

Appendix: 2.4G Wi-Fi

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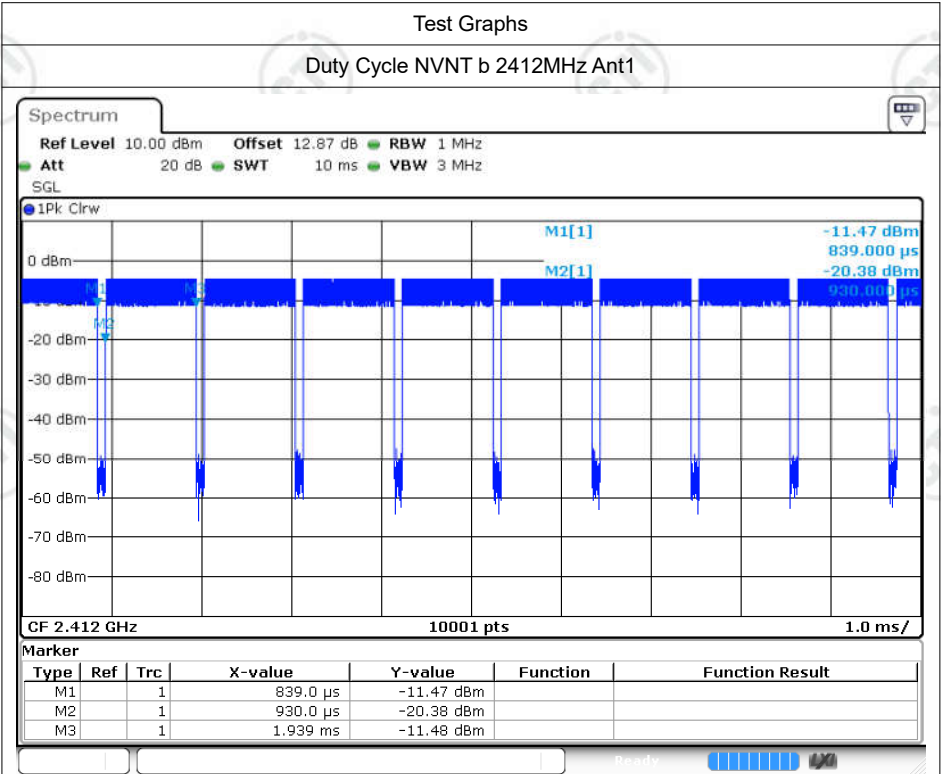
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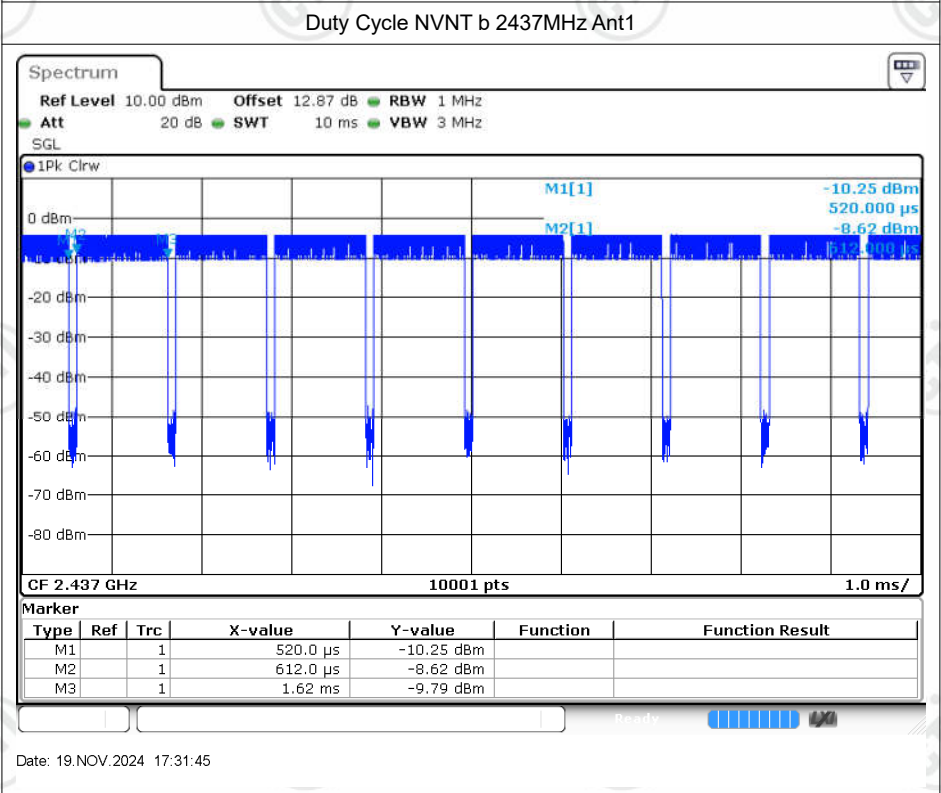
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle Factor(dB)
NVNT	b	2412	Ant1	91.73	0.37
NVNT	b	2437	Ant1	91.64	0.38
NVNT	b	2462	Ant1	91.73	0.37
NVNT	g	2412	Ant1	92.08	0.36
NVNT	g	2437	Ant1	92.08	0.36
NVNT	g	2462	Ant1	92.23	0.35
NVNT	n20	2412	Ant1	92.04	0.36
NVNT	n20	2437	Ant1	92.03	0.36
NVNT	n20	2462	Ant1	92.18	0.35
NVNT	n40	2422	Ant1	92.18	0.35
NVNT	n40	2437	Ant1	92.03	0.36
NVNT	n40	2452	Ant1	92.04	0.36

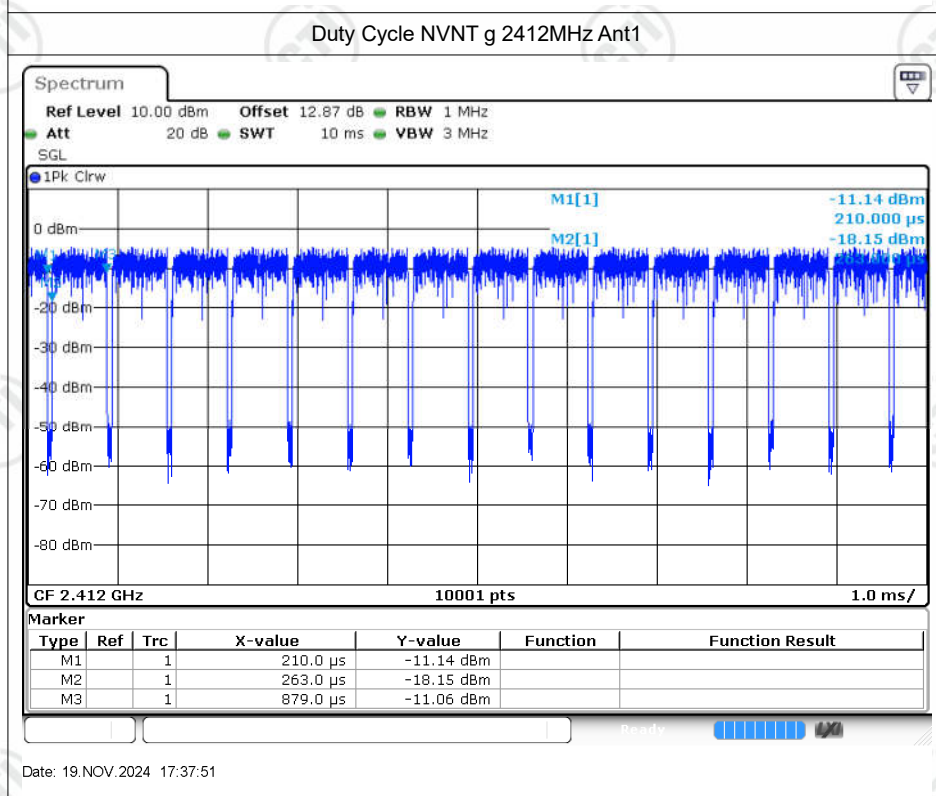
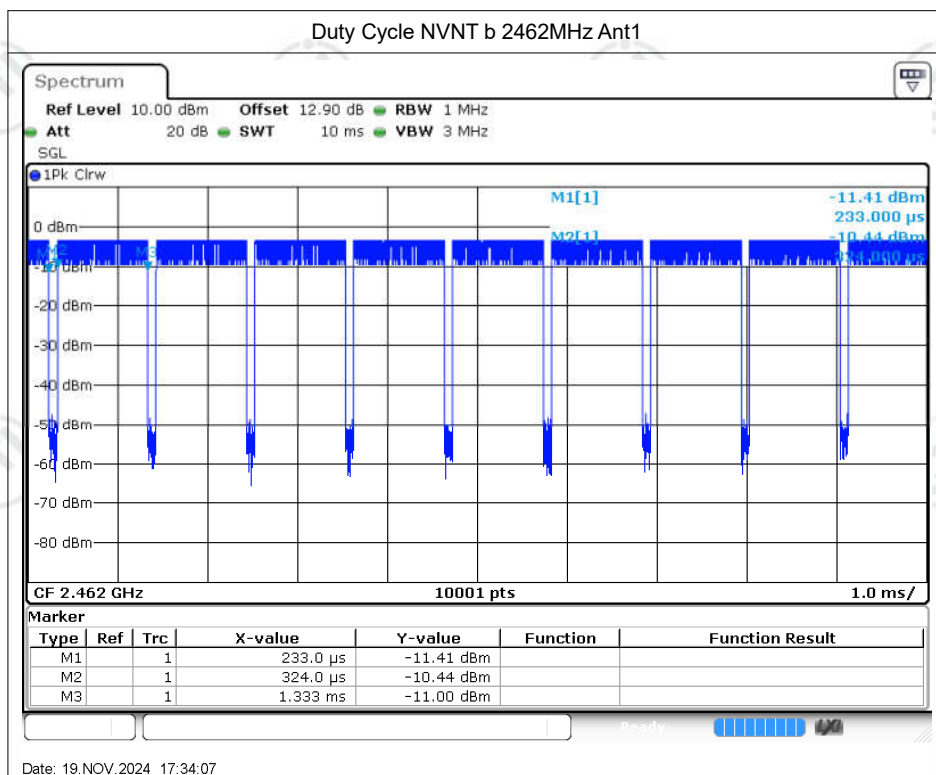
Note:Duty Cycle Factor(dB)=-10*Ig(Duty Cycle);

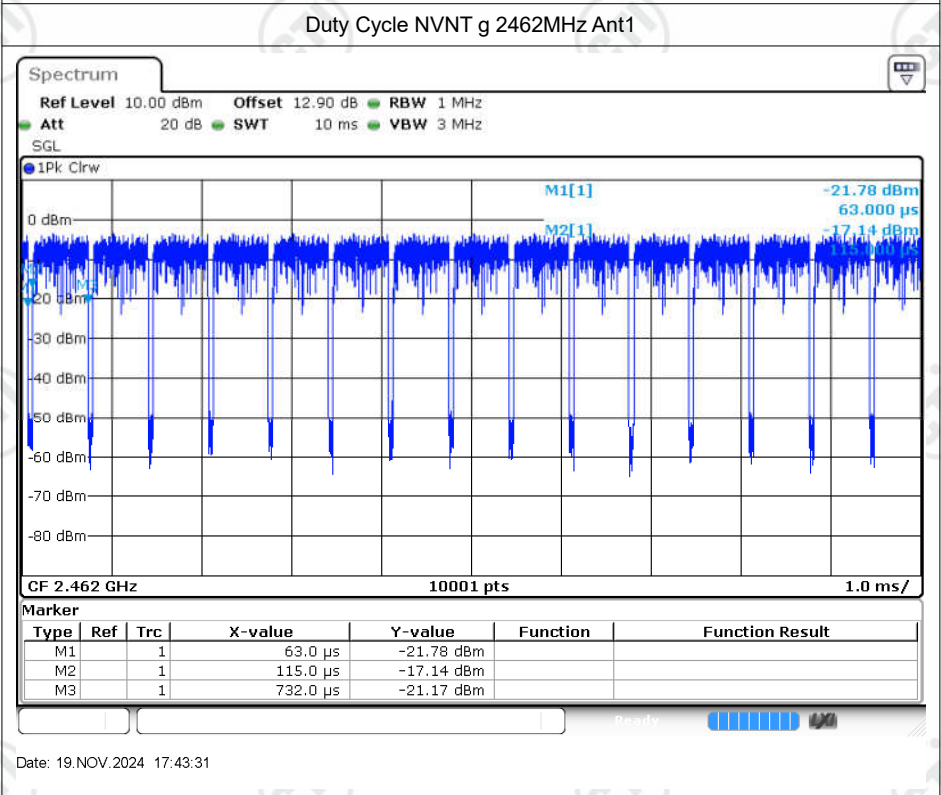
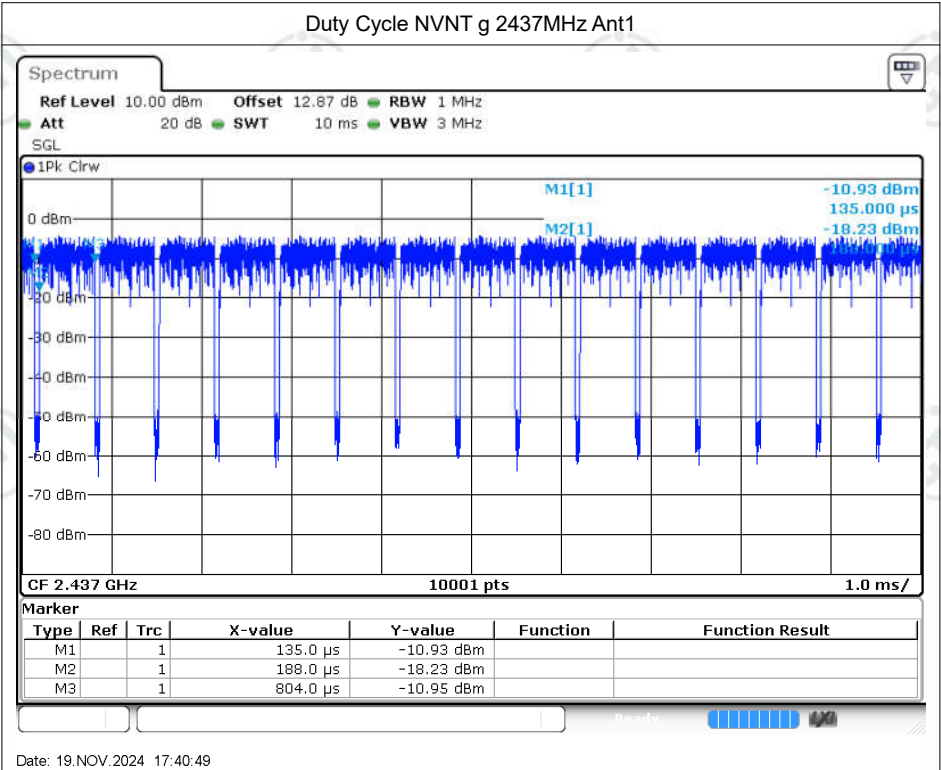


