

Appendix: 2.4G Wi-Fi

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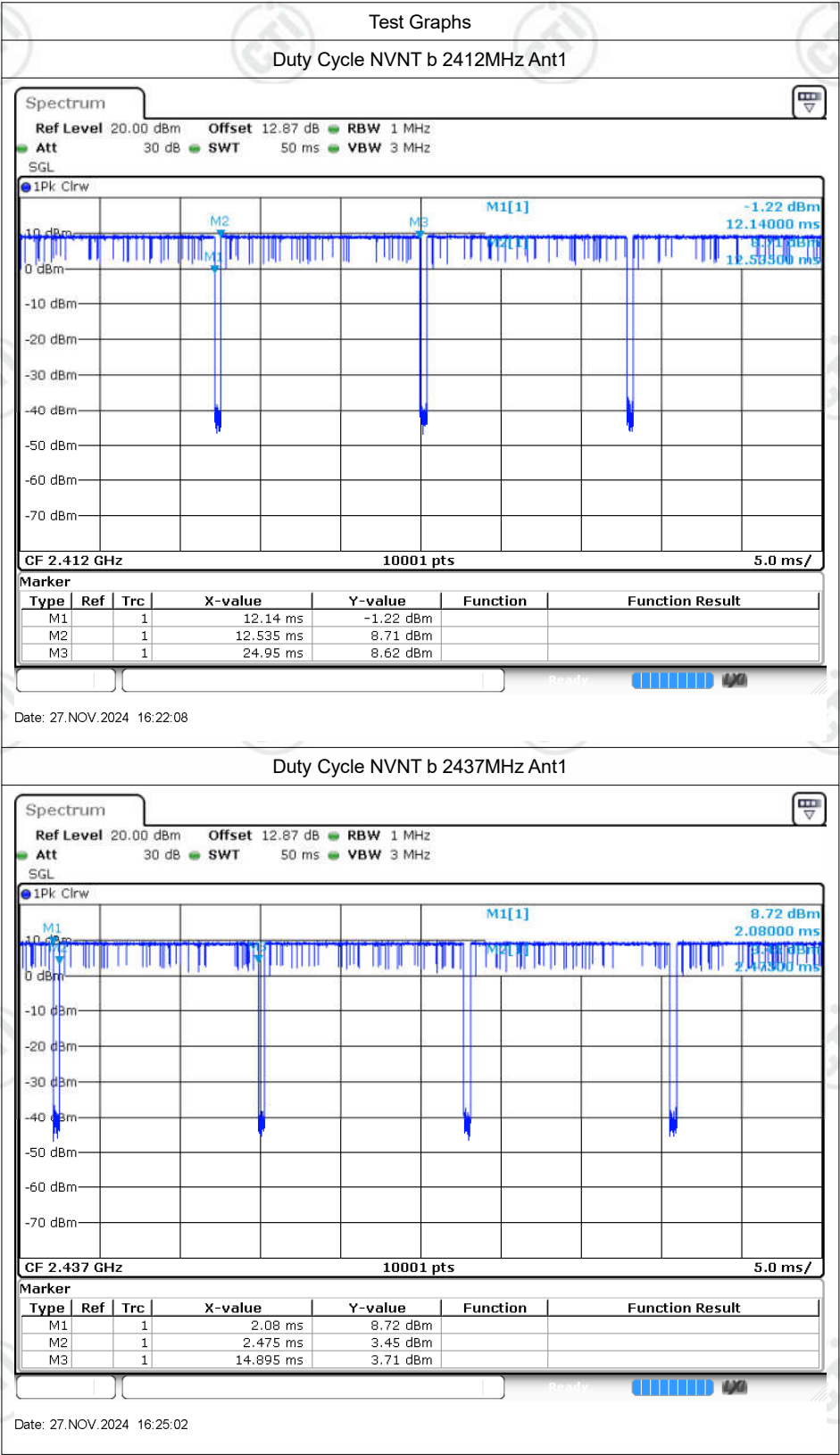
Band Edge 32

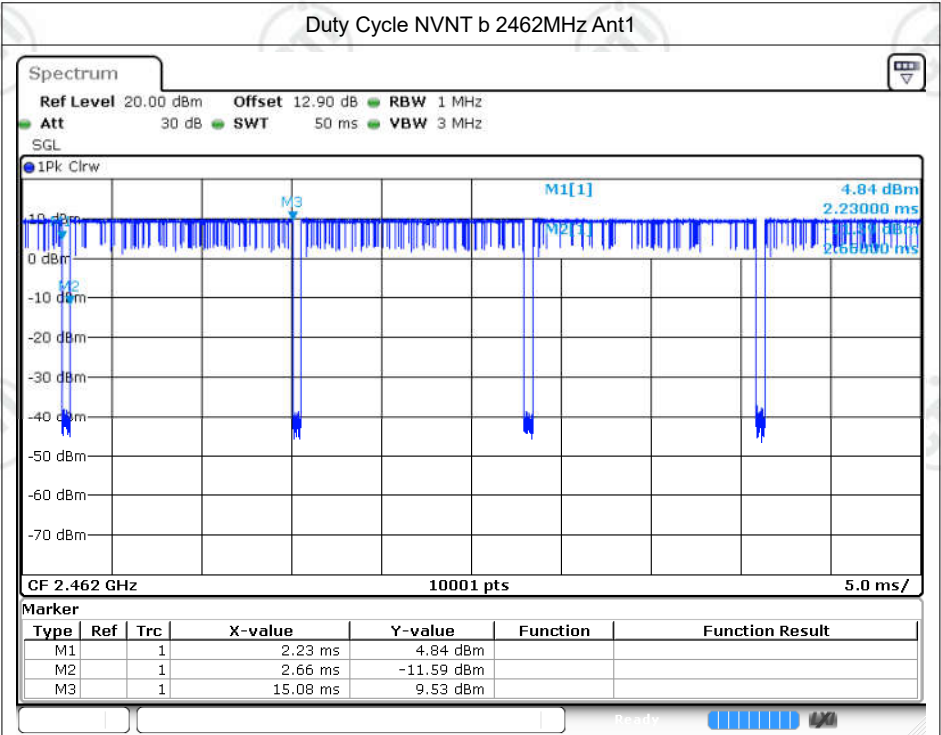
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Duty Cycle

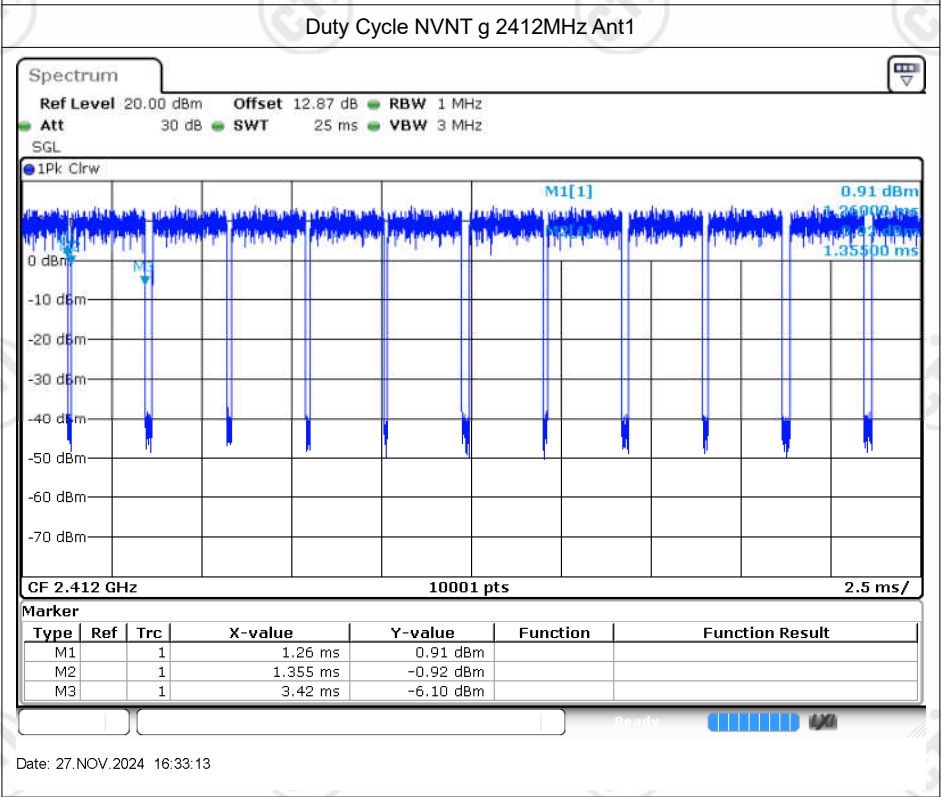
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	96.92	0.14	0.08
NVNT	b	2437	Ant1	96.92	0.14	0.08
NVNT	b	2462	Ant1	96.65	0.15	0.08
NVNT	g	2412	Ant1	95.6	0.2	0.48
NVNT	g	2437	Ant1	94.72	0.24	0.48
NVNT	g	2462	Ant1	93.97	0.27	0.48
NVNT	n20	2412	Ant1	94	0.27	0.52
NVNT	n20	2437	Ant1	93.2	0.31	0.52
NVNT	n20	2462	Ant1	94.12	0.26	0.52
NVNT	n40	2422	Ant1	89.49	0.48	1.06
NVNT	n40	2437	Ant1	82.89	0.81	1.06
NVNT	n40	2452	Ant1	83.55	0.78	1.06

Note:Duty Cycle Correction Factor (dB)=-10*Ig(Duty Cycle);

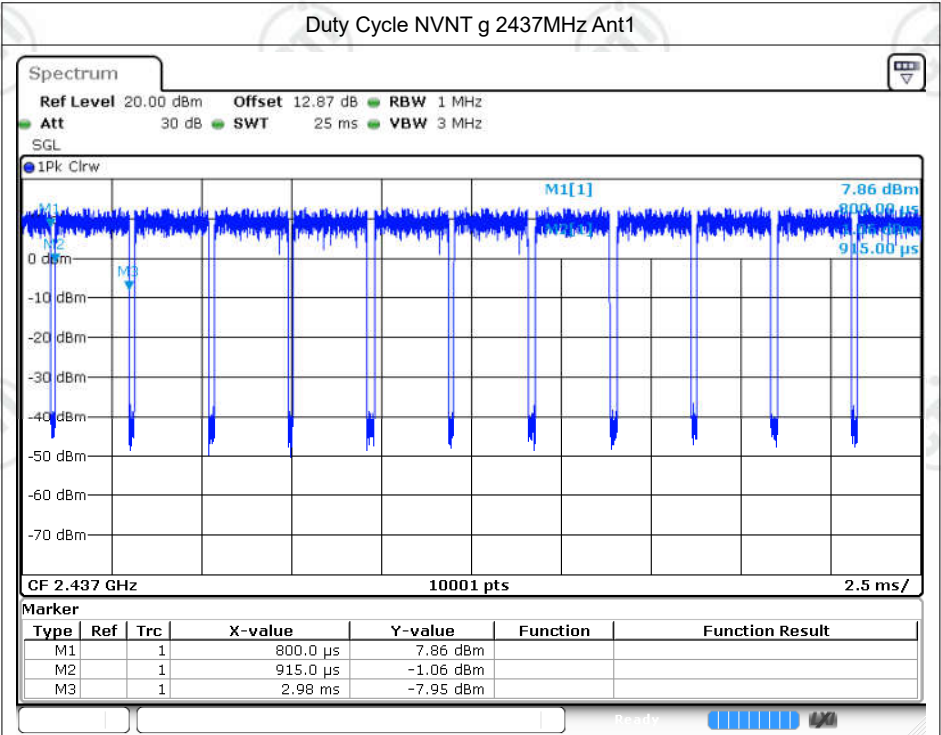




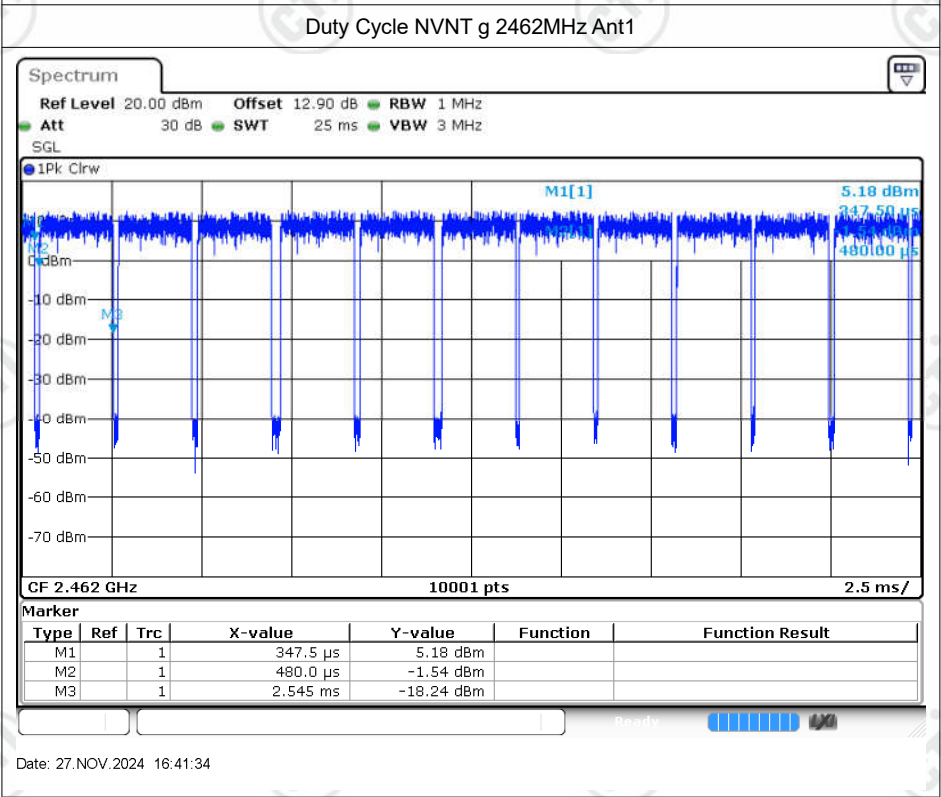
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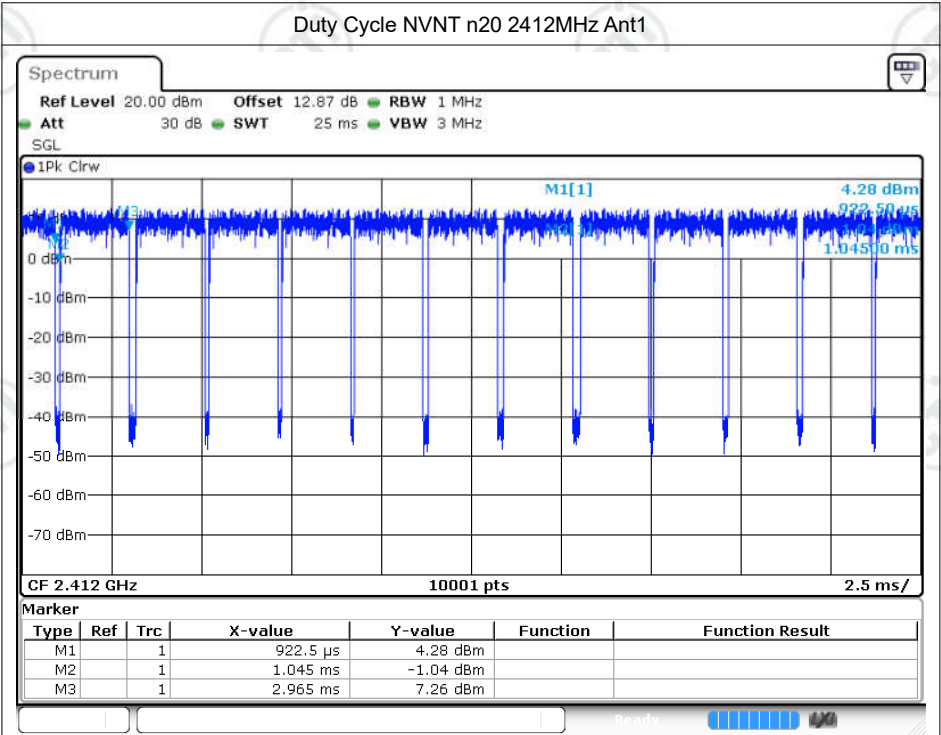


