

Appendix: 2.4G Wi-Fi

Contents

Contents 2

Duty Cycle 3

Maximum Peak Conducted Output Power 22

-6dB Bandwidth 24

Occupied Channel Bandwidth 43

Maximum Power Spectral Density Level 62

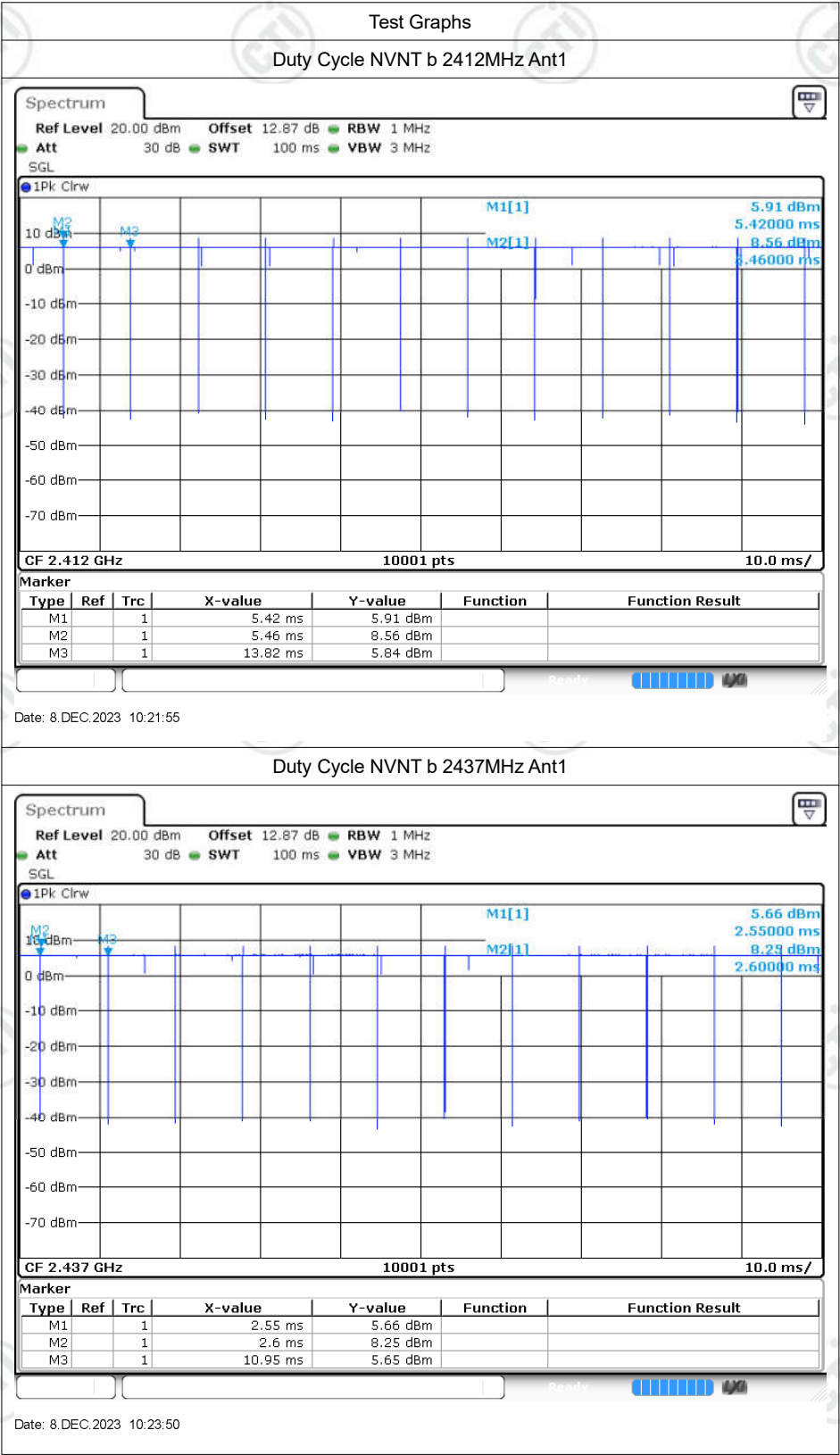
Band Edge 94

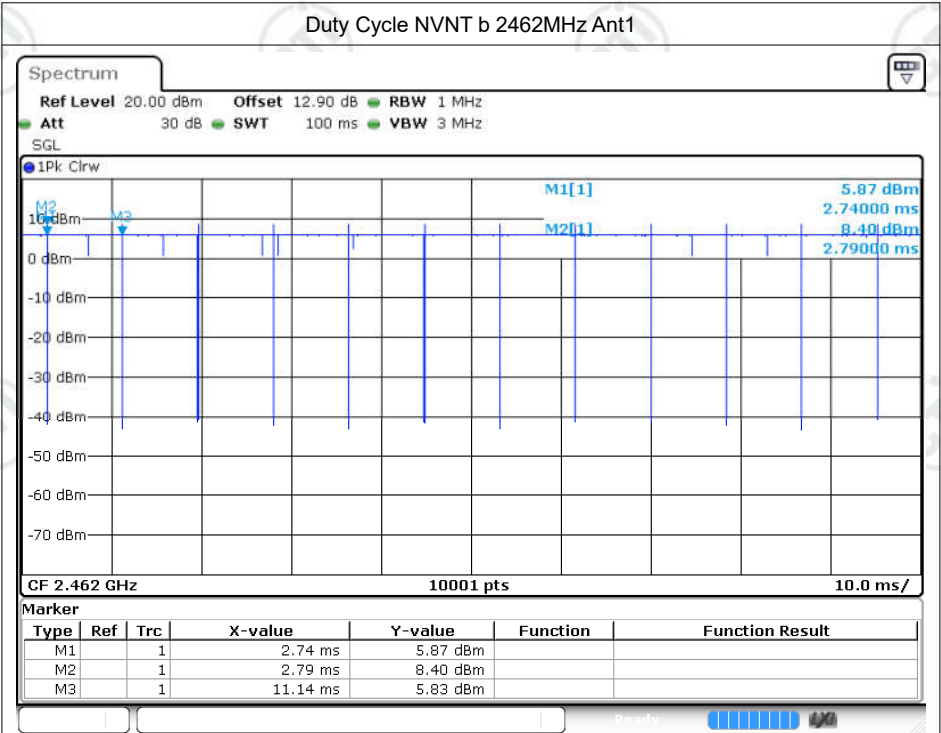
Conducted RF Spurious Emission 119

Duty Cycle

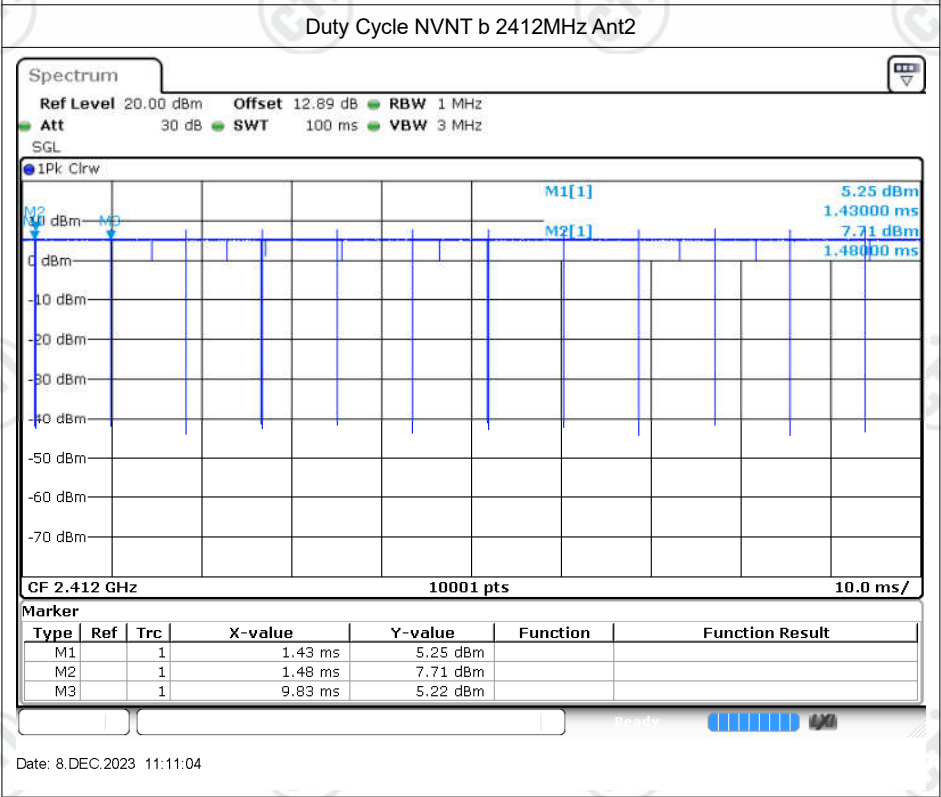
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.52	0	0.12
NVNT	b	2437	Ant1	99.4	0	0.12
NVNT	b	2462	Ant1	99.4	0	0.12
NVNT	b	2412	Ant2	99.4	0	0.12
NVNT	b	2437	Ant2	99.4	0	0.12
NVNT	b	2462	Ant2	99.52	0	0.12
NVNT	g	2412	Ant1	98.12	0	0.48
NVNT	g	2437	Ant1	97.65	0.1	0.48
NVNT	g	2462	Ant1	97.66	0.1	0.48
NVNT	g	2412	Ant2	97.84	0.09	0.48
NVNT	g	2437	Ant2	97.75	0.1	0.48
NVNT	g	2462	Ant2	97.8	0.1	0.48
NVNT	n20	2412	Ant1	98.76	0	0.25
NVNT	n20	2437	Ant1	98.76	0	0.25
NVNT	n20	2462	Ant1	98.76	0	0.25
NVNT	n20	2412	Ant2	98.88	0	0.25
NVNT	n20	2437	Ant2	98.76	0	0.25
NVNT	n20	2462	Ant2	98.76	0	0.25
NVNT	n40	2422	Ant1	99	0	0.25
NVNT	n40	2437	Ant1	98.8	0	0.25
NVNT	n40	2452	Ant1	98.81	0	0.25
NVNT	n40	2422	Ant2	98.8	0	0.25
NVNT	n40	2437	Ant2	98.81	0	0.25
NVNT	n40	2452	Ant2	98.81	0	0.25
NVNT	ax20	2412	Ant1	98.8	0	0.25
NVNT	ax20	2437	Ant1	98.8	0	0.25
NVNT	ax20	2462	Ant1	98.8	0	0.25
NVNT	ax20	2412	Ant2	98.8	0	0.25
NVNT	ax20	2437	Ant2	98.8	0	0.25
NVNT	ax20	2462	Ant2	98.8	0	0.25
NVNT	ax40	2422	Ant1	98.8	0	0.25
NVNT	ax40	2437	Ant1	98.8	0	0.25
NVNT	ax40	2452	Ant1	98.8	0	0.25
NVNT	ax40	2422	Ant2	98.6	0	0.25
NVNT	ax40	2437	Ant2	98.6	0	0.25
NVNT	ax40	2452	Ant2	98.8	0	0.25

Note: Duty Cycle factor (dB)=10 log (1 / Duty Cycle);

