

Appendix: 2.4G Wi-Fi

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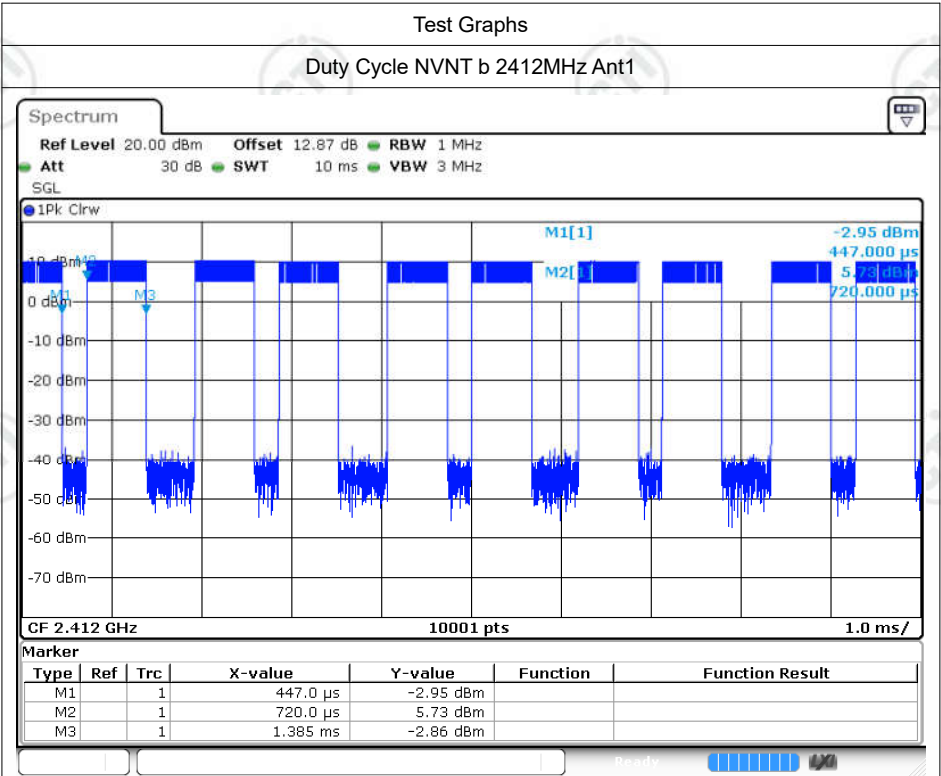
Maximum Power Spectral Density Level 44

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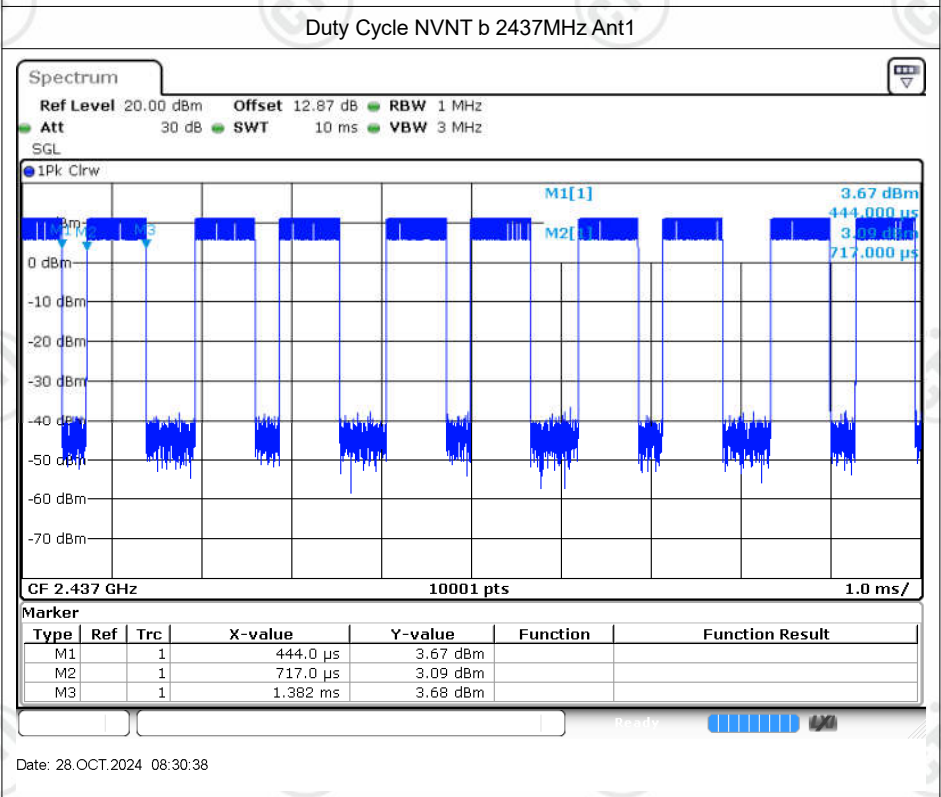
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Duty Cycle

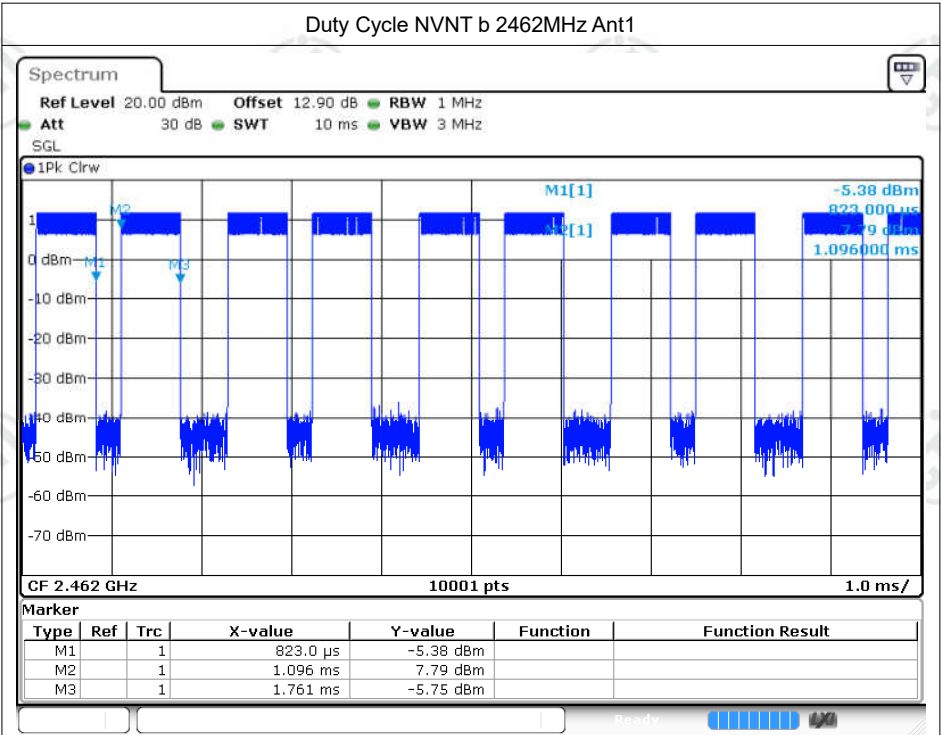
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	70.9	1.49	1.5
NVNT	b	2437	Ant1	70.9	1.49	1.5
NVNT	b	2462	Ant1	70.9	1.49	1.5
NVNT	b	2412	Ant2	71	1.49	1.5
NVNT	b	2437	Ant2	70.9	1.49	1.5
NVNT	b	2462	Ant2	70.33	1.53	1.5
NVNT	g	2412	Ant1	96.21	0.17	0.51
NVNT	g	2437	Ant1	96.56	0.15	0.51
NVNT	g	2462	Ant1	96.13	0.17	0.51
NVNT	g	2412	Ant2	96.56	0.15	0.51
NVNT	g	2437	Ant2	94.96	0.22	0.51
NVNT	g	2462	Ant2	95.79	0.19	0.51
NVNT	n20	2412	Ant1	94.81	0.23	0.18
NVNT	n20	2437	Ant1	94.86	0.23	0.18
NVNT	n20	2462	Ant1	94.86	0.23	0.18
NVNT	n20	2412	Ant2	93.11	0.31	0.18
NVNT	n20	2437	Ant2	94.86	0.23	0.18
NVNT	n20	2462	Ant2	94.71	0.24	0.18
NVNT	n40	2422	Ant1	94.84	0.23	0.18
NVNT	n40	2437	Ant1	94.68	0.24	0.18
NVNT	n40	2452	Ant1	94.68	0.24	0.18
NVNT	n40	2422	Ant2	94.6	0.24	0.18
NVNT	n40	2437	Ant2	93.54	0.29	0.18
NVNT	n40	2452	Ant2	94.76	0.23	0.18