Date: 27.NOV.2024 16:33:13

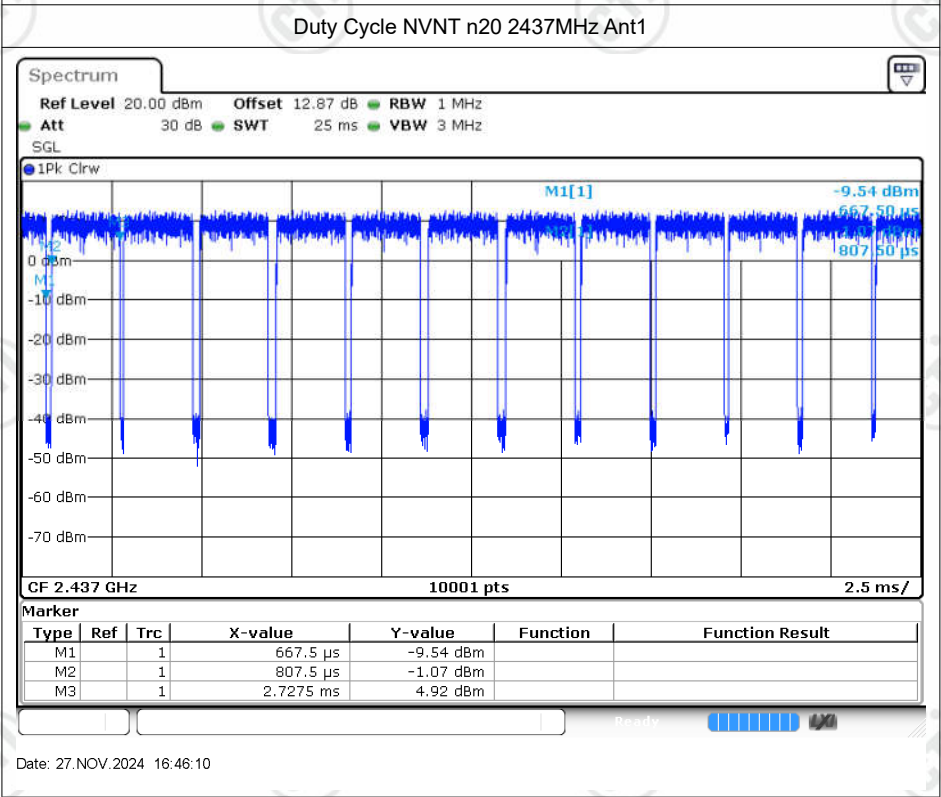


Date: 27.NOV.2024 16:37:17

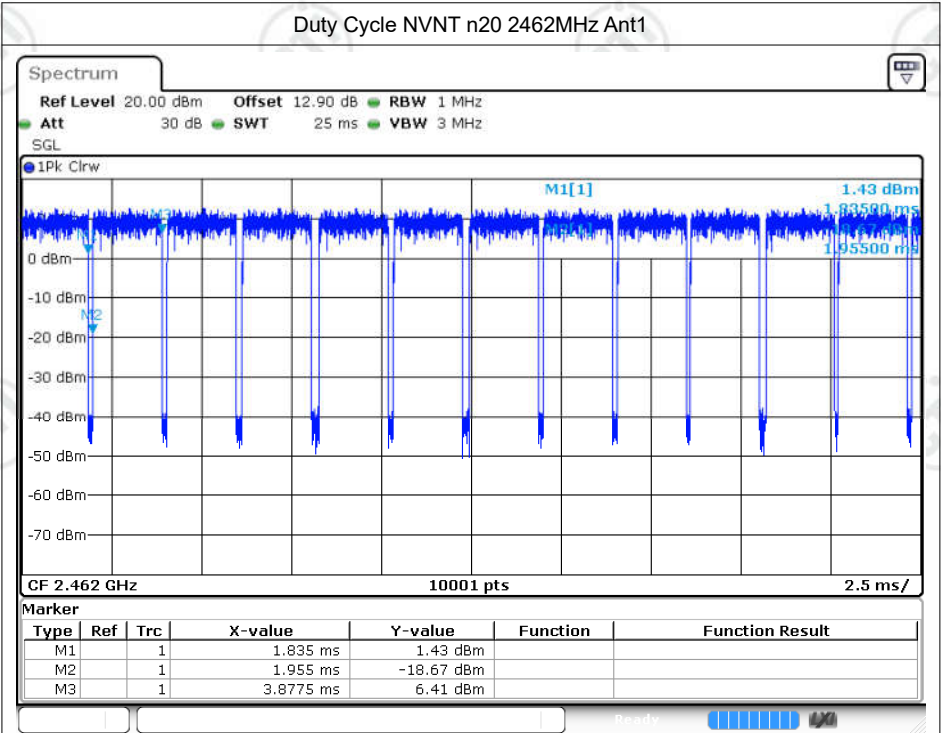




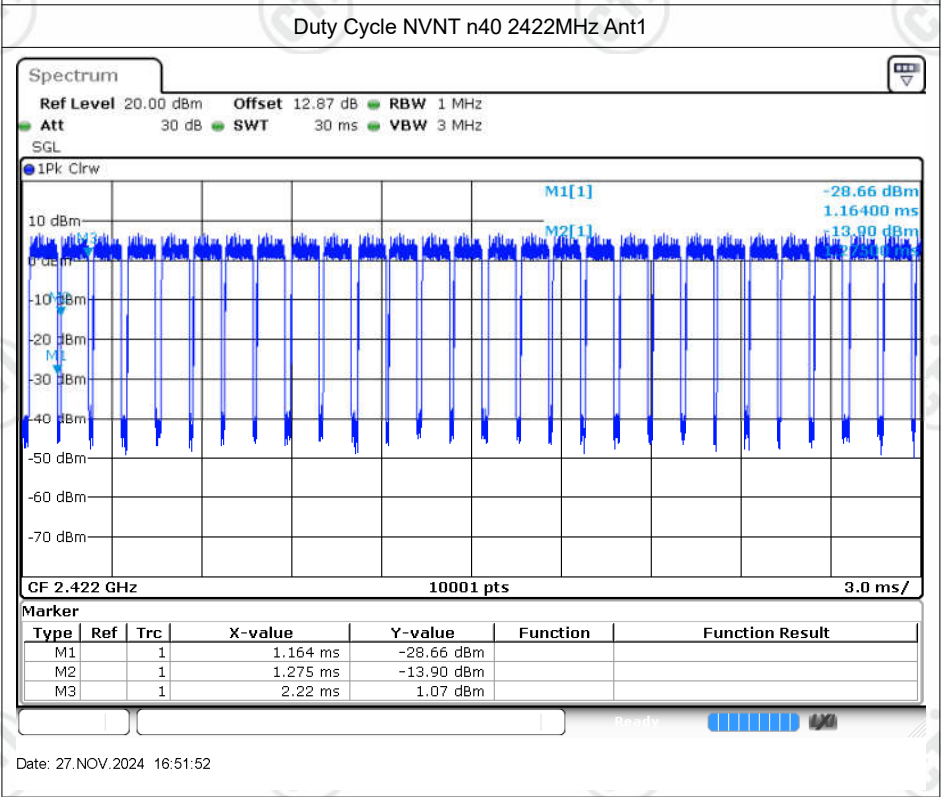
Date: 27.NOV.2024 16:43:50



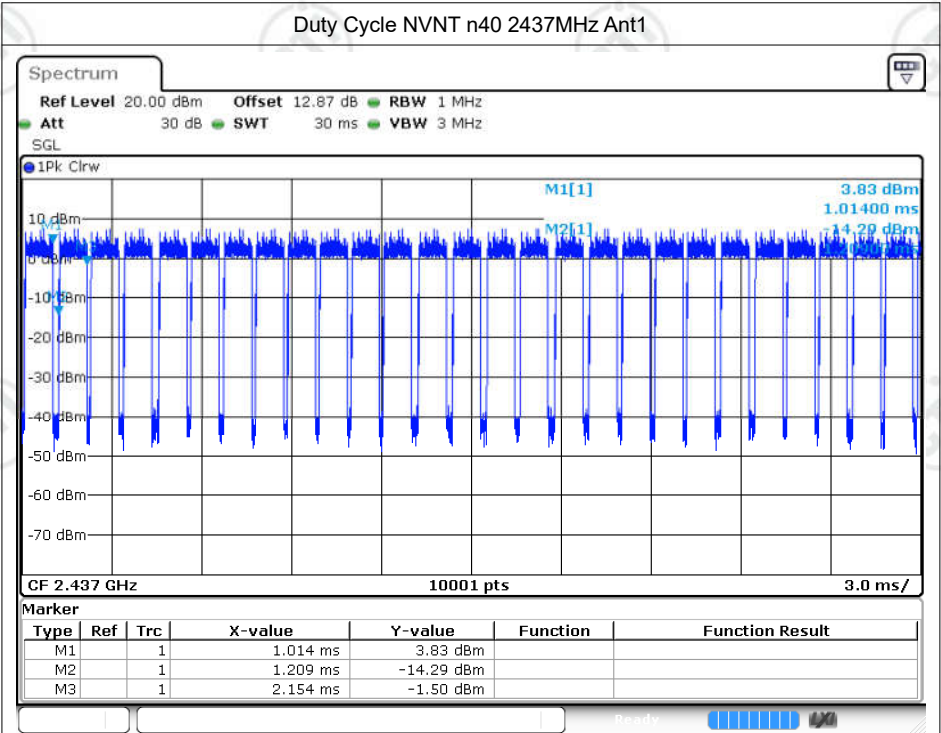
Date: 27.NOV.2024 16:46:10



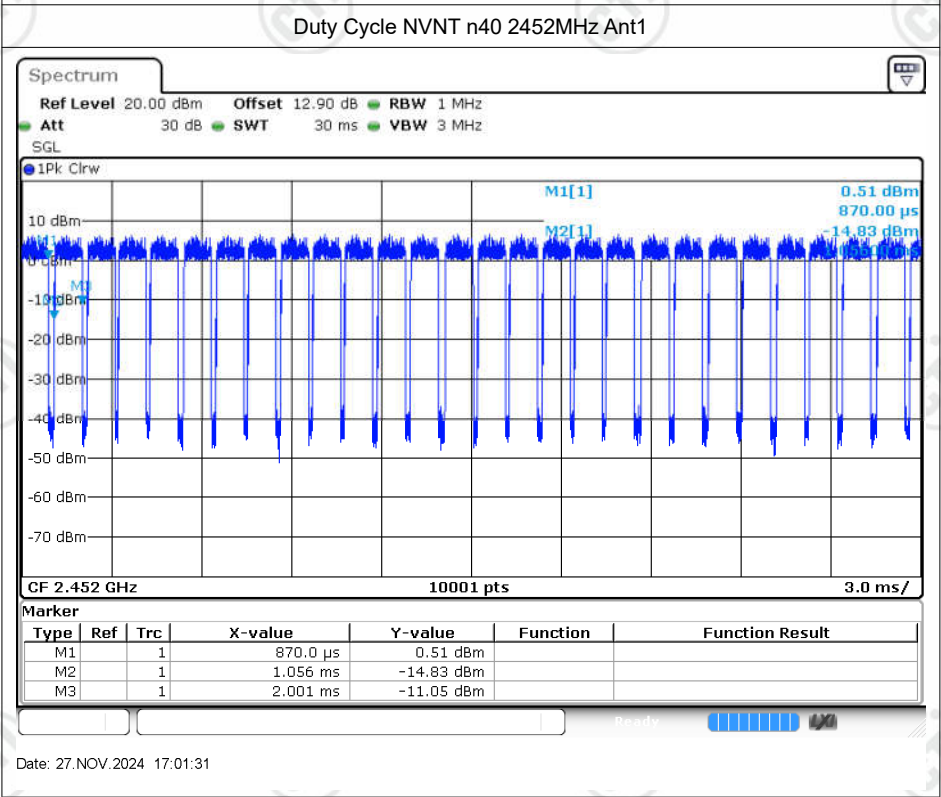
Date: 27.NOV.2024 16:49:11



Date: 27.NOV.2024 16:51:52



Date: 27.NOV.2024 16:58:40



Date: 27.NOV.2024 17:01:31

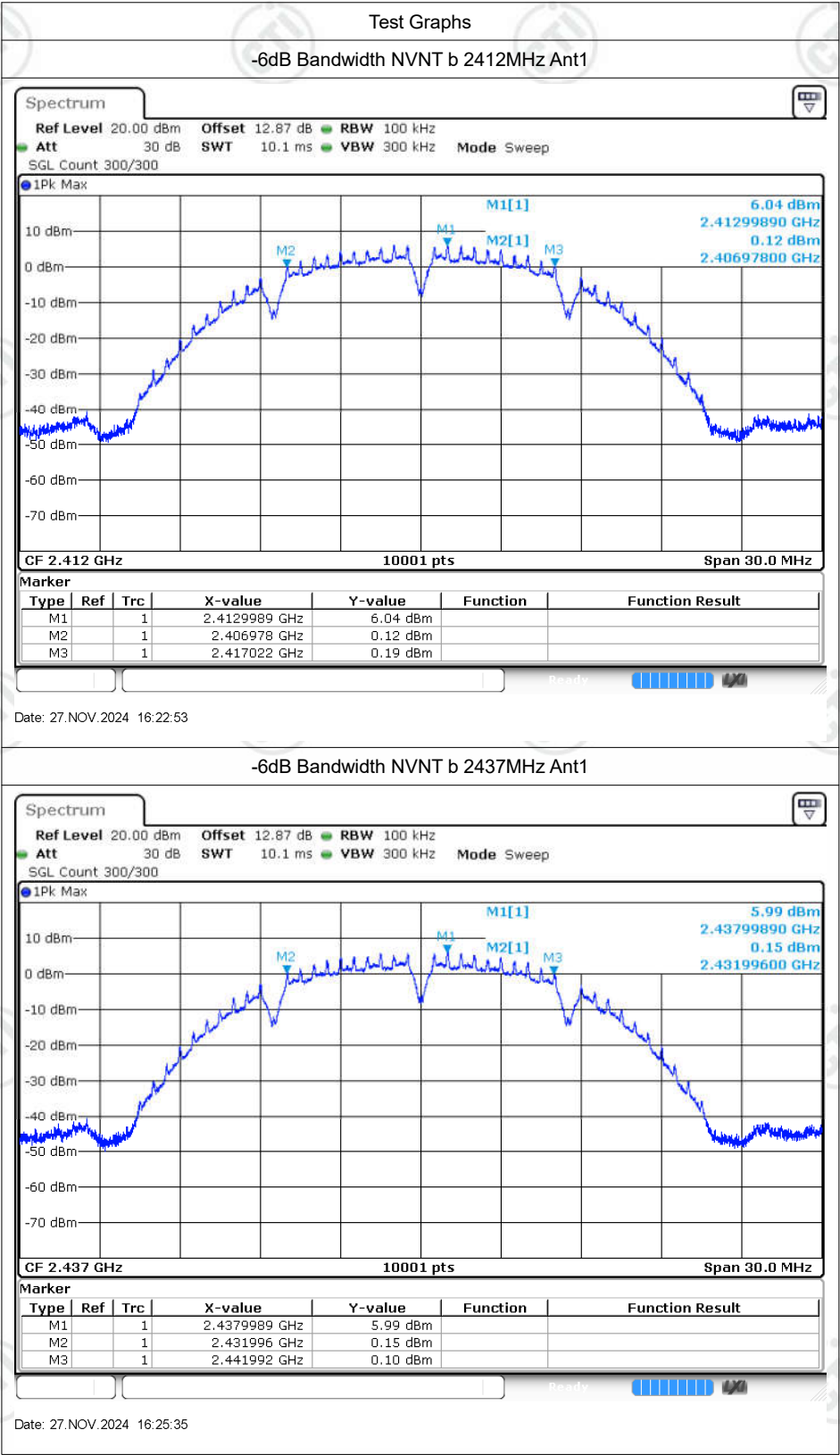
Maximum Peak Conducted Output Power

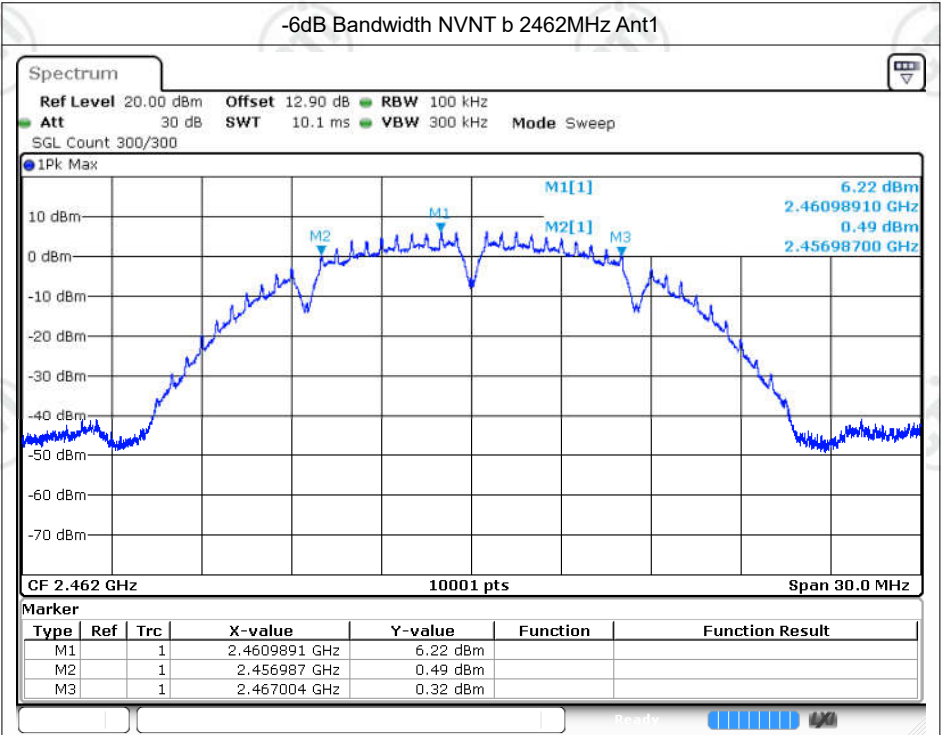
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.12	30	Pass
NVNT	b	2442	Ant1	15.14	30	Pass
NVNT	b	2462	Ant1	15.41	30	Pass
NVNT	g	2412	Ant1	16.61	30	Pass
NVNT	g	2437	Ant1	16.57	30	Pass
NVNT	g	2462	Ant1	16.21	30	Pass
NVNT	n20	2412	Ant1	16.48	30	Pass
NVNT	n20	2437	Ant1	16.42	30	Pass
NVNT	n20	2462	Ant1	16.38	30	Pass
NVNT	n40	2422	Ant1	16.49	30	Pass
NVNT	n40	2437	Ant1	16.39	30	Pass
NVNT	n40	2452	Ant1	16.48	30	Pass

Note:The test data has been added Duty Cycle Correction Factor (dB).

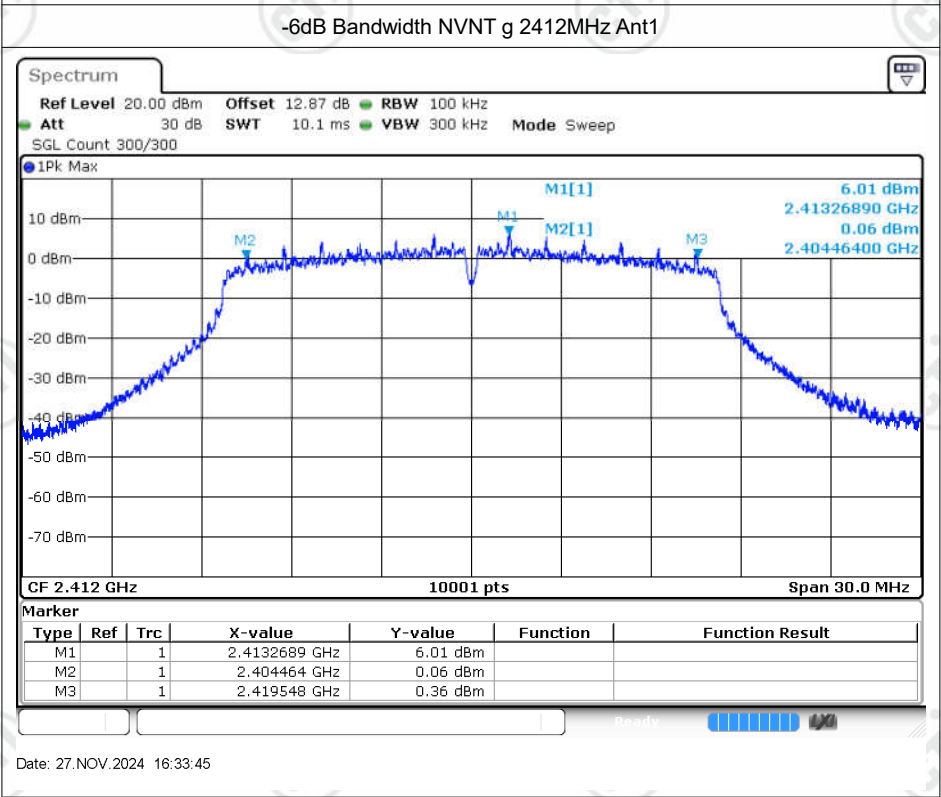
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.044	0.5	Pass
NVNT	b	2437	Ant1	9.996	0.5	Pass
NVNT	b	2462	Ant1	10.017	0.5	Pass
NVNT	g	2412	Ant1	15.084	0.5	Pass
NVNT	g	2437	Ant1	15.06	0.5	Pass
NVNT	g	2462	Ant1	15.084	0.5	Pass
NVNT	n20	2412	Ant1	15.087	0.5	Pass
NVNT	n20	2437	Ant1	15.072	0.5	Pass
NVNT	n20	2462	Ant1	15.054	0.5	Pass
NVNT	n40	2422	Ant1	31.314	0.5	Pass
NVNT	n40	2437	Ant1	31.272	0.5	Pass
NVNT	n40	2452	Ant1	31.278	0.5	Pass

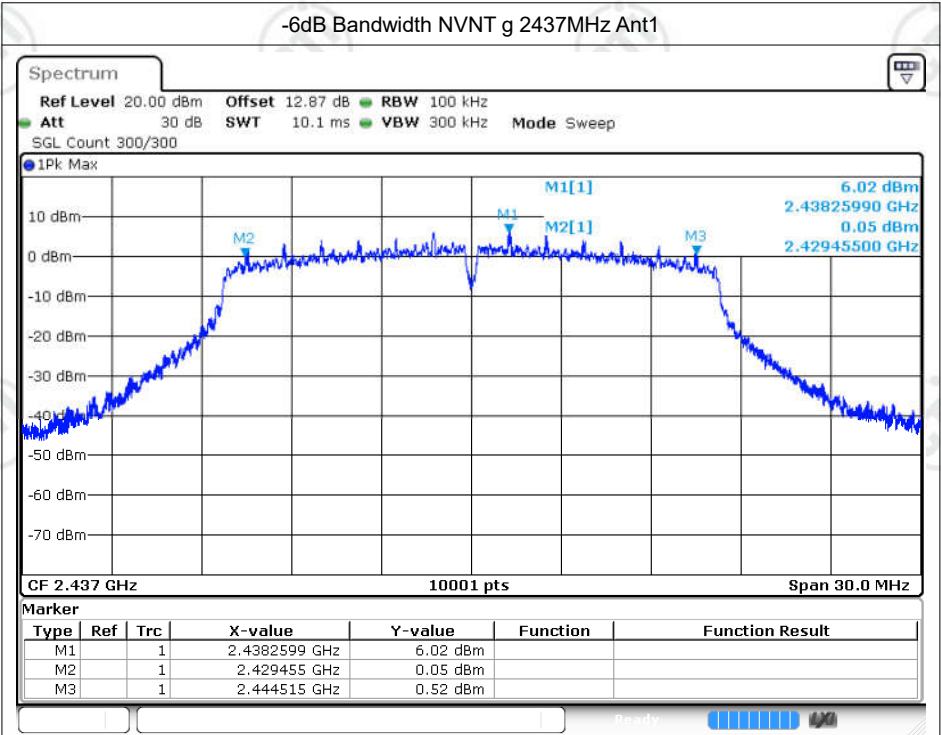




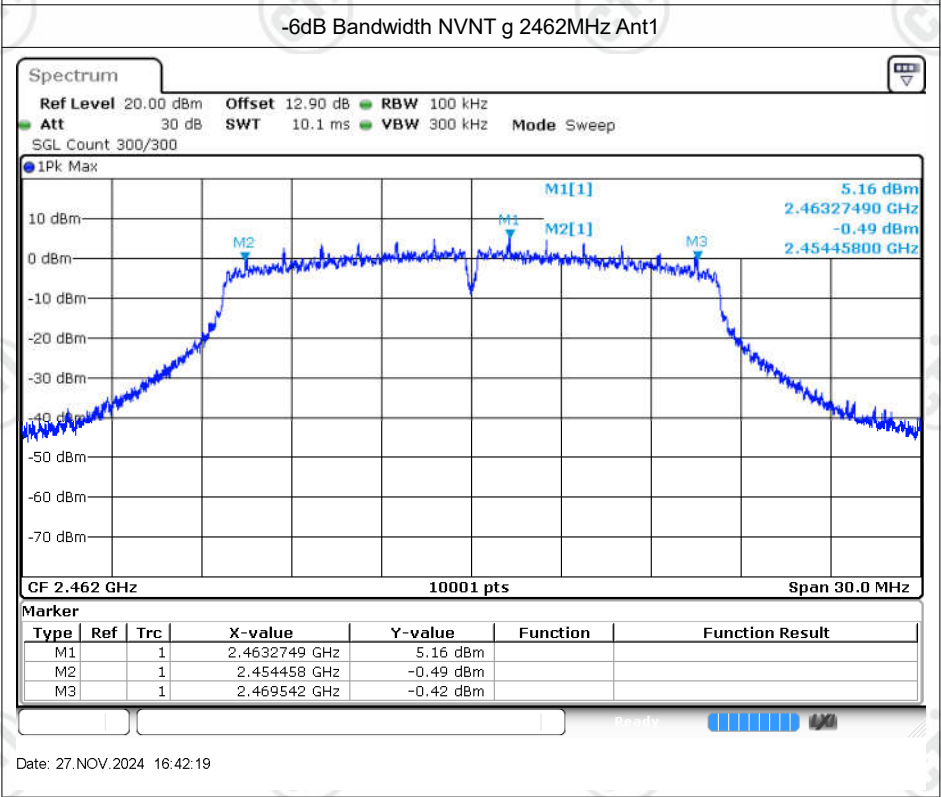
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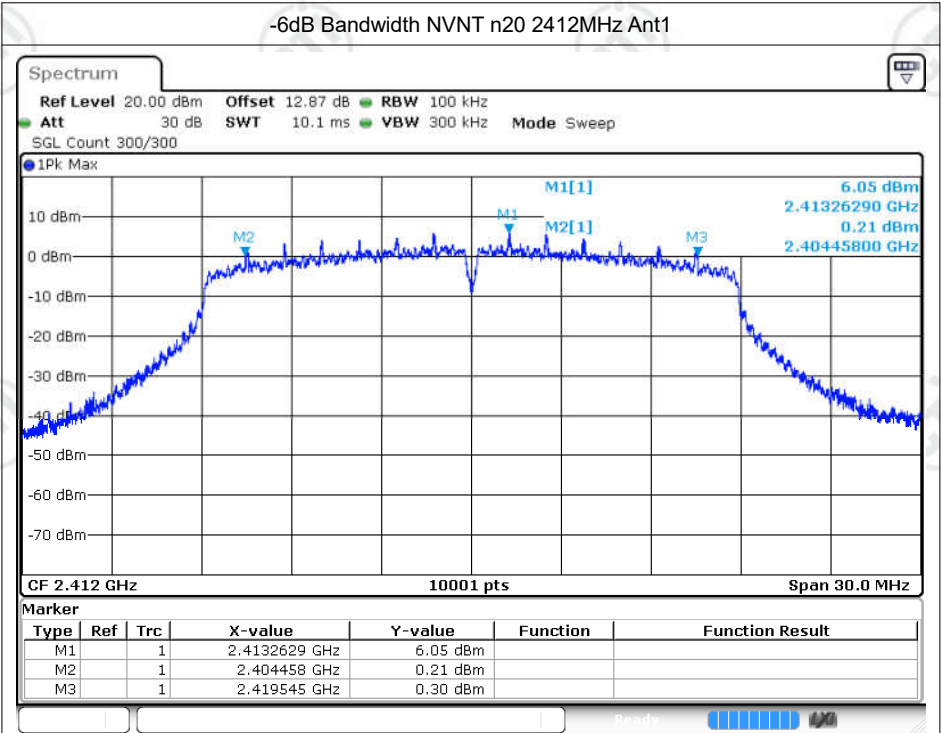
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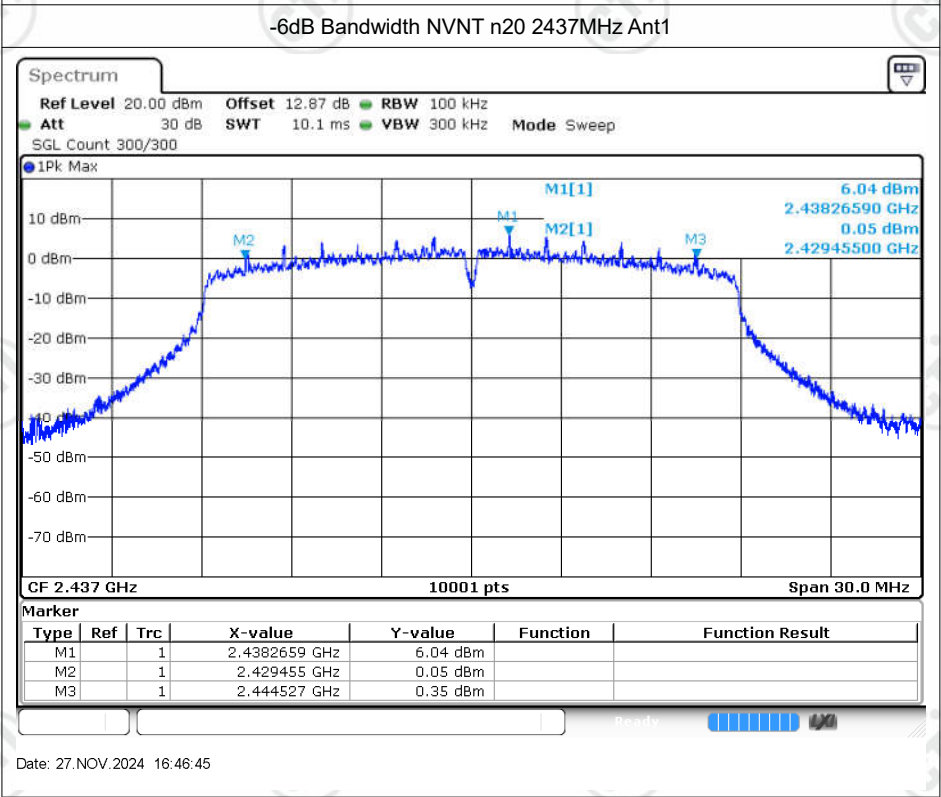
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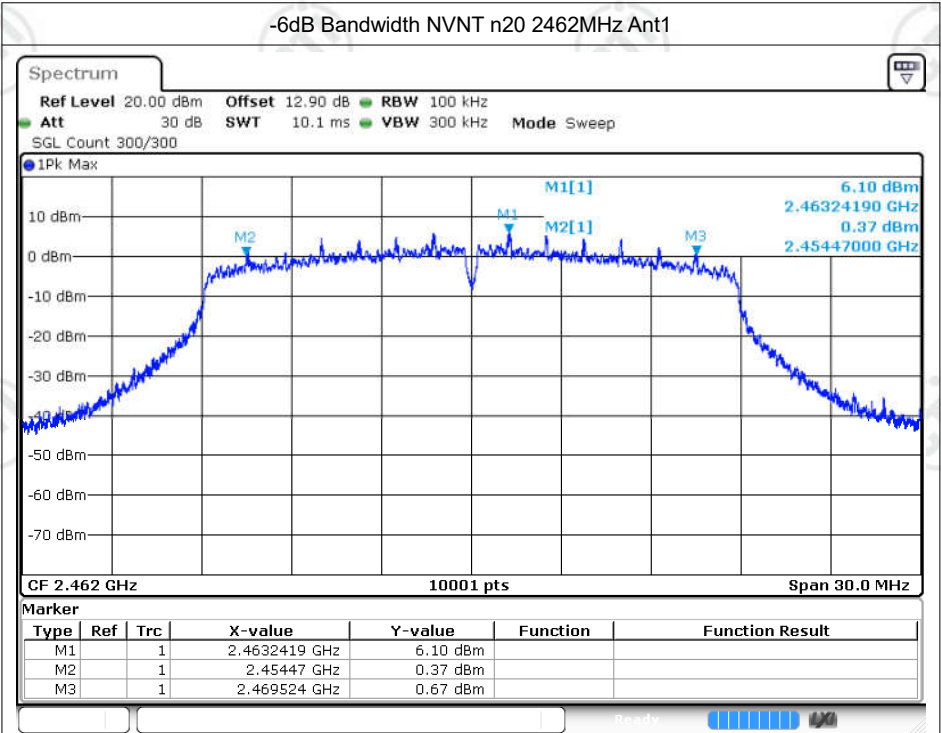
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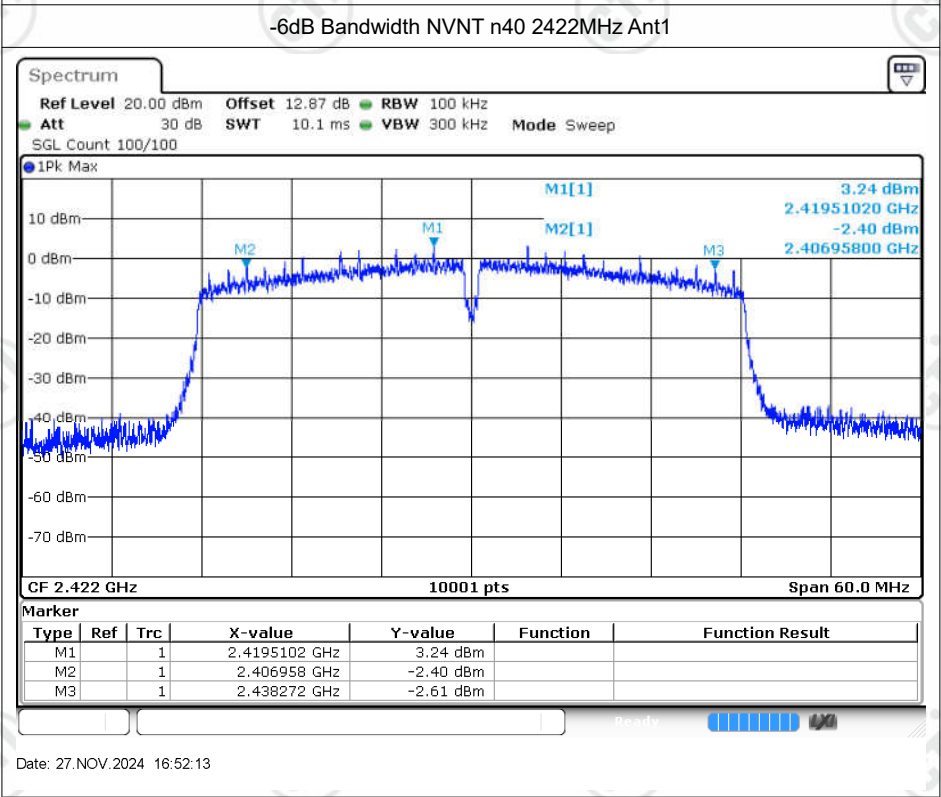
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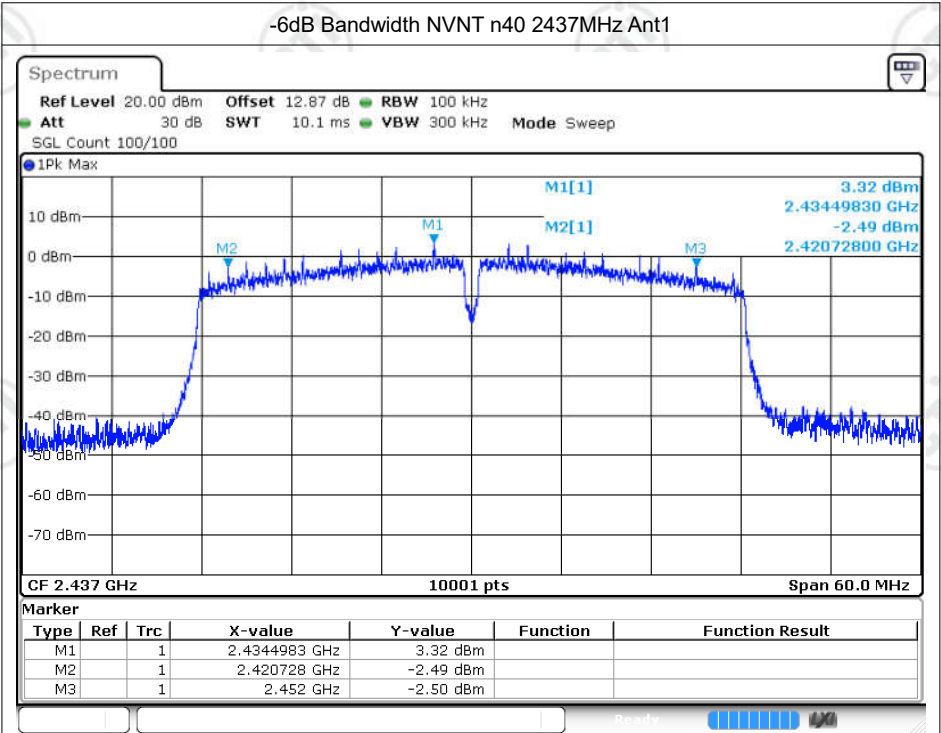
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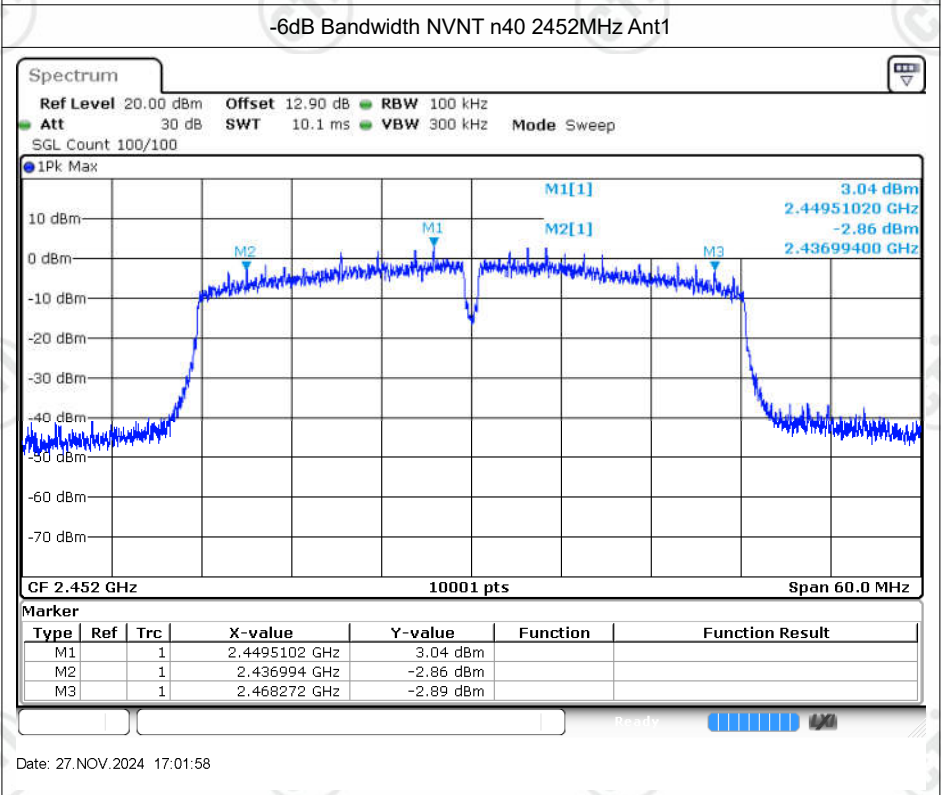
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Date: 27.NOV.2024 16:52:13