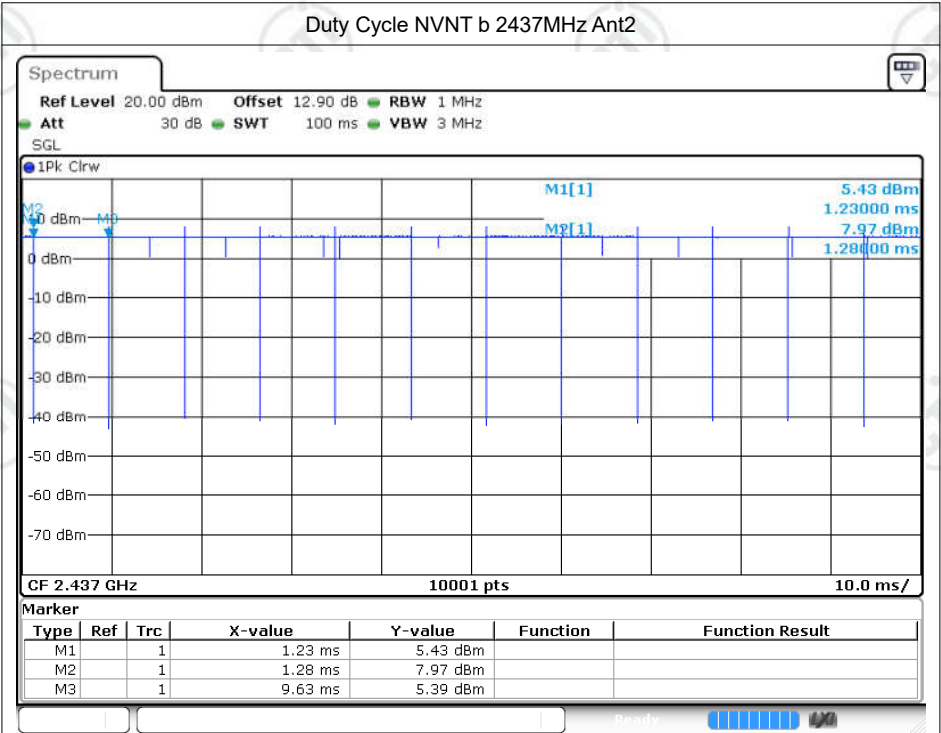




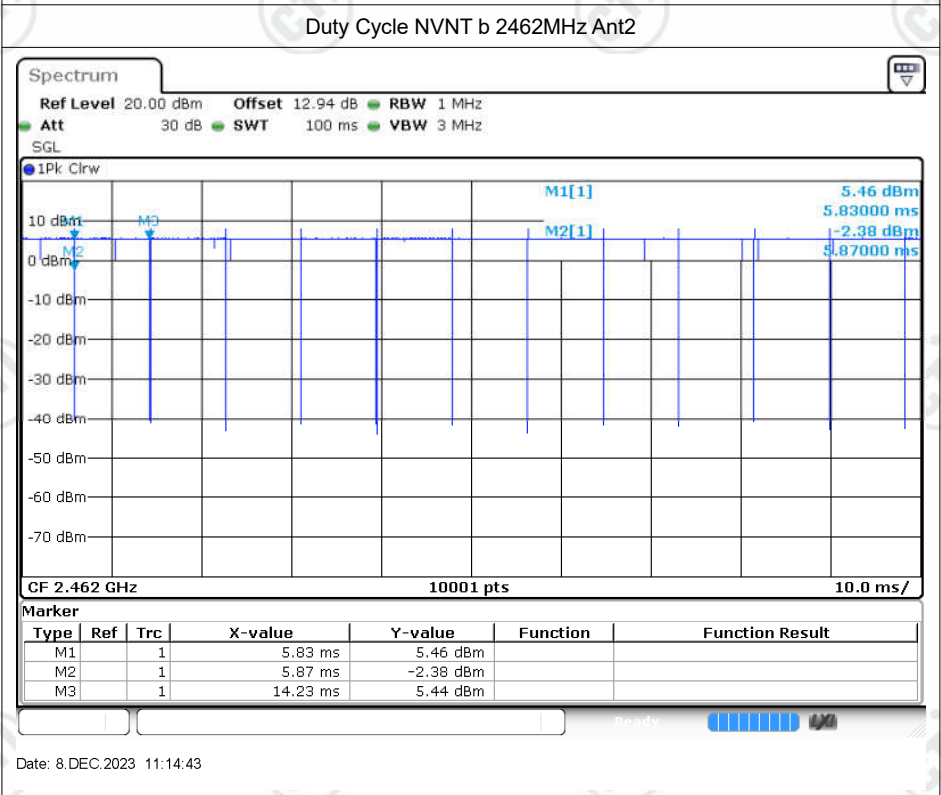
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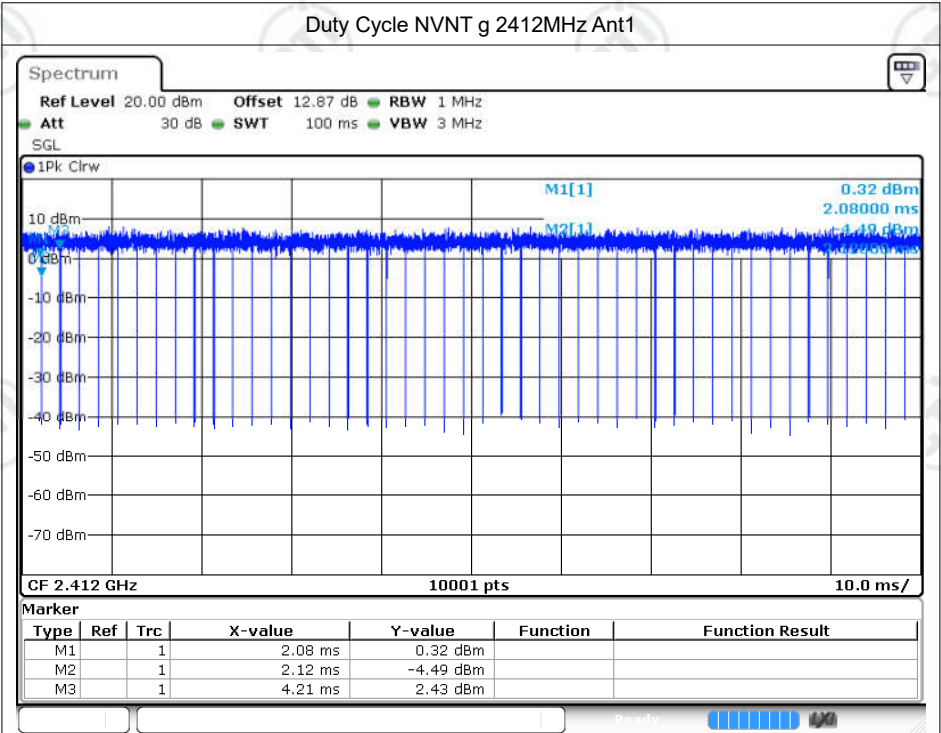
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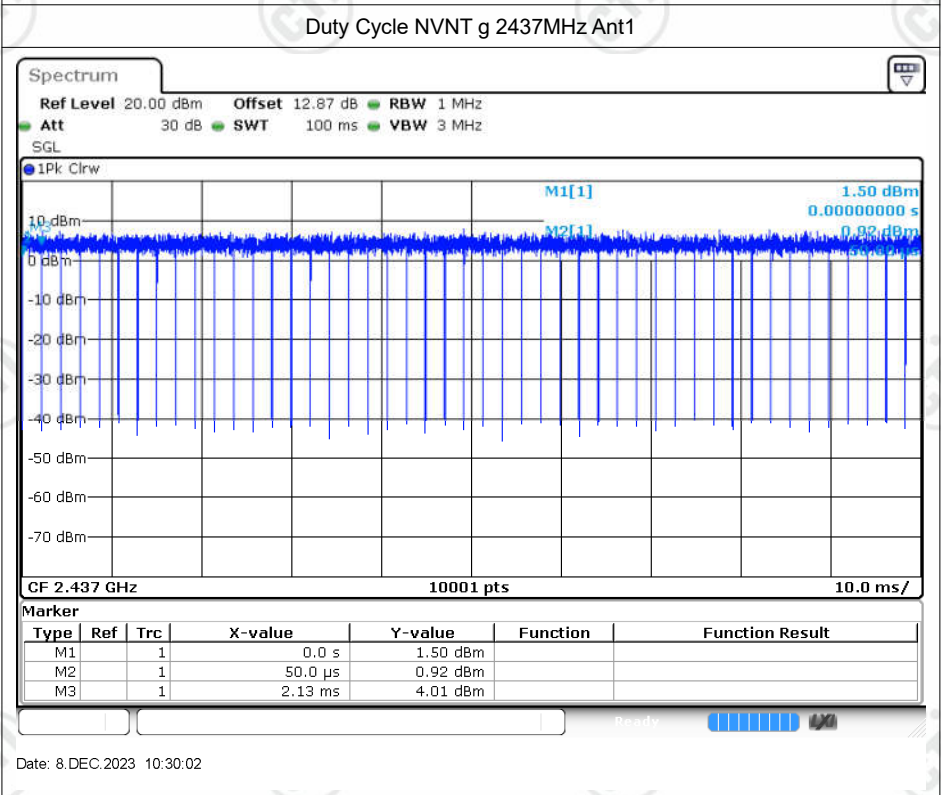
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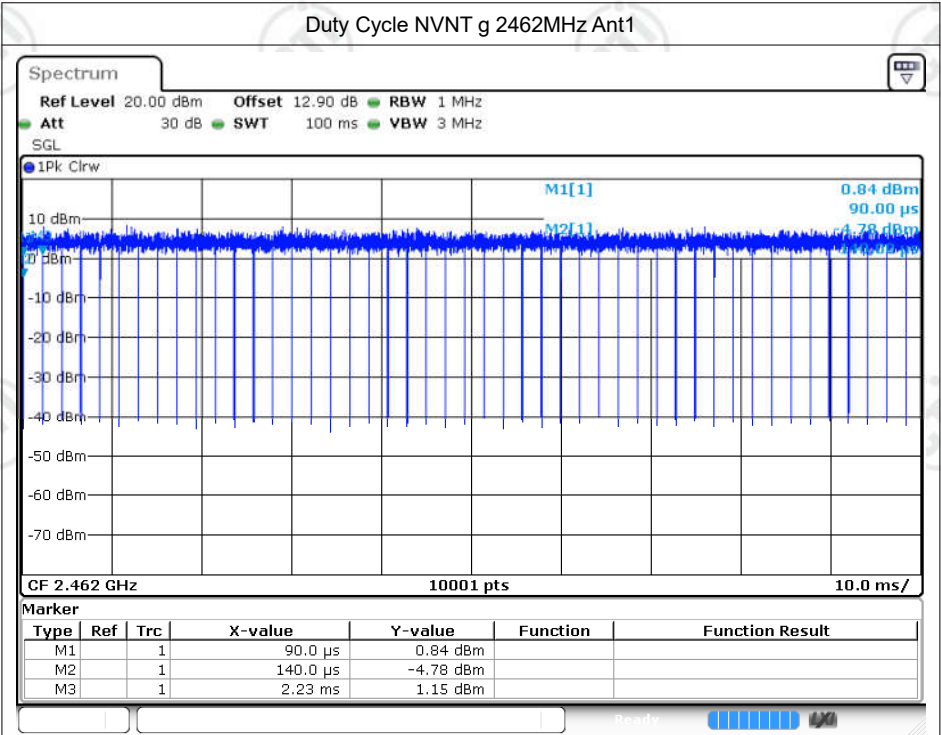
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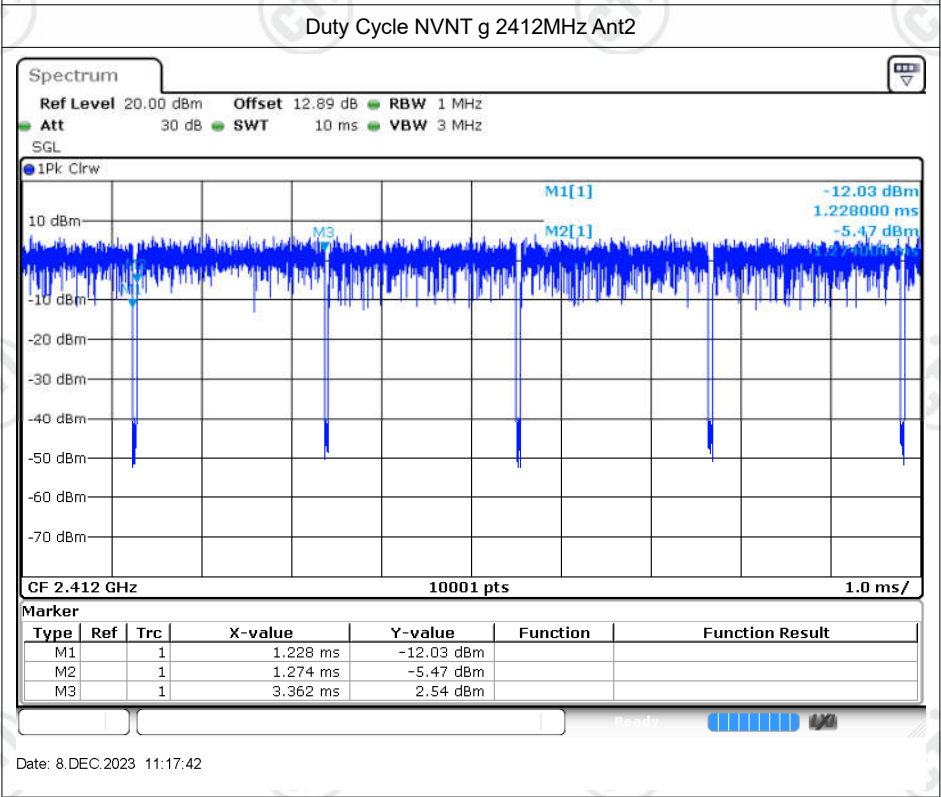
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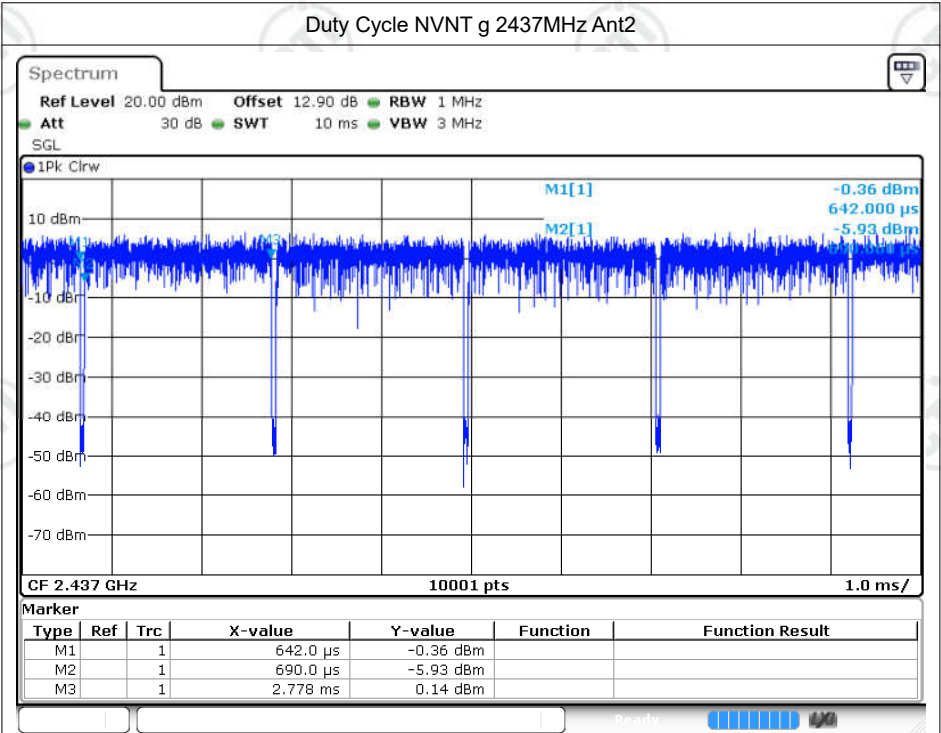
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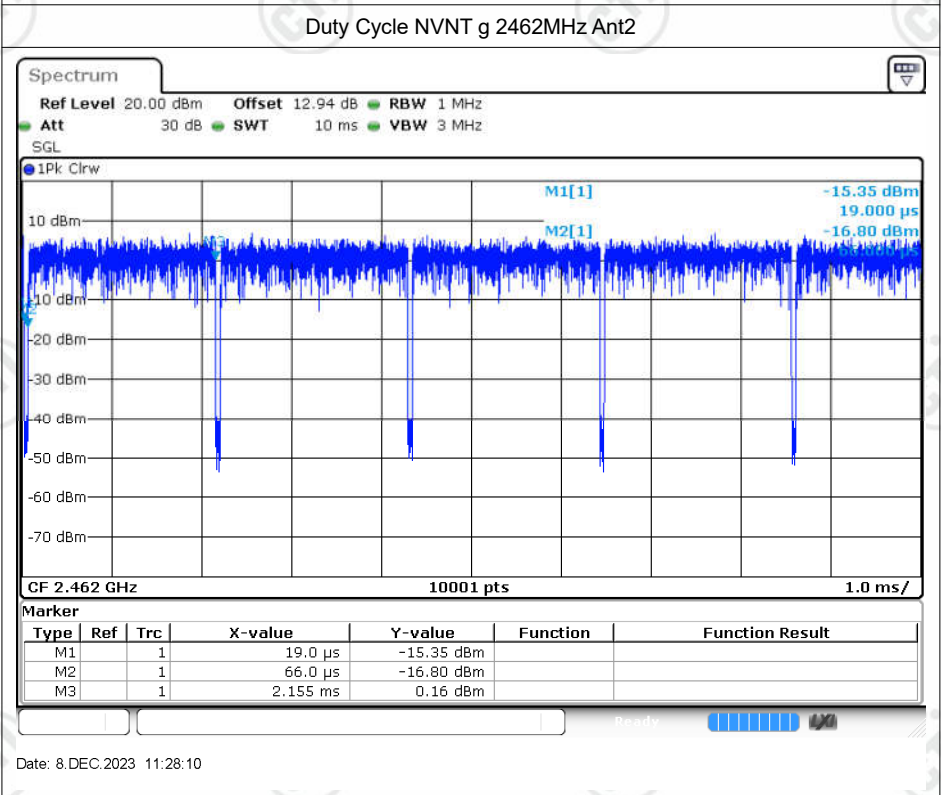
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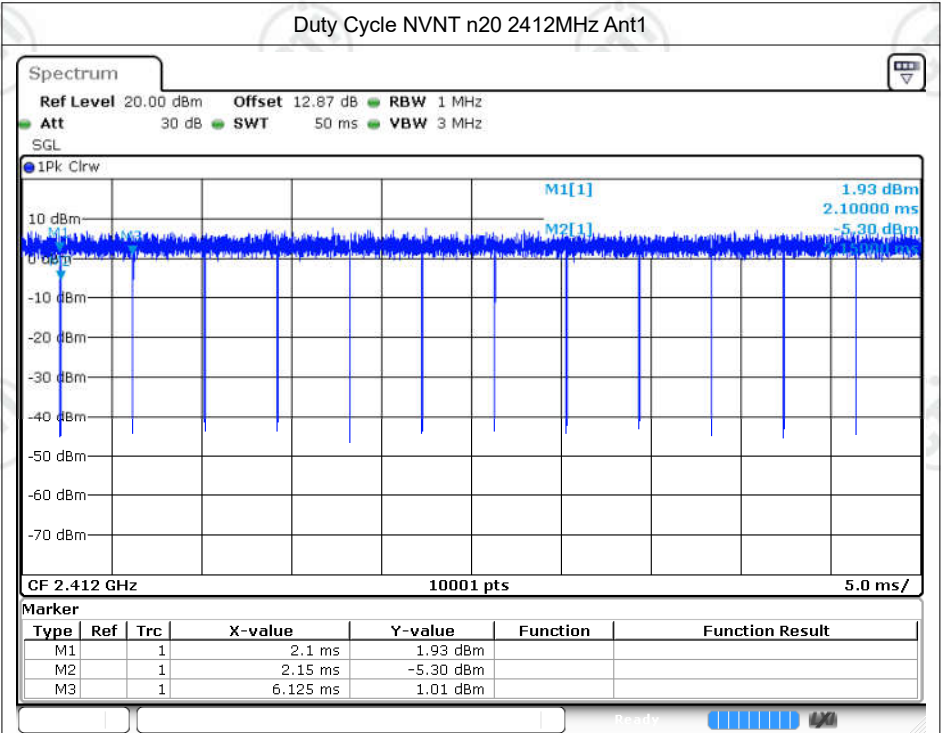
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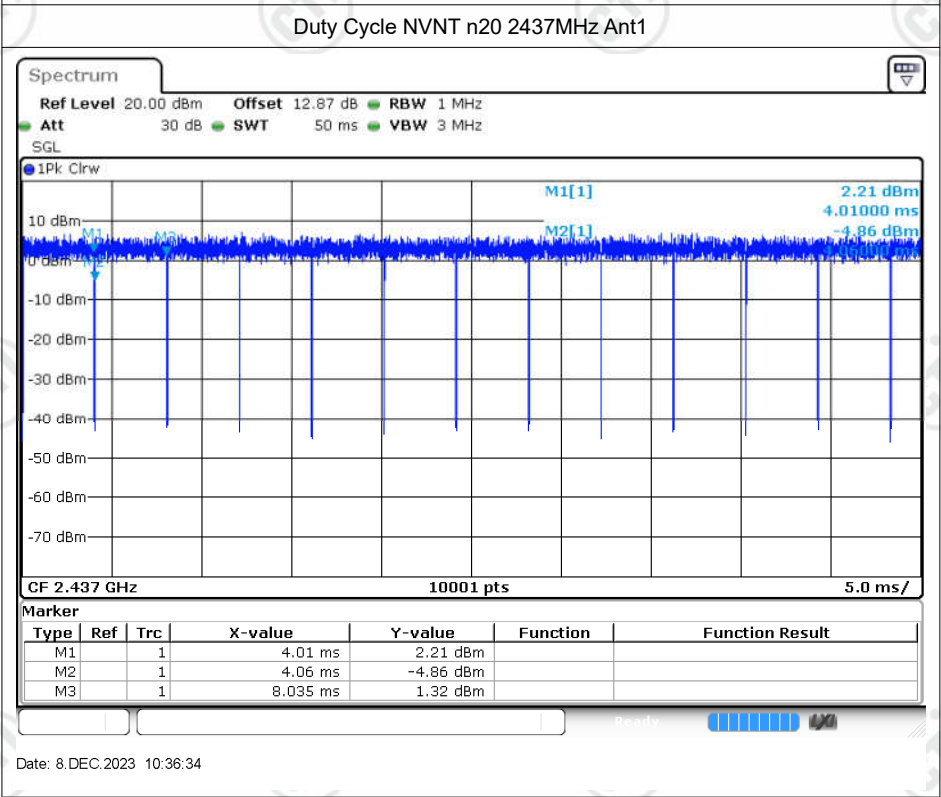
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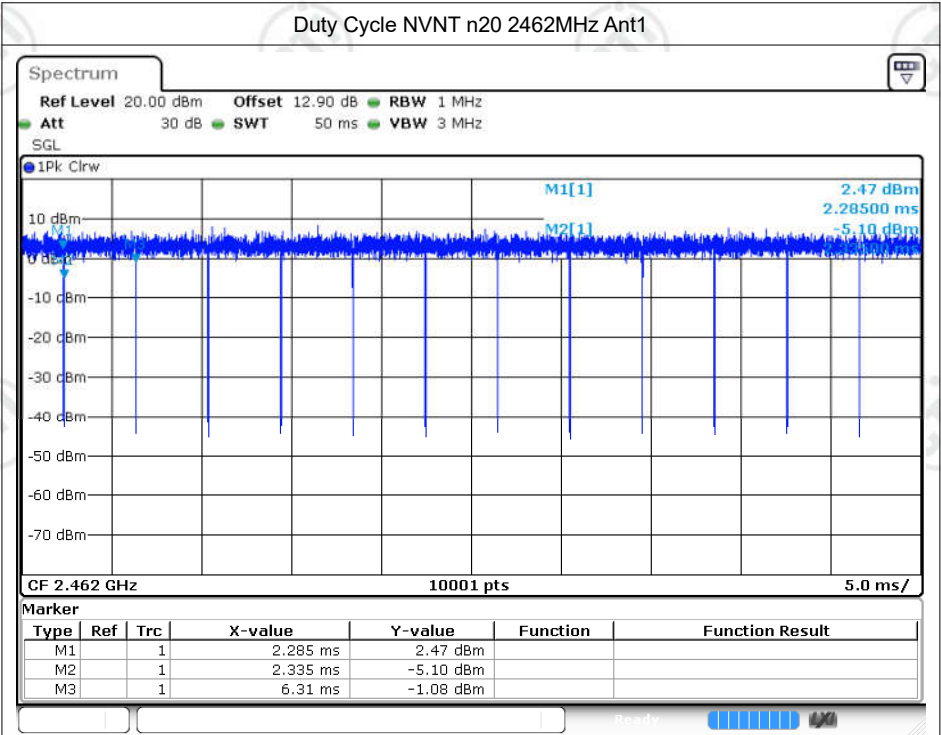
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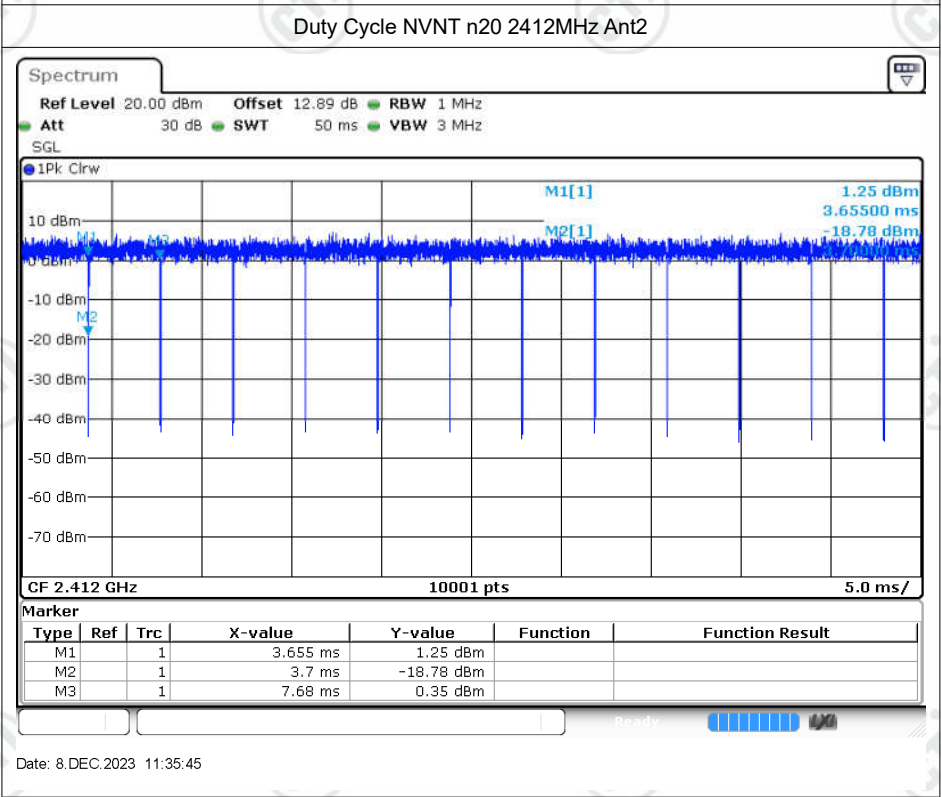
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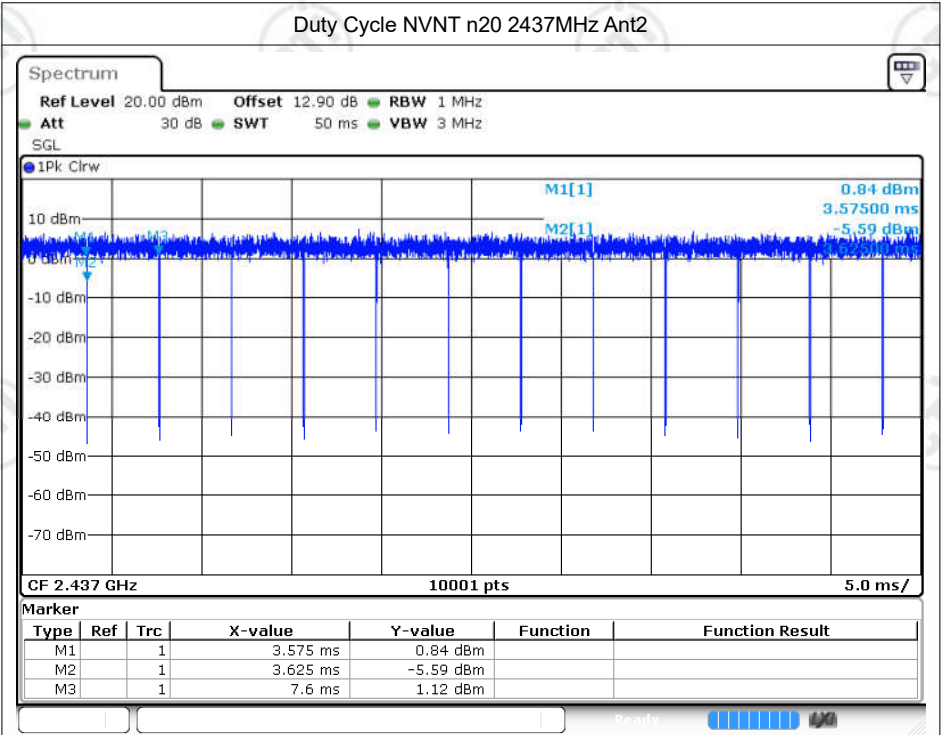
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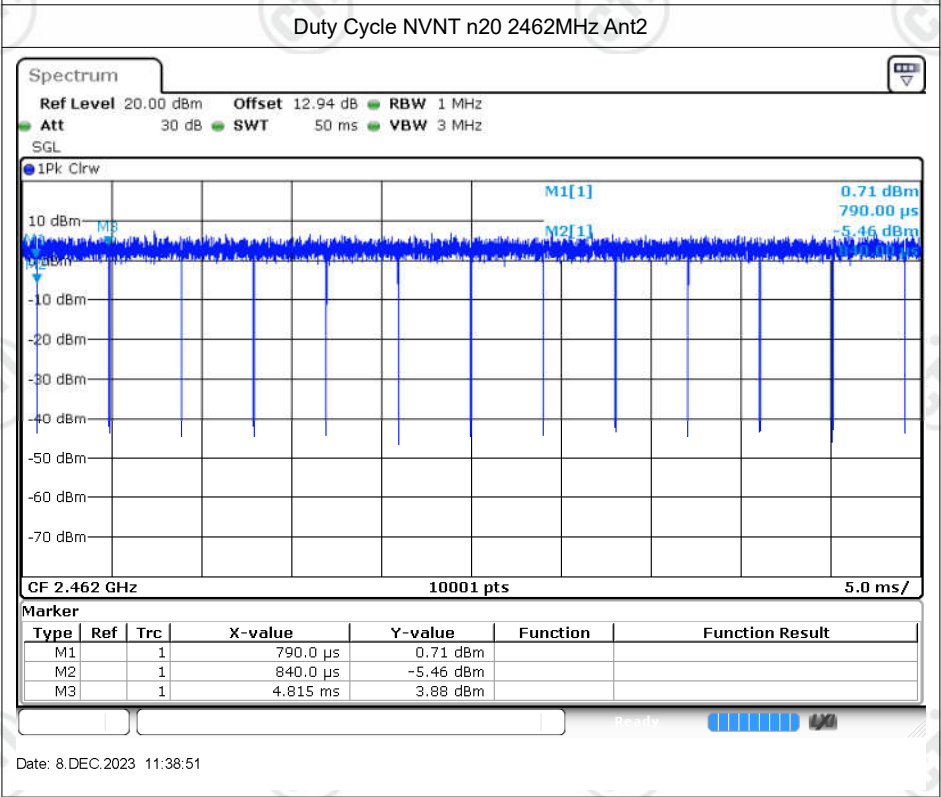
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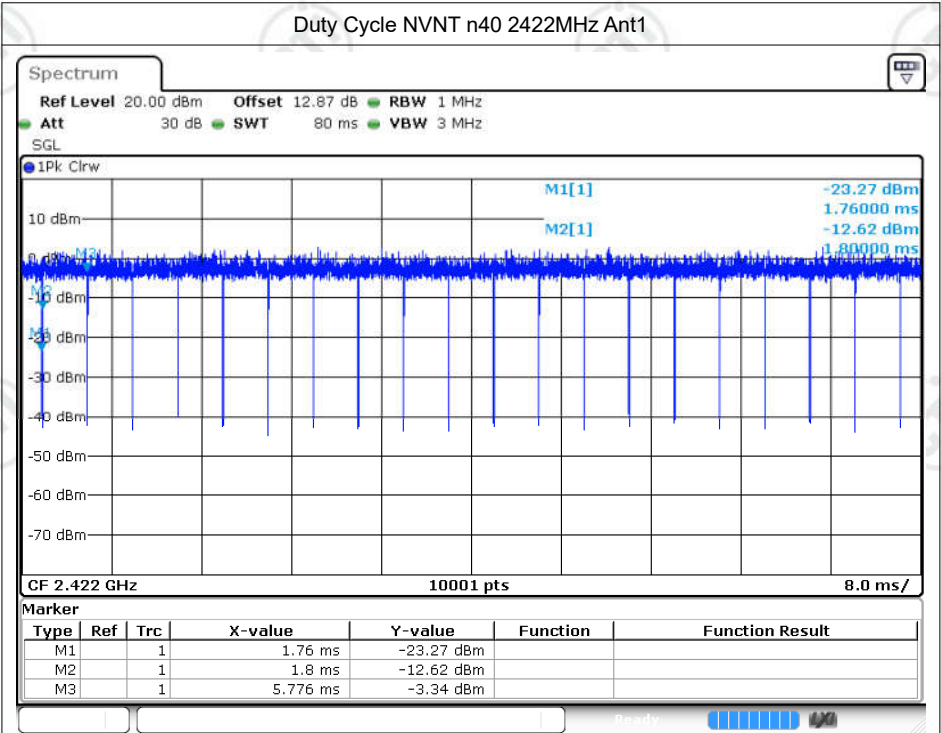
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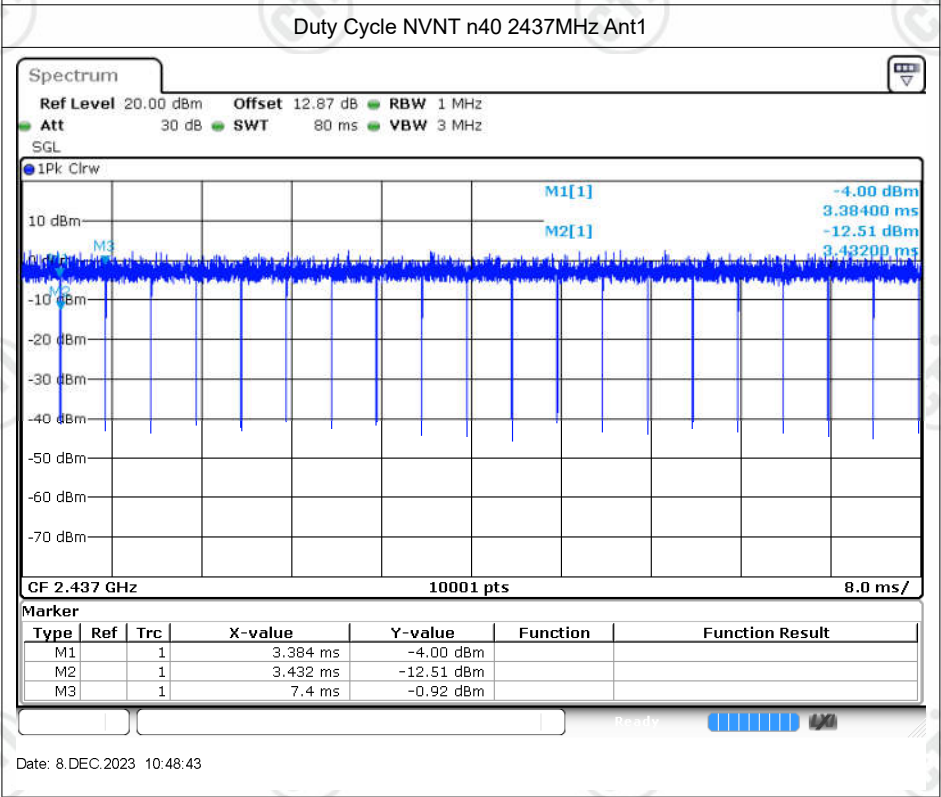
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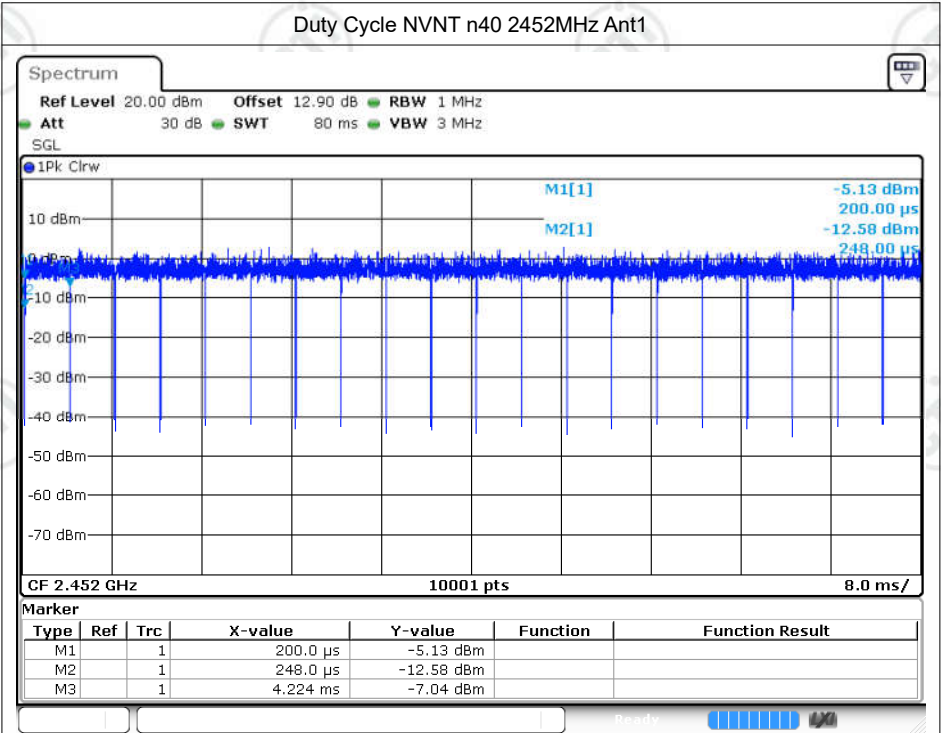