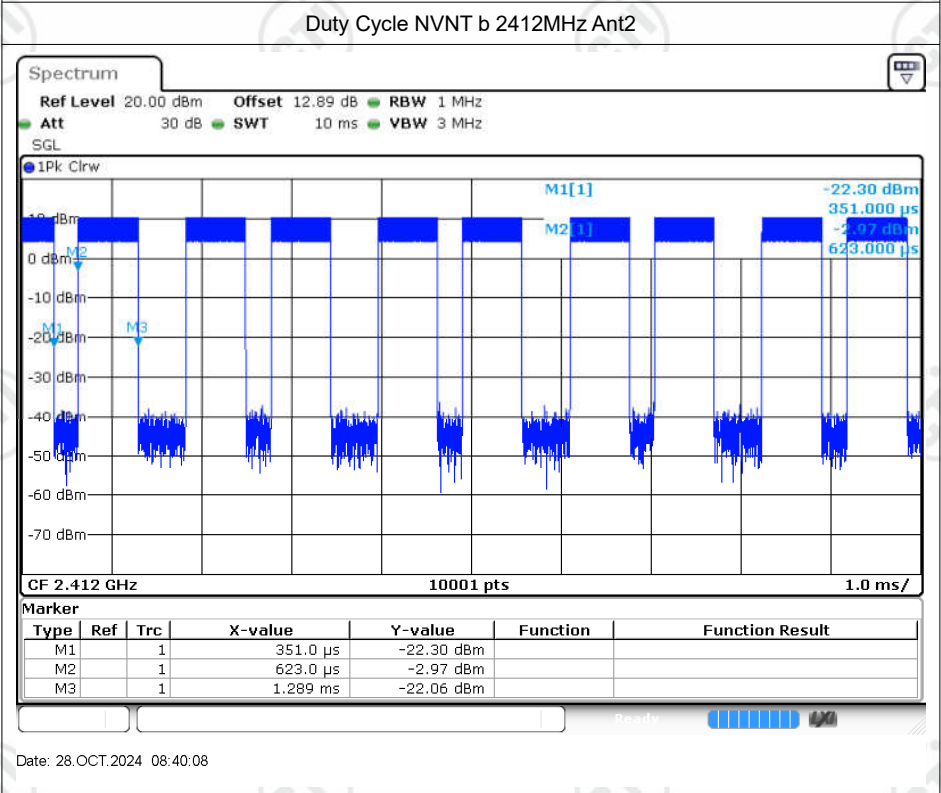
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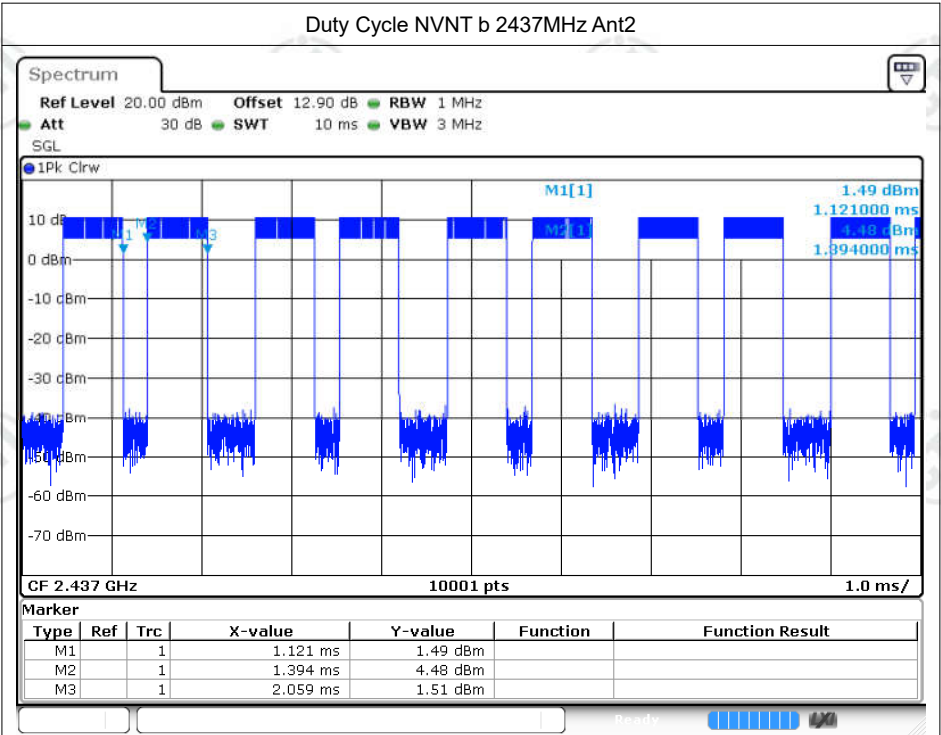
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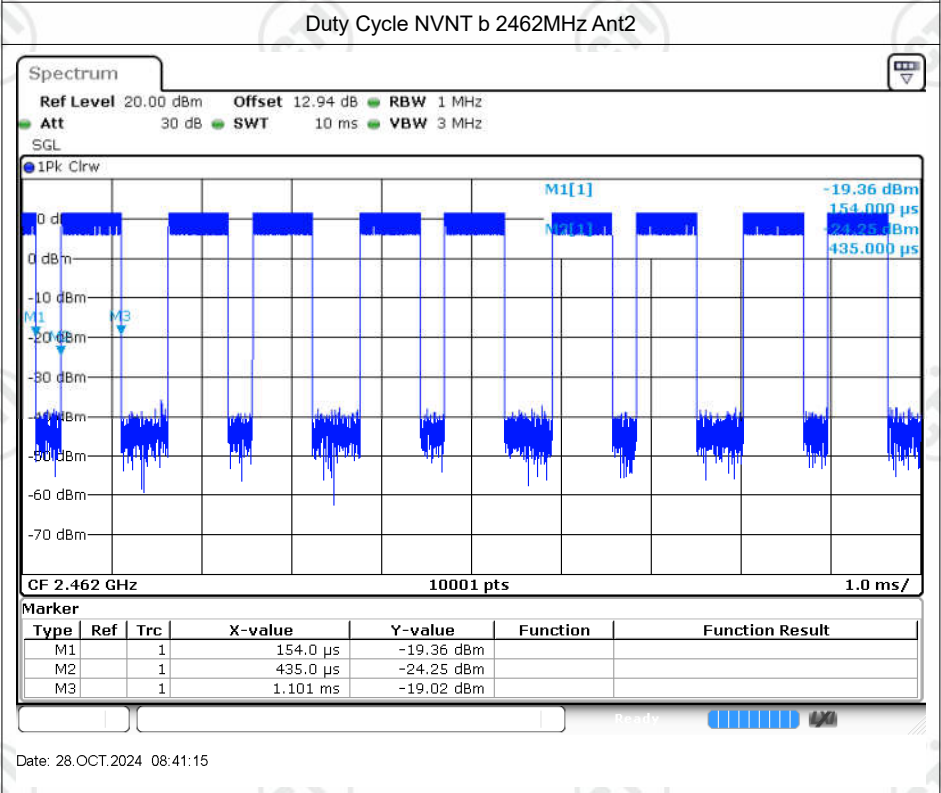
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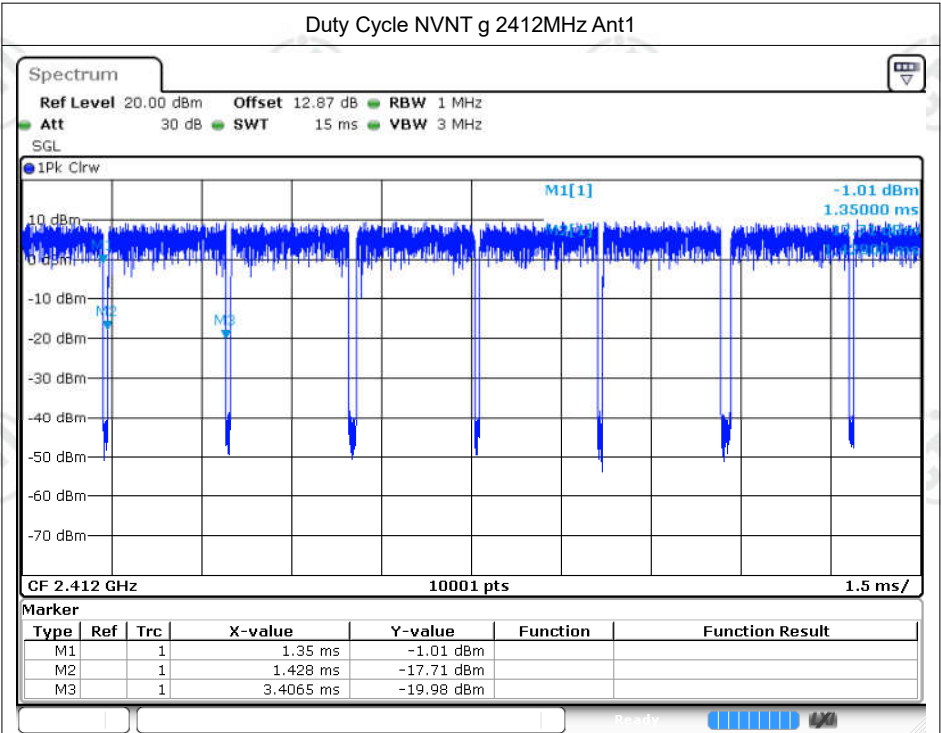
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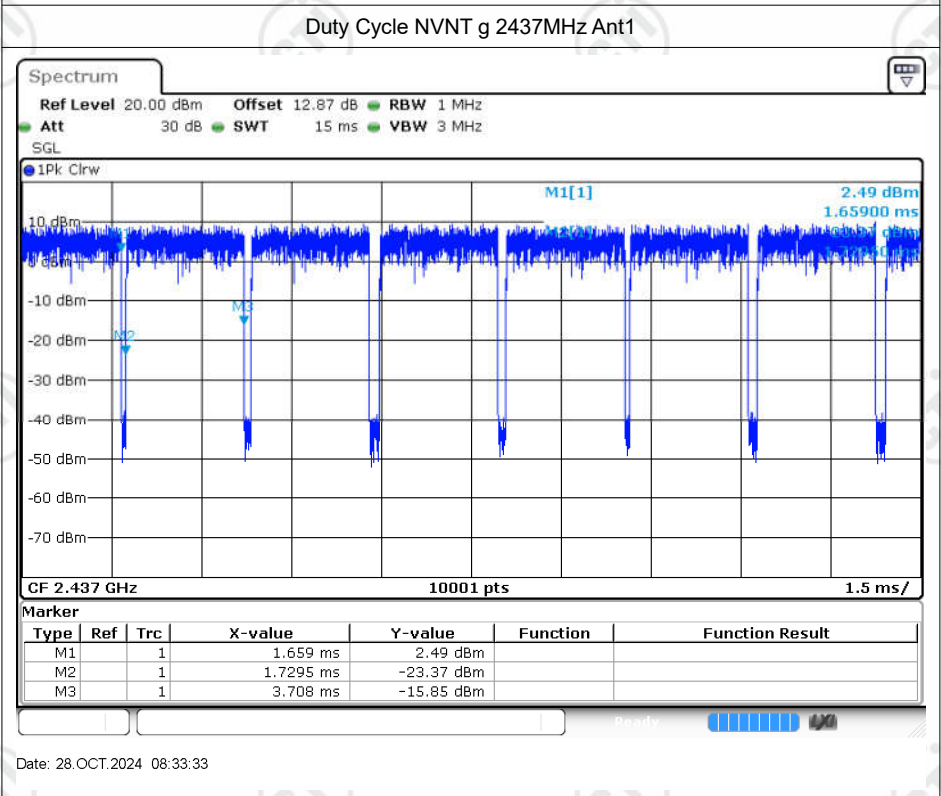
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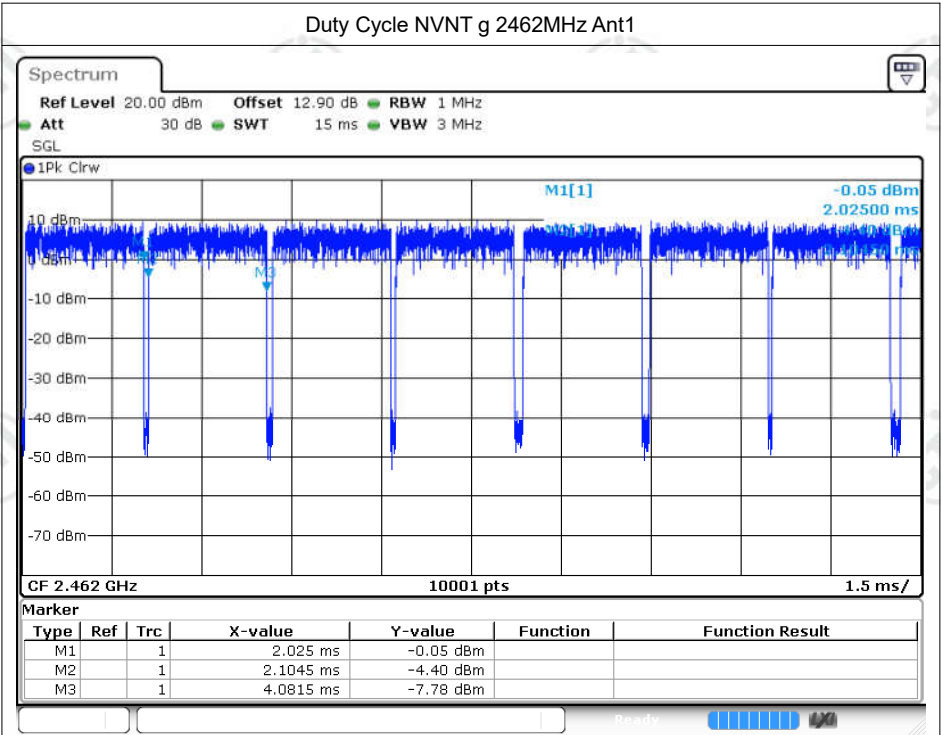
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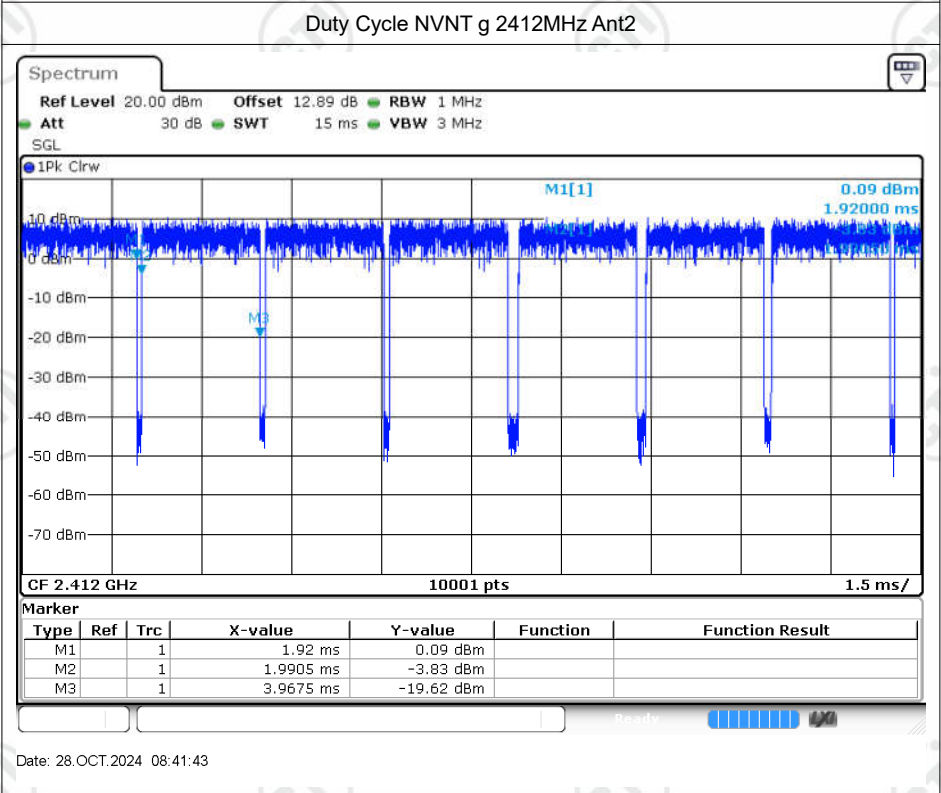
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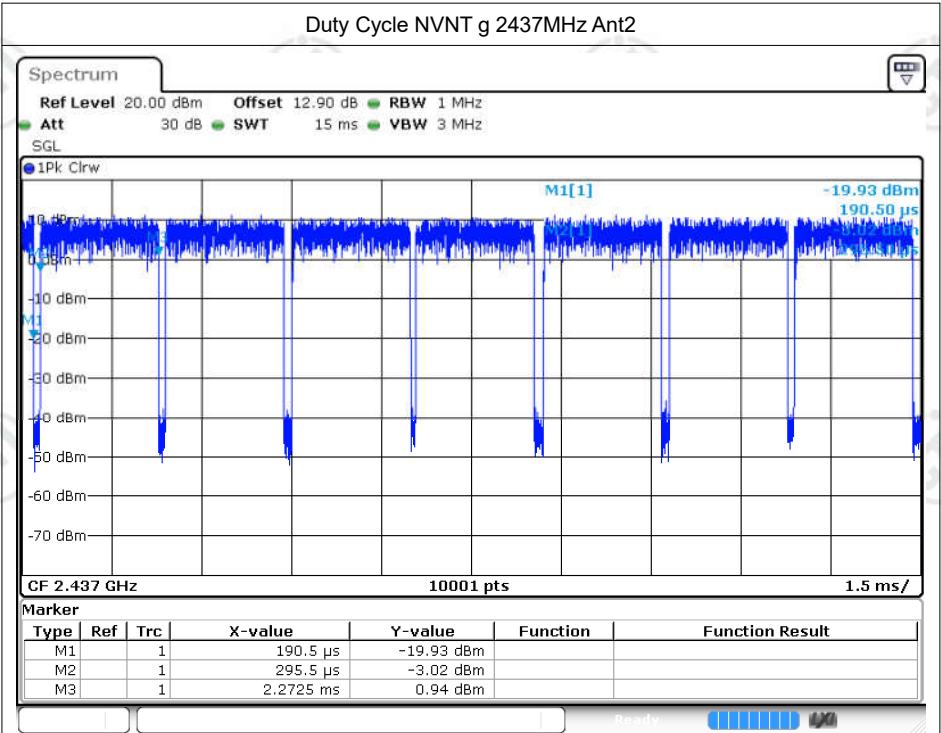
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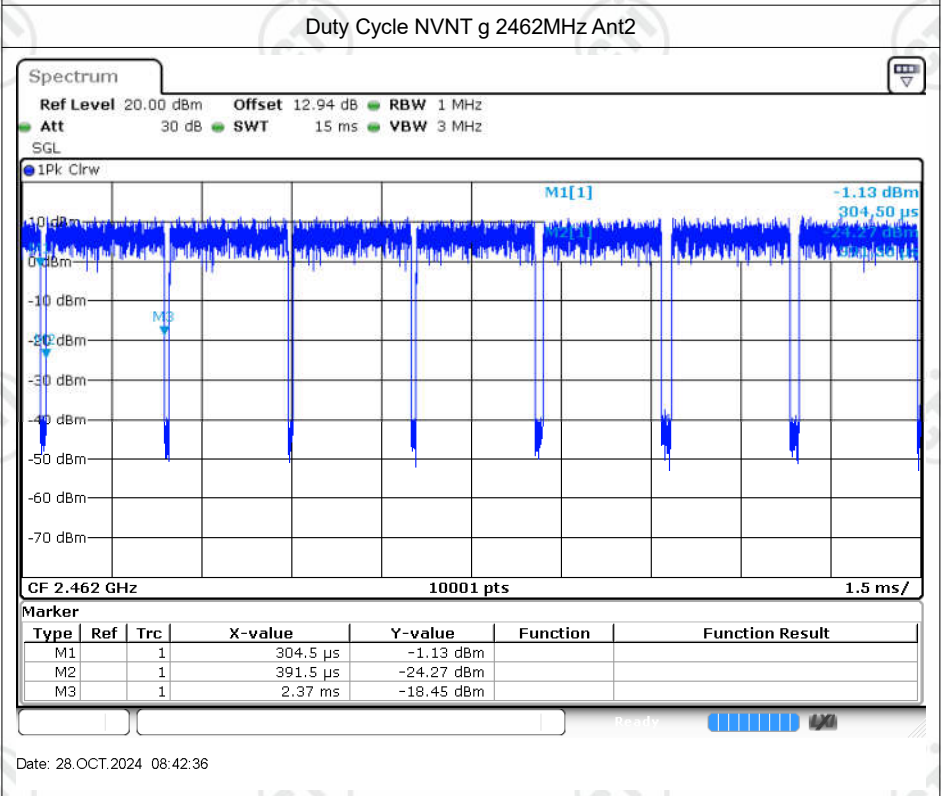
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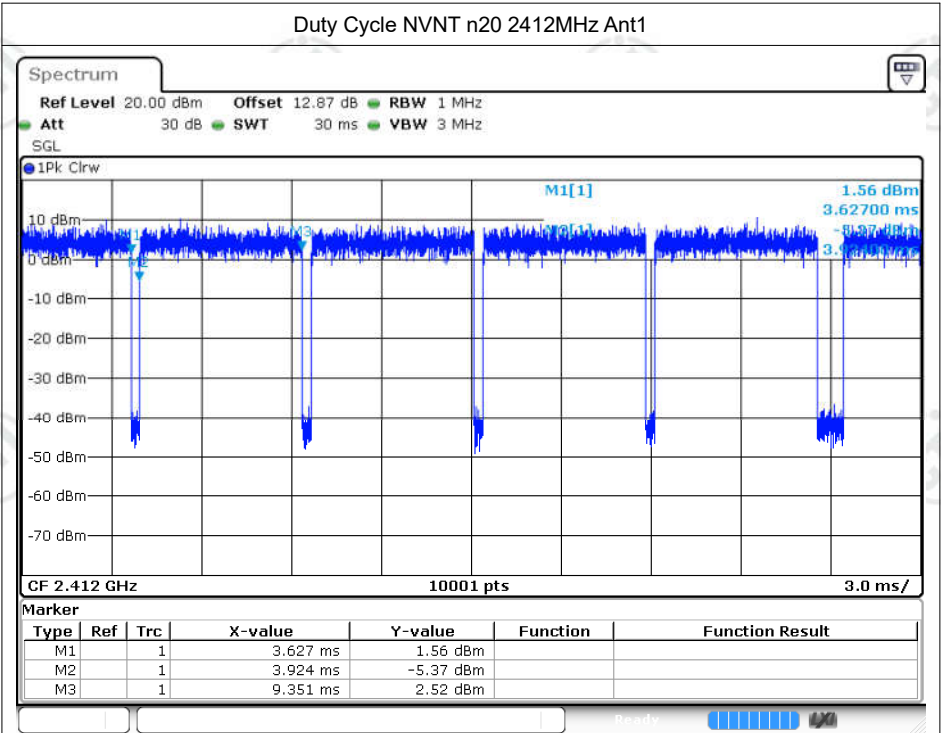
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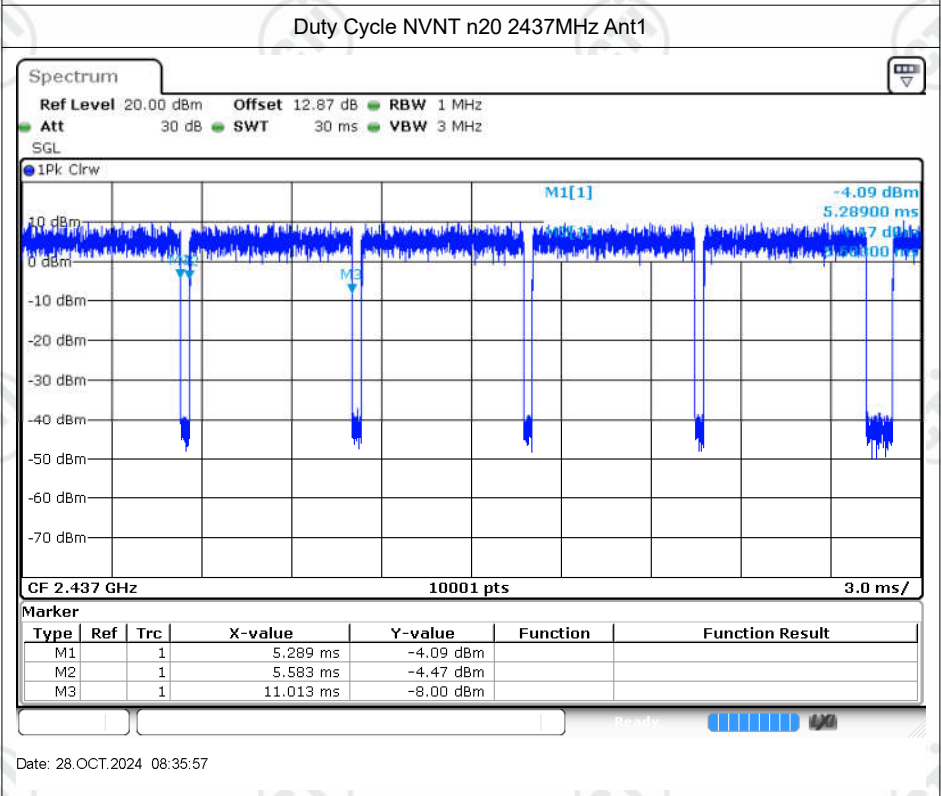
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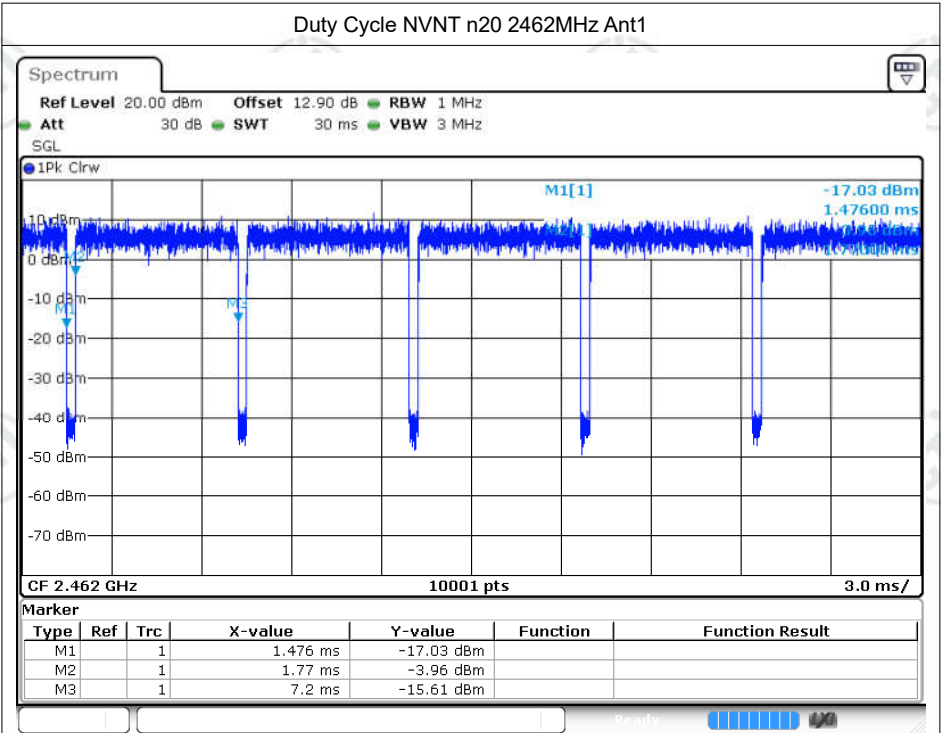
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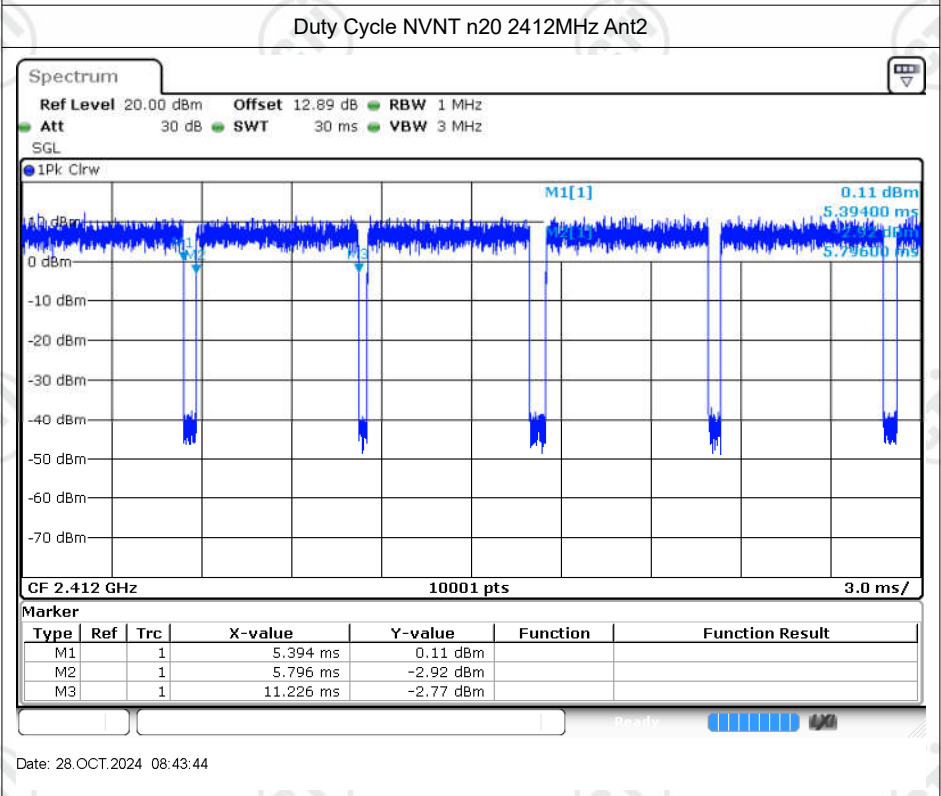
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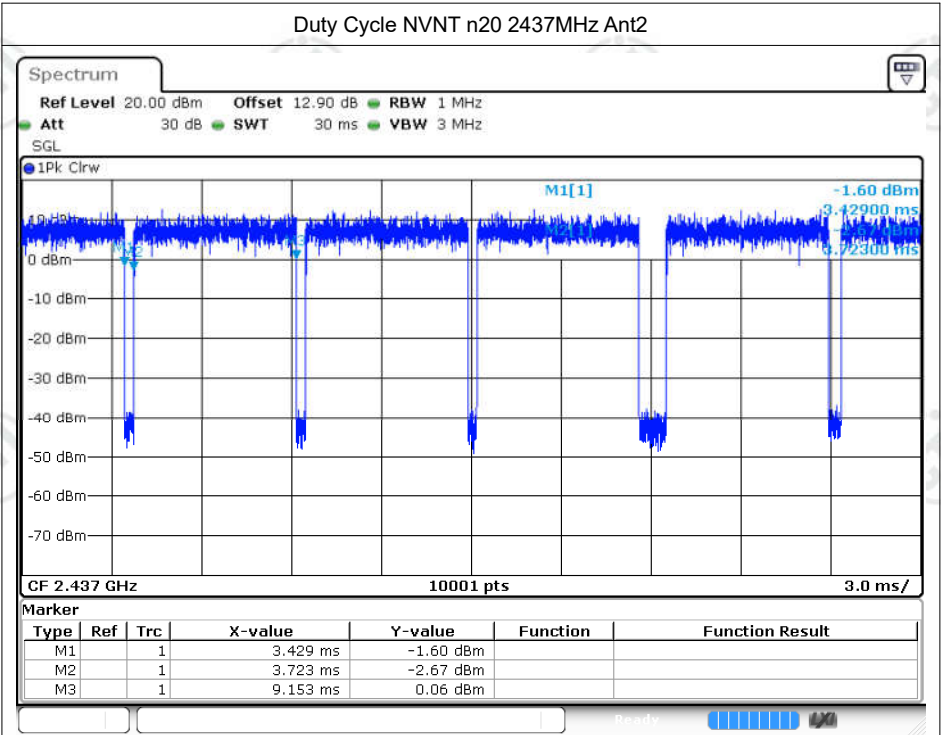
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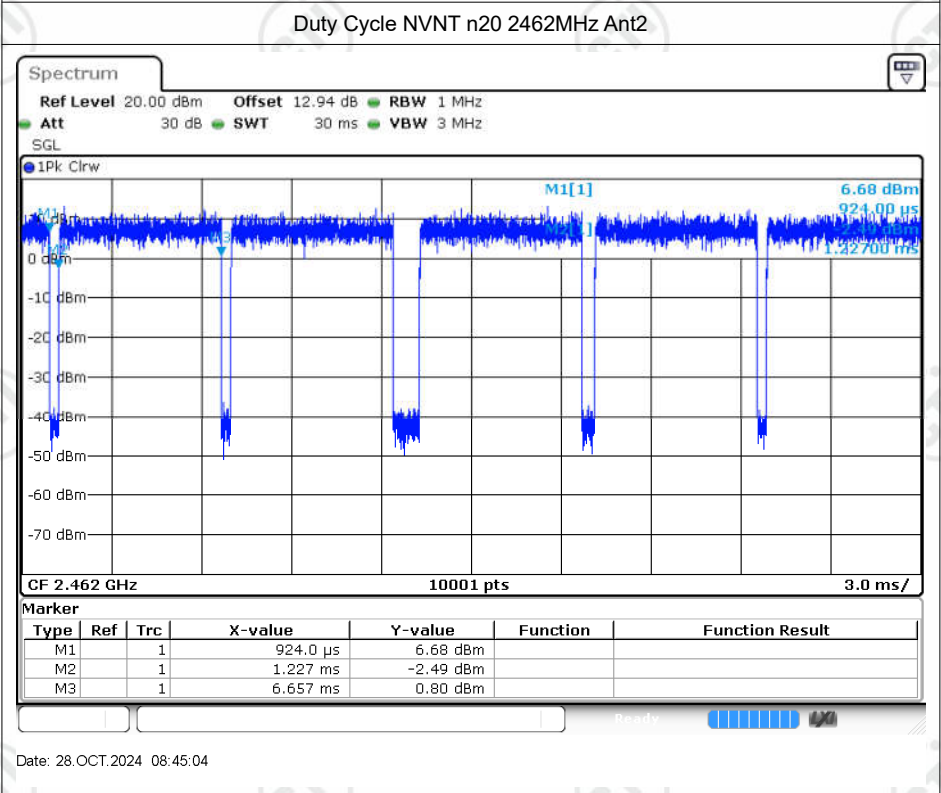
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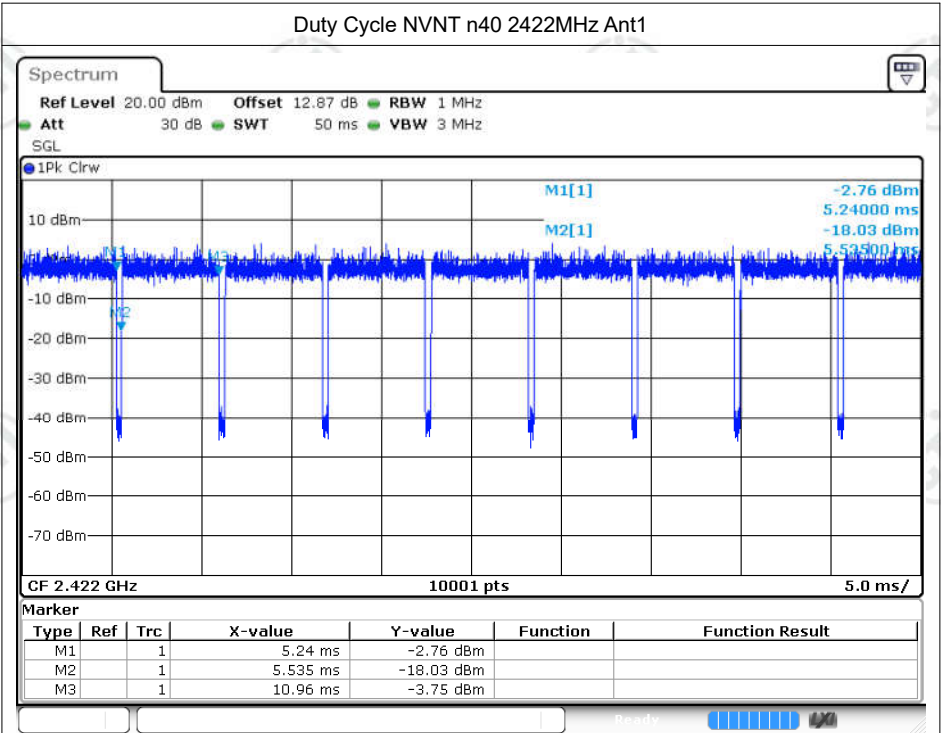
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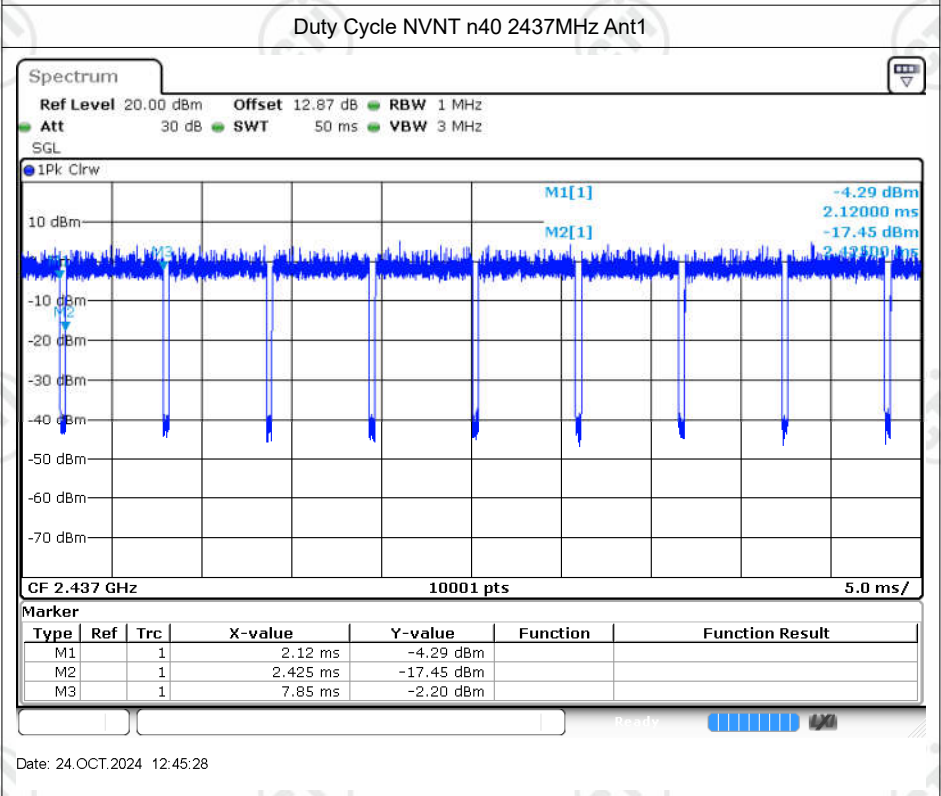
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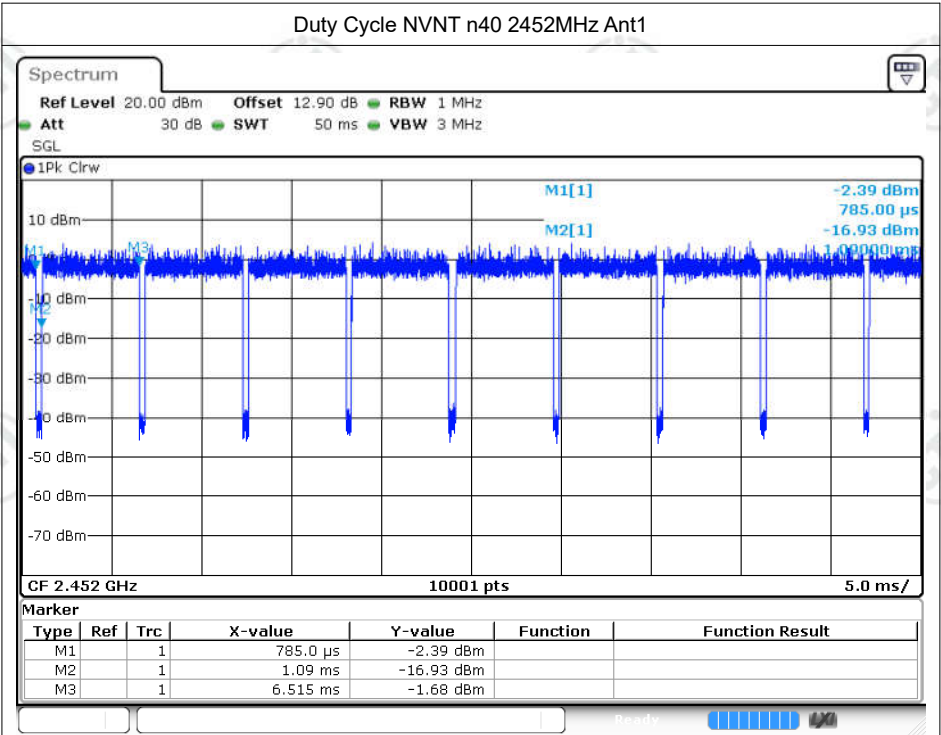
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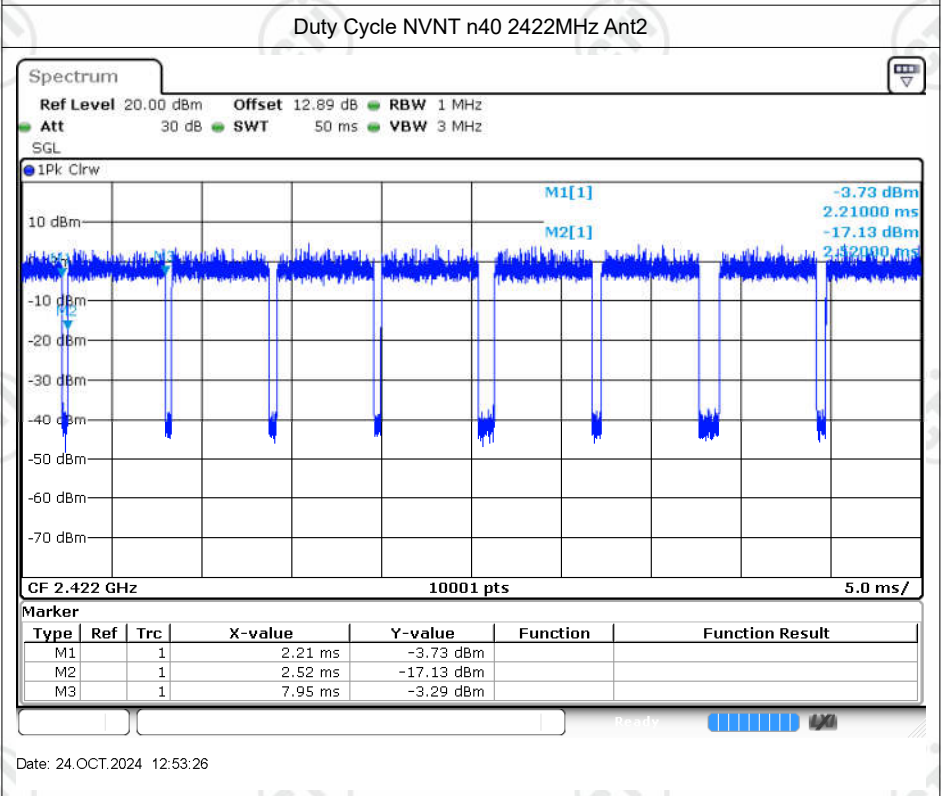
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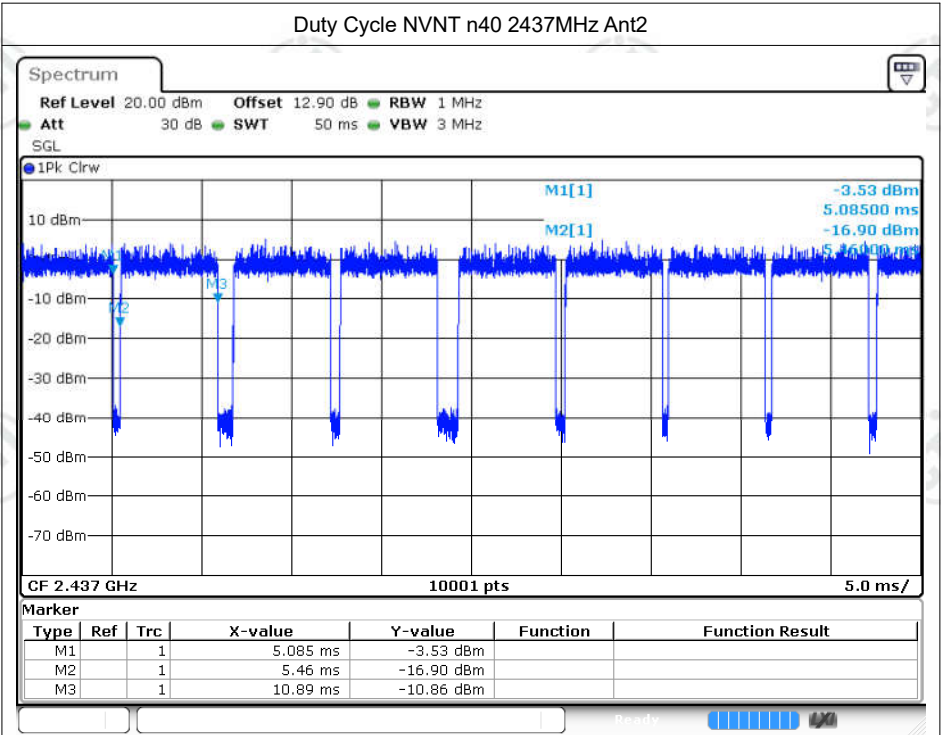
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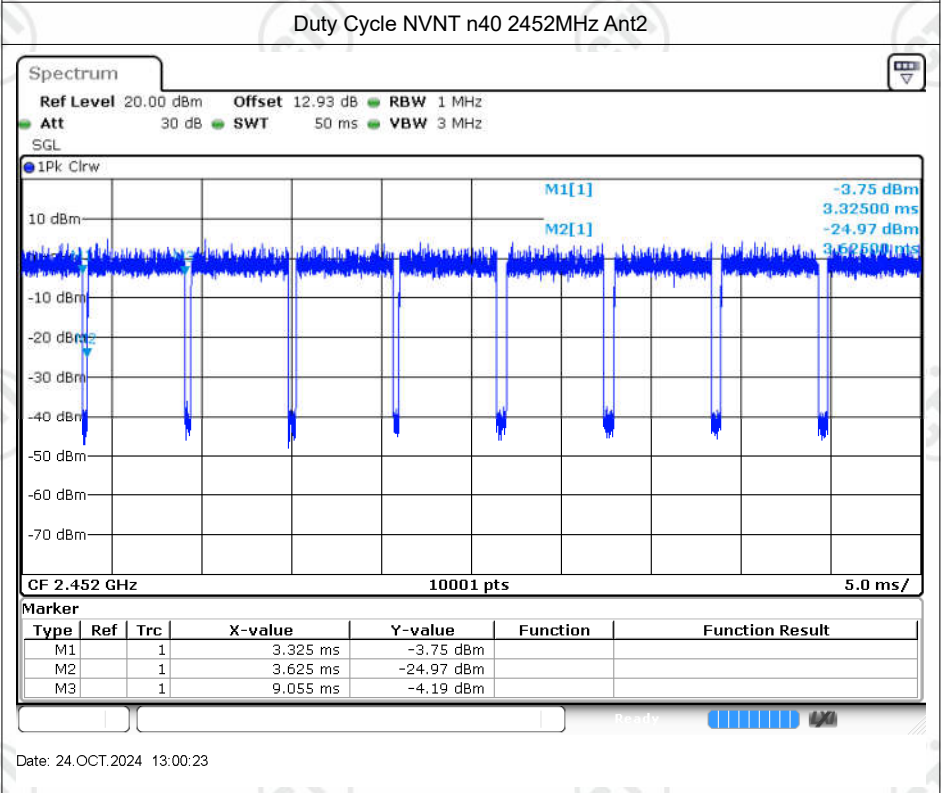
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Date: 24.OCT.2024 12:53:26



Date: 24.OCT.2024 12:56:21



Date: 24.OCT.2024 13:00:23

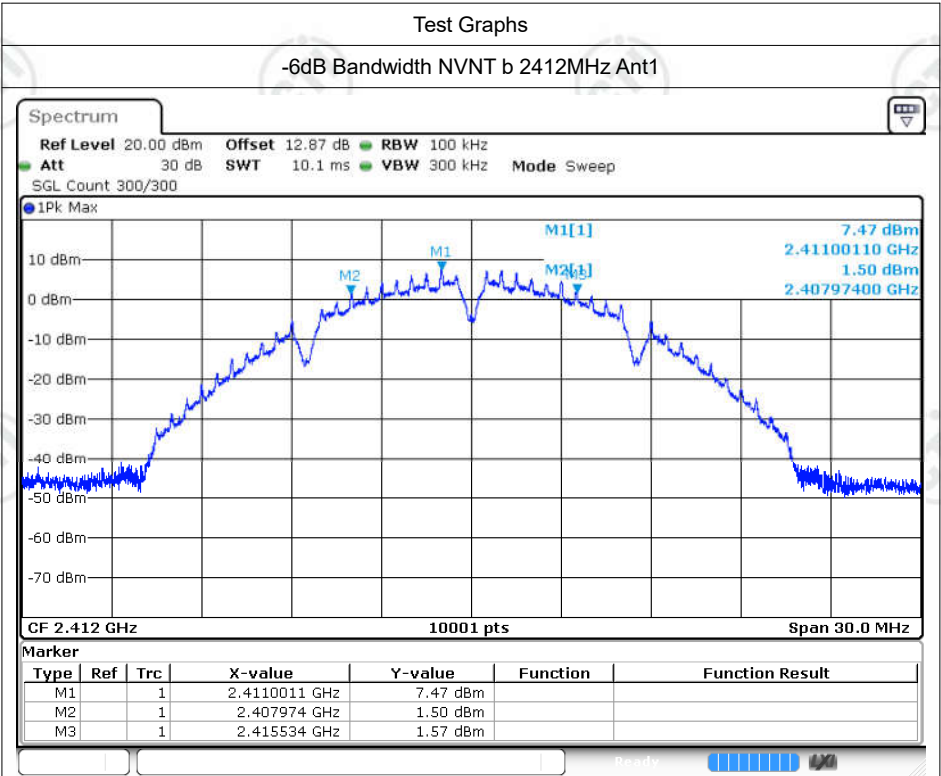
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.19	30	Pass
NVNT	b	2437	Ant1	15.37	30	Pass
NVNT	b	2462	Ant1	15.13	30	Pass
NVNT	b	2412	Ant2	15.36	30	Pass
NVNT	b	2437	Ant2	15.46	30	Pass
NVNT	b	2462	Ant2	15.53	30	Pass
NVNT	g	2412	Ant1	14.5	30	Pass
NVNT	g	2437	Ant1	14.6	30	Pass
NVNT	g	2462	Ant1	14.22	30	Pass
NVNT	g	2412	Ant2	14.6	30	Pass
NVNT	g	2437	Ant2	14.34	30	Pass
NVNT	g	2462	Ant2	14.4	30	Pass
NVNT	n20	2412	Ant1	13.33	30	Pass
NVNT	n20	2437	Ant1	13.65	30	Pass
NVNT	n20	2462	Ant1	13.45	30	Pass
NVNT	n20	2412	Ant2	13.13	30	Pass
NVNT	n20	2437	Ant2	13.26	30	Pass
NVNT	n20	2462	Ant2	13.68	30	Pass
NVNT	n20	2412	Ant1	10.3	30	Pass
NVNT	n20	2412	Ant2	10.25	30	Pass
NVNT	n20	2412	Sum	13.29	30	Pass
NVNT	n20	2437	Ant1	10.62	30	Pass
NVNT	n20	2437	Ant2	10.24	30	Pass
NVNT	n20	2437	Sum	13.44	30	Pass
NVNT	n20	2462	Ant1	10.61	30	Pass
NVNT	n20	2462	Ant2	10.56	30	Pass
NVNT	n20	2462	Sum	13.6	30	Pass
NVNT	n40	2422	Ant1	12.51	30	Pass
NVNT	n40	2437	Ant1	12.36	30	Pass
NVNT	n40	2452	Ant1	12.55	30	Pass
NVNT	n40	2422	Ant2	12.36	30	Pass
NVNT	n40	2437	Ant2	12.56	30	Pass
NVNT	n40	2452	Ant2	12.86	30	Pass
NVNT	n40	2422	Ant1	9.9	30	Pass
NVNT	n40	2422	Ant2	9.91	30	Pass
NVNT	n40	2422	Sum	12.92	30	Pass
NVNT	n40	2437	Ant1	9.47	30	Pass