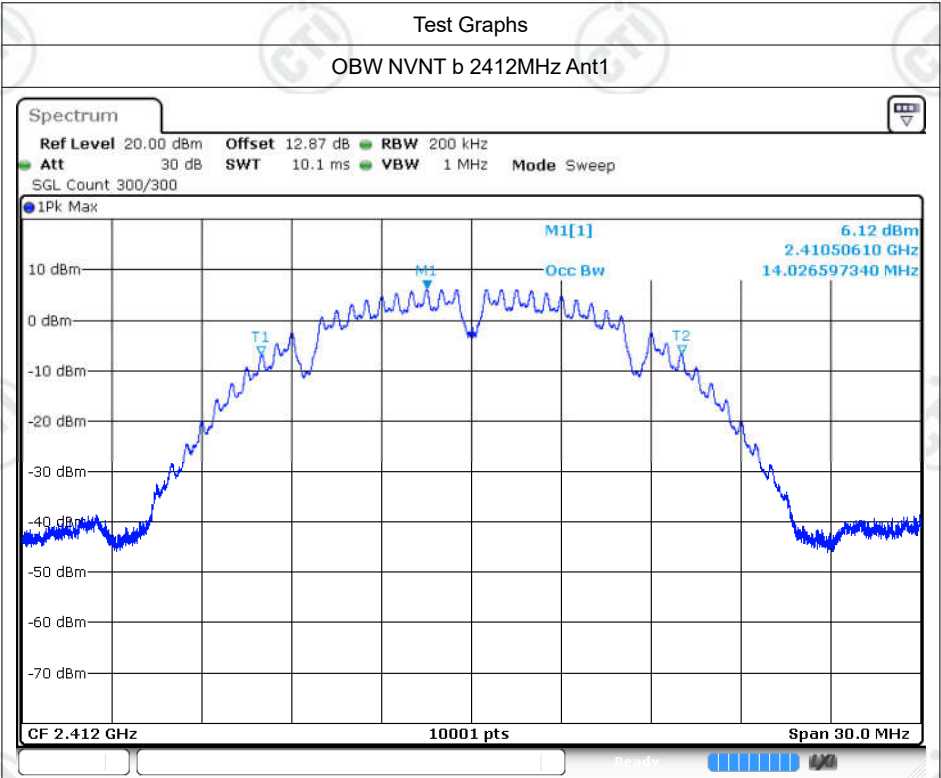
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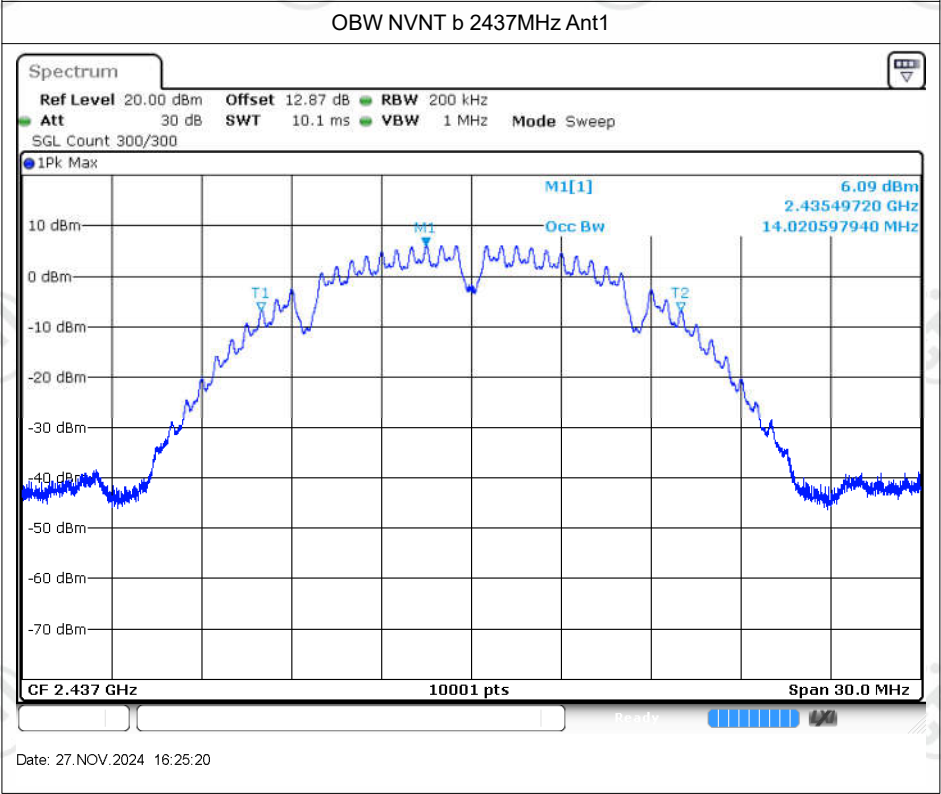
Date: 27.NOV.2024 17:01:58

Occupied Channel Bandwidth

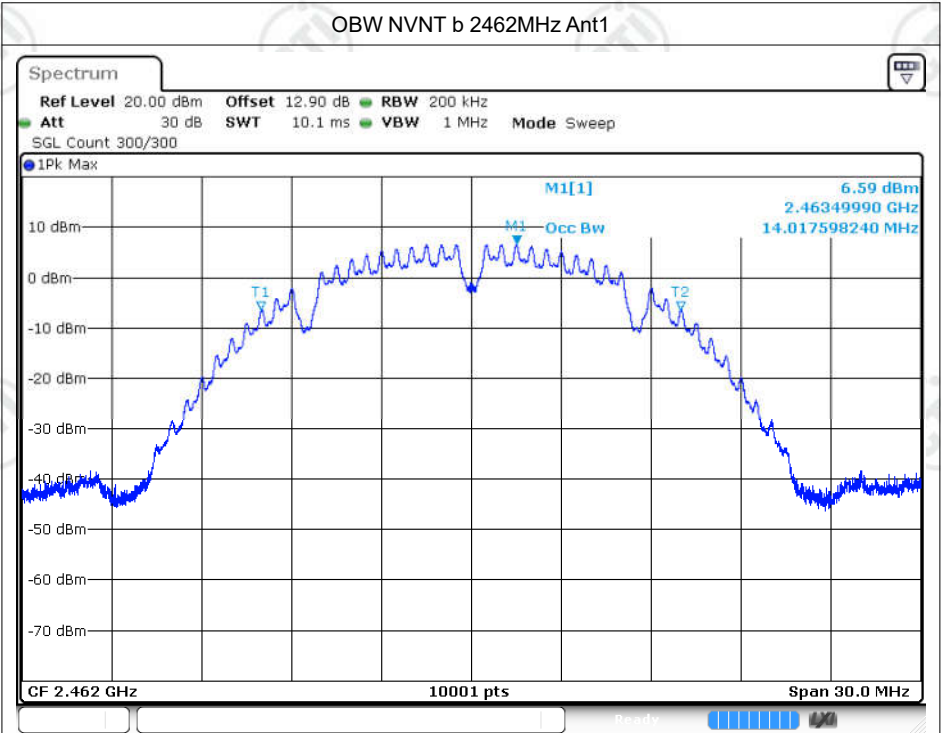
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	14.027
NVNT	b	2437	Ant1	14.021
NVNT	b	2462	Ant1	14.018
NVNT	g	2412	Ant1	16.231
NVNT	g	2437	Ant1	16.246
NVNT	g	2462	Ant1	16.234
NVNT	n20	2412	Ant1	17.368
NVNT	n20	2437	Ant1	17.347
NVNT	n20	2462	Ant1	17.371
NVNT	n40	2422	Ant1	35.306
NVNT	n40	2437	Ant1	35.288
NVNT	n40	2452	Ant1	35.288



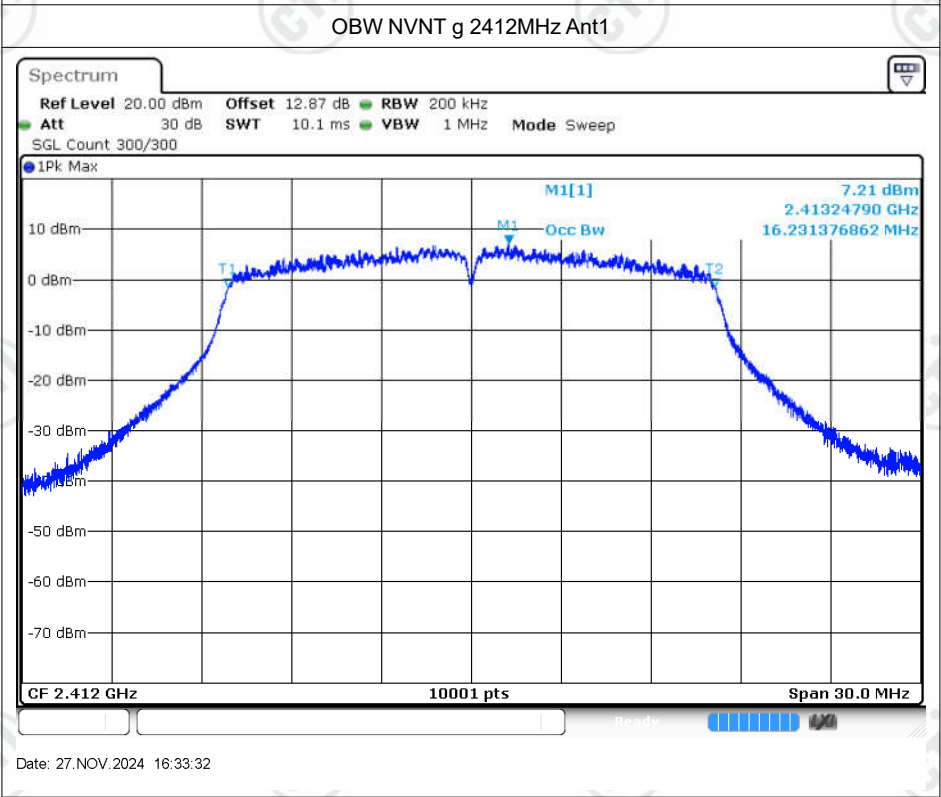
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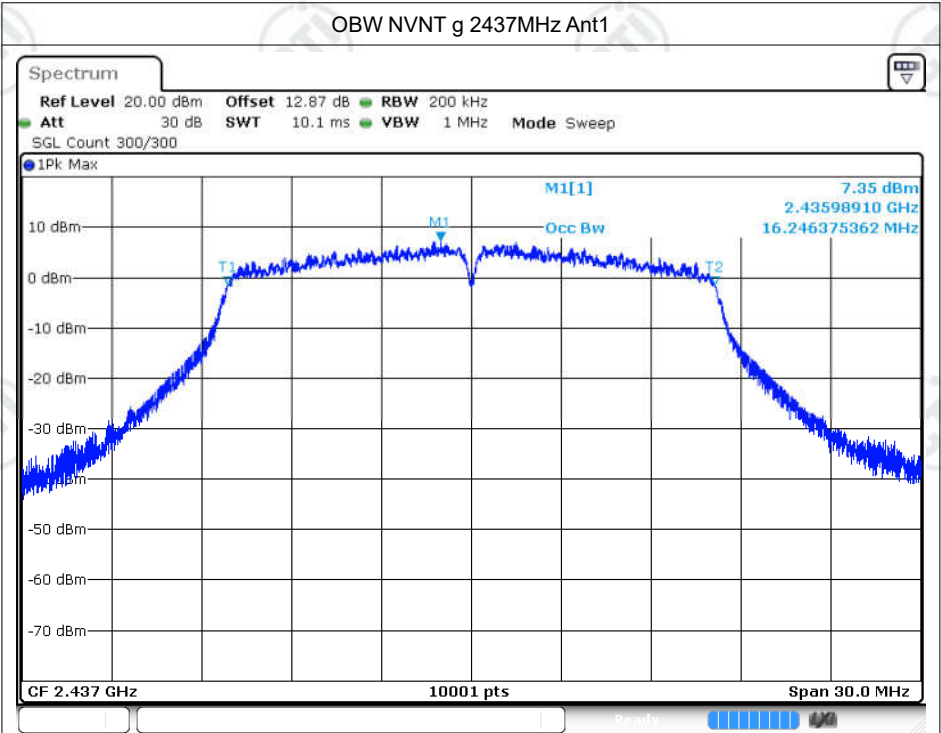
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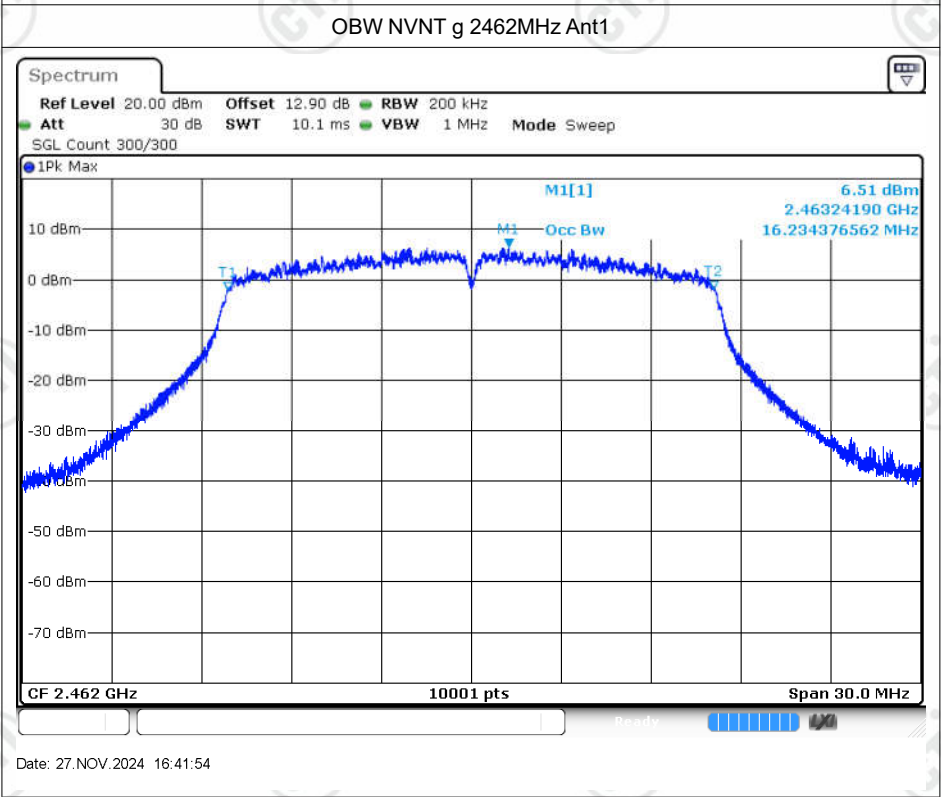
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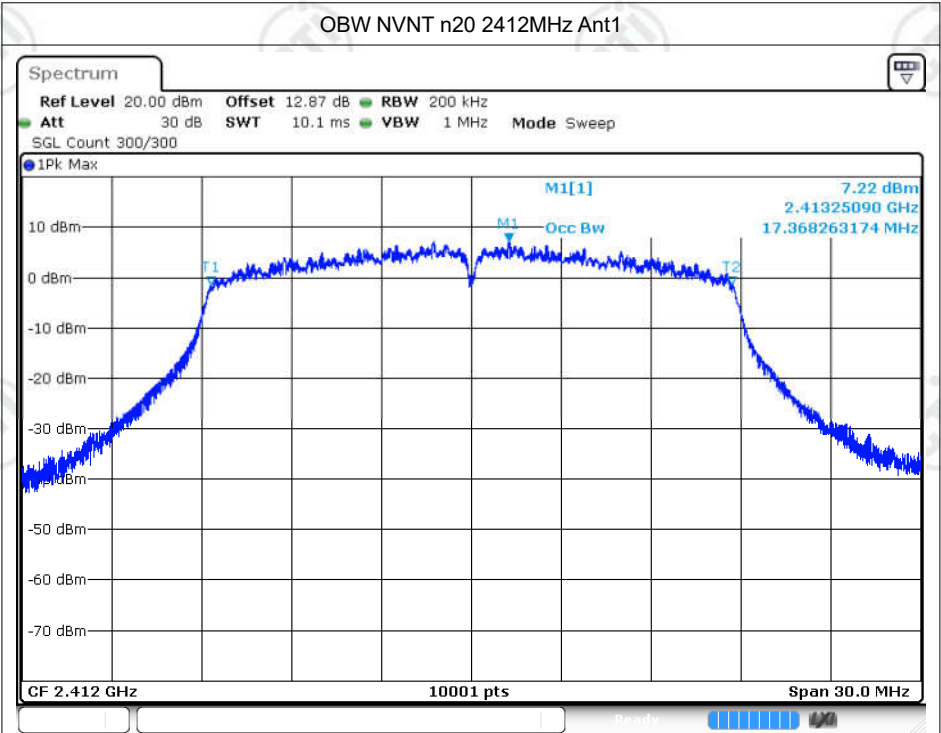
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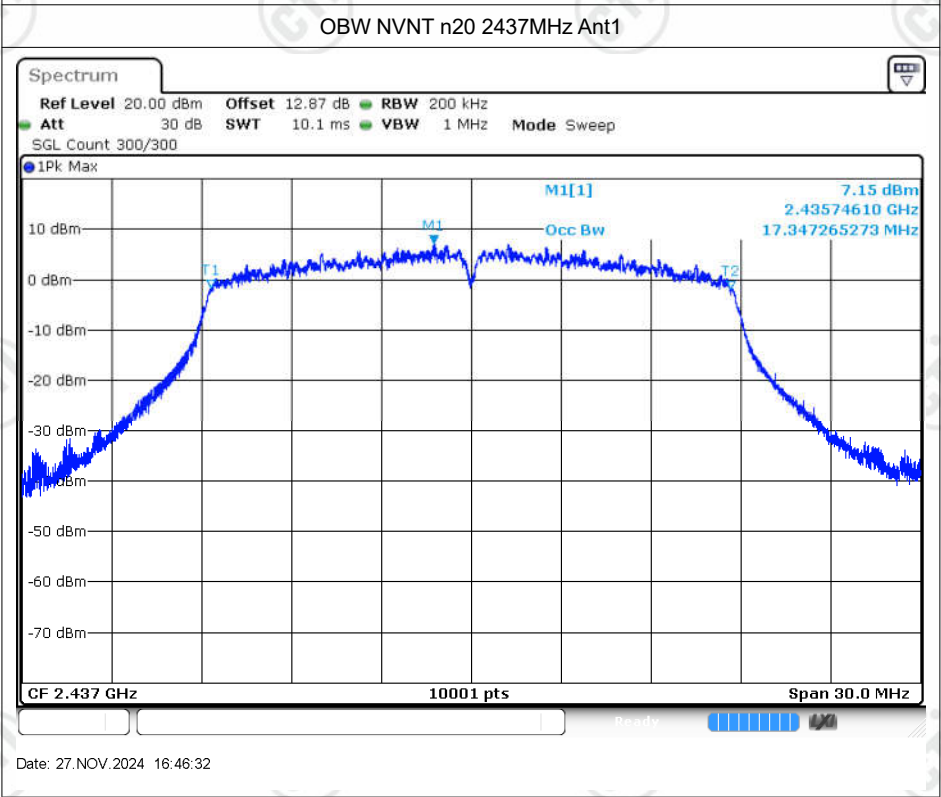
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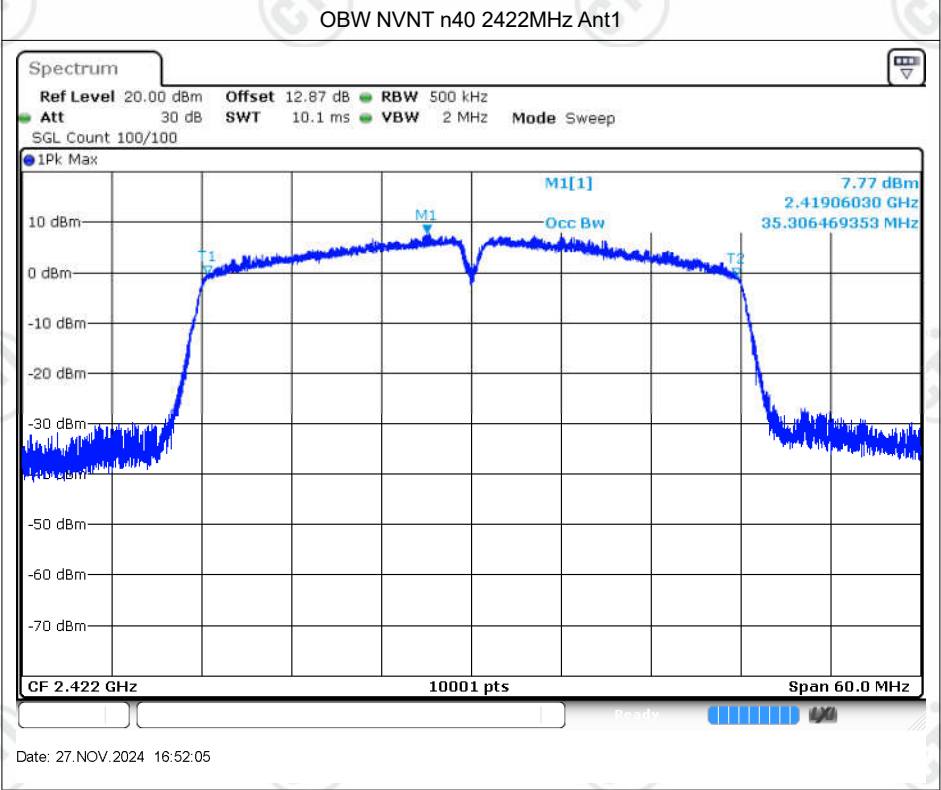
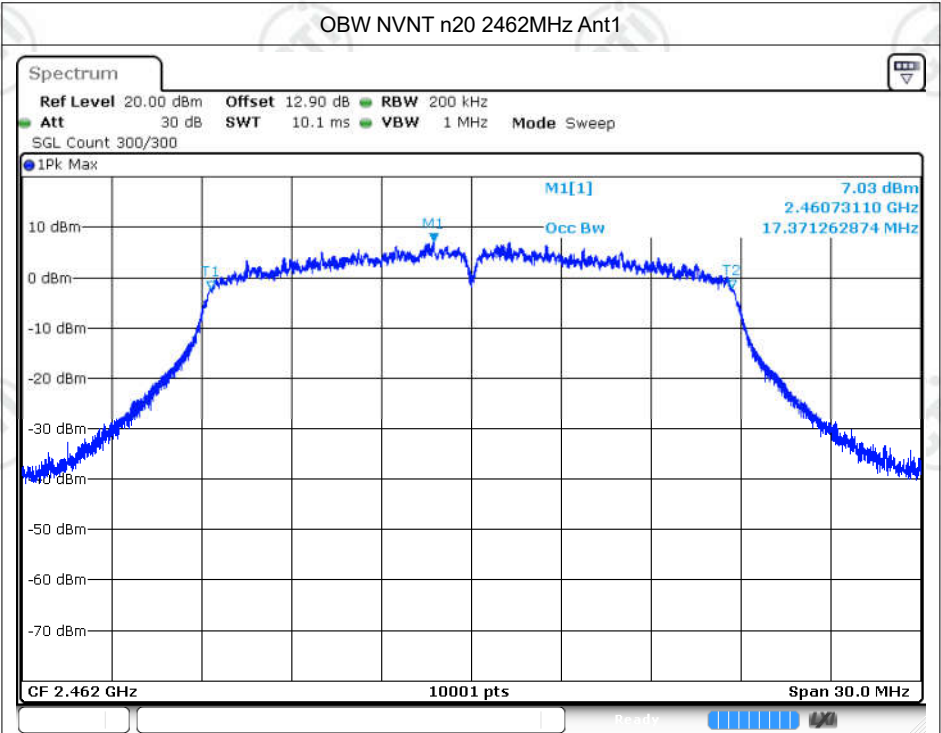
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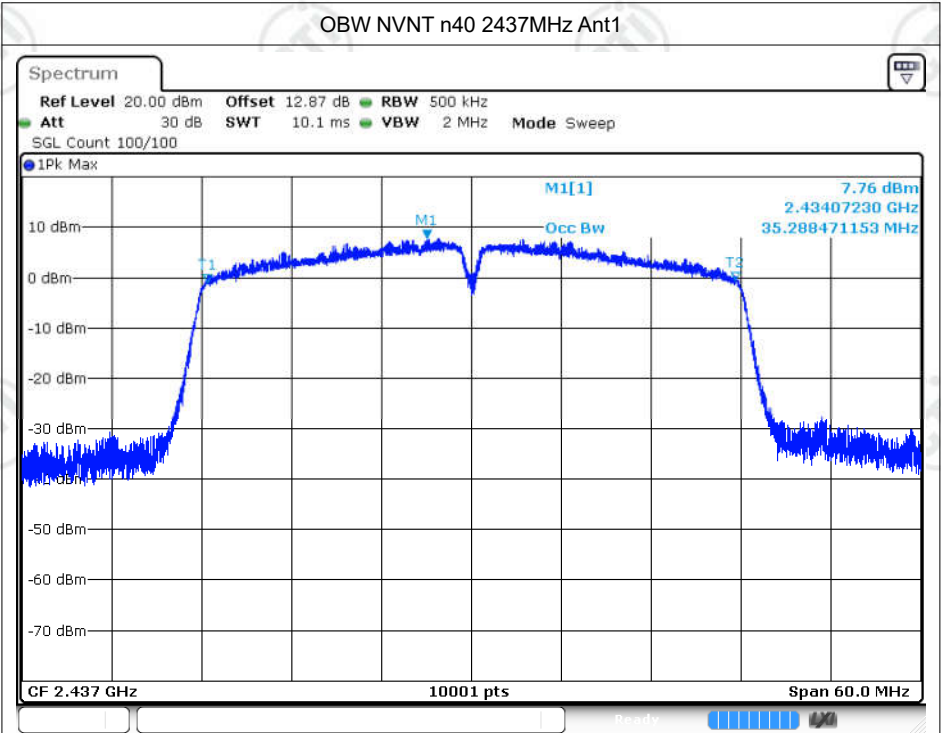