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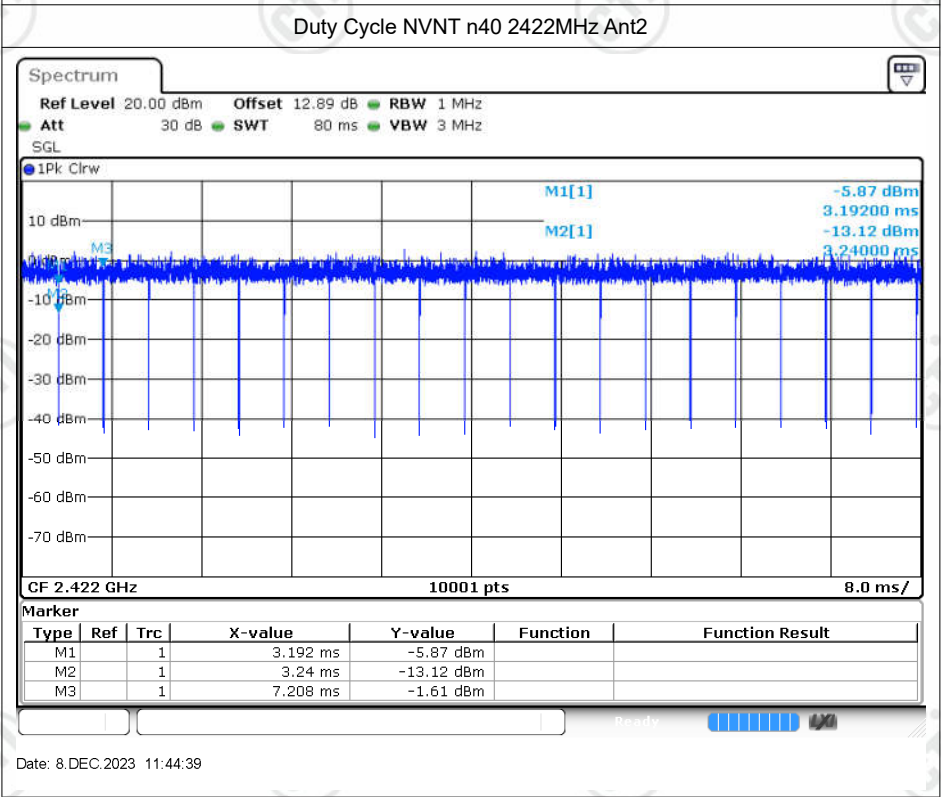
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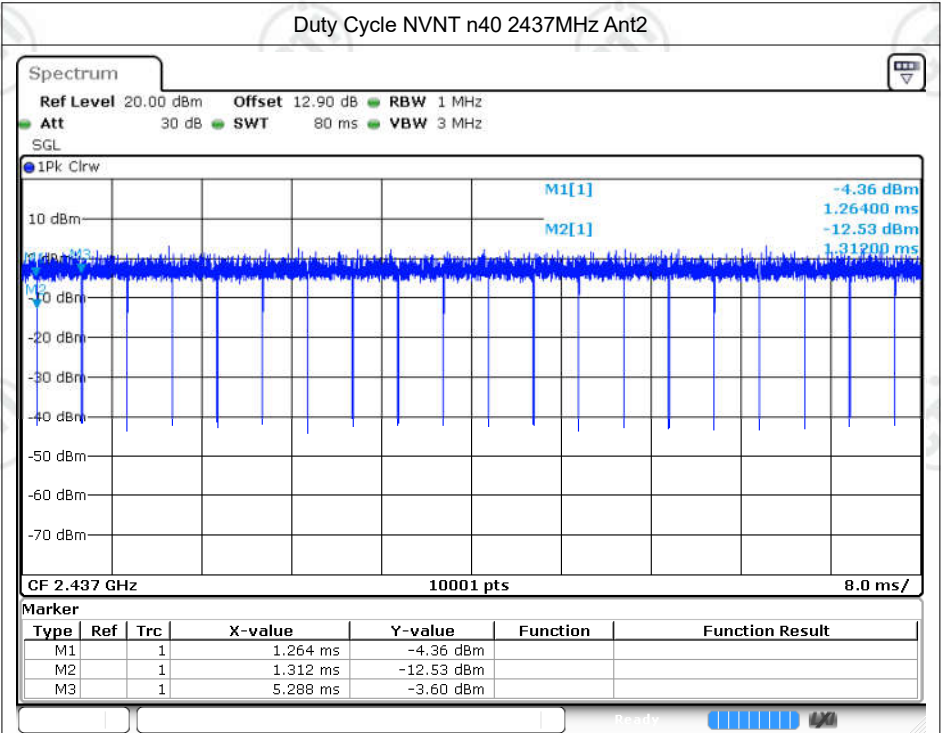
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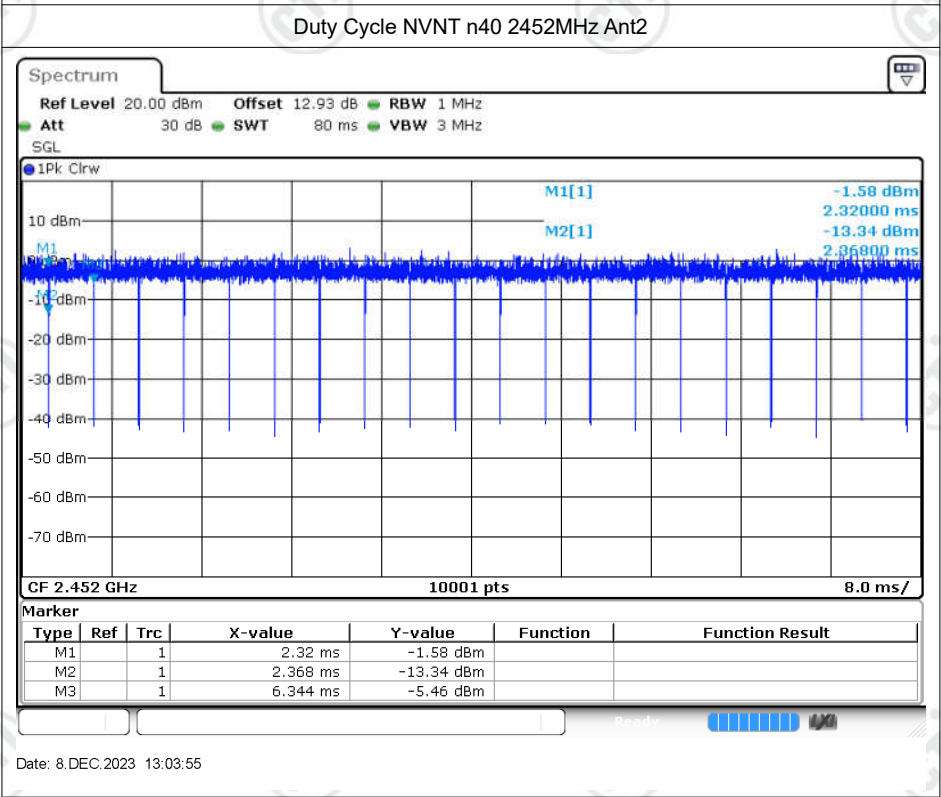
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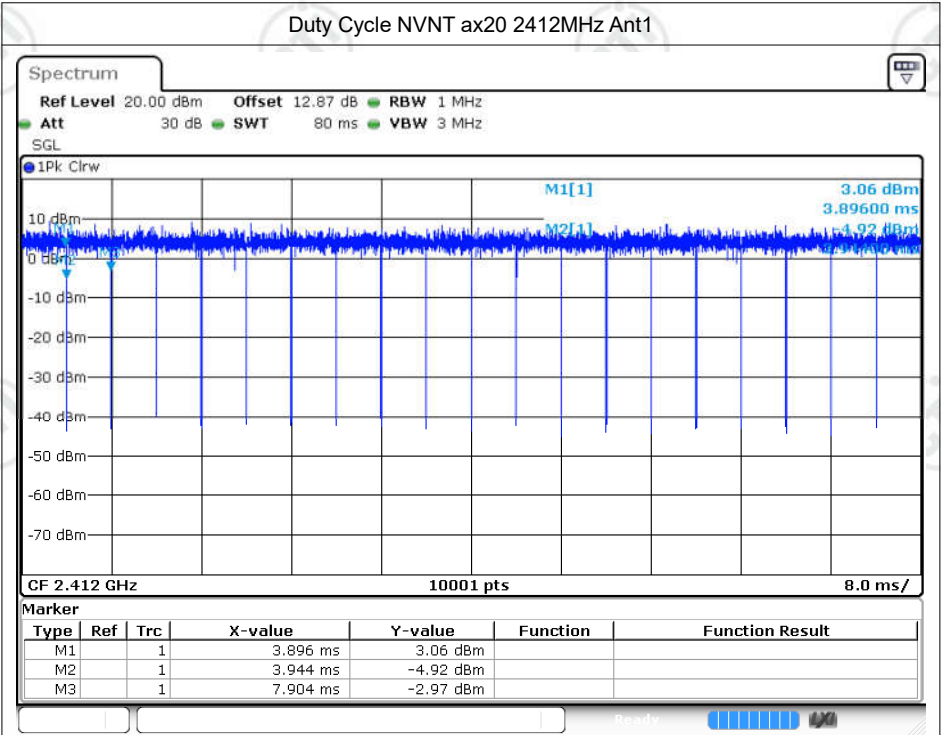
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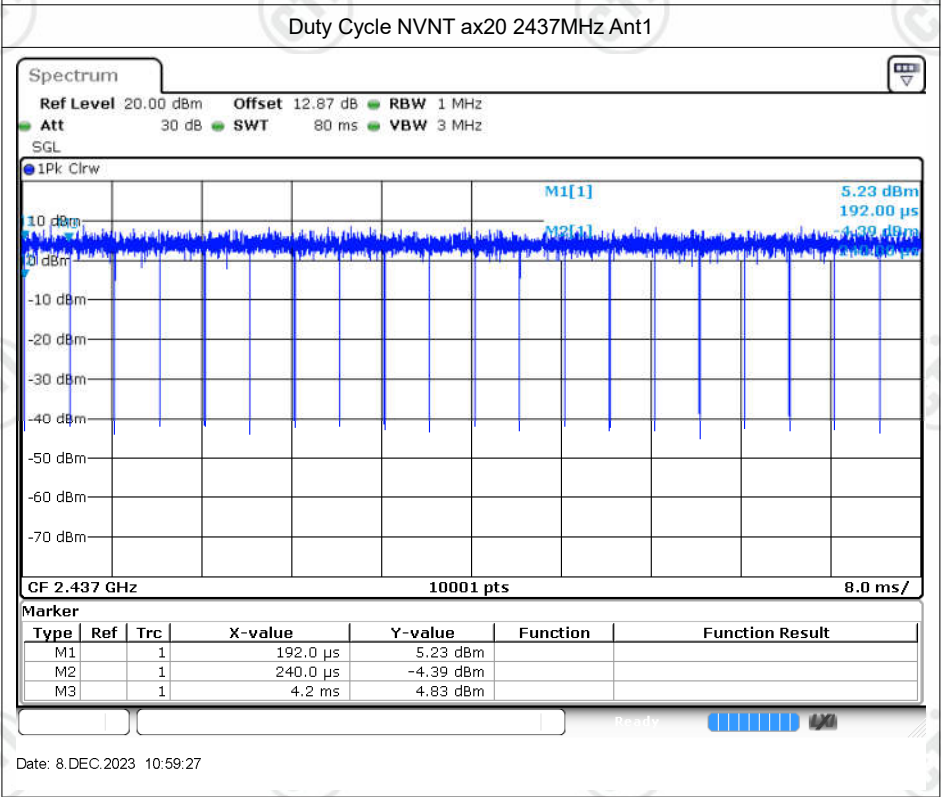
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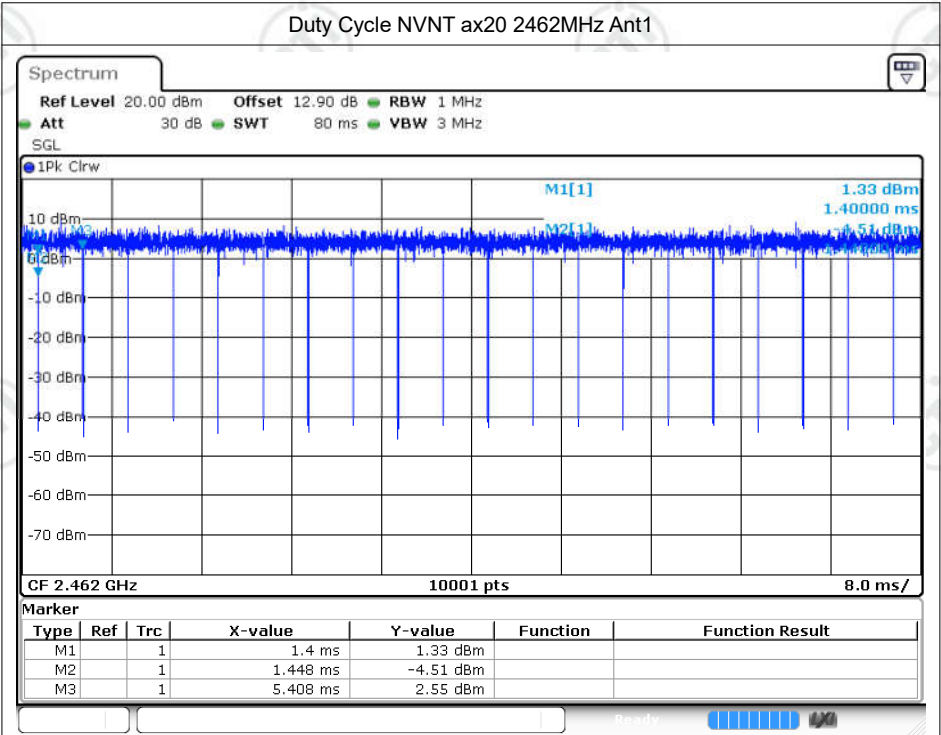
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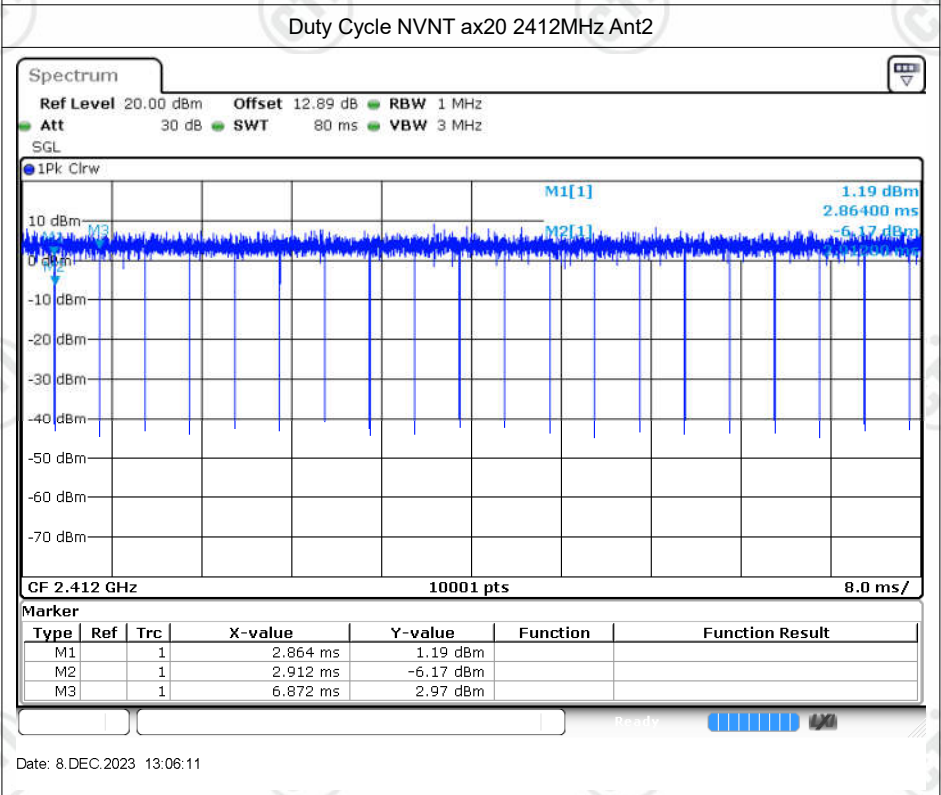
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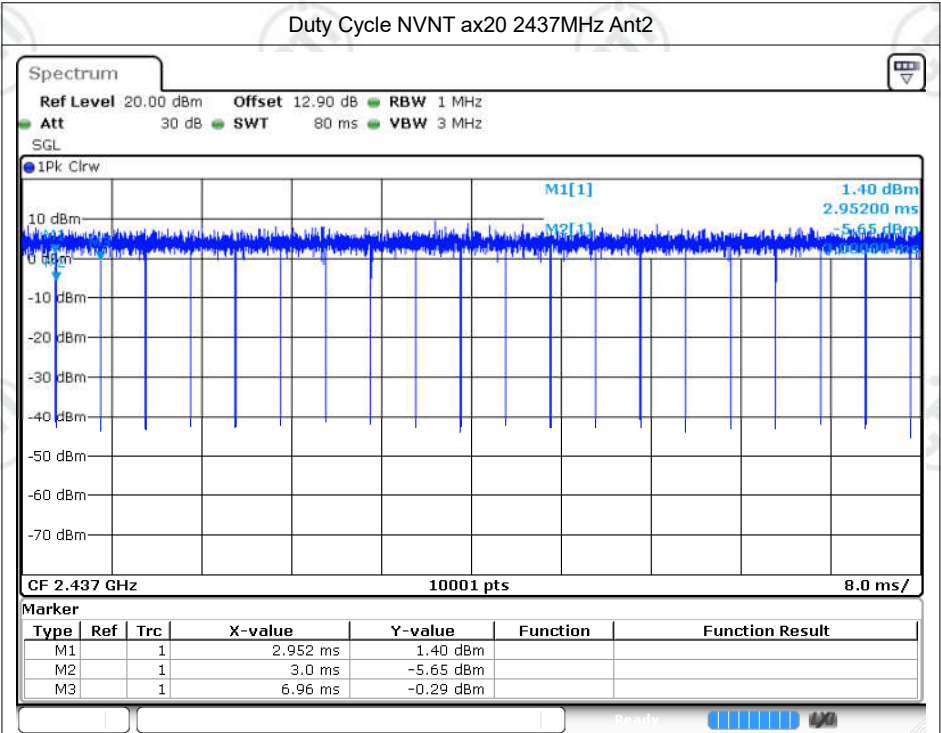
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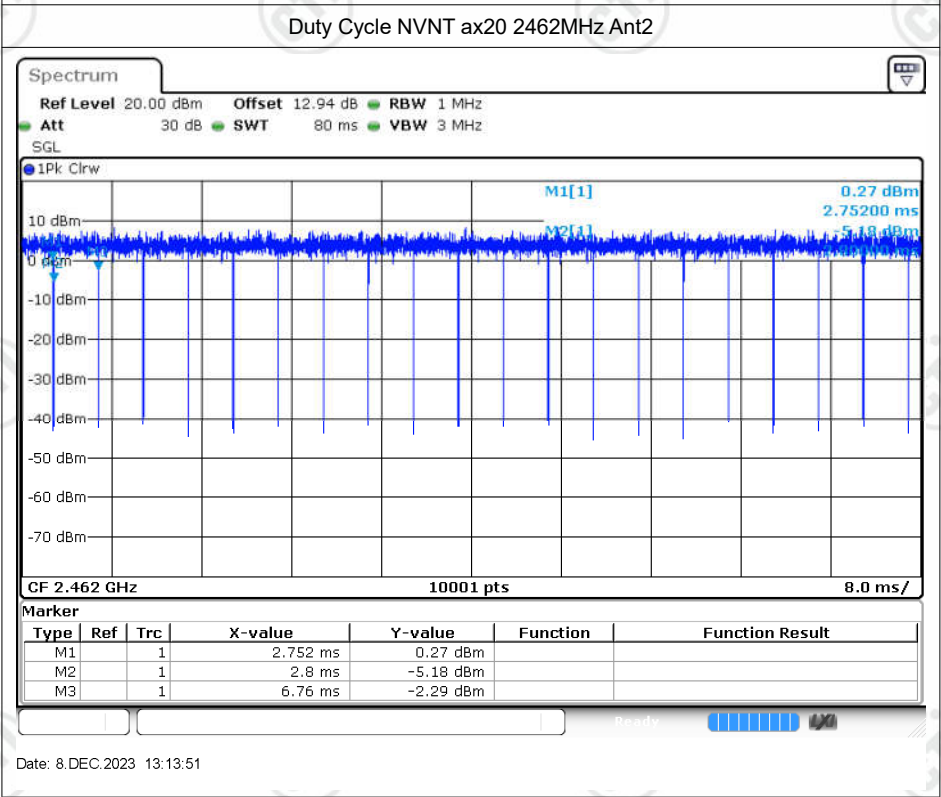
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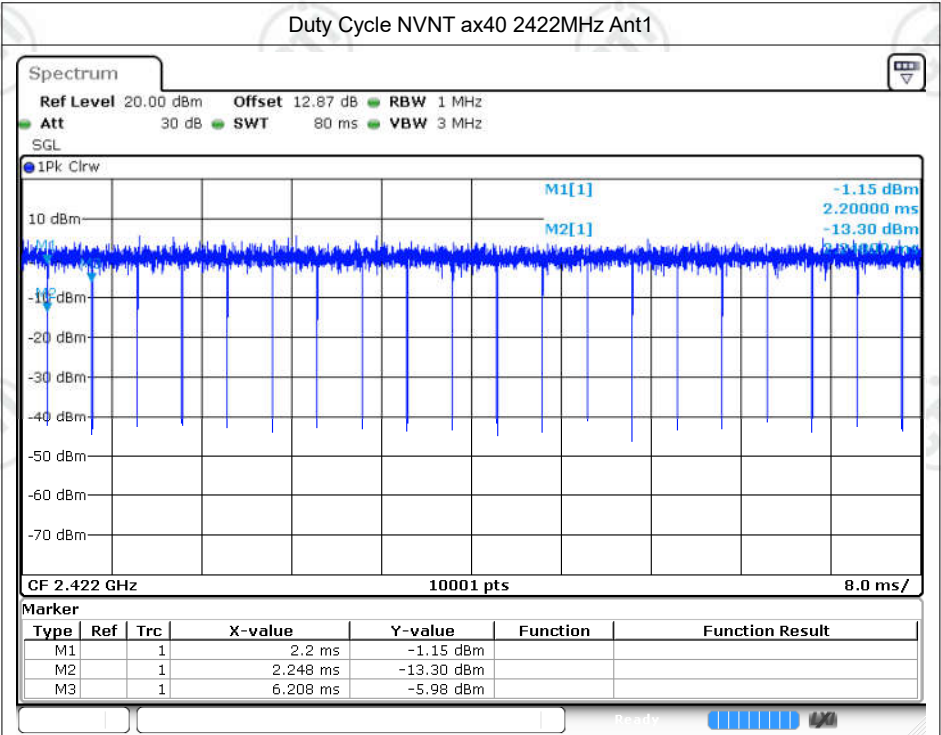
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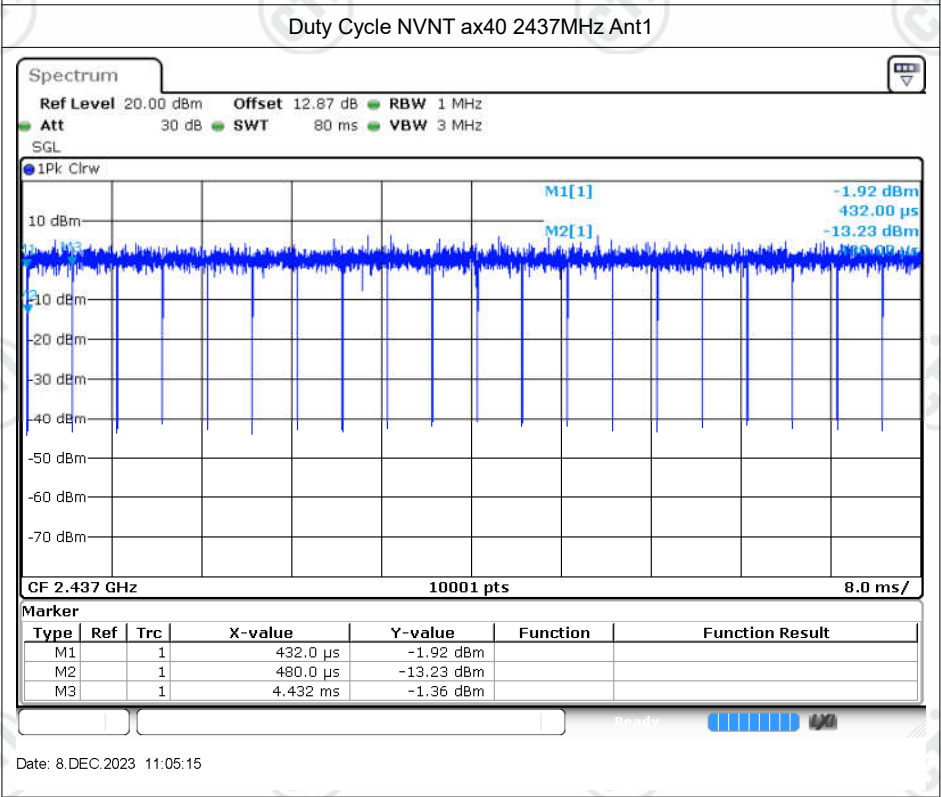
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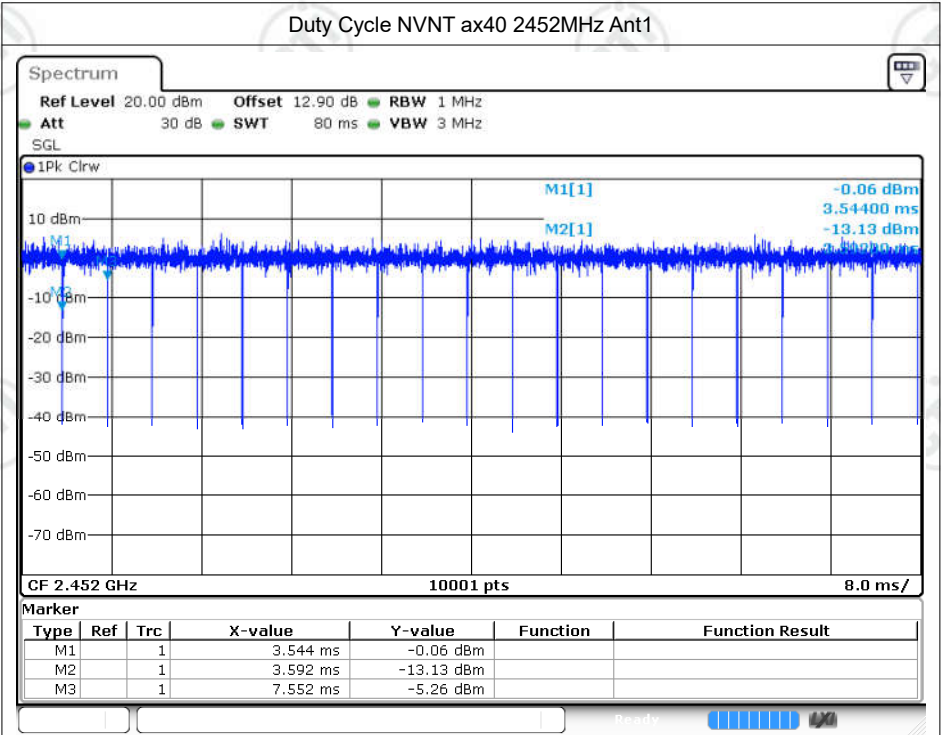
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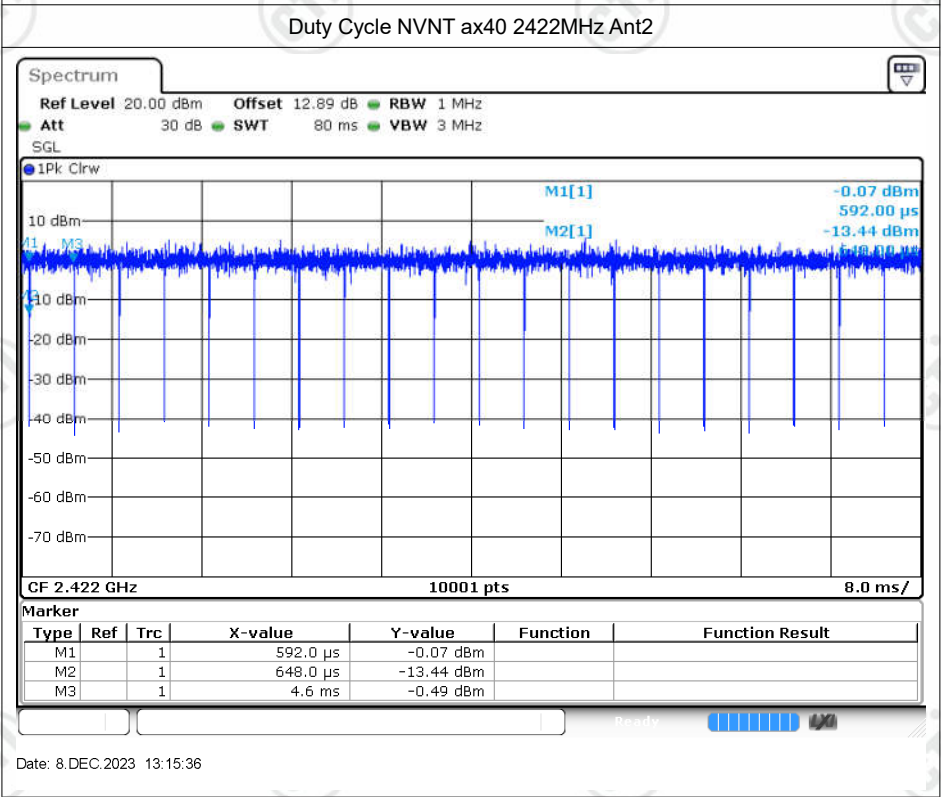
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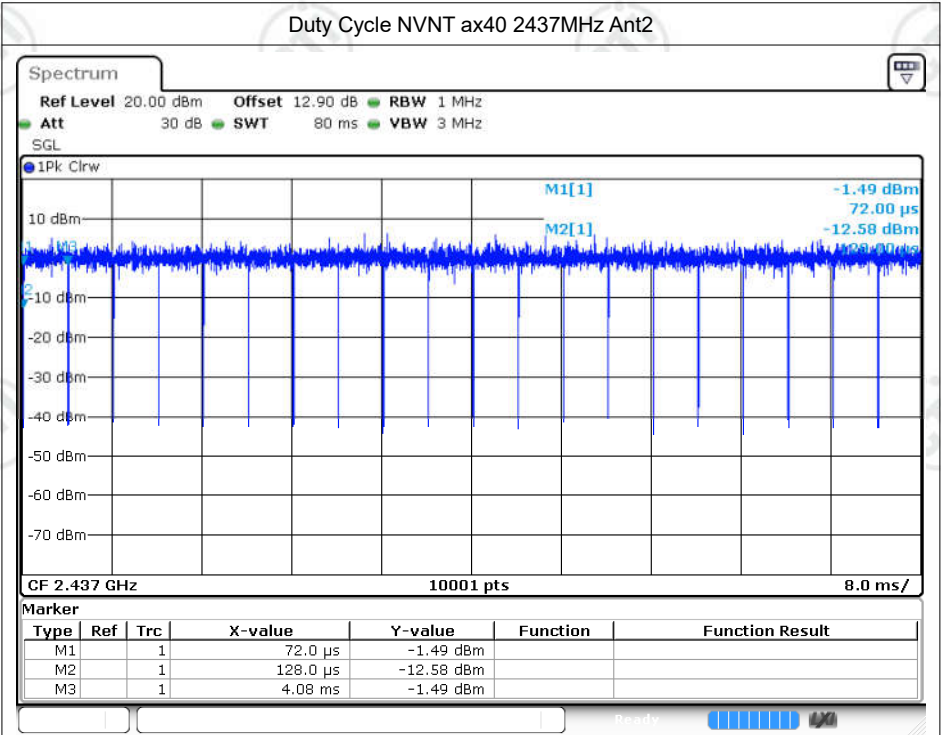
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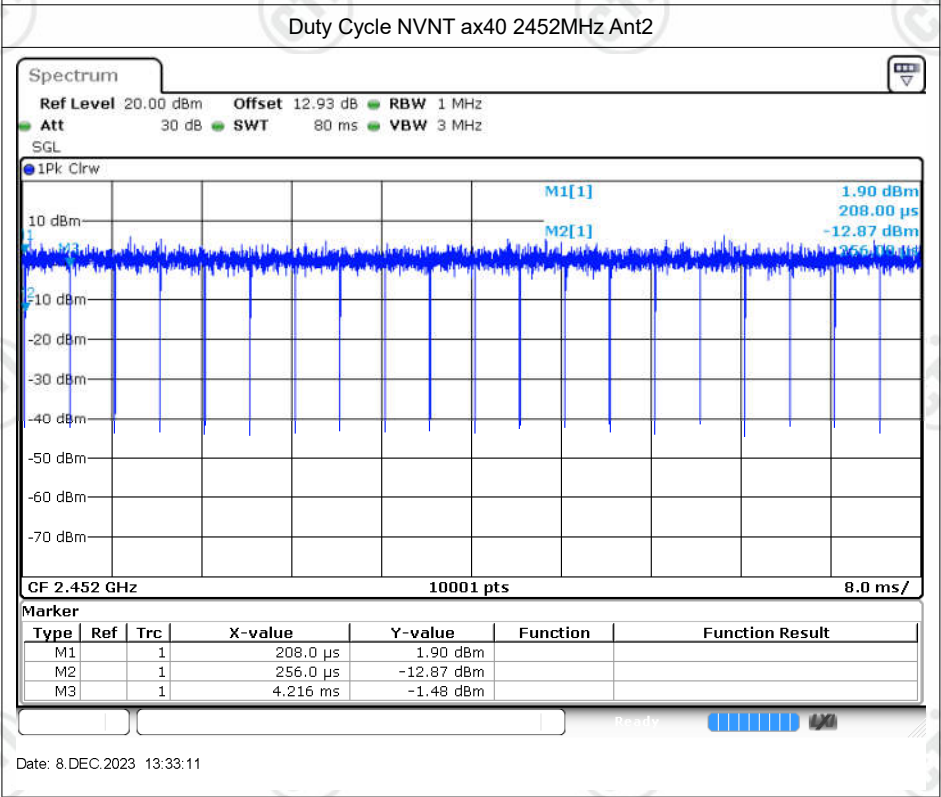
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Date: 8.DEC.2023 13:33:11

