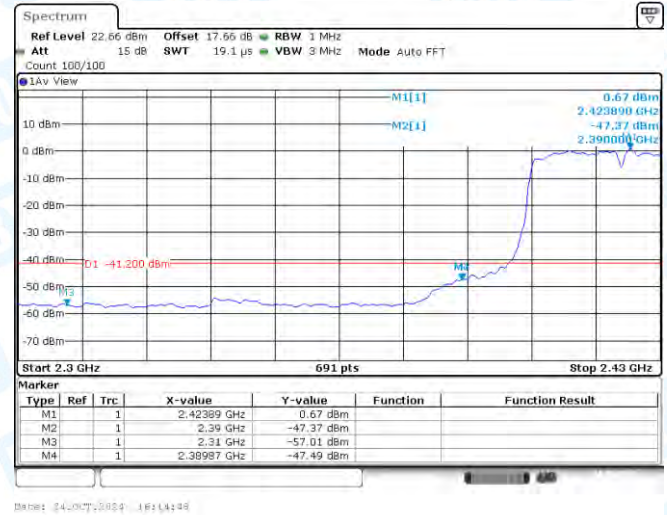
11N20SISO-Ant1-2462-PASS



11N20SISO-Ant1-2462-PASS



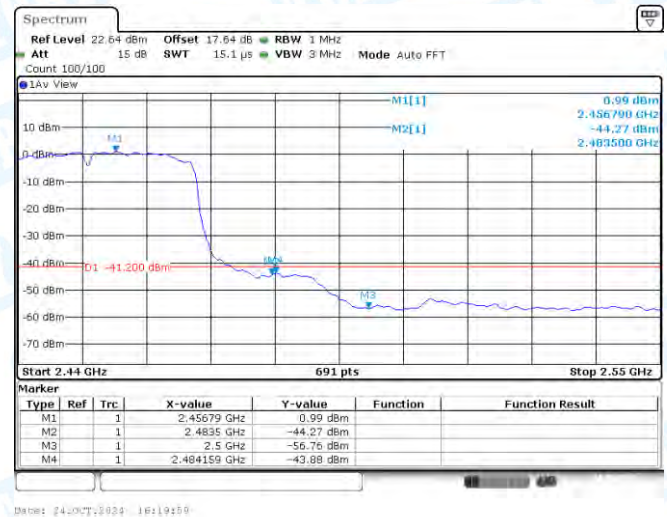
11N40SISO-Ant1-2422-PASS



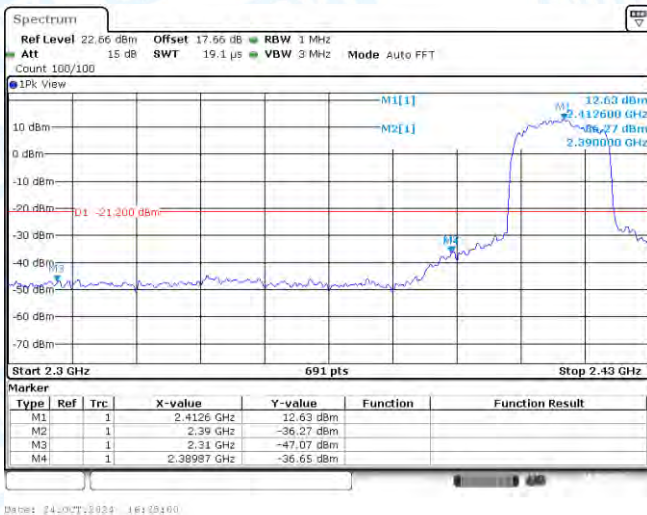
11N40SISO-Ant1-2422-PASS



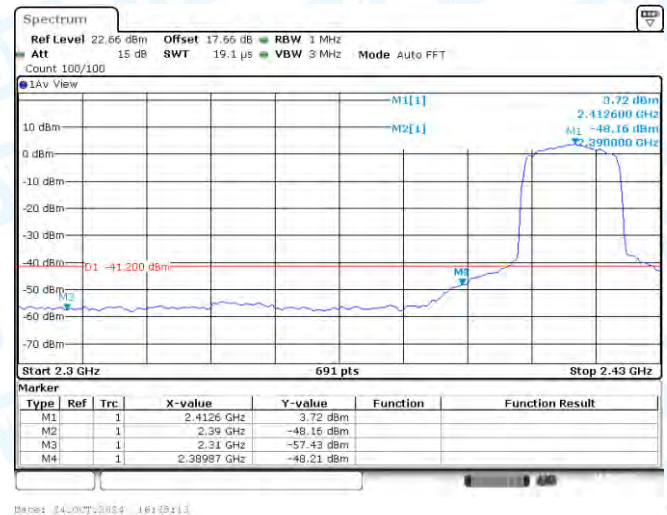