Date: 27.NOV.2024 16:44:09

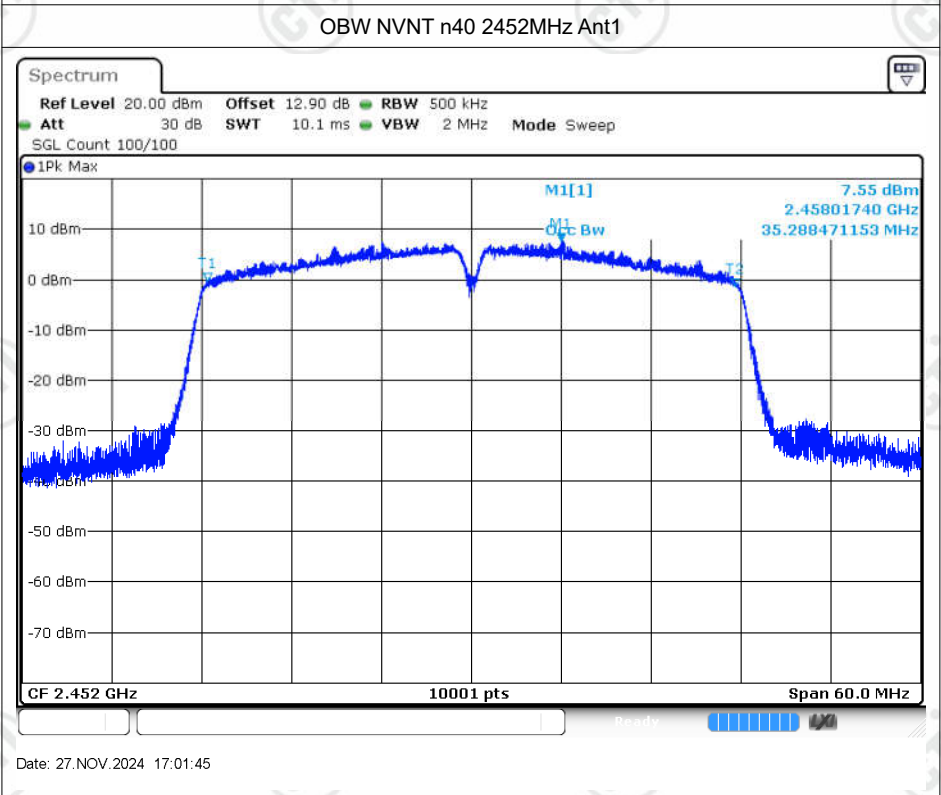


Date: 27.NOV.2024 16:46:32





Date: 27.NOV.2024 16:58:55

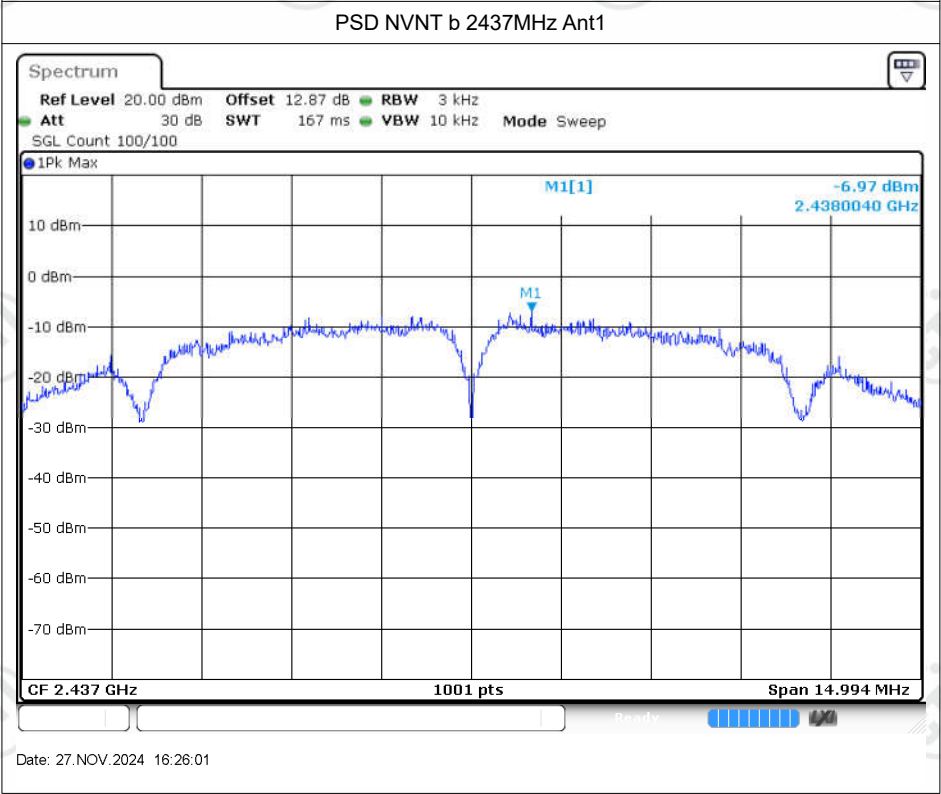
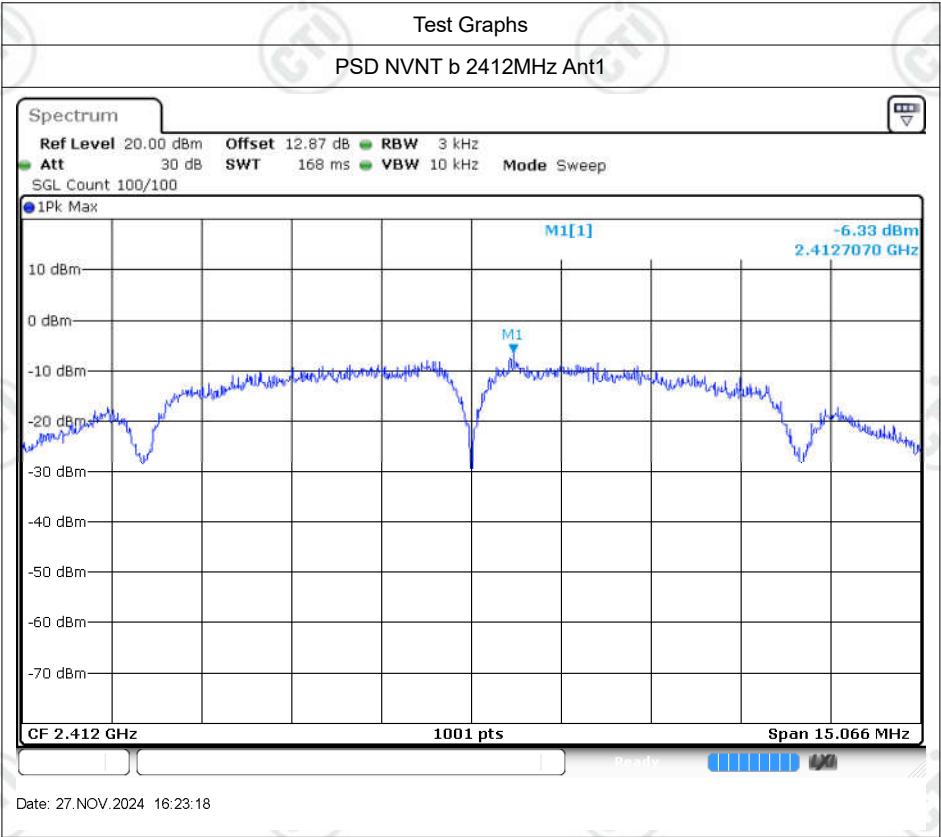


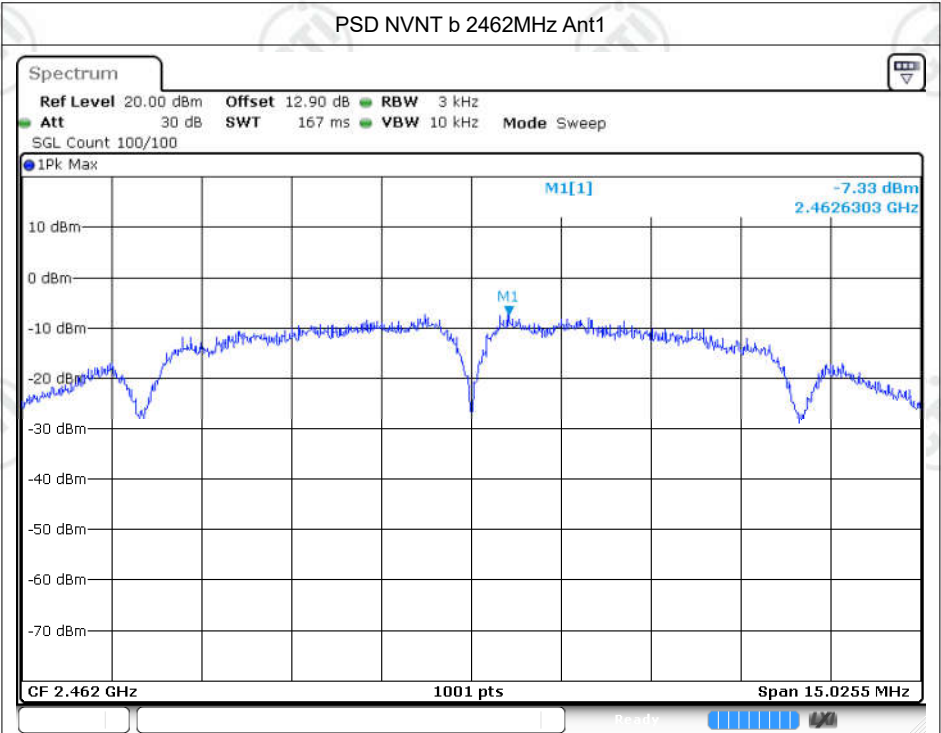
Date: 27.NOV.2024 17:01:45

Maximum Power Spectral Density Level

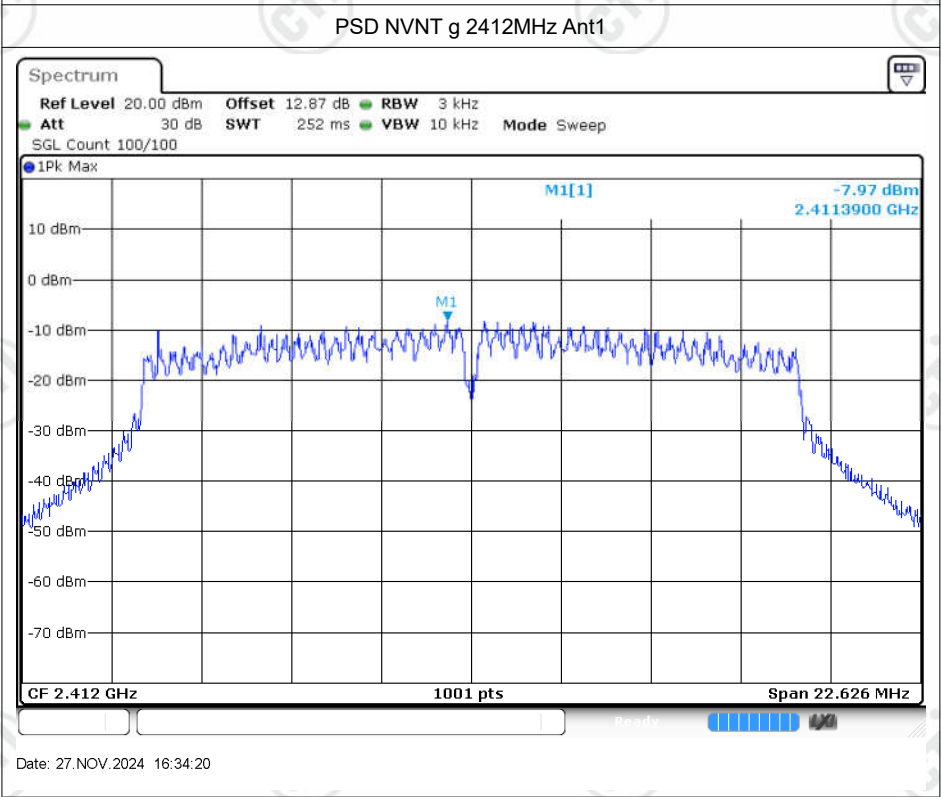
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-6.33	8	Pass
NVNT	b	2437	Ant1	-6.97	8	Pass
NVNT	b	2462	Ant1	-7.33	8	Pass
NVNT	g	2412	Ant1	-7.97	8	Pass
NVNT	g	2437	Ant1	-8.11	8	Pass
NVNT	g	2462	Ant1	-8.55	8	Pass
NVNT	n20	2412	Ant1	-8.17	8	Pass
NVNT	n20	2437	Ant1	-8.19	8	Pass
NVNT	n20	2462	Ant1	-7.06	8	Pass
NVNT	n40	2422	Ant1	-10.1	8	Pass
NVNT	n40	2437	Ant1	-11.19	8	Pass
NVNT	n40	2452	Ant1	-10.78	8	Pass

Note:The test data has been added Duty Cycle Correction Factor (dB).

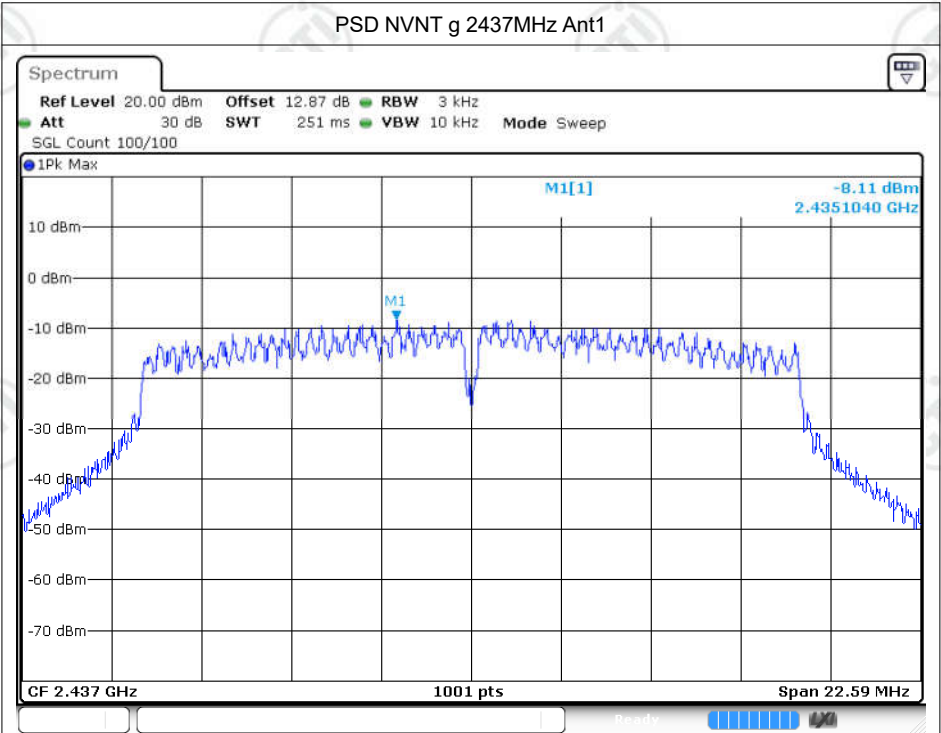




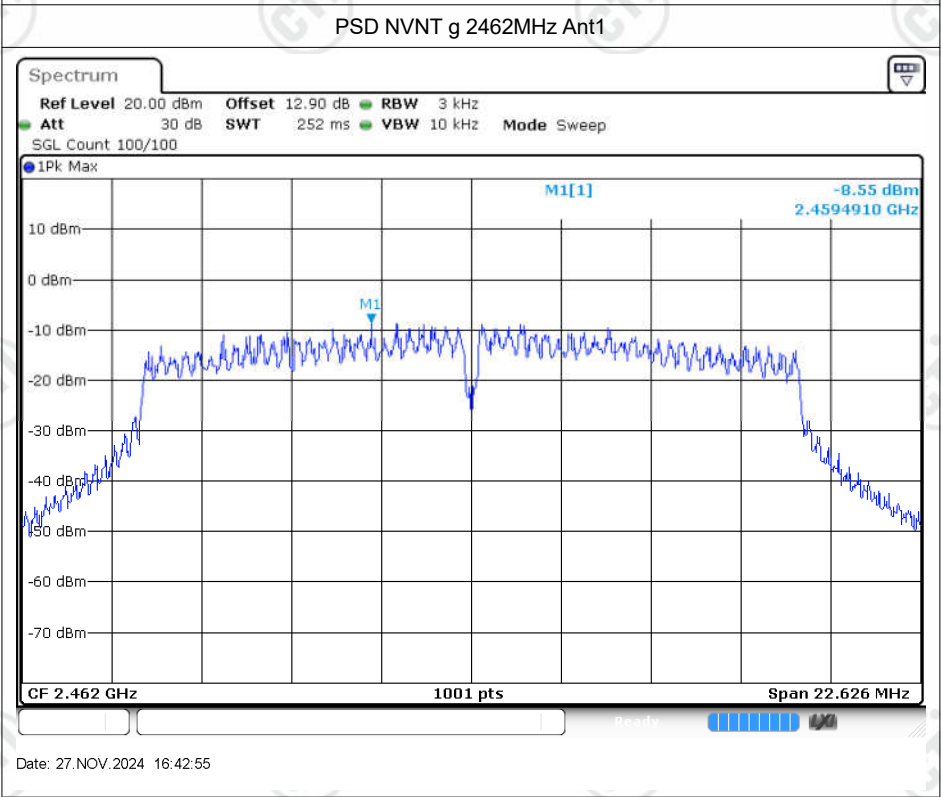
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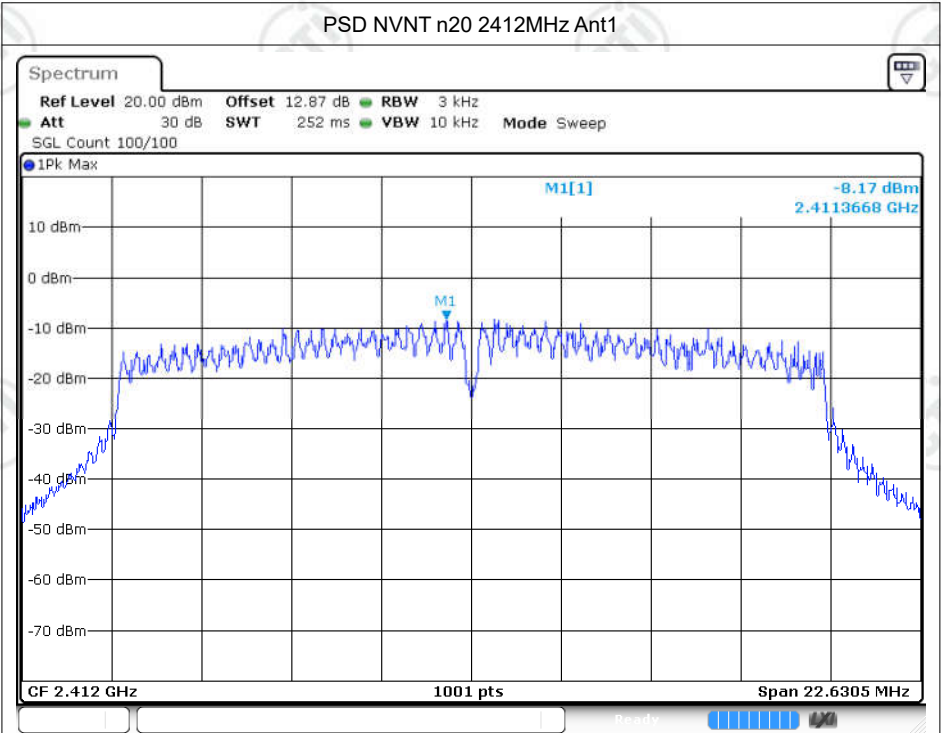
Date: 27.NOV.2024 16:34:20