Maximum Peak Conducted Output Power

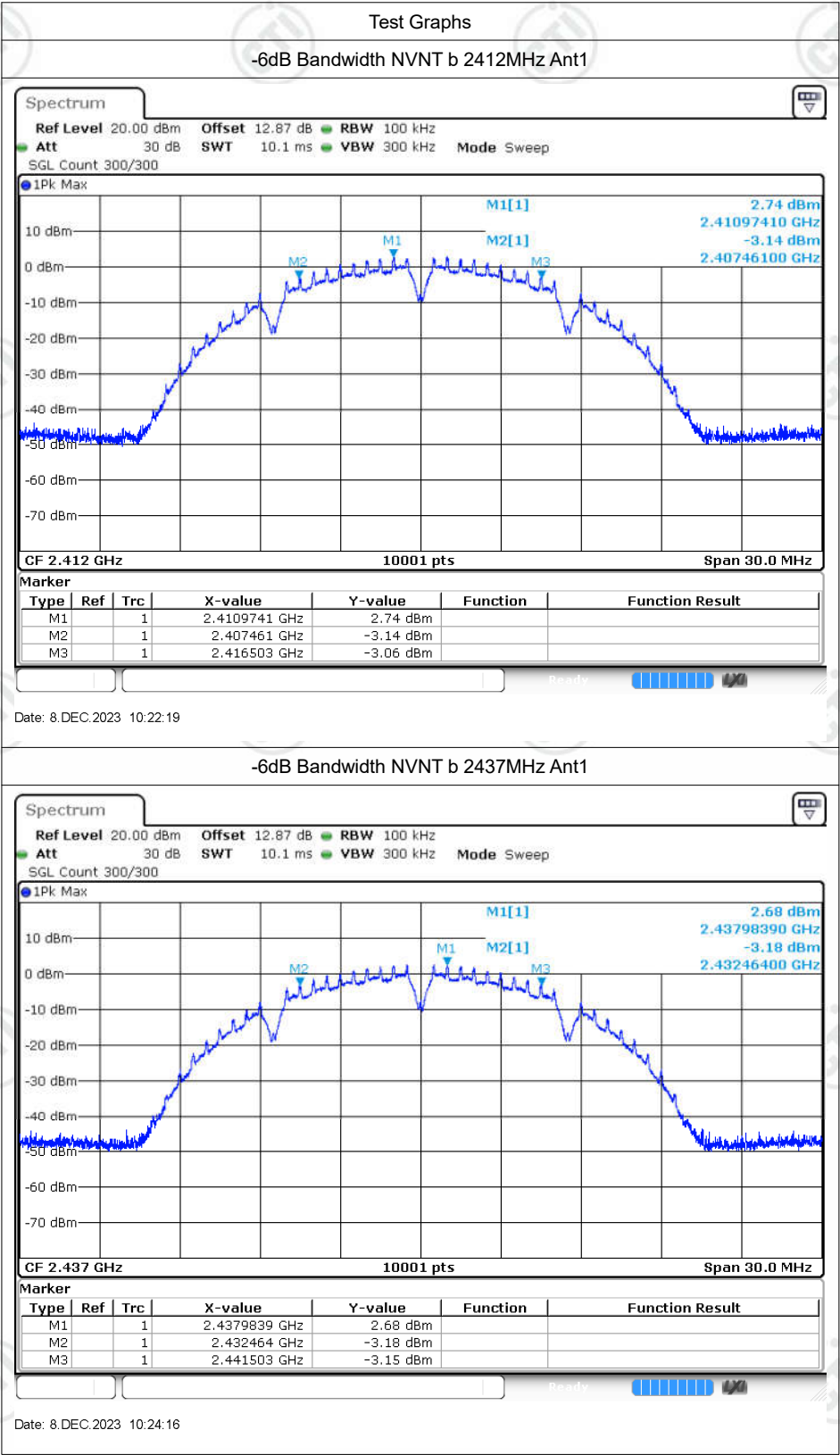
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	12.57	30	Pass
NVNT	b	2437	Ant1	12.4	30	Pass
NVNT	b	2462	Ant1	12.37	30	Pass
NVNT	b	2412	Ant2	12.68	30	Pass
NVNT	b	2437	Ant2	12.85	30	Pass
NVNT	b	2462	Ant2	12.94	30	Pass
NVNT	g	2412	Ant1	11.51	30	Pass
NVNT	g	2437	Ant1	11.32	30	Pass
NVNT	g	2462	Ant1	11.32	30	Pass
NVNT	g	2412	Ant2	10.55	30	Pass
NVNT	g	2437	Ant2	10.88	30	Pass
NVNT	g	2462	Ant2	10.96	30	Pass
NVNT	n20	2412	Ant1	11.44	30	Pass
NVNT	n20	2437	Ant1	11.23	30	Pass
NVNT	n20	2462	Ant1	11.24	30	Pass
NVNT	n20	2412	Ant2	10.43	30	Pass
NVNT	n20	2437	Ant2	10.84	30	Pass
NVNT	n20	2462	Ant2	10.79	30	Pass
NVNT	n20	2412	Ant1	6.01	30	Pass
NVNT	n20	2412	Ant2	5.06	30	Pass
NVNT	n20	2412	Sum	8.57	30	Pass
NVNT	n20	2437	Ant1	5.59	30	Pass
NVNT	n20	2437	Ant2	5.18	30	Pass
NVNT	n20	2437	Sum	8.4	30	Pass
NVNT	n20	2462	Ant1	5.45	30	Pass
NVNT	n20	2462	Ant2	5.35	30	Pass
NVNT	n20	2462	Sum	8.41	30	Pass
NVNT	n40	2422	Ant1	11.95	30	Pass
NVNT	n40	2437	Ant1	11.77	30	Pass
NVNT	n40	2452	Ant1	11.62	30	Pass
NVNT	n40	2422	Ant2	11.21	30	Pass
NVNT	n40	2437	Ant2	11.53	30	Pass
NVNT	n40	2452	Ant2	11.55	30	Pass
NVNT	n40	2422	Ant1	6.2	30	Pass
NVNT	n40	2422	Ant2	5.54	30	Pass
NVNT	n40	2422	Sum	8.89	30	Pass
NVNT	n40	2437	Ant1	6.15	30	Pass
NVNT	n40	2437	Ant2	5.8	30	Pass