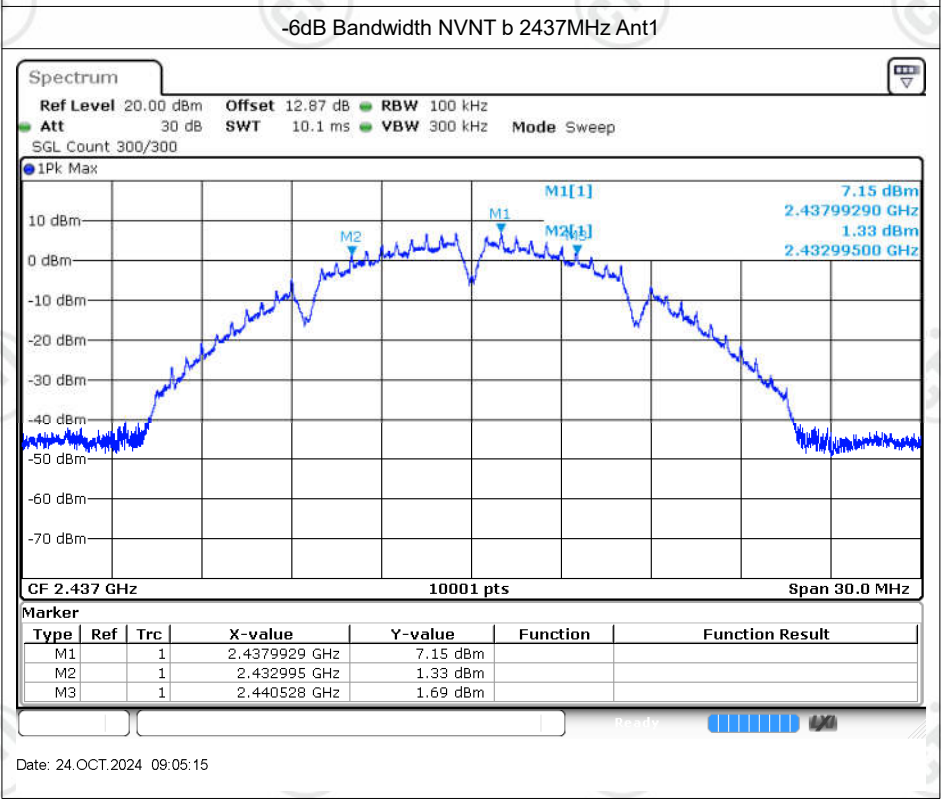
NVNT	n40	2437	Ant2	9.41	30	Pass
NVNT	n40	2437	Sum	12.45	30	Pass
NVNT	n40	2452	Ant1	9.56	30	Pass
NVNT	n40	2452	Ant2	9.69	30	Pass
NVNT	n40	2452	Sum	12.64	30	Pass

-6dB Bandwidth

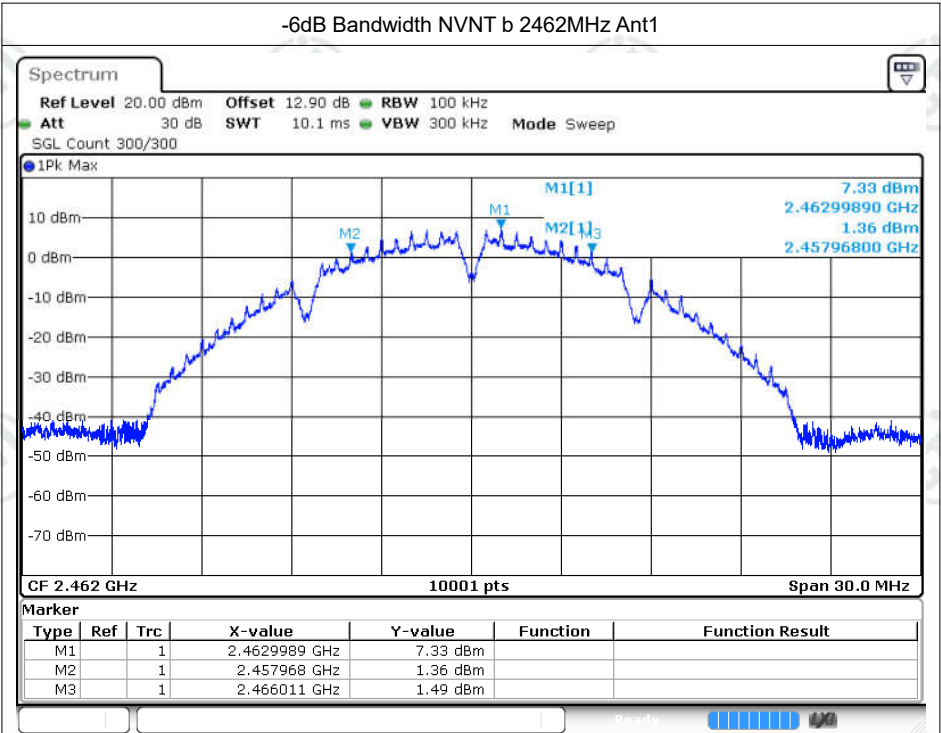
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	7.56	0.5	Pass
NVNT	b	2437	Ant1	7.533	0.5	Pass
NVNT	b	2462	Ant1	8.043	0.5	Pass
NVNT	b	2412	Ant2	7.986	0.5	Pass
NVNT	b	2437	Ant2	7.047	0.5	Pass
NVNT	b	2462	Ant2	8.04	0.5	Pass
NVNT	g	2412	Ant1	15.633	0.5	Pass
NVNT	g	2437	Ant1	15.9	0.5	Pass
NVNT	g	2462	Ant1	15.891	0.5	Pass
NVNT	g	2412	Ant2	15.621	0.5	Pass
NVNT	g	2437	Ant2	15.765	0.5	Pass
NVNT	g	2462	Ant2	15.375	0.5	Pass
NVNT	n20	2412	Ant1	16.533	0.5	Pass
NVNT	n20	2437	Ant1	16.893	0.5	Pass
NVNT	n20	2462	Ant1	16.662	0.5	Pass
NVNT	n20	2412	Ant2	15.888	0.5	Pass
NVNT	n20	2437	Ant2	15.864	0.5	Pass
NVNT	n20	2462	Ant2	16.644	0.5	Pass
NVNT	n40	2422	Ant1	36.288	0.5	Pass
NVNT	n40	2437	Ant1	36.27	0.5	Pass
NVNT	n40	2452	Ant1	35.454	0.5	Pass
NVNT	n40	2422	Ant2	36.06	0.5	Pass
NVNT	n40	2437	Ant2	36.282	0.5	Pass
NVNT	n40	2452	Ant2	36.294	0.5	Pass



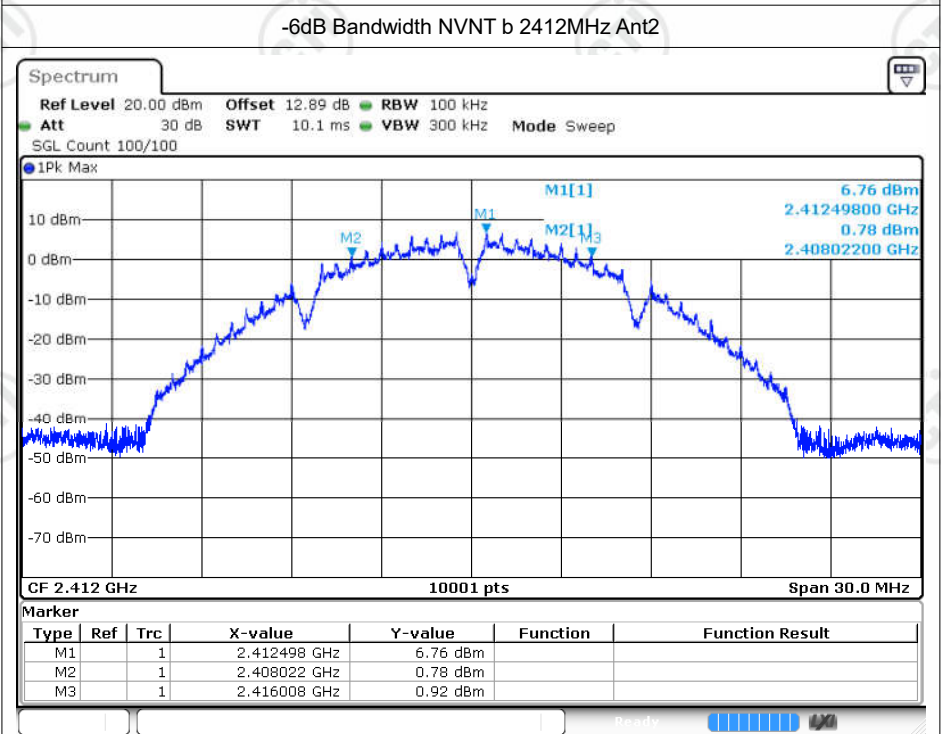
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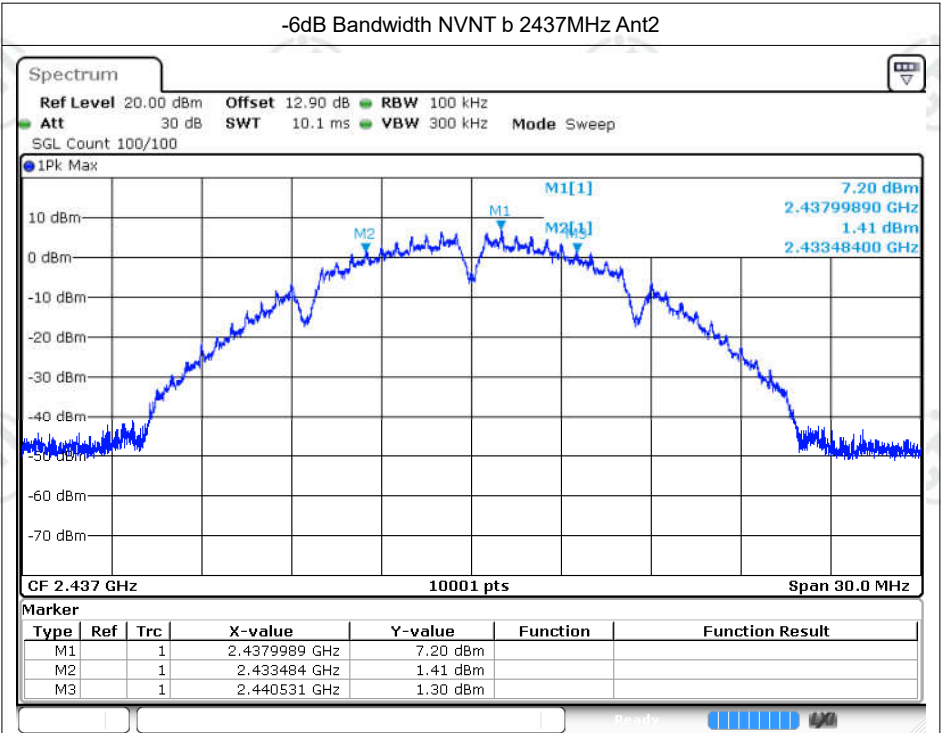
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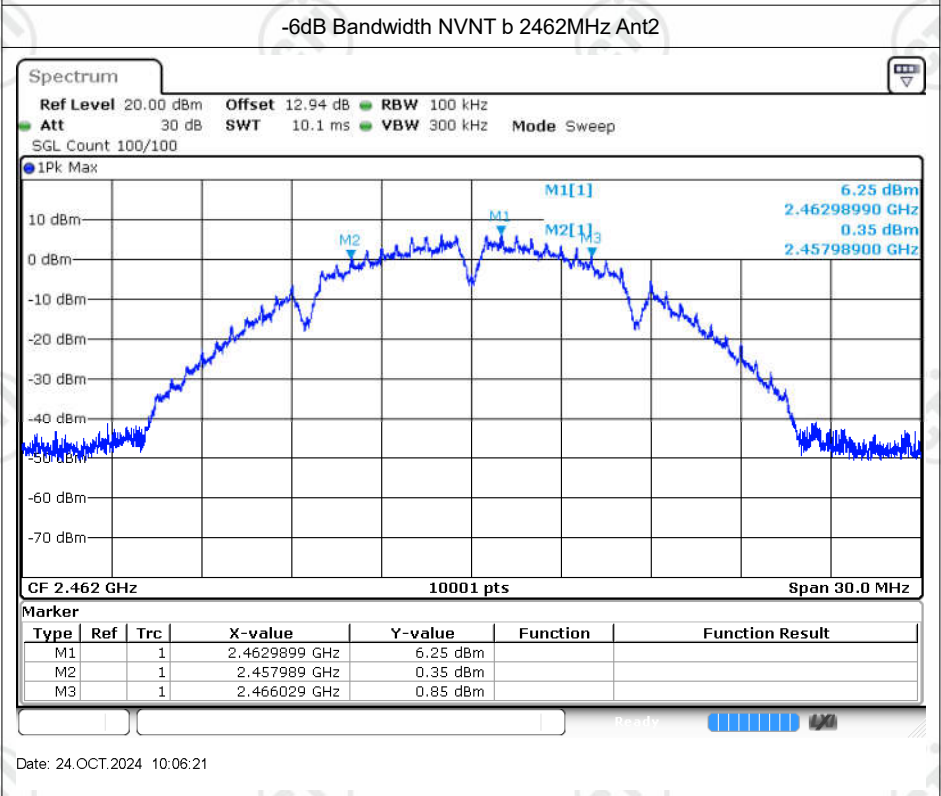
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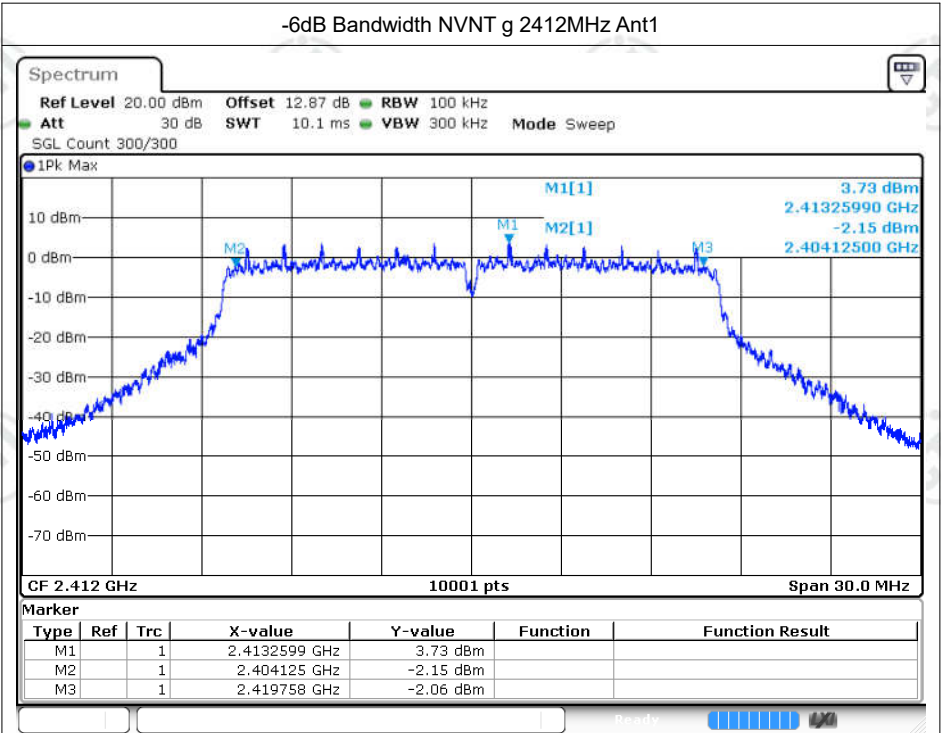
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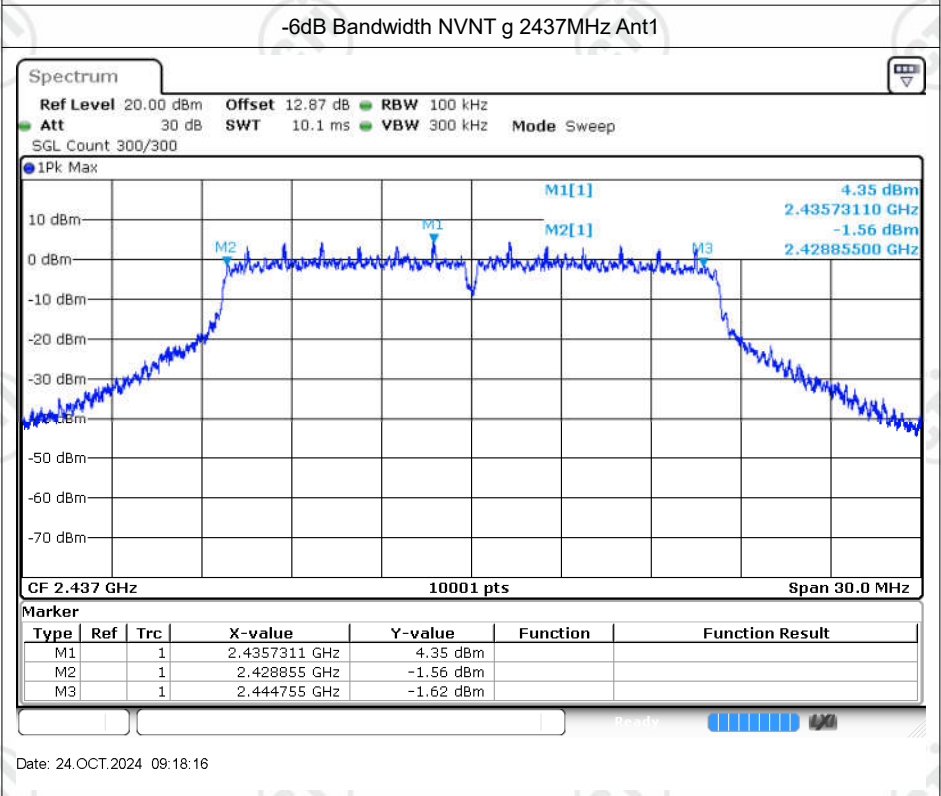
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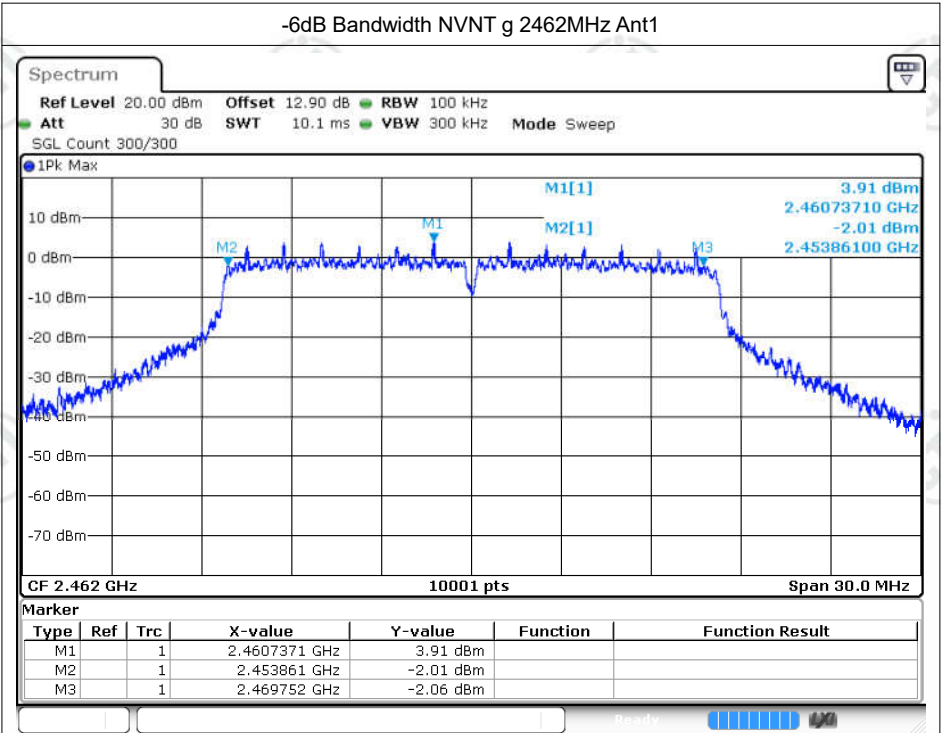
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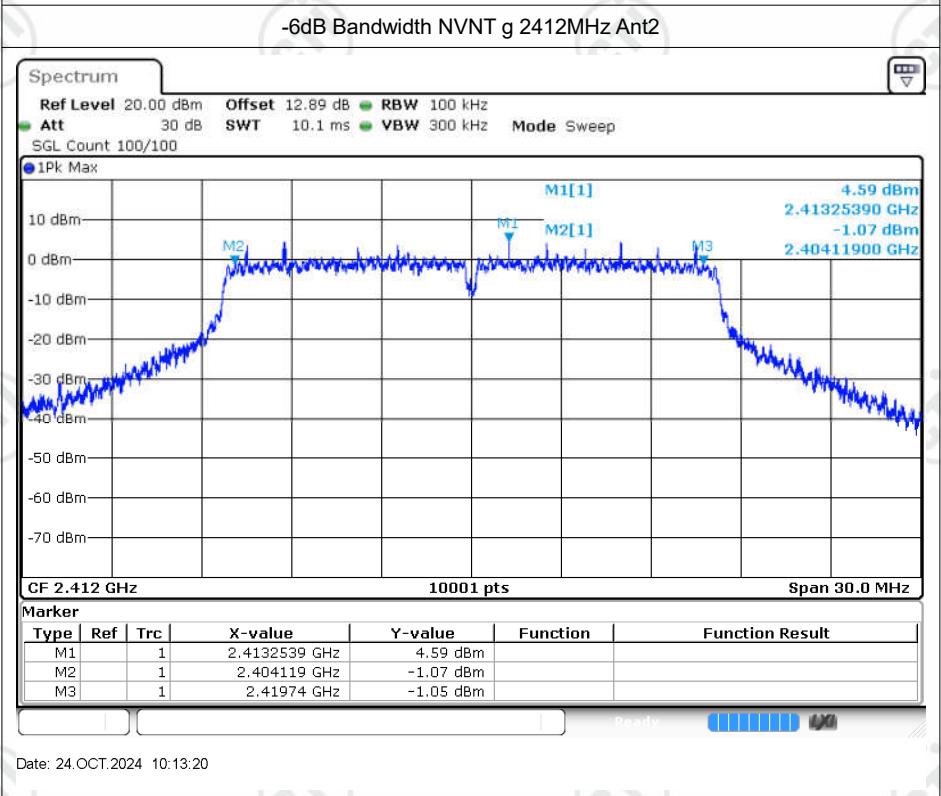
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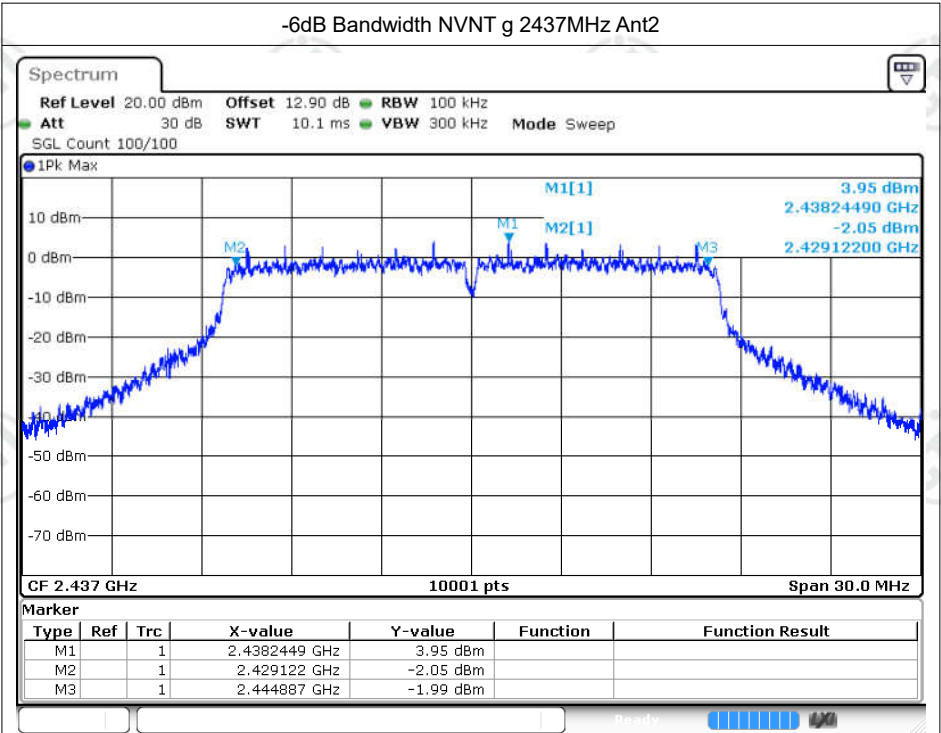
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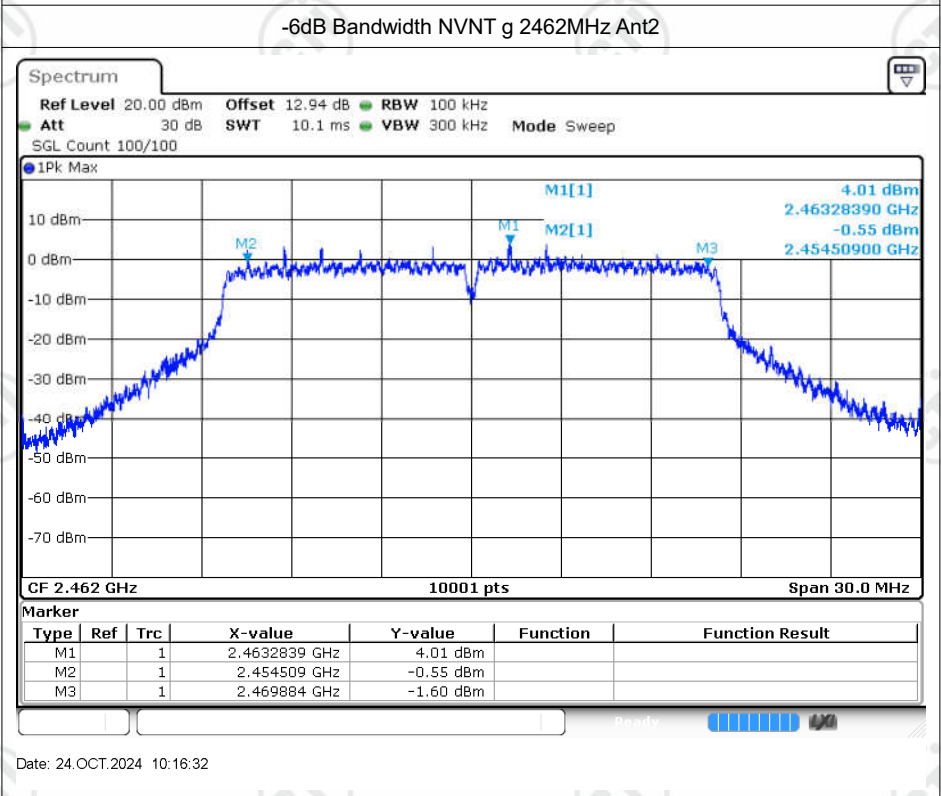
Date: 24.OCT.2024 09:21:20