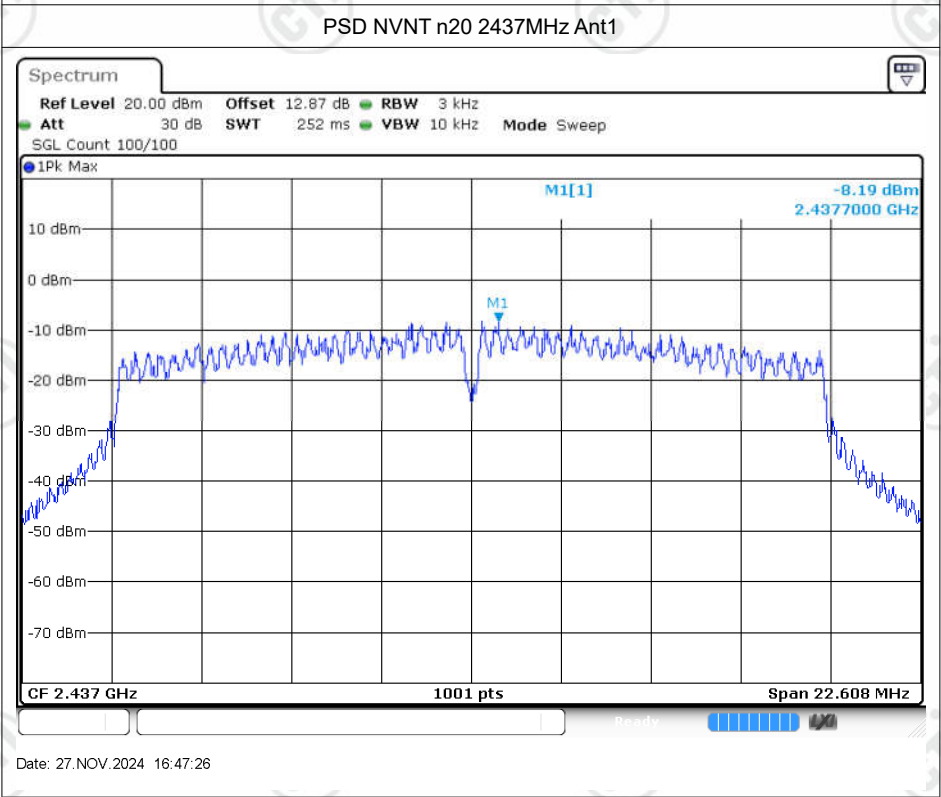
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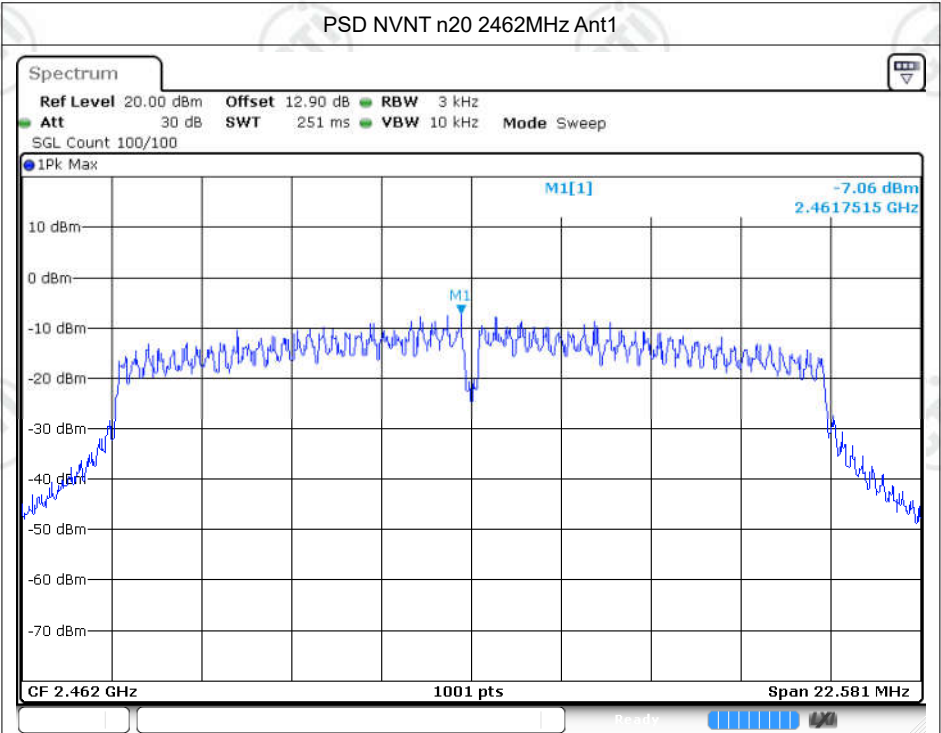
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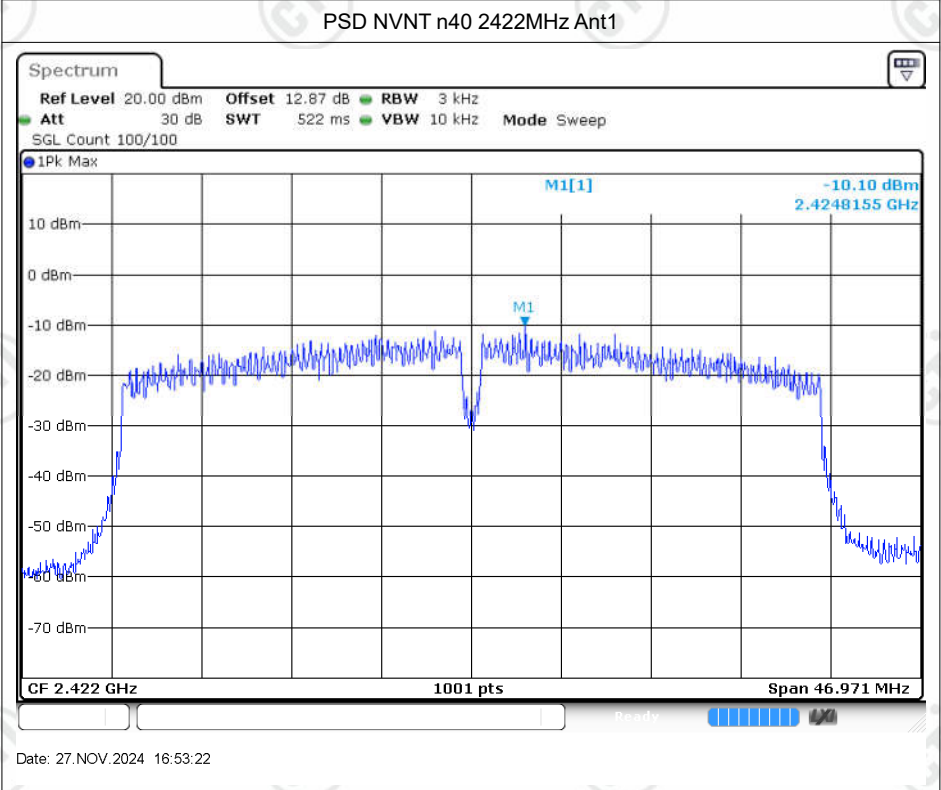
Date: 27.NOV.2024 16:44:58



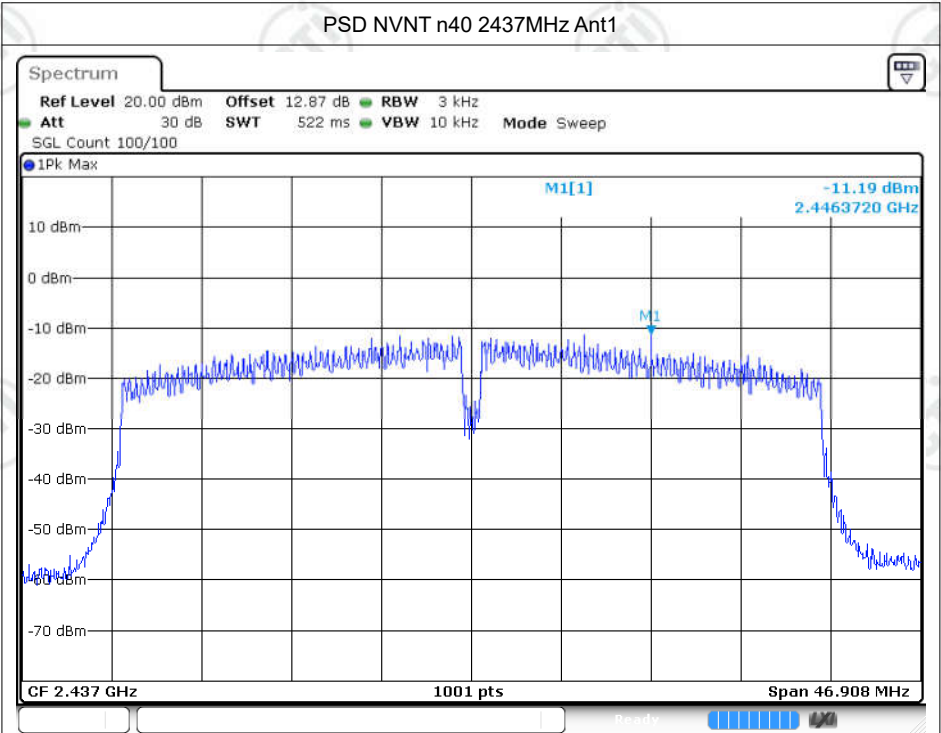
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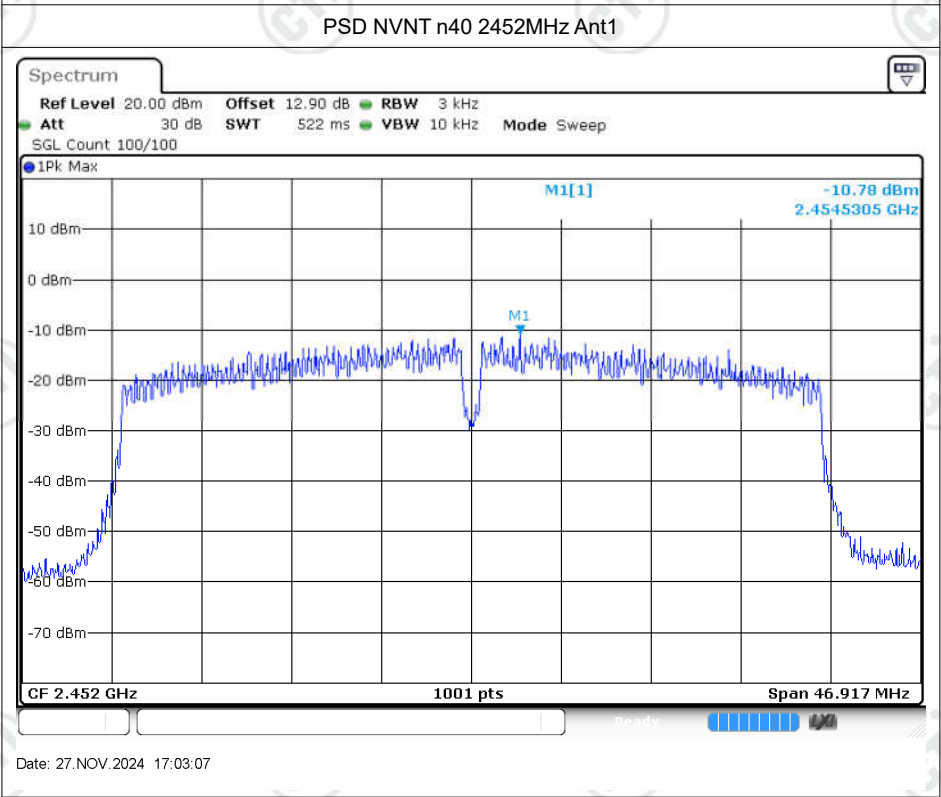
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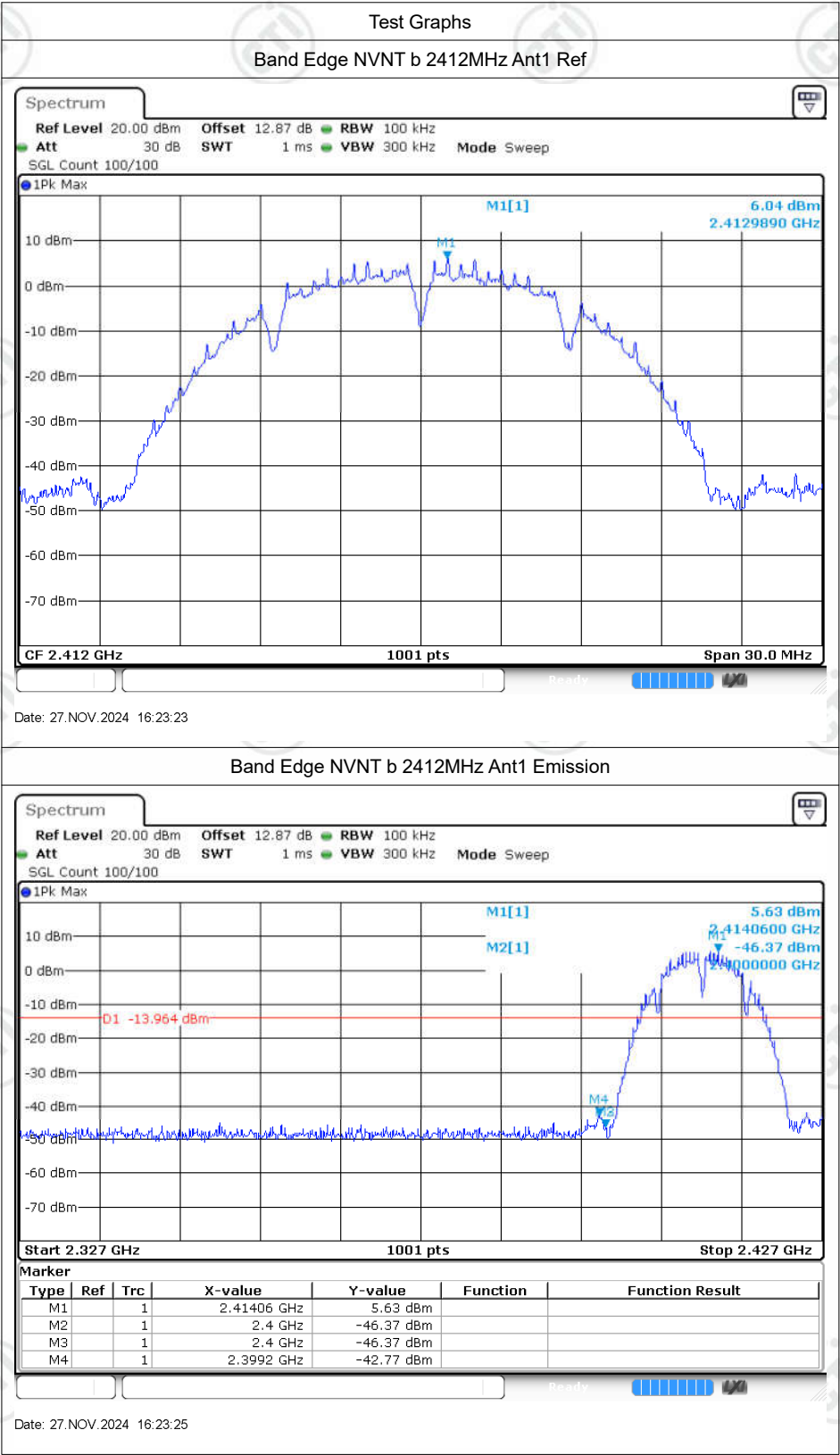
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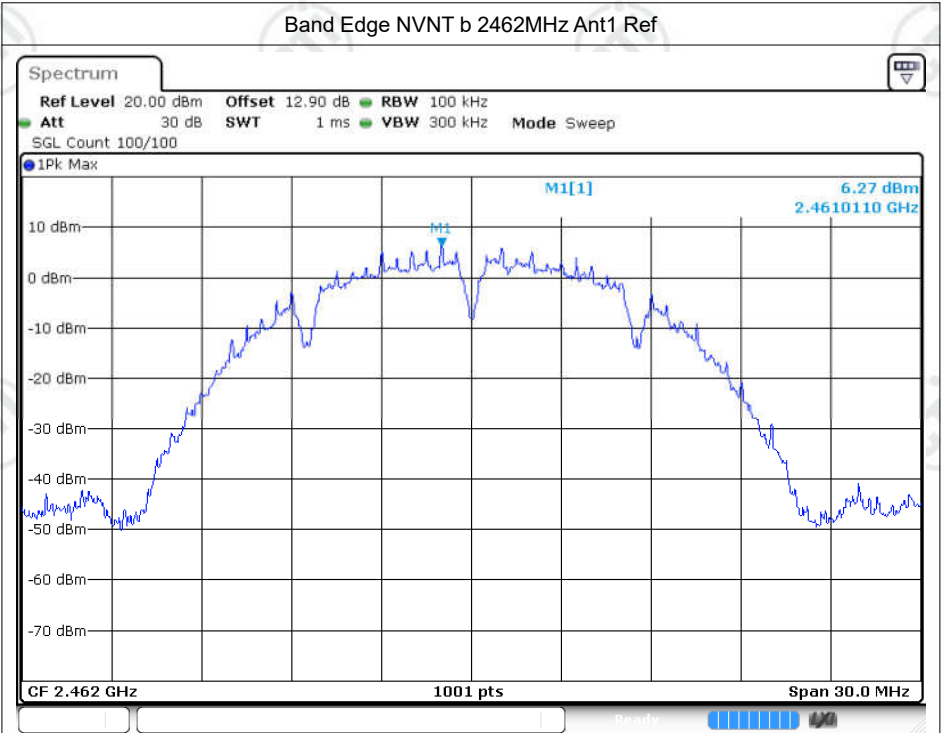


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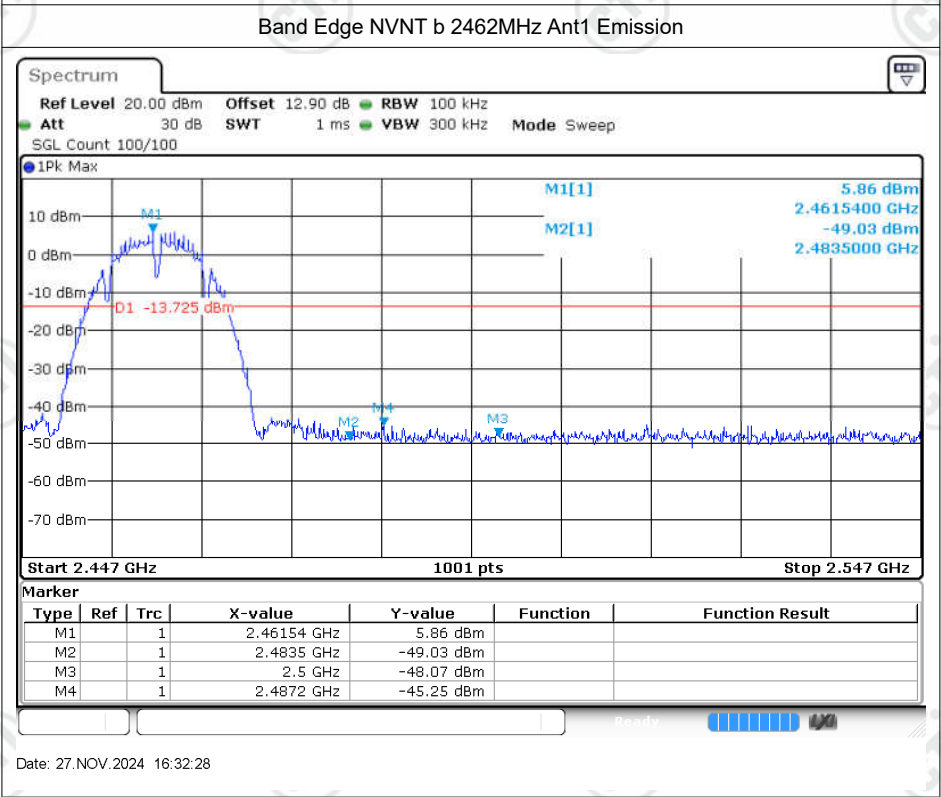
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-48.8	-20	Pass
NVNT	b	2462	Ant1	-51.52	-20	Pass
NVNT	g	2412	Ant1	-42.35	-20	Pass
NVNT	g	2462	Ant1	-49.95	-20	Pass
NVNT	n20	2412	Ant1	-41.93	-20	Pass
NVNT	n20	2462	Ant1	-50.21	-20	Pass
NVNT	n40	2422	Ant1	-43.61	-20	Pass
NVNT	n40	2452	Ant1	-42.6	-20	Pass