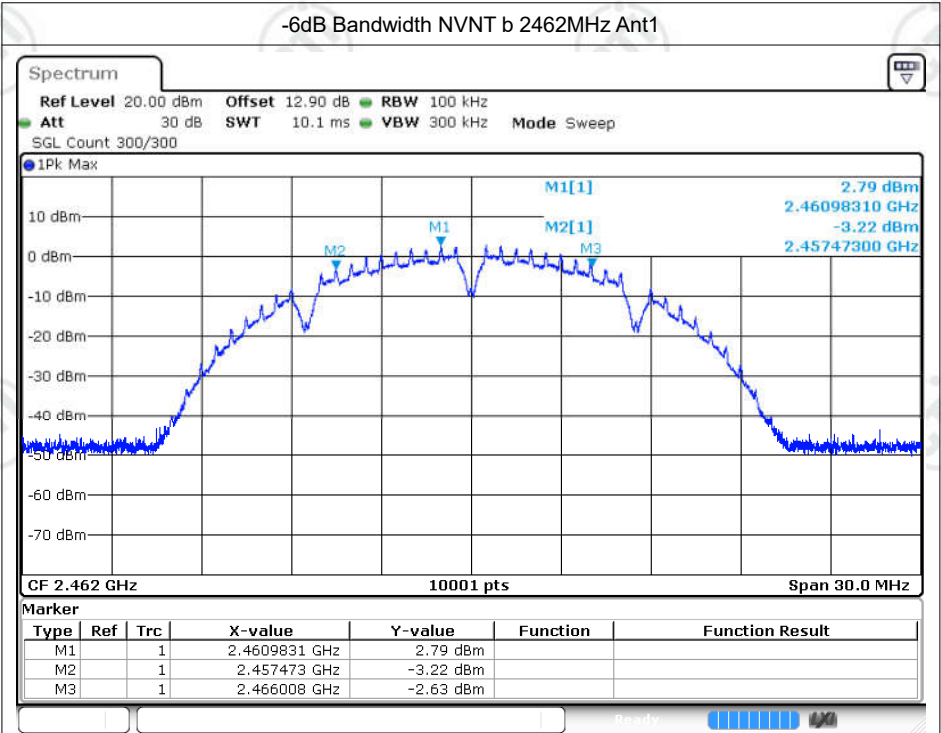
NVNT	n40	2437	Sum	8.99	30	Pass
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NVNT	n40	2452	Ant2	5.86	30	Pass
NVNT	n40	2452	Sum	8.93	30	Pass
NVNT	ax20	2412	Ant1	11.56	30	Pass
NVNT	ax20	2437	Ant1	11.44	30	Pass
NVNT	ax20	2462	Ant1	11.3	30	Pass
NVNT	ax20	2412	Ant2	10.7	30	Pass
NVNT	ax20	2437	Ant2	11	30	Pass
NVNT	ax20	2462	Ant2	10.92	30	Pass
NVNT	ax20	2412	Ant1	5.96	30	Pass
NVNT	ax20	2412	Ant2	4.95	30	Pass
NVNT	ax20	2412	Sum	8.49	30	Pass
NVNT	ax20	2437	Ant1	5.71	30	Pass
NVNT	ax20	2437	Ant2	5.34	30	Pass
NVNT	ax20	2437	Sum	8.54	30	Pass
NVNT	ax20	2462	Ant1	5.65	30	Pass
NVNT	ax20	2462	Ant2	5.35	30	Pass
NVNT	ax20	2462	Sum	8.51	30	Pass
NVNT	ax40	2422	Ant1	11.72	30	Pass
NVNT	ax40	2437	Ant1	11.67	30	Pass
NVNT	ax40	2452	Ant1	11.4	30	Pass
NVNT	ax40	2422	Ant2	11	30	Pass
NVNT	ax40	2437	Ant2	11.18	30	Pass
NVNT	ax40	2452	Ant2	11.3	30	Pass
NVNT	ax40	2422	Ant1	6	30	Pass
NVNT	ax40	2422	Ant2	5.37	30	Pass
NVNT	ax40	2422	Sum	8.71	30	Pass
NVNT	ax40	2437	Ant1	5.98	30	Pass
NVNT	ax40	2437	Ant2	5.66	30	Pass
NVNT	ax40	2437	Sum	8.83	30	Pass
NVNT	ax40	2452	Ant1	5.8	30	Pass
NVNT	ax40	2452	Ant2	5.7	30	Pass
NVNT	ax40	2452	Sum	8.76	30	Pass

Note:The Conducted Power has been added Duty Cycle factor.

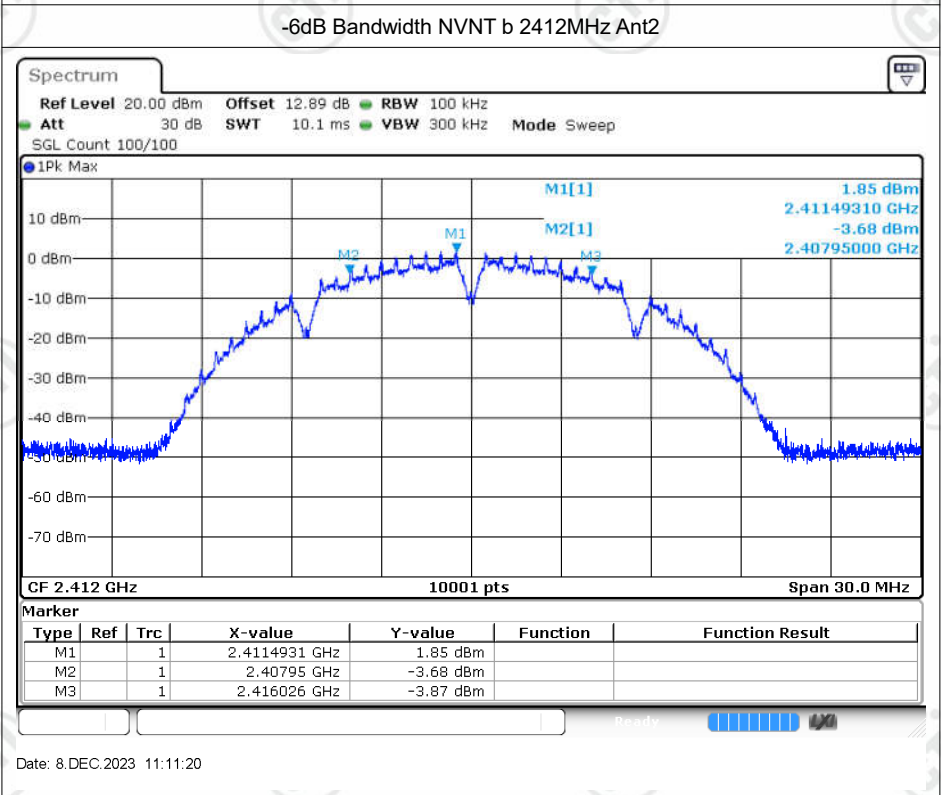
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.042	0.5	Pass
NVNT	b	2437	Ant1	9.039	0.5	Pass
NVNT	b	2462	Ant1	8.535	0.5	Pass
NVNT	b	2412	Ant2	8.076	0.5	Pass
NVNT	b	2437	Ant2	8.532	0.5	Pass
NVNT	b	2462	Ant2	9.006	0.5	Pass
NVNT	g	2412	Ant1	15.105	0.5	Pass
NVNT	g	2437	Ant1	15.111	0.5	Pass
NVNT	g	2462	Ant1	15.096	0.5	Pass
NVNT	g	2412	Ant2	15.036	0.5	Pass
NVNT	g	2437	Ant2	15.084	0.5	Pass
NVNT	g	2462	Ant2	15.315	0.5	Pass
NVNT	n20	2412	Ant1	15.042	0.5	Pass
NVNT	n20	2437	Ant1	15.06	0.5	Pass
NVNT	n20	2462	Ant1	15.06	0.5	Pass
NVNT	n20	2412	Ant2	15.006	0.5	Pass
NVNT	n20	2437	Ant2	15.441	0.5	Pass
NVNT	n20	2462	Ant2	15.015	0.5	Pass
NVNT	n40	2422	Ant1	32.55	0.5	Pass
NVNT	n40	2437	Ant1	35.052	0.5	Pass
NVNT	n40	2452	Ant1	30.972	0.5	Pass
NVNT	n40	2422	Ant2	35.04	0.5	Pass
NVNT	n40	2437	Ant2	31.278	0.5	Pass
NVNT	n40	2452	Ant2	34.974	0.5	Pass
NVNT	ax20	2412	Ant1	15.402	0.5	Pass
NVNT	ax20	2437	Ant1	16.68	0.5	Pass
NVNT	ax20	2462	Ant1	16.575	0.5	Pass
NVNT	ax20	2412	Ant2	15.984	0.5	Pass
NVNT	ax20	2437	Ant2	17.547	0.5	Pass
NVNT	ax20	2462	Ant2	16.509	0.5	Pass
NVNT	ax40	2422	Ant1	31.38	0.5	Pass
NVNT	ax40	2437	Ant1	32.244	0.5	Pass
NVNT	ax40	2452	Ant1	32.094	0.5	Pass
NVNT	ax40	2422	Ant2	34.422	0.5	Pass
NVNT	ax40	2437	Ant2	34.962	0.5	Pass
NVNT	ax40	2452	Ant2	30.54	0.5	Pass

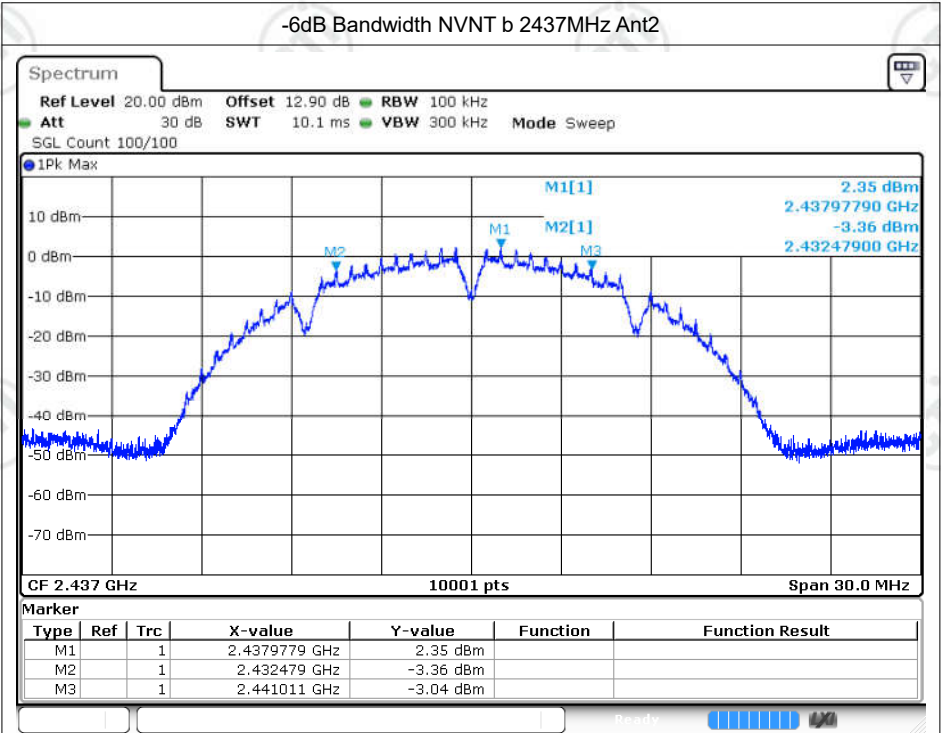




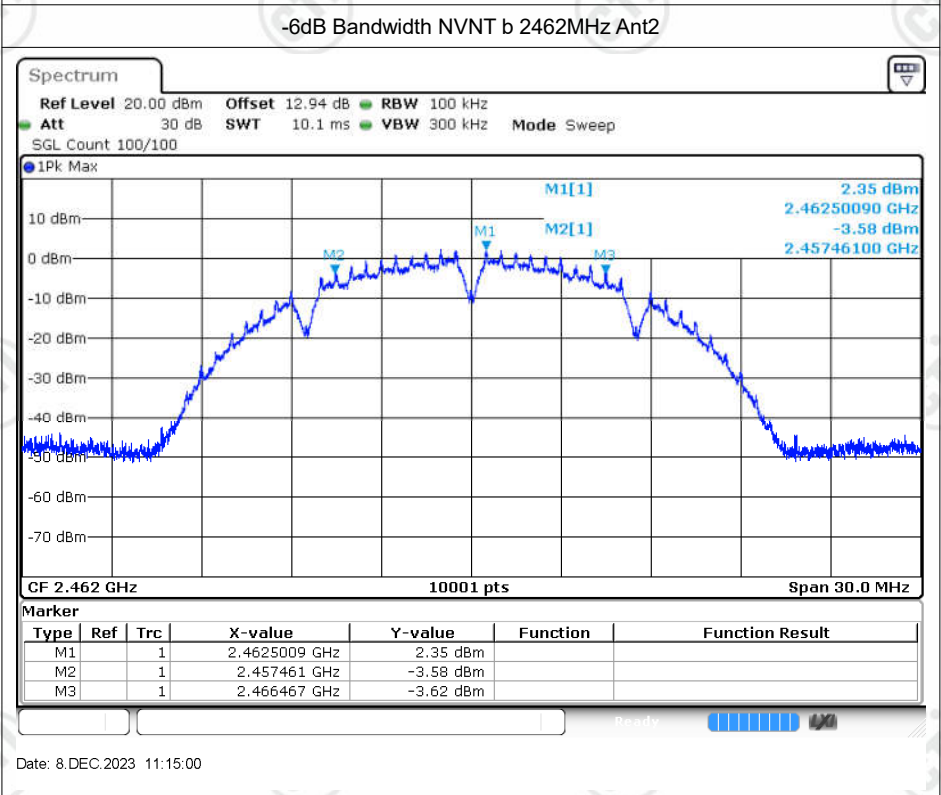
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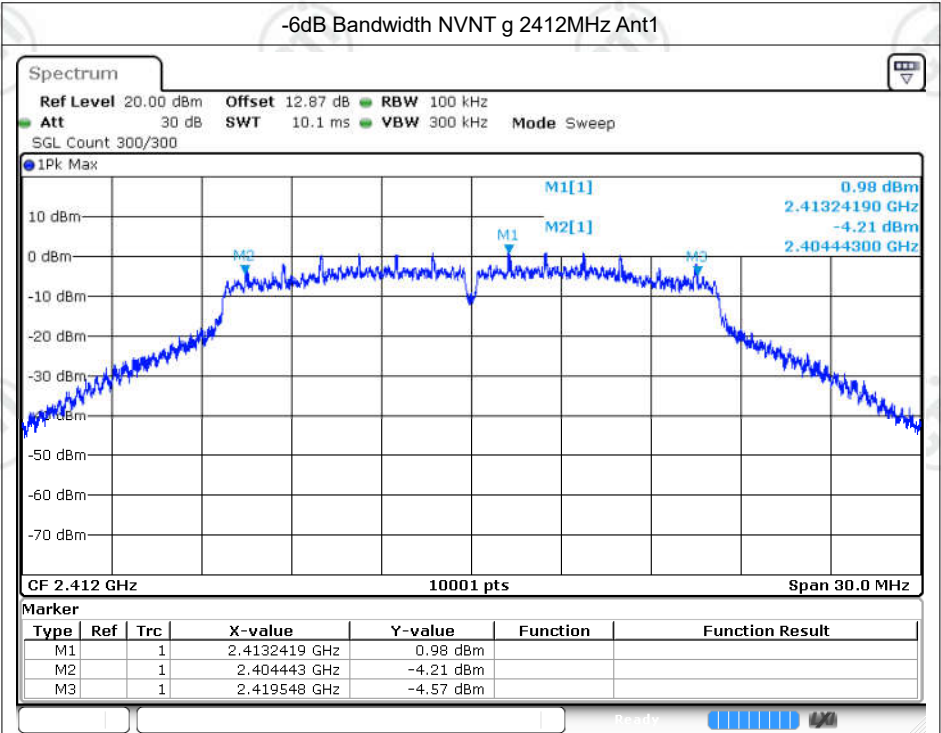
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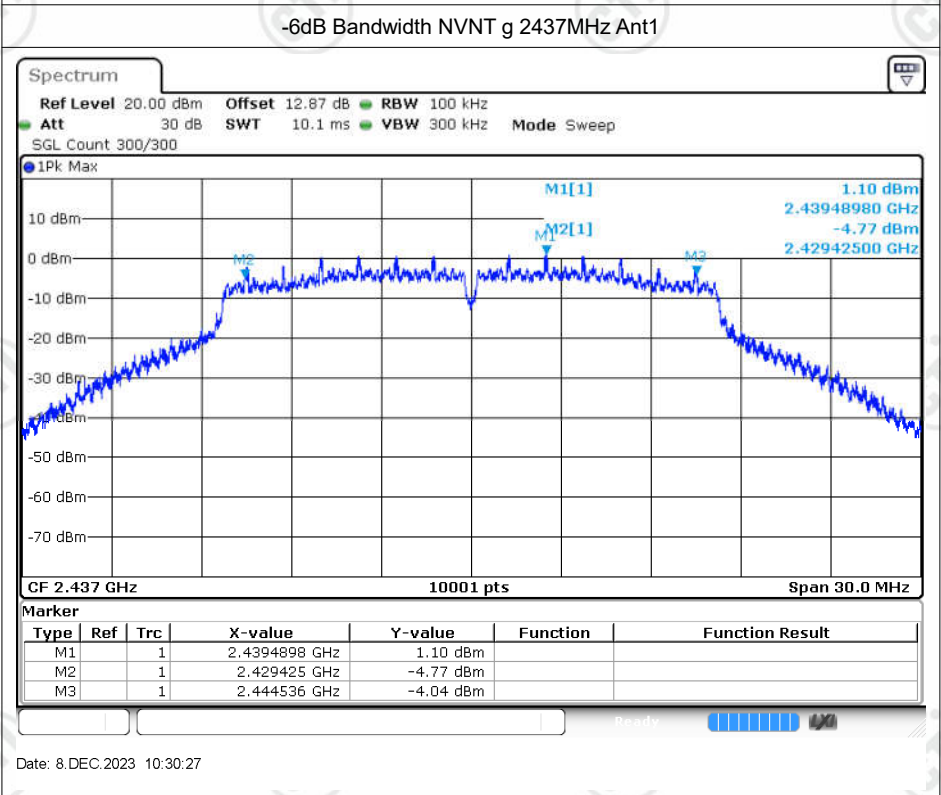
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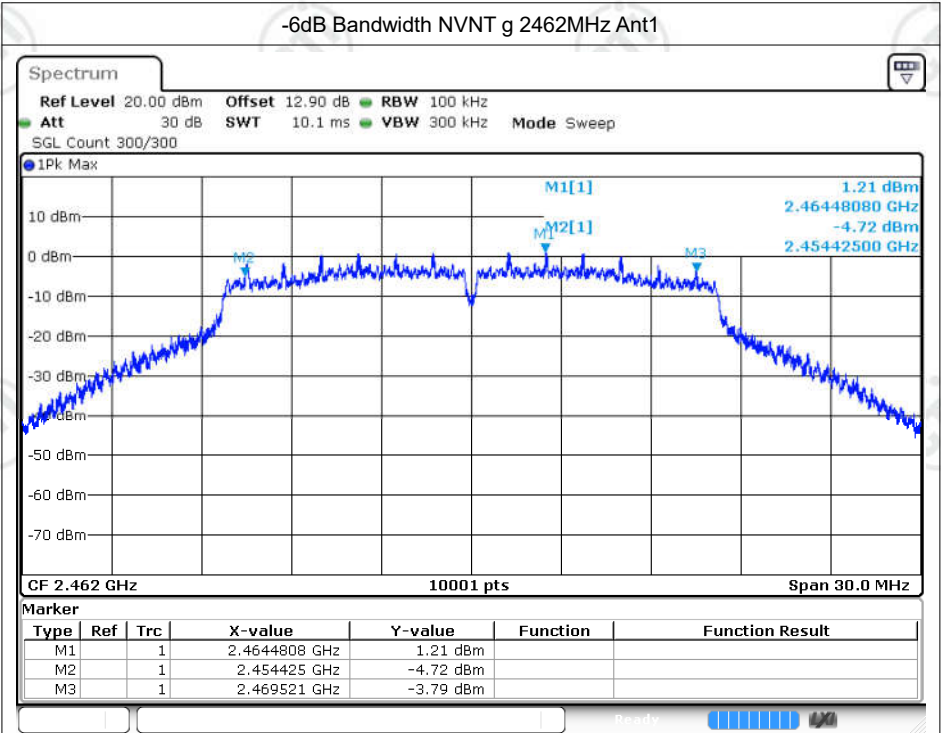
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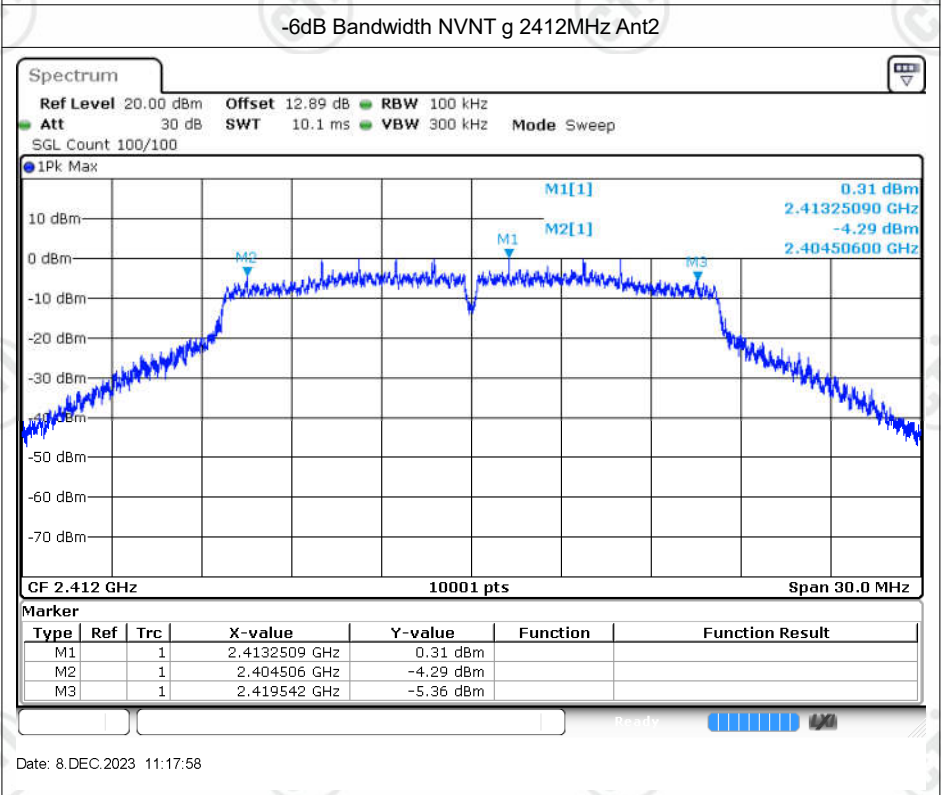
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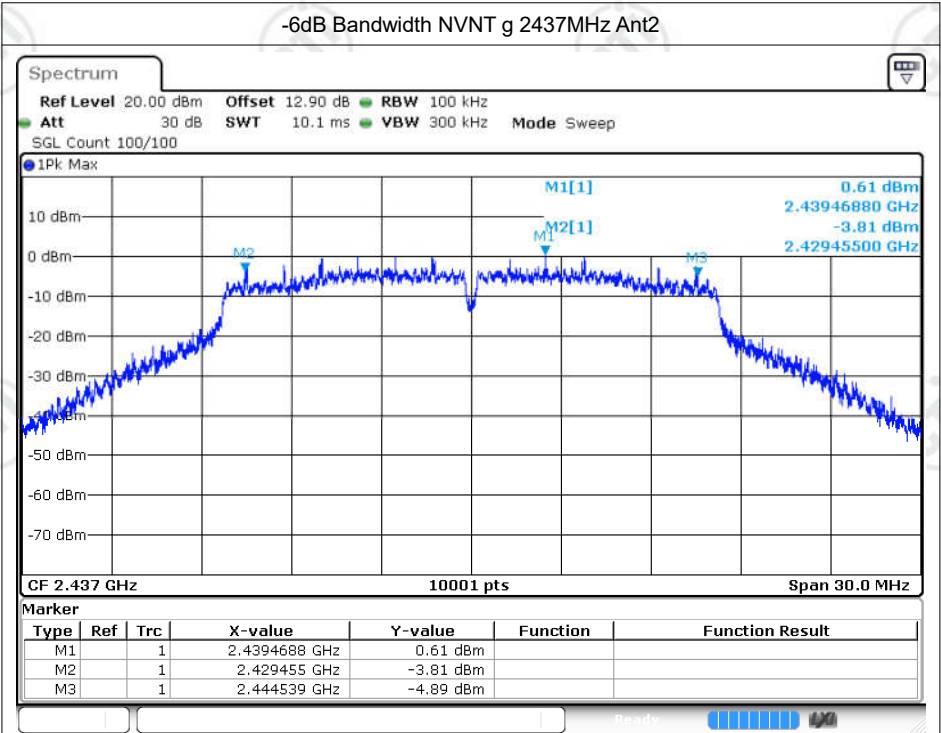
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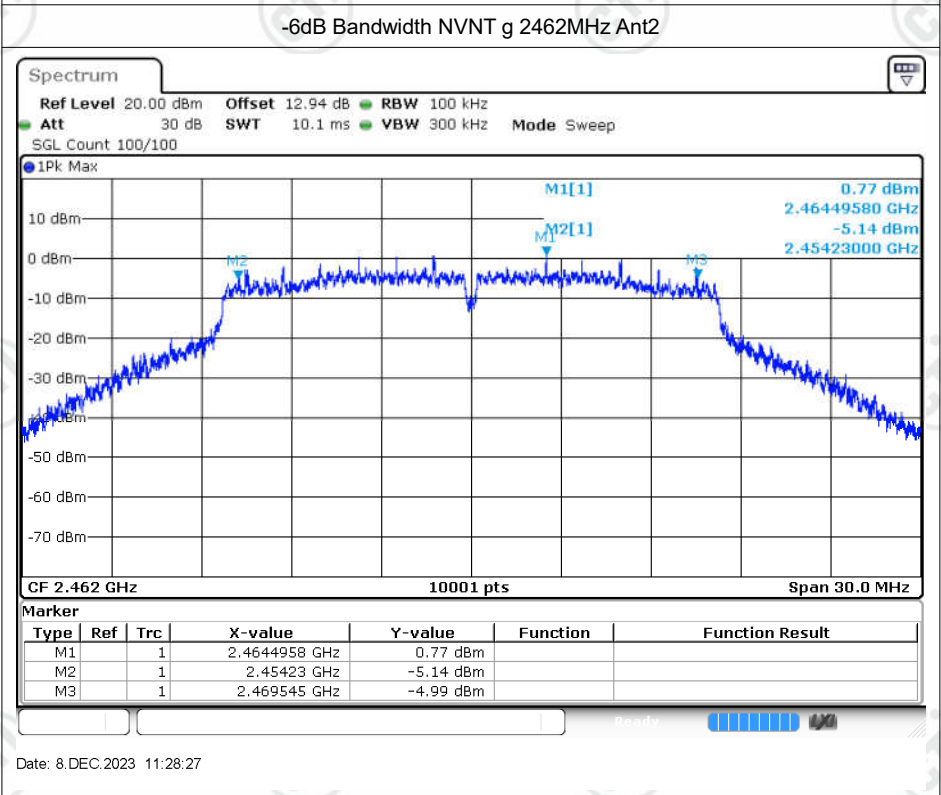
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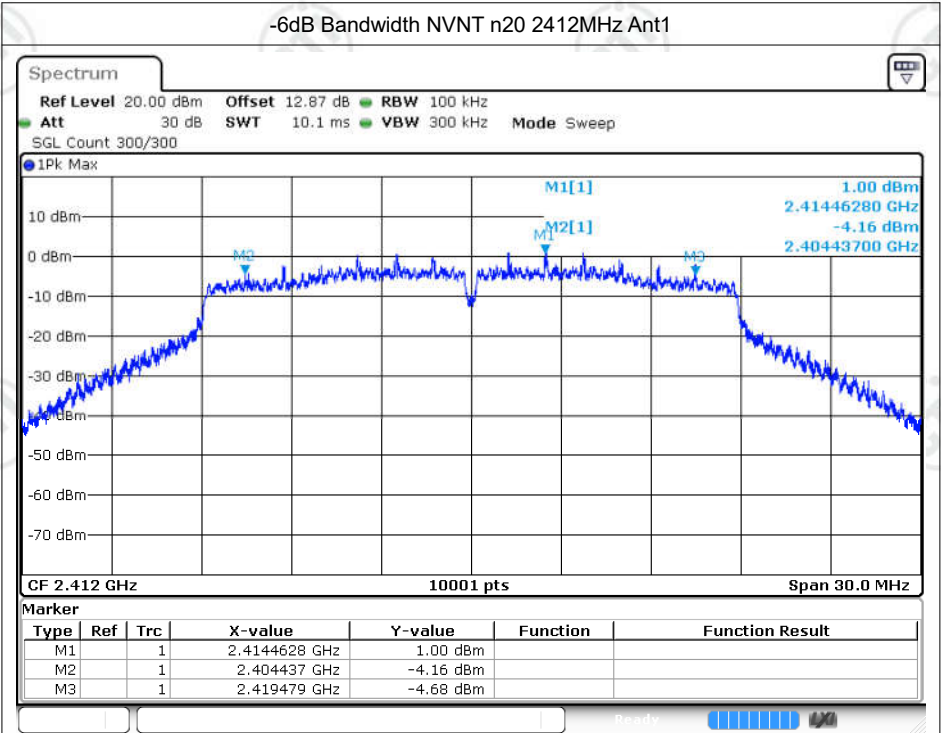
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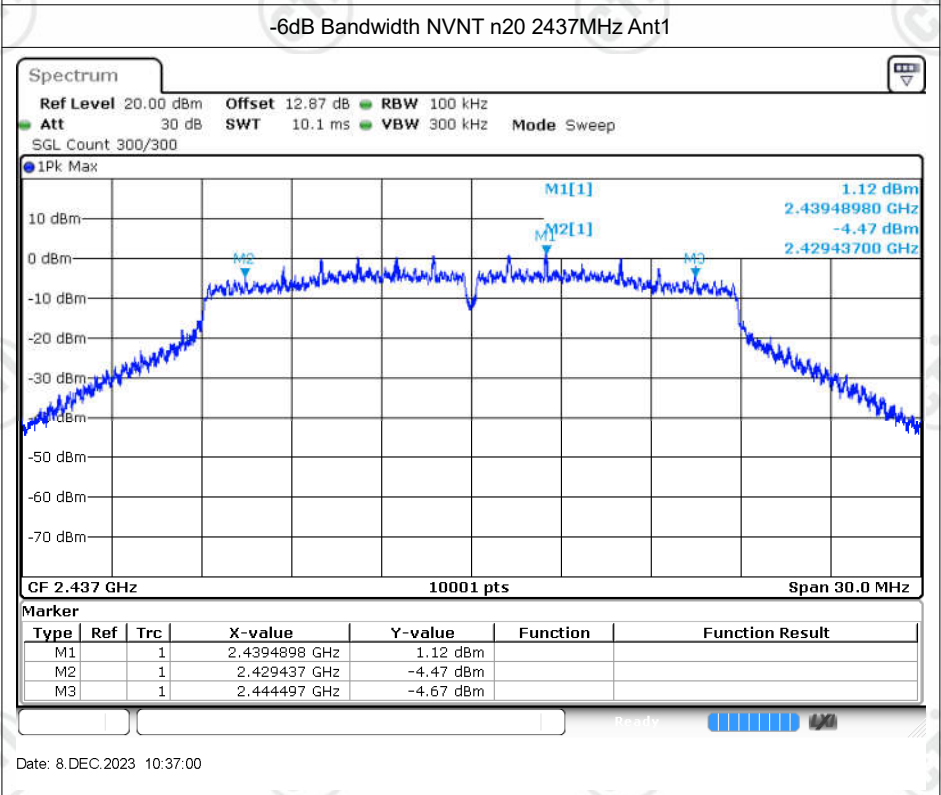
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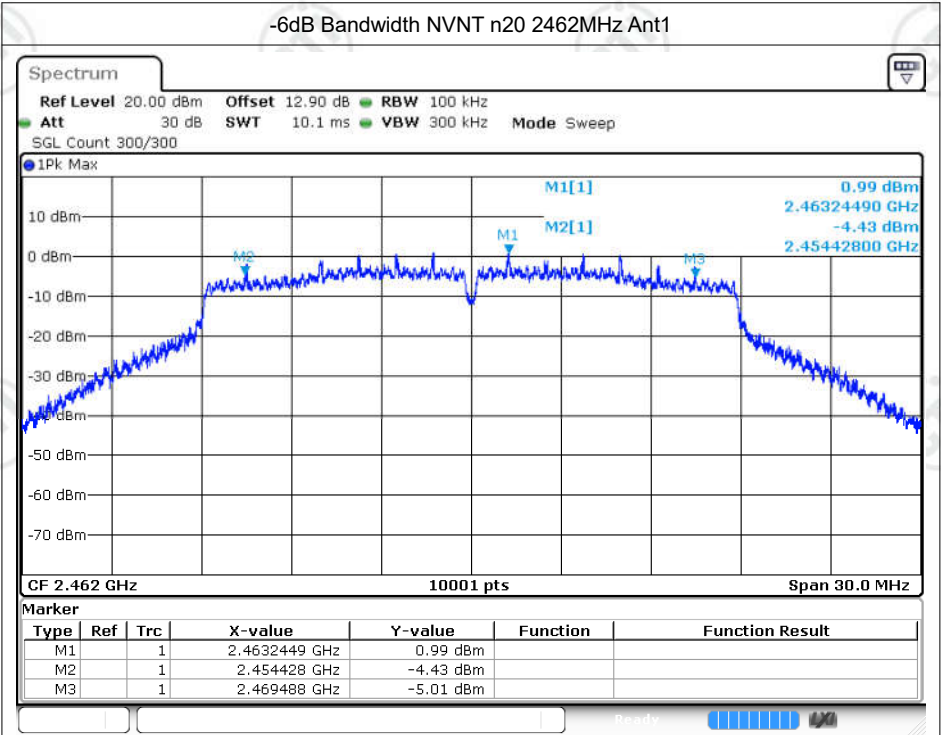
Date: 8.DEC.2023 11:28:27