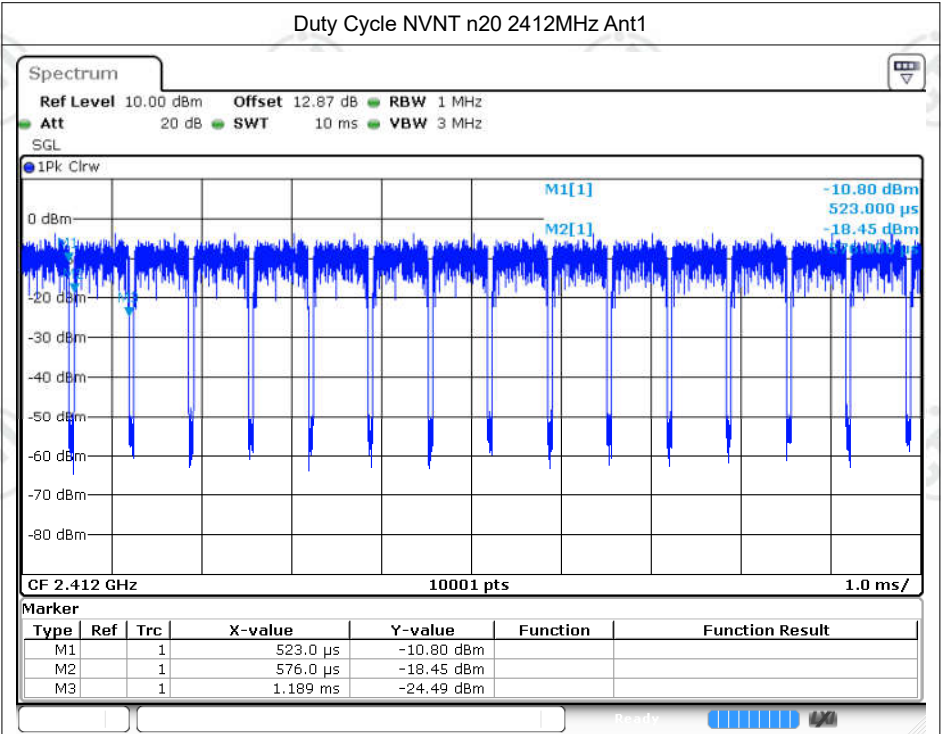
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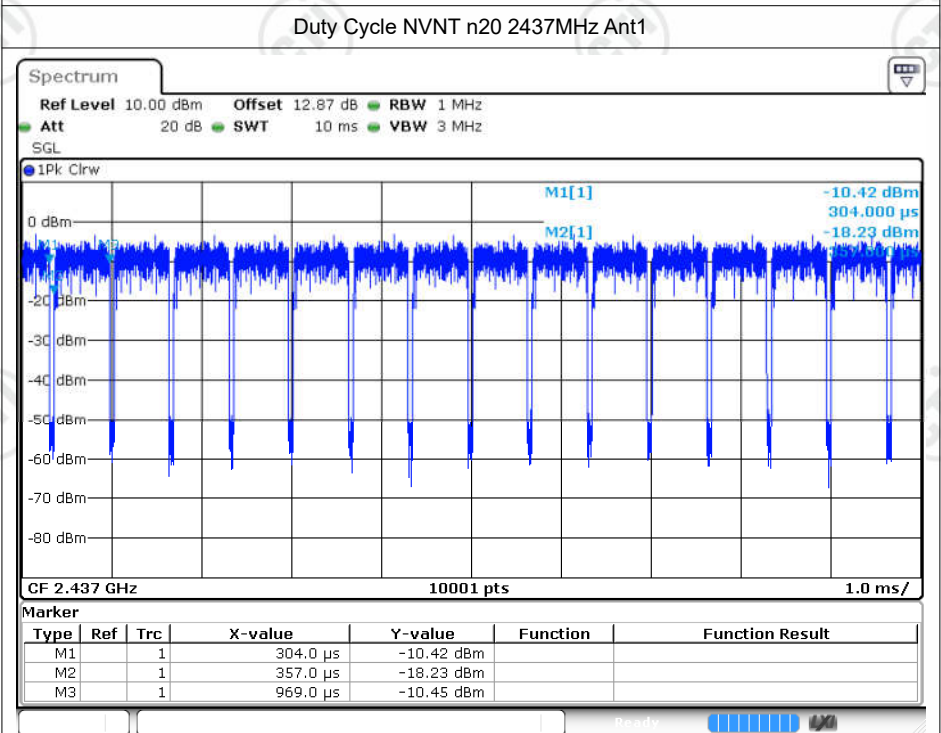
Date: 19.NOV.2024 17:31:45



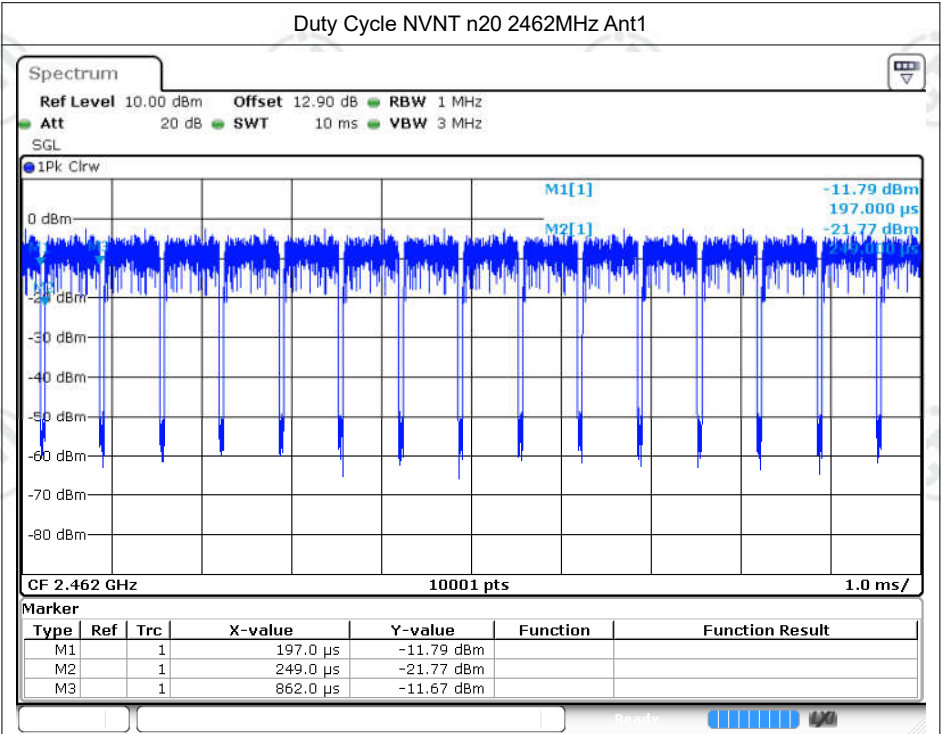




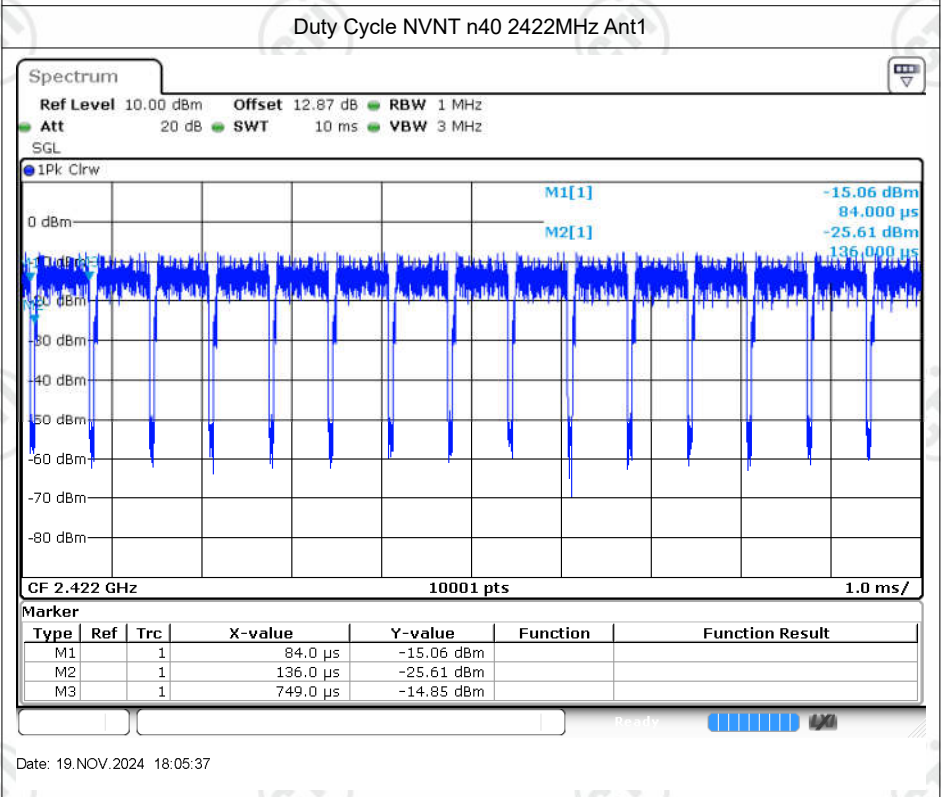
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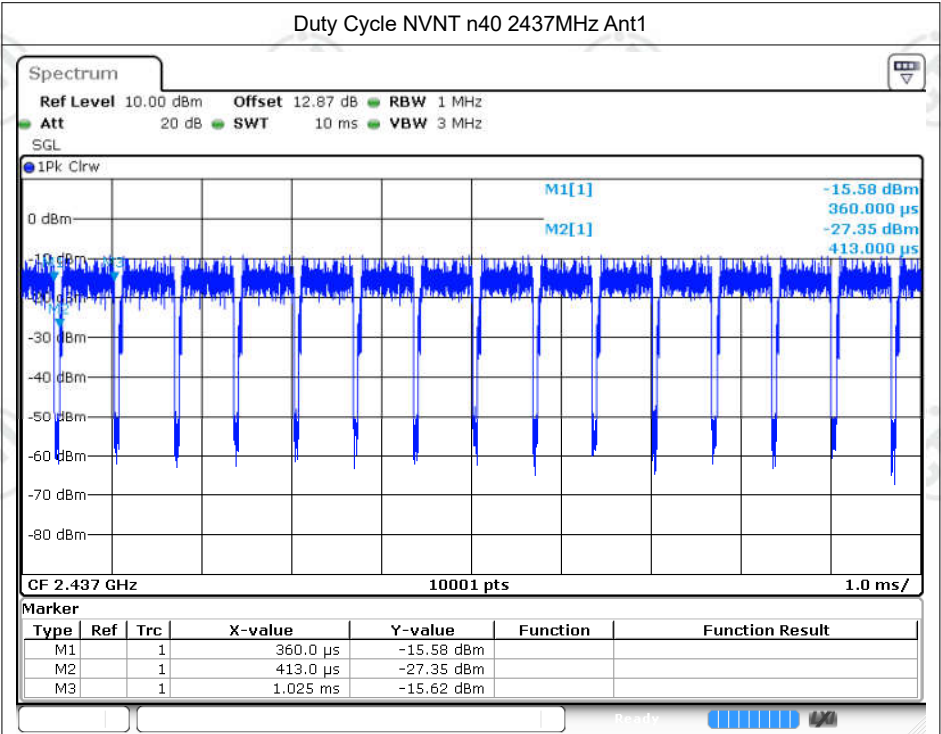
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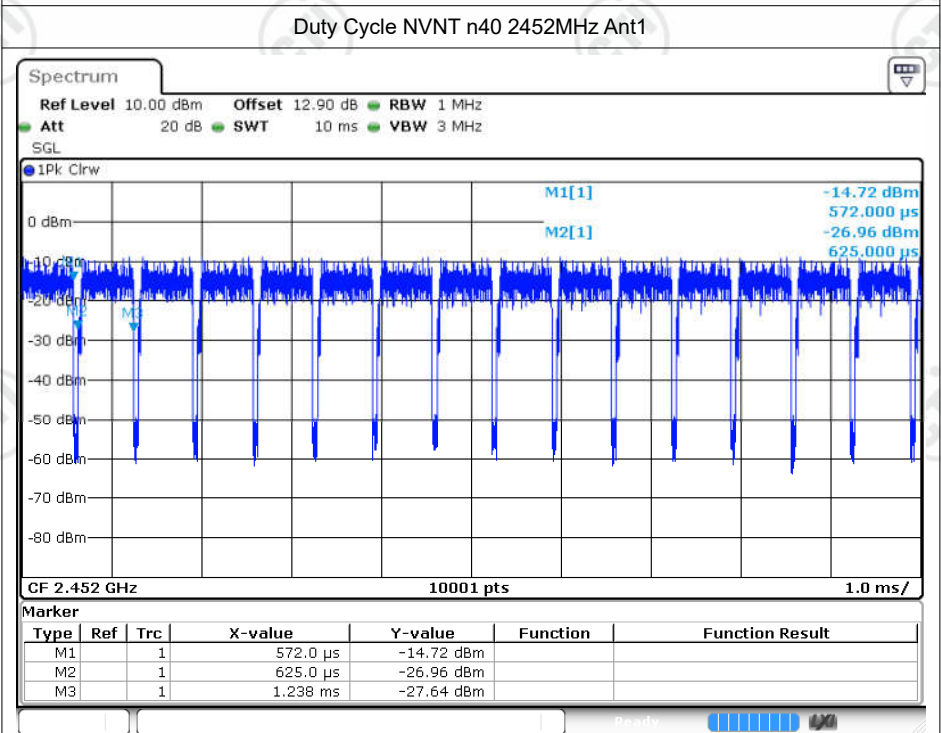
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Date: 19.NOV.2024 18:05:37



