



## Appendix A: DTS Bandwidth

### Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.00	2407.04	2417.04	0.5	PASS
11B	Ant1	2437	10.04	2432.00	2442.04	0.5	PASS
11B	Ant1	2462	10.04	2457.04	2467.08	0.5	PASS
11G	Ant1	2412	16.56	2403.76	2420.32	0.5	PASS
11G	Ant1	2437	16.56	2428.76	2445.32	0.5	PASS
11G	Ant1	2462	16.56	2453.76	2470.32	0.5	PASS
11N20SISO	Ant1	2412	17.60	2403.24	2420.84	0.5	PASS
11N20SISO	Ant1	2437	17.60	2428.24	2445.84	0.5	PASS
11N20SISO	Ant1	2462	17.68	2453.24	2470.92	0.5	PASS
11N40SISO	Ant1	2422	36.40	2403.84	2440.24	0.5	PASS
11N40SISO	Ant1	2437	36.40	2418.84	2455.24	0.5	PASS
11N40SISO	Ant1	2452	36.40	2433.84	2470.24	0.5	PASS

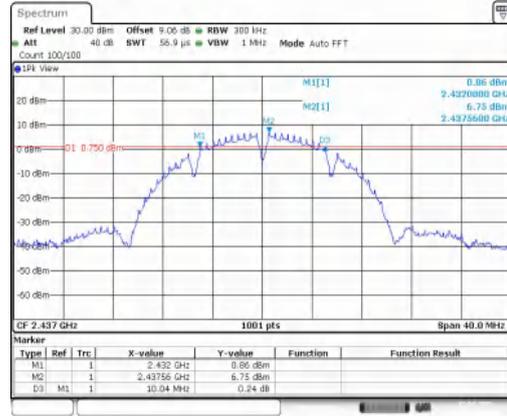


## Test Graphs



Date: 15-APR-2025 13:53:20

11B-Ant1-2412-PASS



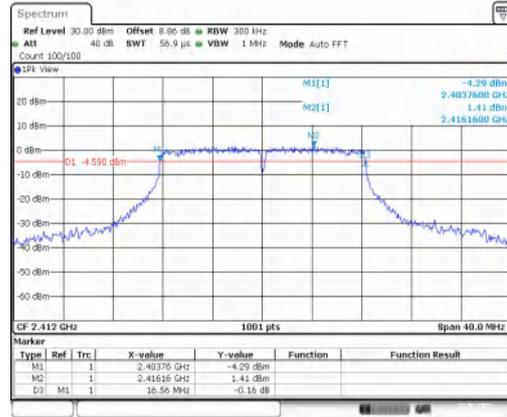
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11B-Ant1-2437-PASS



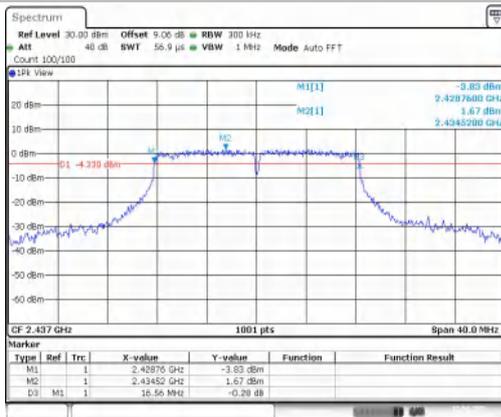
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11B-Ant1-2462-PASS



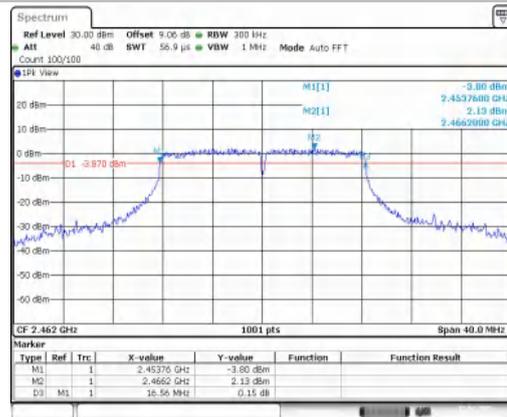
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11G-Ant1-2412-PASS



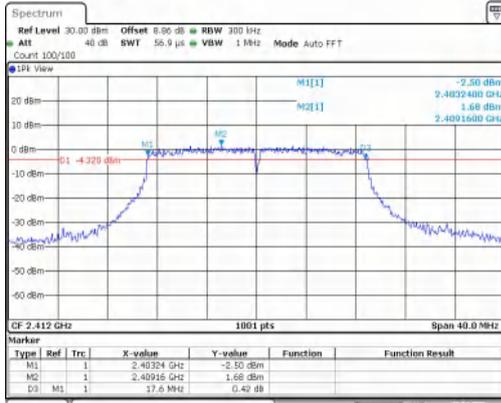
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11G-Ant1-2437-PASS

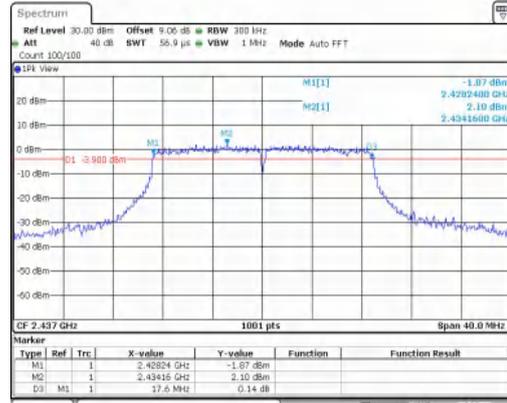


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11G-Ant1-2462-PASS



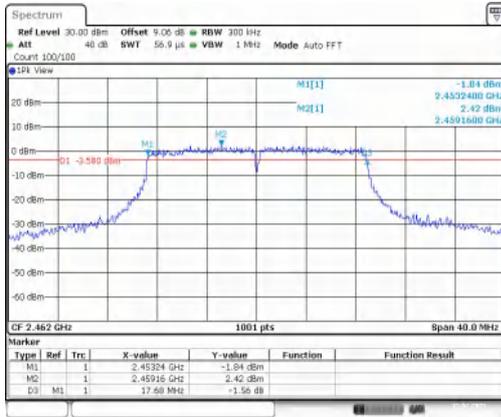
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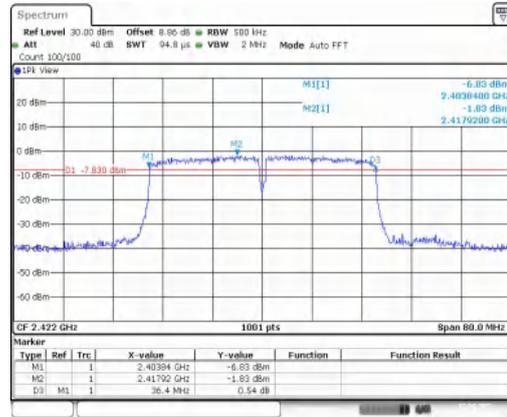
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11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS



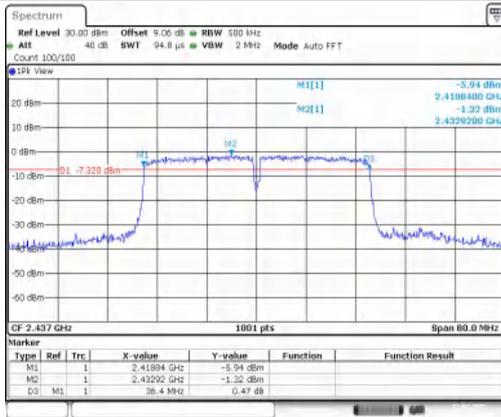
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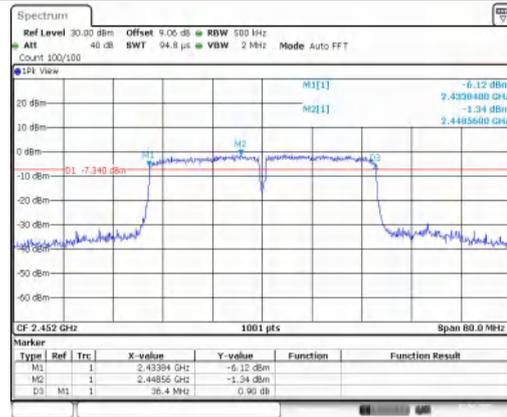
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11N20SISO-Ant1-2462-PASS

11N40SISO-Ant1-2422-PASS



Date: 15-APR-2025 19:09:43



Date: 15-APR-2025 19:26:16

11N40SISO-Ant1-2437-PASS

11N40SISO-Ant1-2452-PASS



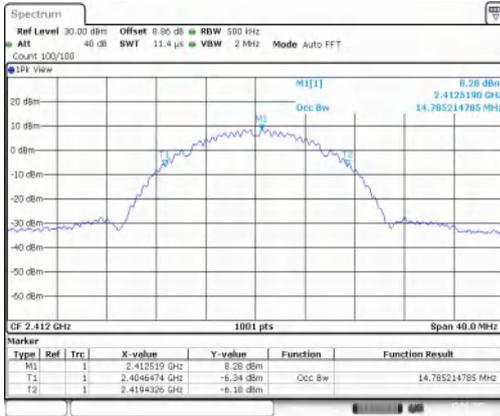
## Appendix B: Occupied Channel Bandwidth

### Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.785	2404.6474	2419.4326	---	---
11B	Ant1	2437	14.825	2429.6074	2444.4326	---	---
11B	Ant1	2462	14.825	2454.6474	2469.4725	---	---
11G	Ant1	2412	17.303	2403.2887	2420.5914	---	---
11G	Ant1	2437	17.463	2428.1688	2445.6314	---	---
11G	Ant1	2462	17.502	2453.1289	2470.6314	---	---
11N20SISO	Ant1	2412	18.182	2402.9690	2421.1508	---	---
11N20SISO	Ant1	2437	18.182	2427.9690	2446.1508	---	---
11N20SISO	Ant1	2462	18.382	2452.8492	2471.2308	---	---
11N40SISO	Ant1	2422	35.964	2404.0979	2440.0619	---	---
11N40SISO	Ant1	2437	35.964	2419.0979	2455.0619	---	---
11N40SISO	Ant1	2452	35.964	2434.0979	2470.0619	---	---



## Test Graphs



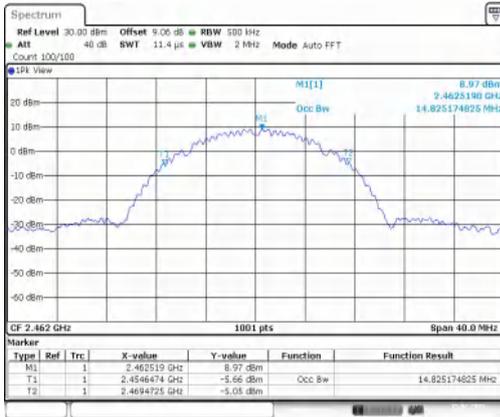
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11B-Ant1-2412



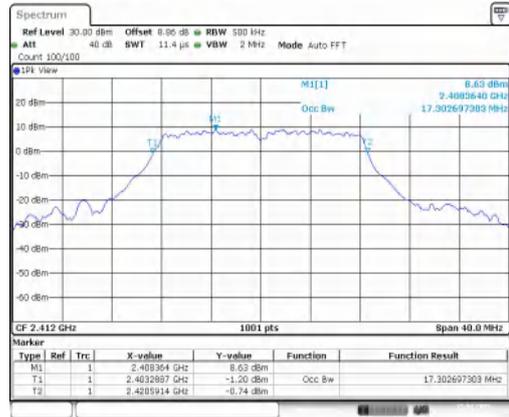
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11B-Ant1-2437



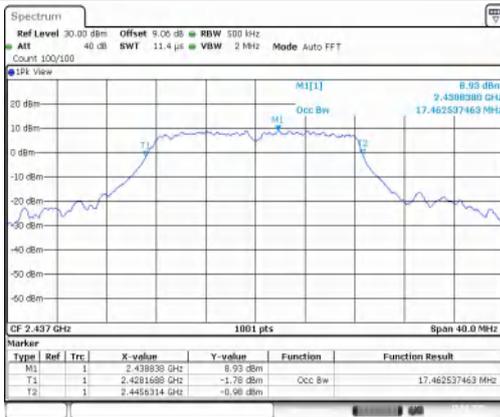
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11B-Ant1-2462



Date: 15-Apr-2025 19:07:29

11G-Ant1-2412



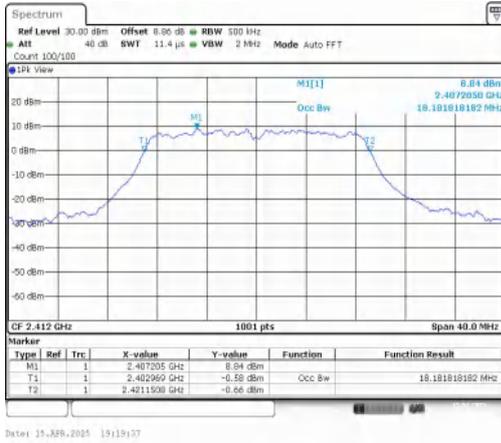
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11G-Ant1-2437

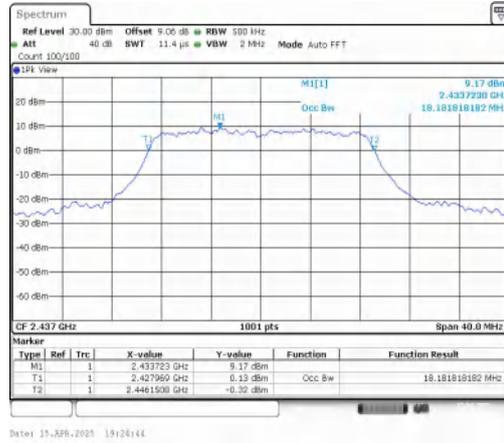


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11G-Ant1-2462



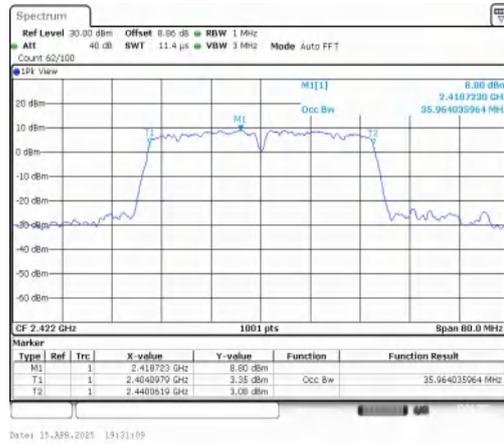
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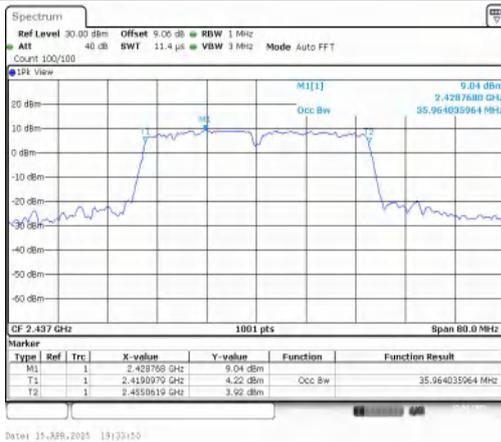
11N20SISO-Ant1-2437



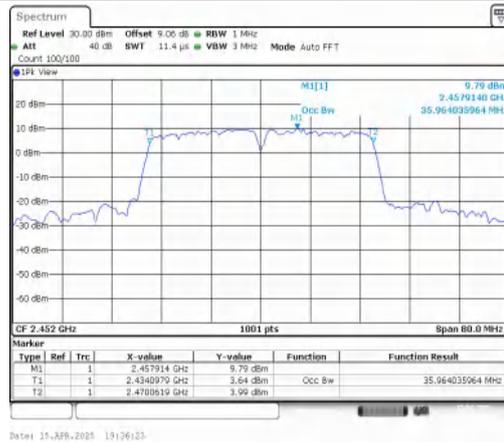
11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2437



11N40SISO-Ant1-2452



### Appendix C: Maximum conducted output power

#### Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Peak Powe Limit [dBm]	Gain [dBi]	Verdict
11B	Ant1	2412	16.92	≤30.00	1.35	PASS
11B	Ant1	2437	17.00	≤30.00	1.35	PASS
11B	Ant1	2462	17.62	≤30.00	1.35	PASS
11G	Ant1	2412	16.16	≤30.00	1.35	PASS
11G	Ant1	2437	16.38	≤30.00	1.35	PASS
11G	Ant1	2462	16.74	≤30.00	1.35	PASS
11N20SISO	Ant1	2412	16.04	≤30.00	1.35	PASS
11N20SISO	Ant1	2437	16.36	≤30.00	1.35	PASS
11N20SISO	Ant1	2462	16.77	≤30.00	1.35	PASS
11N40SISO	Ant1	2422	15.74	≤30.00	1.35	PASS
11N40SISO	Ant1	2437	16.39	≤30.00	1.35	PASS
11N40SISO	Ant1	2452	16.47	≤30.00	1.35	PASS



Test Result Average

Test Mode	Antenna	Frequency [MHz]	Reading Power [dBm]	DC Factor [dB]	AV Power [dBm]	AV Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	13.40	0.00	13.40	≤30.00	1.35	17.28	≤36.00	PASS
11B	Ant1	2437	13.87	0.00	13.87	≤30.00	1.35	17.75	≤36.00	PASS
11B	Ant1	2462	13.33	0.00	13.33	≤30.00	1.35	18.21	≤36.00	PASS
11G	Ant1	2412	12.42	0.00	12.42	≤30.00	1.35	16.37	≤36.00	PASS
11G	Ant1	2437	12.06	0.00	12.06	≤30.00	1.35	16.94	≤36.00	PASS
11G	Ant1	2462	12.23	0.00	12.23	≤30.00	1.35	17.16	≤36.00	PASS
11N20SISO	Ant1	2412	11.32	0.00	11.32	≤30.00	1.35	16.27	≤36.00	PASS
11N20SISO	Ant1	2437	11.22	0.00	11.22	≤30.00	1.35	16.90	≤36.00	PASS
11N20SISO	Ant1	2462	11.26	0.00	11.26	≤30.00	1.35	17.14	≤36.00	PASS
11N40SISO	Ant1	2422	10.32	0.00	10.32	≤30.00	1.35	16.25	≤36.00	PASS
11N40SISO	Ant1	2437	10.27	0.00	10.27	≤30.00	1.35	16.95	≤36.00	PASS
11N40SISO	Ant1	2452	10.20	0.00	10.20	≤30.00	1.35	17.08	≤36.00	PASS