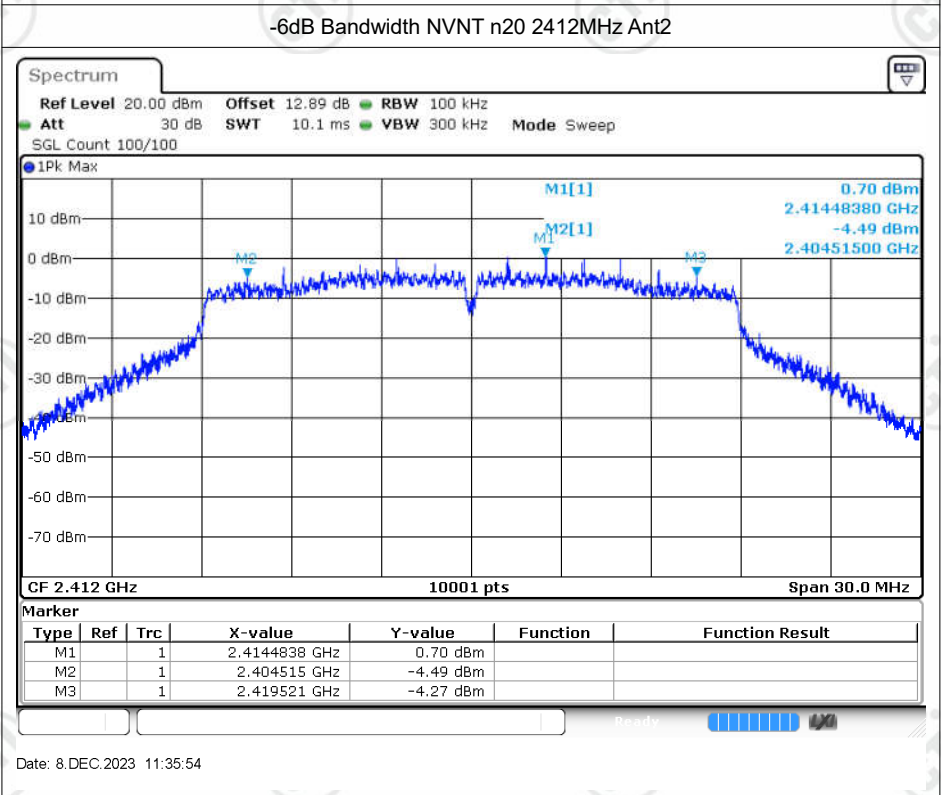
Date: 8.DEC.2023 10:35:07



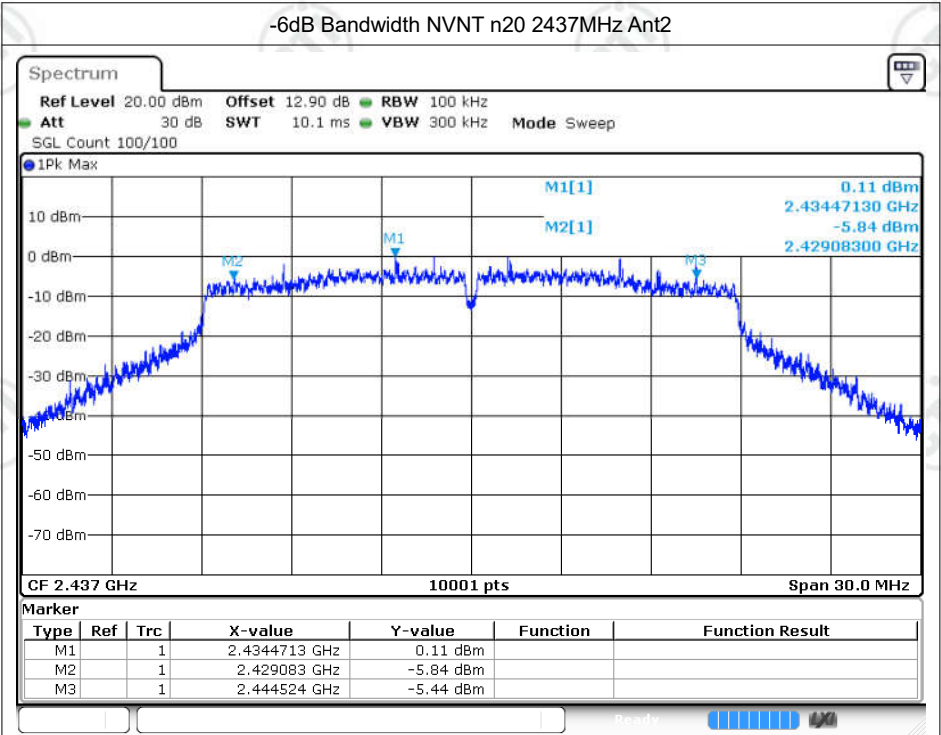
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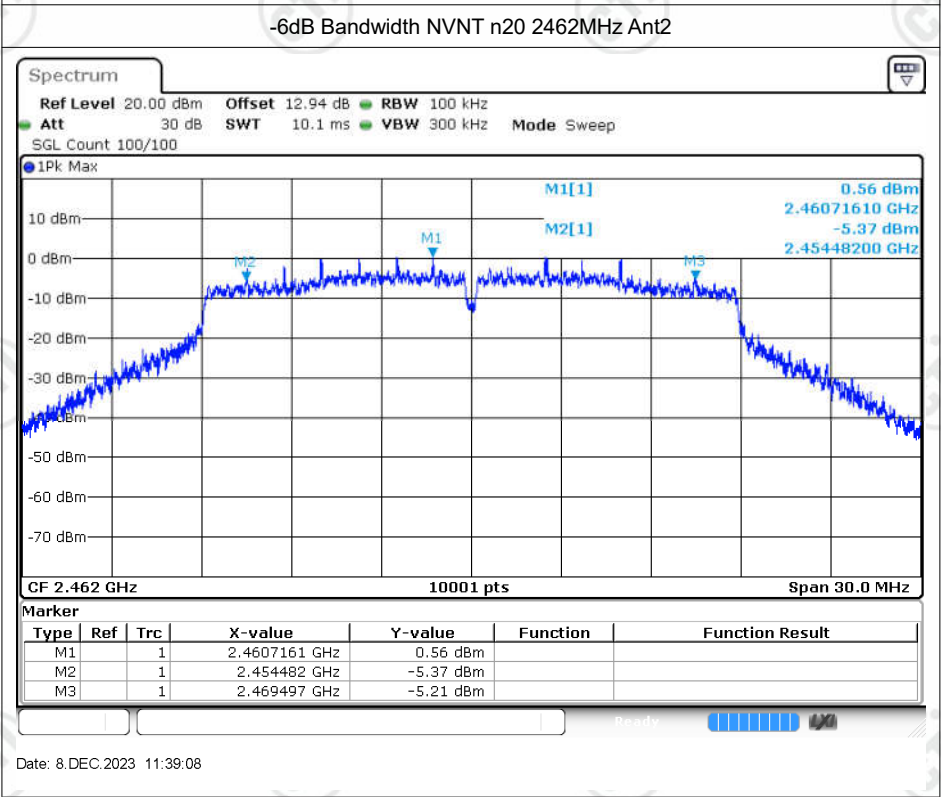
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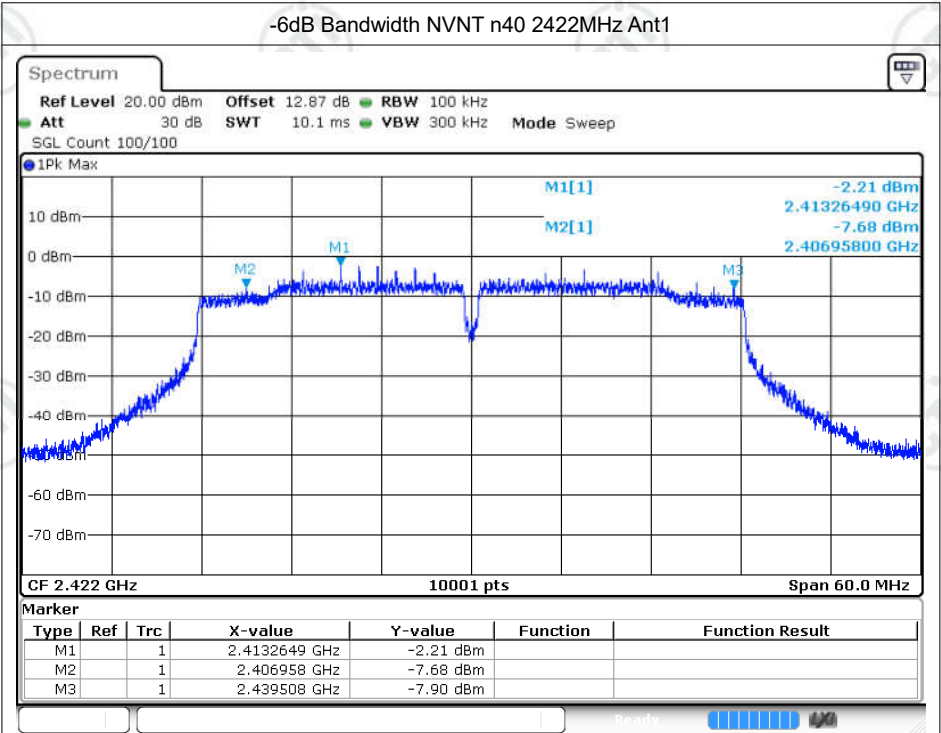
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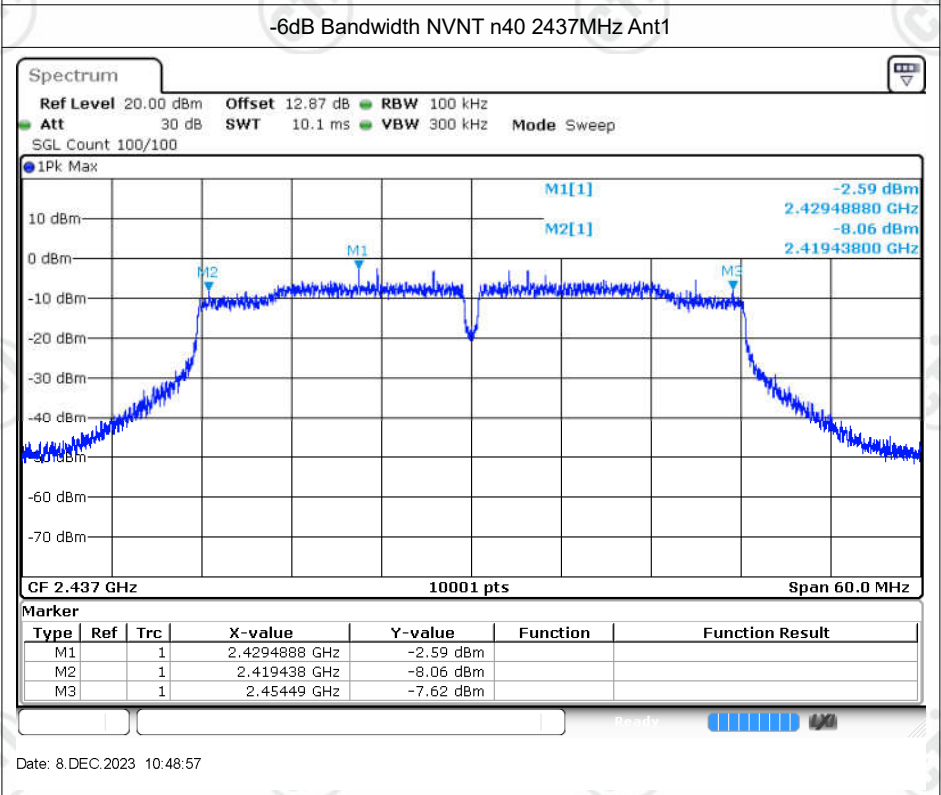
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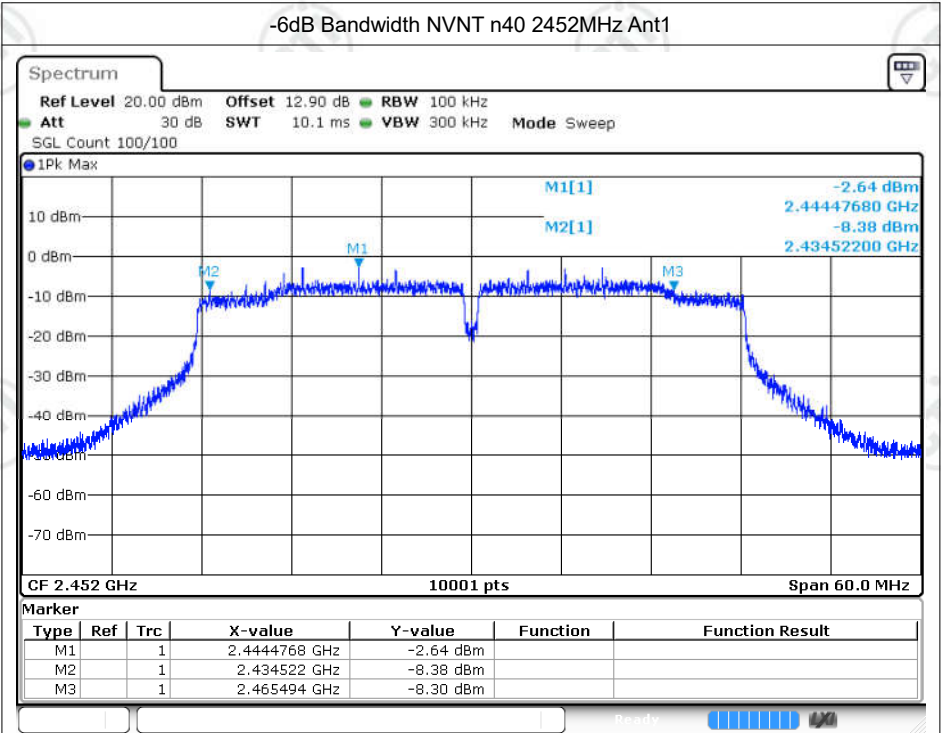
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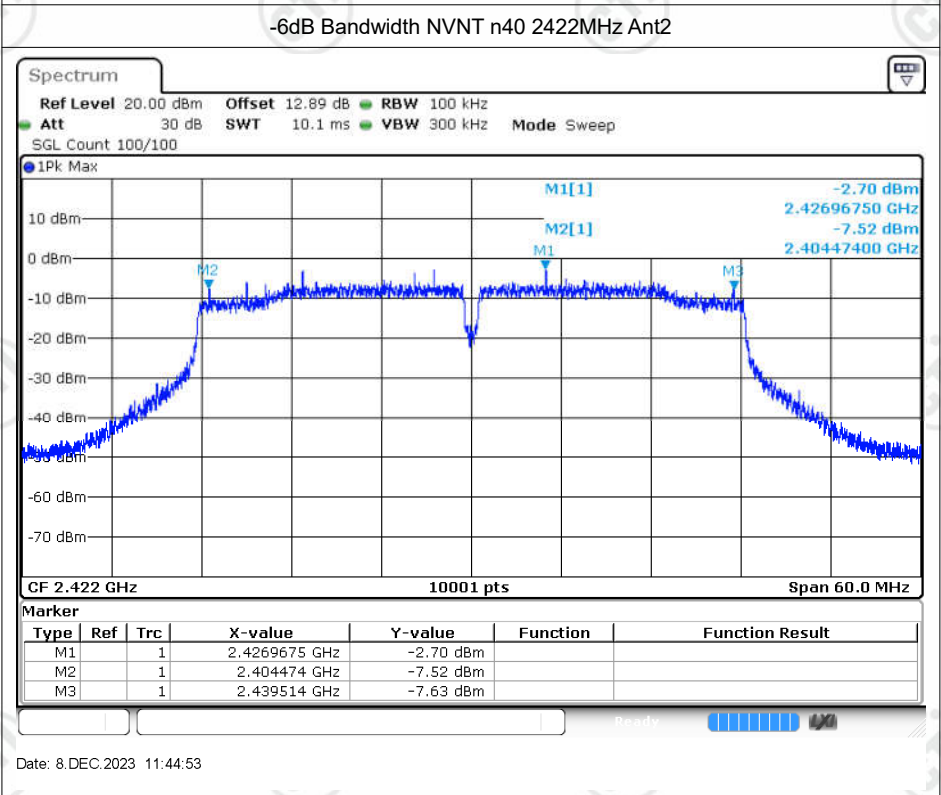
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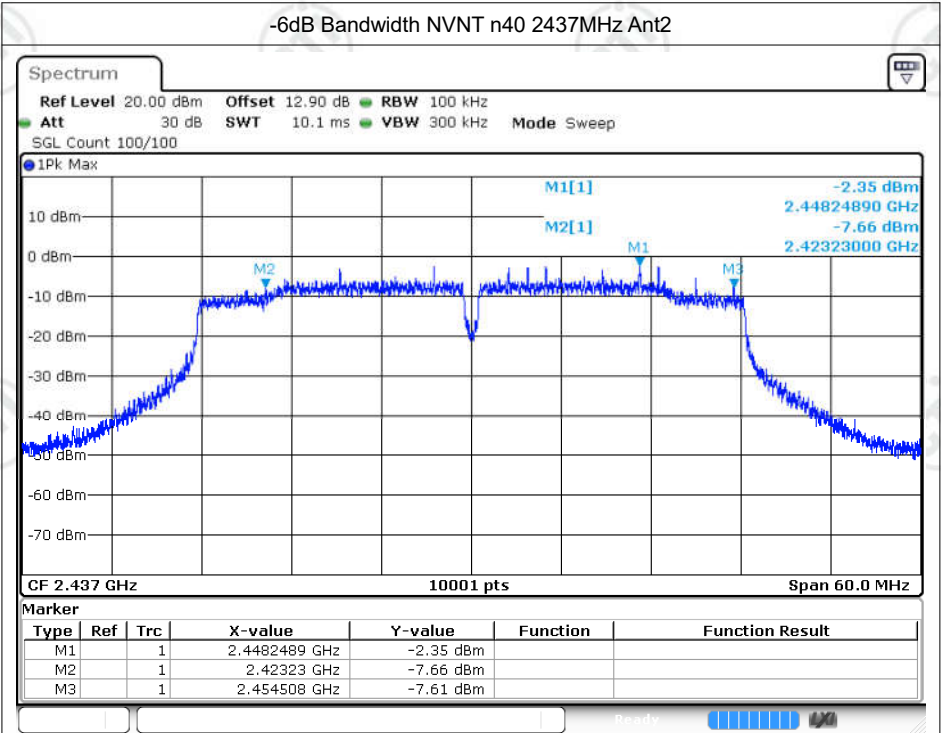
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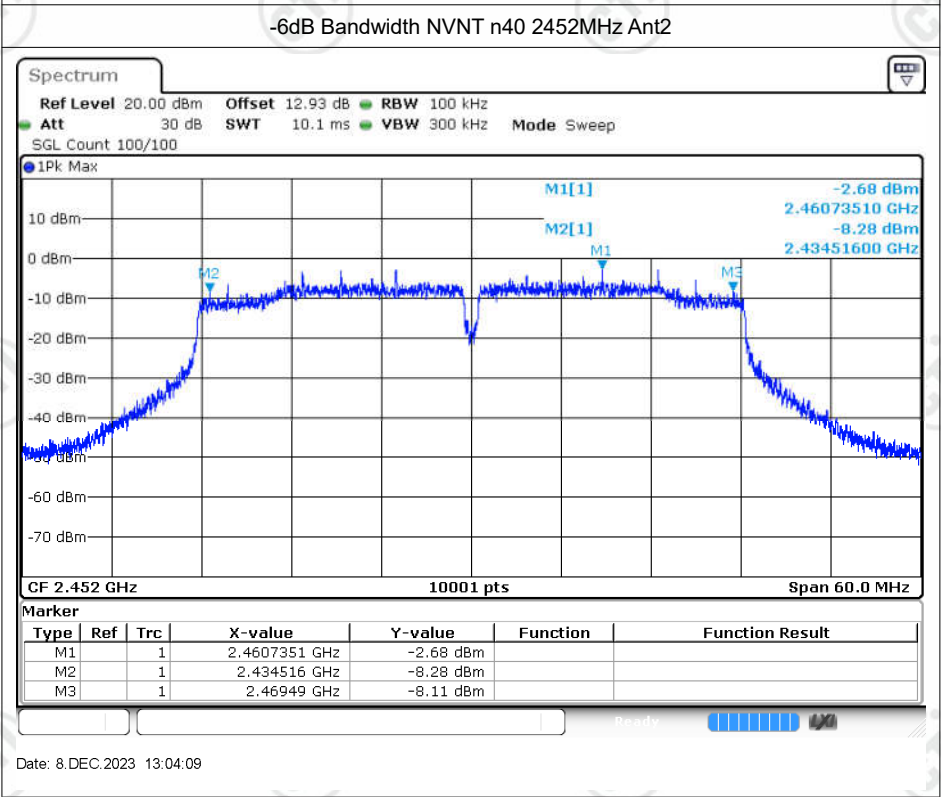
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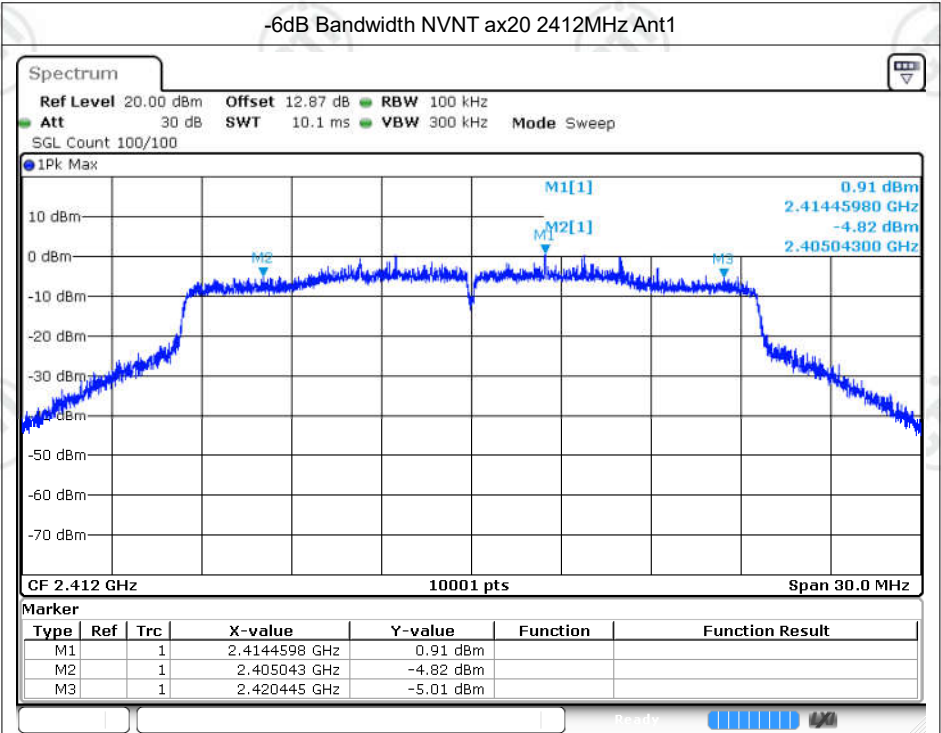
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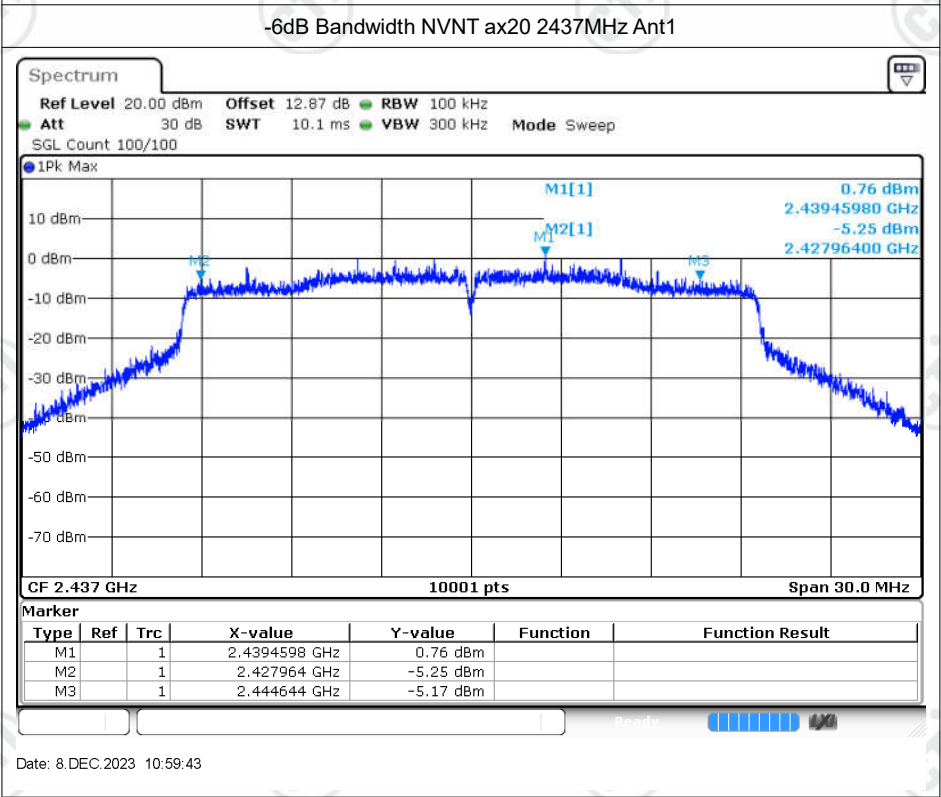
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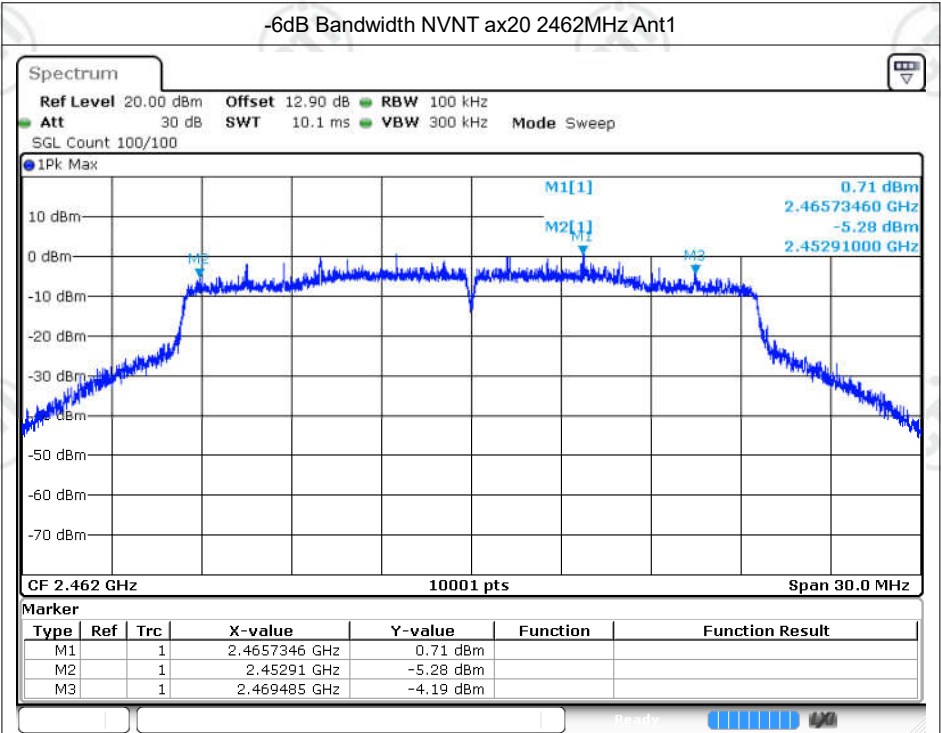
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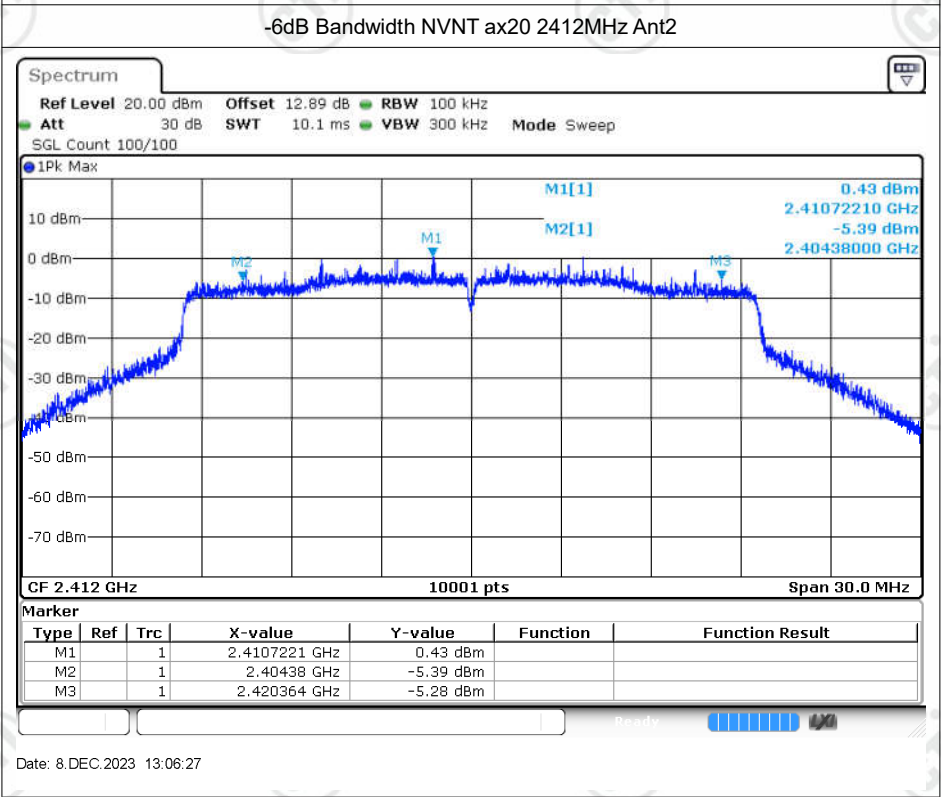
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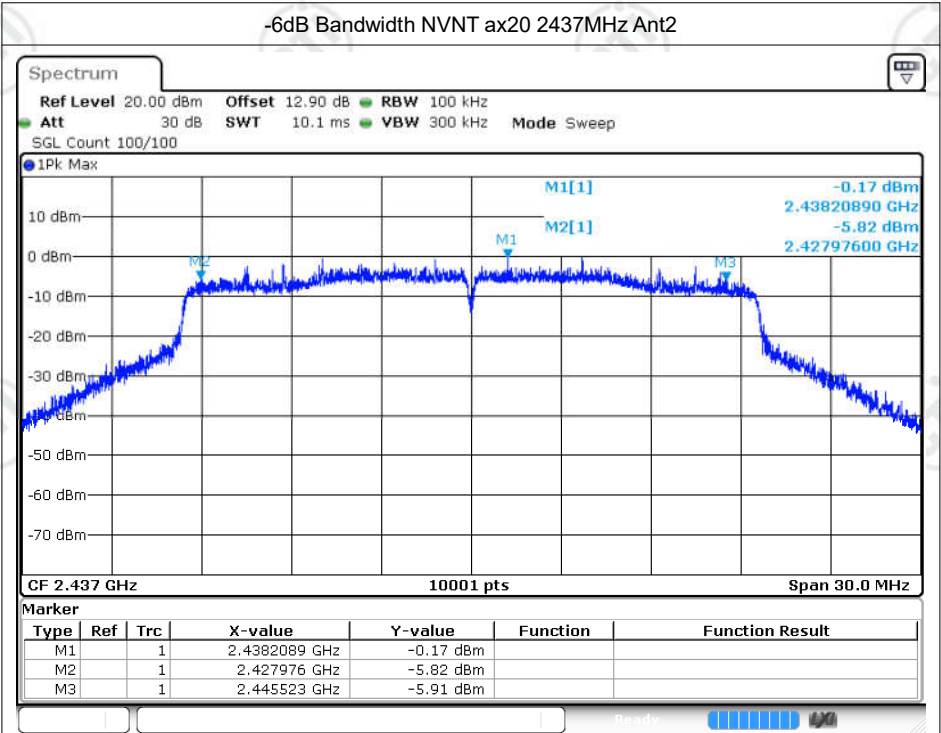
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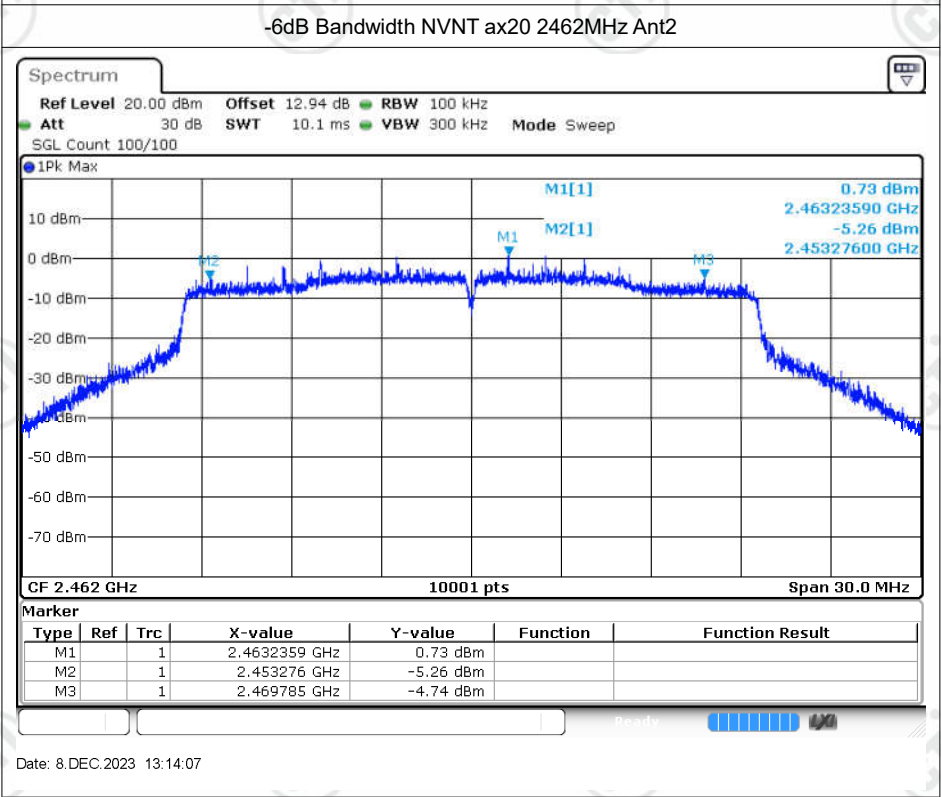
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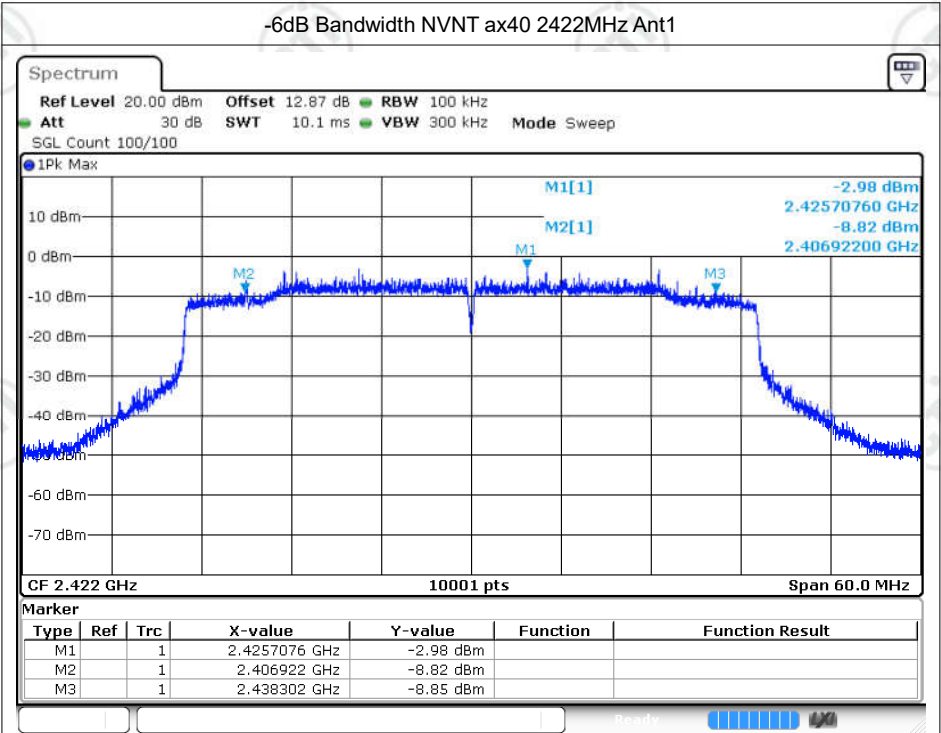
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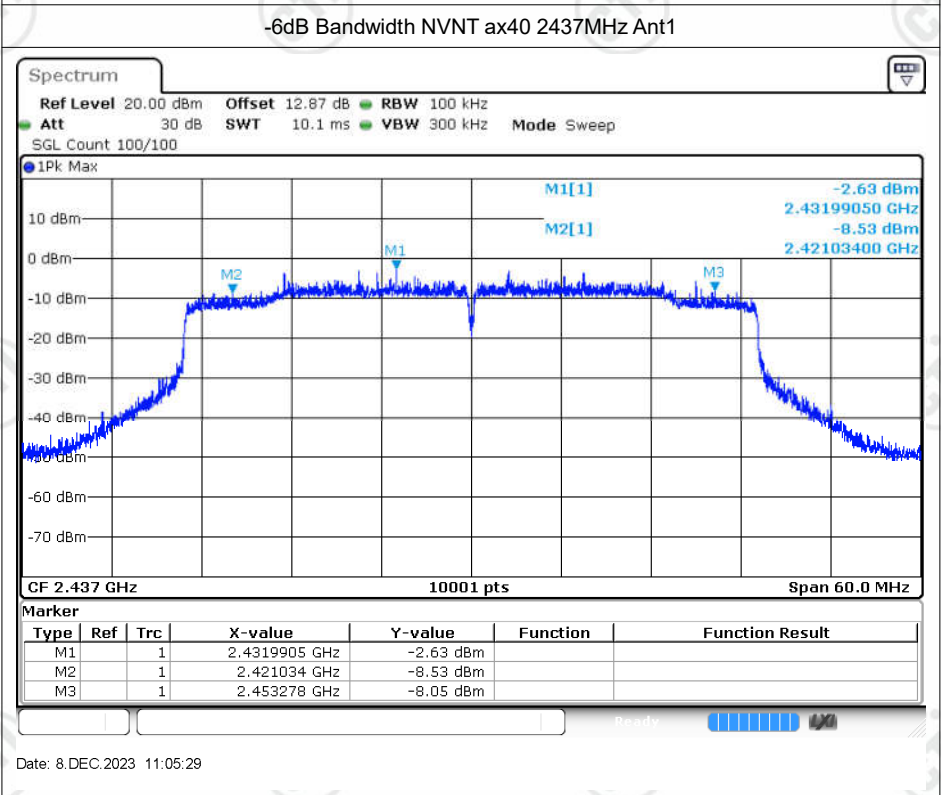
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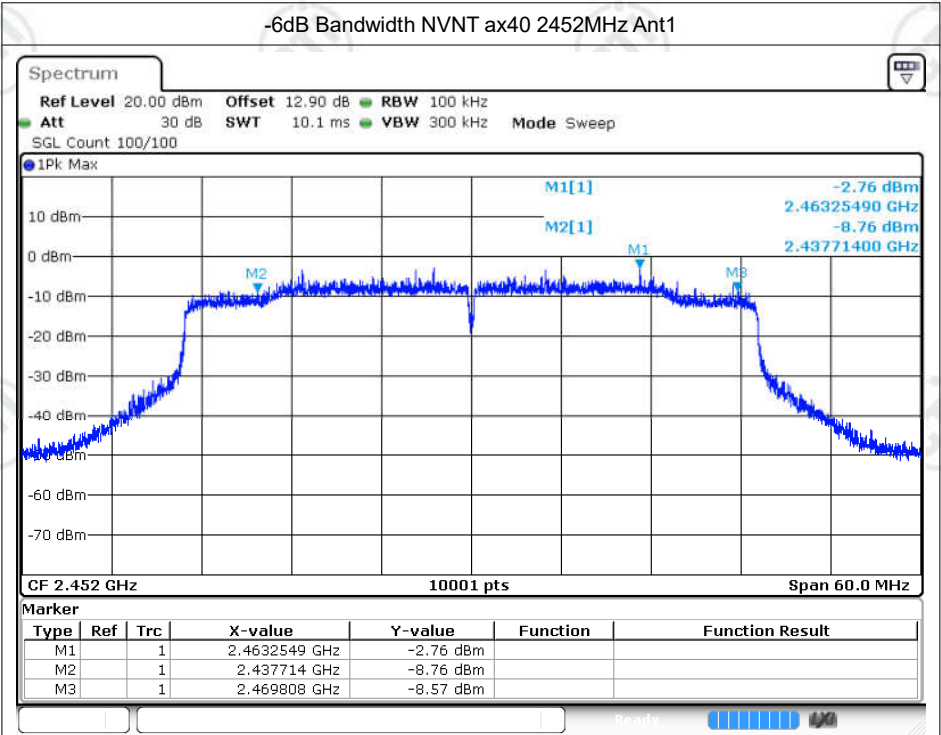
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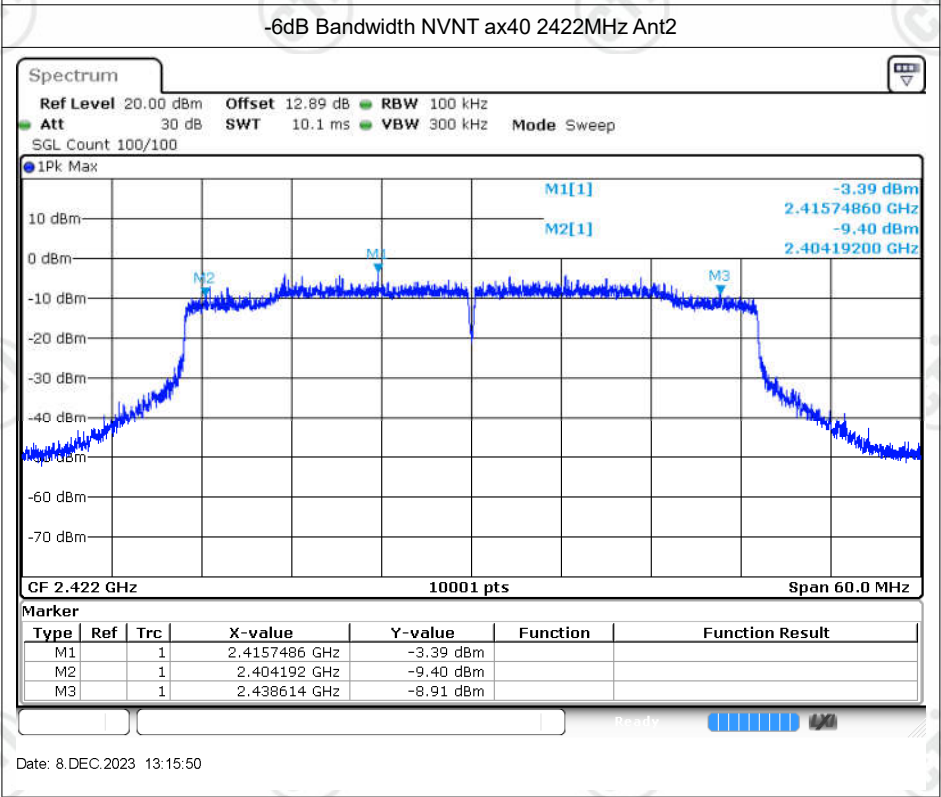
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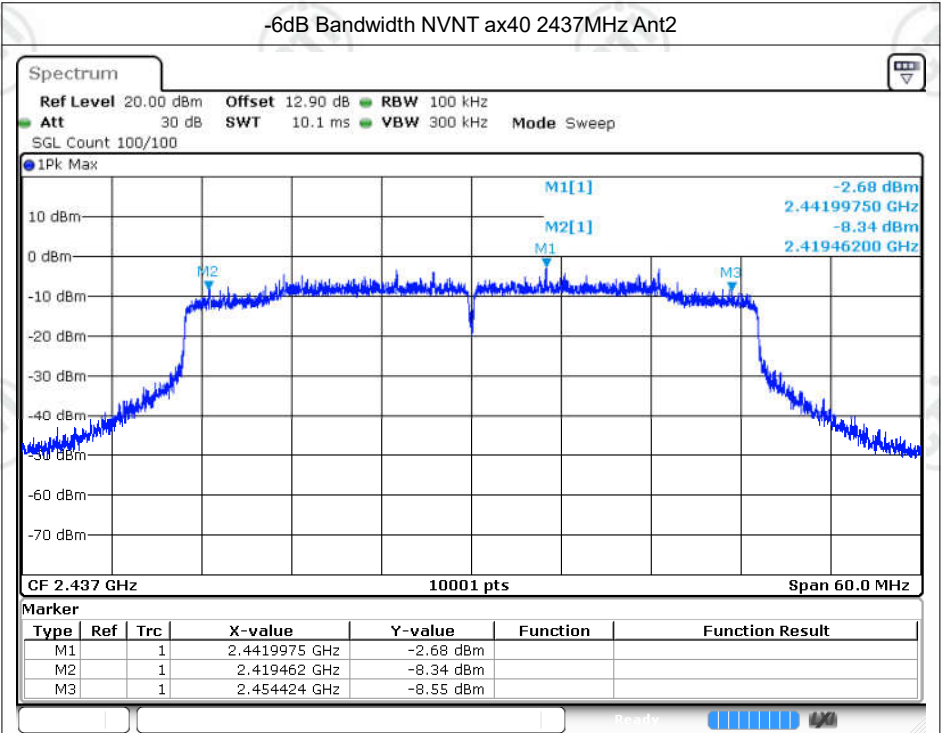
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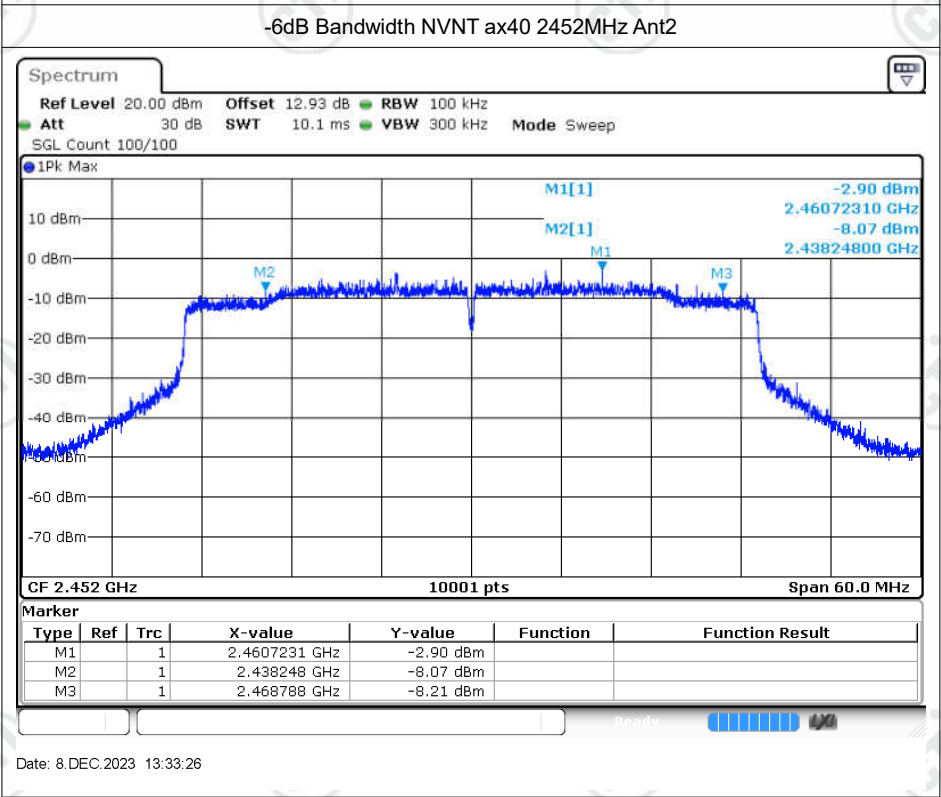
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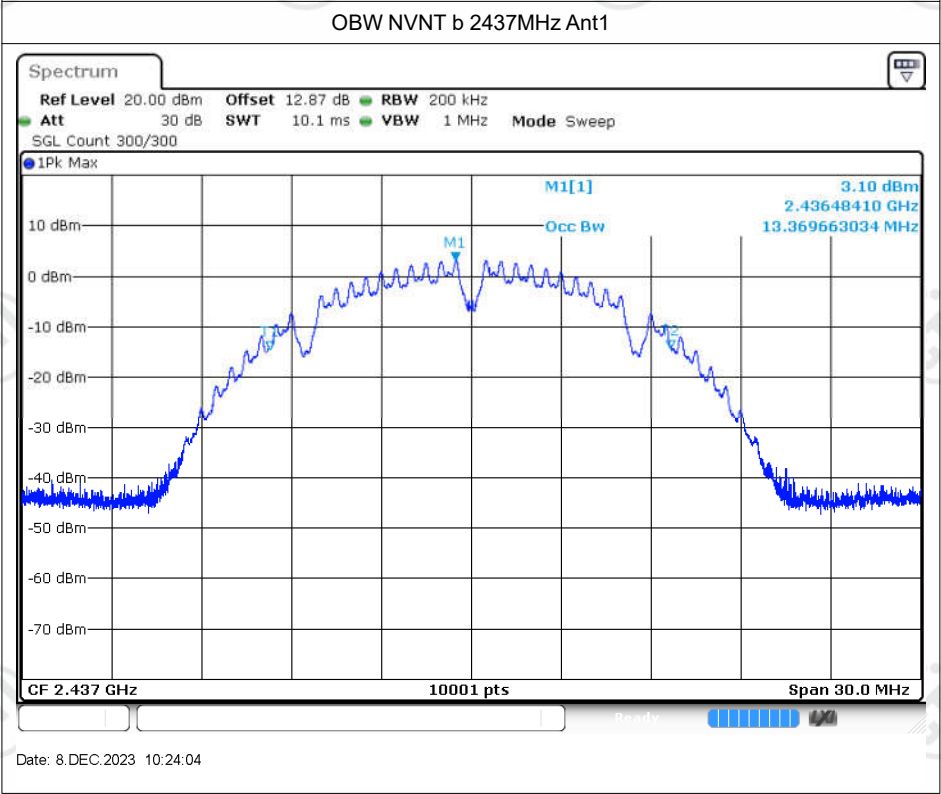
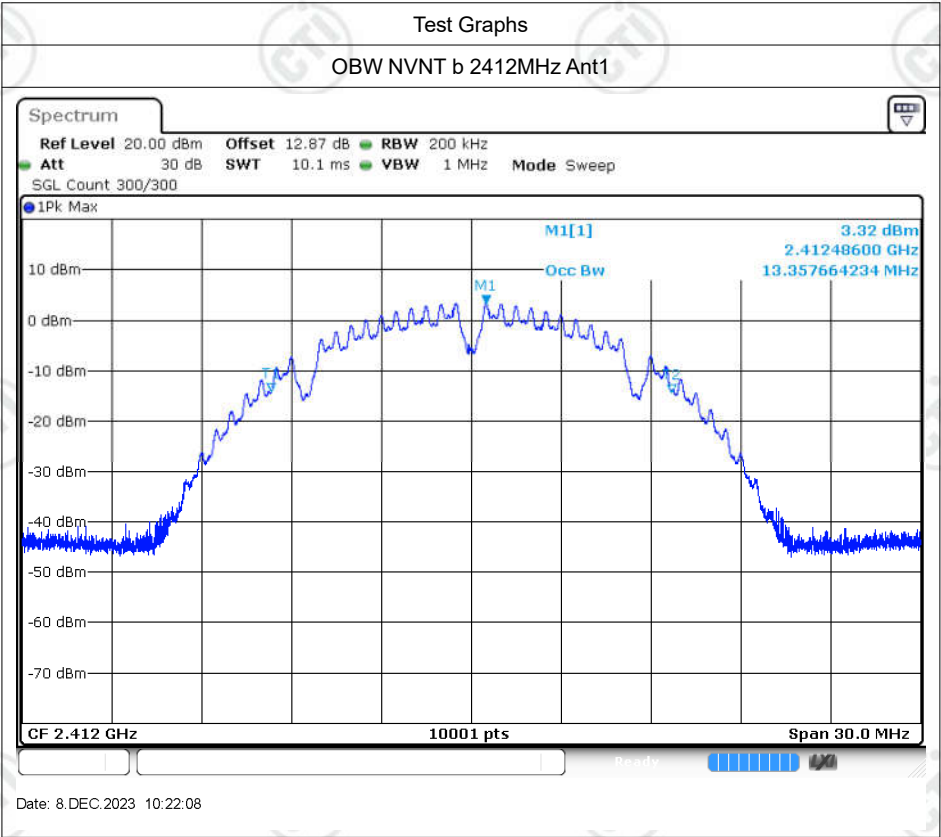
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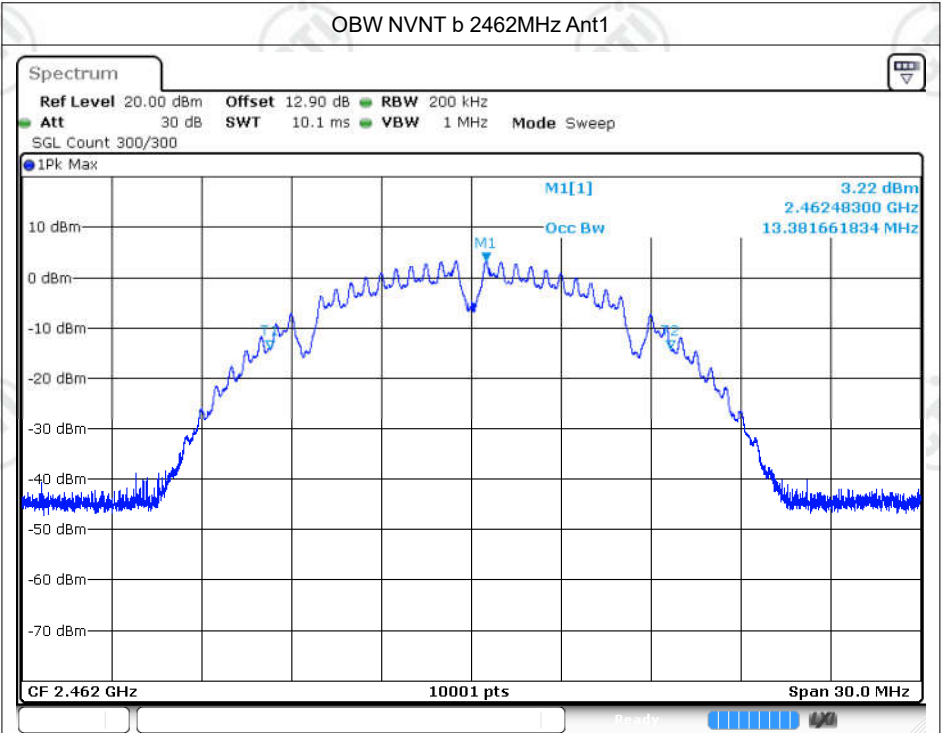