Date: 19.NOV.2024 18:10:28



Date: 19.NOV.2024 18:14:31

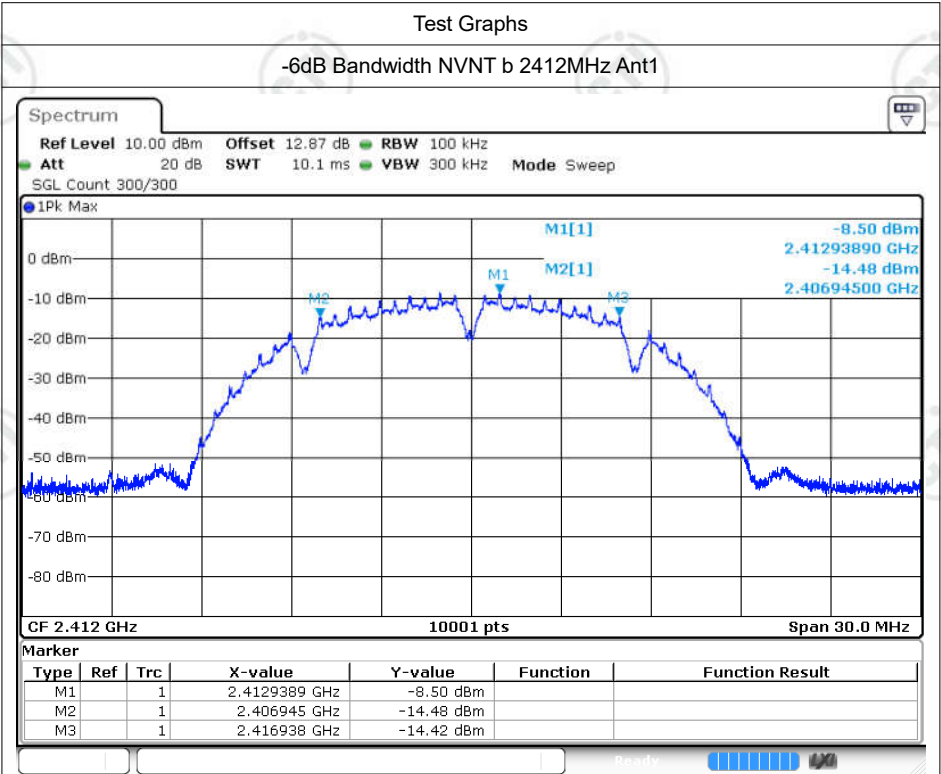
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	1.21	30	Pass
NVNT	b	2437	Ant1	1.76	30	Pass
NVNT	b	2462	Ant1	2.40	30	Pass
NVNT	g	2412	Ant1	1.31	30	Pass
NVNT	g	2437	Ant1	1.58	30	Pass
NVNT	g	2462	Ant1	2.20	30	Pass
NVNT	n20	2412	Ant1	1.11	30	Pass
NVNT	n20	2437	Ant1	1.48	30	Pass
NVNT	n20	2462	Ant1	2.07	30	Pass
NVNT	n40	2422	Ant1	1.36	30	Pass
NVNT	n40	2437	Ant1	1.52	30	Pass
NVNT	n40	2452	Ant1	1.65	30	Pass

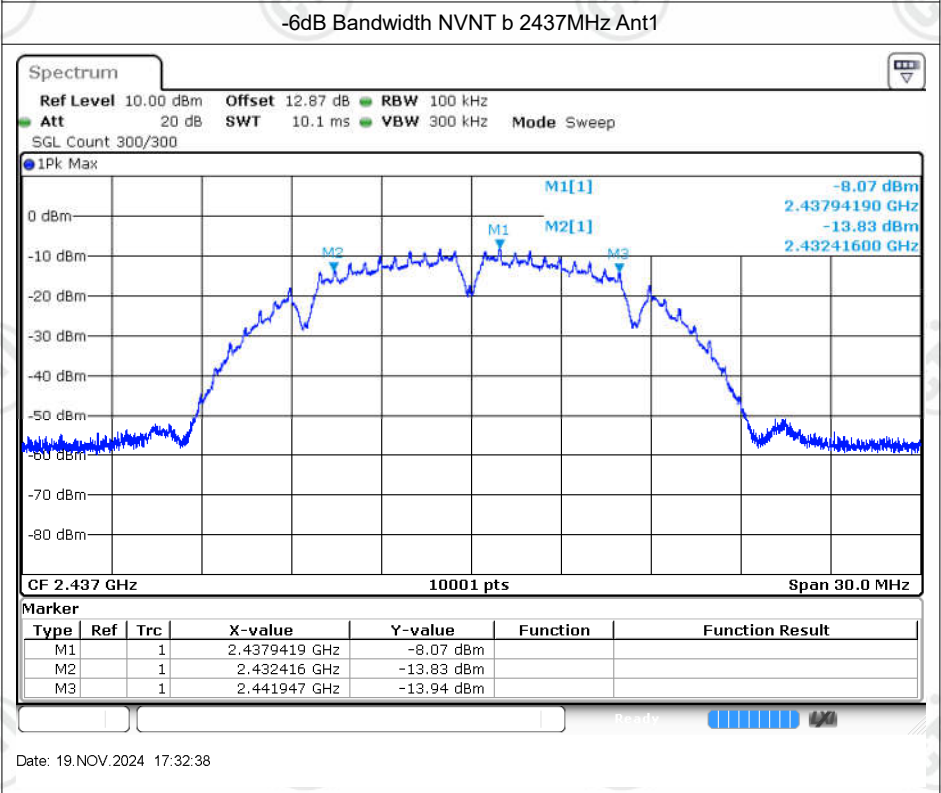
Note: The test data refer to Duty Cycle Factor(dB);

-6dB Bandwidth

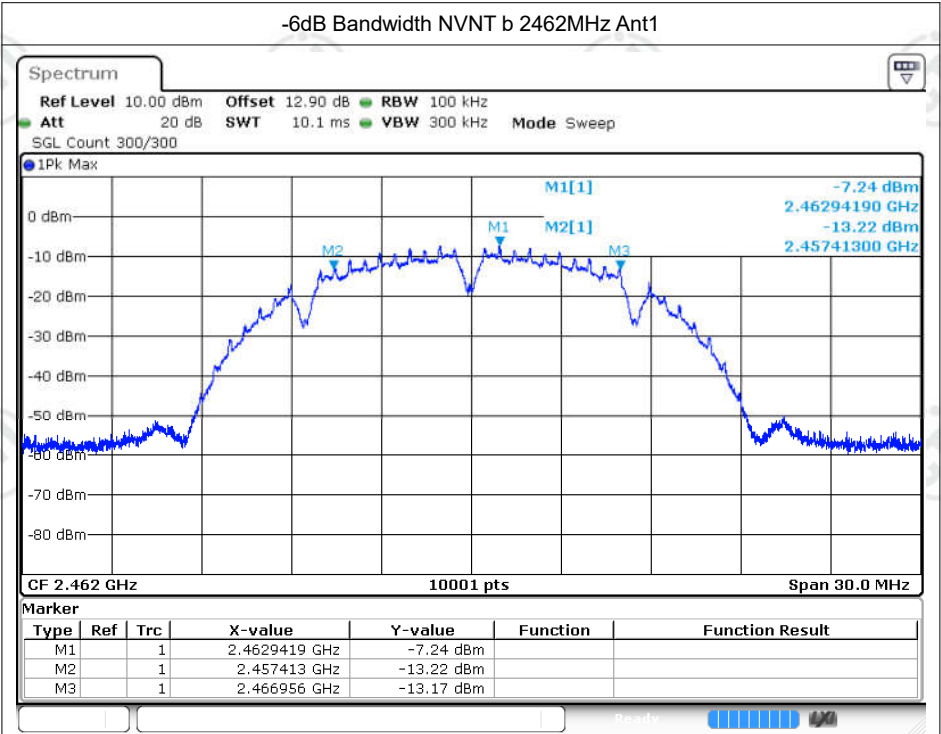
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.993	0.5	Pass
NVNT	b	2437	Ant1	9.531	0.5	Pass
NVNT	b	2462	Ant1	9.543	0.5	Pass
NVNT	g	2412	Ant1	16.329	0.5	Pass
NVNT	g	2437	Ant1	16.326	0.5	Pass
NVNT	g	2462	Ant1	16.323	0.5	Pass
NVNT	n20	2412	Ant1	17.538	0.5	Pass
NVNT	n20	2437	Ant1	17.538	0.5	Pass
NVNT	n20	2462	Ant1	17.034	0.5	Pass
NVNT	n40	2422	Ant1	35.124	0.5	Pass
NVNT	n40	2437	Ant1	35.1	0.5	Pass
NVNT	n40	2452	Ant1	35.076	0.5	Pass



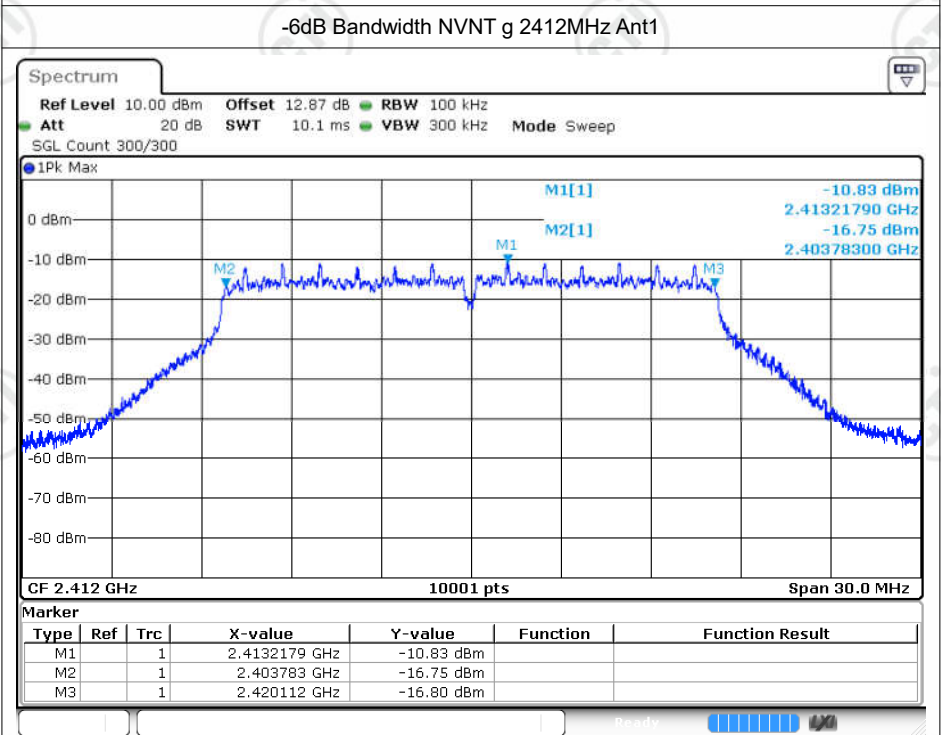
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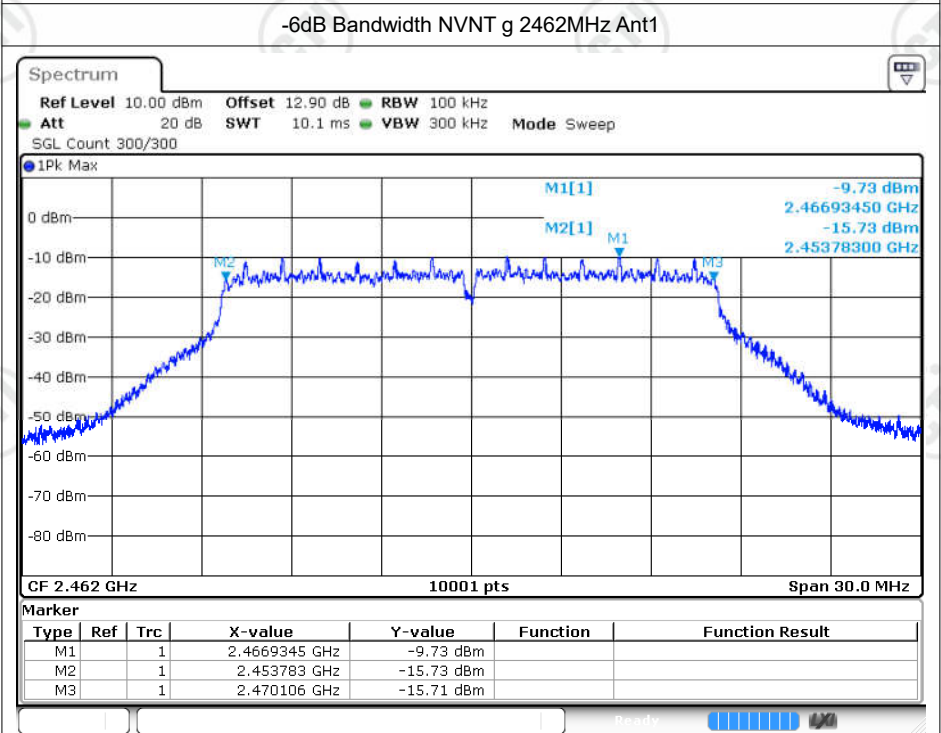
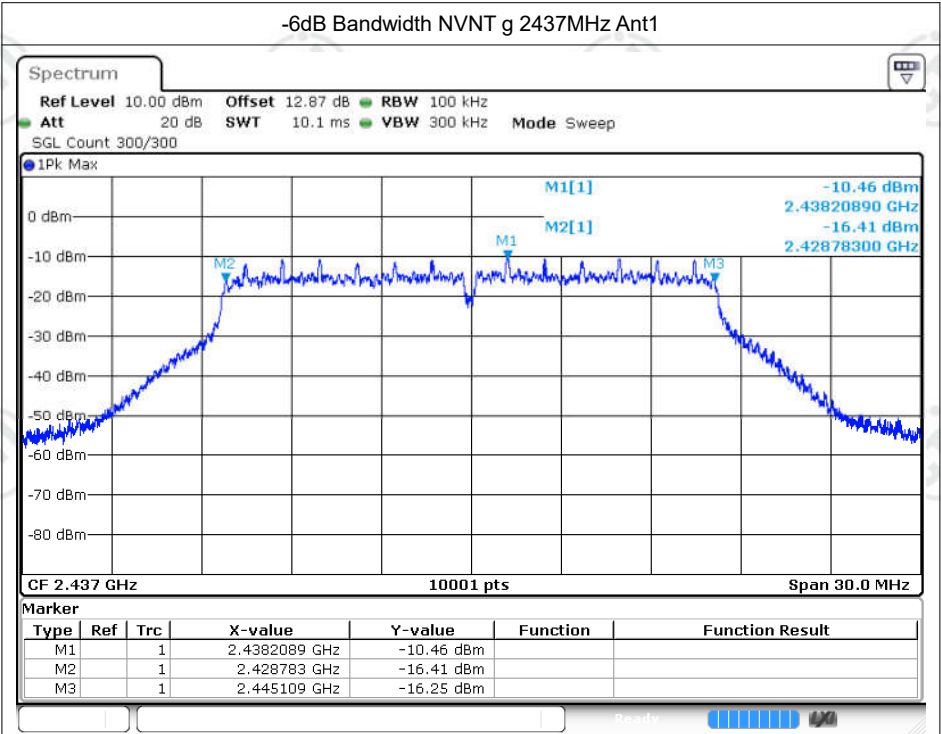
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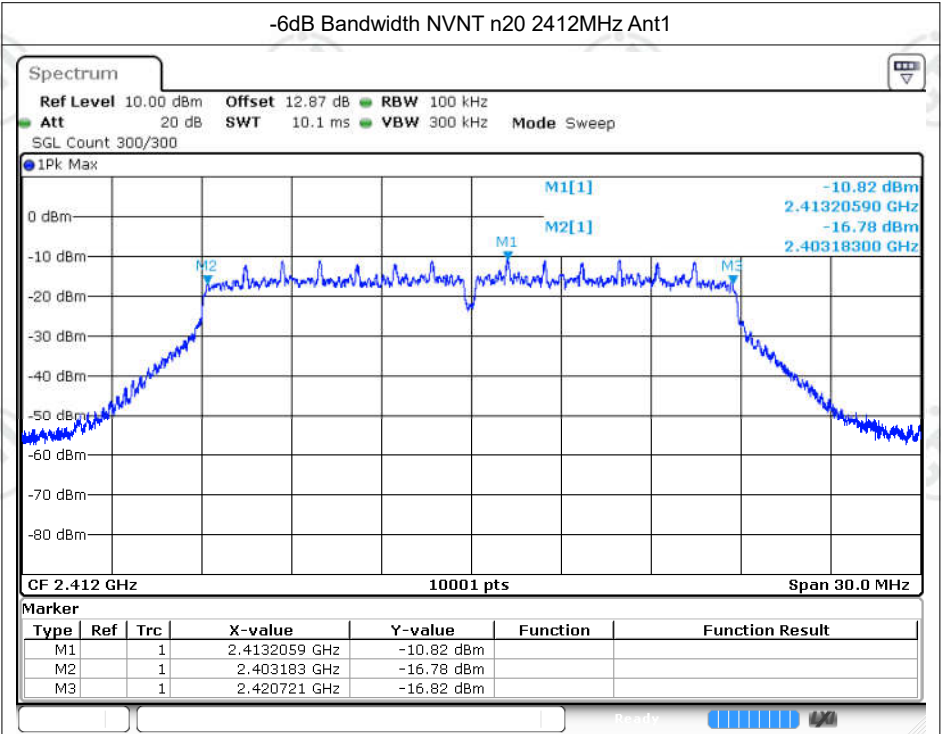