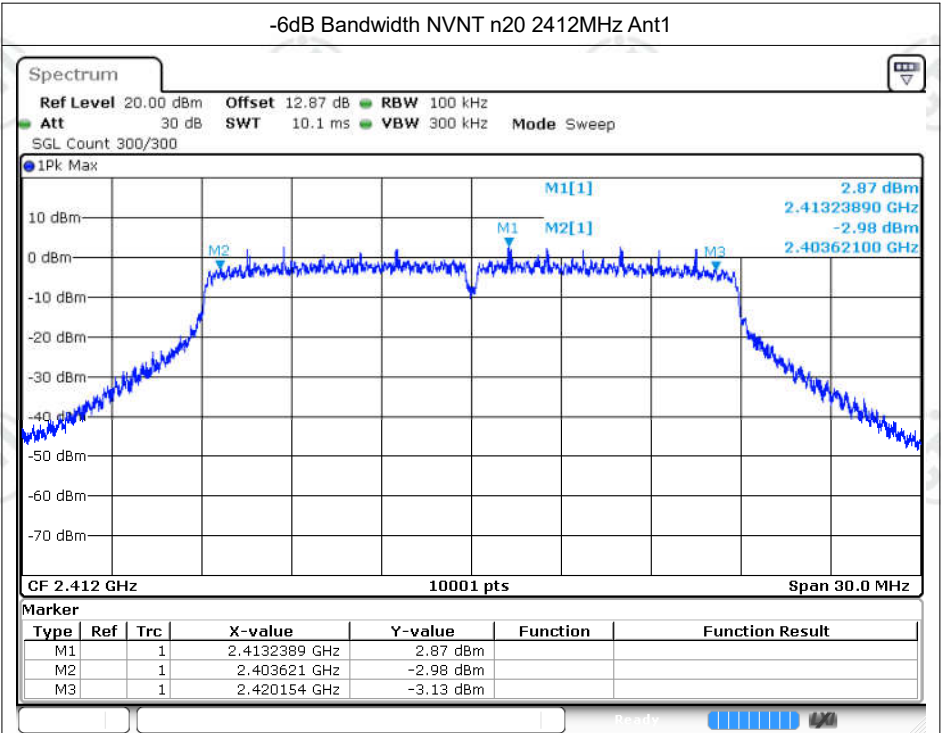
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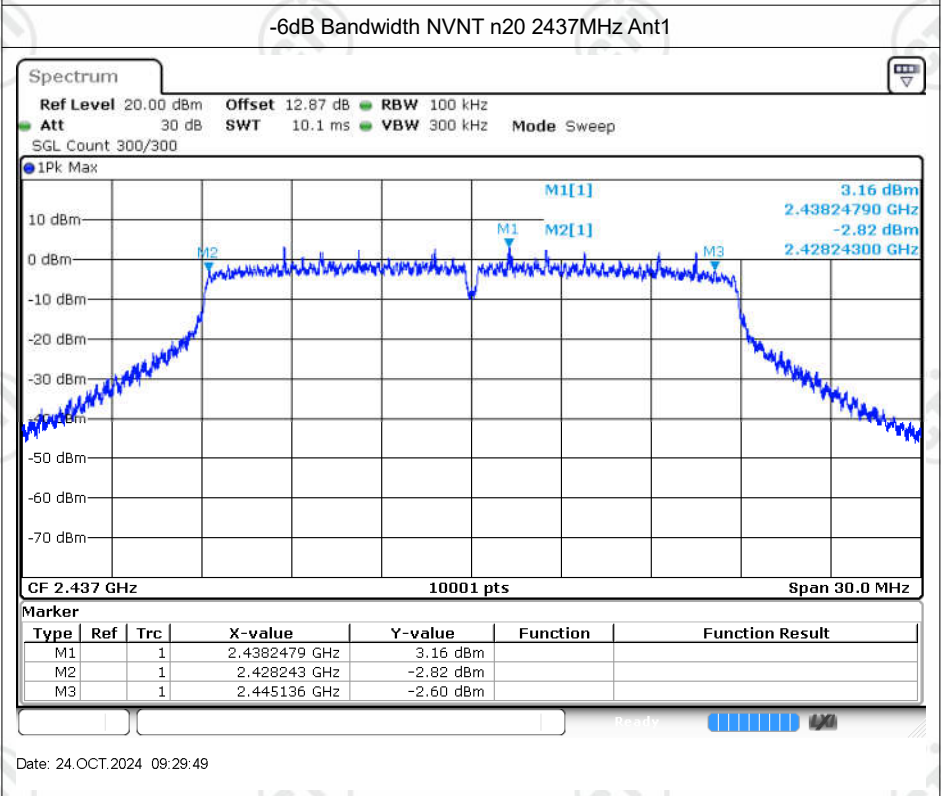
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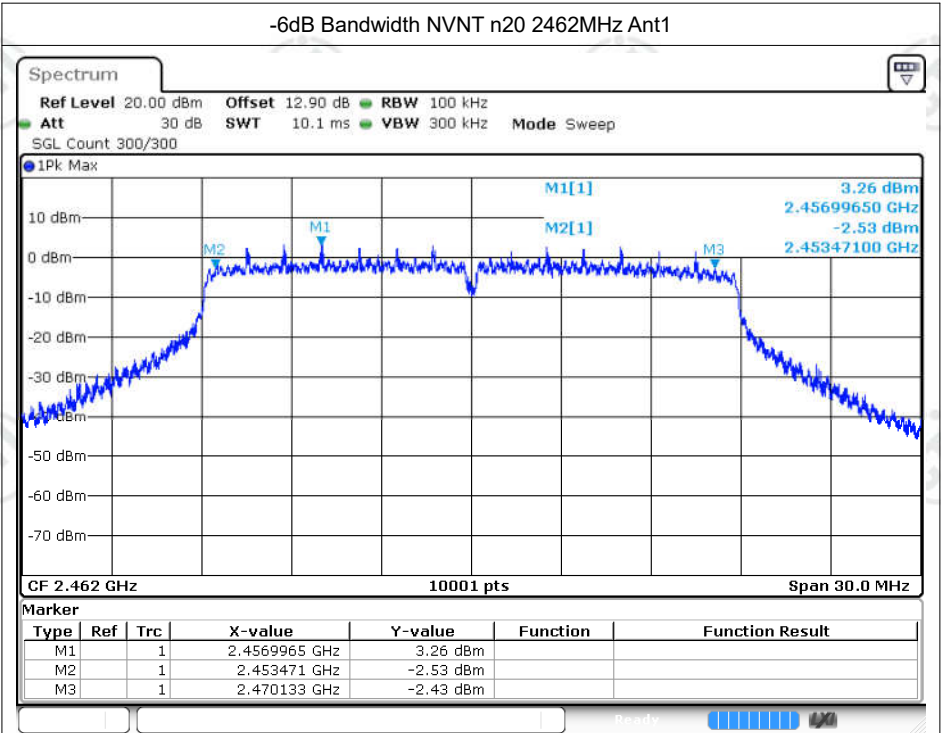
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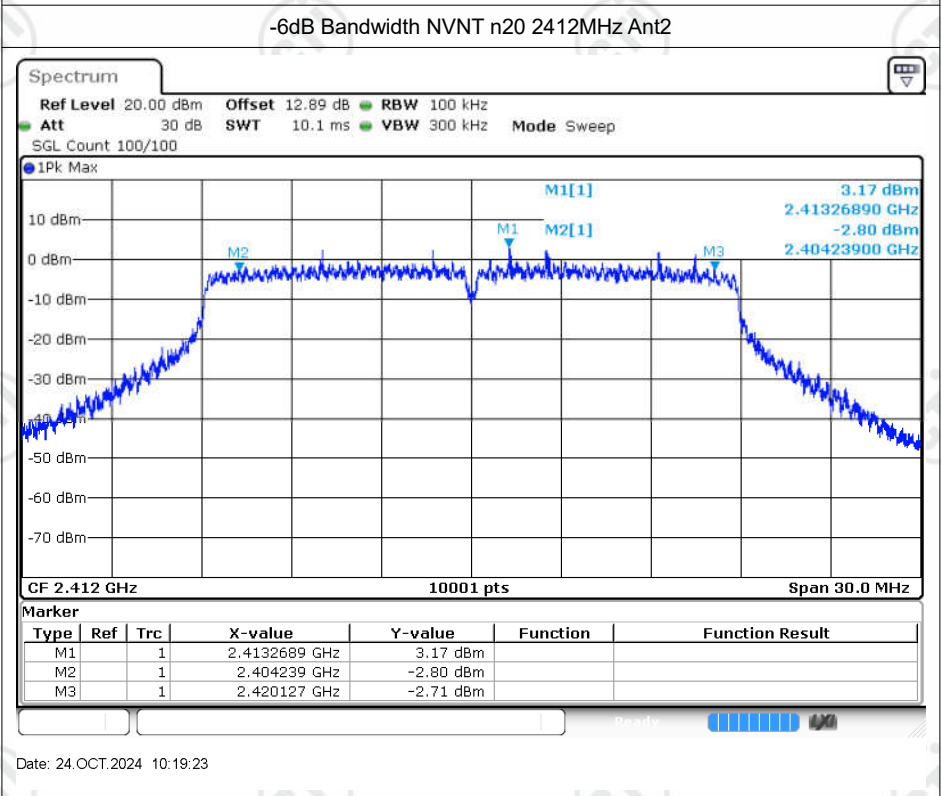
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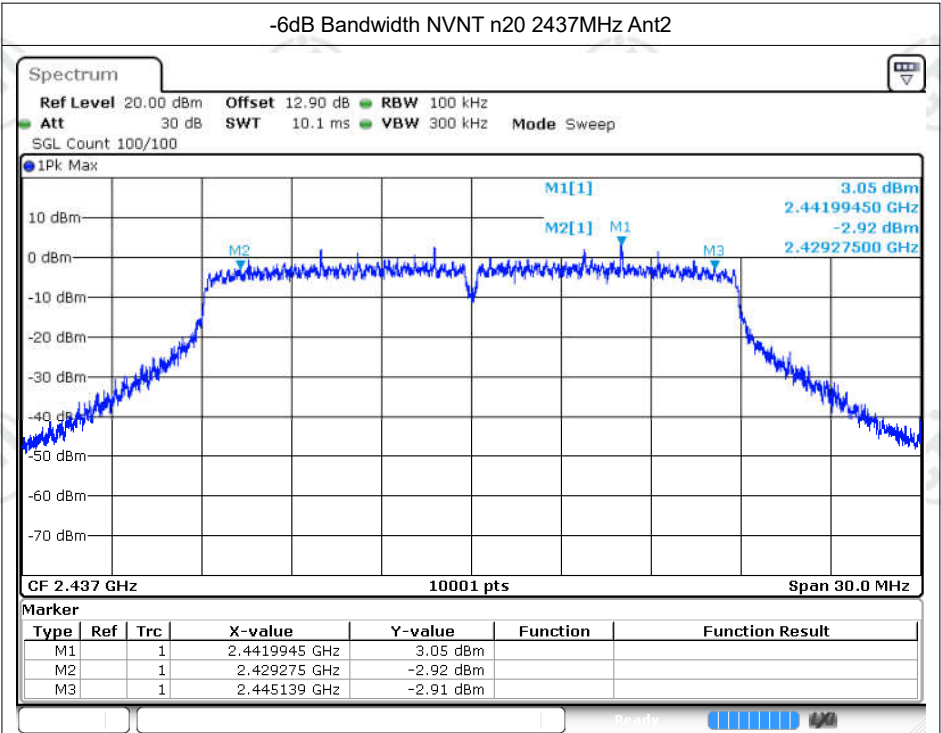
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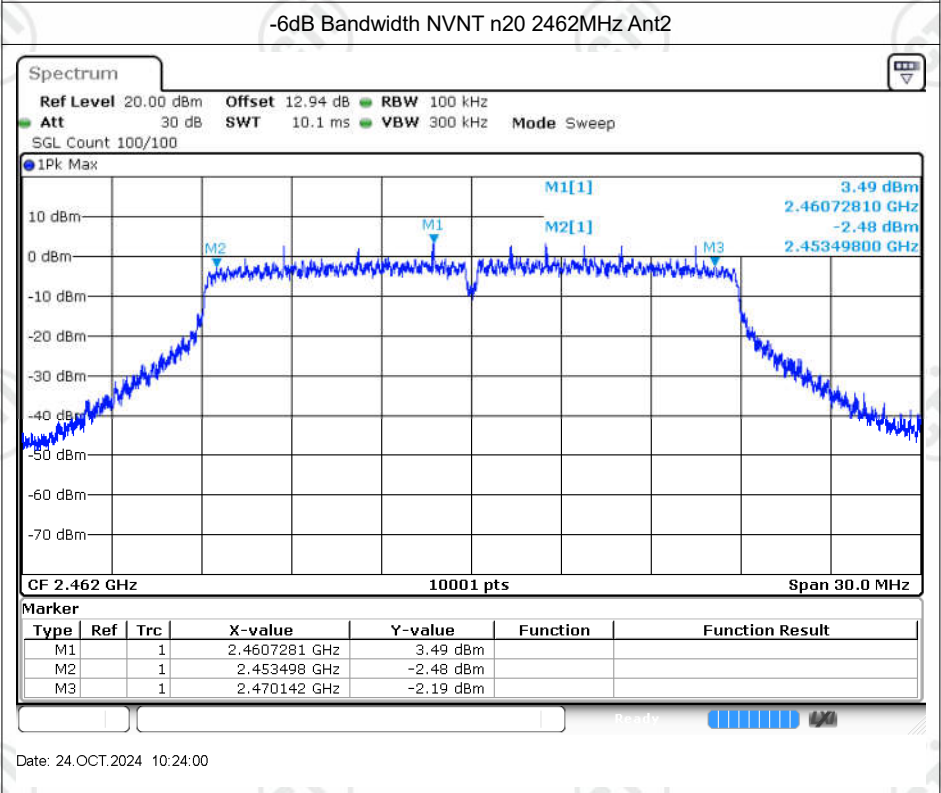
Date: 24.OCT.2024 09:32:50



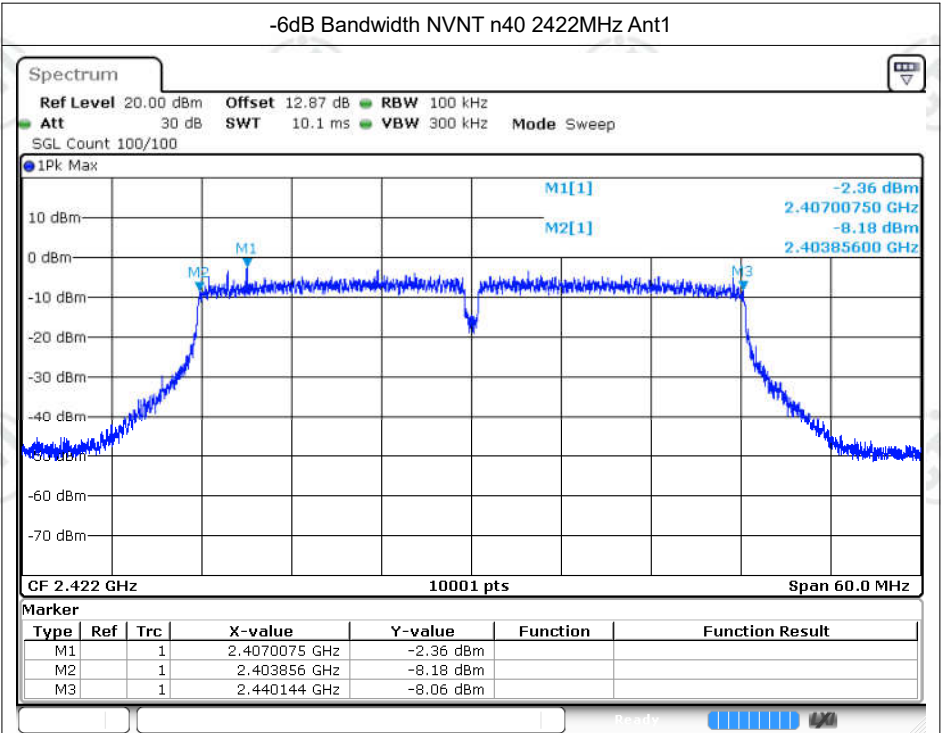
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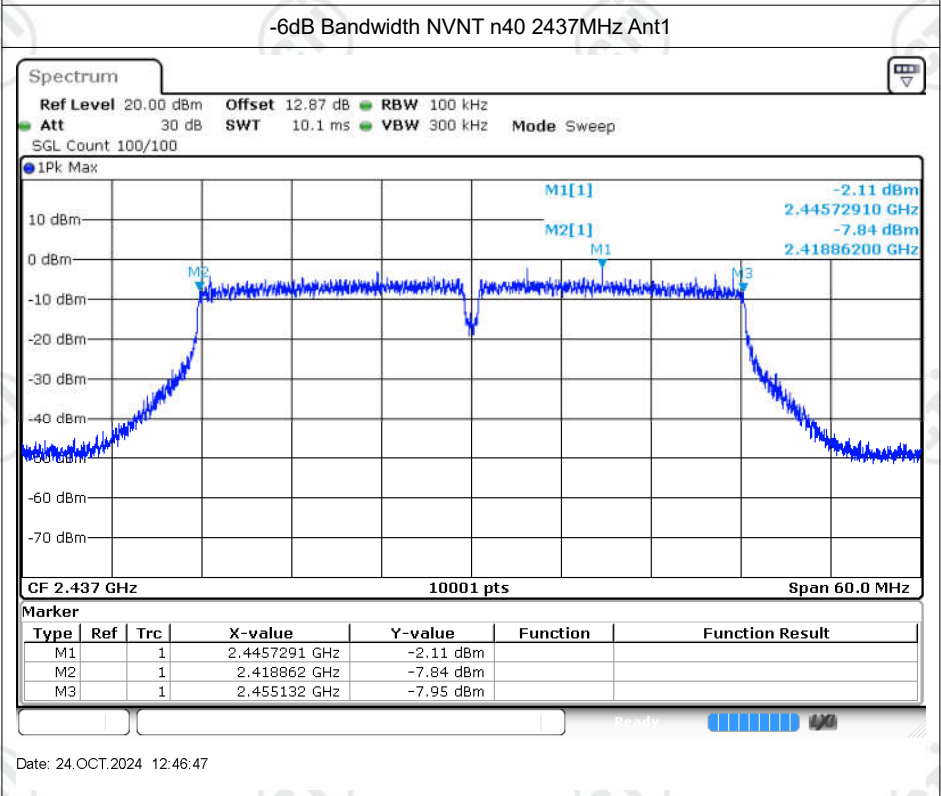
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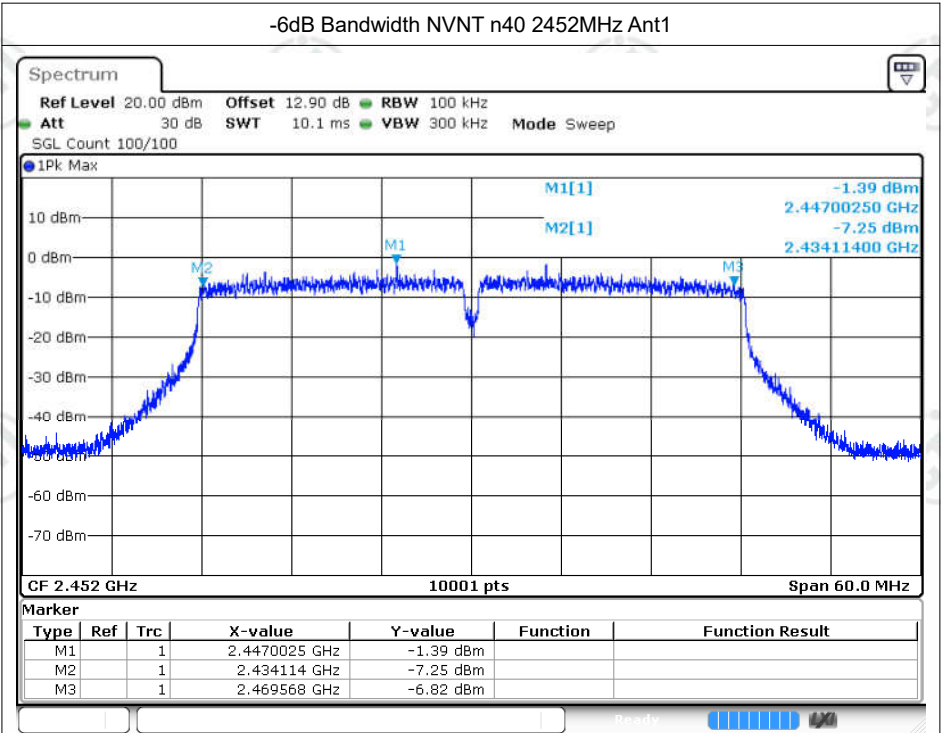
Date: 24.OCT.2024 10:24:00



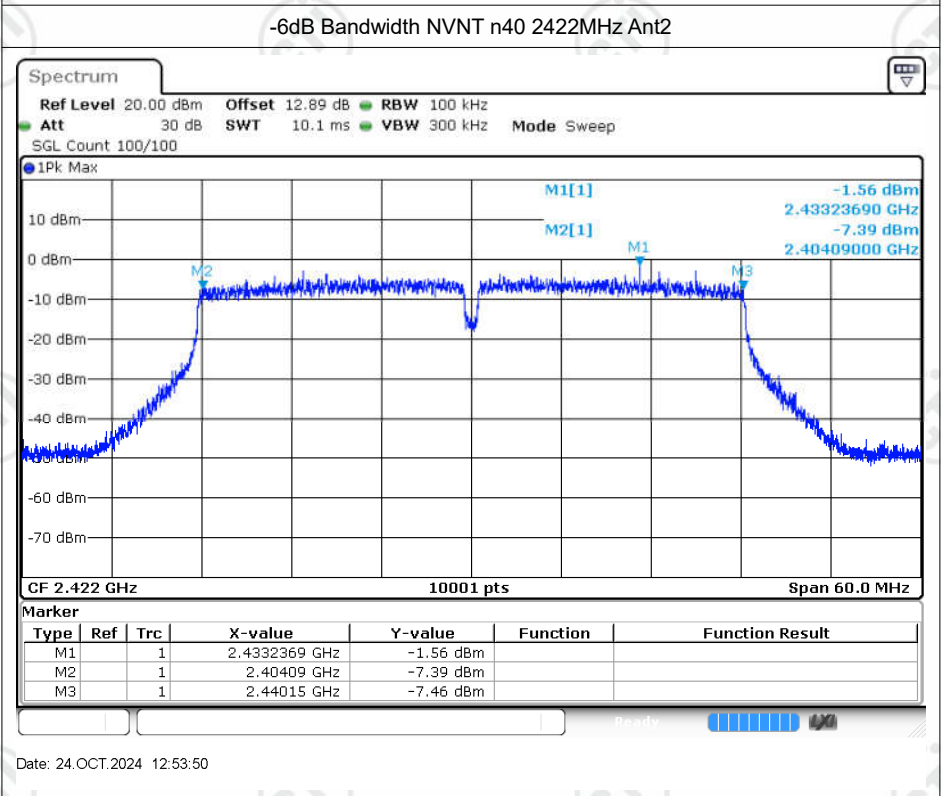
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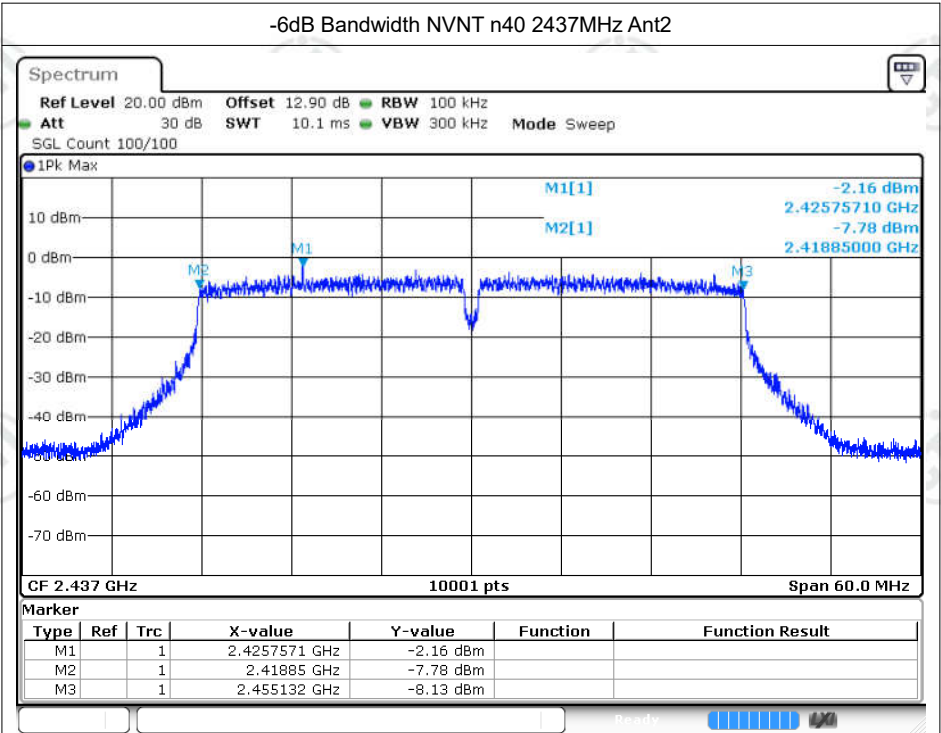
Date: 24.OCT.2024 12:46:47



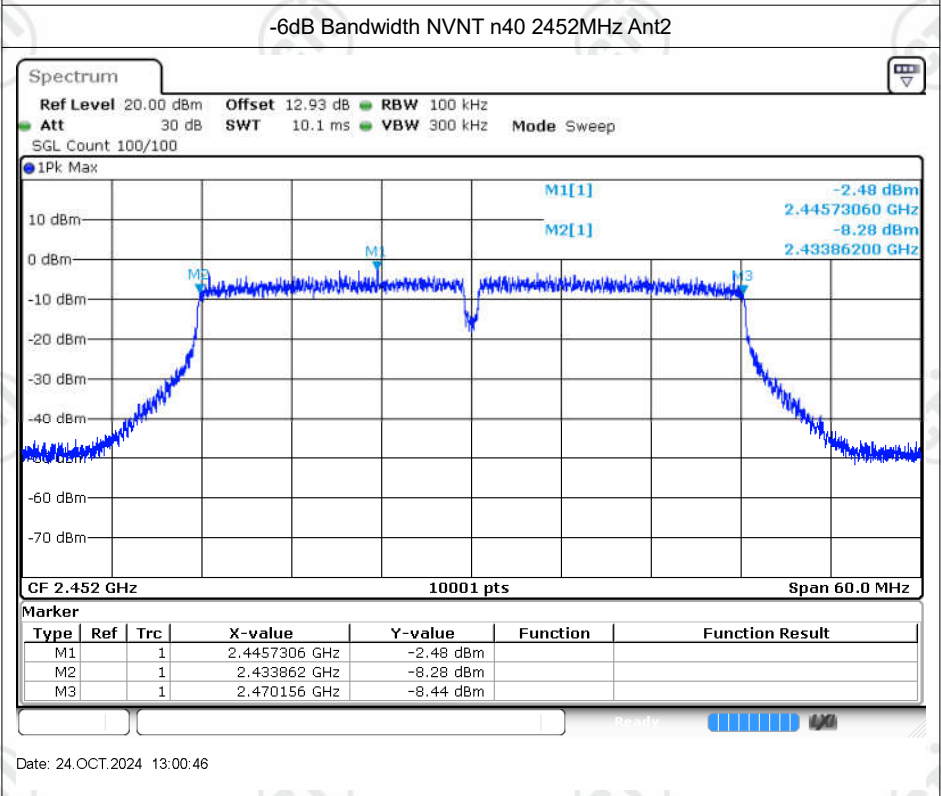
Date: 24.OCT.2024 12:50:00



Date: 24.OCT.2024 12:53:50



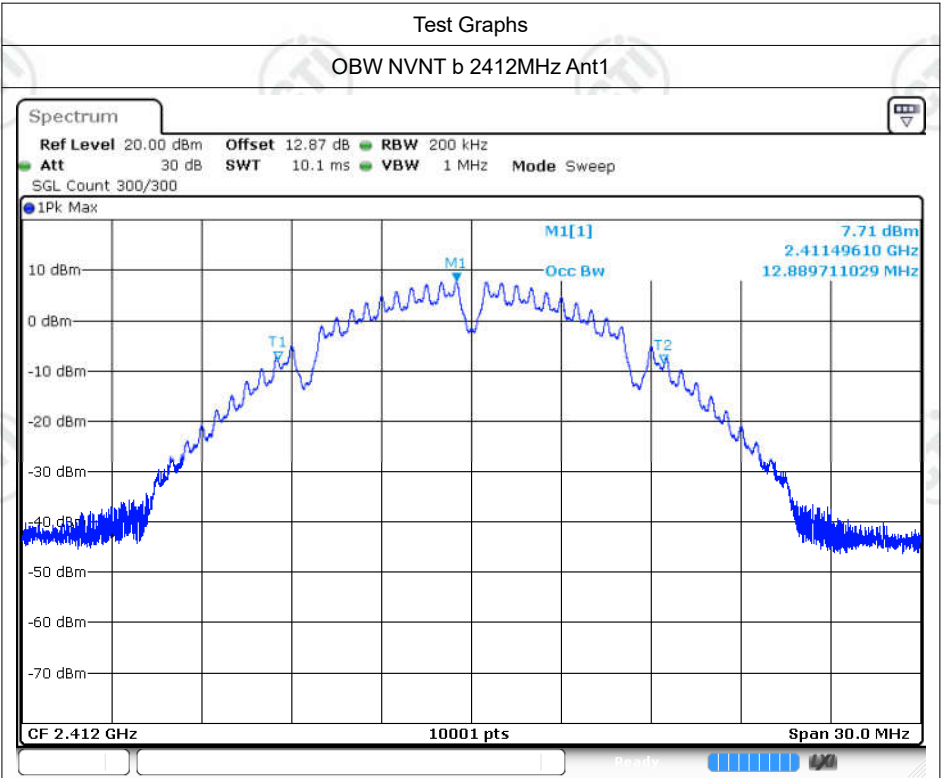
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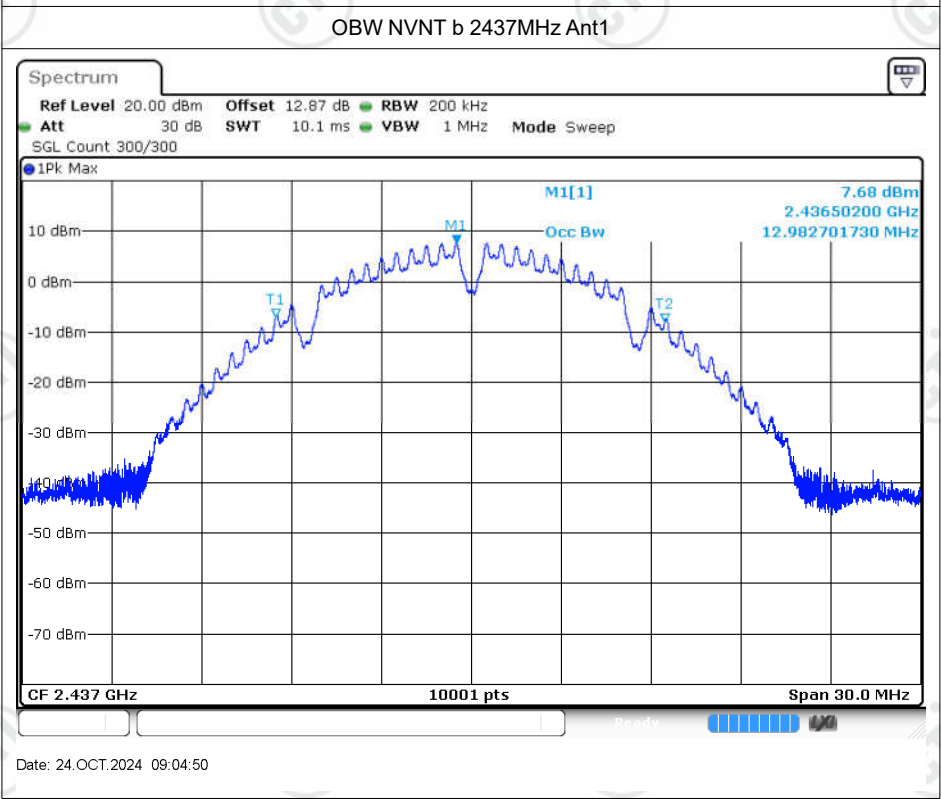
Date: 24.OCT.2024 13:00:46