AV Power [dBm]= Reading power +DC Factor



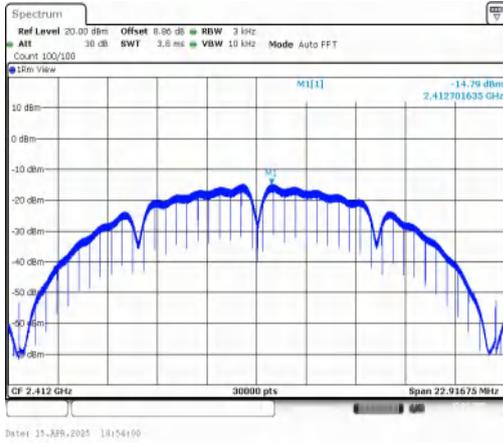
## Appendix D: Maximum power spectral density

### Test Result

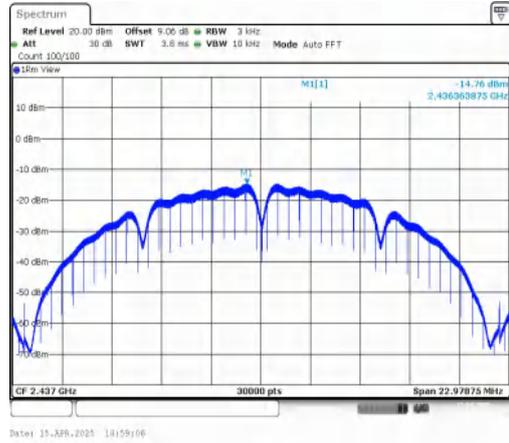
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.79	≤8.00	PASS
11B	Ant1	2437	-14.76	≤8.00	PASS
11B	Ant1	2462	-14.17	≤8.00	PASS
11G	Ant1	2412	-15.74	≤8.00	PASS
11G	Ant1	2437	-16.03	≤8.00	PASS
11G	Ant1	2462	-15.52	≤8.00	PASS
11N20SISO	Ant1	2412	-16.43	≤8.00	PASS
11N20SISO	Ant1	2437	-16.47	≤8.00	PASS
11N20SISO	Ant1	2462	-16.18	≤8.00	PASS
11N40SISO	Ant1	2422	-19.03	≤8.00	PASS
11N40SISO	Ant1	2437	-17.92	≤8.00	PASS
11N40SISO	Ant1	2452	-17.79	≤8.00	PASS



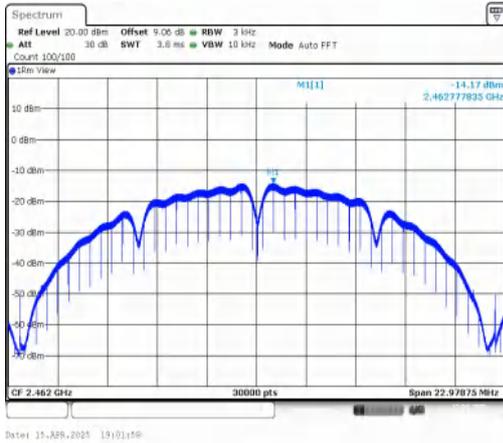
Test Graphs



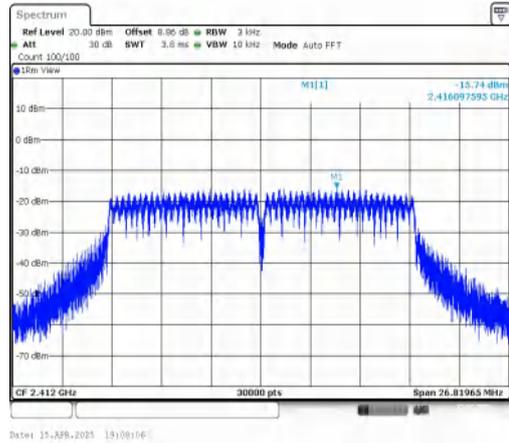
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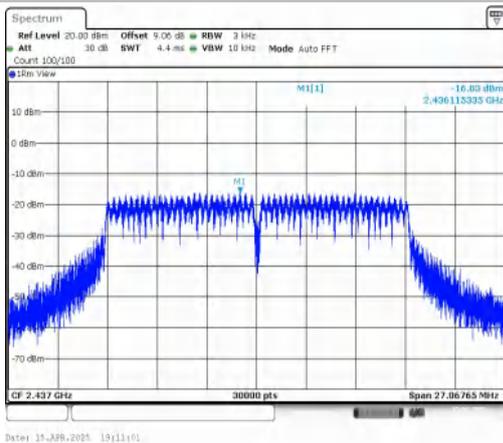
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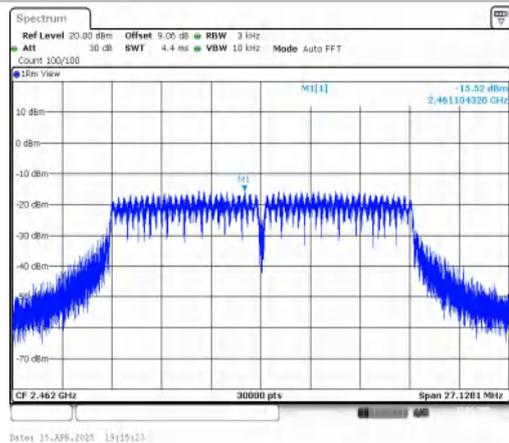
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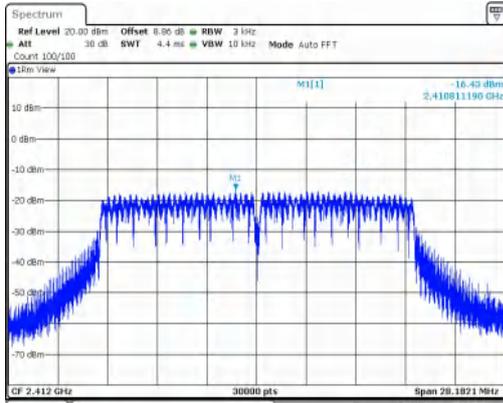
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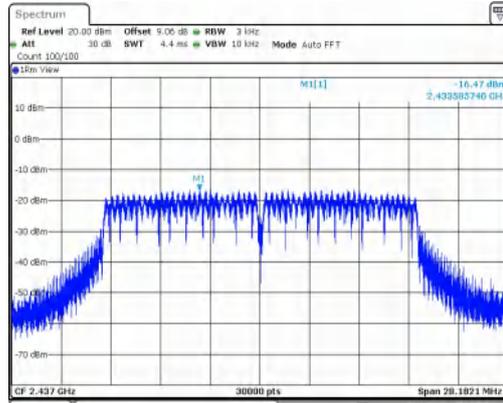
11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



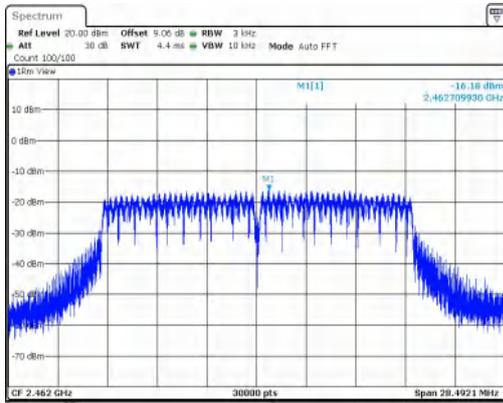
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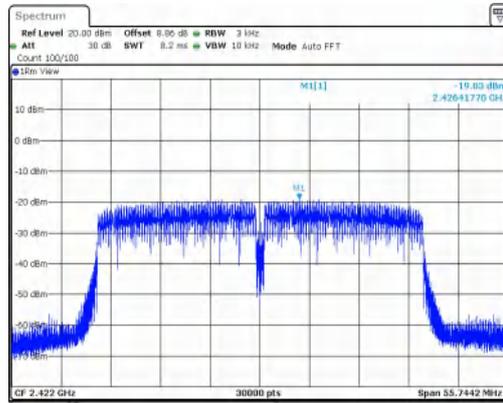
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11N20SISO-Ant1-2437-PASS



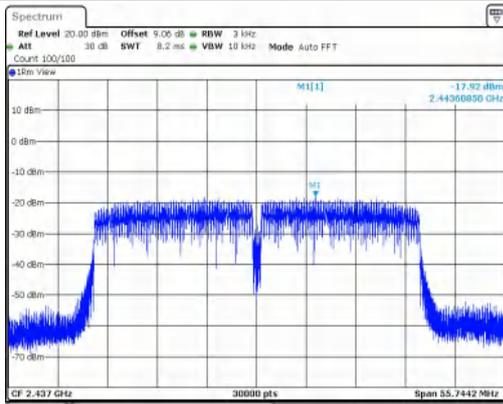
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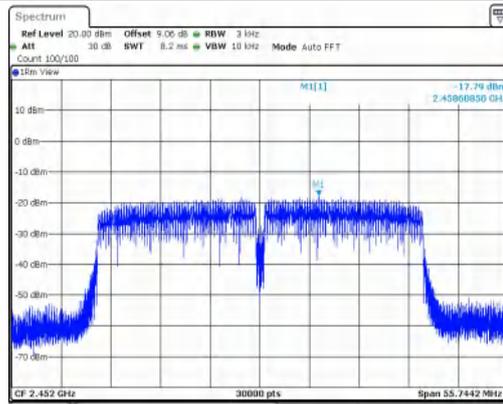
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11N40SISO-Ant1-2422-PASS