Date: 8.DEC.2023 13:33:26

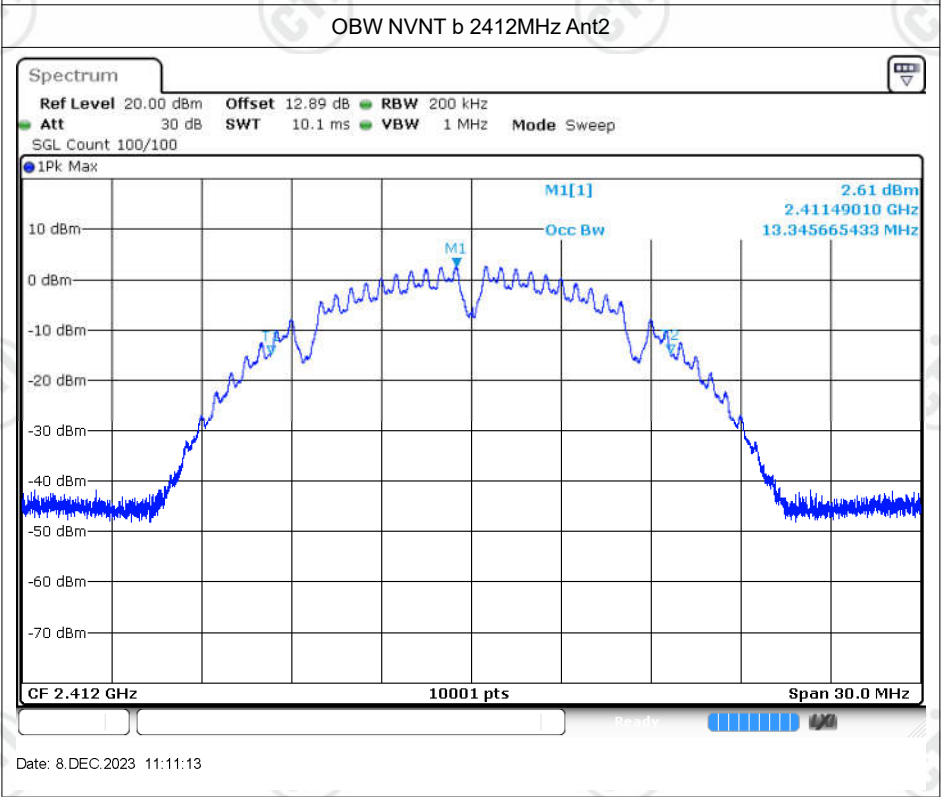
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.358
NVNT	b	2437	Ant1	13.37
NVNT	b	2462	Ant1	13.382
NVNT	b	2412	Ant2	13.346
NVNT	b	2437	Ant2	13.265
NVNT	b	2462	Ant2	13.334
NVNT	g	2412	Ant1	16.651
NVNT	g	2437	Ant1	16.639
NVNT	g	2462	Ant1	16.657
NVNT	g	2412	Ant2	16.594
NVNT	g	2437	Ant2	16.606
NVNT	g	2462	Ant2	16.624
NVNT	n20	2412	Ant1	17.713
NVNT	n20	2437	Ant1	17.713
NVNT	n20	2462	Ant1	17.737
NVNT	n20	2412	Ant2	17.707
NVNT	n20	2437	Ant2	17.704
NVNT	n20	2462	Ant2	17.719
NVNT	n40	2422	Ant1	35.954
NVNT	n40	2437	Ant1	35.954
NVNT	n40	2452	Ant1	35.954
NVNT	n40	2422	Ant2	35.972
NVNT	n40	2437	Ant2	35.966
NVNT	n40	2452	Ant2	35.96
NVNT	ax20	2412	Ant1	18.874
NVNT	ax20	2437	Ant1	18.88
NVNT	ax20	2462	Ant1	18.88
NVNT	ax20	2412	Ant2	18.874
NVNT	ax20	2437	Ant2	18.886
NVNT	ax20	2462	Ant2	18.88
NVNT	ax40	2422	Ant1	37.388
NVNT	ax40	2437	Ant1	37.442
NVNT	ax40	2452	Ant1	37.406
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NVNT	ax40	2452	Ant2	37.436

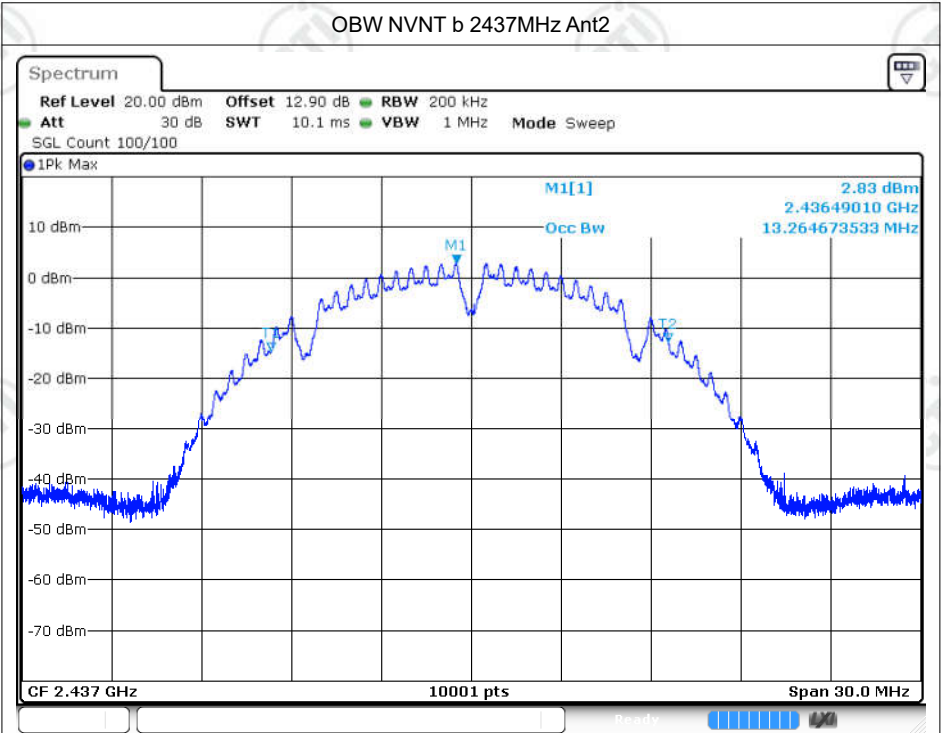




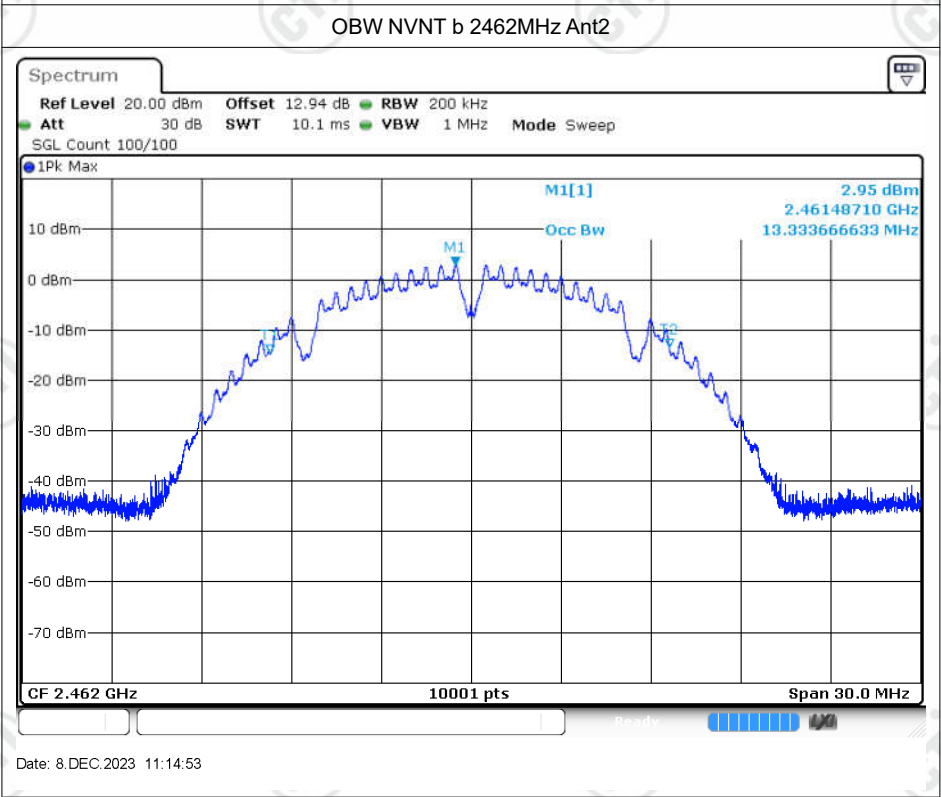
Date: 8.DEC.2023 10:26:01



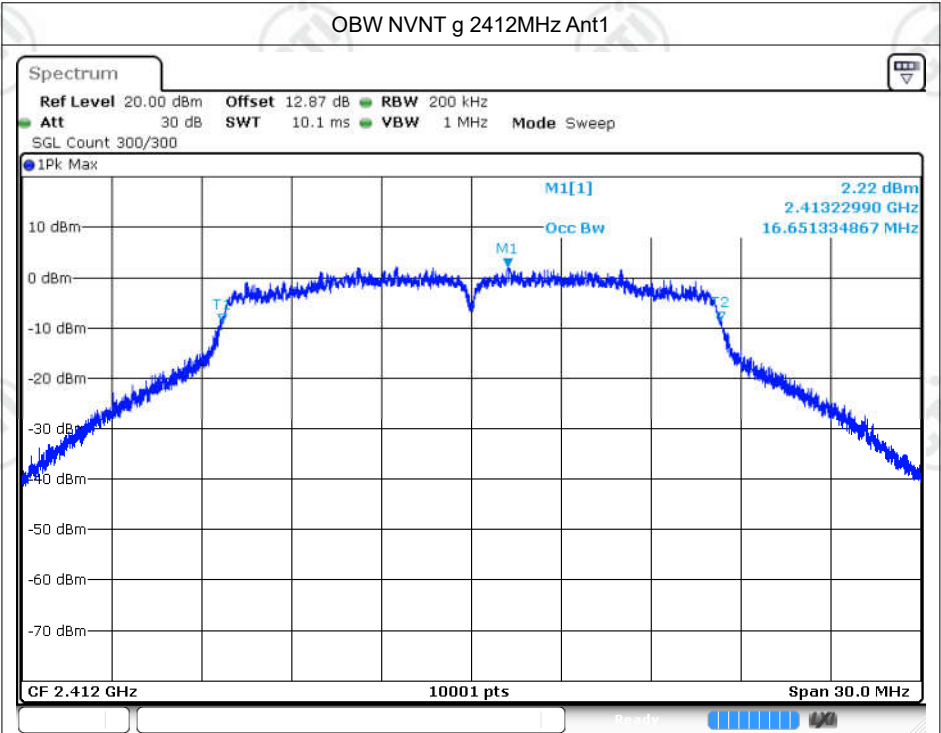
Date: 8.DEC.2023 11:11:13



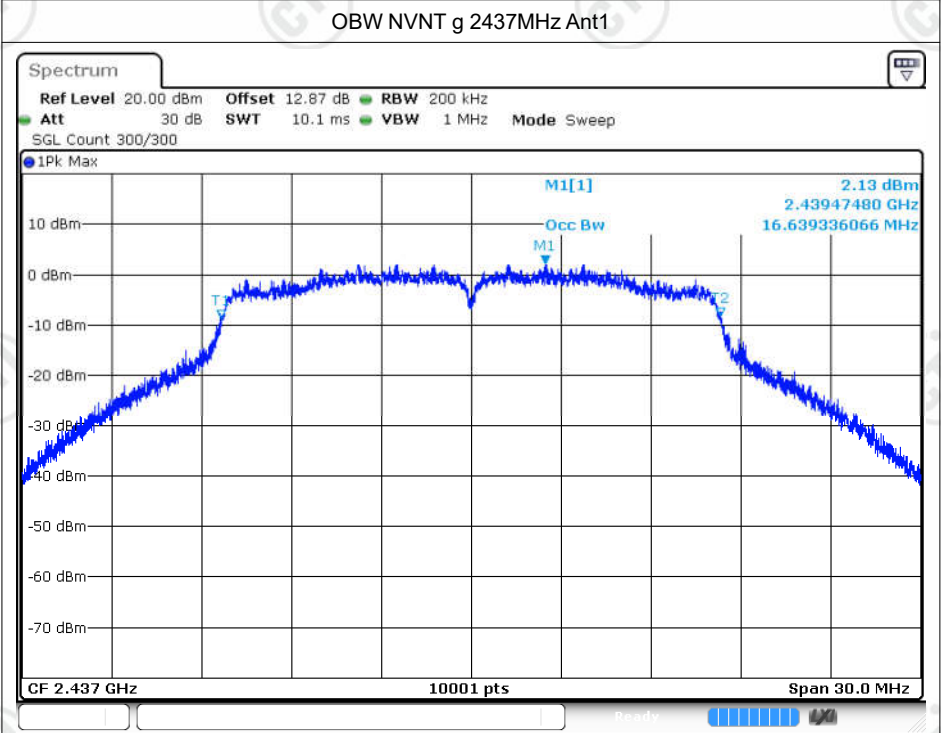
Date: 8.DEC.2023 11:13:30



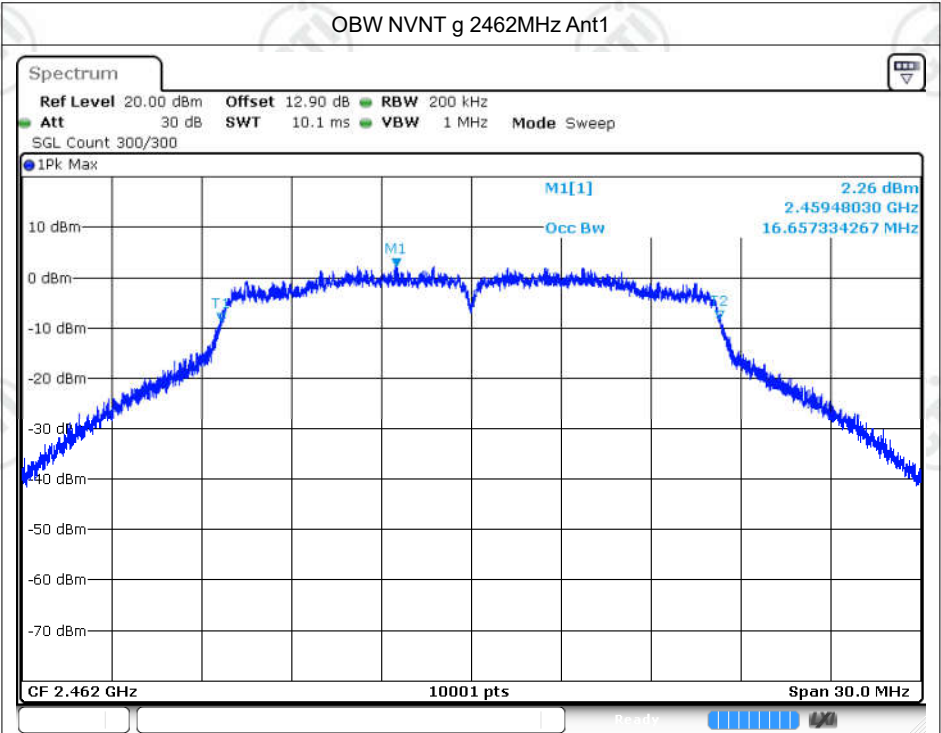
Date: 8.DEC.2023 11:14:53



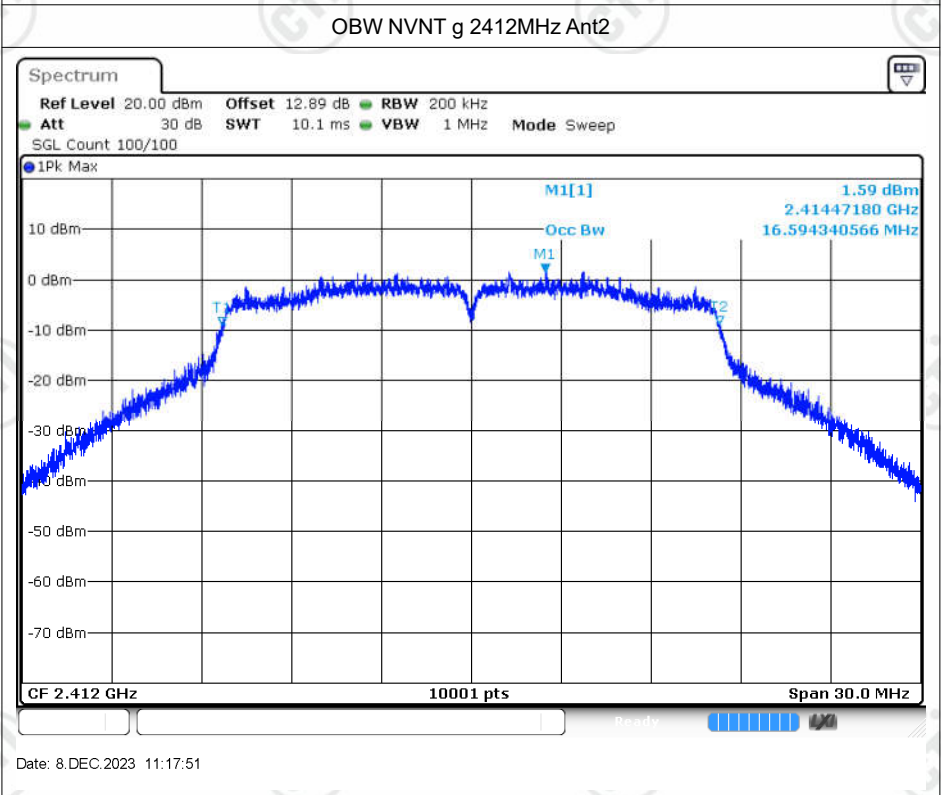
Date: 8.DEC.2023 10:28:29



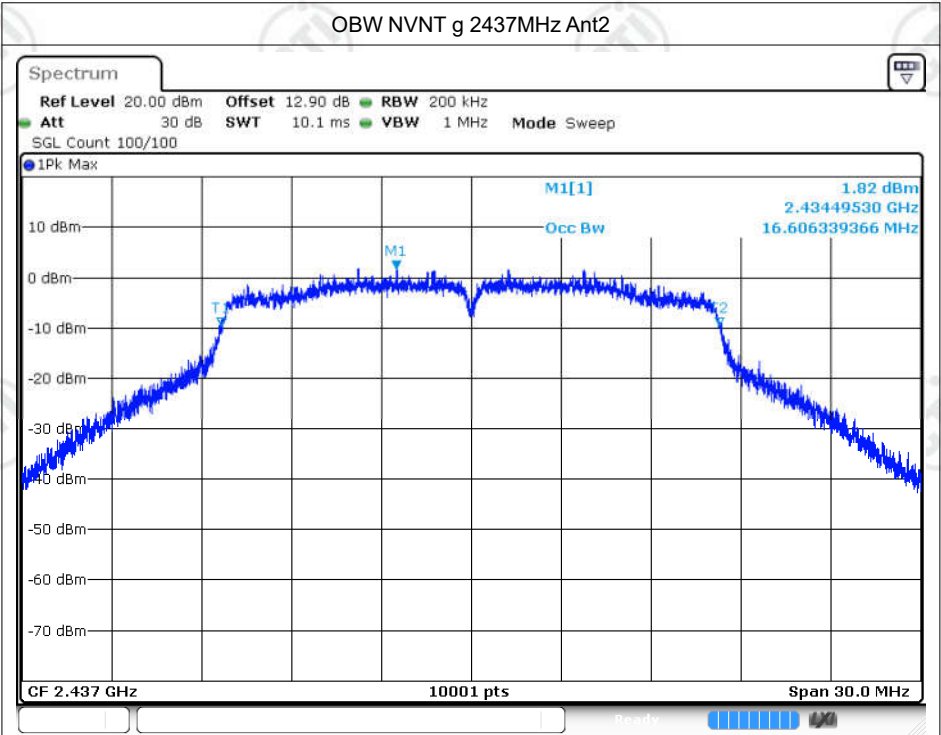
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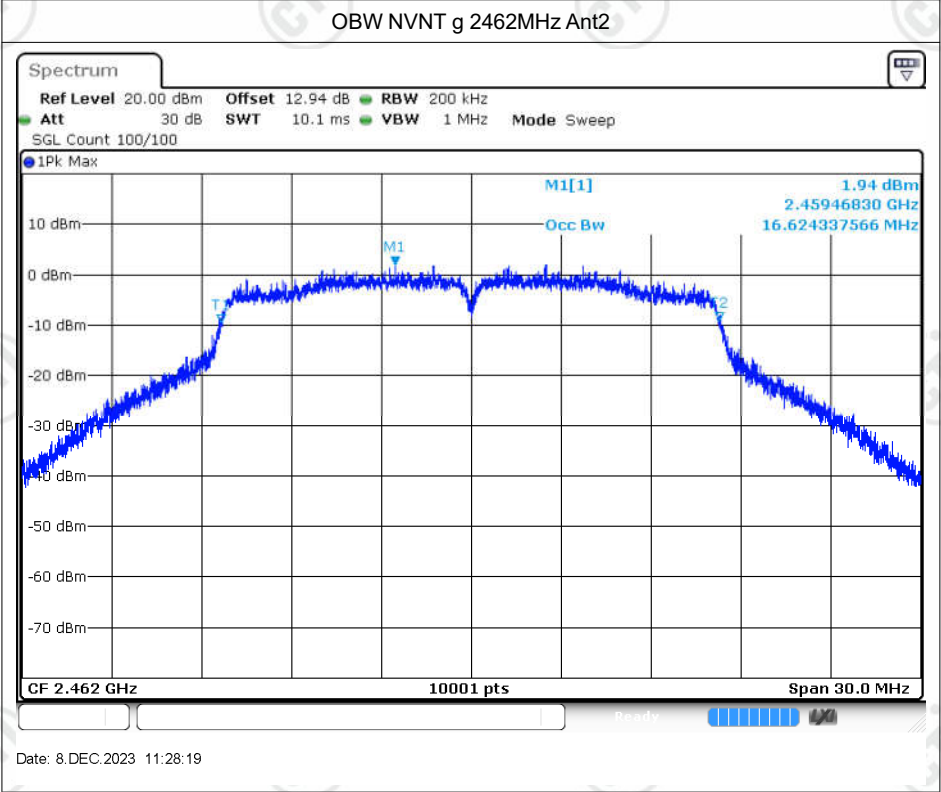
Date: 8.DEC.2023 10:31:58