Occupied Channel Bandwidth

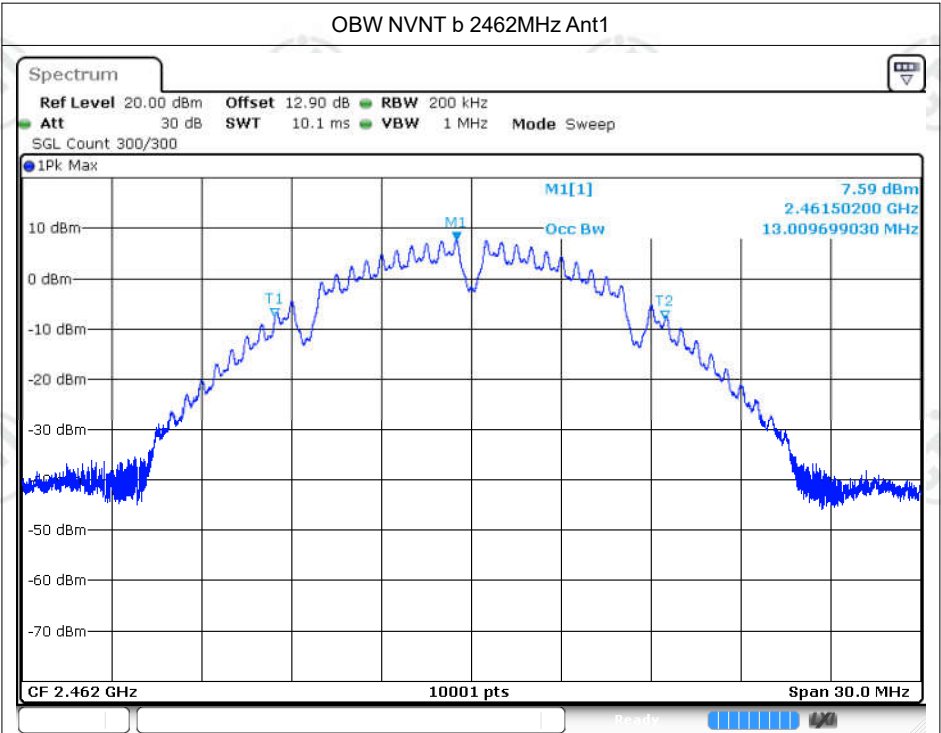
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.89
NVNT	b	2437	Ant1	12.983
NVNT	b	2462	Ant1	13.01
NVNT	b	2412	Ant2	12.989
NVNT	b	2437	Ant2	12.869
NVNT	b	2462	Ant2	12.776
NVNT	g	2412	Ant1	16.357
NVNT	g	2437	Ant1	16.36
NVNT	g	2462	Ant1	16.375
NVNT	g	2412	Ant2	16.399
NVNT	g	2437	Ant2	16.378
NVNT	g	2462	Ant2	16.375
NVNT	n20	2412	Ant1	17.569
NVNT	n20	2437	Ant1	17.578
NVNT	n20	2462	Ant1	17.587
NVNT	n20	2412	Ant2	17.599
NVNT	n20	2437	Ant2	17.584
NVNT	n20	2462	Ant2	17.584
NVNT	n40	2422	Ant1	36.086
NVNT	n40	2437	Ant1	36.092
NVNT	n40	2452	Ant1	36.098
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NVNT	n40	2437	Ant2	36.092
NVNT	n40	2452	Ant2	36.08



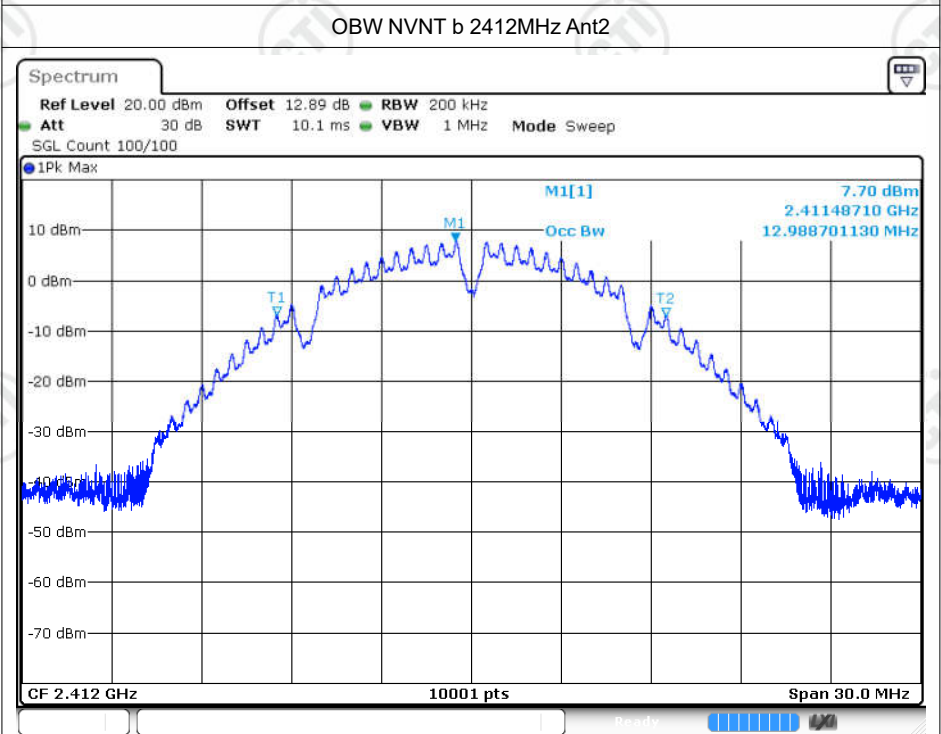
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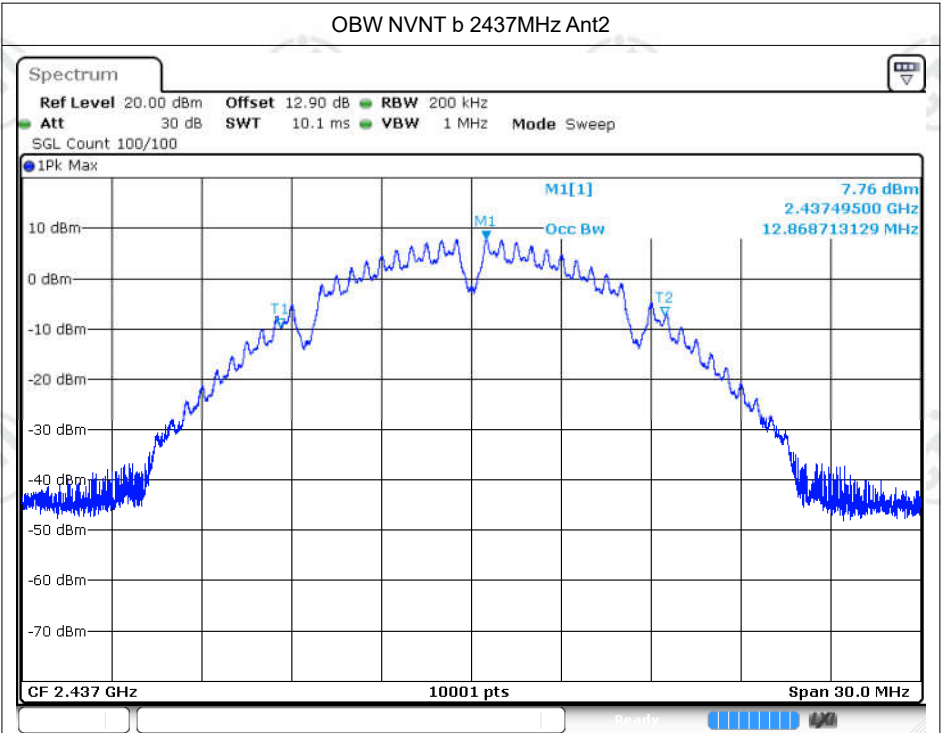
Date: 24.OCT.2024 09:04:50



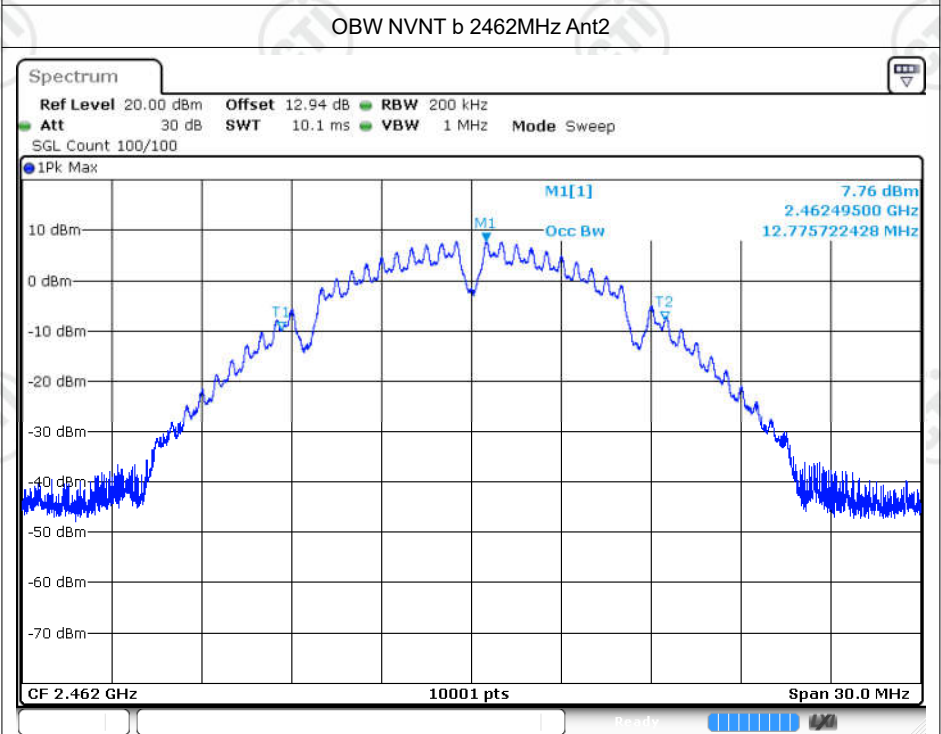
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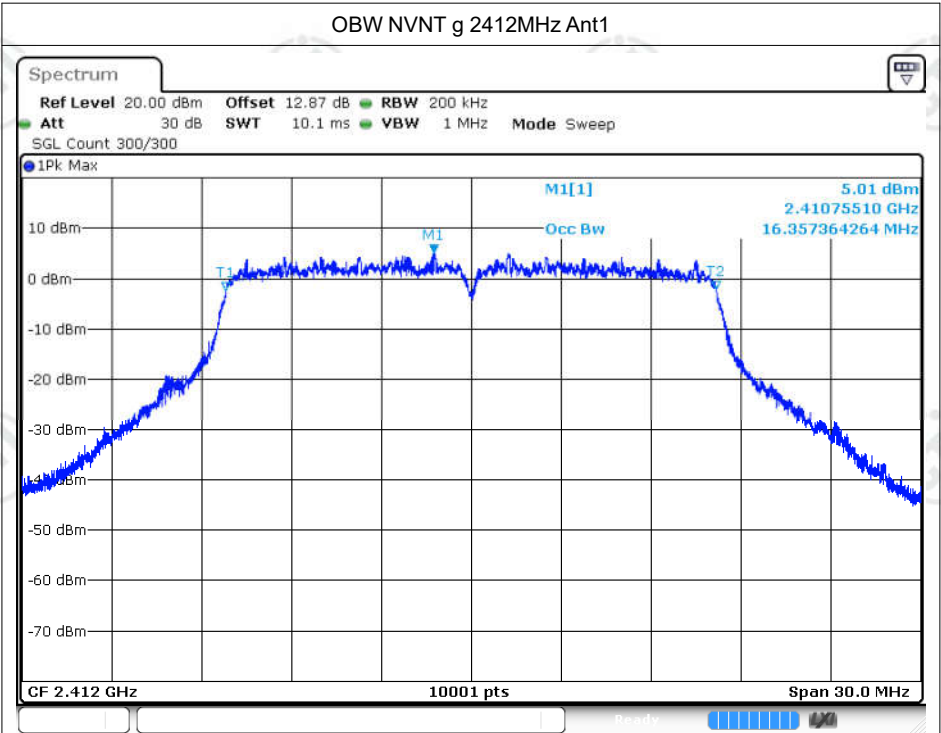
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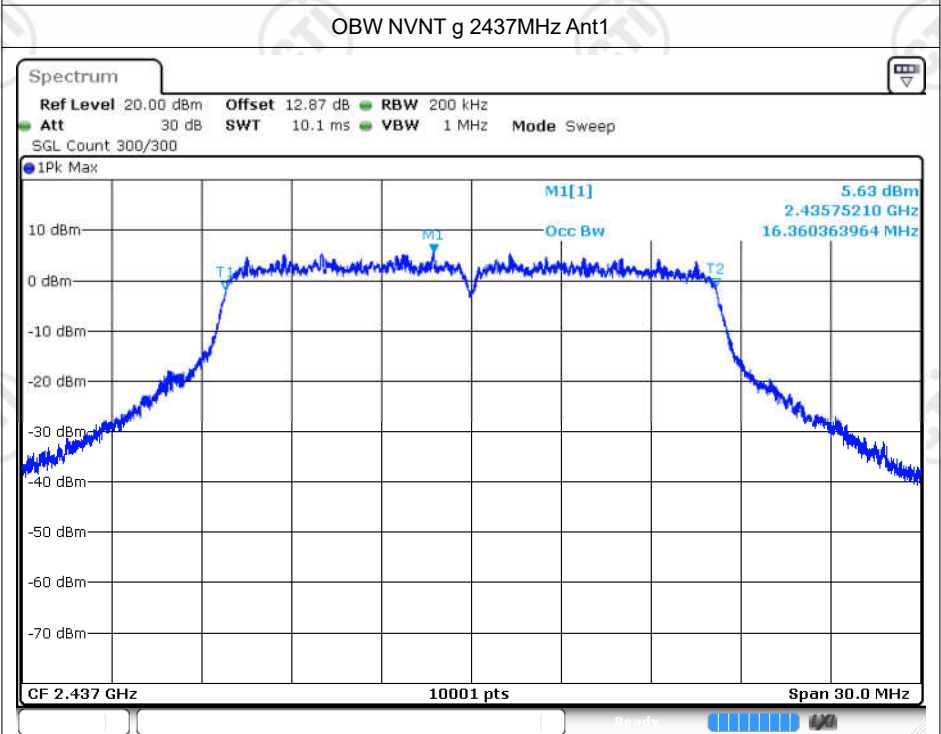
Date: 24.OCT.2024 10:03:43



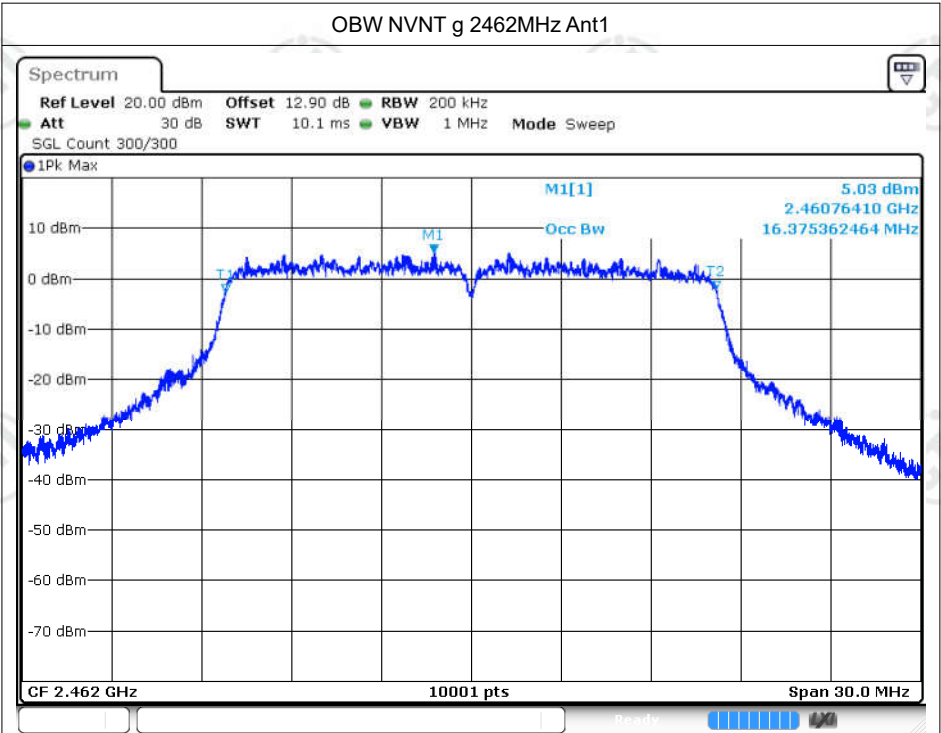
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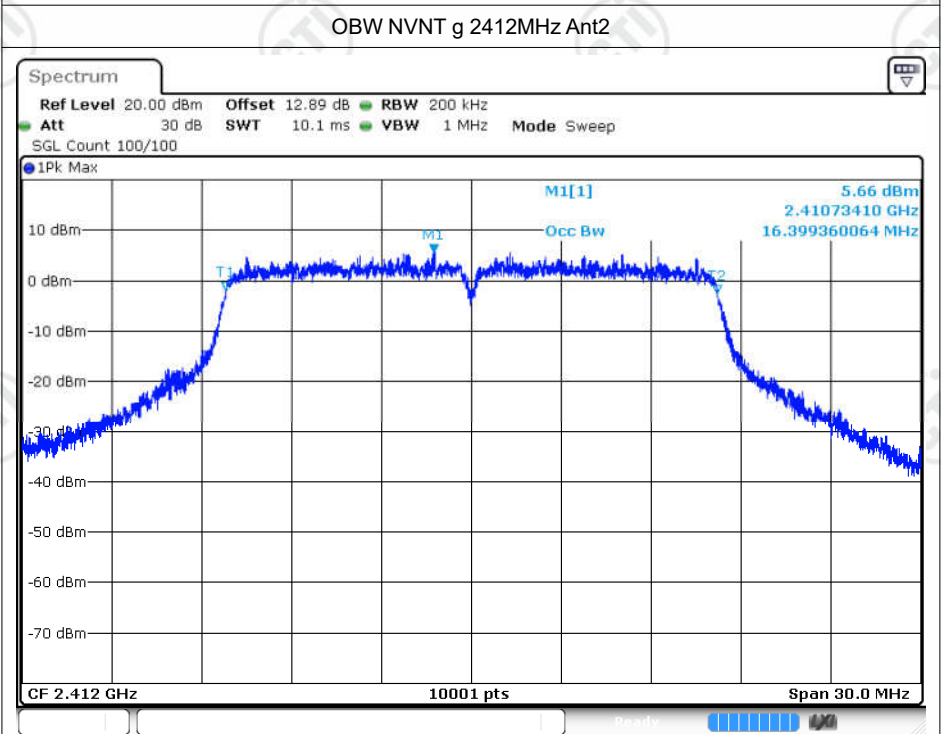
Date: 24.OCT.2024 09:15:01



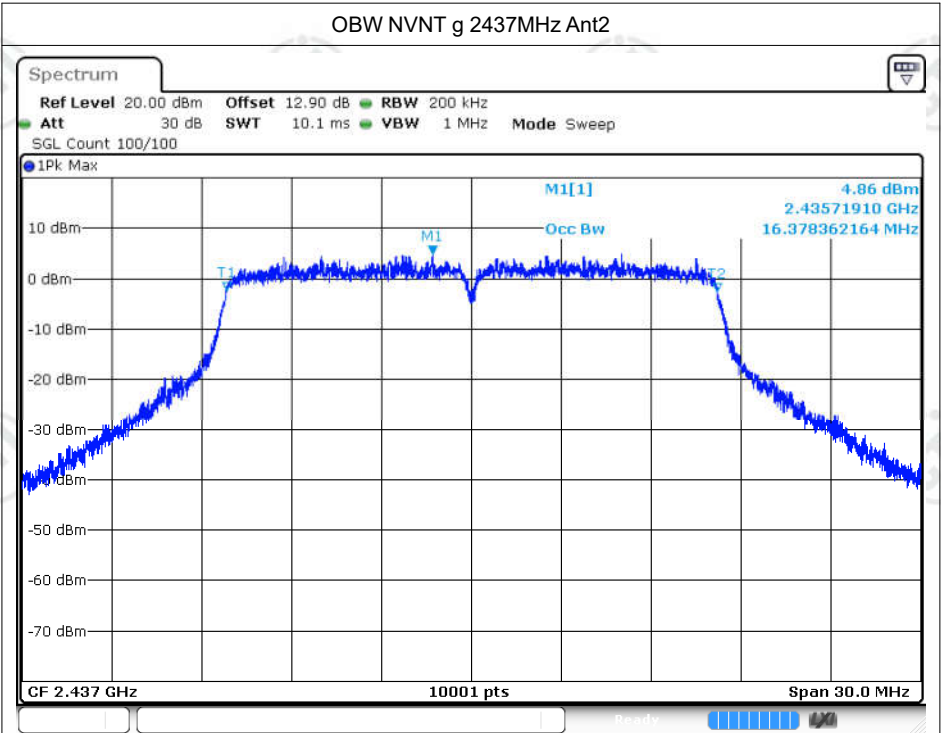
Date: 24.OCT.2024 09:18:02



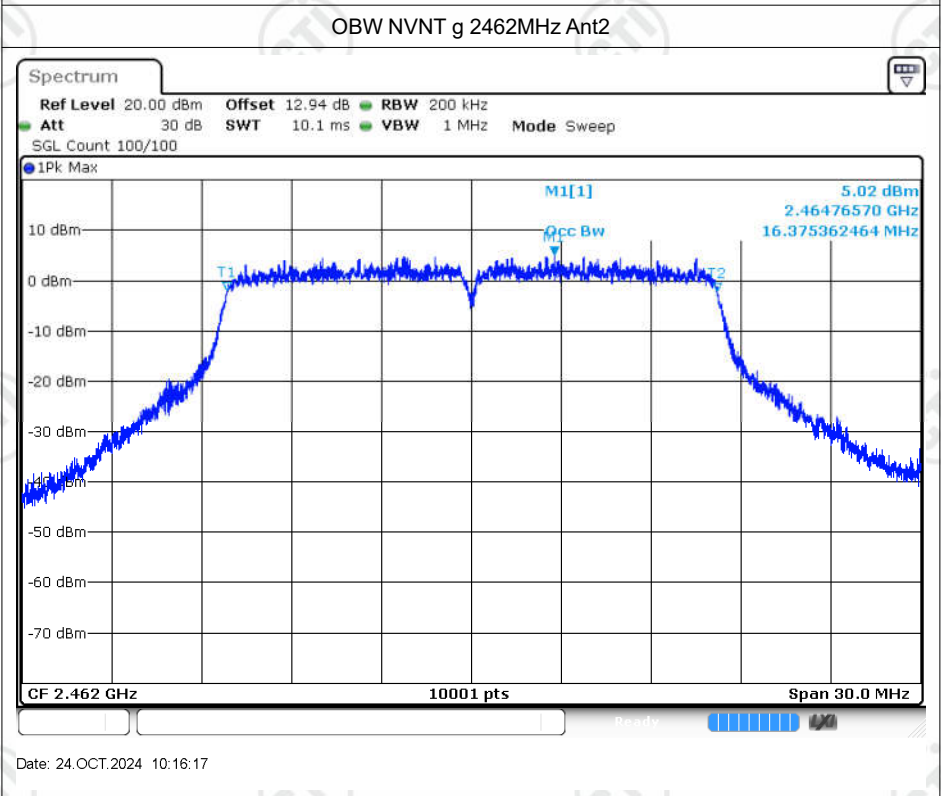
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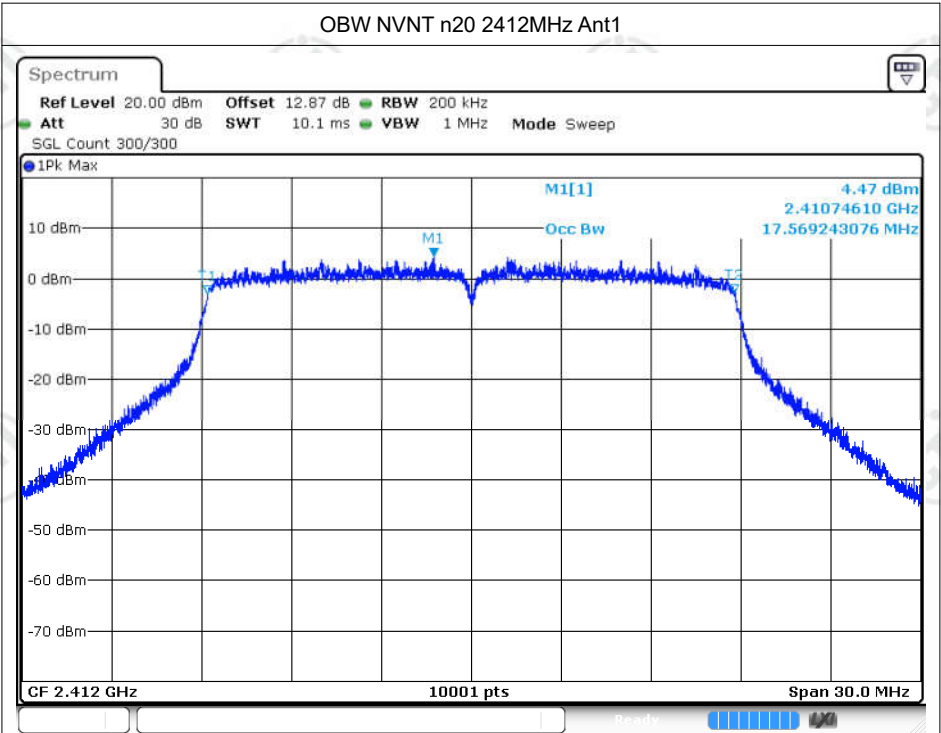
Date: 24.OCT.2024 10:13:11