Date: 15\_APR\_2025 19:38:27



Date: 15\_APR\_2025 19:27:00

11N40SISO-Ant1-2437-PASS

11N40SISO-Ant1-2452-PASS



### Appendix E: Conducted Spurious Emission

#### Test Result

TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	6.78	6.78	---	PASS
11B	Ant1	2412	30~1000	6.78	-38.44	≤-13.22	PASS
11B	Ant1	2412	1000~26500	6.78	-27.14	≤-13.22	PASS
11B	Ant1	2437	0~Reference	6.89	6.89	---	PASS
11B	Ant1	2437	30~1000	6.89	-37.08	≤-13.11	PASS
11B	Ant1	2437	1000~26500	6.89	-26.63	≤-13.11	PASS
11B	Ant1	2462	0~Reference	7.51	7.51	---	PASS
11B	Ant1	2462	30~1000	7.51	-37.86	≤-12.49	PASS
11B	Ant1	2462	1000~26500	7.51	-26.01	≤-12.49	PASS
11G	Ant1	2412	0~Reference	1.85	1.85	---	PASS
11G	Ant1	2412	30~1000	1.85	-38.12	≤-18.15	PASS
11G	Ant1	2412	1000~26500	1.85	-27.83	≤-18.15	PASS
11G	Ant1	2437	0~Reference	1.95	1.95	---	PASS
11G	Ant1	2437	30~1000	1.95	-37.95	≤-18.05	PASS
11G	Ant1	2437	1000~26500	1.95	-26.83	≤-18.05	PASS
11G	Ant1	2462	0~Reference	2.43	2.43	---	PASS
11G	Ant1	2462	30~1000	2.43	-38.44	≤-17.57	PASS
11G	Ant1	2462	1000~26500	2.43	-26.53	≤-17.57	PASS
11N20SISO	Ant1	2412	0~Reference	1.99	1.99	---	PASS
11N20SISO	Ant1	2412	30~1000	1.99	-38.49	≤-18.01	PASS
11N20SISO	Ant1	2412	1000~26500	1.99	-27.07	≤-18.01	PASS
11N20SISO	Ant1	2437	0~Reference	2.28	2.28	---	PASS
11N20SISO	Ant1	2437	30~1000	2.28	-38.29	≤-17.72	PASS
11N20SISO	Ant1	2437	1000~26500	2.28	-25.67	≤-17.72	PASS
11N20SISO	Ant1	2462	0~Reference	2.58	2.58	---	PASS
11N20SISO	Ant1	2462	30~1000	2.58	-36.85	≤-17.42	PASS
11N20SISO	Ant1	2462	1000~26500	2.58	-26.15	≤-17.42	PASS
11N40SISO	Ant1	2422	0~Reference	-1.45	-1.45	---	PASS
11N40SISO	Ant1	2422	30~1000	-1.45	-37.85	≤-21.45	PASS
11N40SISO	Ant1	2422	1000~26500	-1.45	-27.6	≤-21.45	PASS
11N40SISO	Ant1	2437	0~Reference	-0.72	-0.72	---	PASS
11N40SISO	Ant1	2437	30~1000	-0.72	-38.42	≤-20.72	PASS
11N40SISO	Ant1	2437	1000~26500	-0.72	-27.19	≤-20.72	PASS
11N40SISO	Ant1	2452	0~Reference	-0.47	-0.47	---	PASS
11N40SISO	Ant1	2452	30~1000	-0.47	-37.78	≤-20.47	PASS



# CVC Testing Technology (Shenzhen) Co., Ltd.

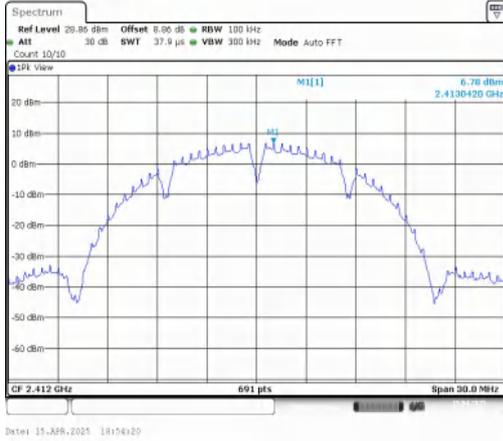
Test Report No.: FCCSZ2025-0034-RF-A1

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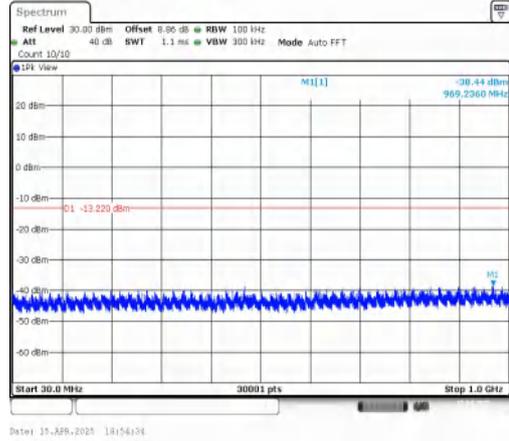
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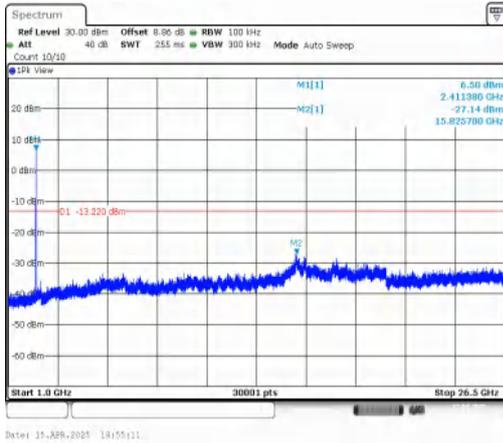
Test Graphs



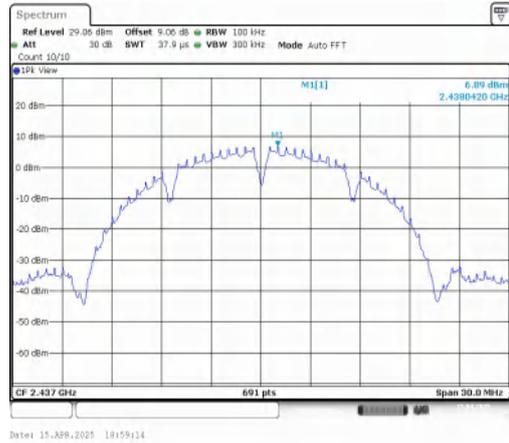
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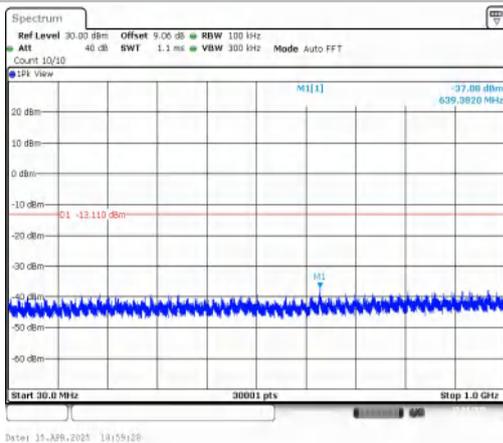
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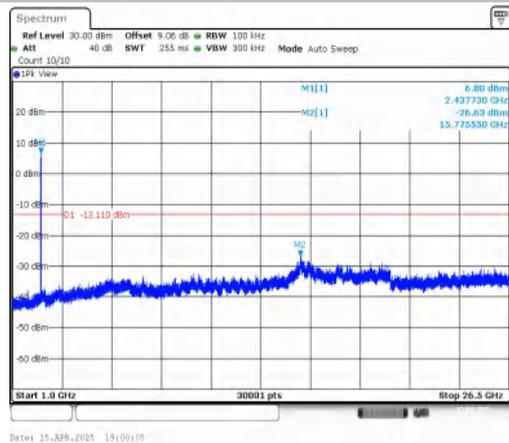
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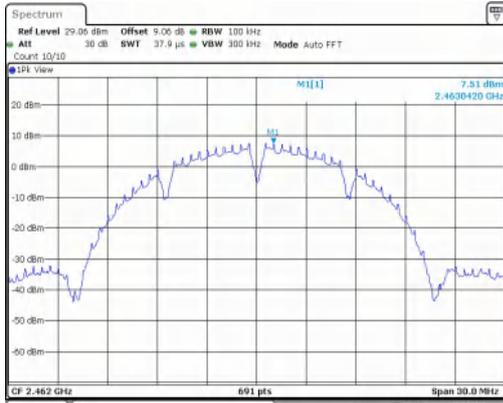
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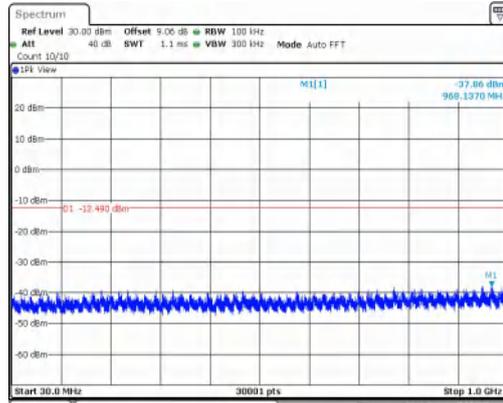
11B-Ant1-2437-30~1000-PASS