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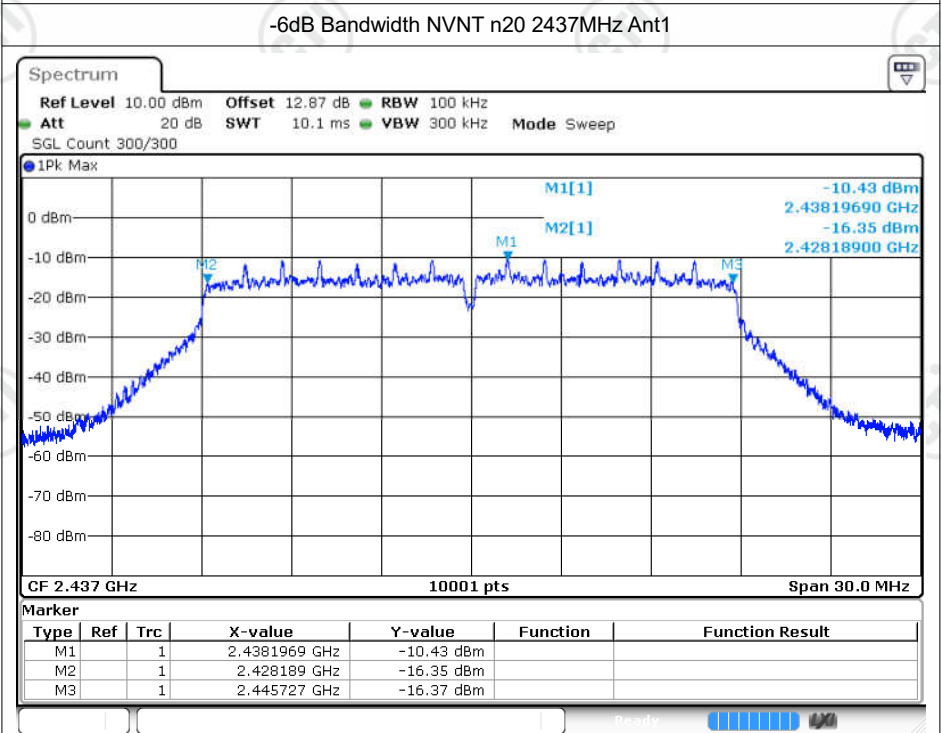


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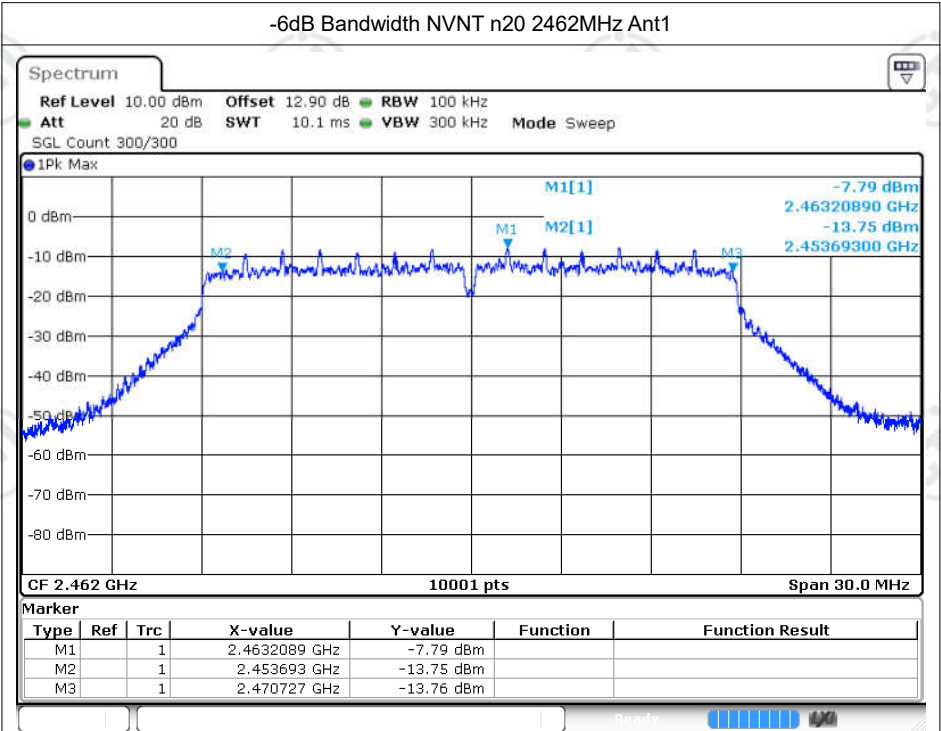




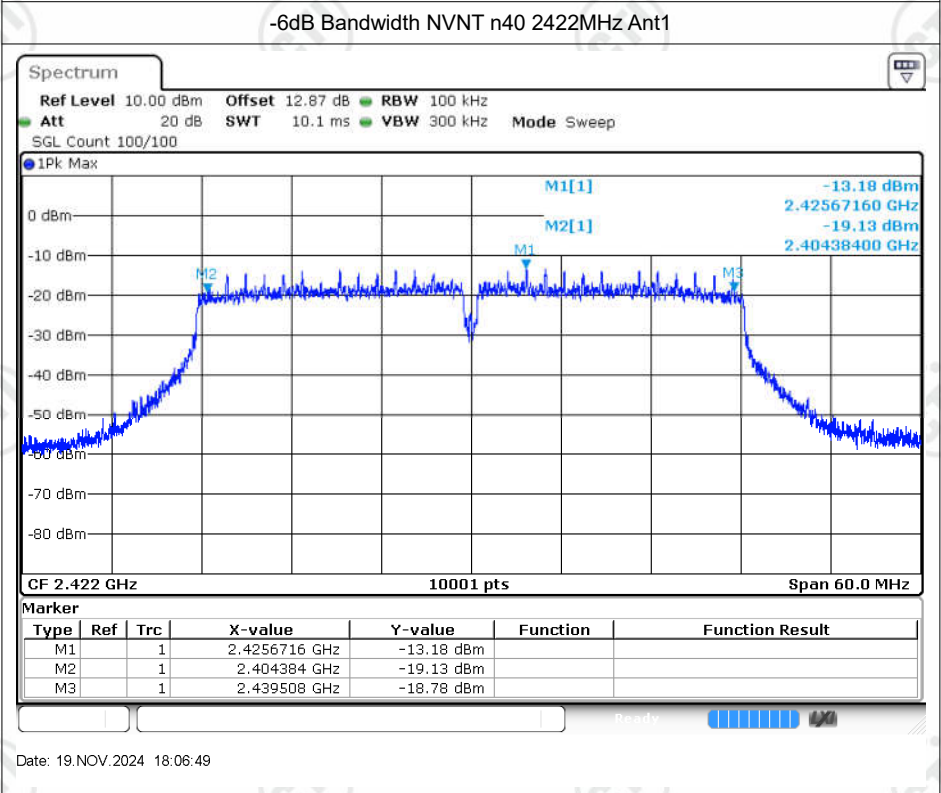
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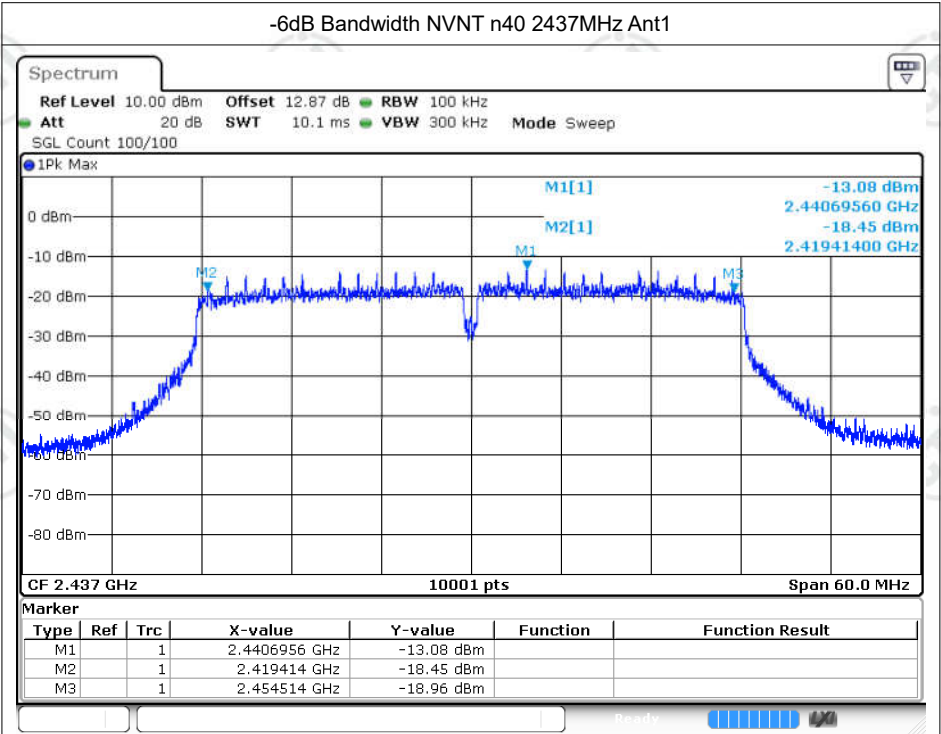
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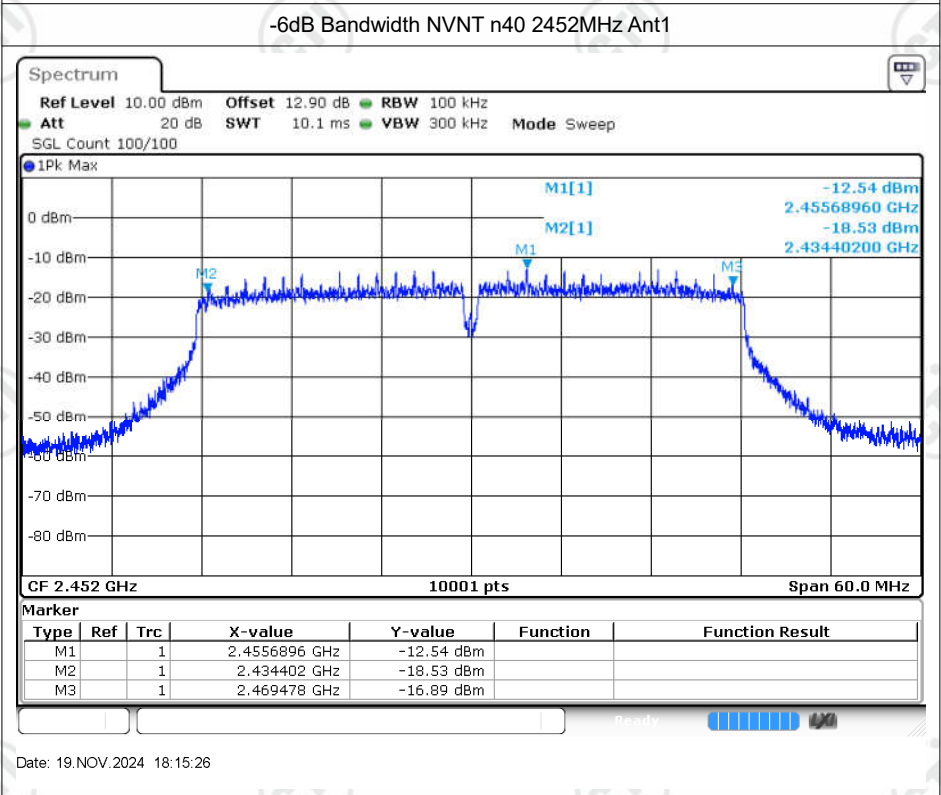
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Date: 19.NOV.2024 18:06:49