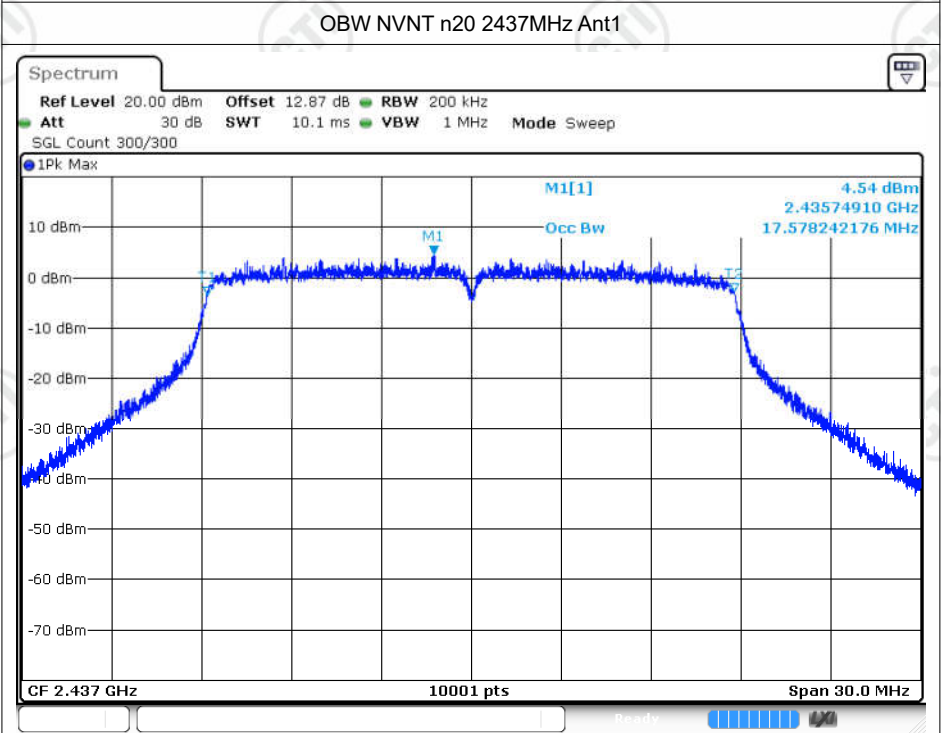
Date: 24.OCT.2024 10:14:25



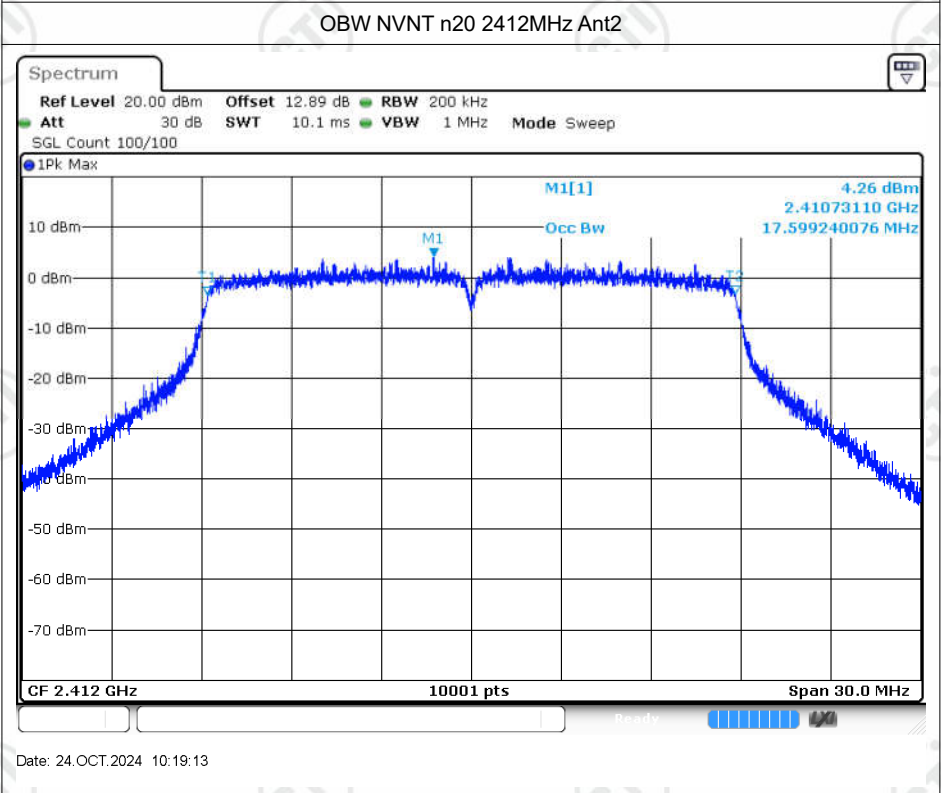
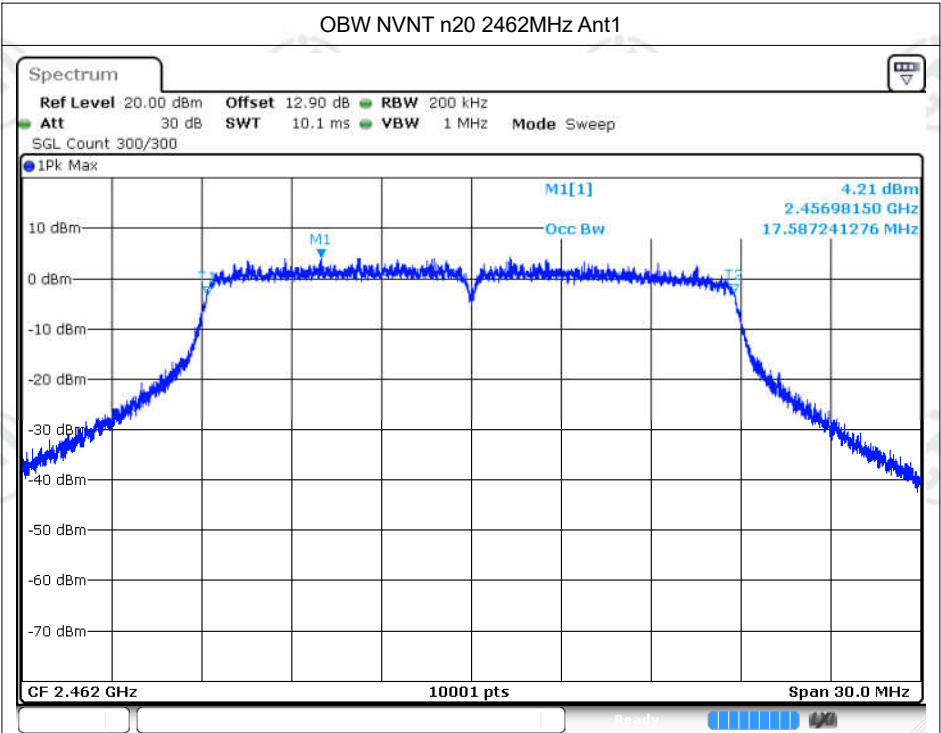
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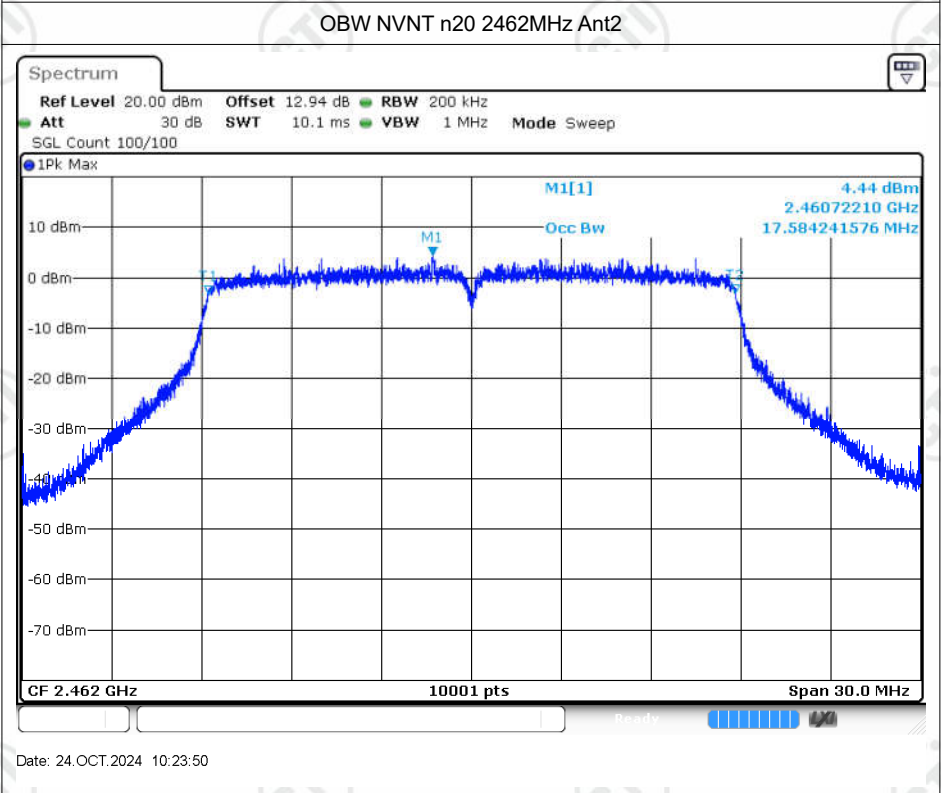
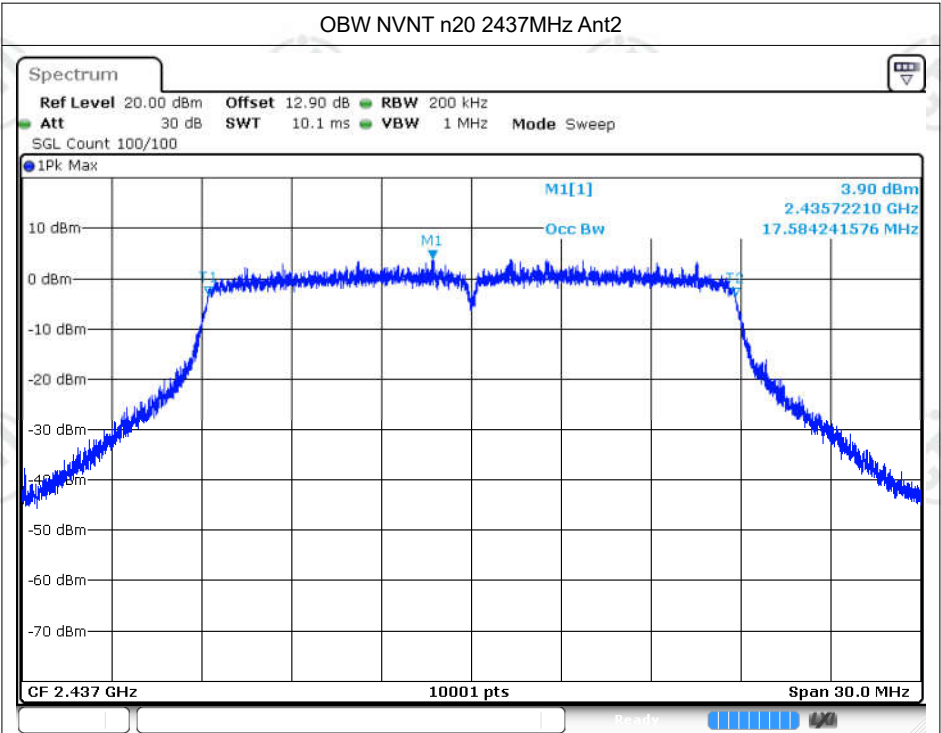


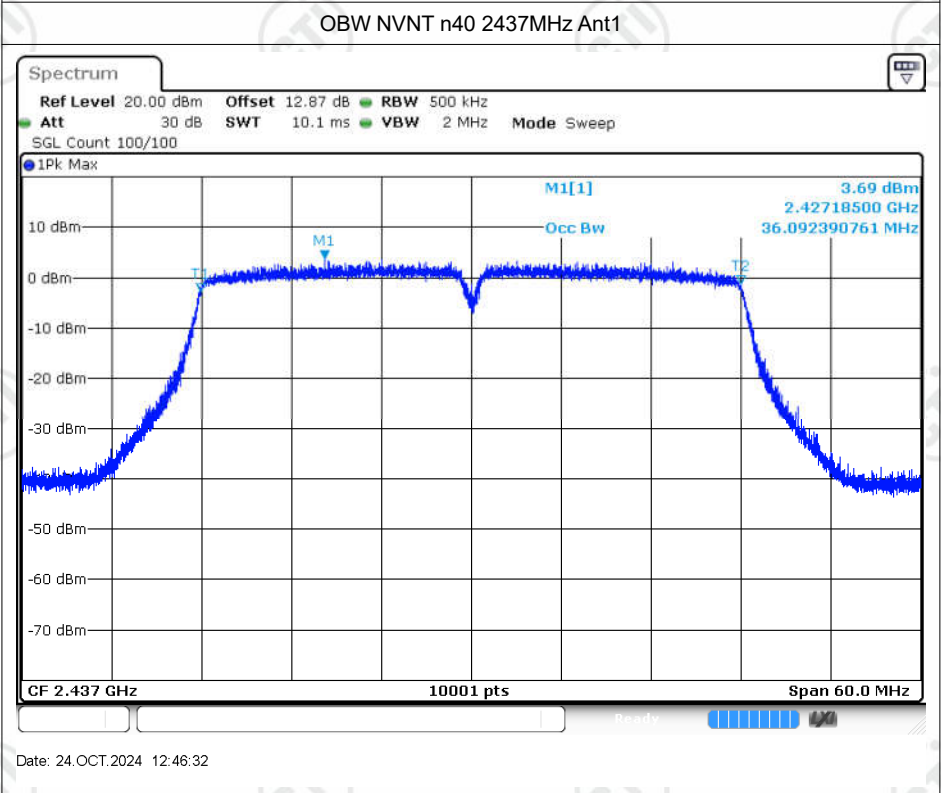
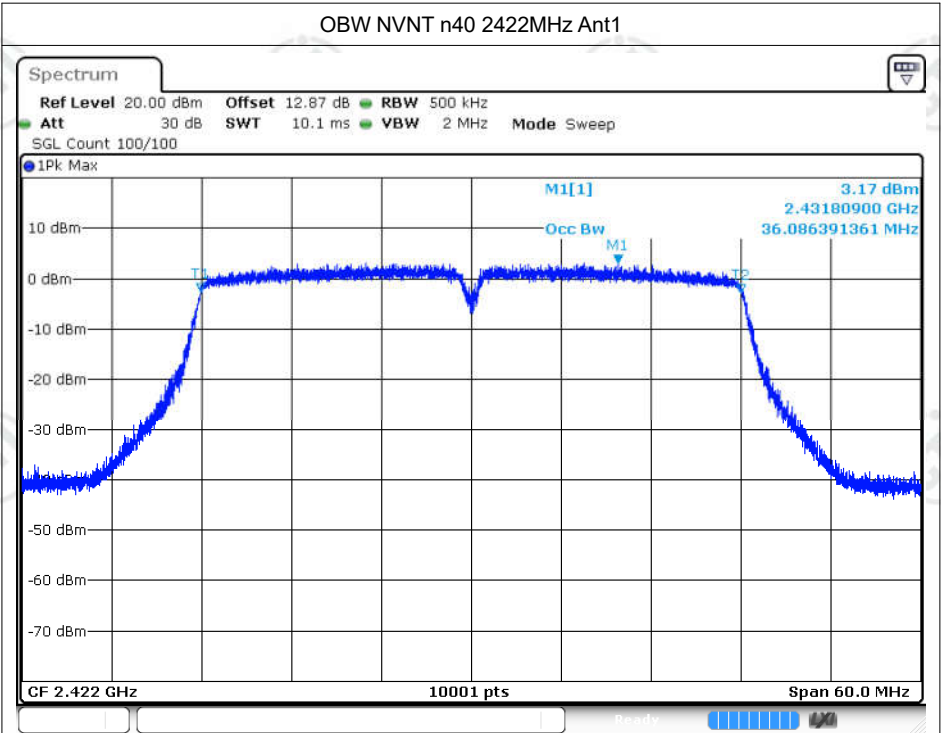
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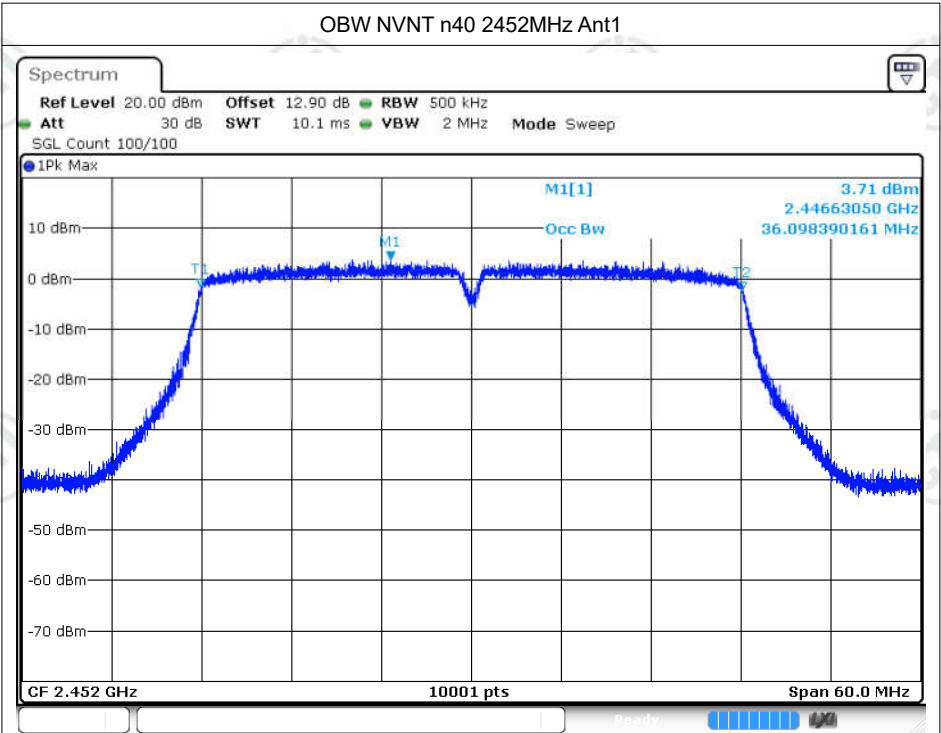


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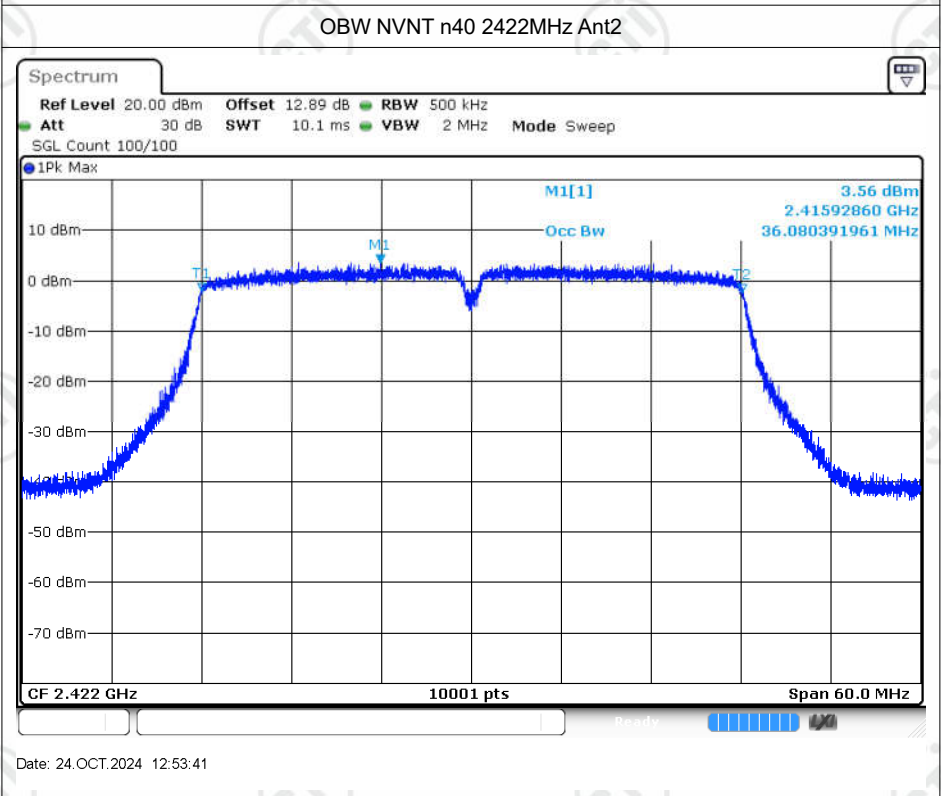




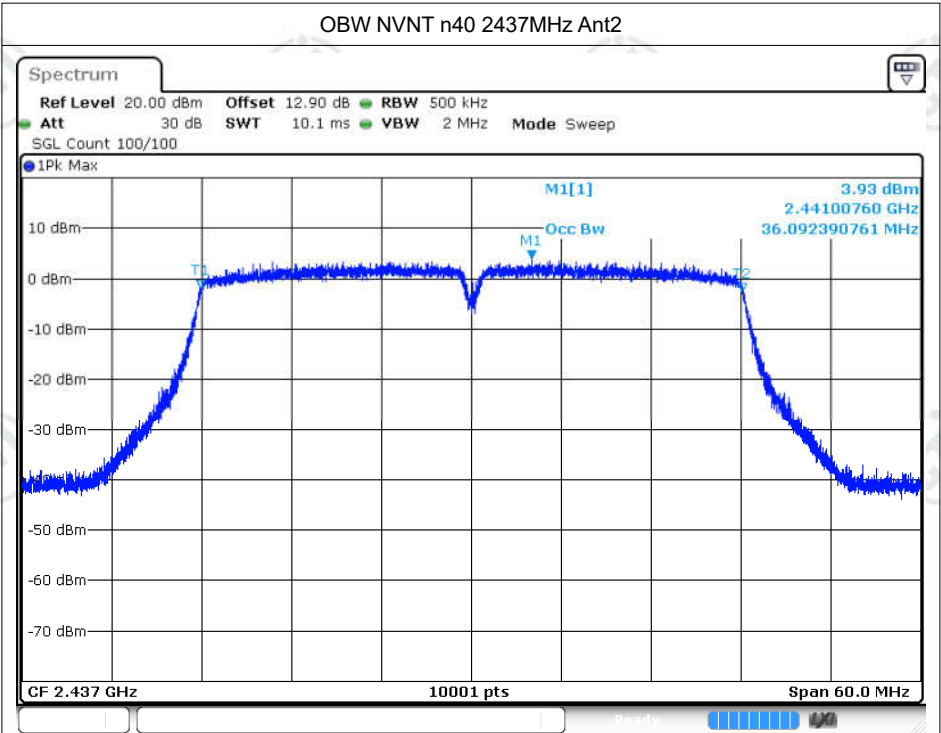




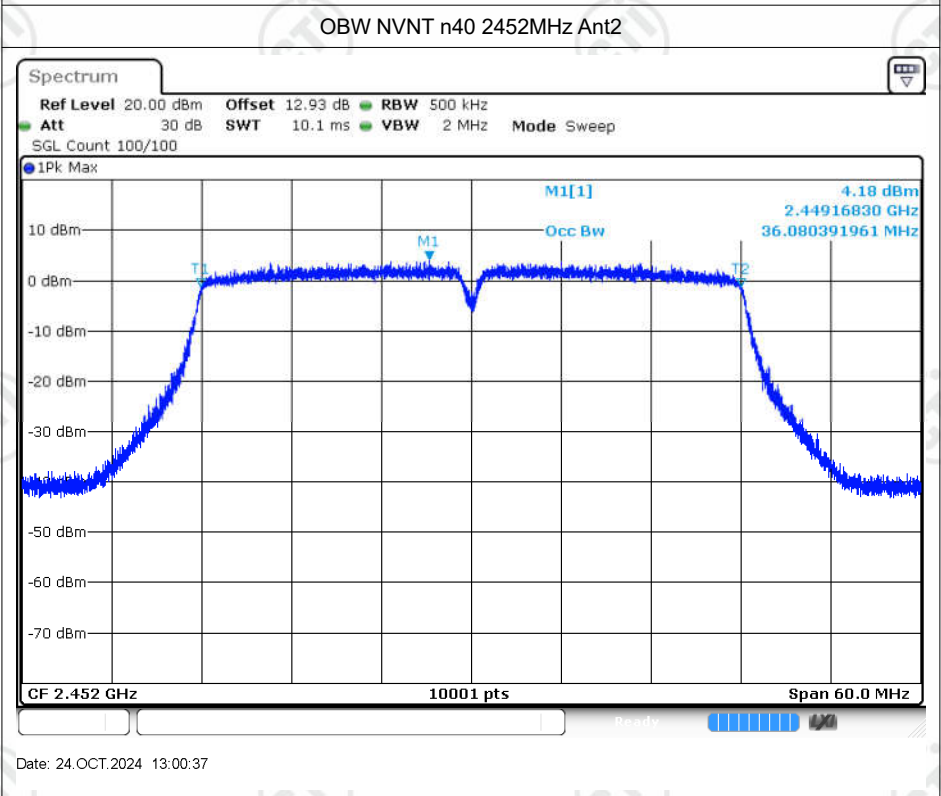
Date: 24.OCT.2024 12:49:29



Date: 24.OCT.2024 12:53:41



Date: 24.OCT.2024 12:57:35

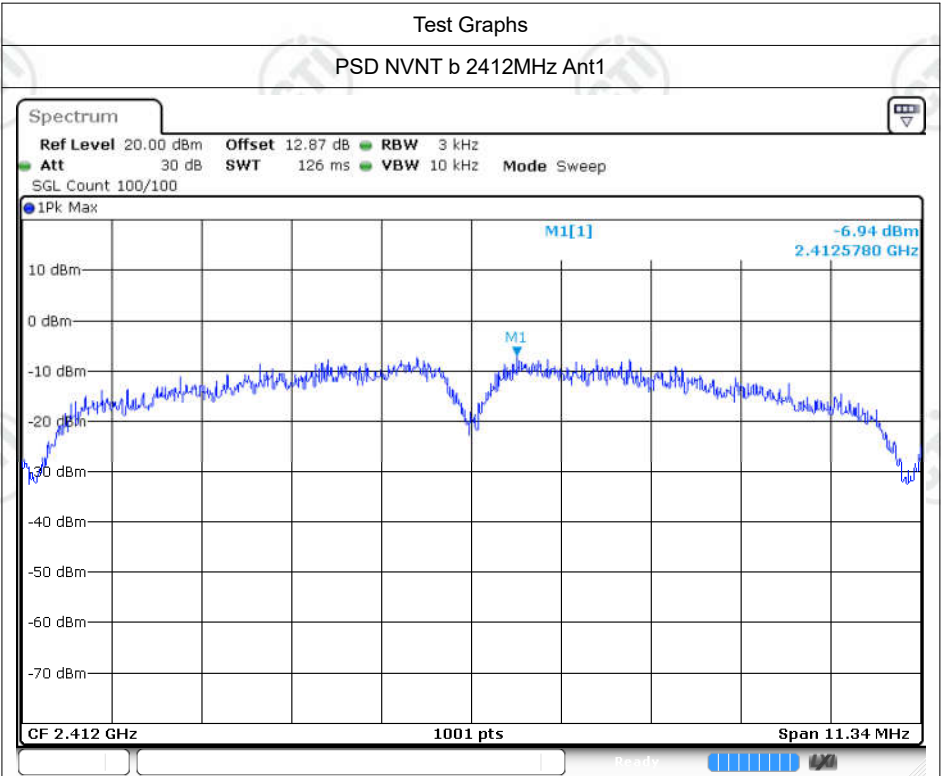


Date: 24.OCT.2024 13:00:37

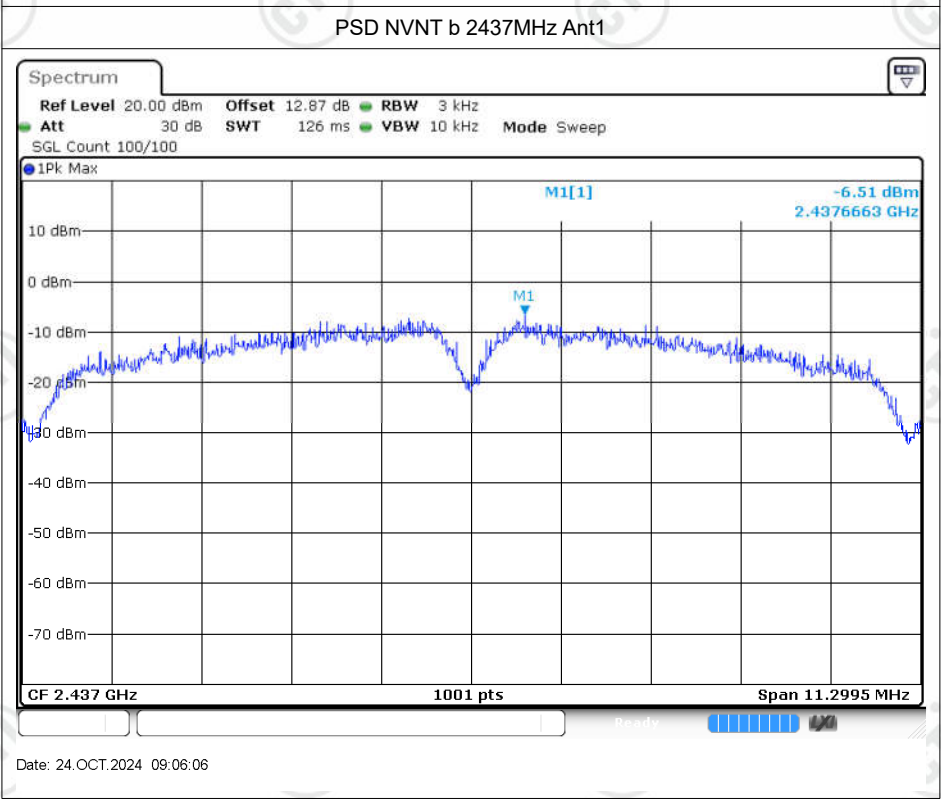
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-6.94	8	Pass
NVNT	b	2437	Ant1	-6.51	8	Pass
NVNT	b	2462	Ant1	-5.78	8	Pass
NVNT	b	2412	Ant2	-5.45	8	Pass
NVNT	b	2437	Ant2	-6.5	8	Pass
NVNT	b	2462	Ant2	-6.18	8	Pass
NVNT	g	2412	Ant1	-12.52	8	Pass
NVNT	g	2437	Ant1	-11.5	8	Pass
NVNT	g	2462	Ant1	-11.74	8	Pass
NVNT	g	2412	Ant2	-11.15	8	Pass
NVNT	g	2437	Ant2	-11.14	8	Pass
NVNT	g	2462	Ant2	-10.9	8	Pass
NVNT	n20	2412	Ant1	-12.06	8	Pass
NVNT	n20	2437	Ant1	-11.04	8	Pass
NVNT	n20	2462	Ant1	-11.44	8	Pass
NVNT	n20	2412	Ant2	-11.64	8	Pass
NVNT	n20	2437	Ant2	-10.94	8	Pass
NVNT	n20	2462	Ant2	-11.38	8	Pass
NVNT	n20	2412	Ant1	-14.45	8	Pass
NVNT	n20	2412	Ant2	-14.11	8	Pass
NVNT	n20	2412	Sum	-11.27	8	Pass
NVNT	n20	2437	Ant1	-14.23	8	Pass
NVNT	n20	2437	Ant2	-13.38	8	Pass
NVNT	n20	2437	Sum	-10.77	8	Pass
NVNT	n20	2462	Ant1	-14.22	8	Pass
NVNT	n20	2462	Ant2	-14.13	8	Pass
NVNT	n20	2462	Sum	-11.16	8	Pass
NVNT	n40	2422	Ant1	-15.82	8	Pass
NVNT	n40	2437	Ant1	-15.64	8	Pass
NVNT	n40	2452	Ant1	-14.93	8	Pass
NVNT	n40	2422	Ant2	-15.23	8	Pass
NVNT	n40	2437	Ant2	-15.25	8	Pass
NVNT	n40	2452	Ant2	-14.75	8	Pass
NVNT	n40	2422	Ant1	-17.44	8	Pass
NVNT	n40	2422	Ant2	-18.23	8	Pass
NVNT	n40	2422	Sum	-14.81	8	Pass
NVNT	n40	2437	Ant1	-17.08	8	Pass

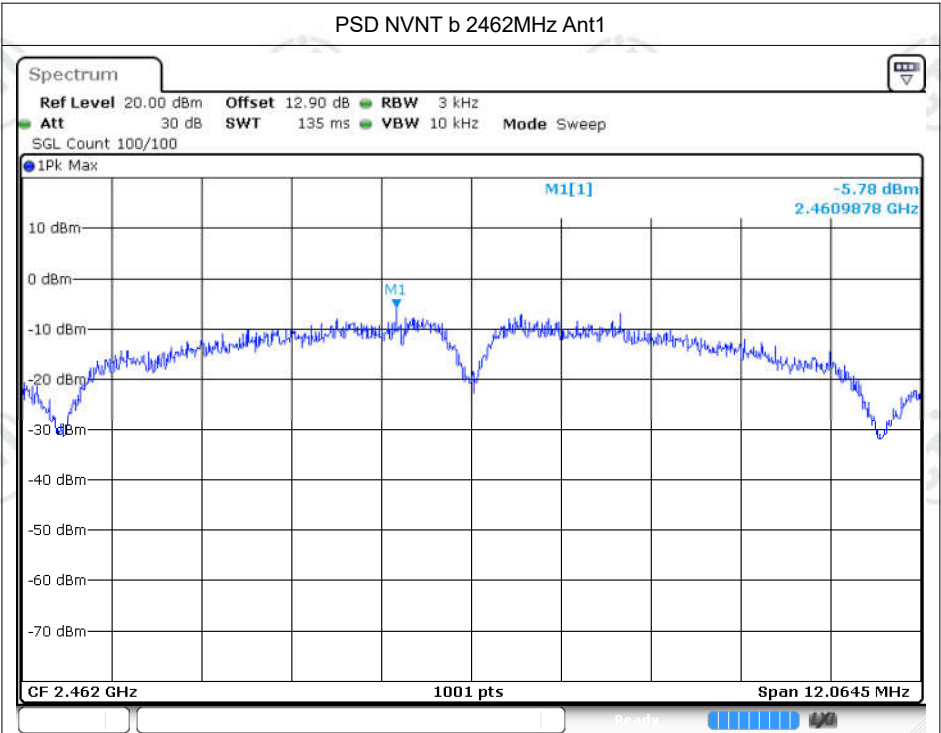
NVNT	n40	2437	Ant2	-18.2	8	Pass
NVNT	n40	2437	Sum	-14.59	8	Pass
NVNT	n40	2452	Ant1	-17.74	8	Pass
NVNT	n40	2452	Ant2	-17.89	8	Pass
NVNT	n40	2452	Sum	-14.8	8	Pass