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



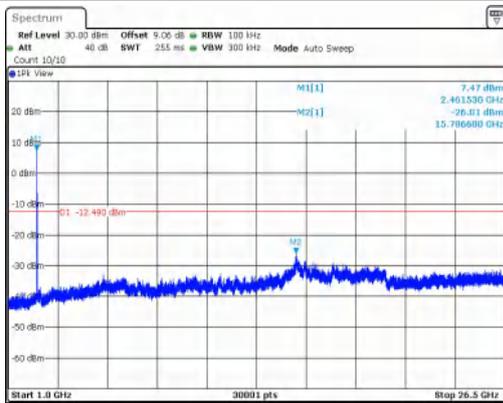
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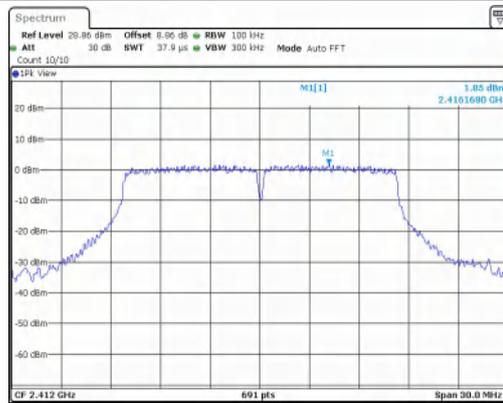
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11B-Ant1-2462-0~Reference-PASS

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



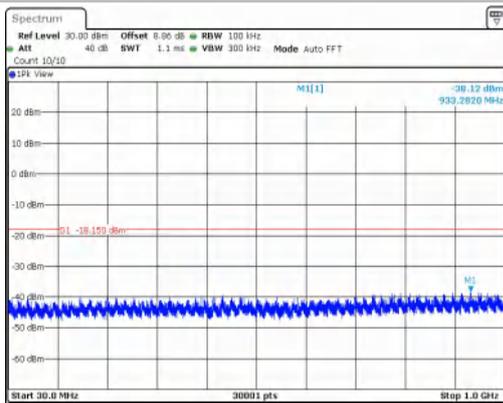
Date: 15-Apr-2025 19:02:07



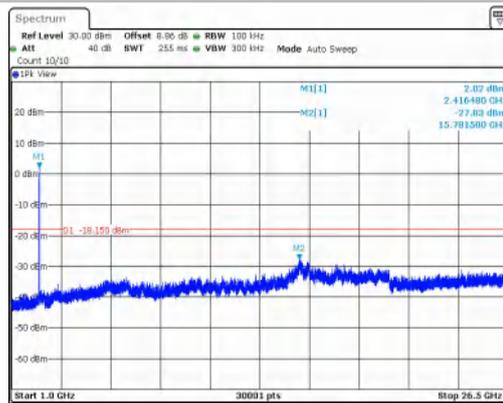
Date: 15-Apr-2025 19:09:24

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

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



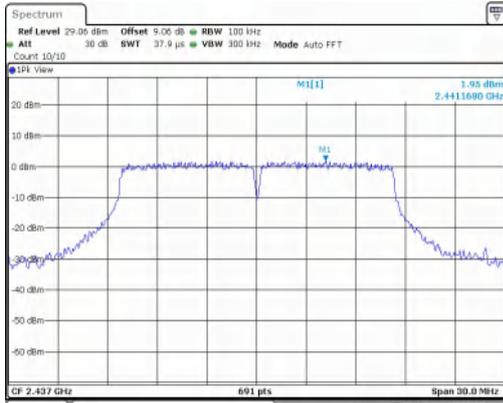
Date: 15-Apr-2025 19:09:16



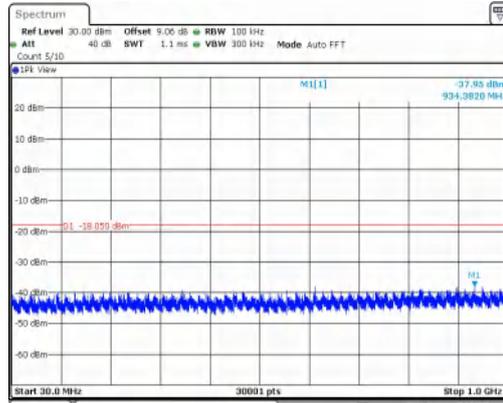
Date: 15-Apr-2025 19:09:21

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

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



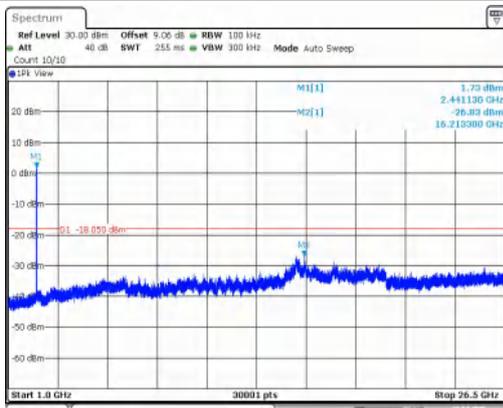
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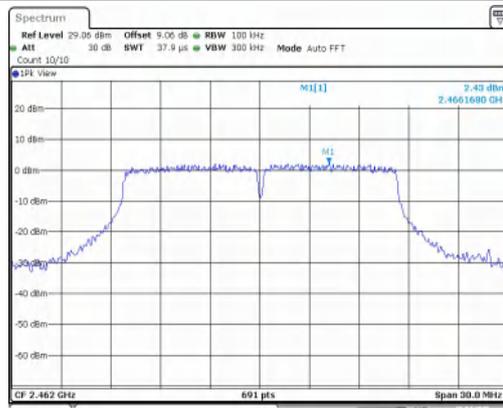
Date: 15-Apr-2025 19:11:03

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

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



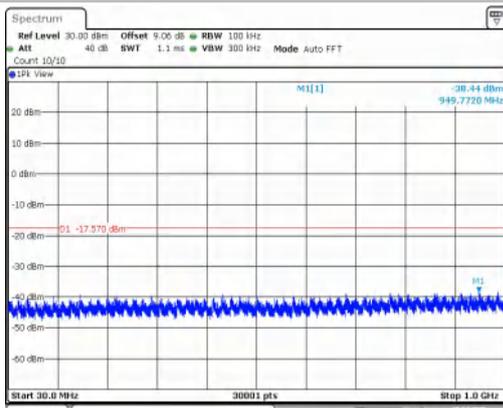
Date: 15-Apr-2025 19:12:00



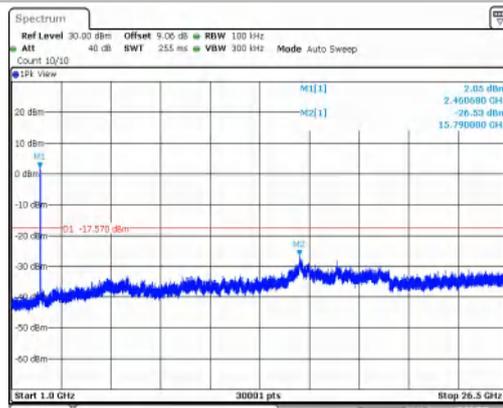
Date: 15-Apr-2025 19:15:42

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

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



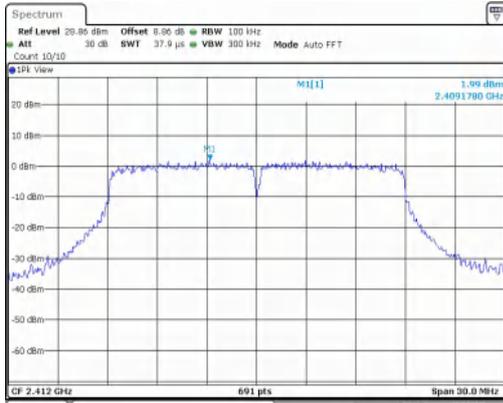
Date: 15-Apr-2025 19:15:06



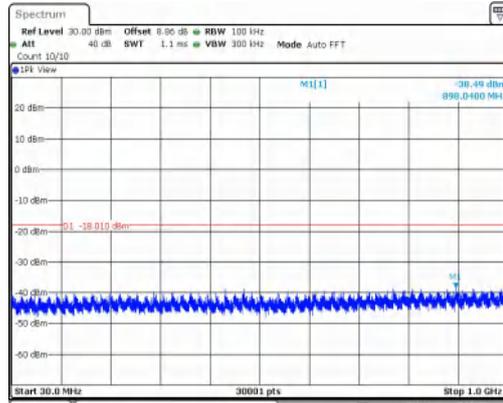
Date: 15-Apr-2025 19:16:33

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

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



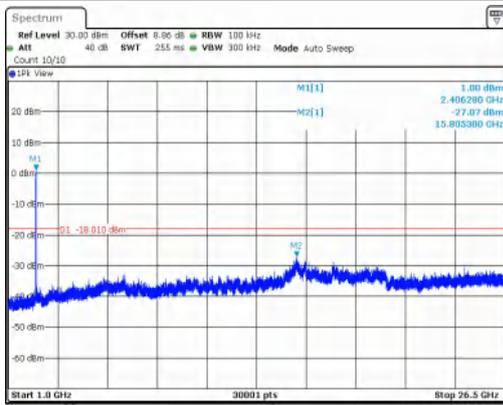
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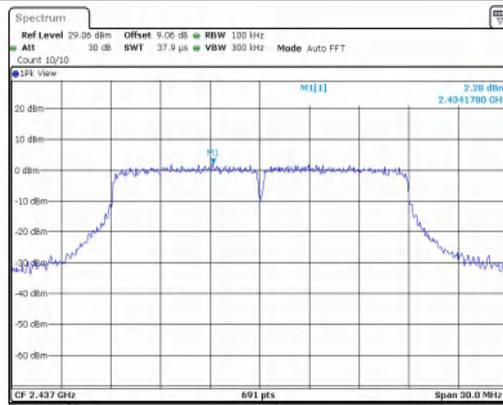
Date: 15-Apr-2025 19:20:45