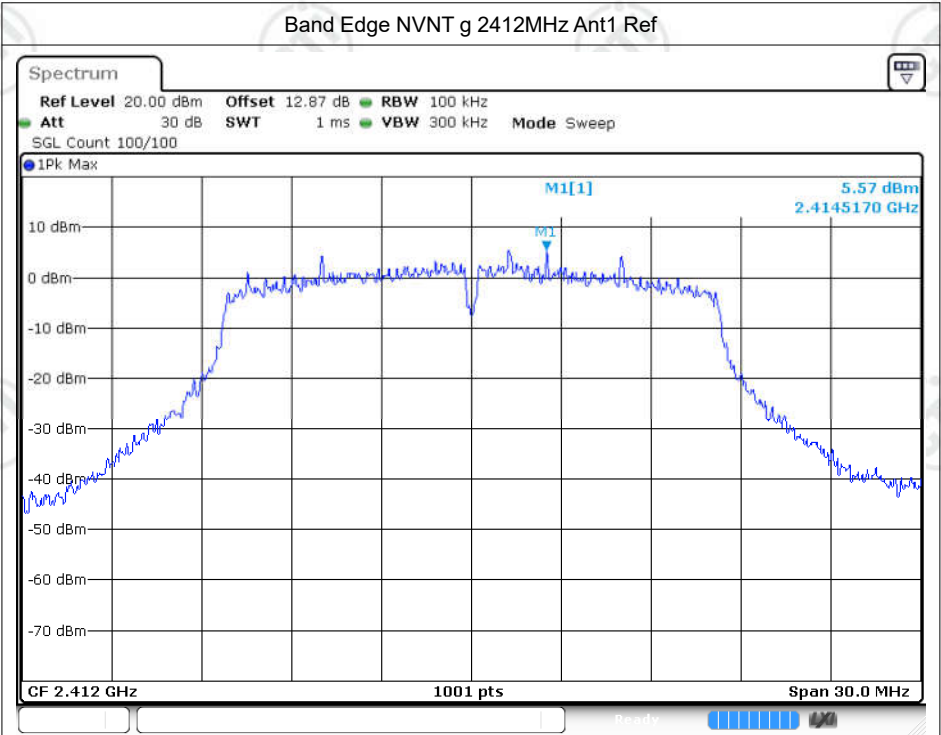




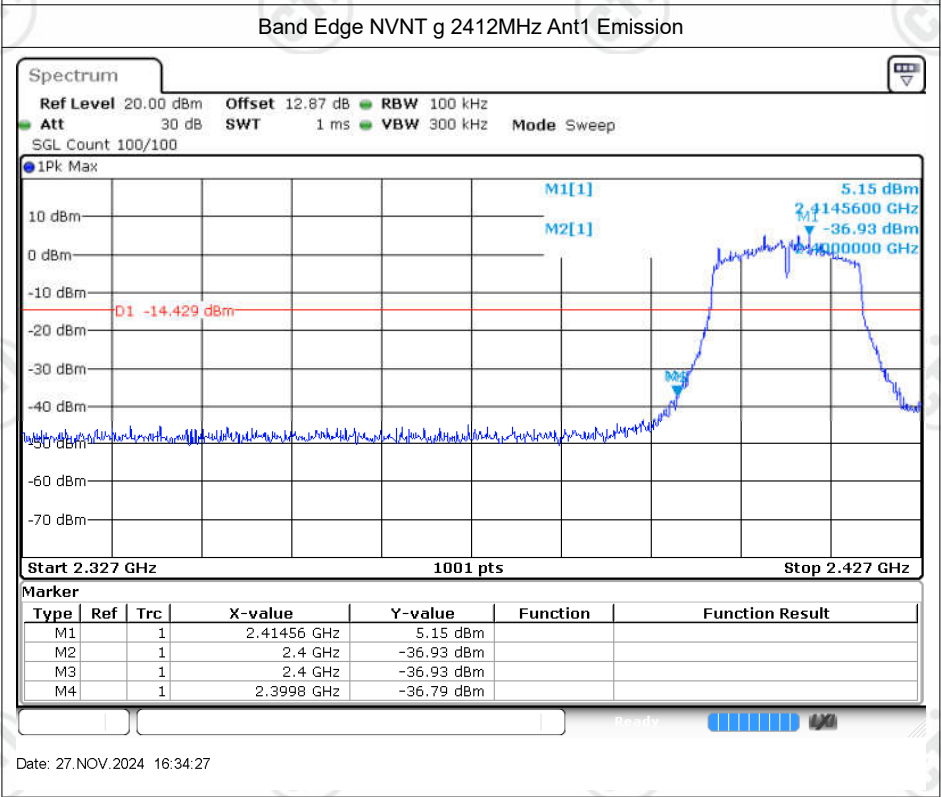
Date: 27.NOV.2024 16:32:27



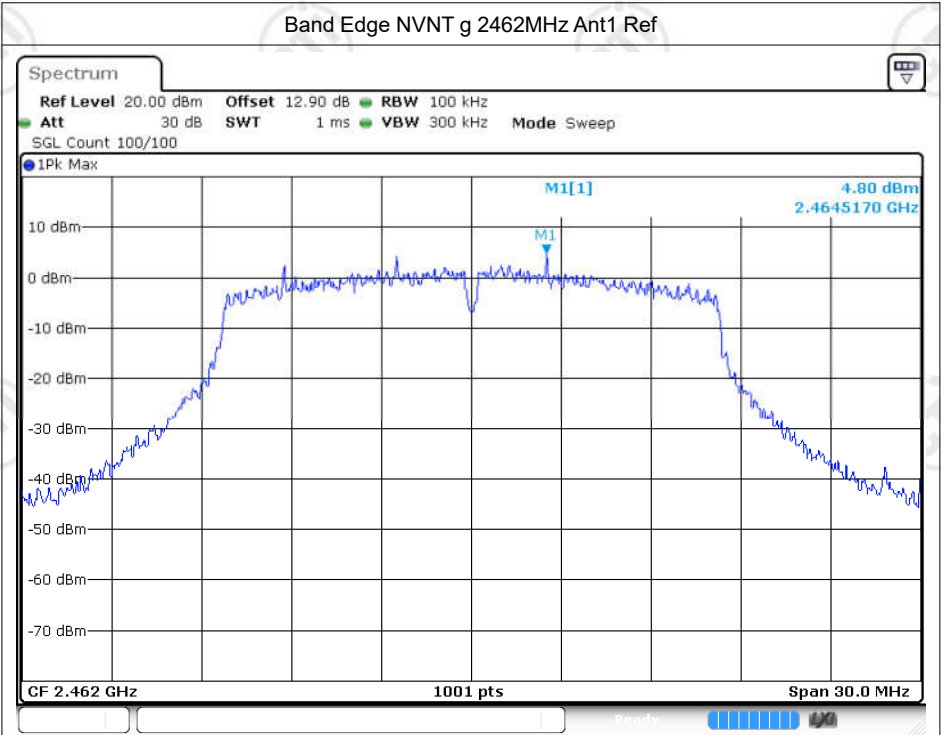
Date: 27.NOV.2024 16:32:28



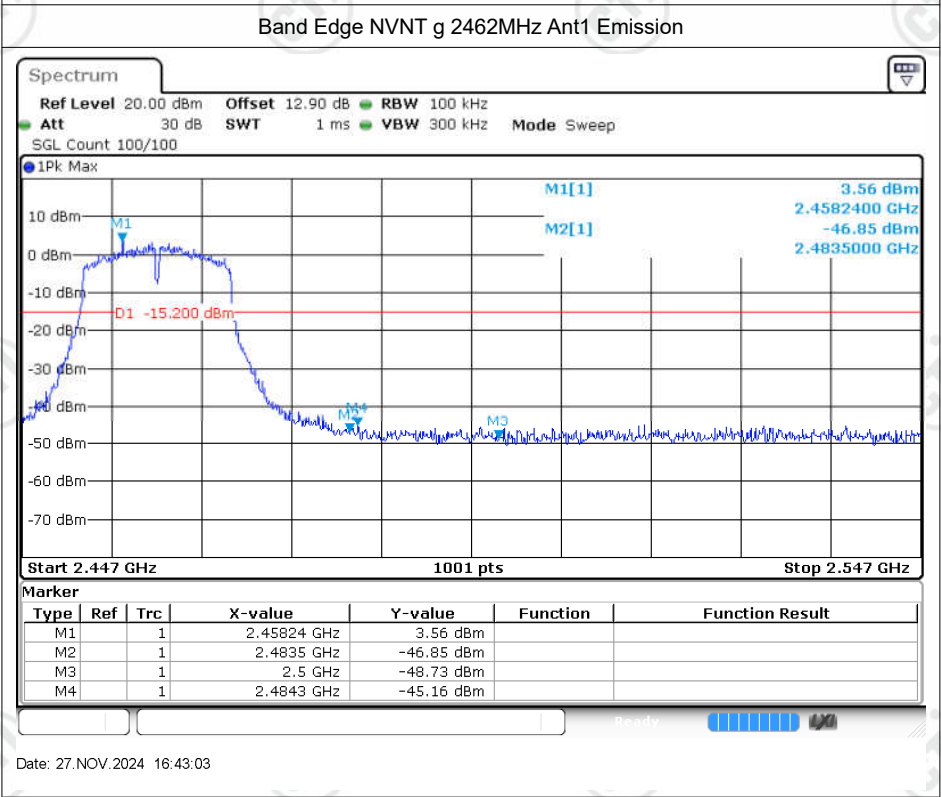
Date: 27.NOV.2024 16:34:25



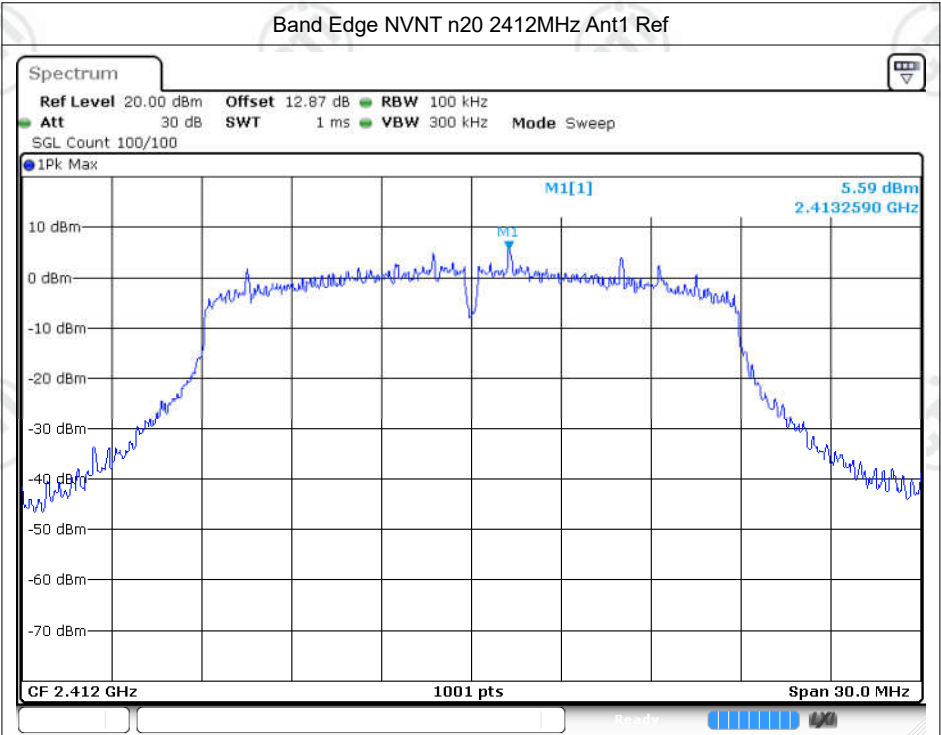
Date: 27.NOV.2024 16:34:27



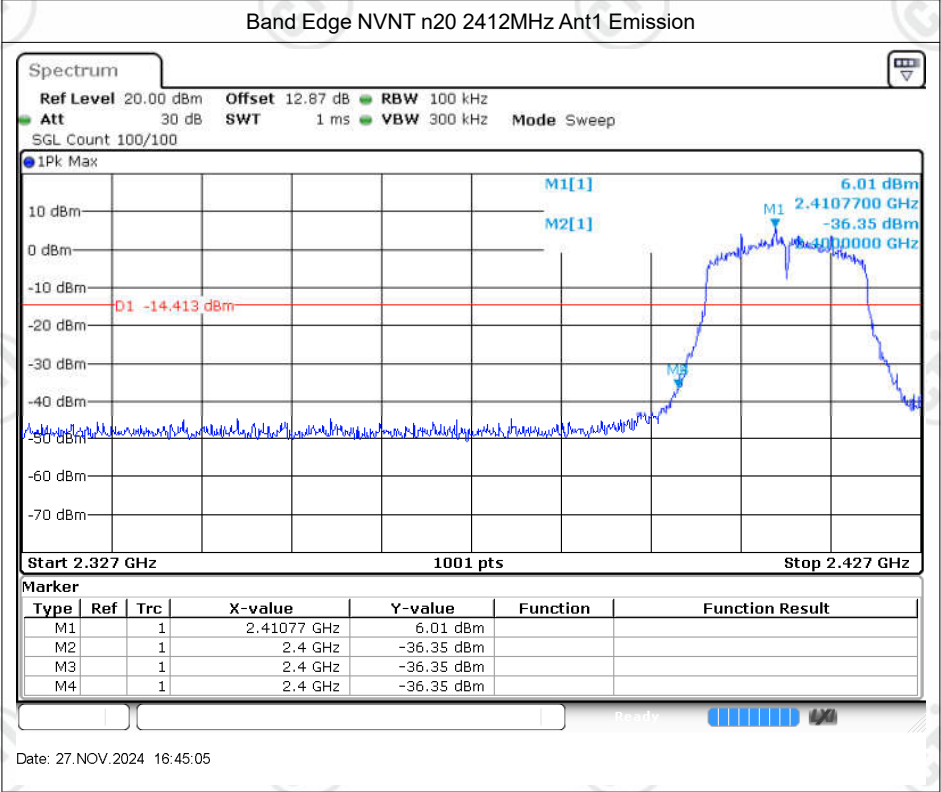
Date: 27.NOV.2024 16:43:02



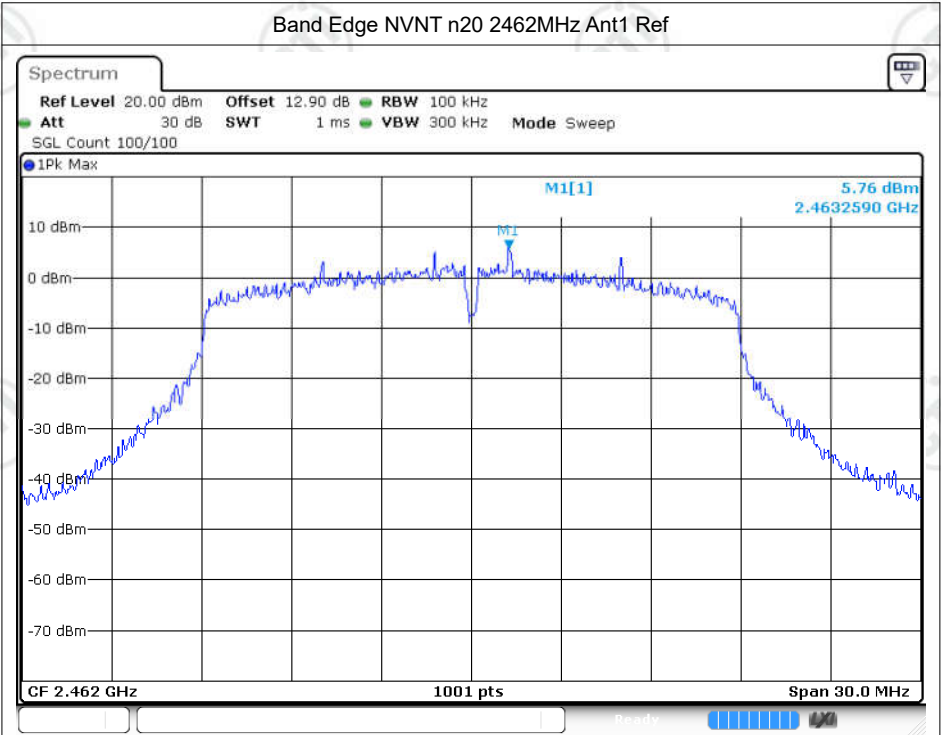
Date: 27.NOV.2024 16:43:03



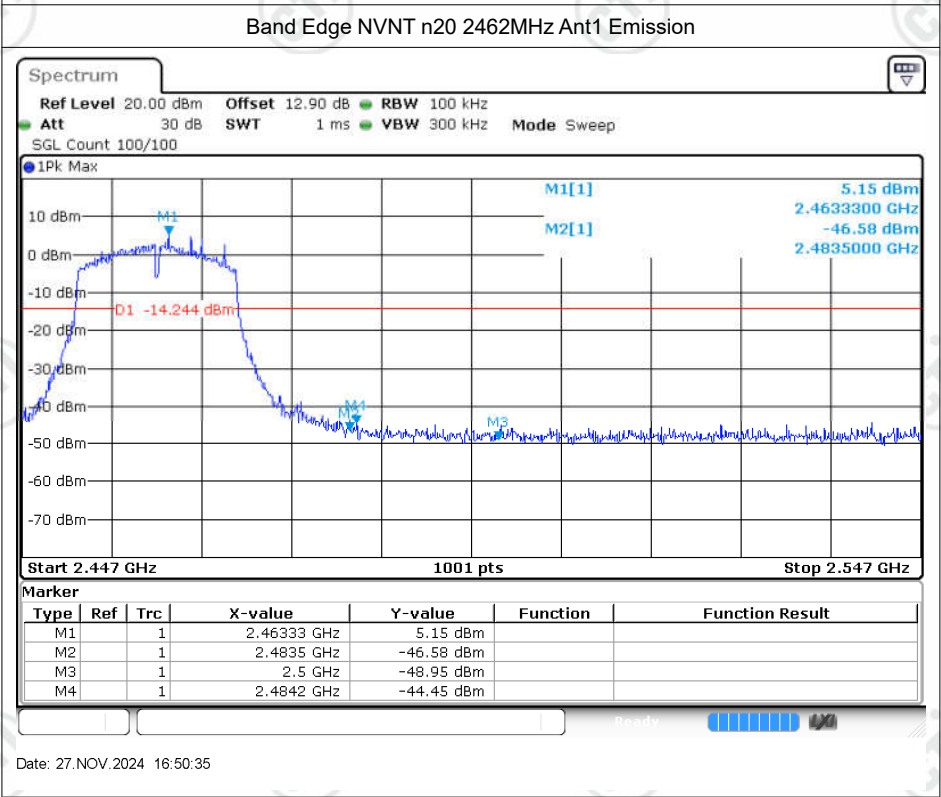
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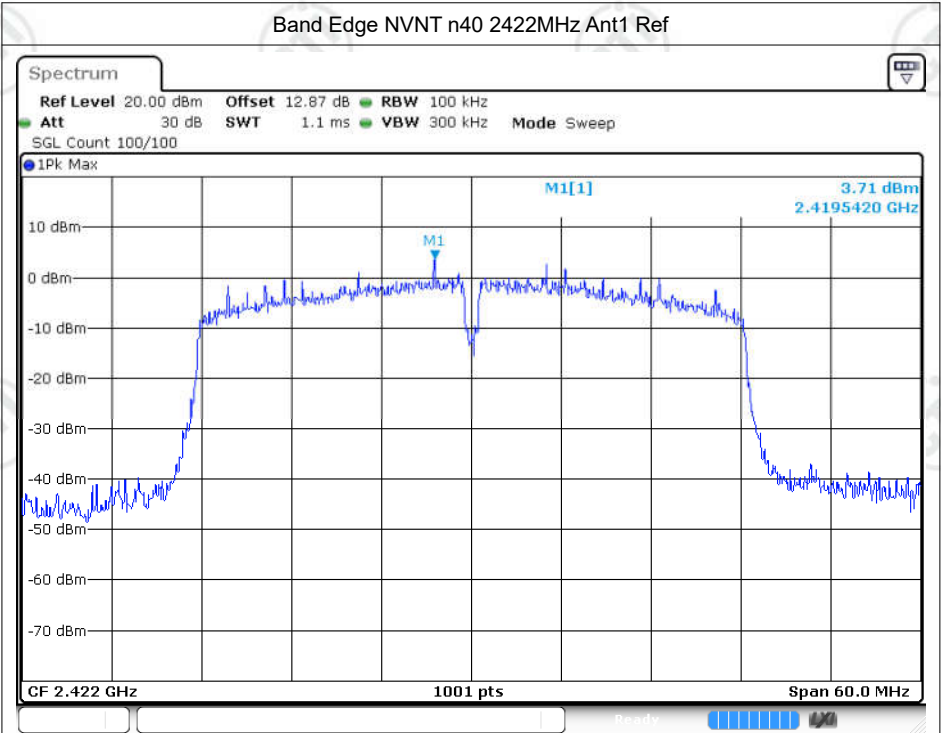


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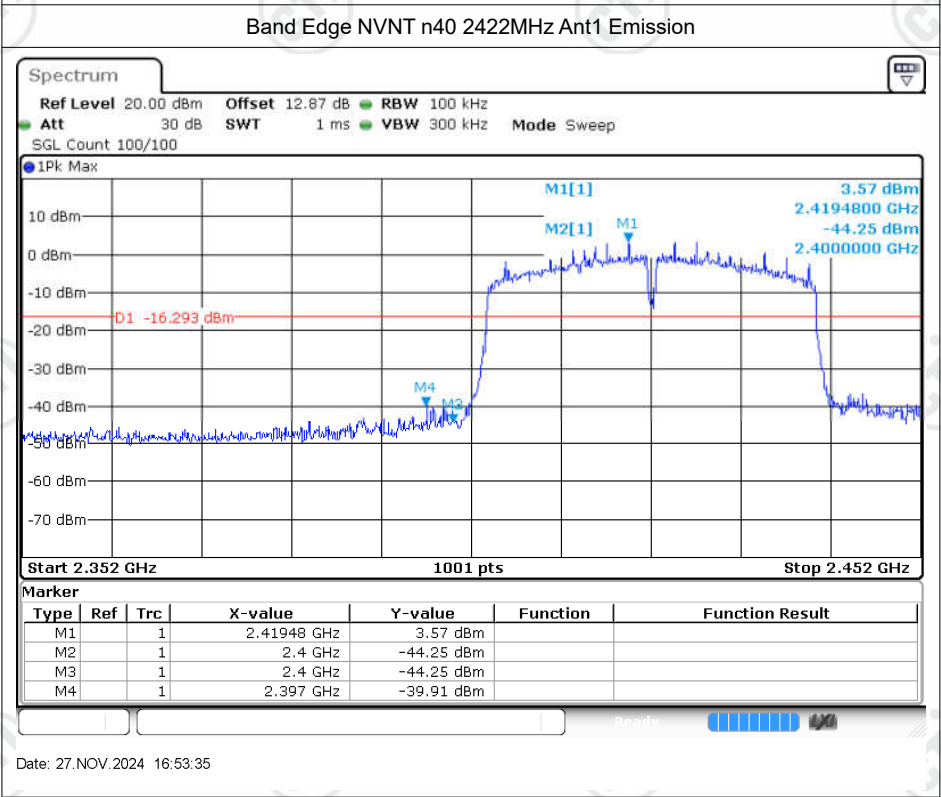


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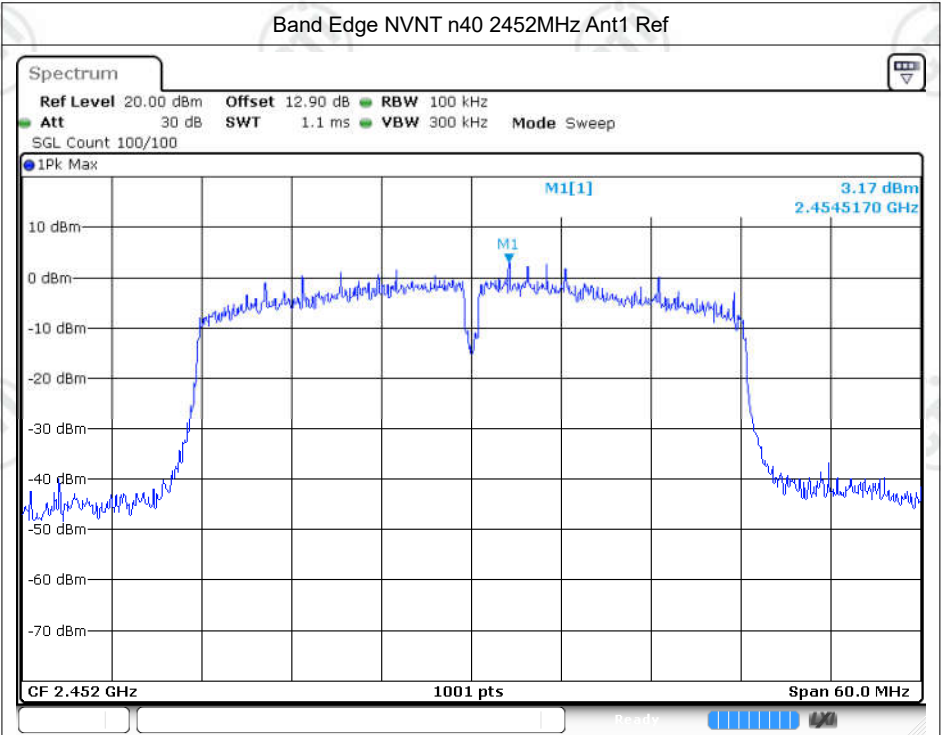




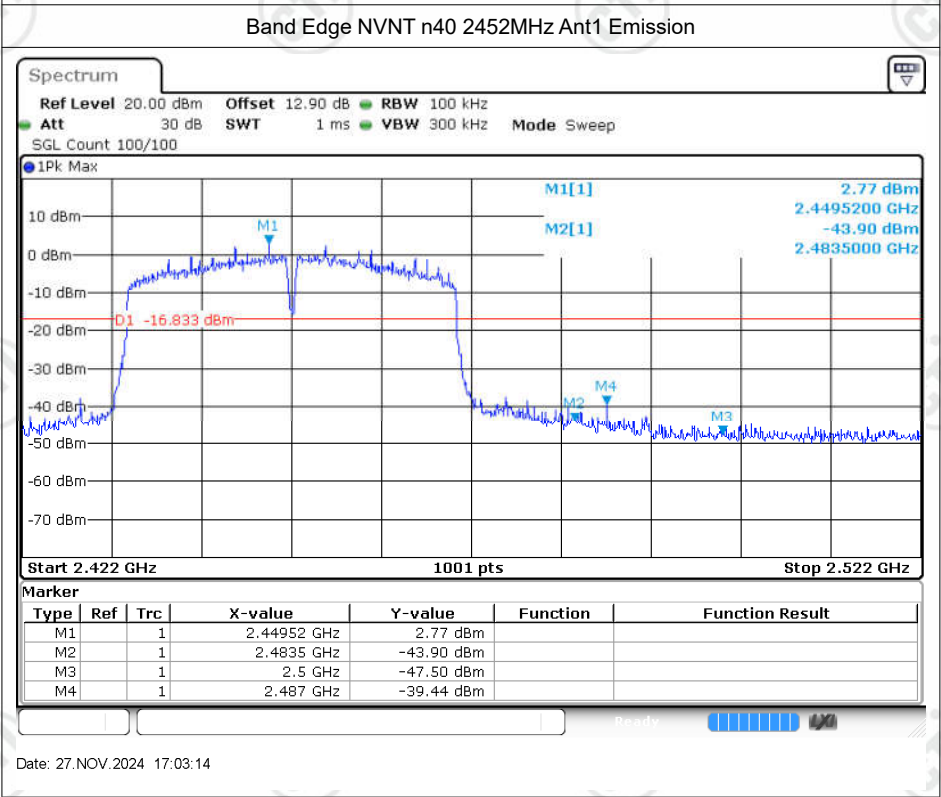
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Date: 27.NOV.2024 16:53:35



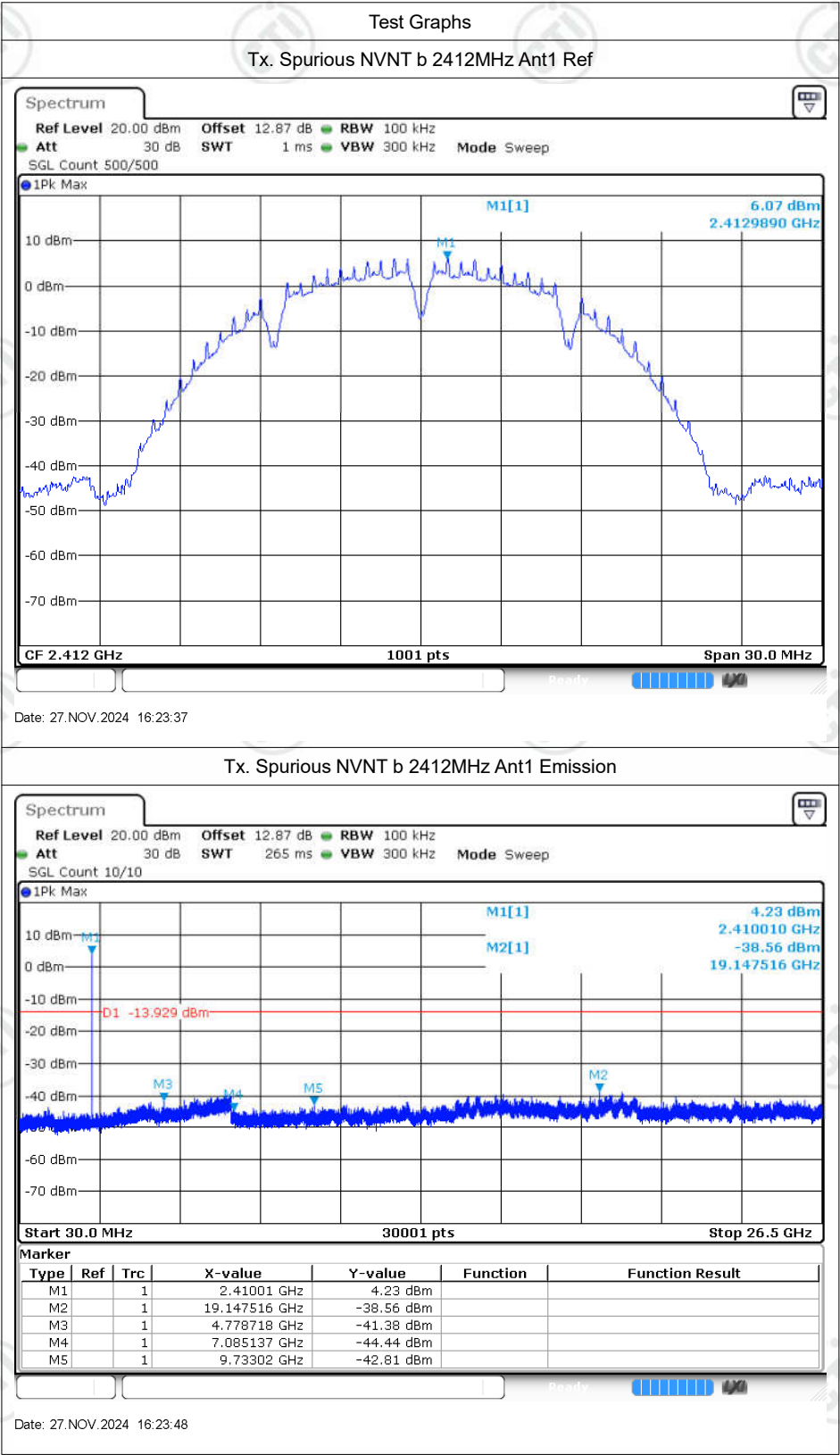
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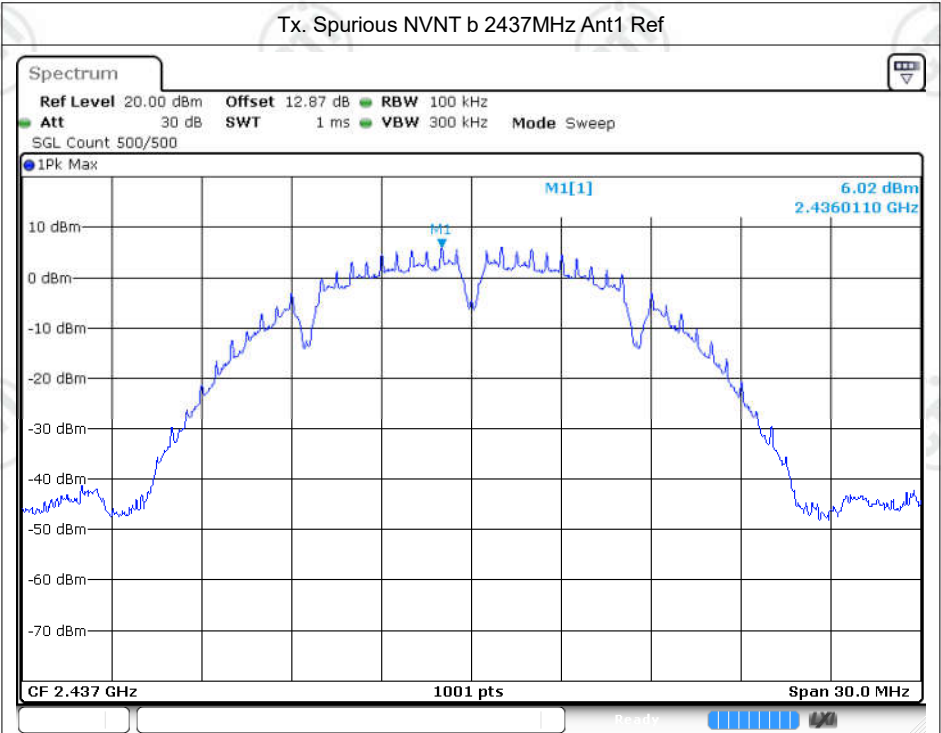