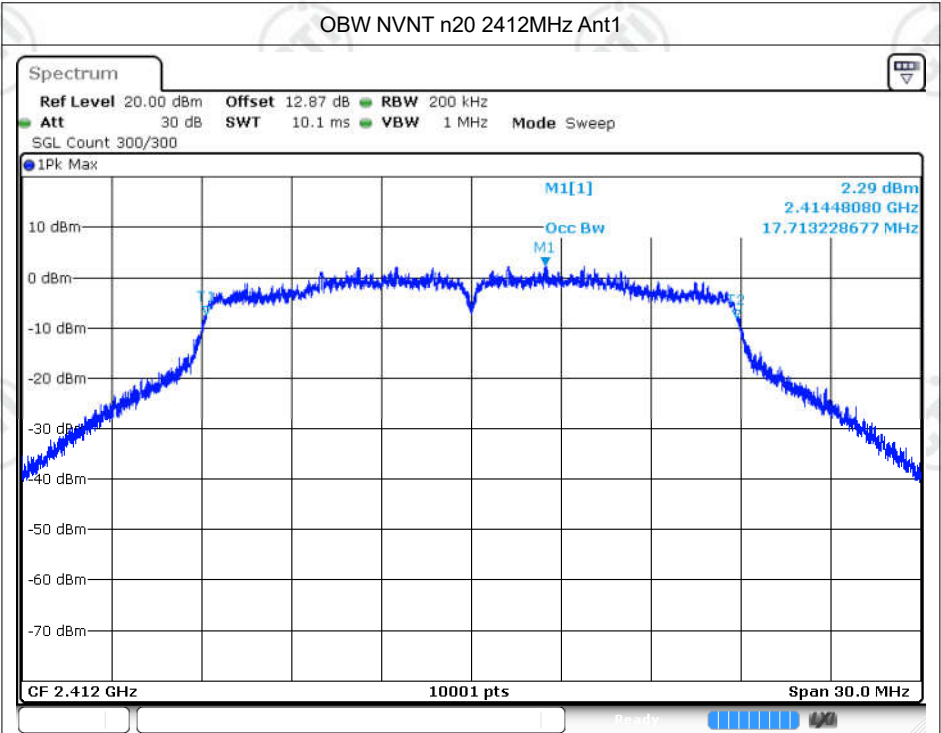
Date: 8.DEC.2023 11:17:51



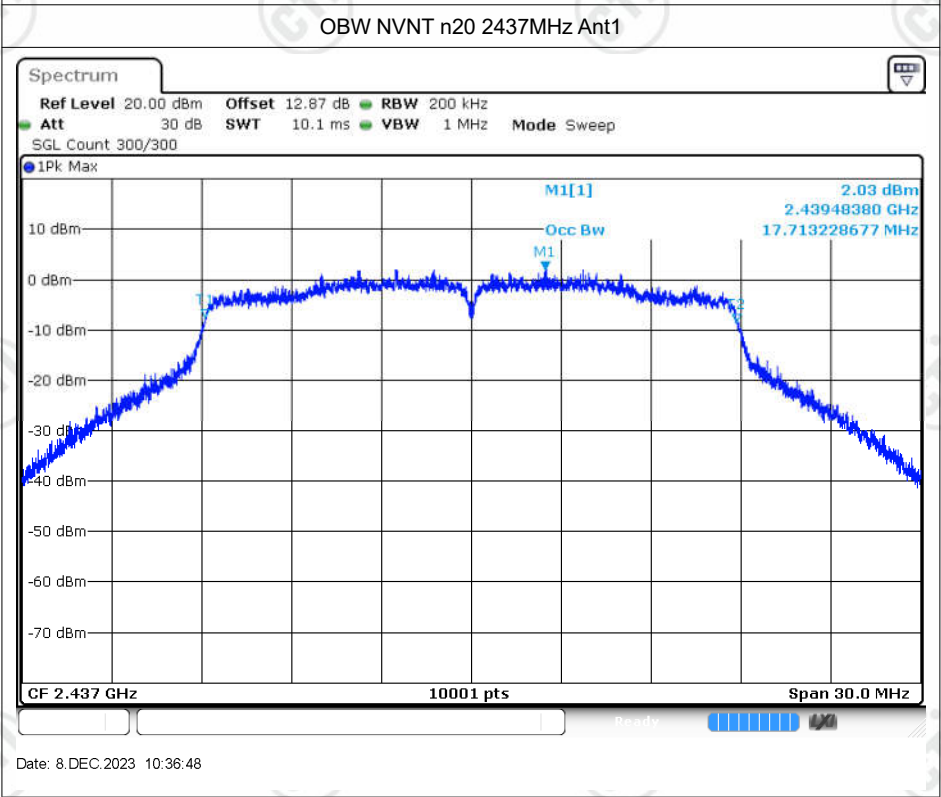
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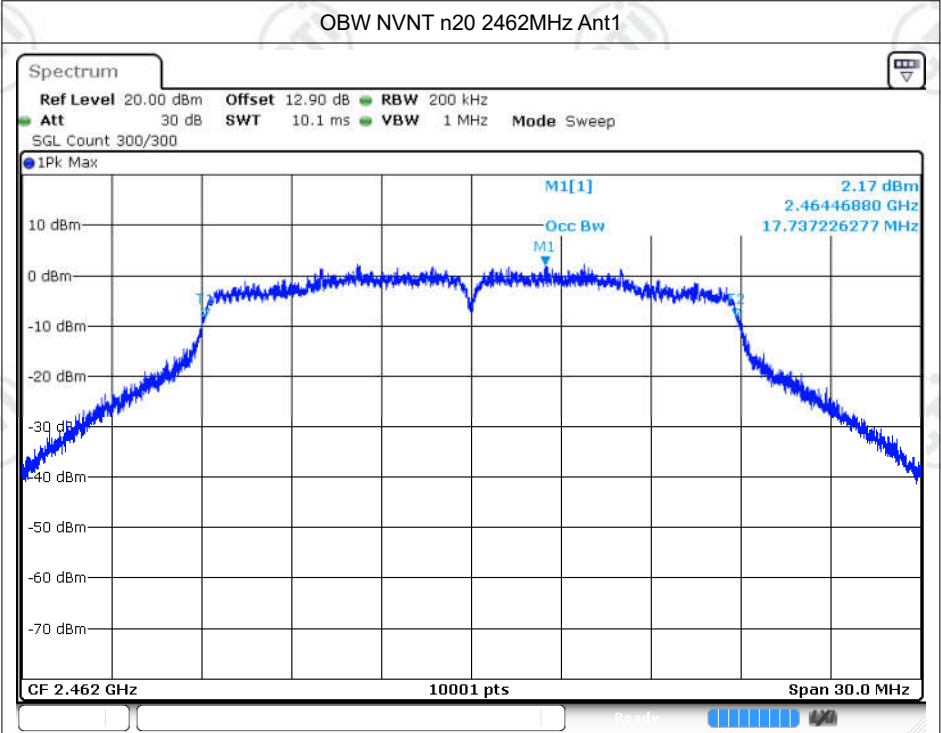
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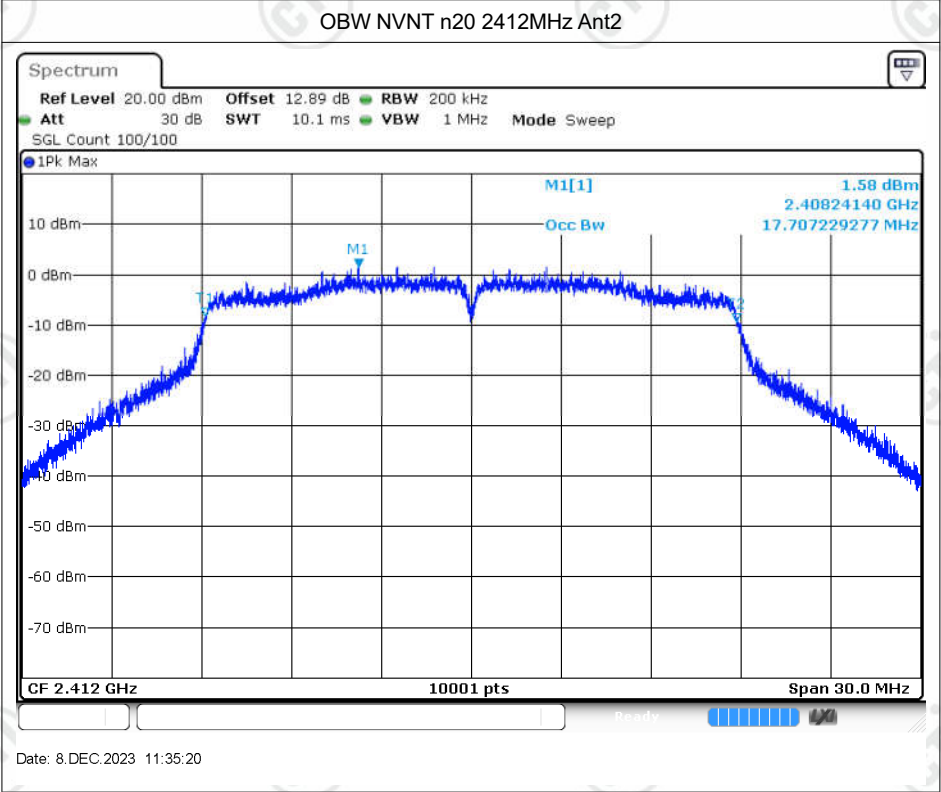
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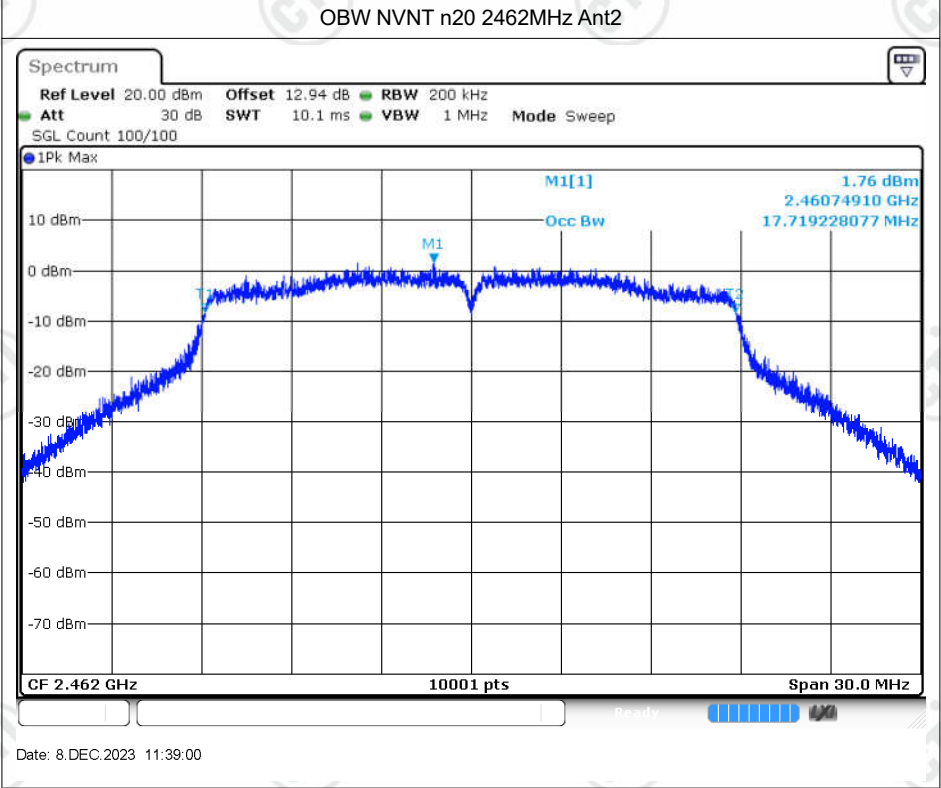
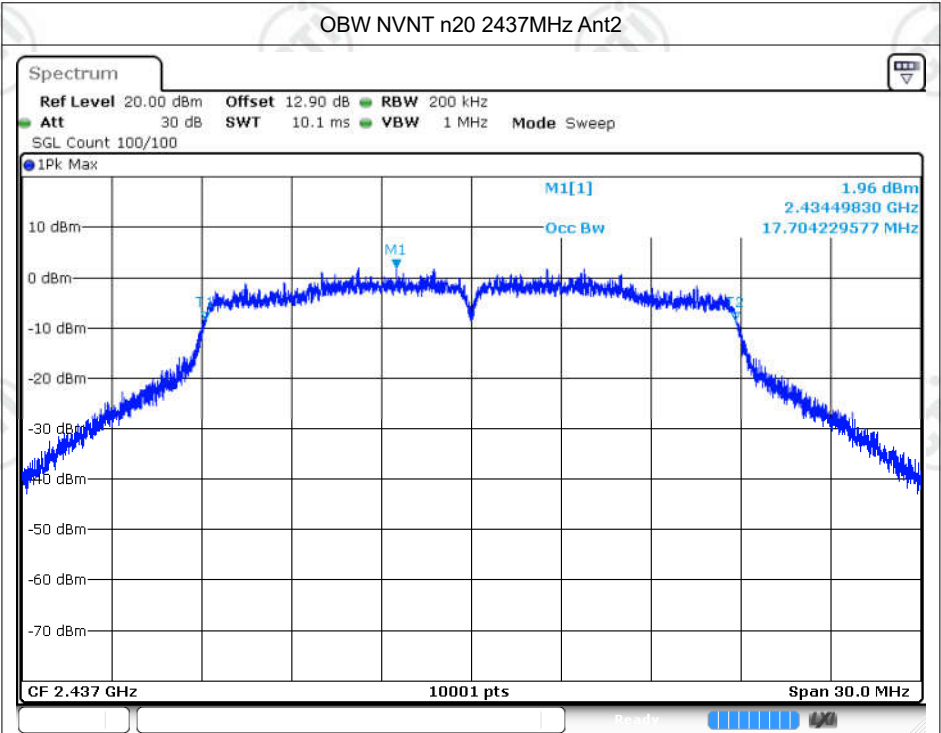
Date: 8.DEC.2023 10:36:48

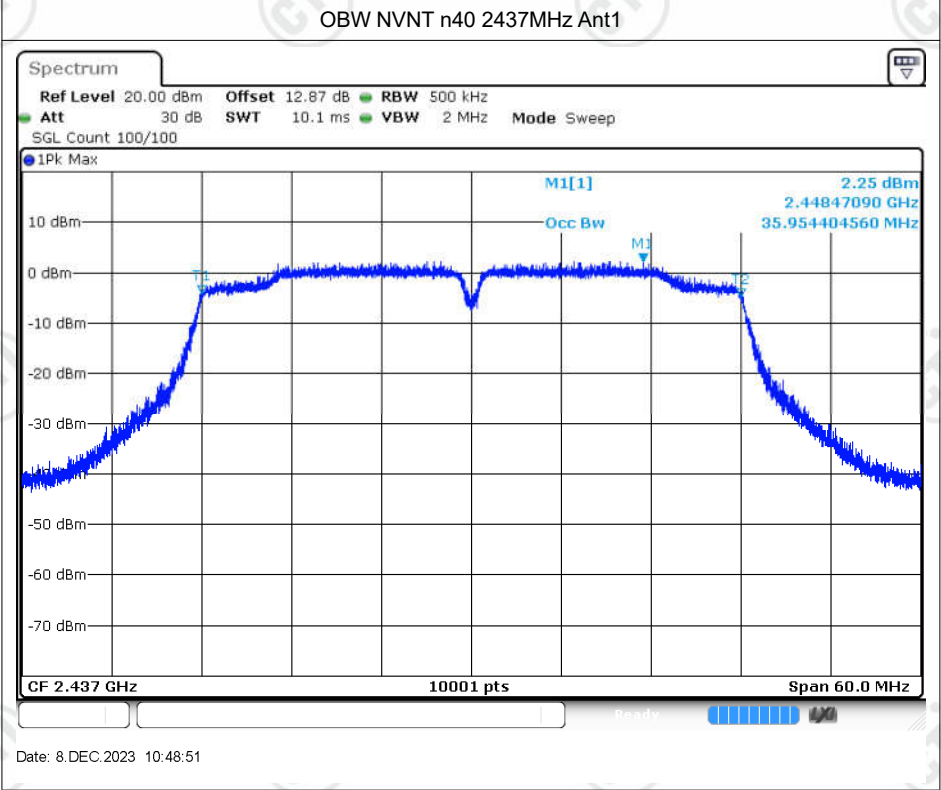
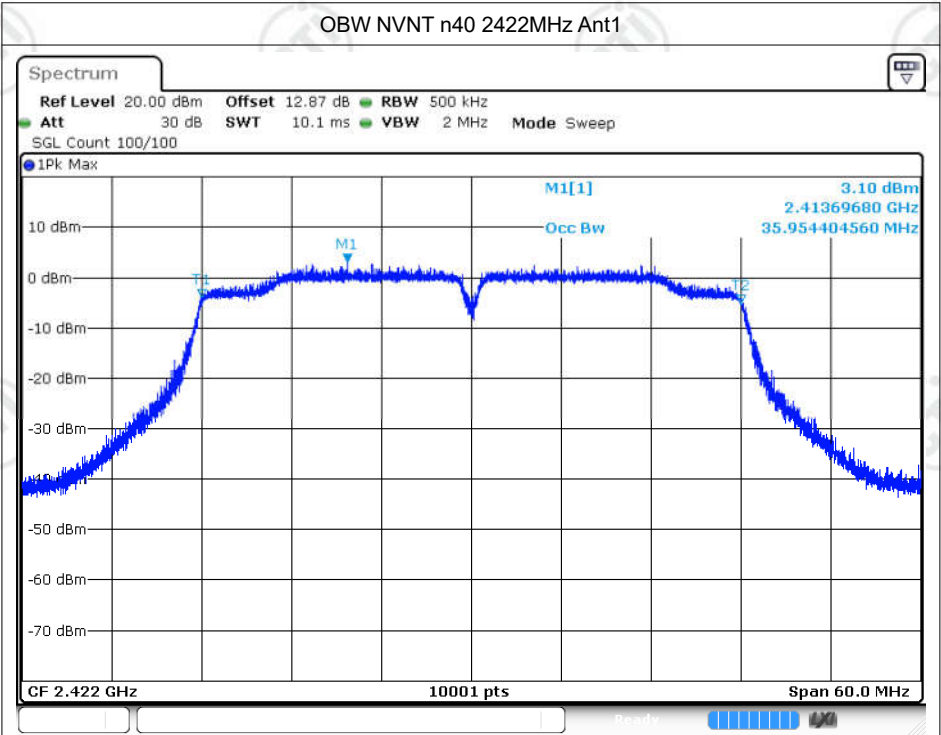


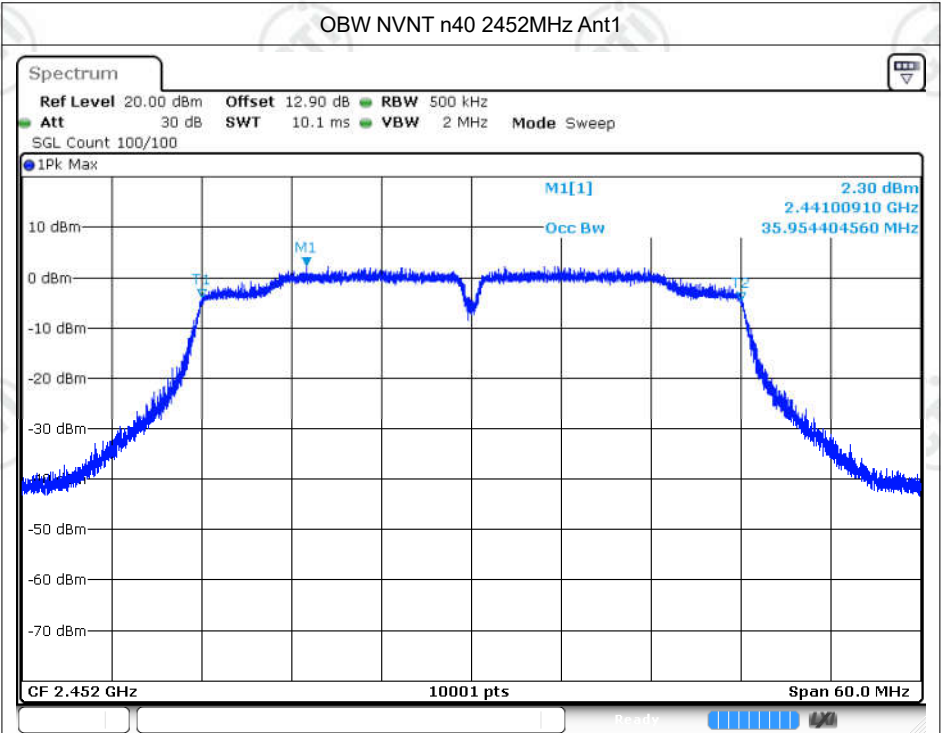
Date: 8.DEC.2023 10:42:53



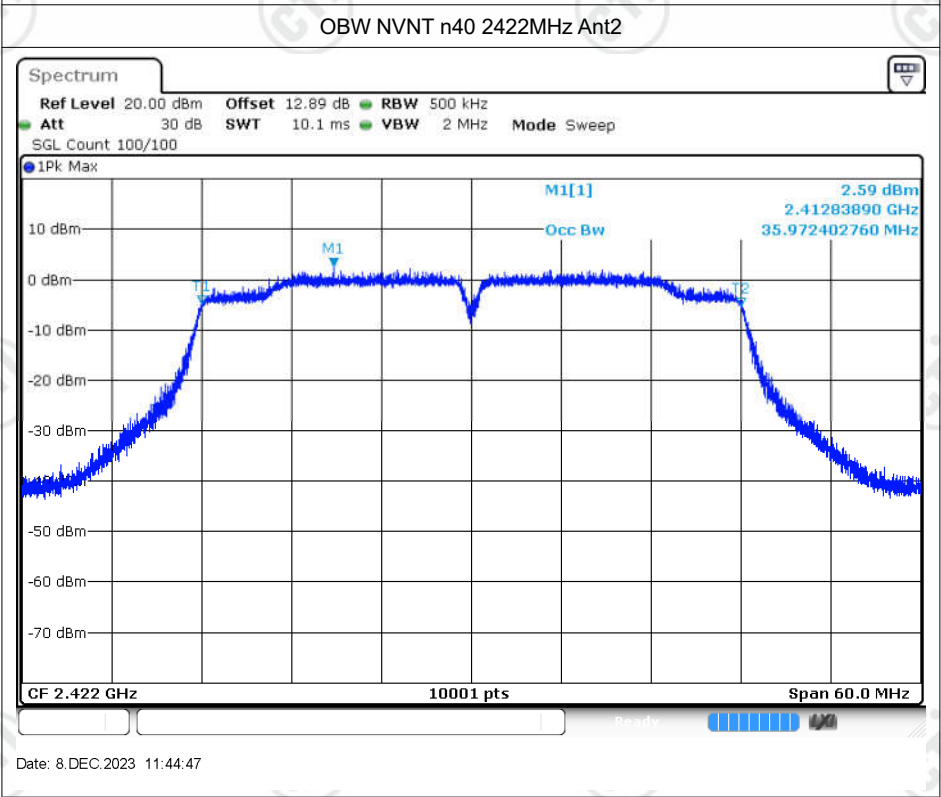
Date: 8.DEC.2023 11:35:20



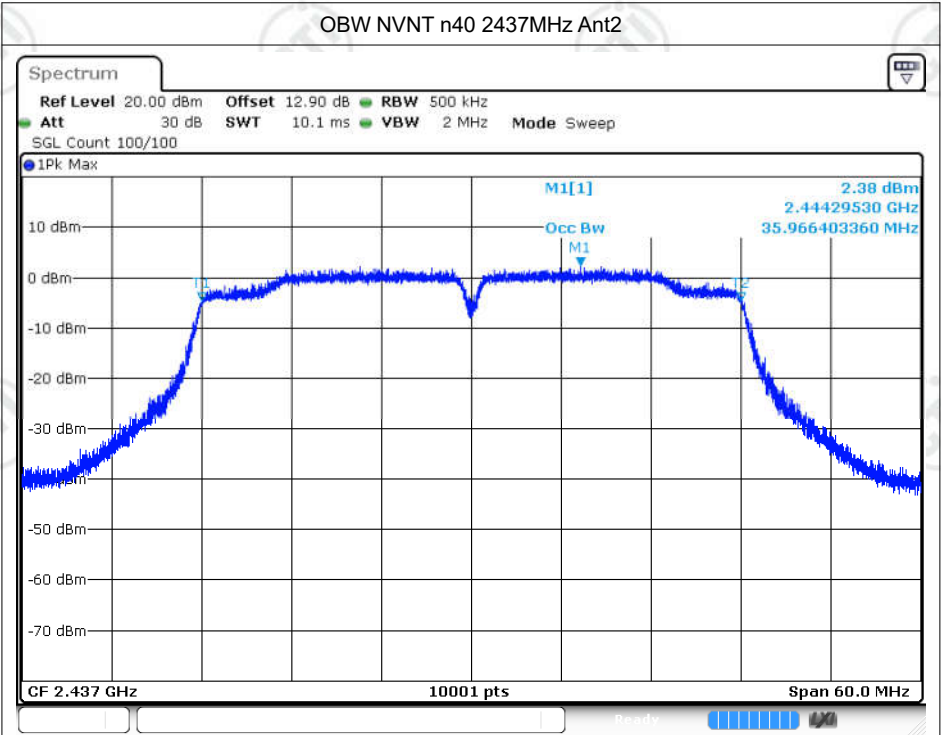




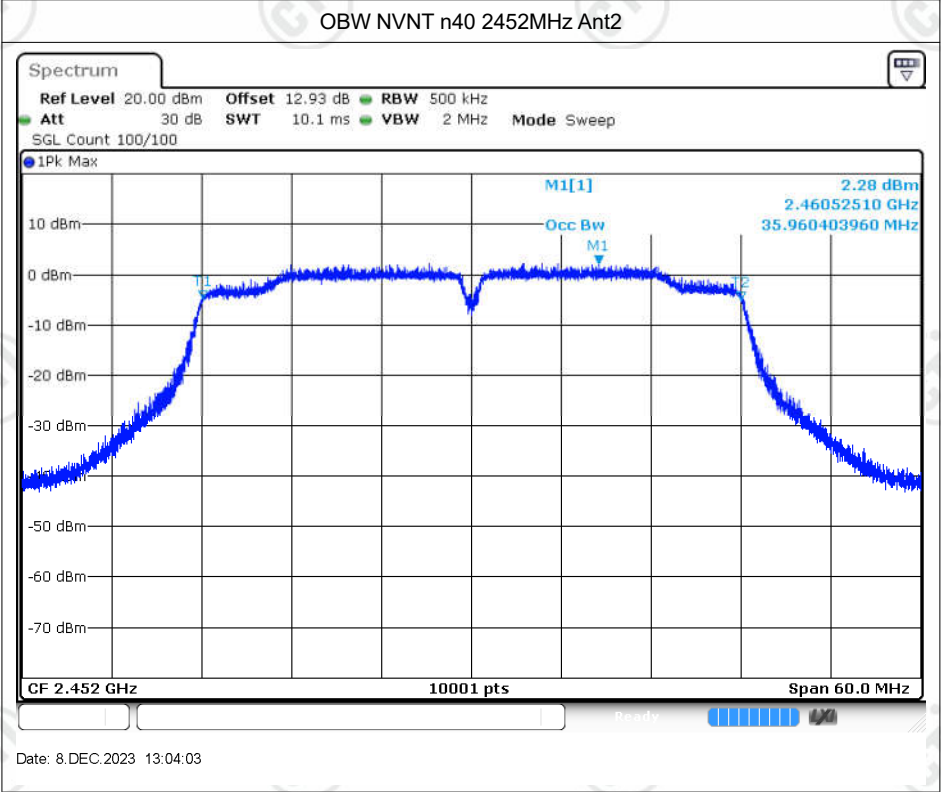
Date: 8.DEC.2023 10:51:22



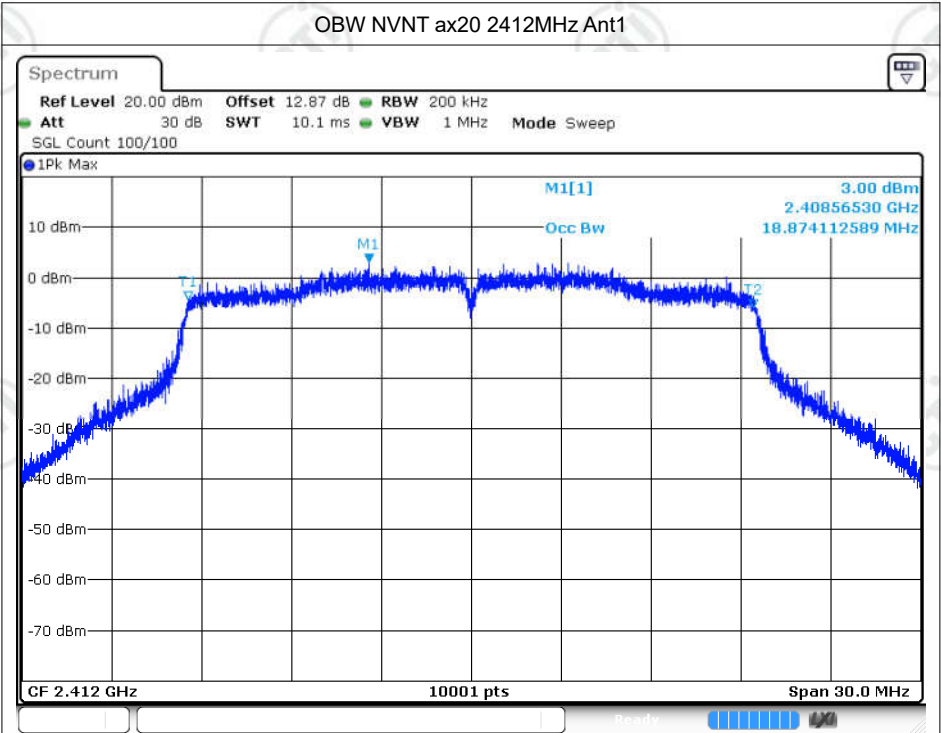
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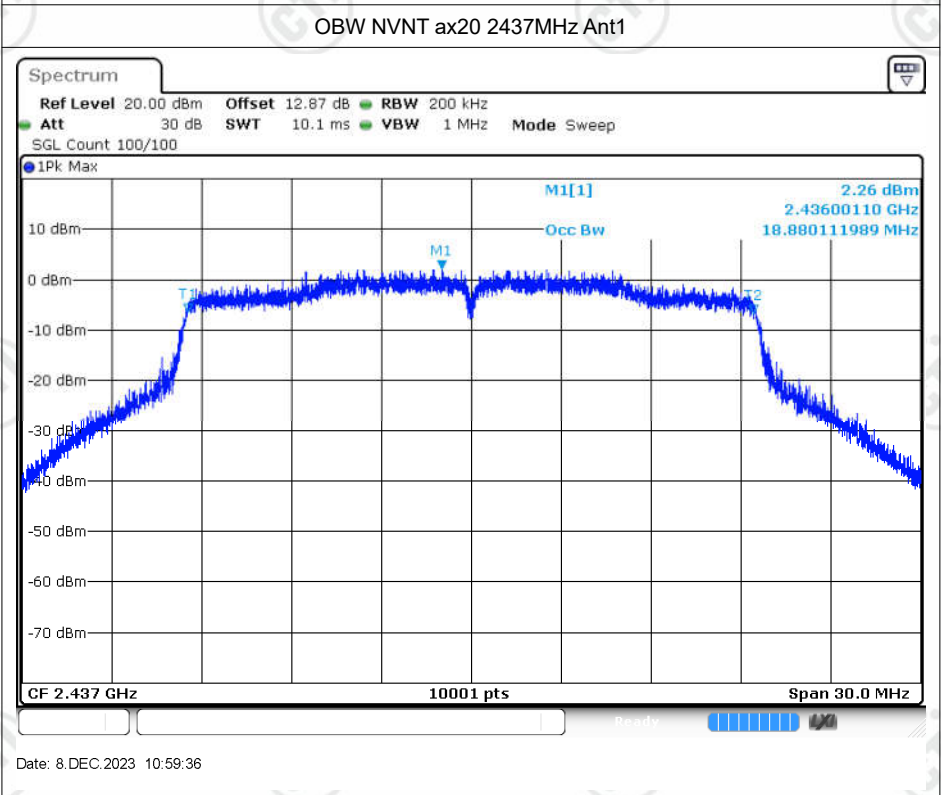
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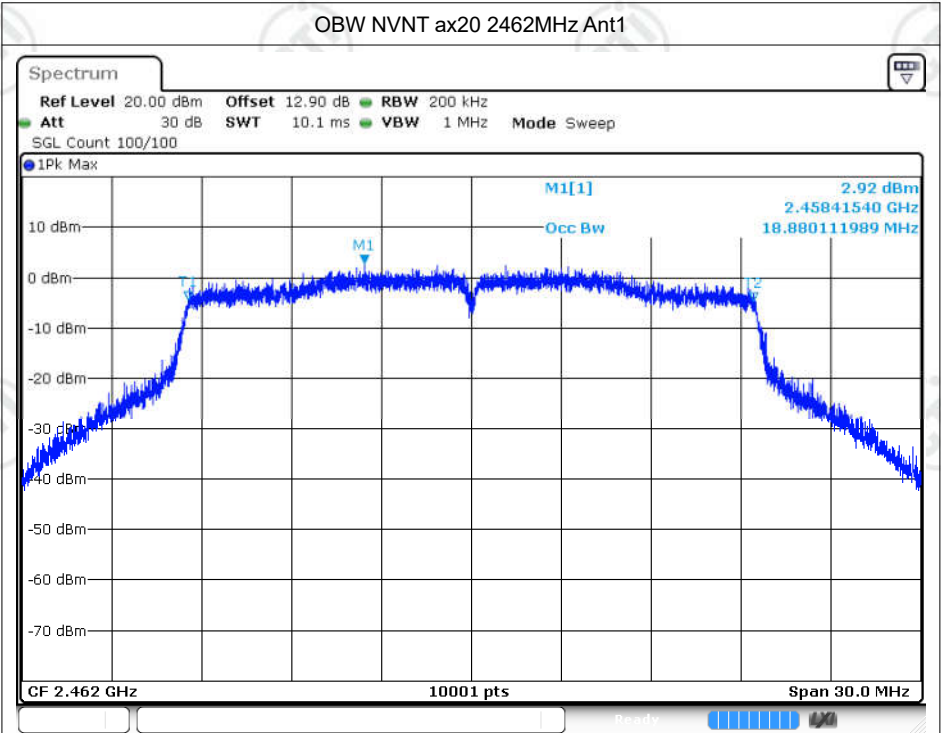
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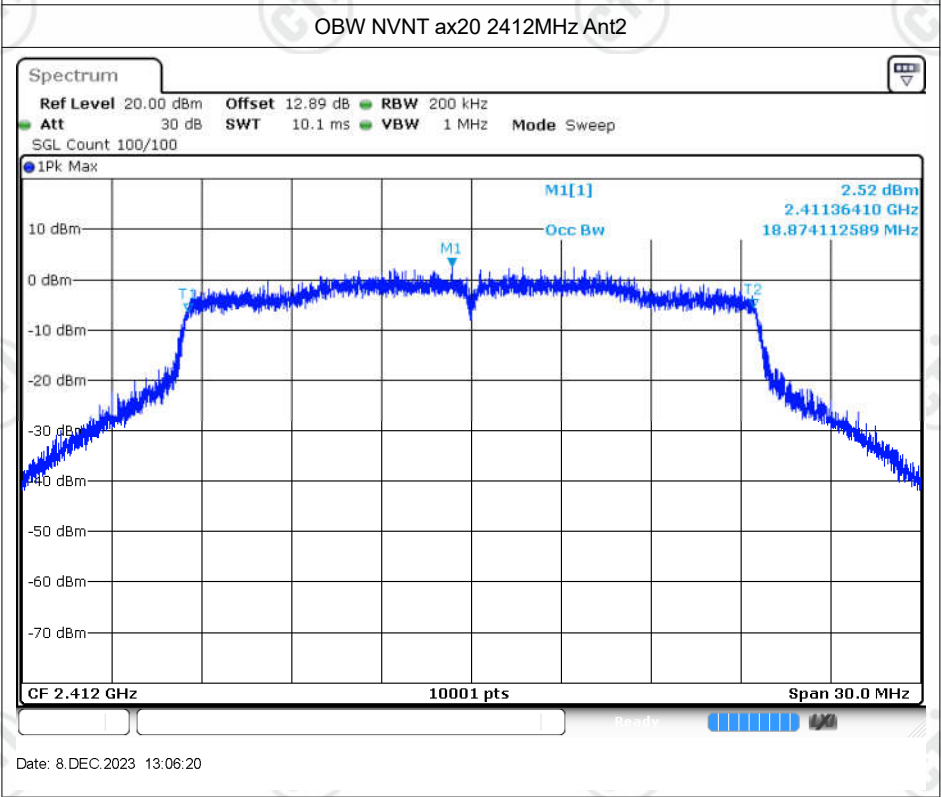
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