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

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



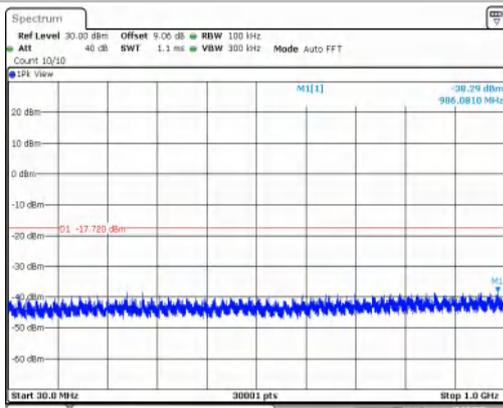
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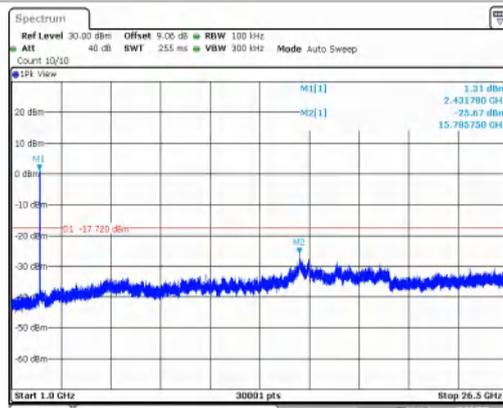
Date: 15-Apr-2025 19:20:29

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

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



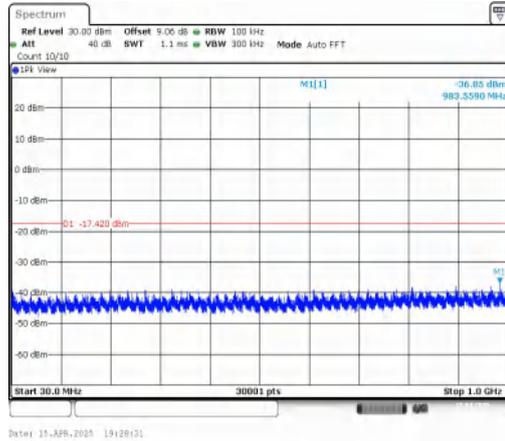
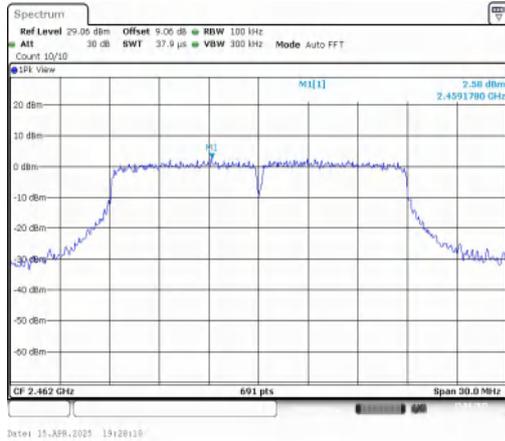
Date: 15-Apr-2025 19:25:42



Date: 15-Apr-2025 19:26:19

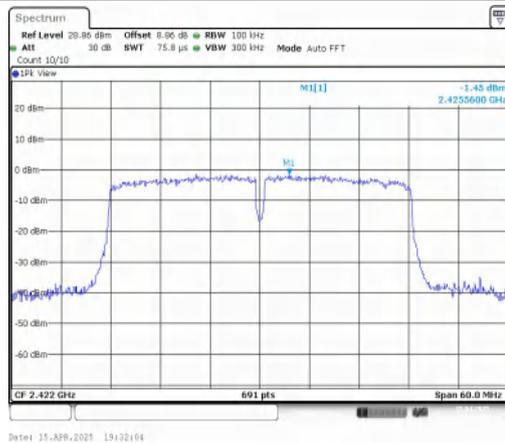
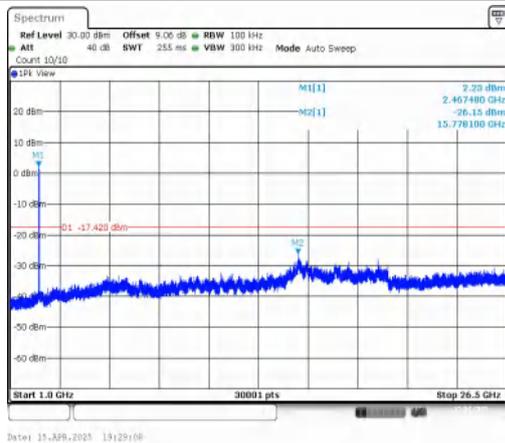
11N20SISO-Ant1-2437-30~1000-PASS

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



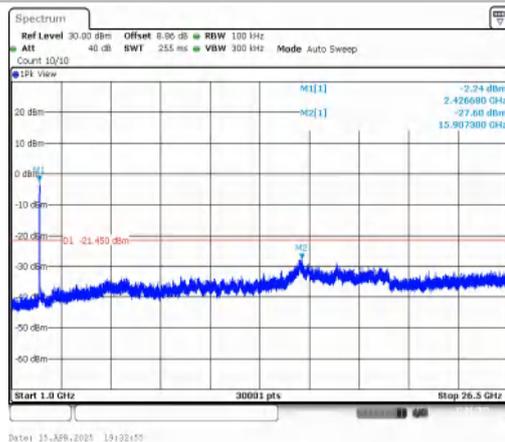
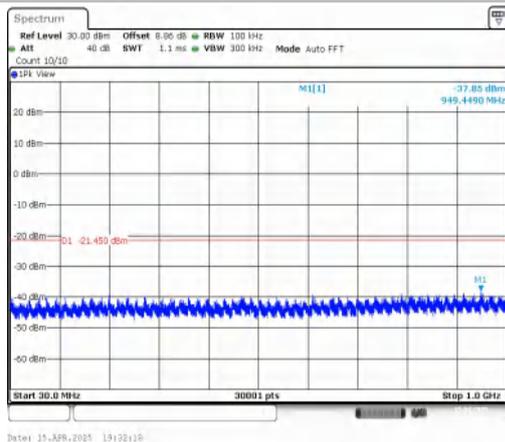
11N20SISO-Ant1-2462-0~Reference-PASS

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



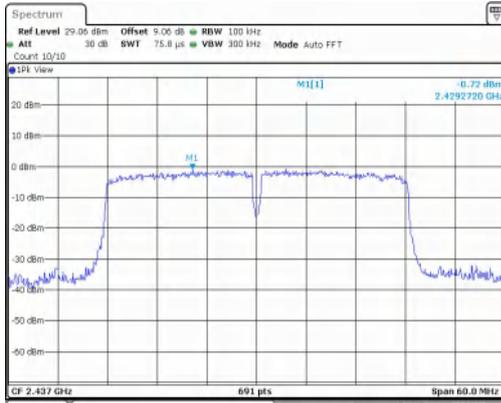
11N20SISO-Ant1-2462-1000~26500-PASS

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

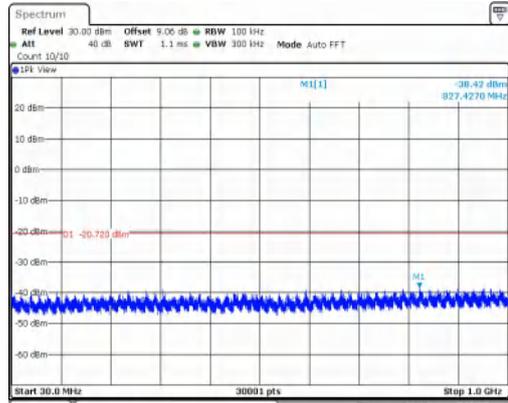


11N40SISO-Ant1-2422-30~1000-PASS

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



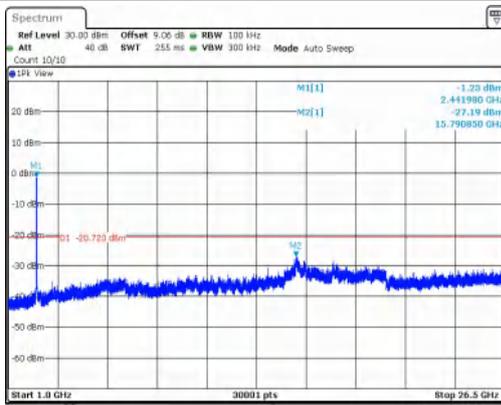
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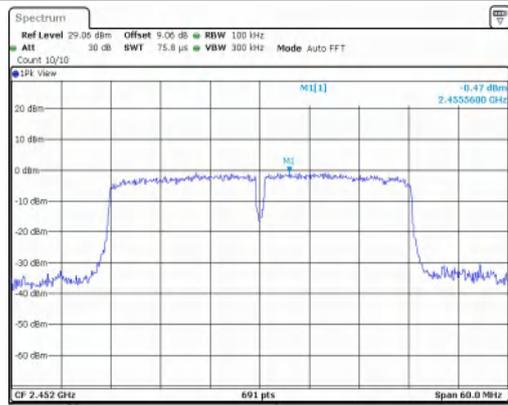
Date: 15-Apr-2025 19:26:16