Date: 27.NOV.2024 17:03:14

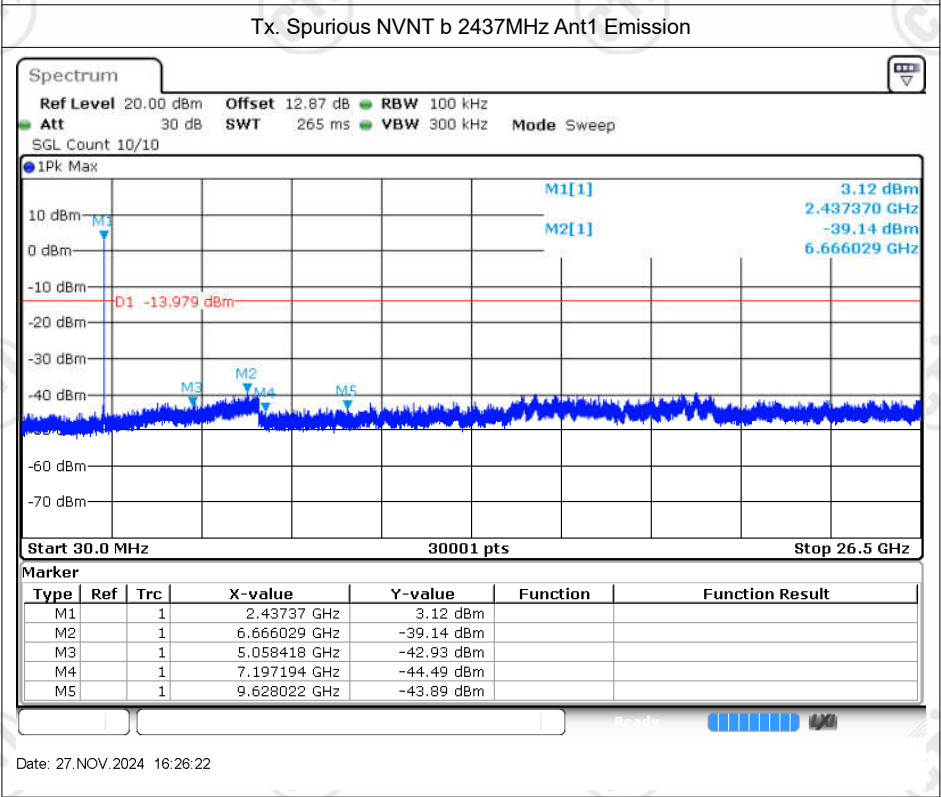
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-44.63	-20	Pass
NVNT	b	2437	Ant1	-45.15	-20	Pass
NVNT	b	2462	Ant1	-44.08	-20	Pass
NVNT	g	2412	Ant1	-44.79	-20	Pass
NVNT	g	2437	Ant1	-44.57	-20	Pass
NVNT	g	2462	Ant1	-44.25	-20	Pass
NVNT	n20	2412	Ant1	-45.46	-20	Pass
NVNT	n20	2437	Ant1	-44.17	-20	Pass
NVNT	n20	2462	Ant1	-44.74	-20	Pass
NVNT	n40	2422	Ant1	-42.91	-20	Pass
NVNT	n40	2437	Ant1	-42.51	-20	Pass
NVNT	n40	2452	Ant1	-41.98	-20	Pass

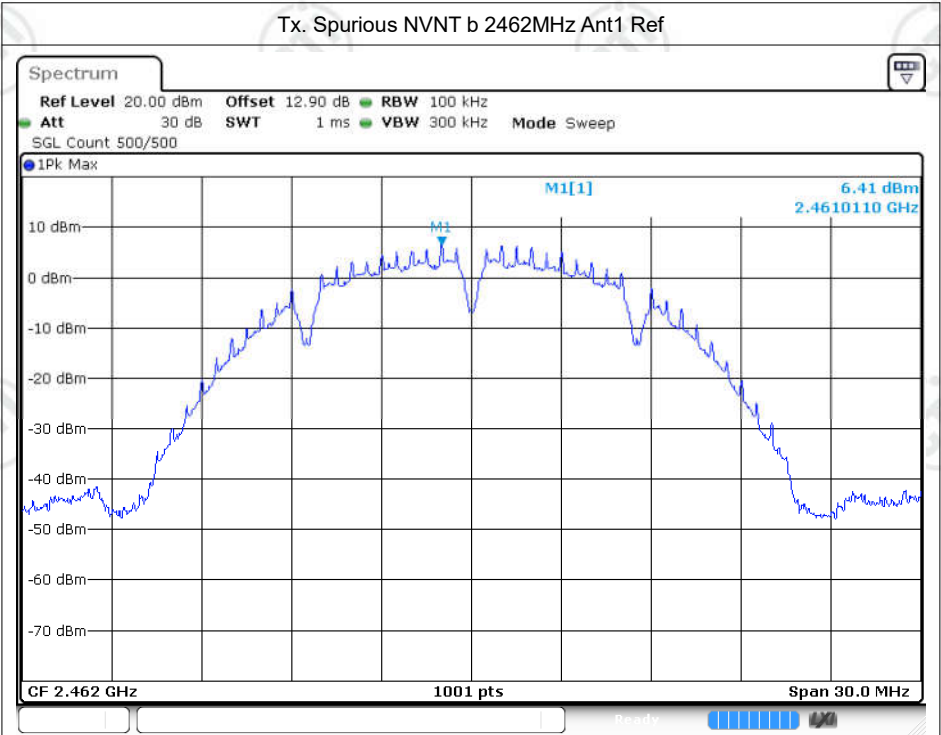




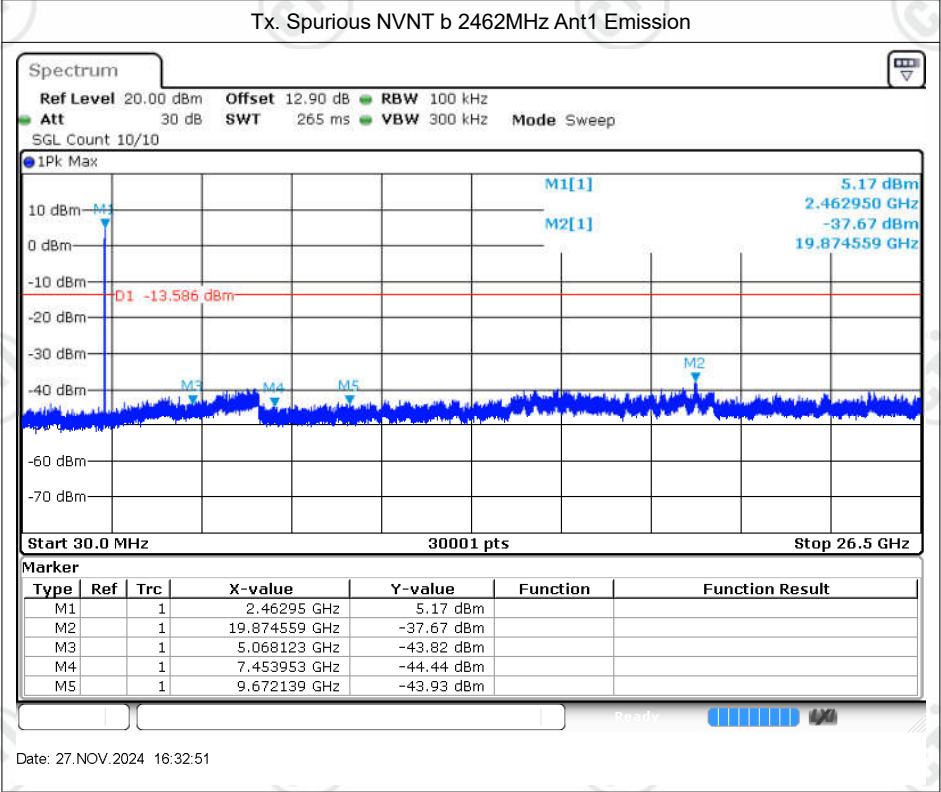
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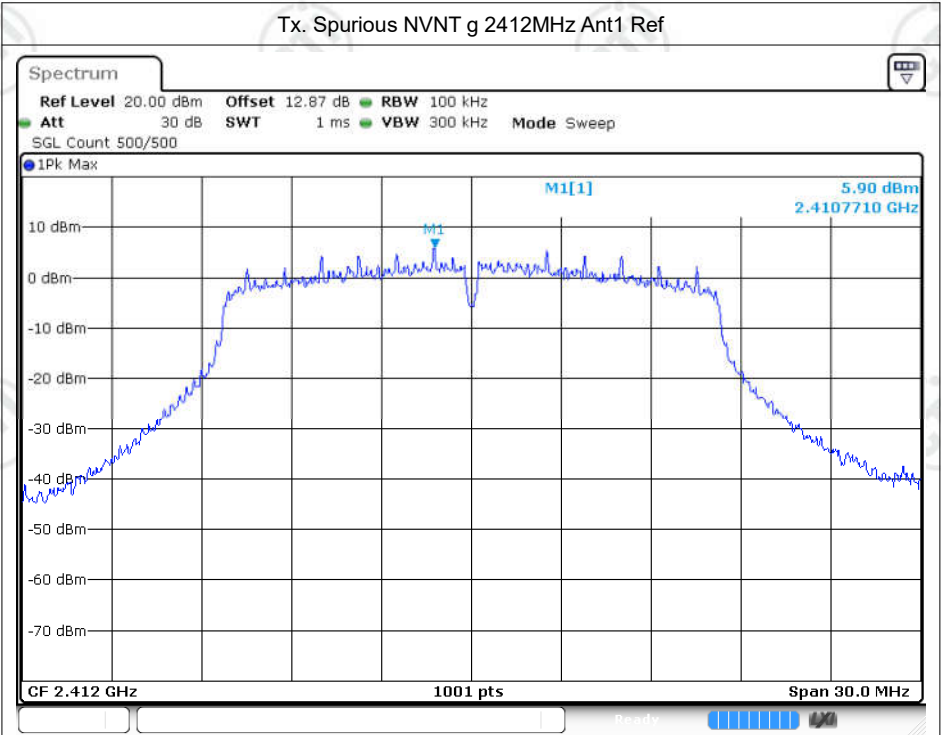
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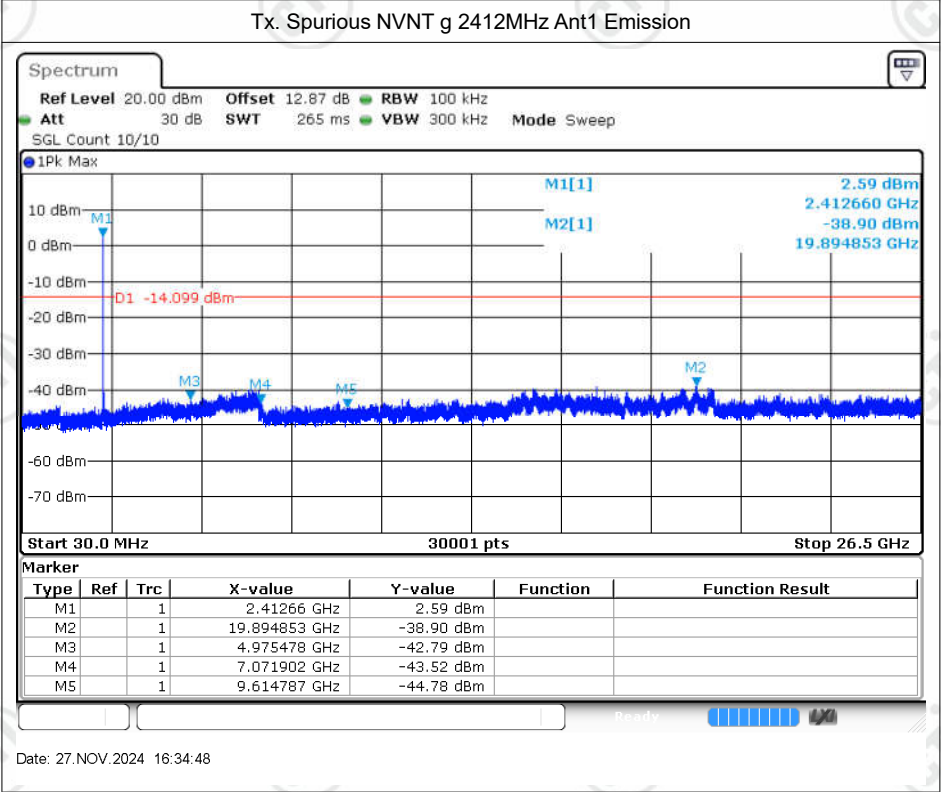
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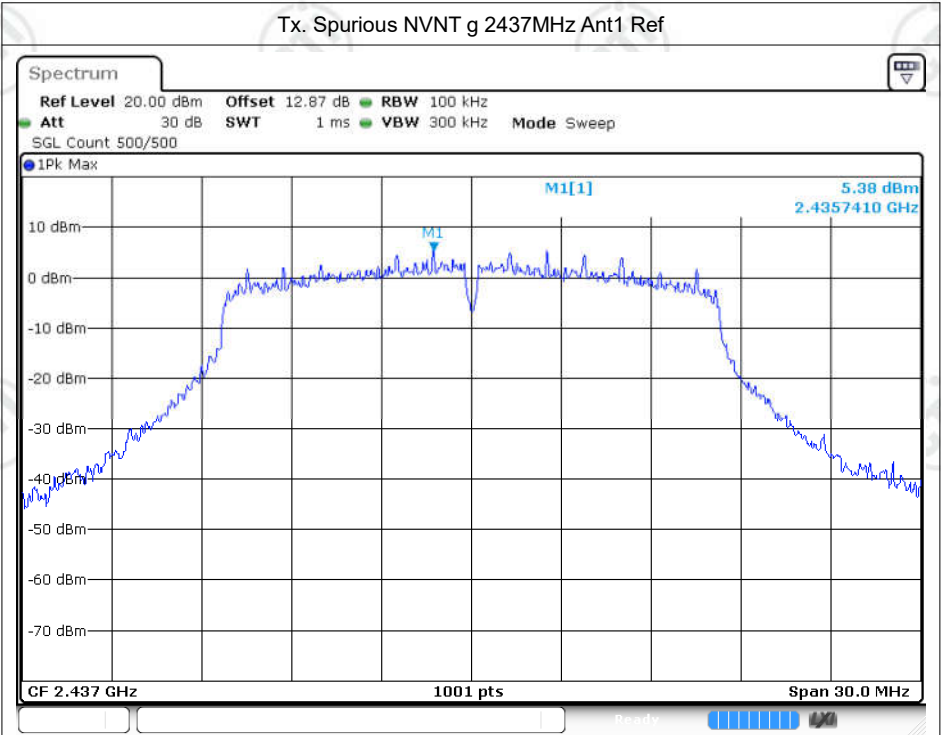


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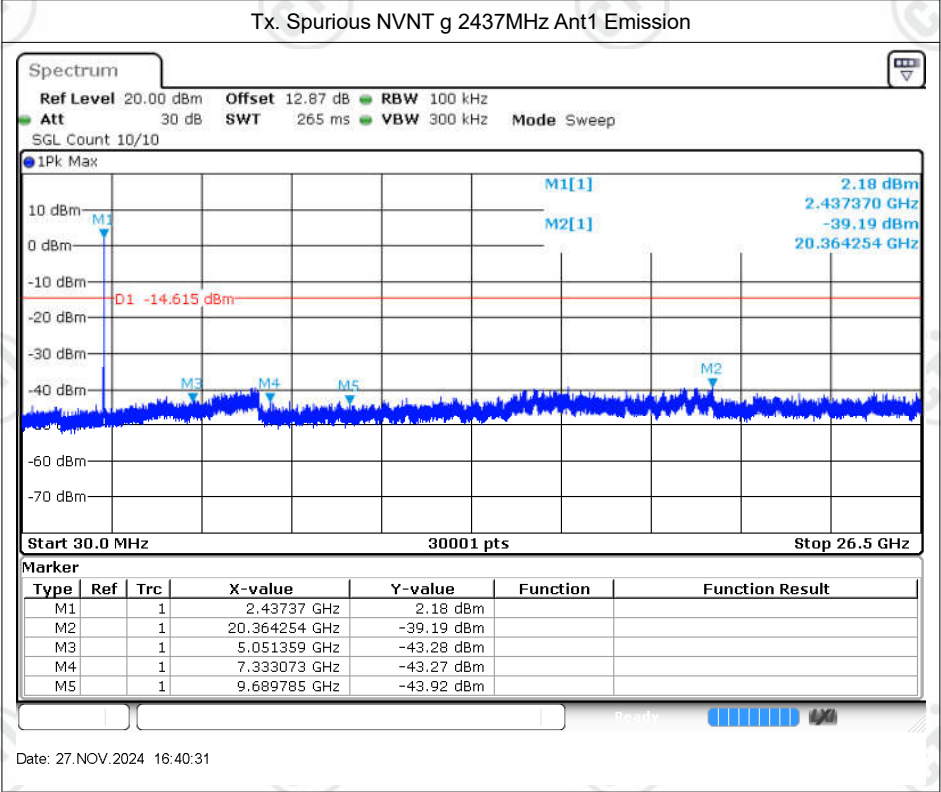


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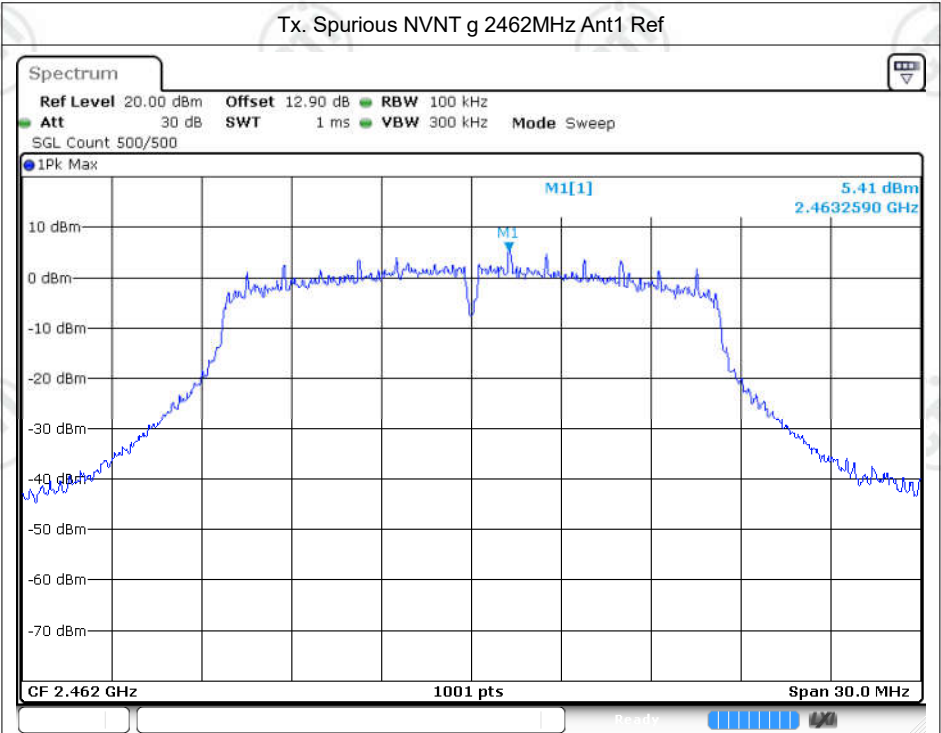




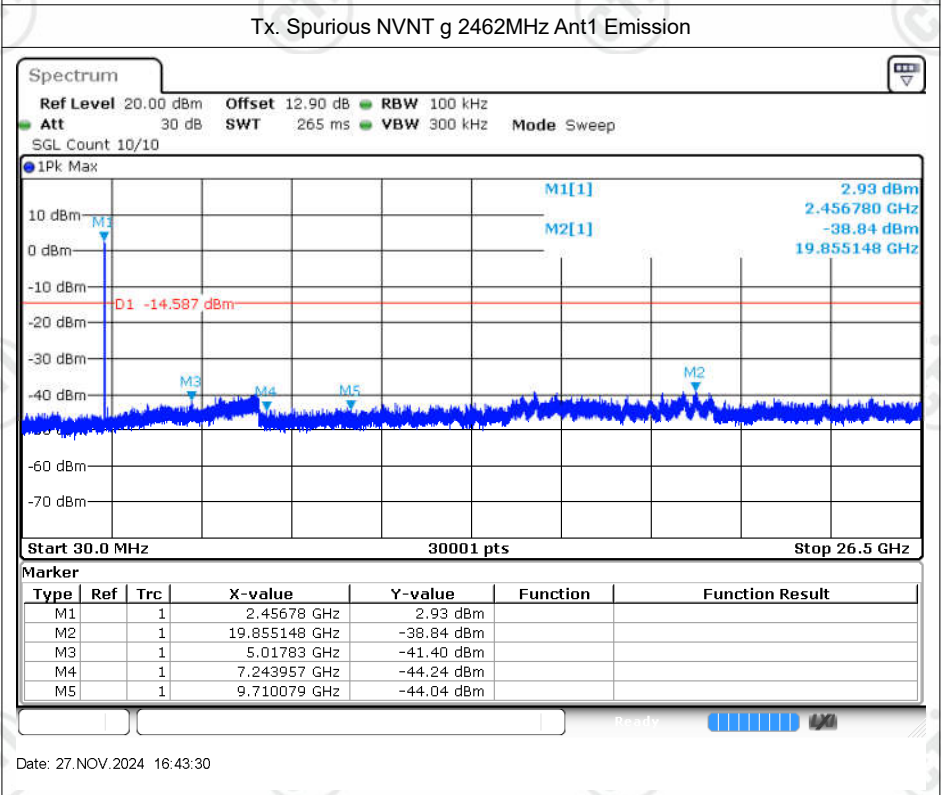
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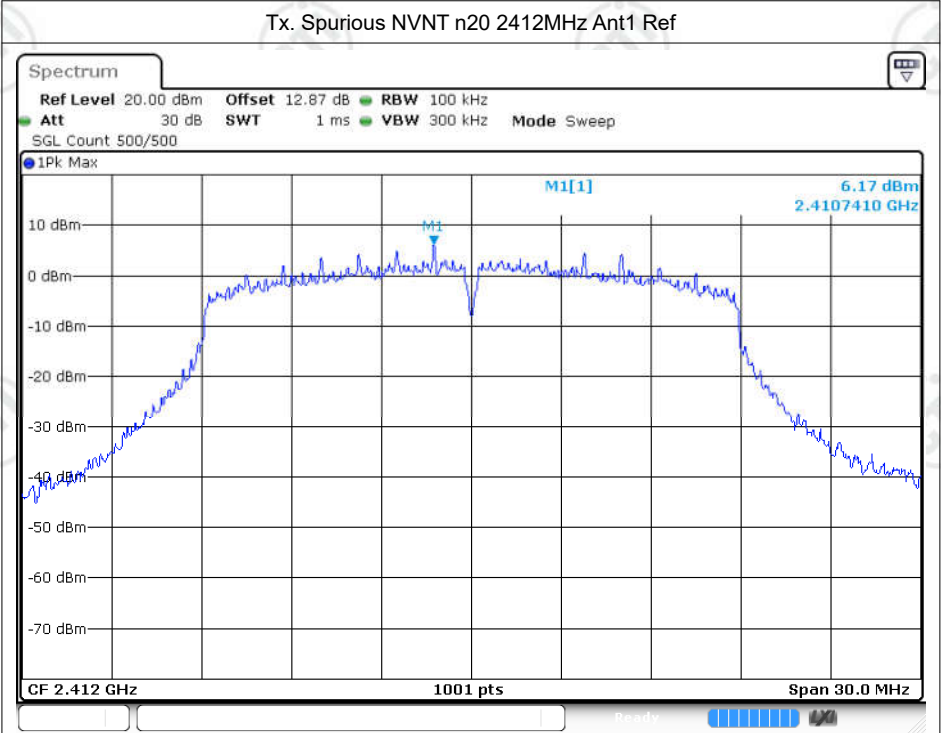