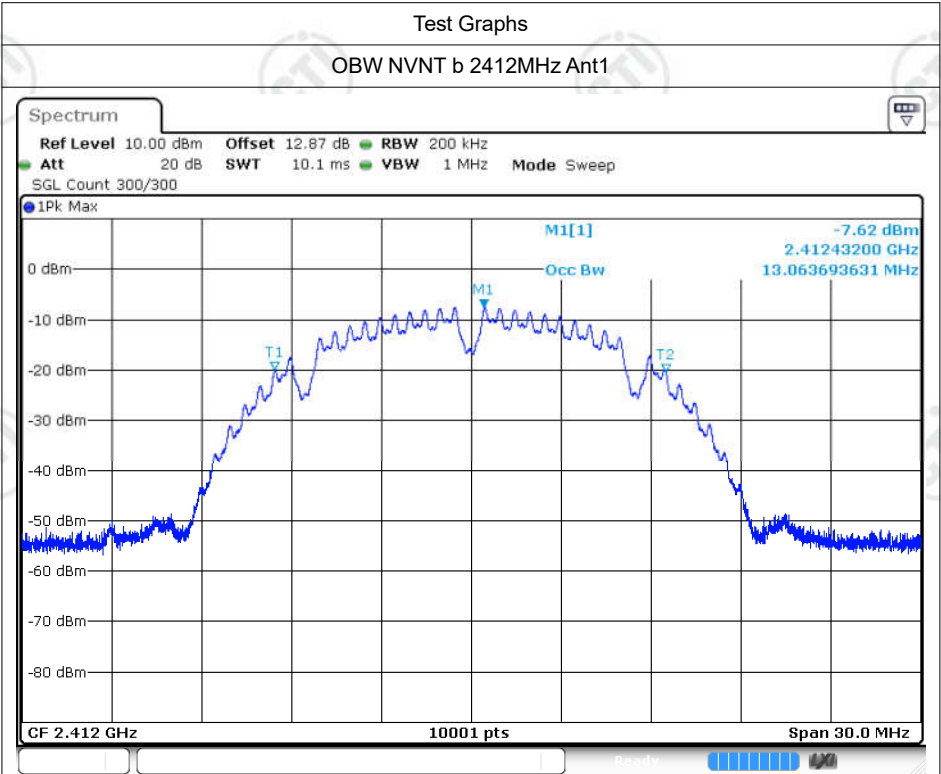
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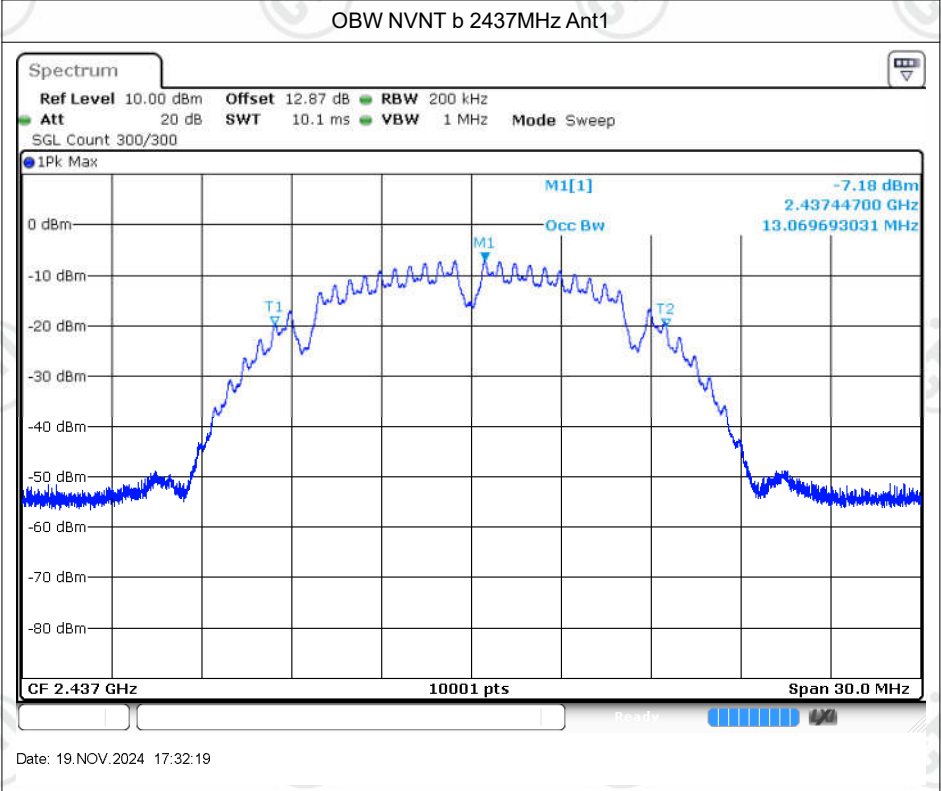
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Occupied Channel Bandwidth

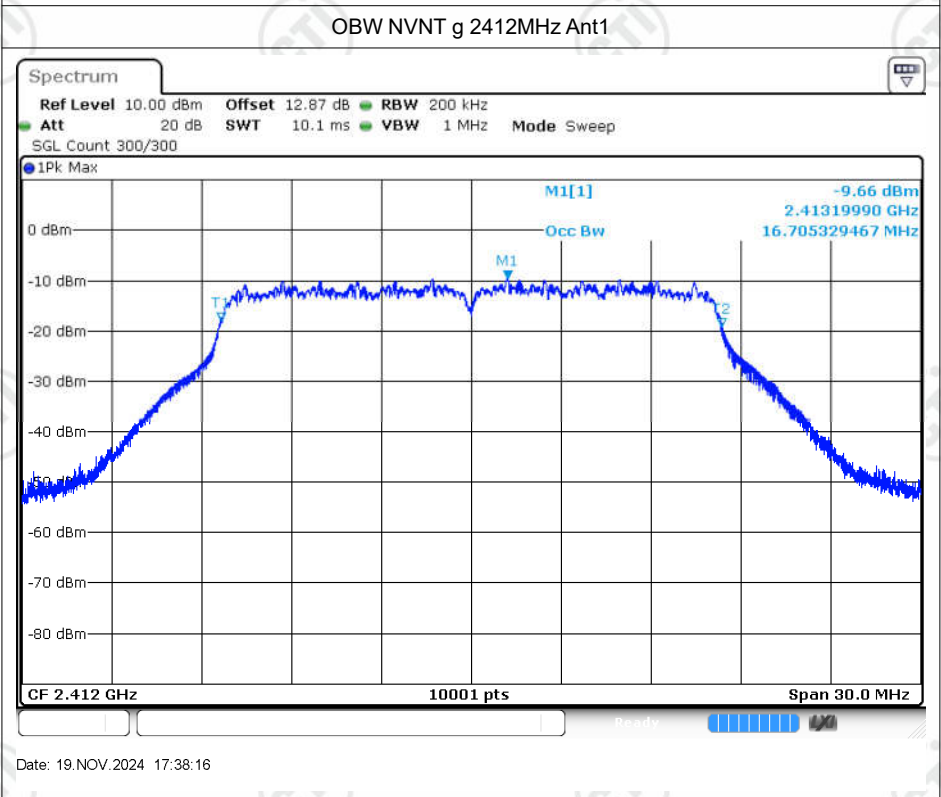
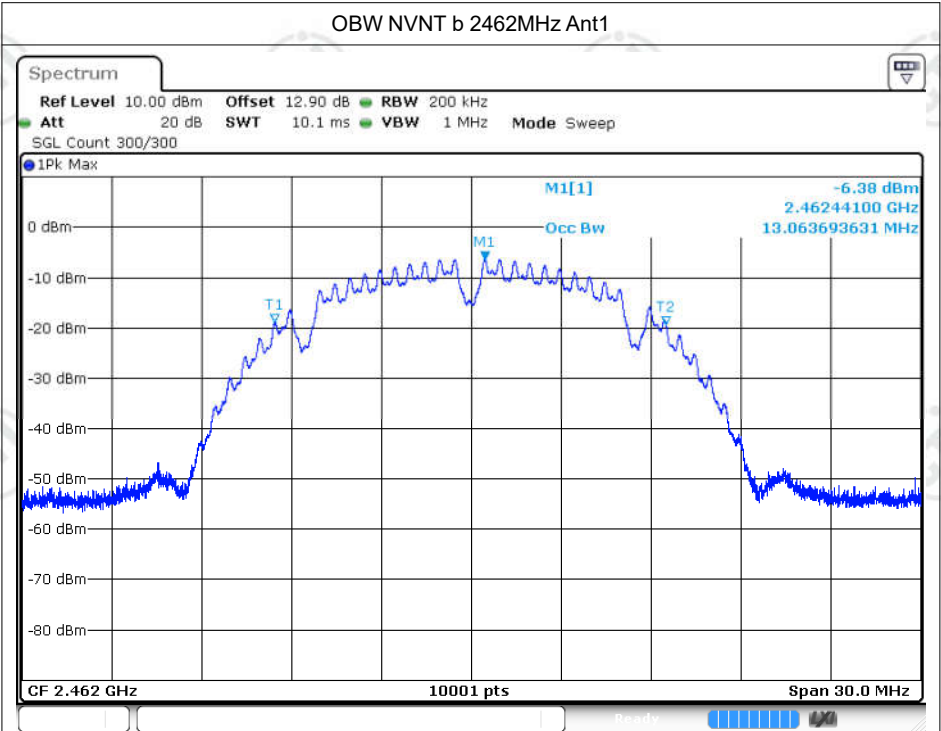
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.064
NVNT	b	2437	Ant1	13.07
NVNT	b	2462	Ant1	13.064
NVNT	g	2412	Ant1	16.705
NVNT	g	2437	Ant1	16.72
NVNT	g	2462	Ant1	16.72
NVNT	n20	2412	Ant1	17.818
NVNT	n20	2437	Ant1	17.824
NVNT	n20	2462	Ant1	17.818
NVNT	n40	2422	Ant1	36.326
NVNT	n40	2437	Ant1	36.338
NVNT	n40	2452	Ant1	36.338