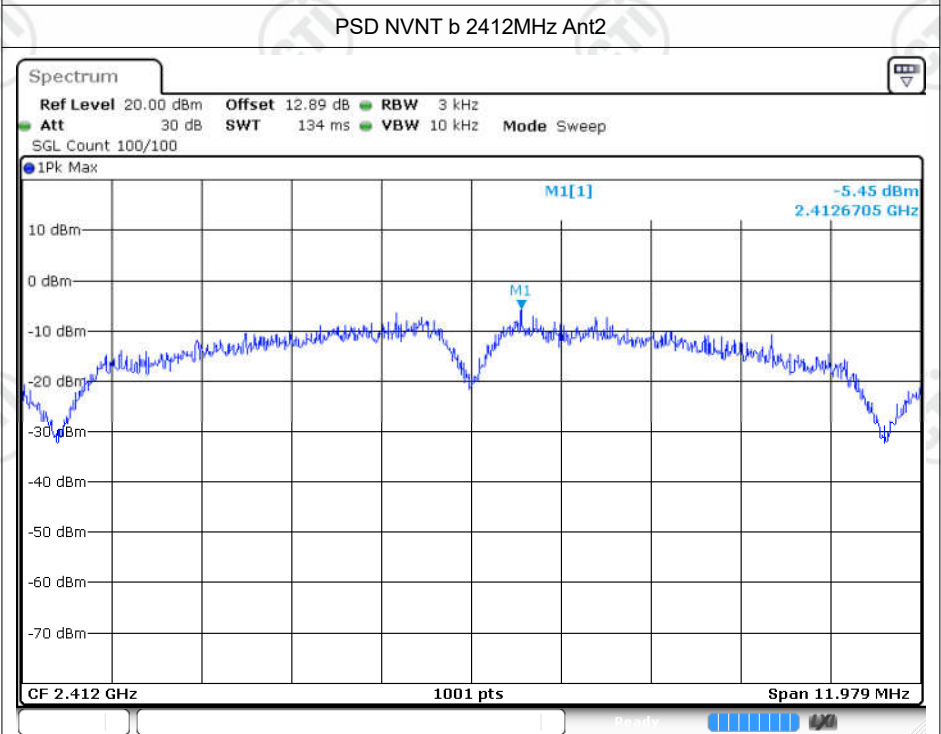
Date: 24.OCT.2024 09:02:40



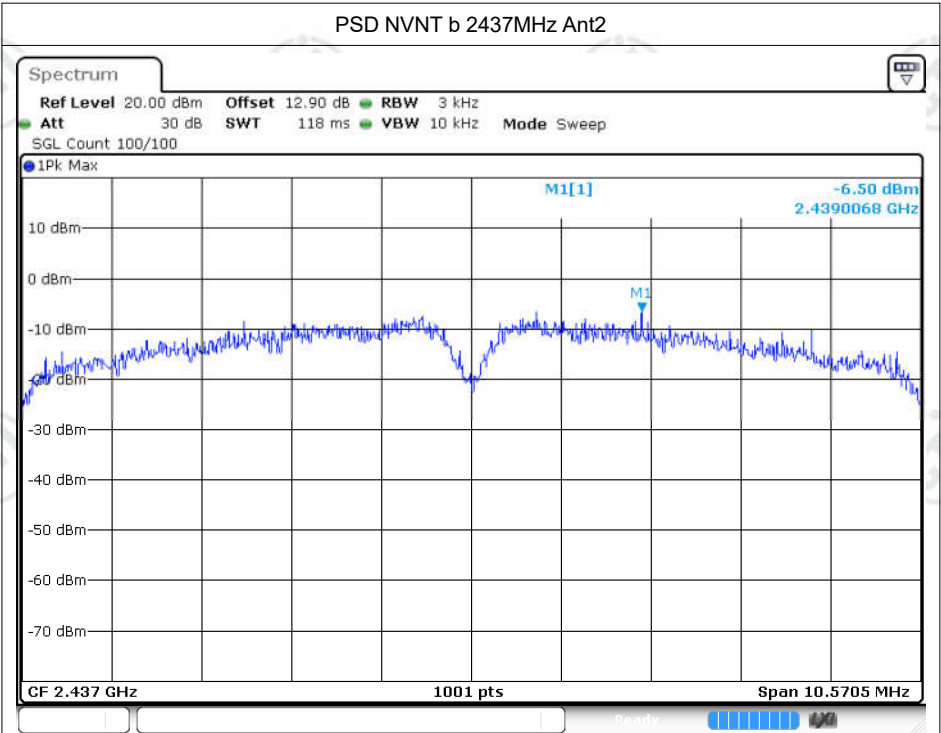
Date: 24.OCT.2024 09:06:06



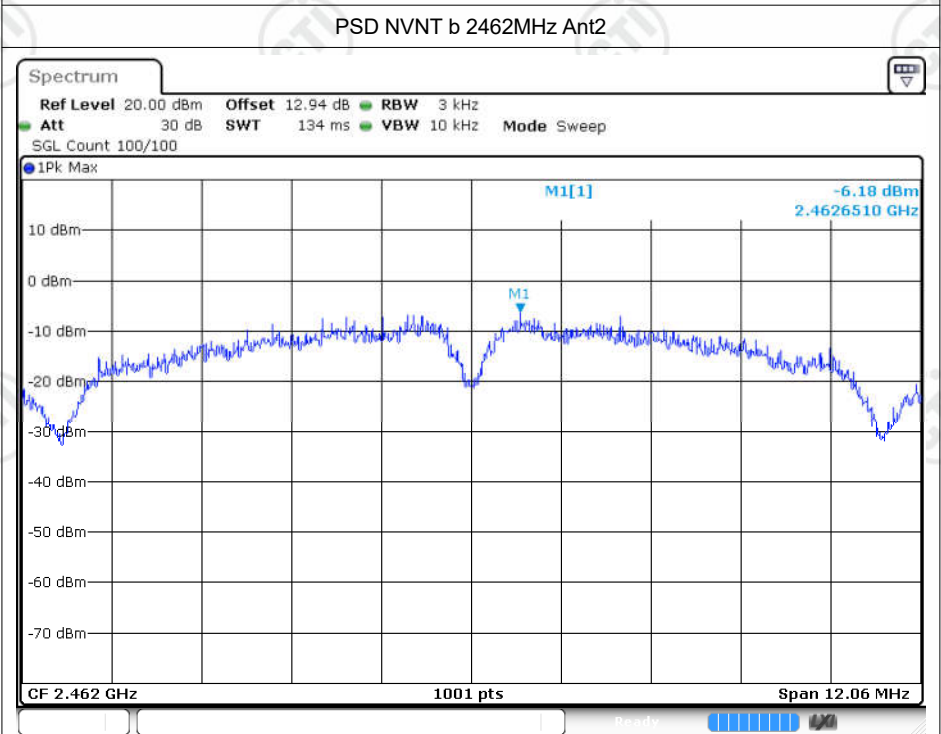
Date: 24.OCT.2024 09:09:17



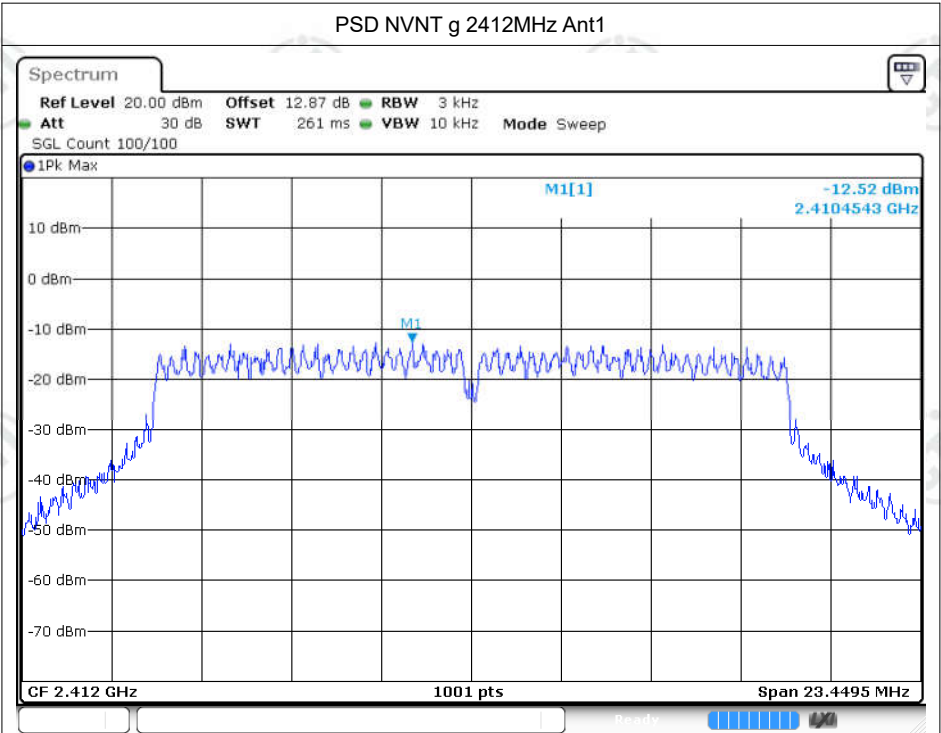
Date: 24.OCT.2024 09:59:52



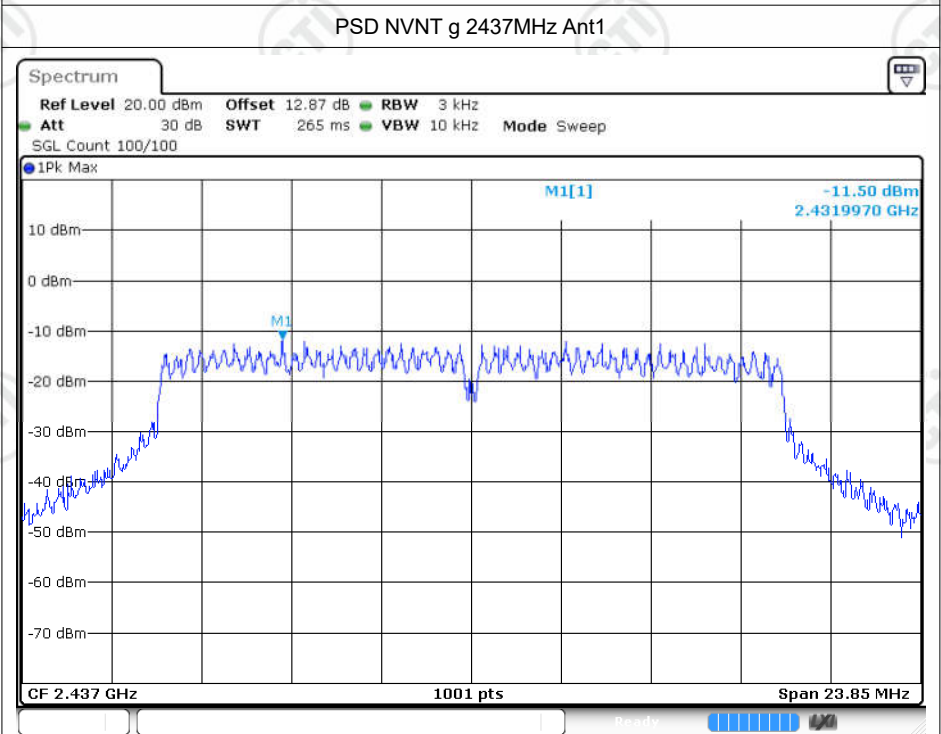
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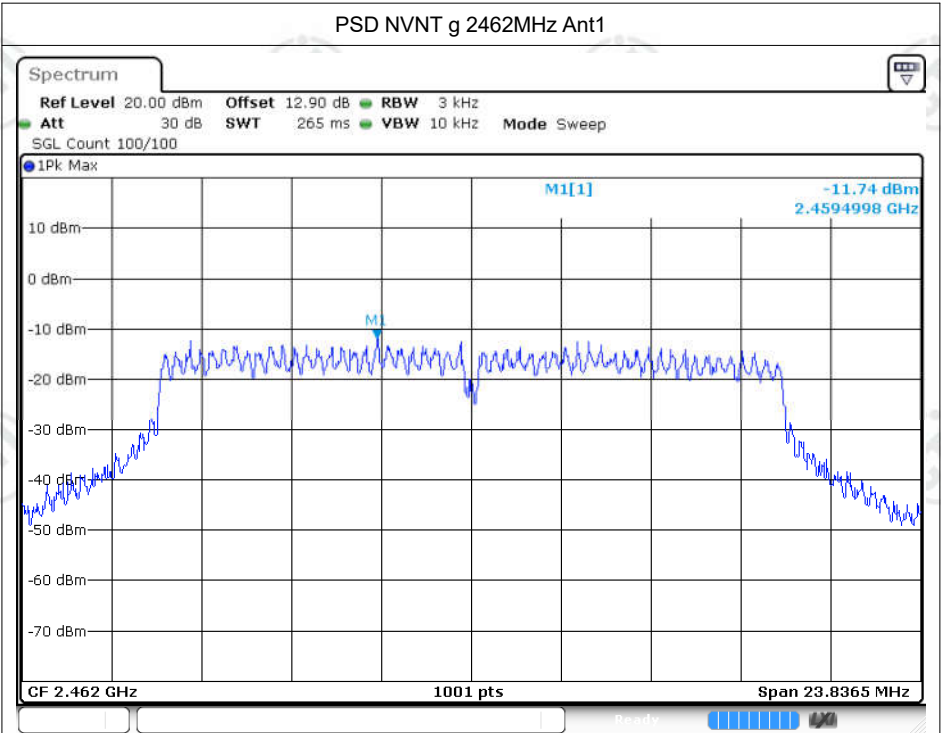
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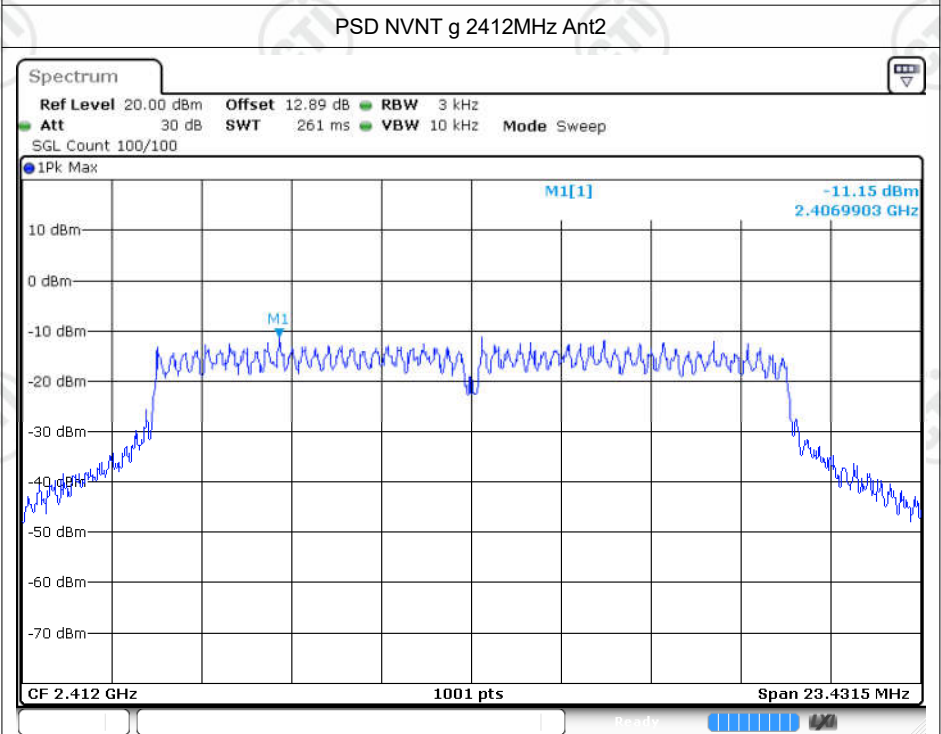
Date: 24.OCT.2024 09:15:58



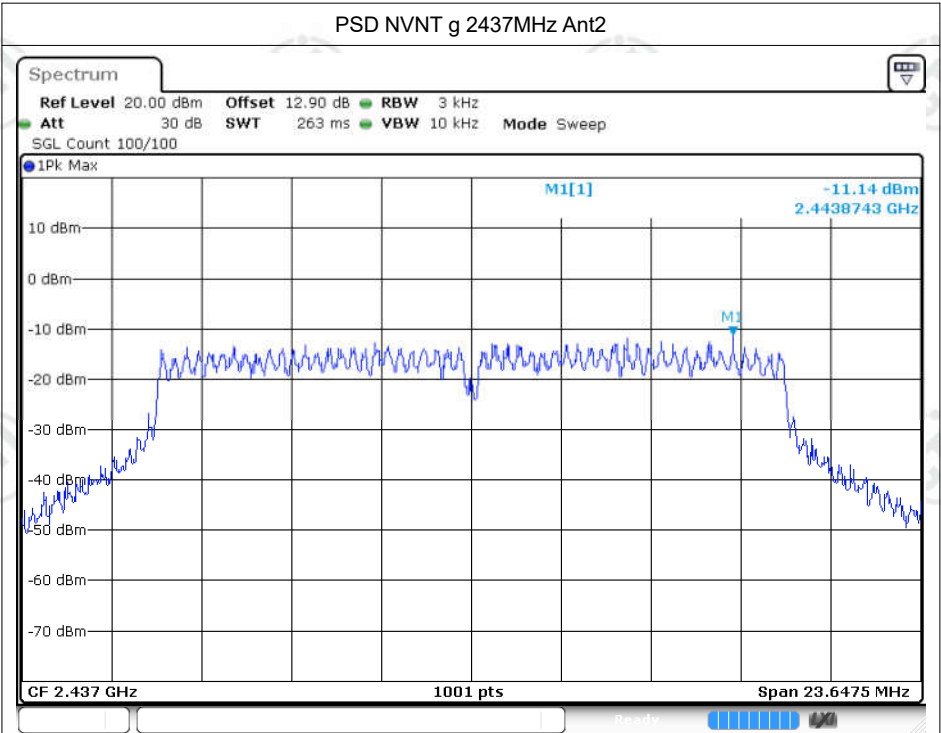
Date: 24.OCT.2024 09:19:20



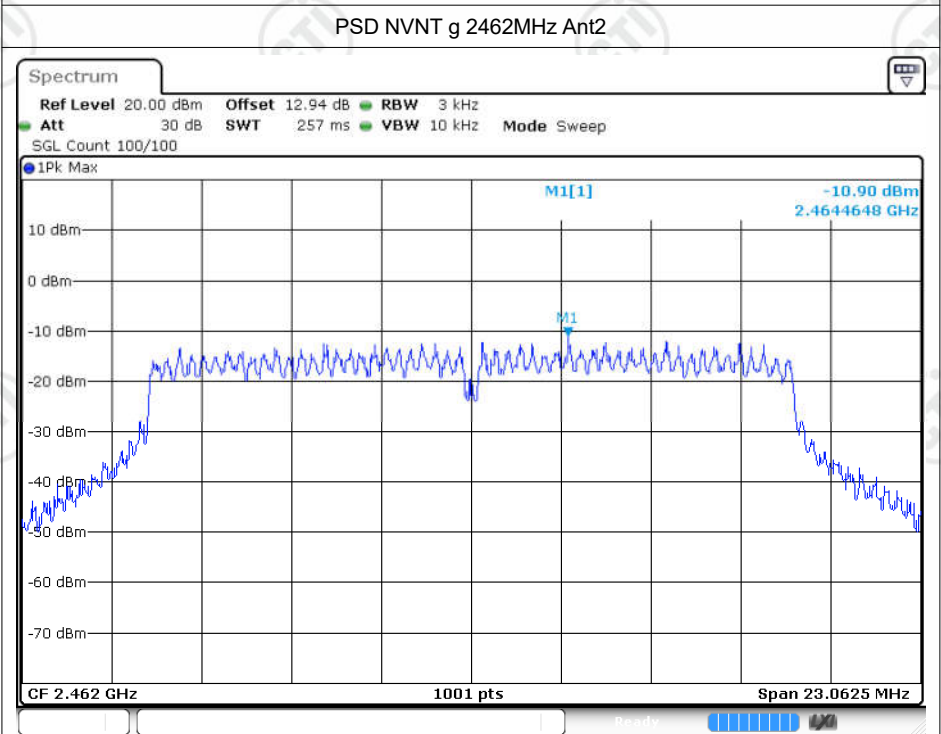
Date: 24.OCT.2024 09:22:07



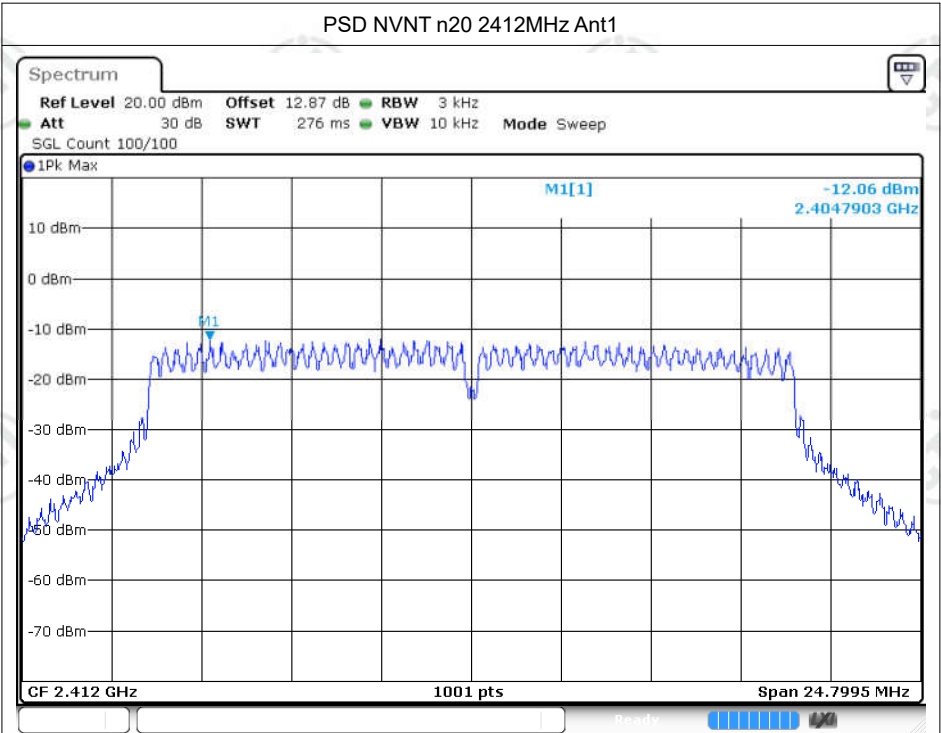
Date: 24.OCT.2024 10:13:56



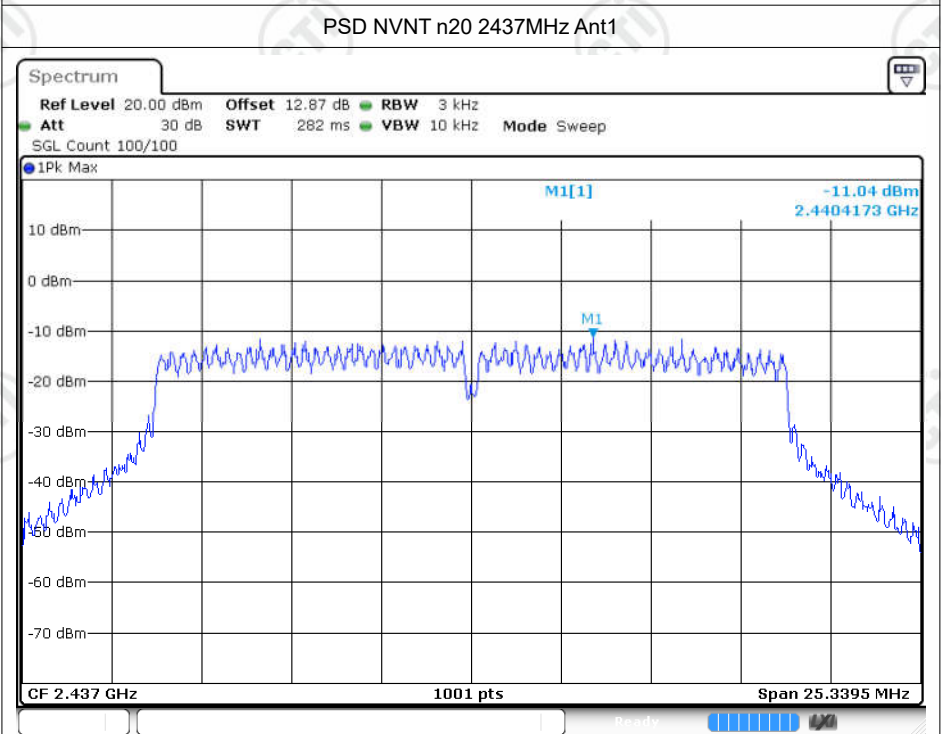
Date: 24.OCT.2024 10:15:13



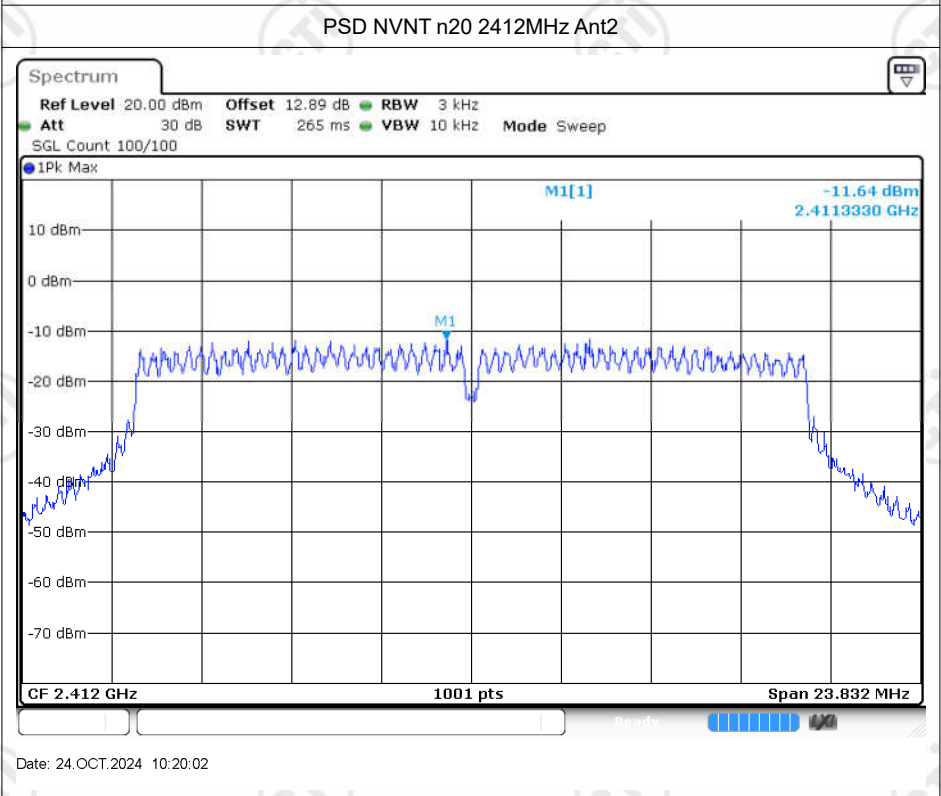
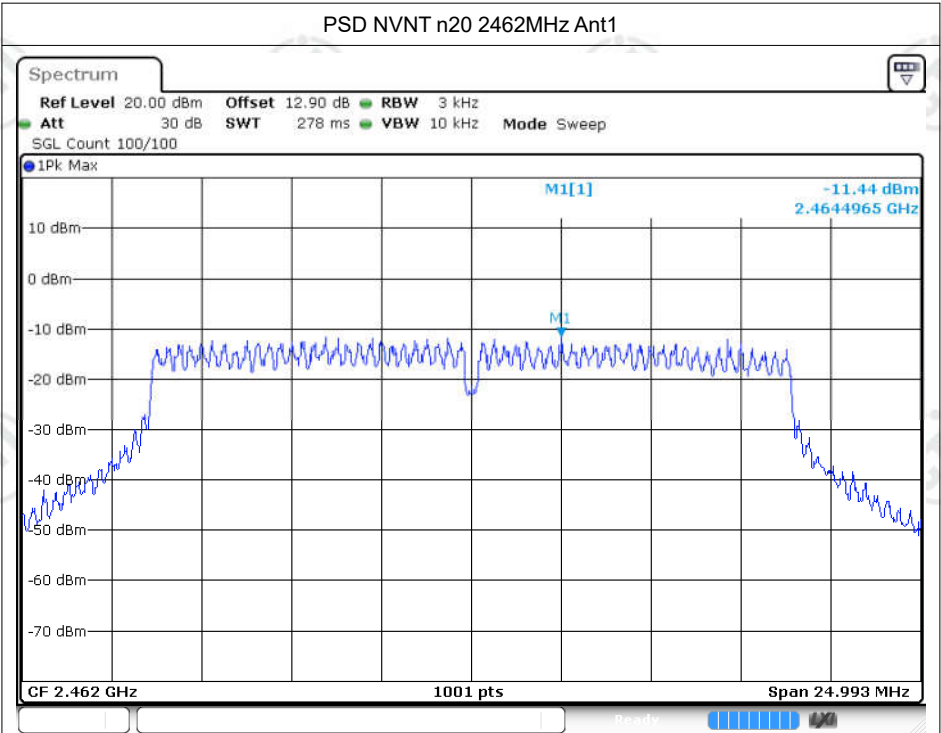
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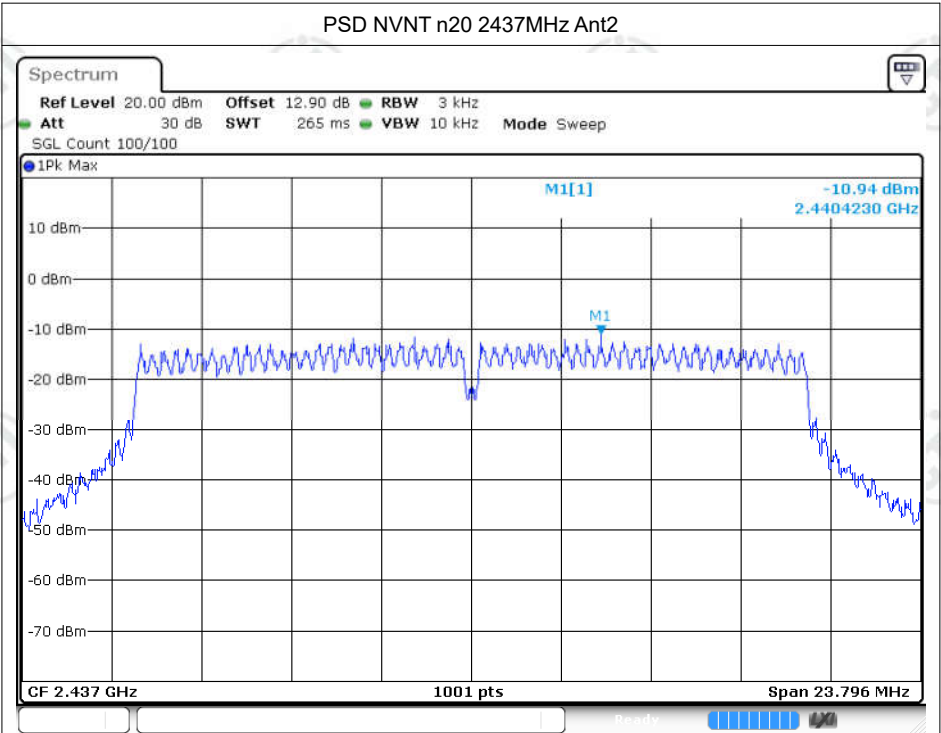