11N40SISO-Ant1-2452-PASS



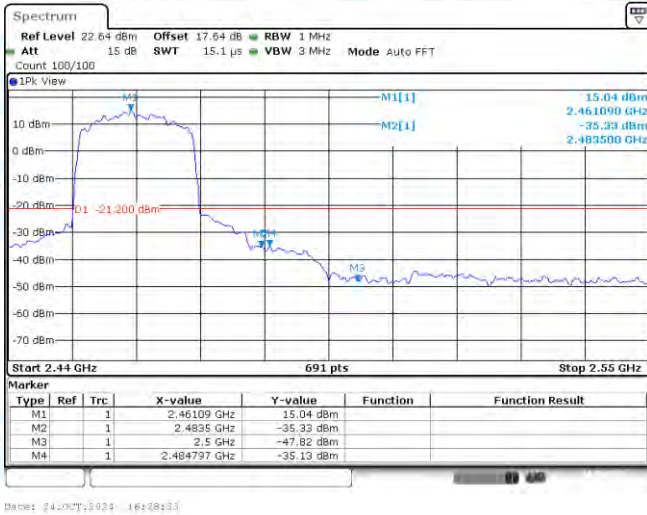
11N40SISO-Ant1-2452-PASS



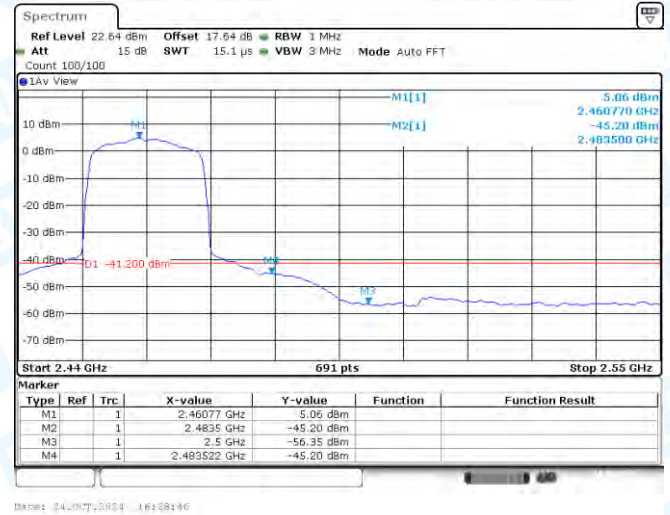
11AX20SISO-Ant1-2412-PASS



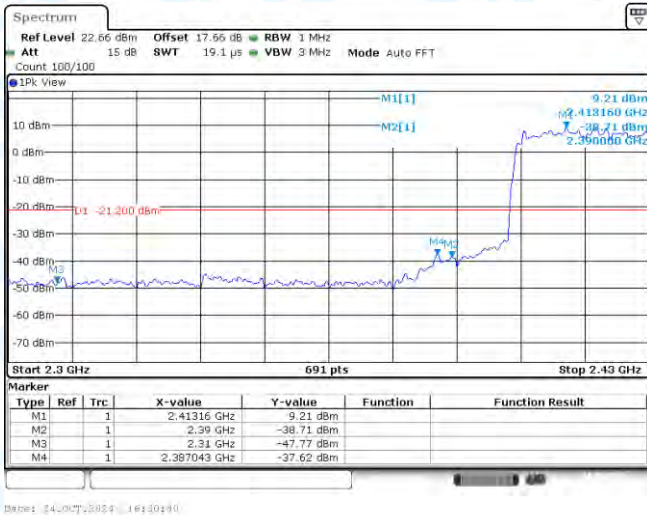
11AX20SISO-Ant1-2412-PASS



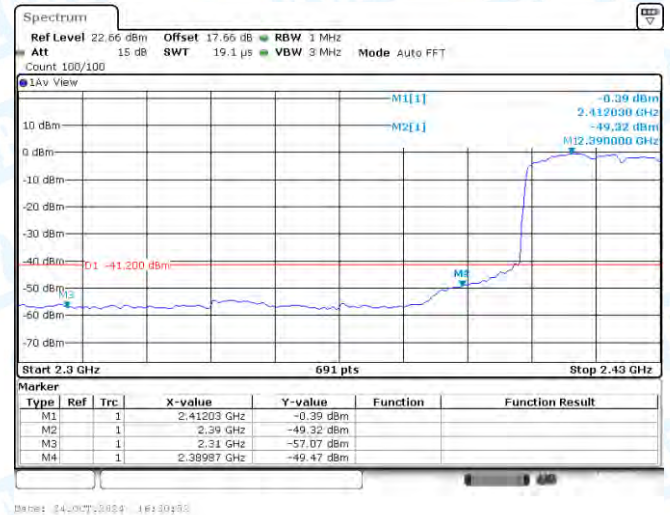