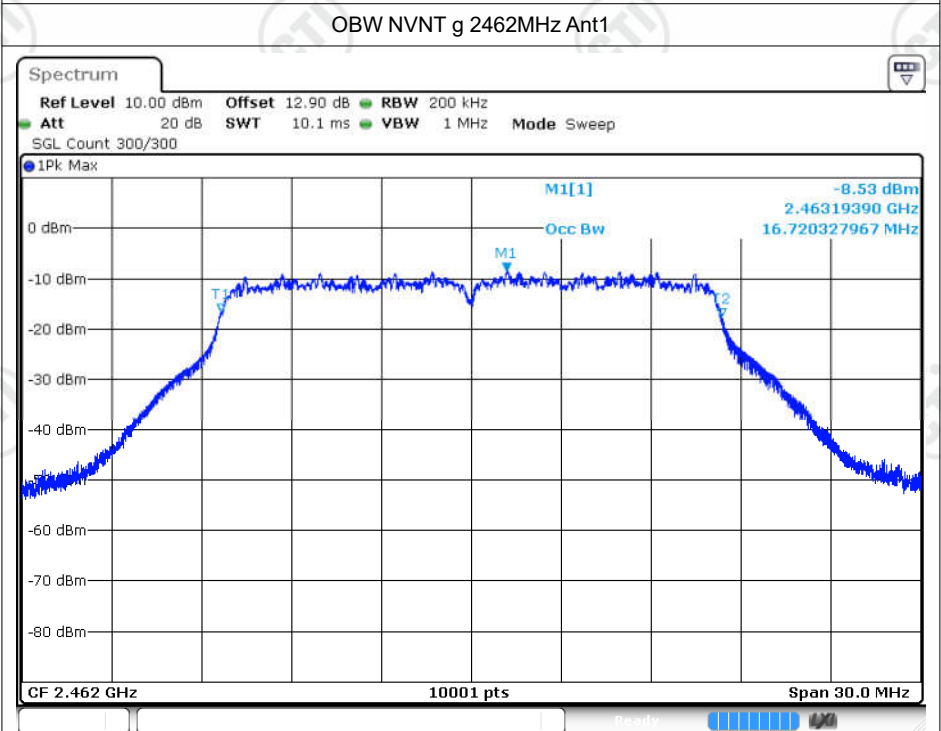
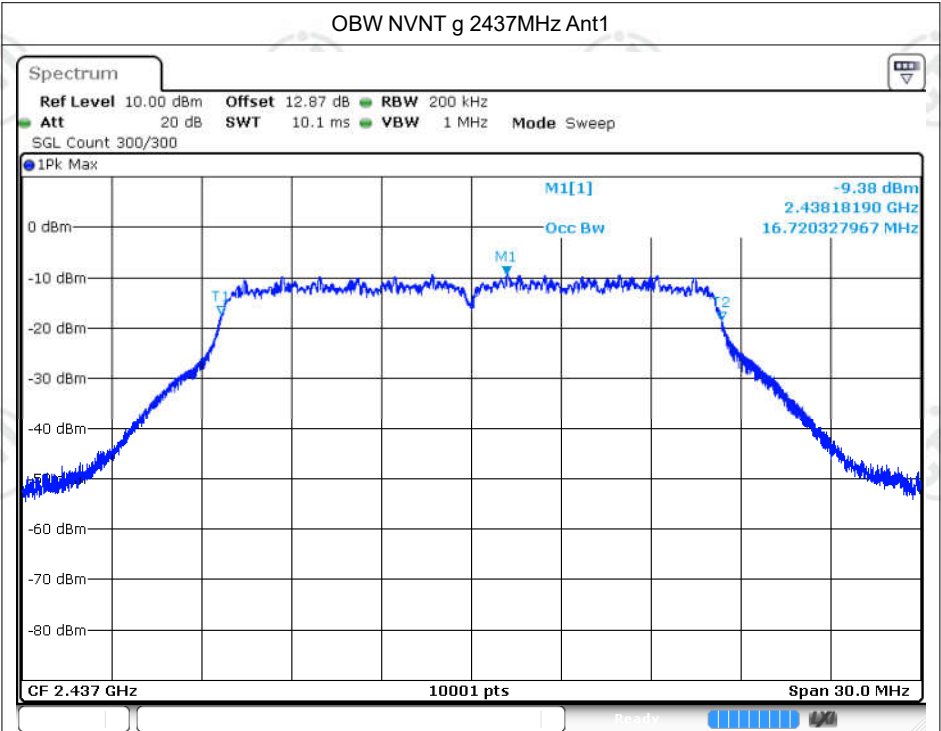


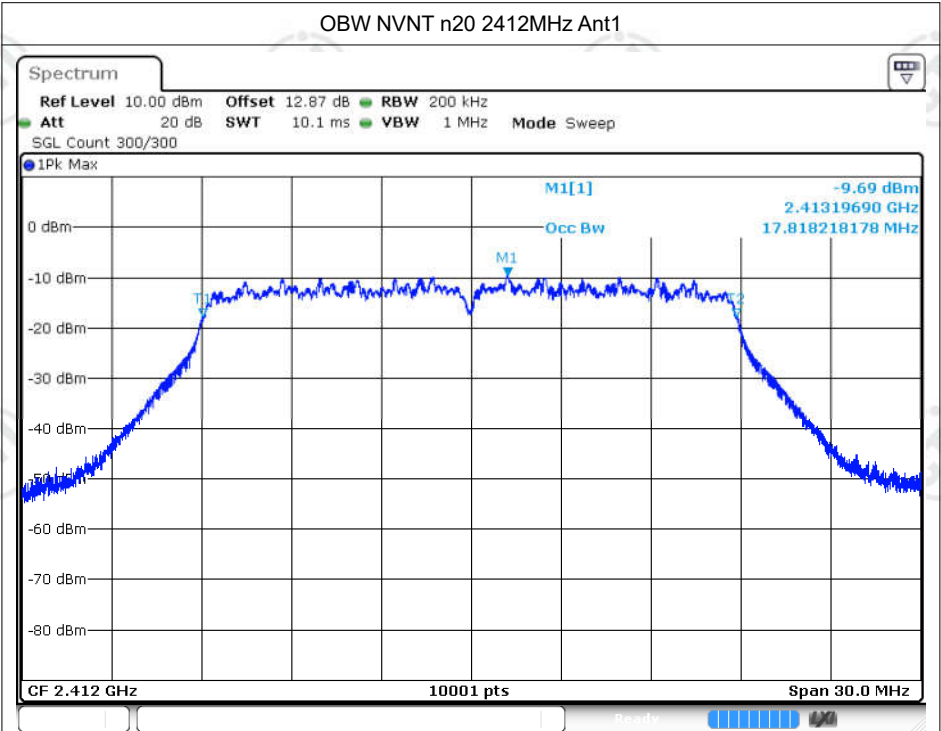
Date: 19.NOV.2024 17:30:22



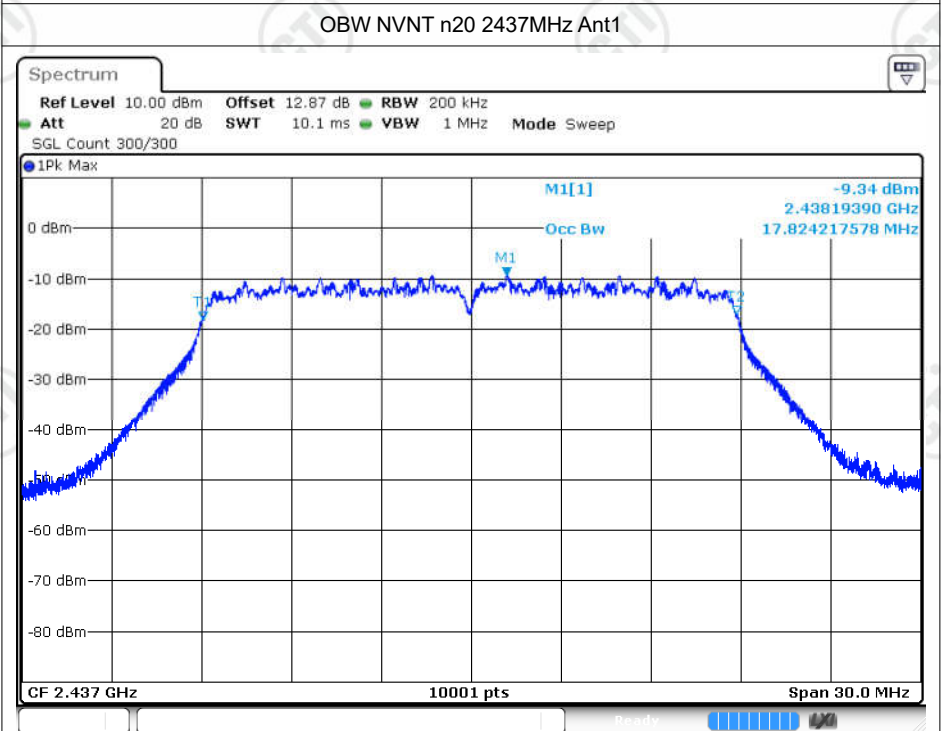
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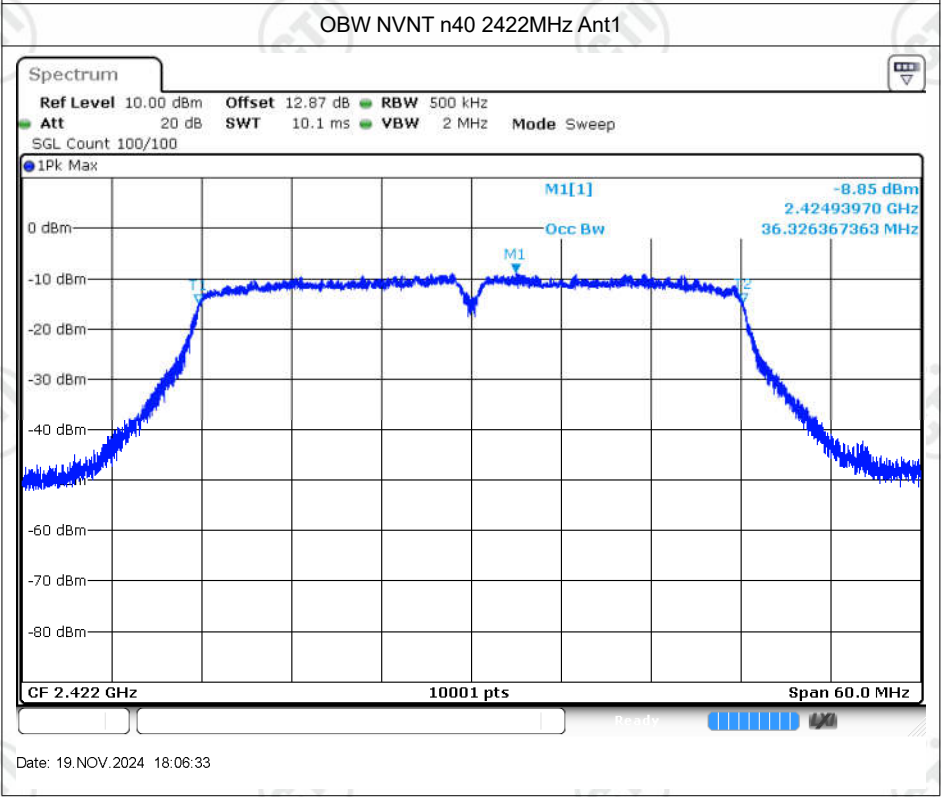
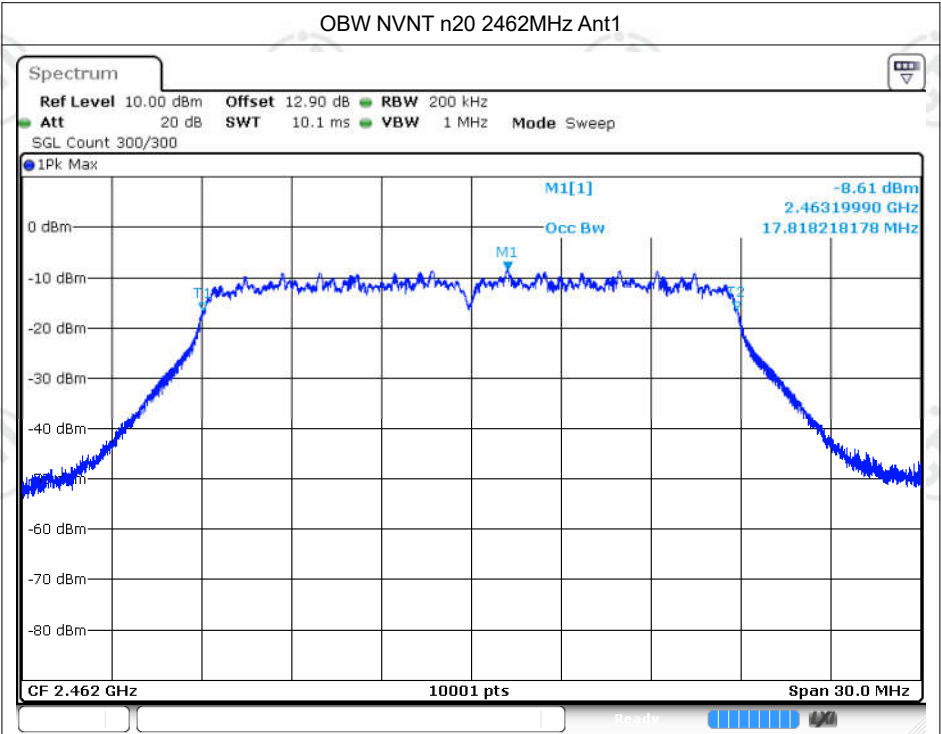


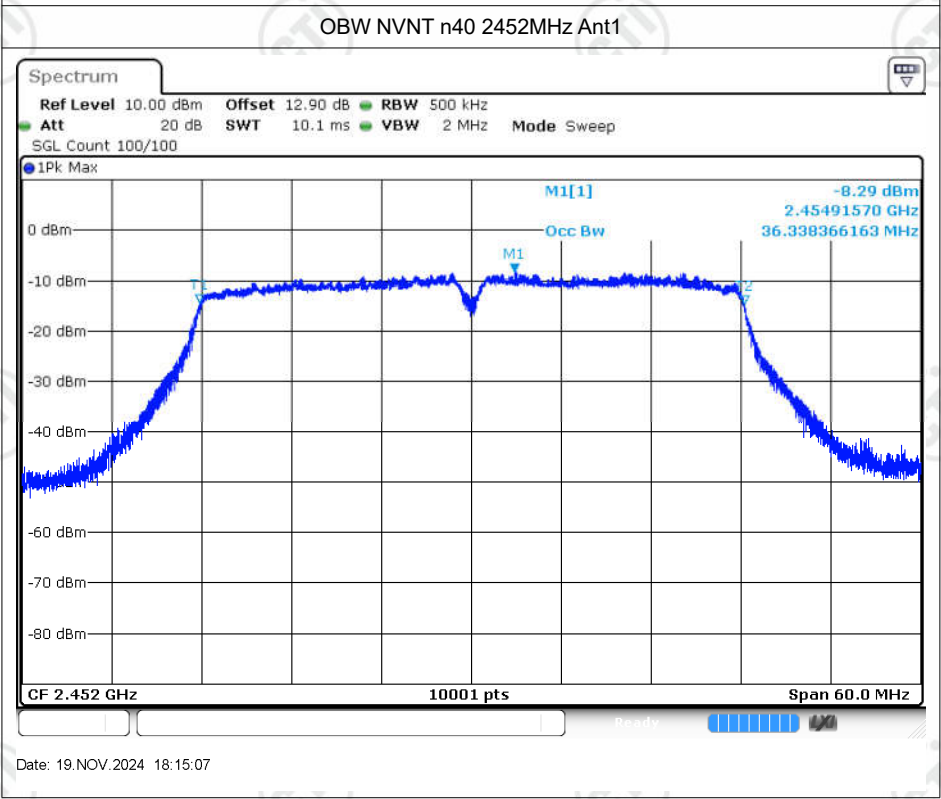
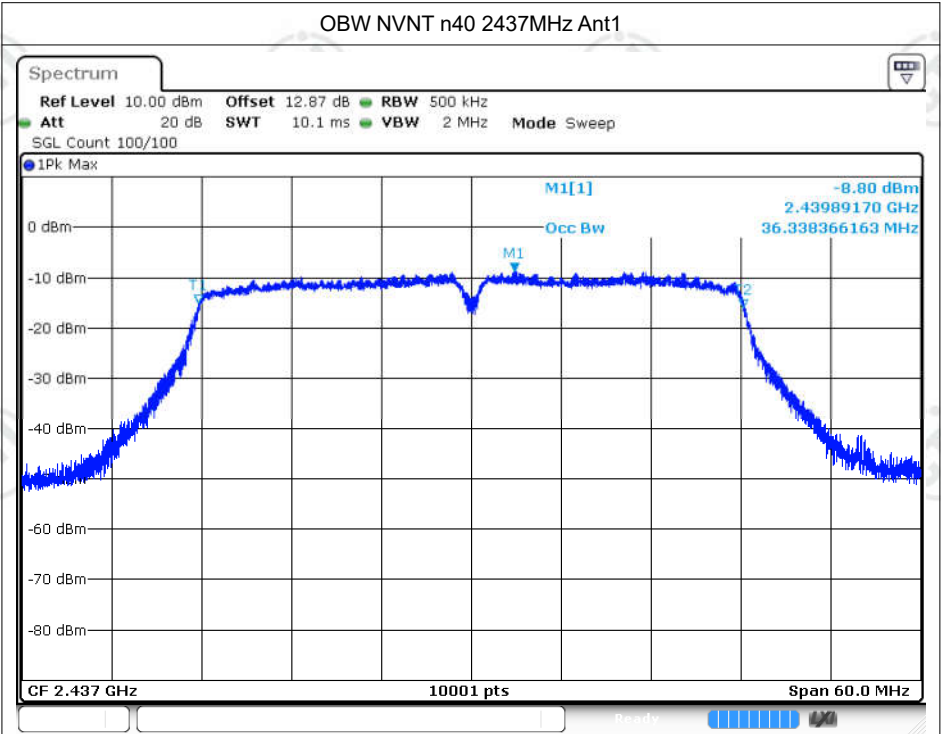