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

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



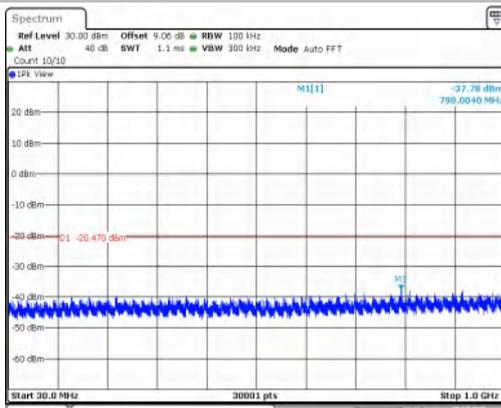
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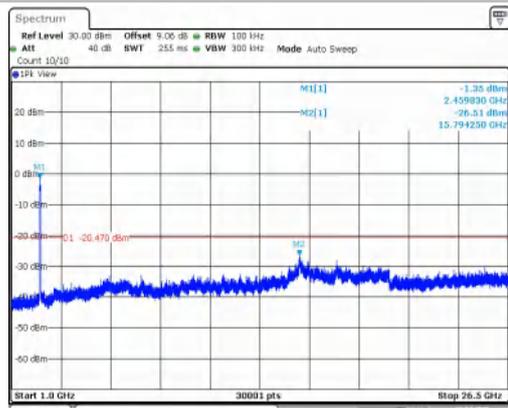
Date: 15-Apr-2025 19:27:10

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

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



Date: 15-Apr-2025 19:37:02



Date: 15-Apr-2025 19:28:09

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

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



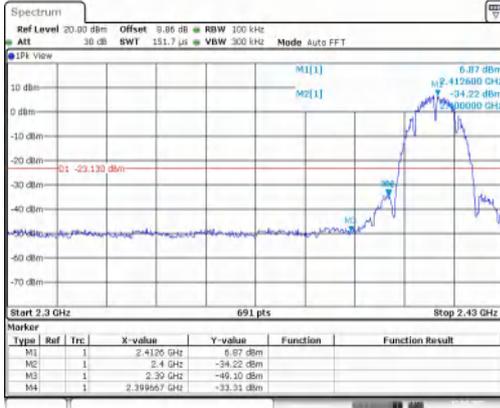
## Appendix F: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.87	-33.31	≤-23.13	PASS
11B	Ant1	High	2462	7.52	-45.75	≤-22.48	PASS
11G	Ant1	Low	2412	1.85	-30.6	≤-28.15	PASS
11G	Ant1	High	2462	2.44	-39.22	≤-27.56	PASS
11N20SISO	Ant1	Low	2412	1.98	-30.34	≤-28.02	PASS
11N20SISO	Ant1	High	2462	2.72	-36.66	≤-27.28	PASS
11N40SISO	Ant1	Low	2422	-1.59	-37.93	≤-31.59	PASS
11N40SISO	Ant1	High	2452	-0.74	-35.44	≤-30.74	PASS

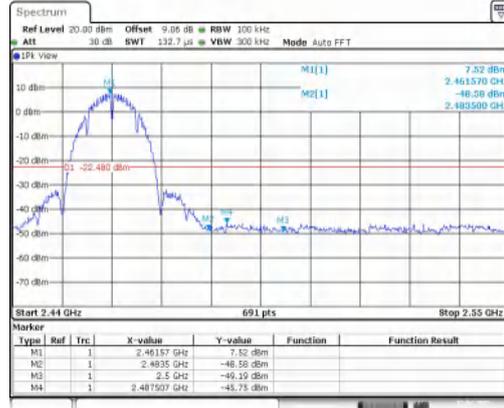


## Test Graphs



Date: 15-APR-2025 19:56:10

11B-Ant1-2412-PASS



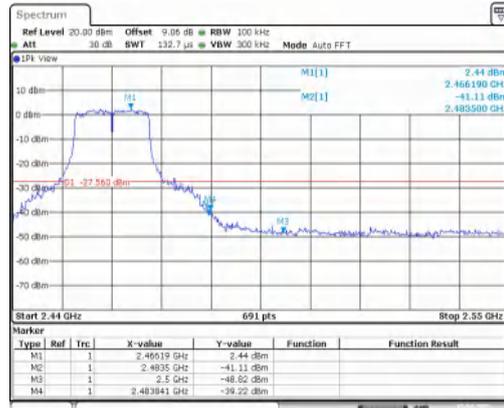
Date: 15-APR-2025 19:02:06

11B-Ant1-2462-PASS



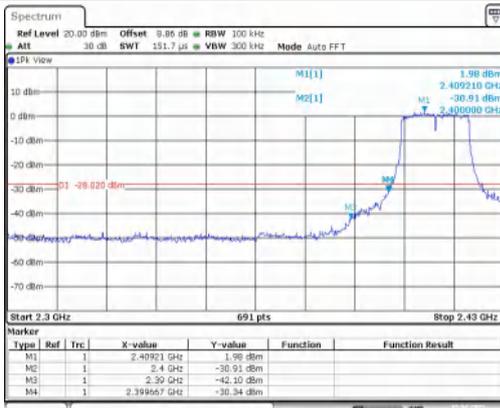
Date: 15-APR-2025 19:08:16

11G-Ant1-2412-PASS



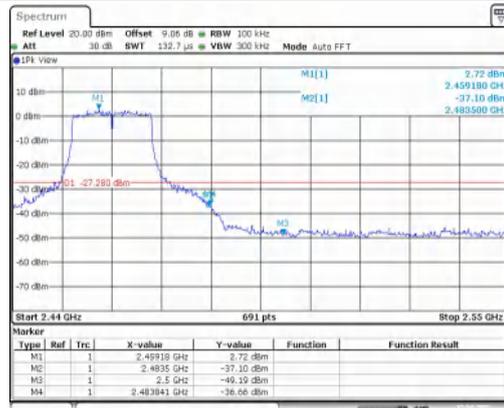
Date: 15-APR-2025 19:15:33

11G-Ant1-2462-PASS



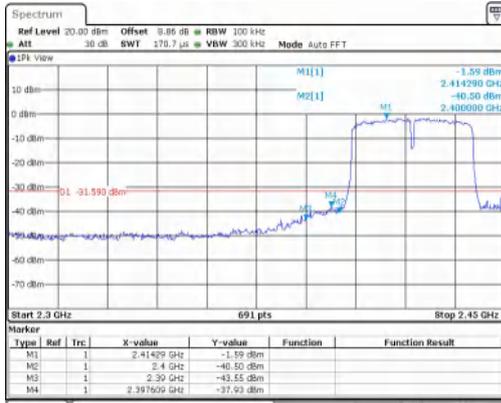
Date: 15-APR-2025 19:20:23

11N20SISO-Ant1-2412-PASS

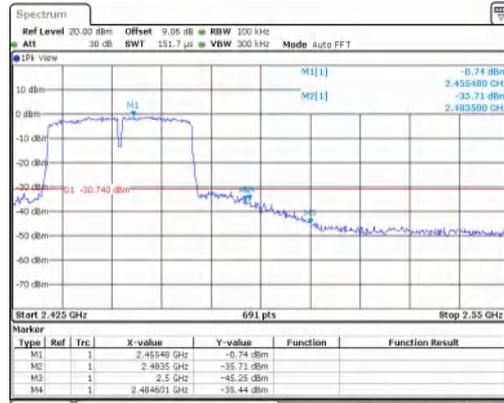


Date: 15-APR-2025 19:28:09

11N20SISO-Ant1-2462-PASS



Date: 15-Apr-2025 19:01:06



Date: 15-Apr-2025 19:07:10

11N40SISO-Ant1-2422-PASS

11N40SISO-Ant1-2452-PASS



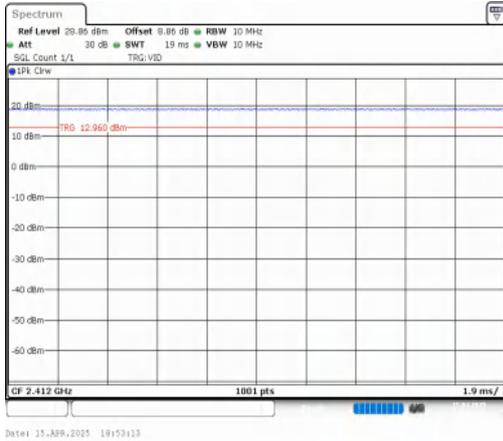
## Appendix G: Duty Cycle

### Test Result

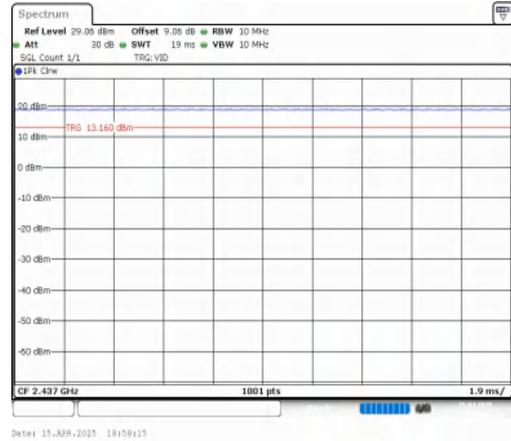
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle[%]	DC Factor [dB]
11B	Ant1	2412	19.00	19.00	100.00	0.00
11B	Ant1	2437	19.00	19.00	100.00	0.00
11B	Ant1	2462	19.00	19.00	100.00	0.00
11G	Ant1	2412	19.00	19.00	100.00	0.00
11G	Ant1	2437	19.00	19.00	100.00	0.00
11G	Ant1	2462	19.00	19.00	100.00	0.00
11N20SISO	Ant1	2412	19.00	19.00	100.00	0.00
11N20SISO	Ant1	2437	19.00	19.00	100.00	0.00
11N20SISO	Ant1	2462	19.00	19.00	100.00	0.00
11N40SISO	Ant1	2422	19.00	19.00	100.00	0.00
11N40SISO	Ant1	2437	19.00	19.00	100.00	0.00
11N40SISO	Ant1	2452	19.00	19.00	100.00	0.00