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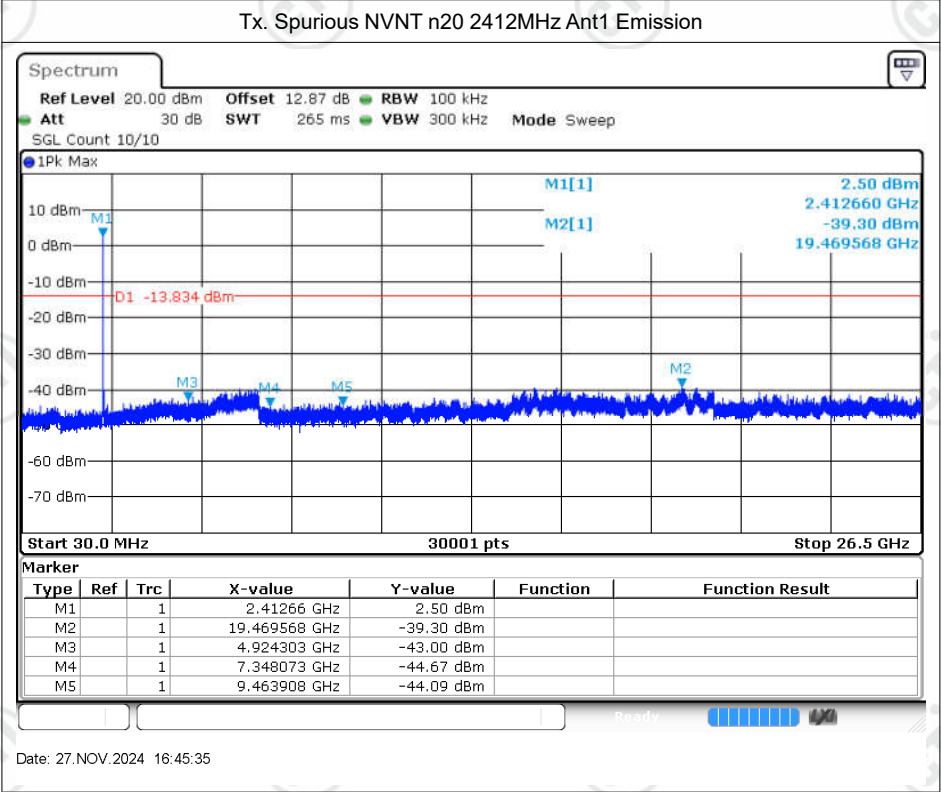


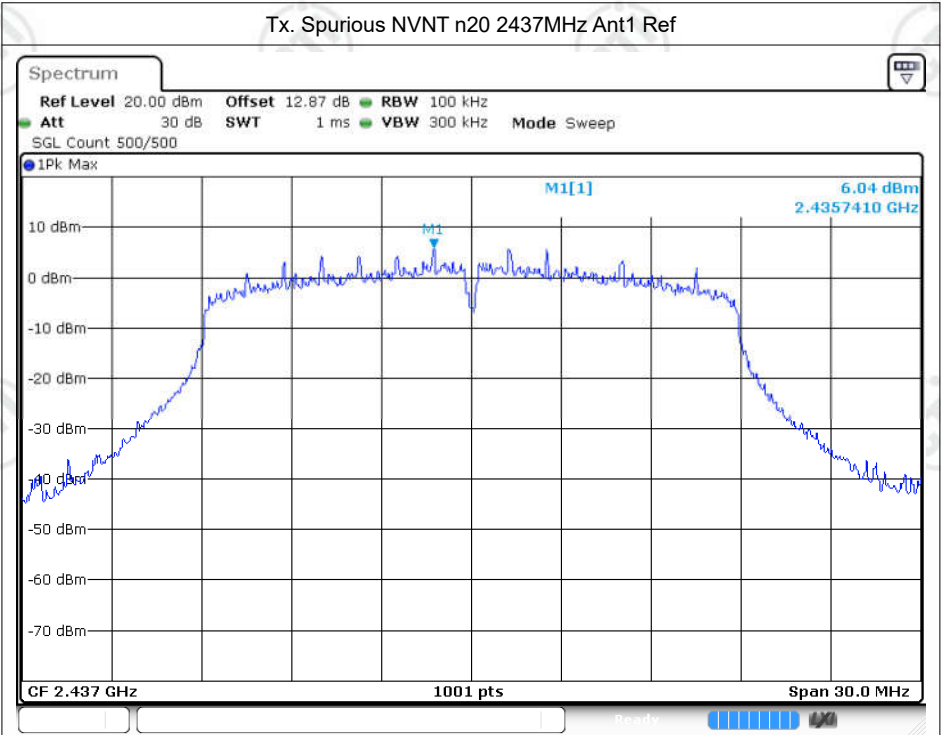
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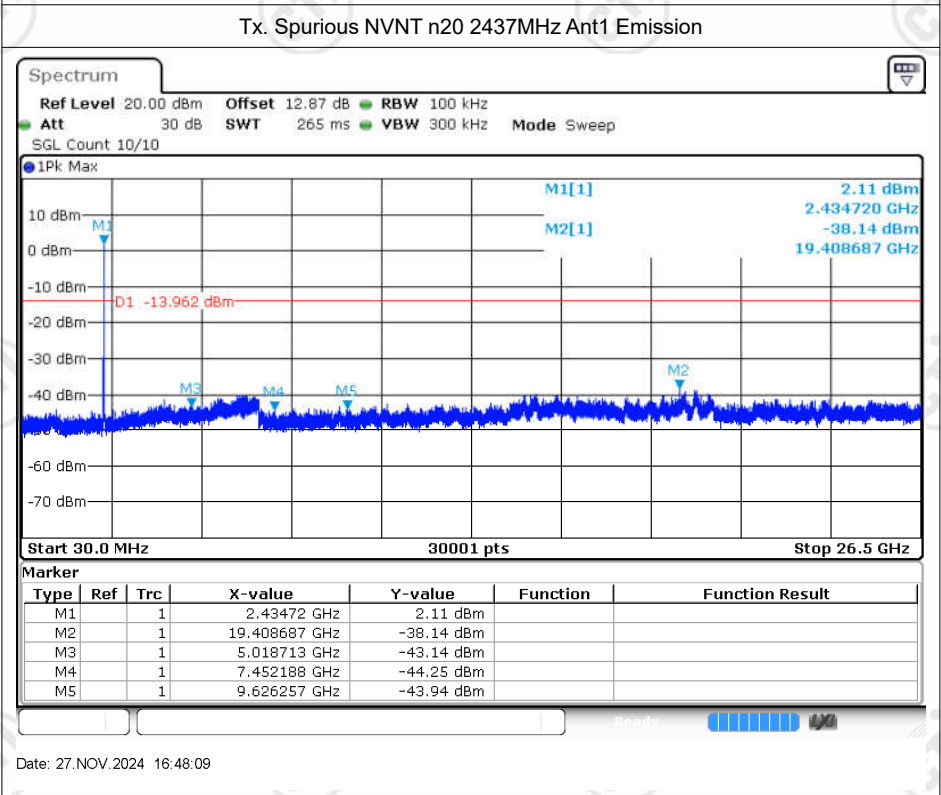


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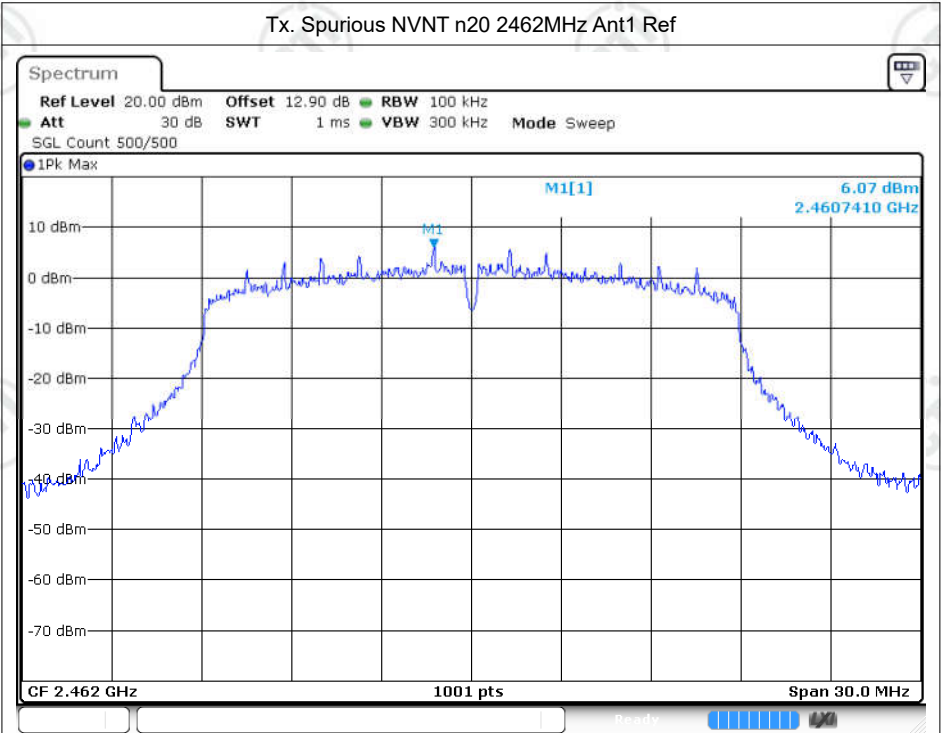




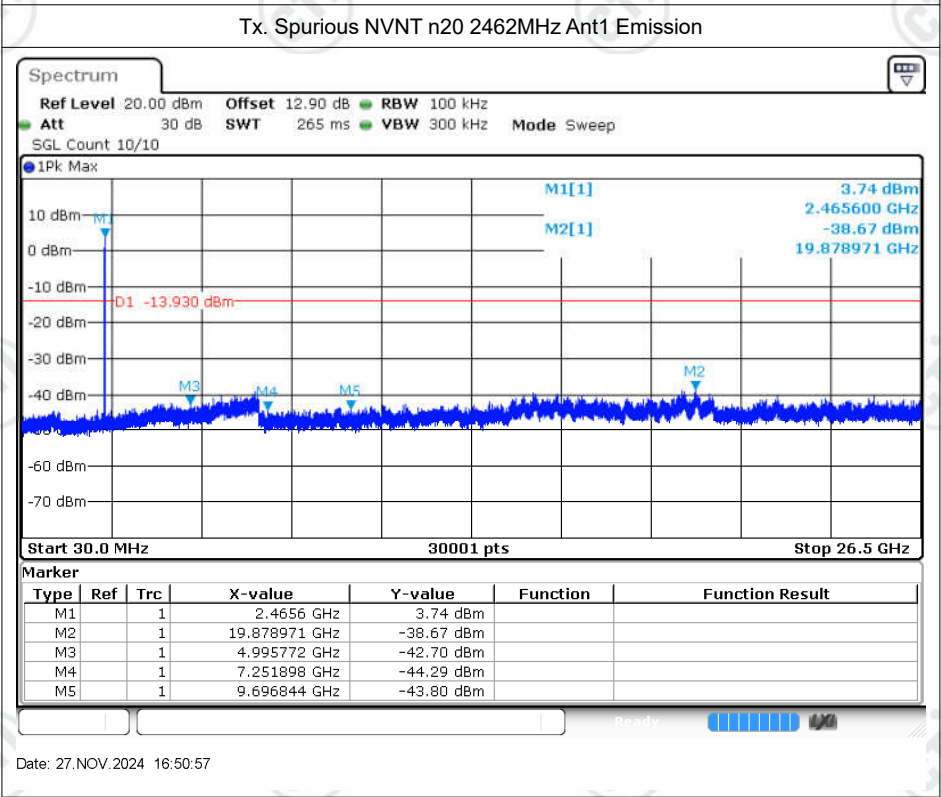
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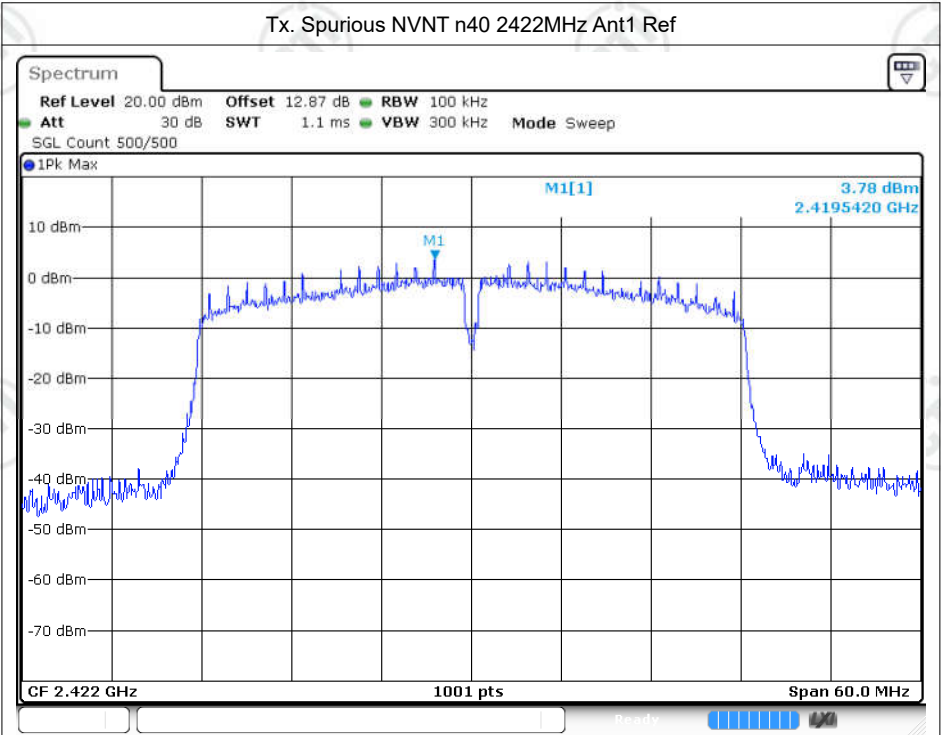


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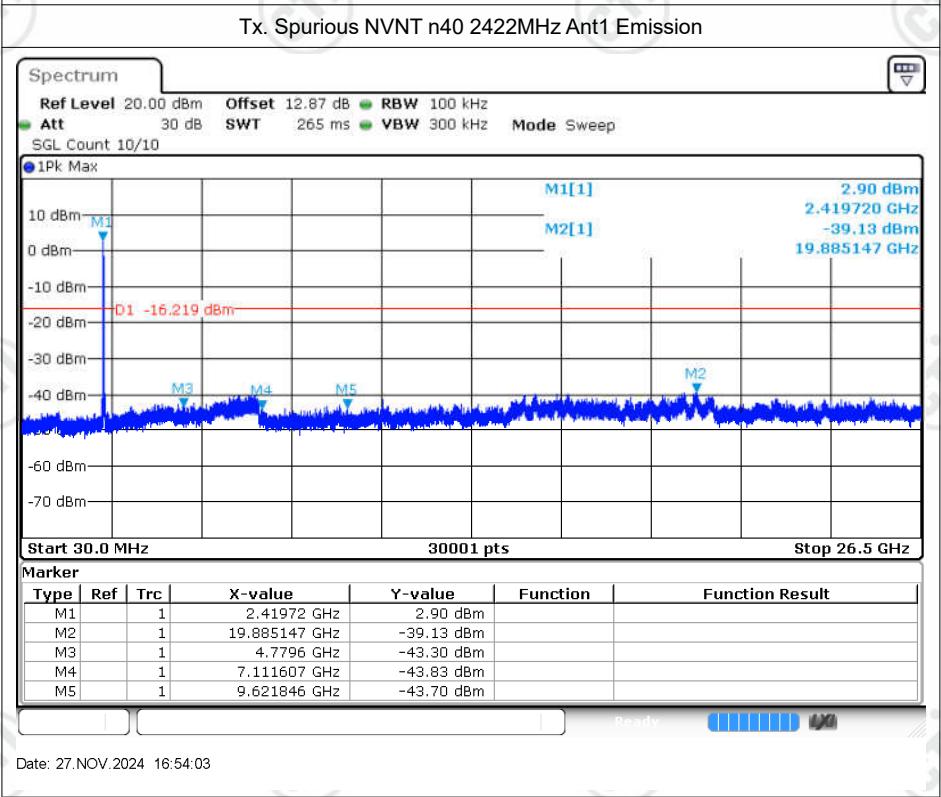


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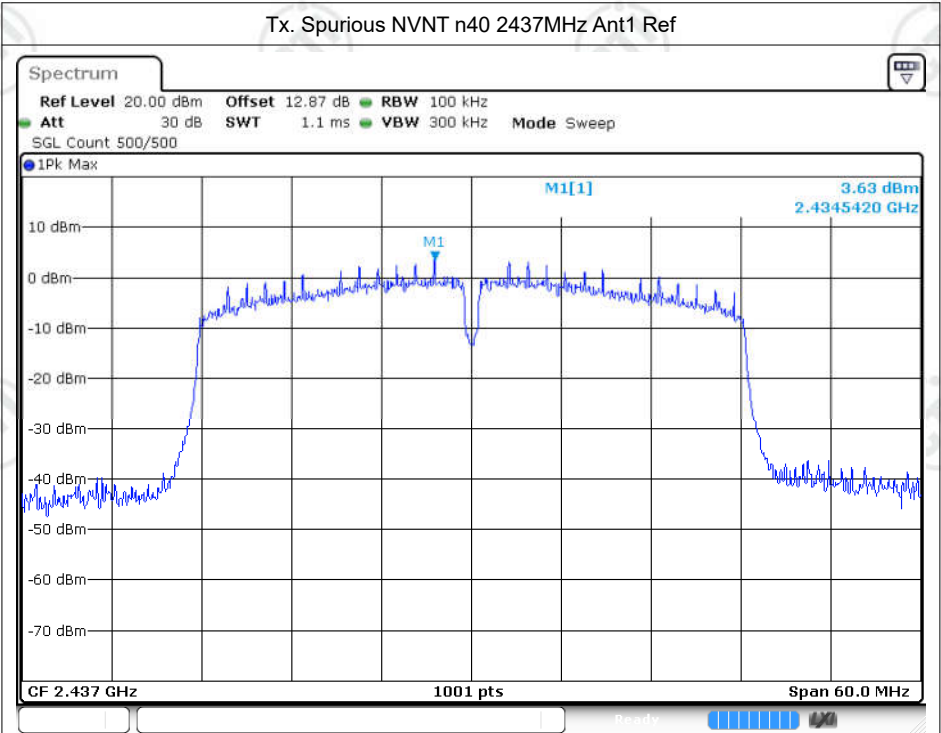




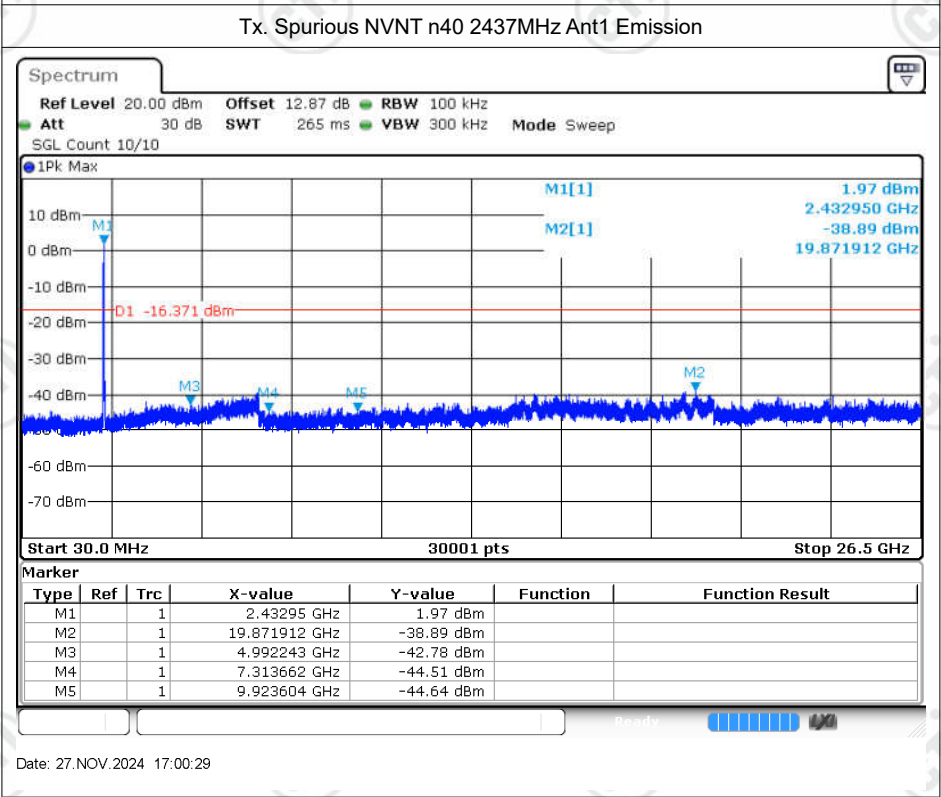
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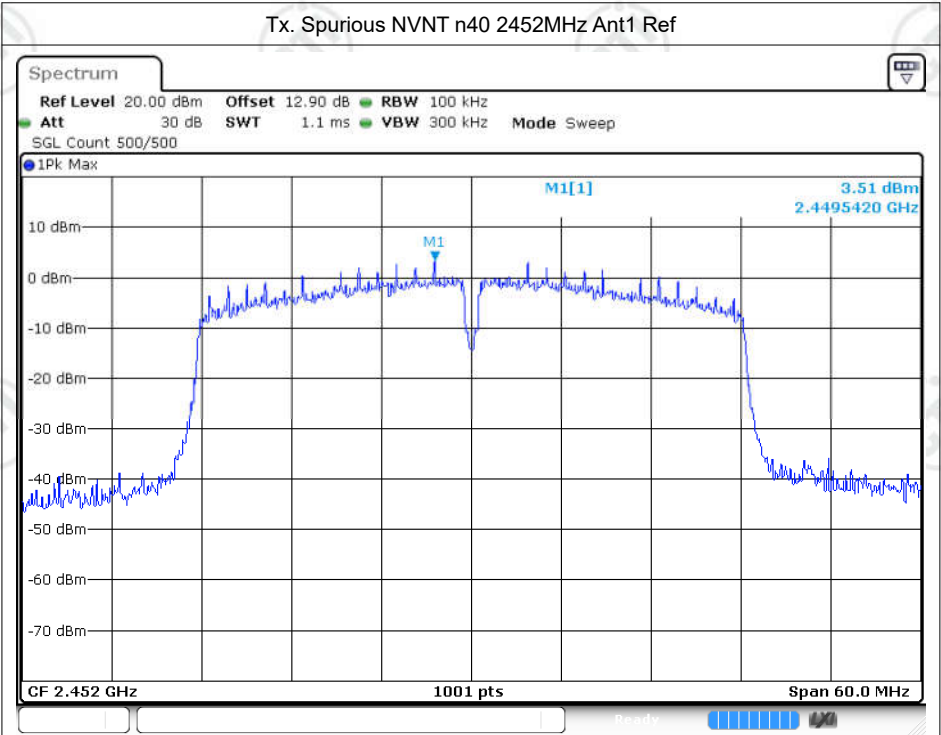
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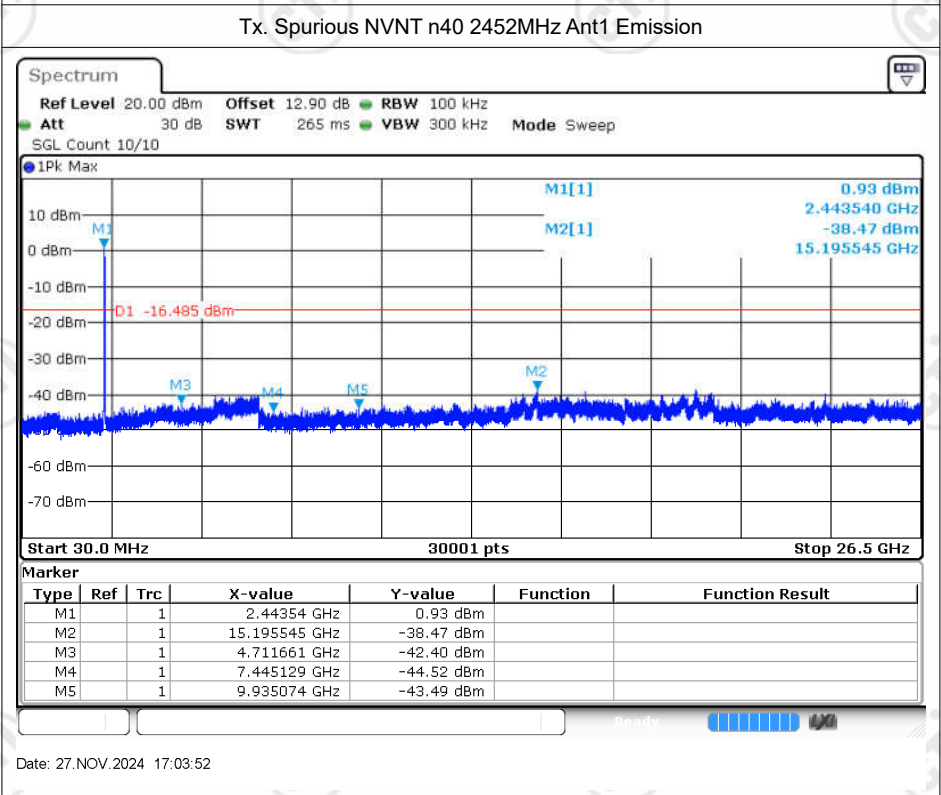
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Date: 27.NOV.2024 17:03:41



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END OF REPORT