Date: 19.NOV.2024 17:48:52



Date: 19.NOV.2024 17:51:45

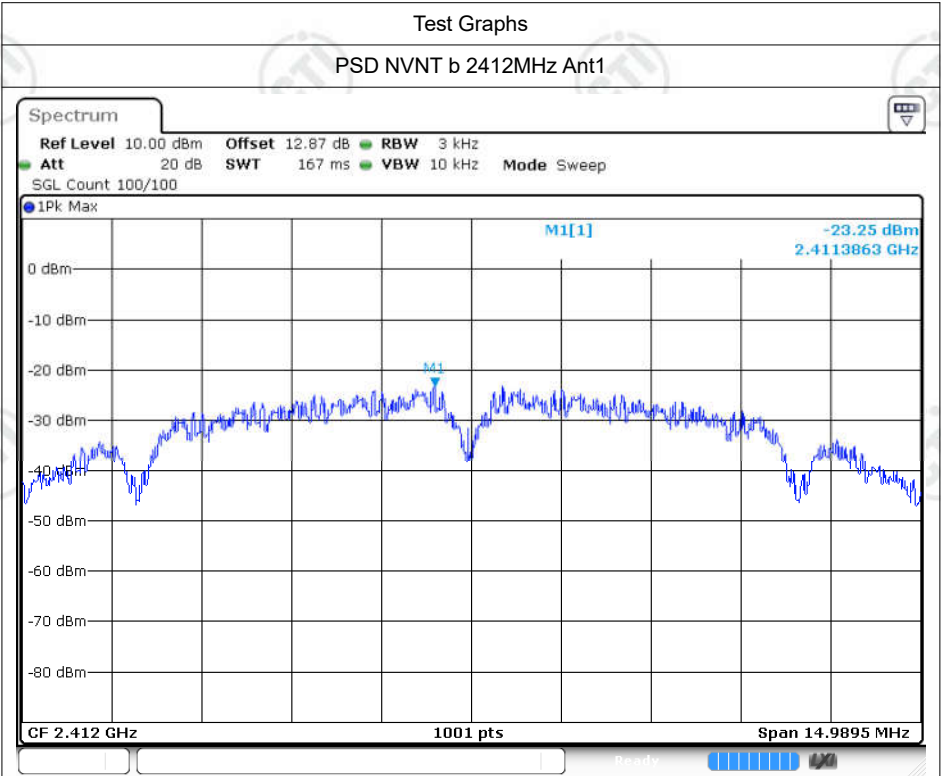




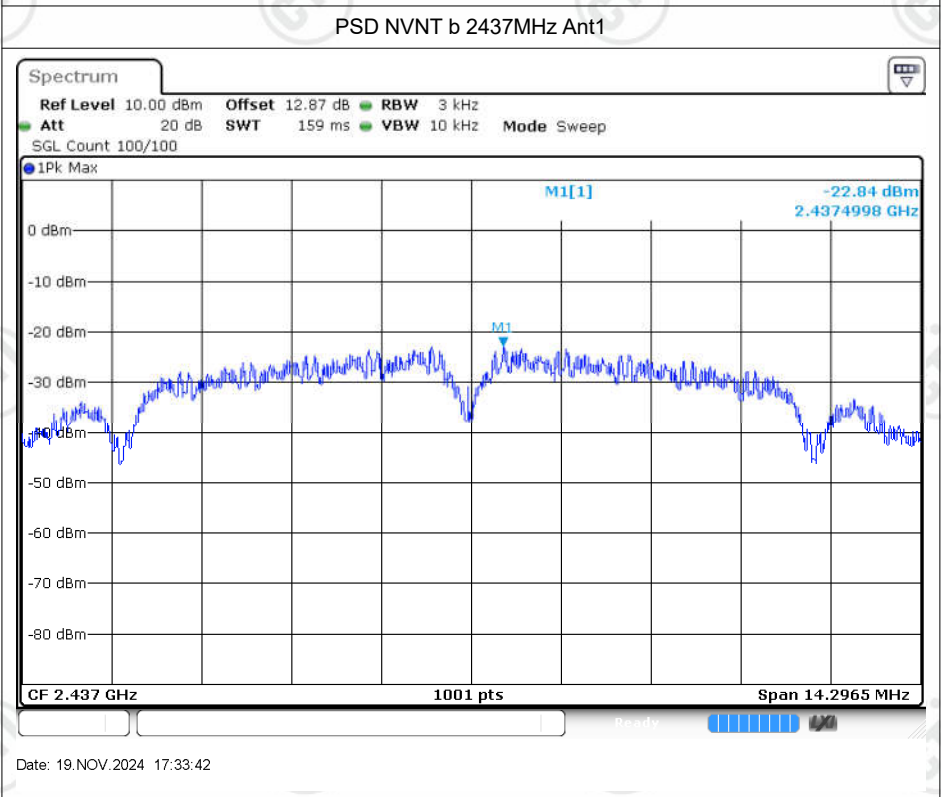
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-23.25	8	Pass
NVNT	b	2437	Ant1	-22.84	8	Pass
NVNT	b	2462	Ant1	-22.03	8	Pass
NVNT	g	2412	Ant1	-25.33	8	Pass
NVNT	g	2437	Ant1	-24.94	8	Pass
NVNT	g	2462	Ant1	-22.35	8	Pass
NVNT	n20	2412	Ant1	-25.16	8	Pass
NVNT	n20	2437	Ant1	-24.7	8	Pass
NVNT	n20	2462	Ant1	-22.05	8	Pass
NVNT	n40	2422	Ant1	-25.93	8	Pass
NVNT	n40	2437	Ant1	-25.99	8	Pass
NVNT	n40	2452	Ant1	-25.46	8	Pass

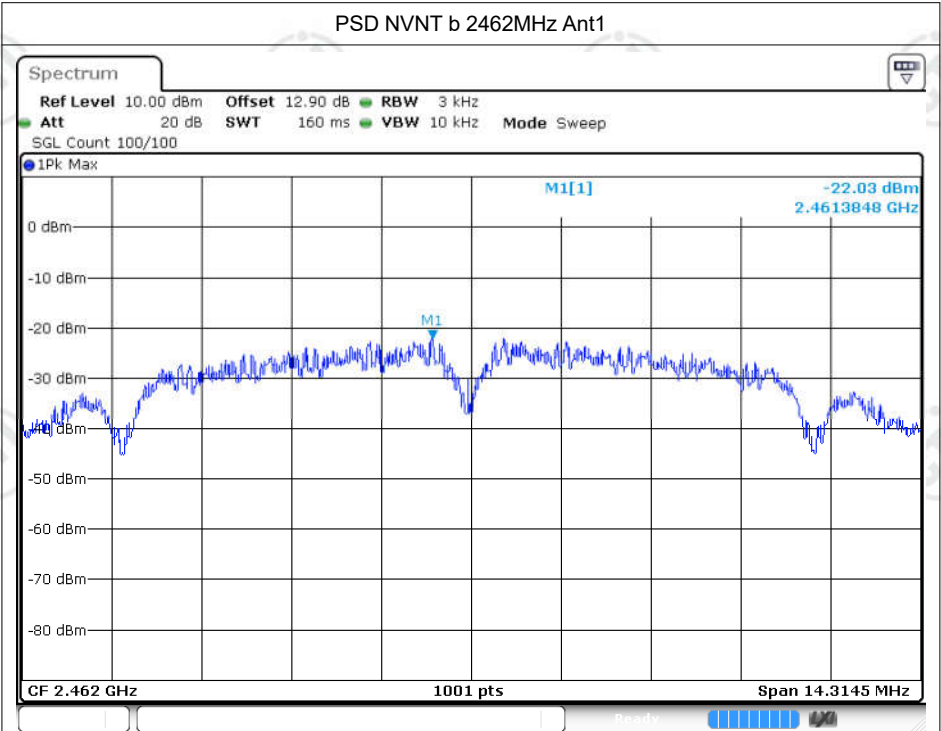
Note:The test data refer to Duty Cycle Factor(dB);