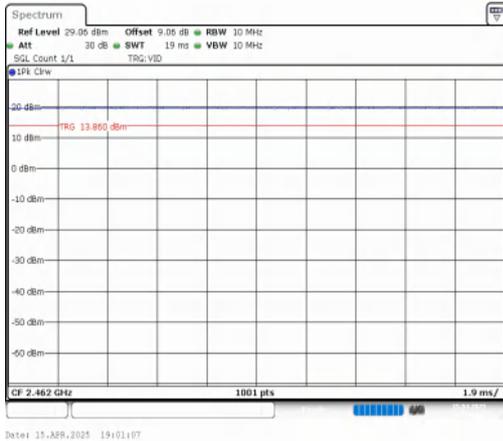
Test Graphs



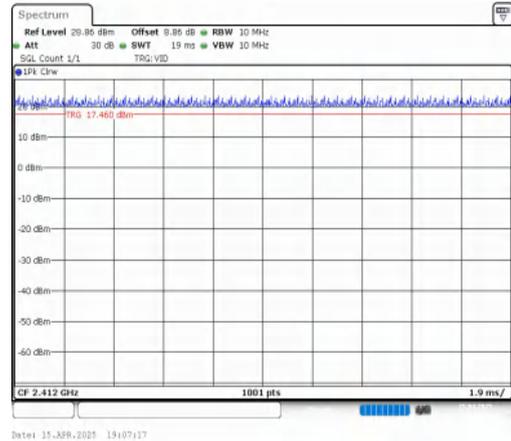
NTNV-11B-Ant1-2412



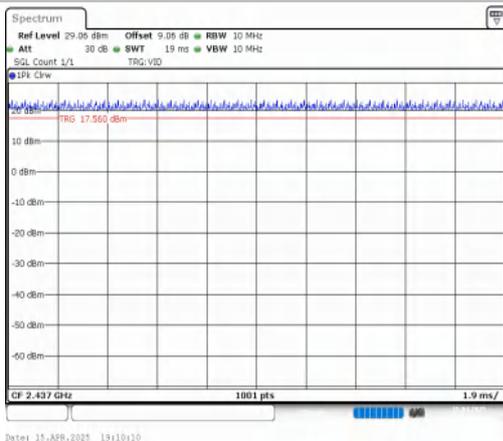
NTNV-11B-Ant1-2437



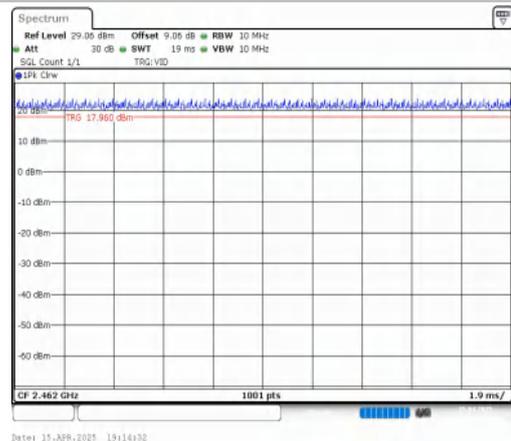
NTNV-11B-Ant1-2462



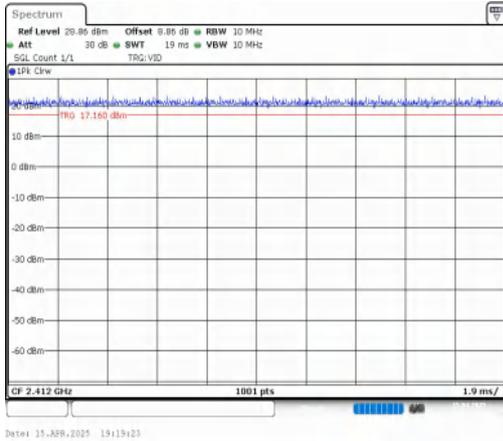
NTNV-11G-Ant1-2412



NTNV-11G-Ant1-2437

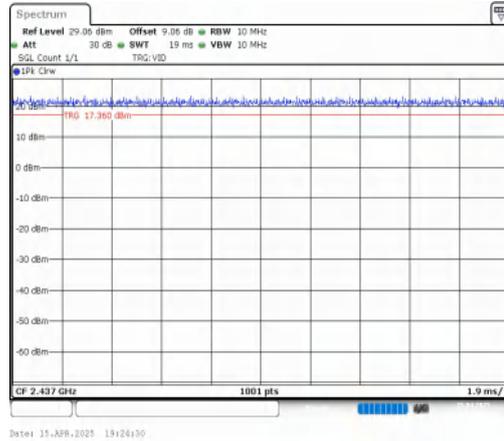


NTNV-11G-Ant1-2462



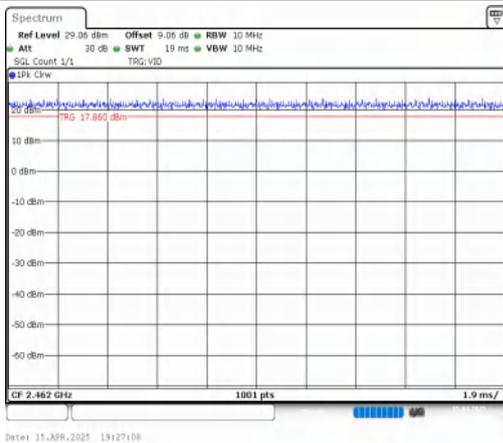
Date: 15.APR.2025 19:19:23

NTNV-11N20SISO-Ant1-2412



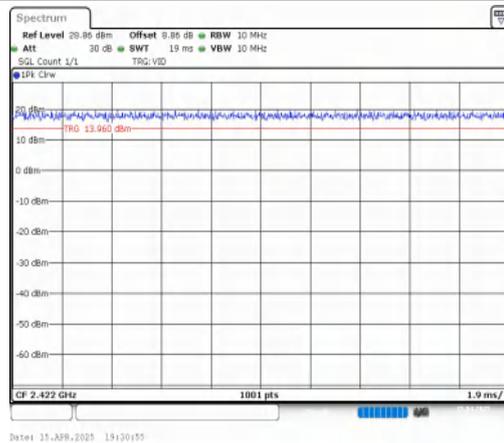
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NTNV-11N20SISO-Ant1-2437



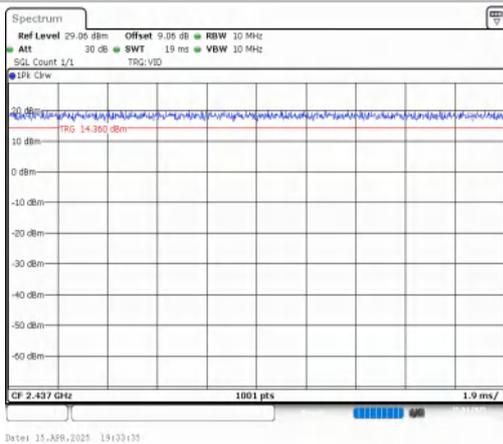
Date: 15.APR.2025 19:27:06

NTNV-11N20SISO-Ant1-2462



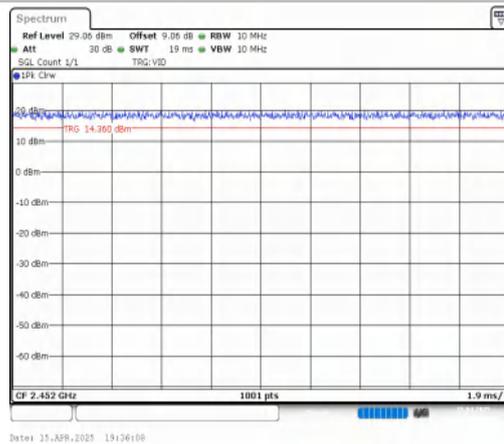
Date: 15.APR.2025 19:20:55

NTNV-11N40SISO-Ant1-2422



Date: 15.APR.2025 19:33:05

NTNV-11N40SISO-Ant1-2437



Date: 15.APR.2025 19:26:06

NTNV-11N40SISO-Ant1-2452

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