11AX20ISO-Ant1-2462-PASS



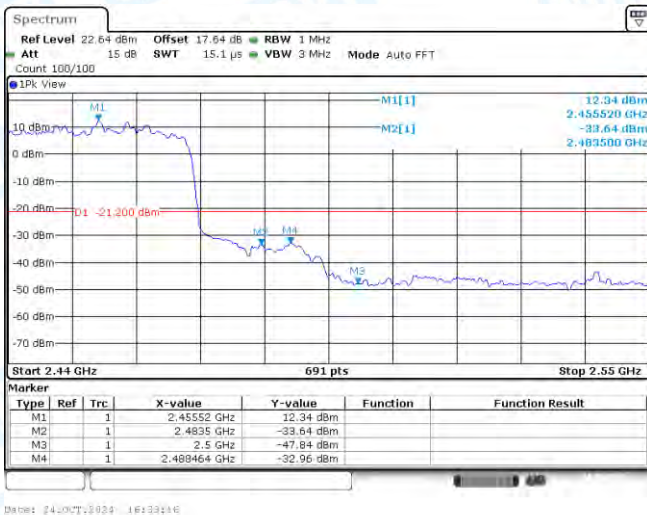
11AX20ISO-Ant1-2462-PASS



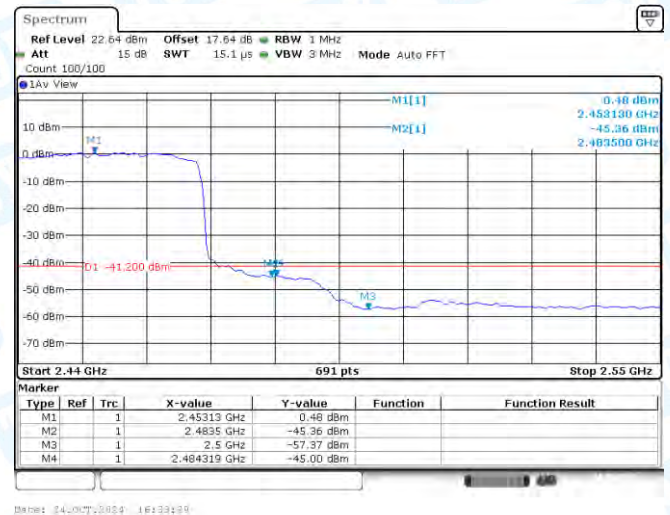
11AX40ISO-Ant1-2422-PASS



11AX40ISO-Ant1-2422-PASS



11AX40ISO-Ant1-2452-PASS



11AX40ISO-Ant1-2452-PASS

-----END OF THE REPORT-----