Date: 24.OCT.2024 09:26:47

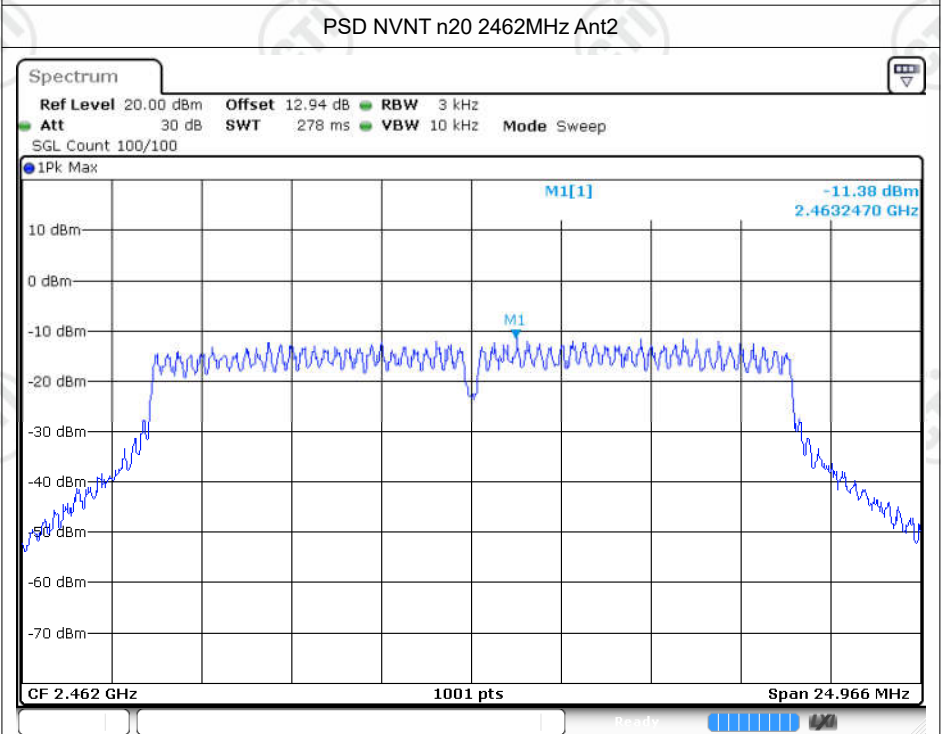


Date: 24.OCT.2024 09:30:51

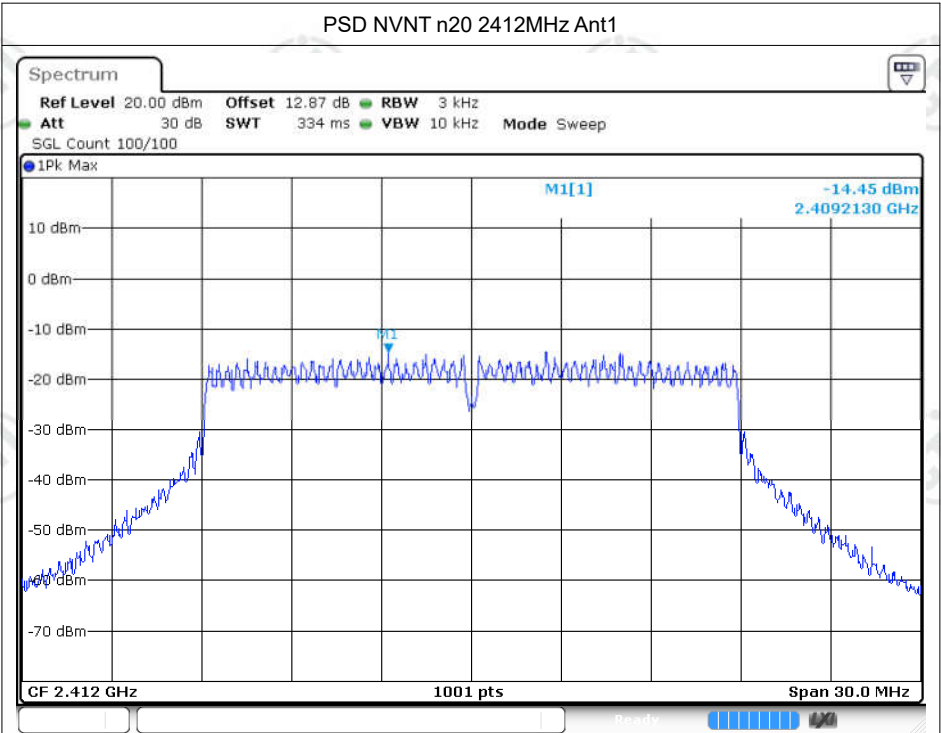




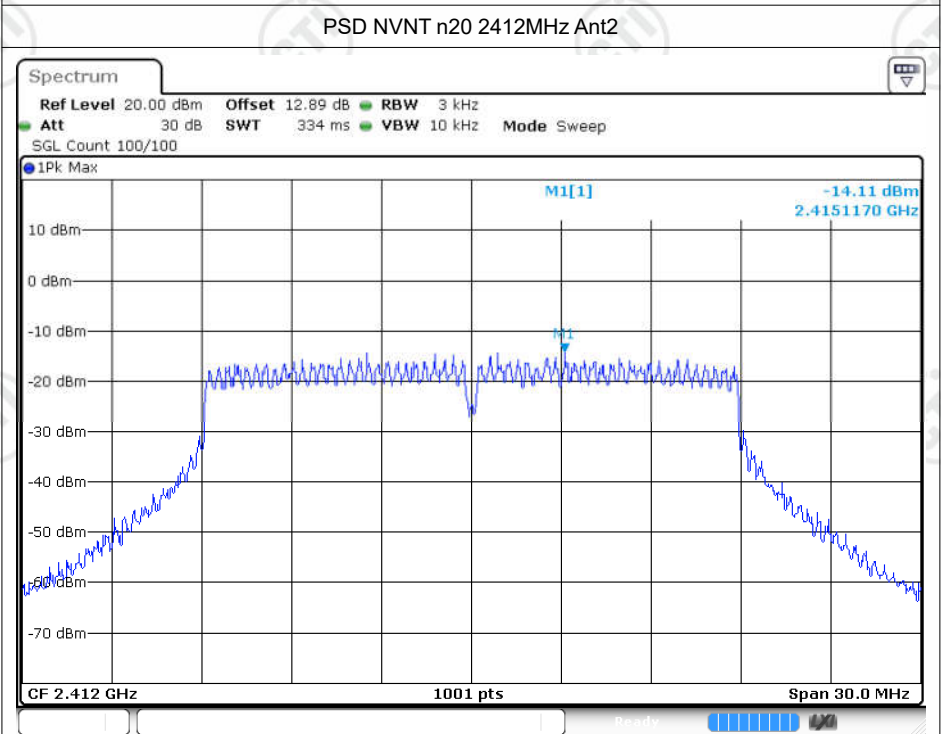
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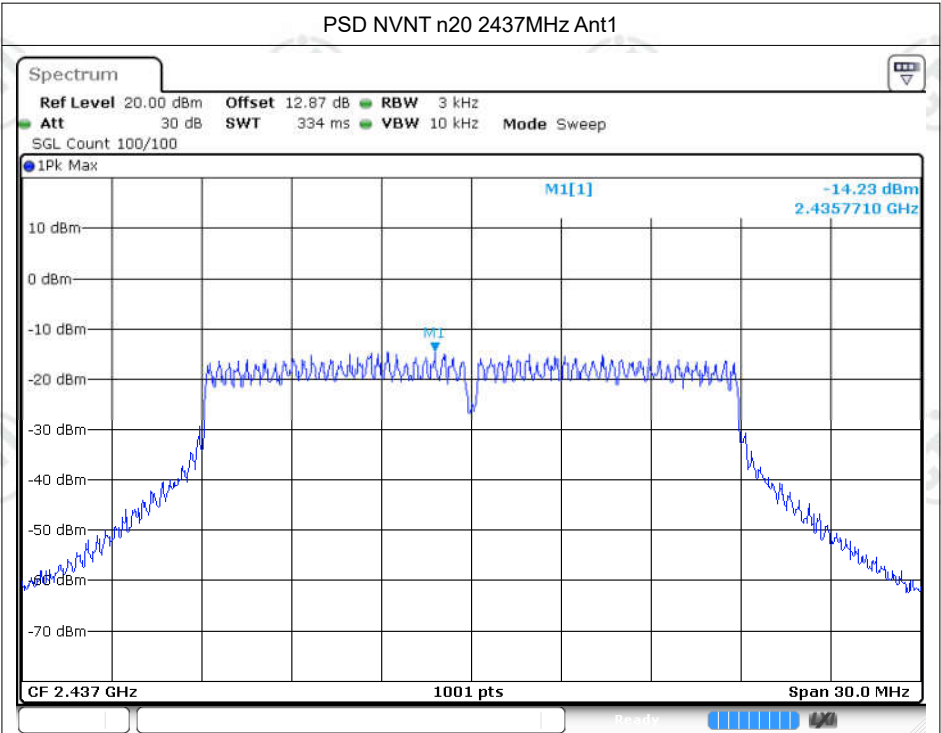
Date: 24.OCT.2024 10:24:41



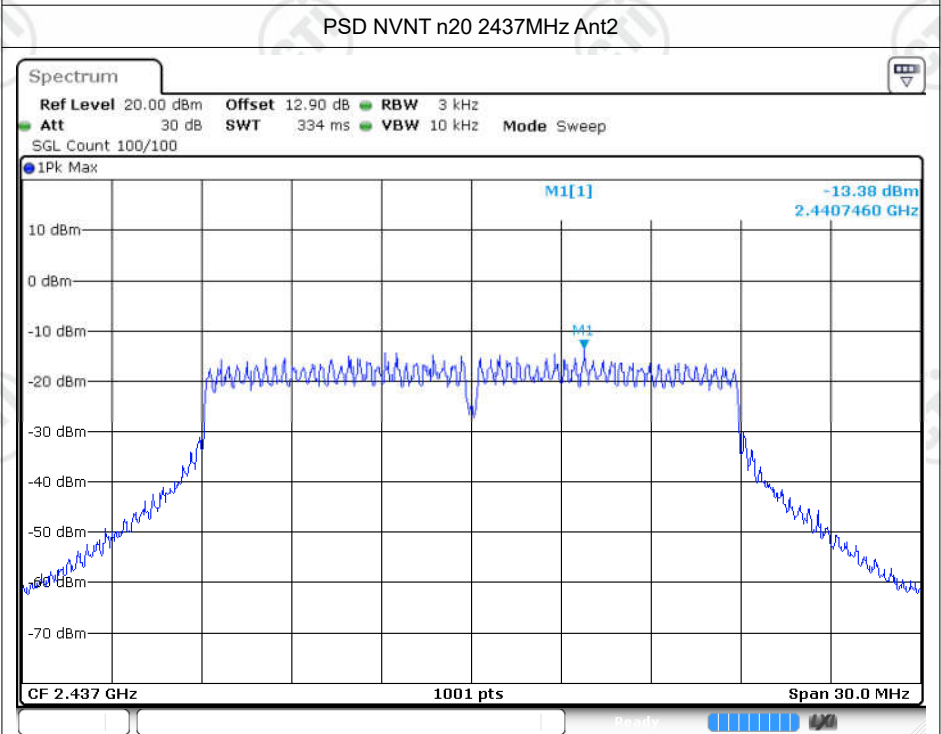
Date: 27.OCT.2024 13:16:01



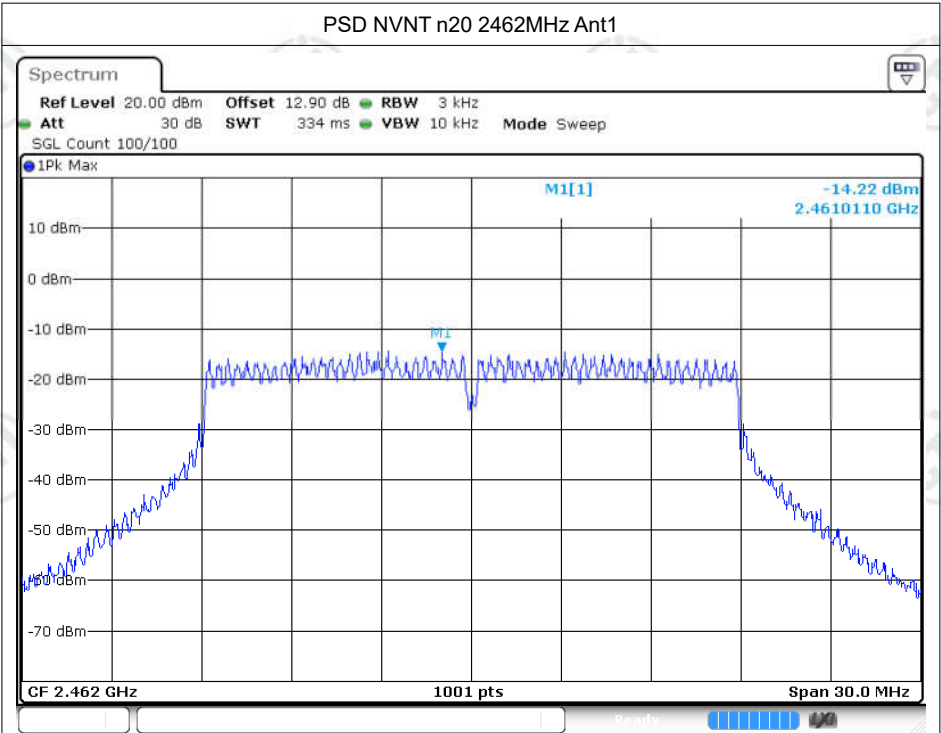
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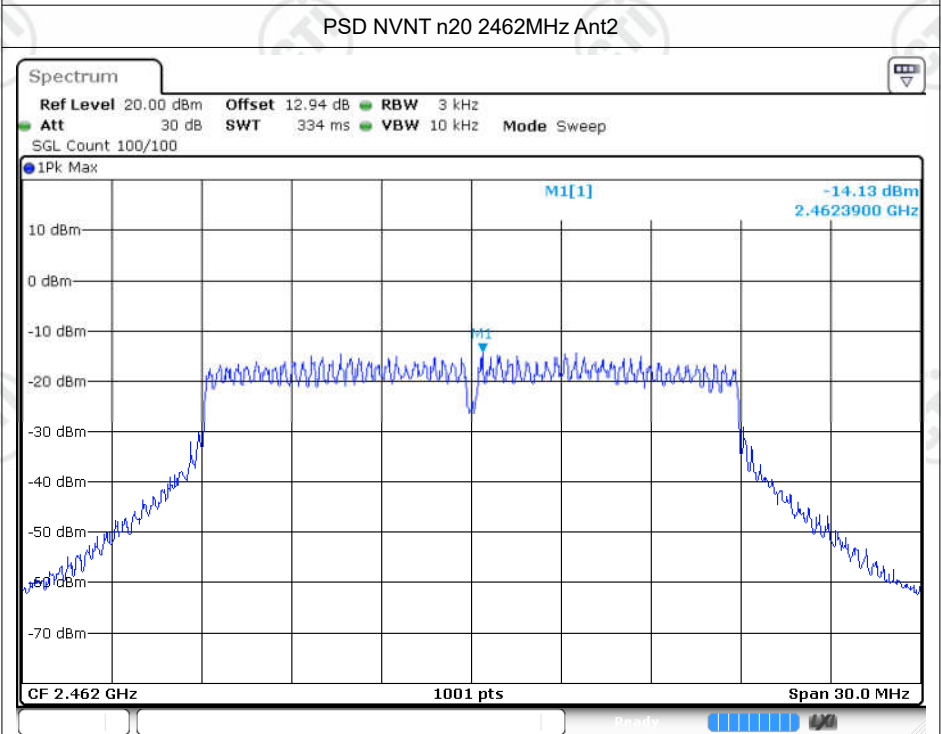
Date: 27.OCT.2024 13:18:47



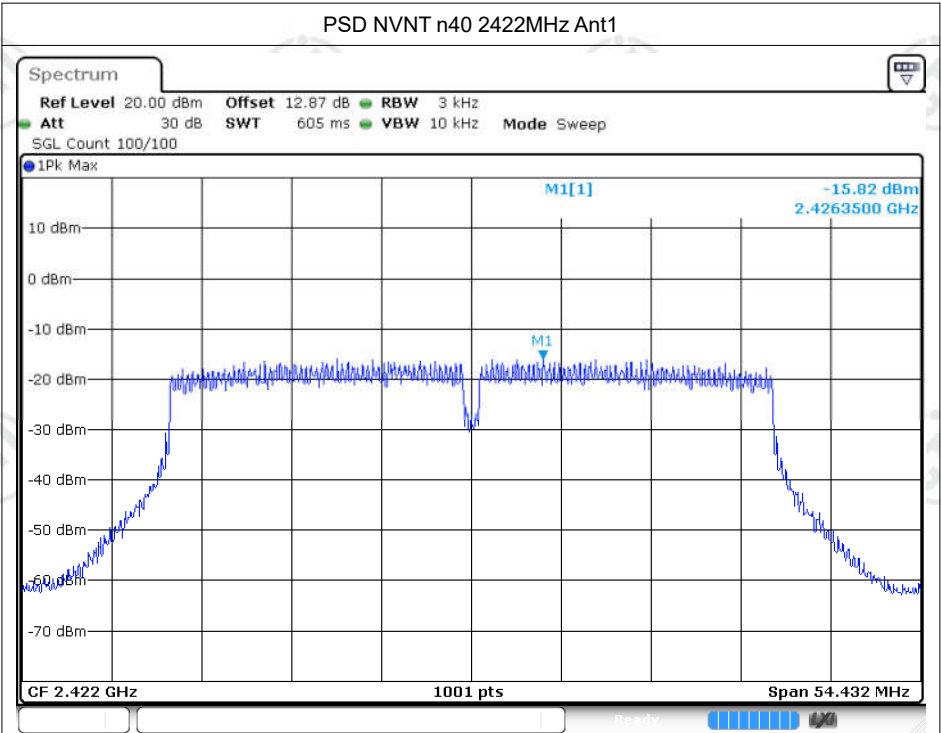
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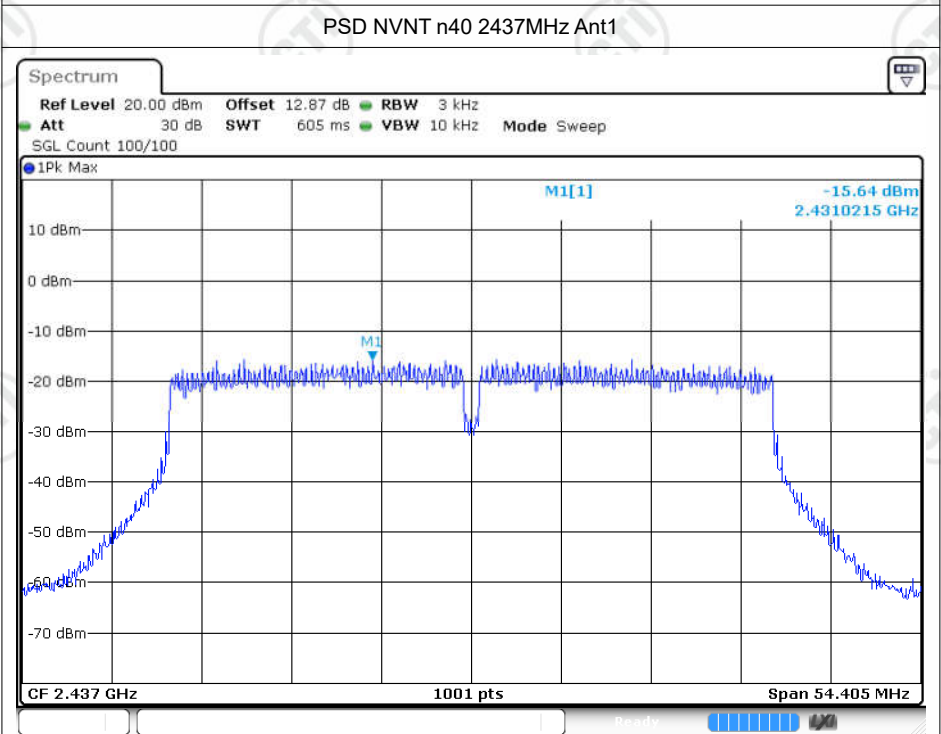
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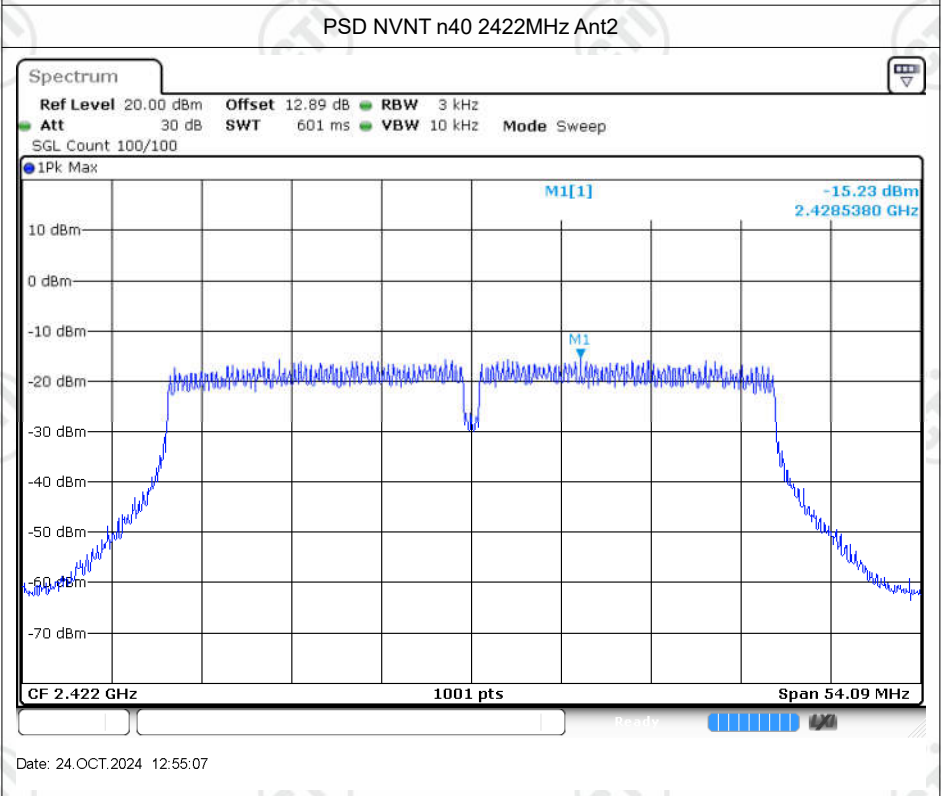
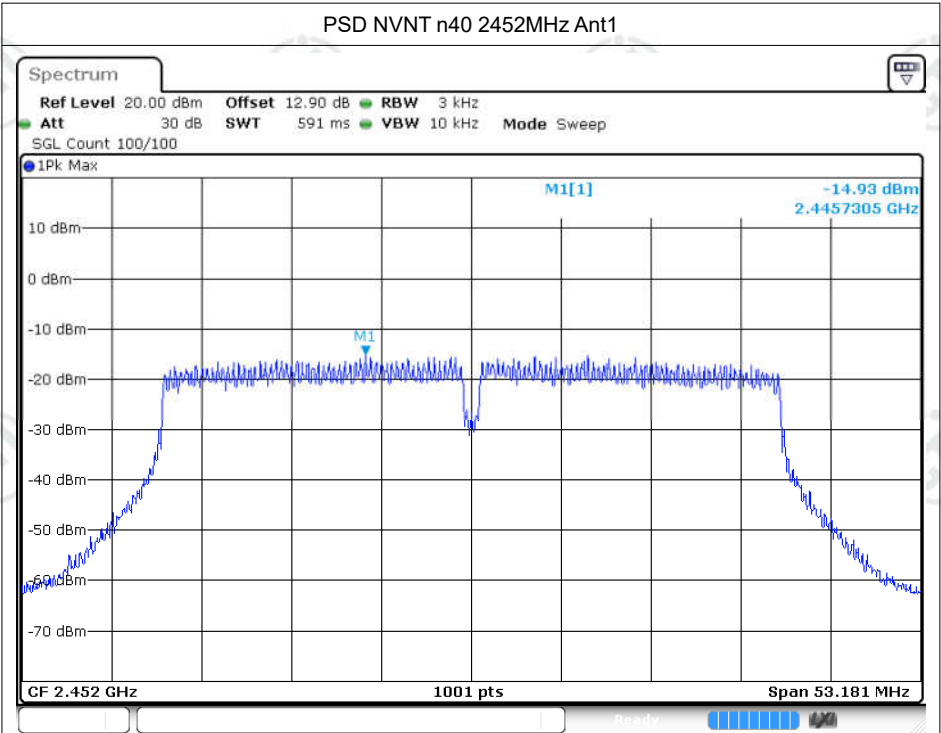
Date: 27.OCT.2024 13:21:39

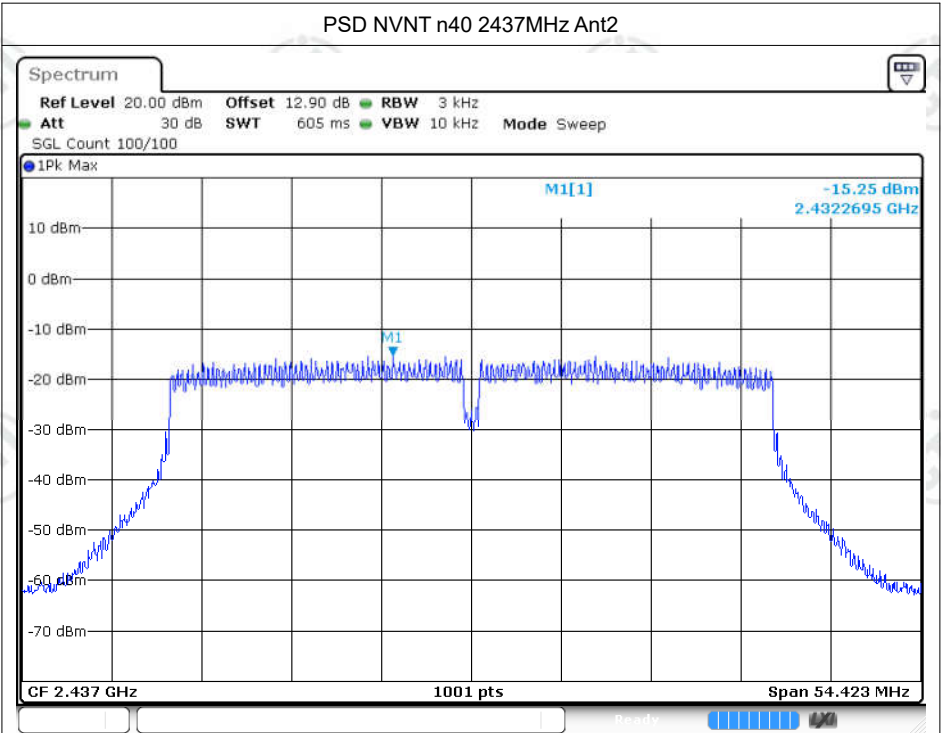


Date: 24.OCT.2024 11:41:19

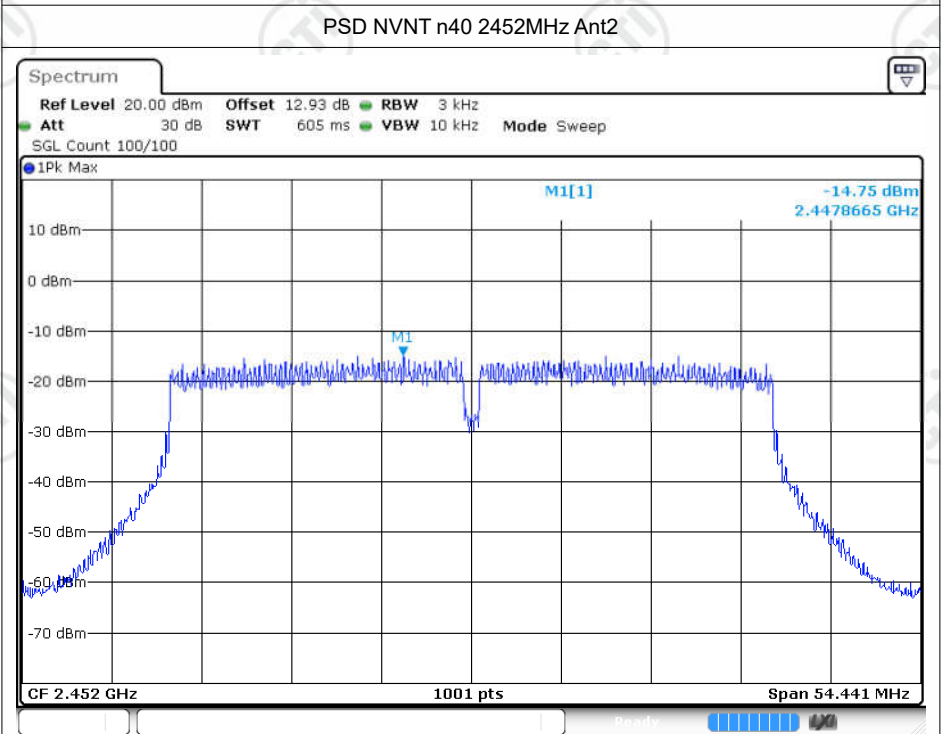


Date: 24.OCT.2024 12:48:05





Date: 24.OCT.2024 12:59:03



Date: 24.OCT.2024 13:02:04