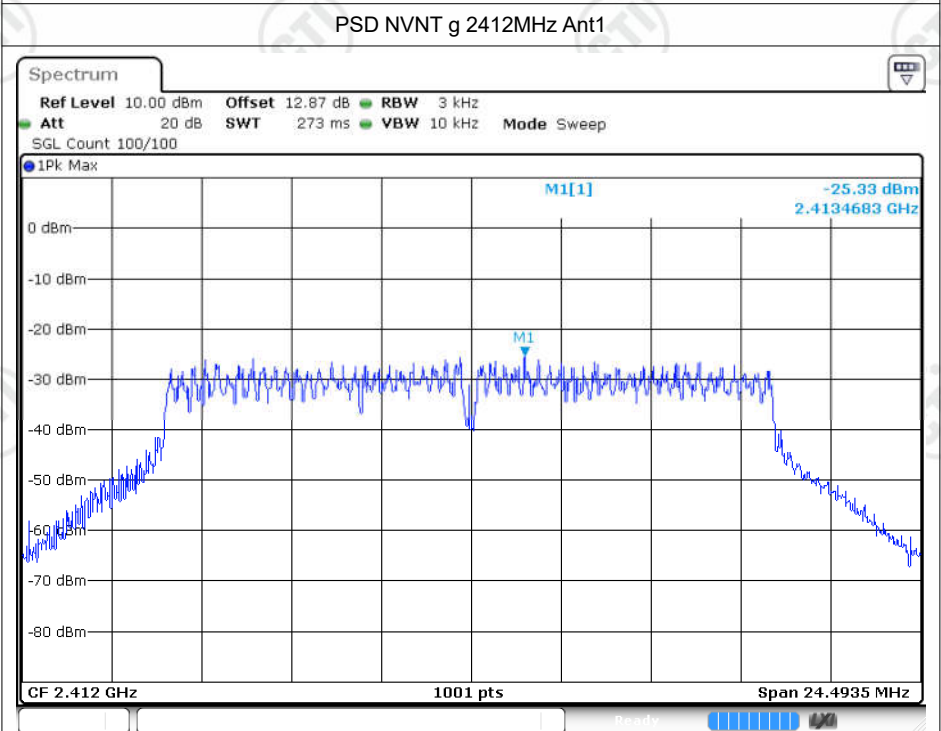
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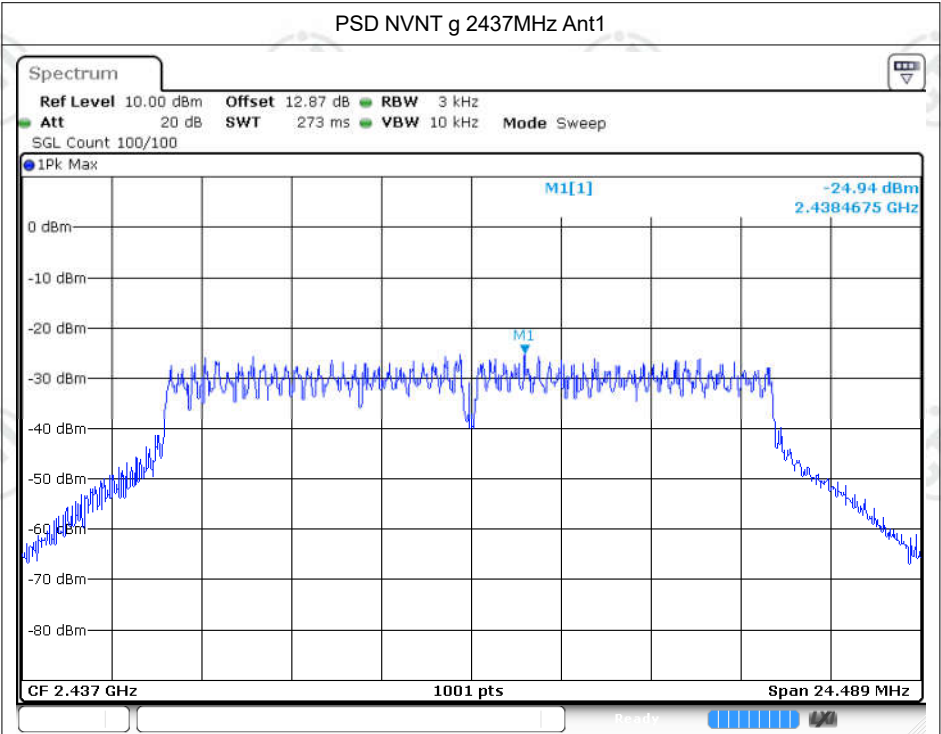
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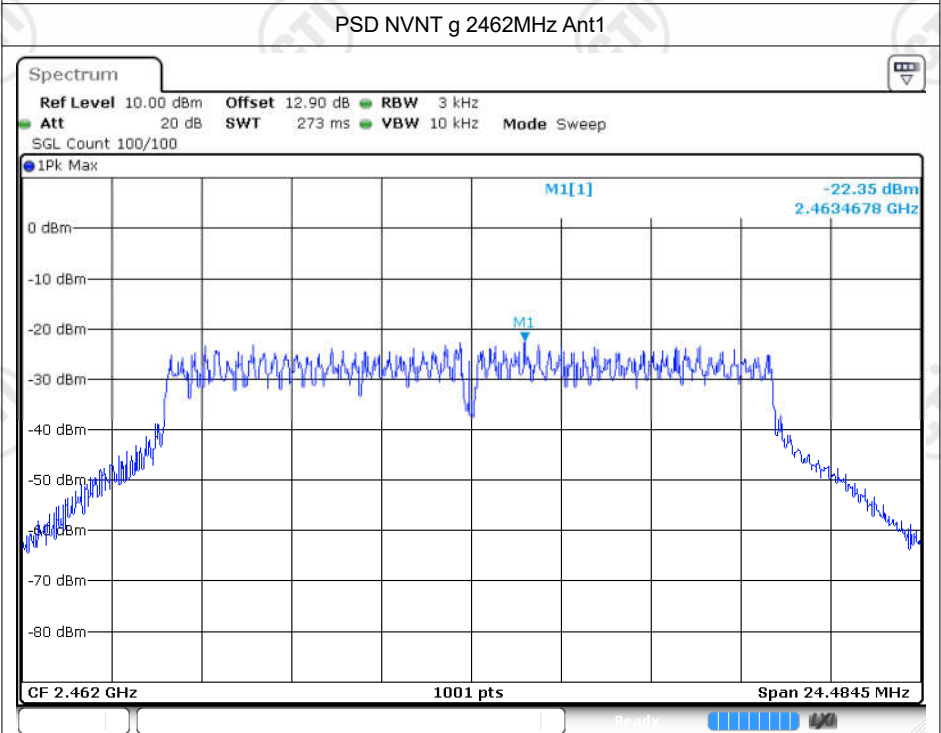
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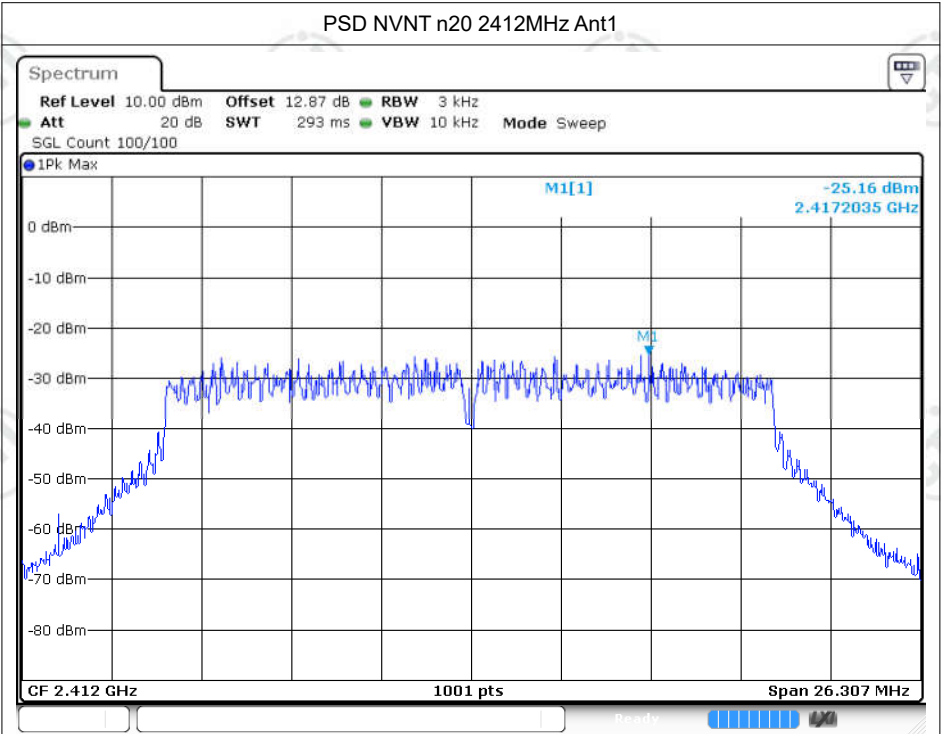
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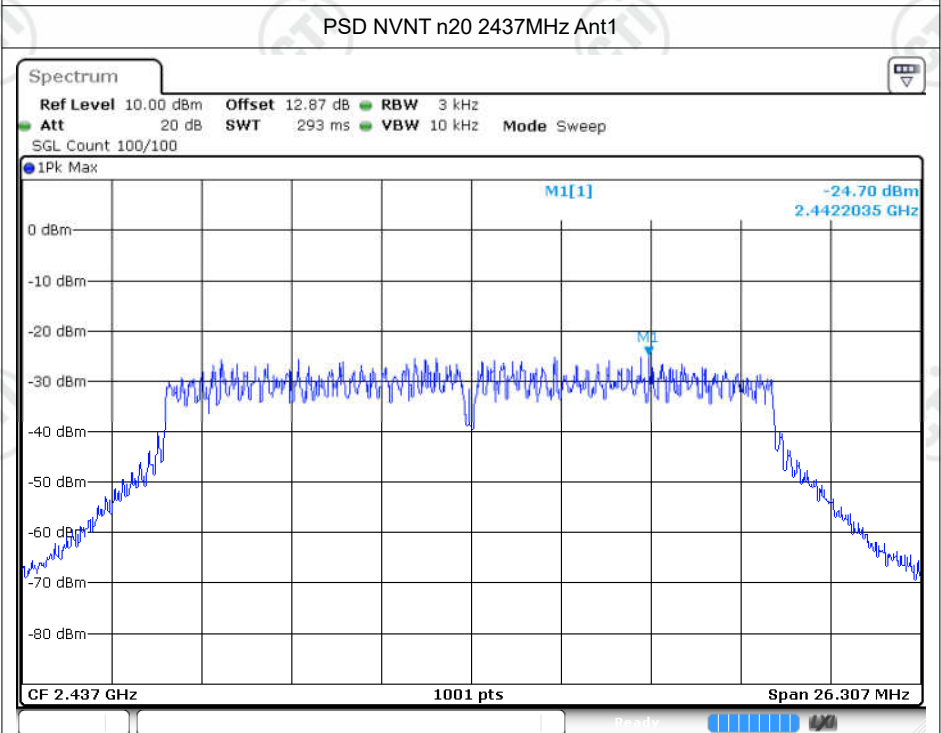
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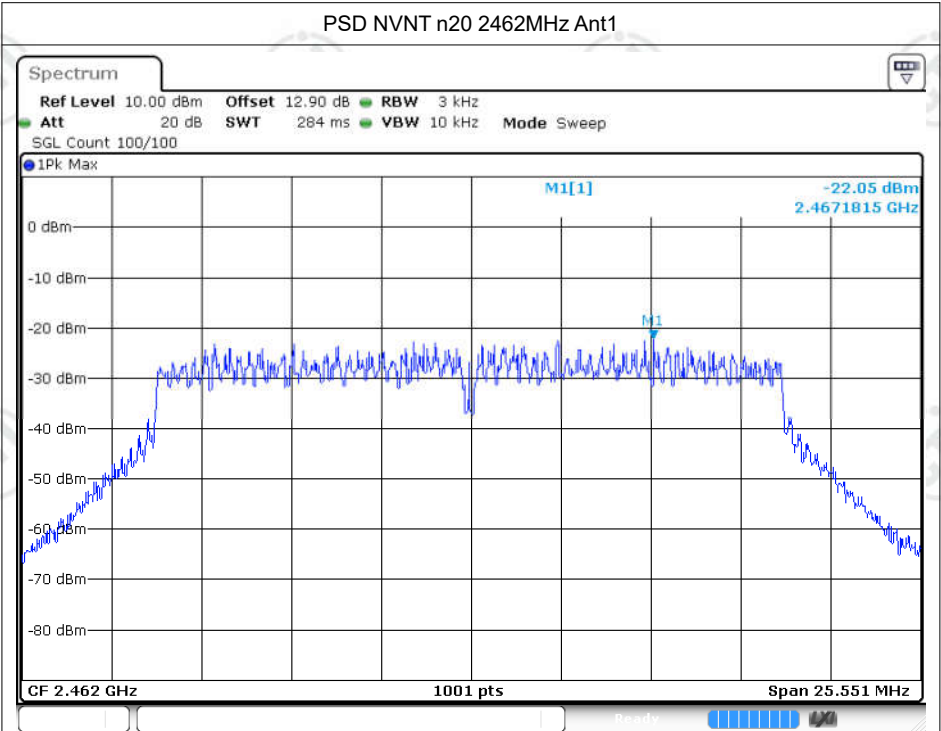
Date: 19.NOV.2024 17:46:01



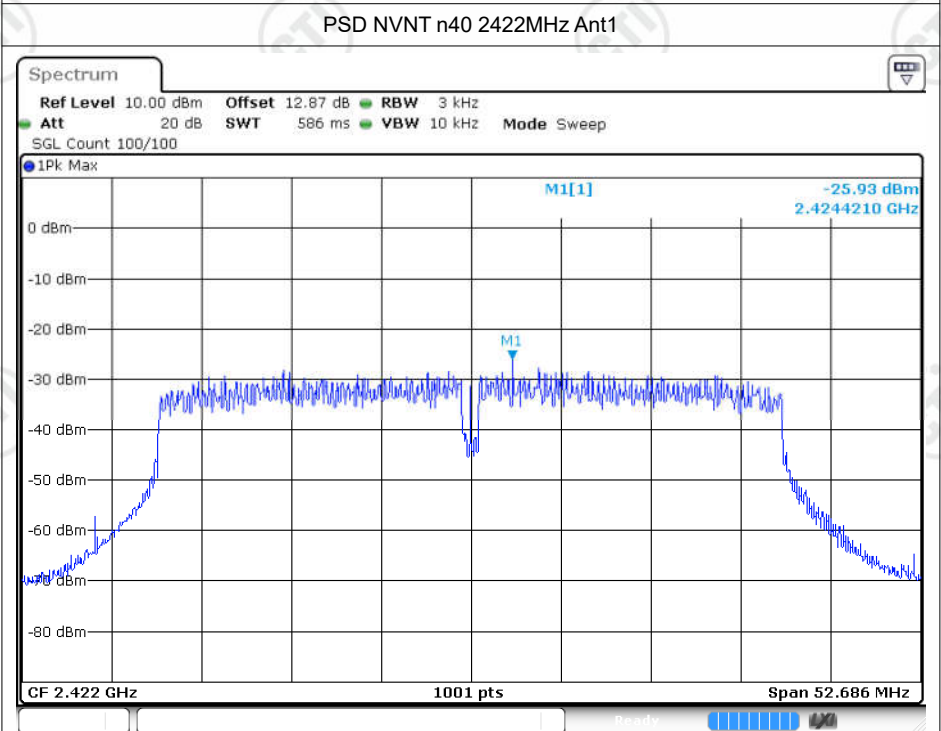
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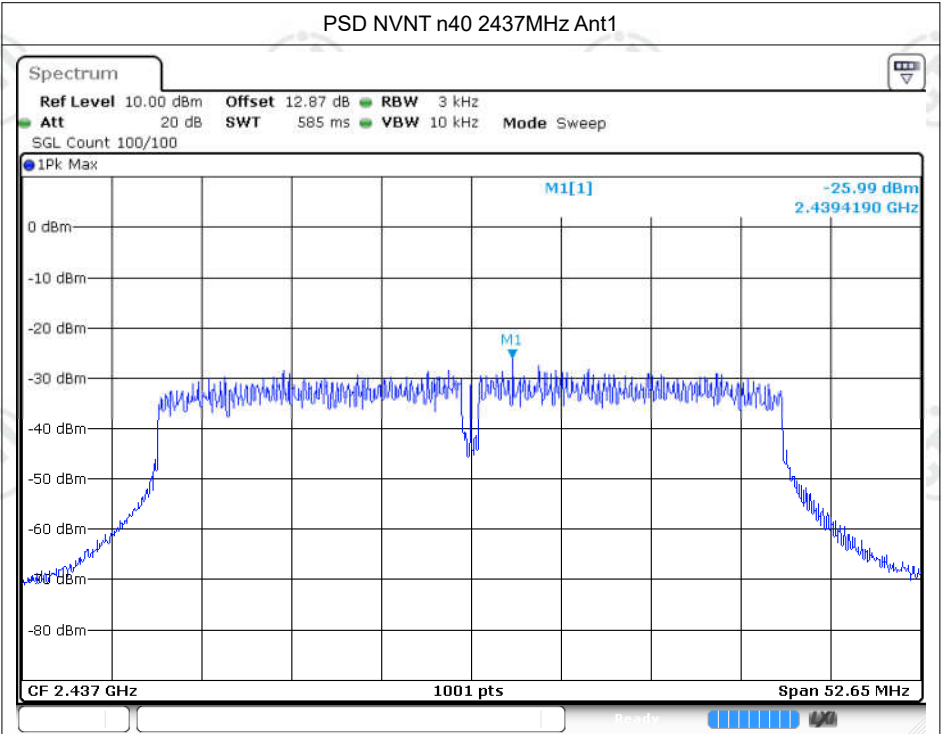
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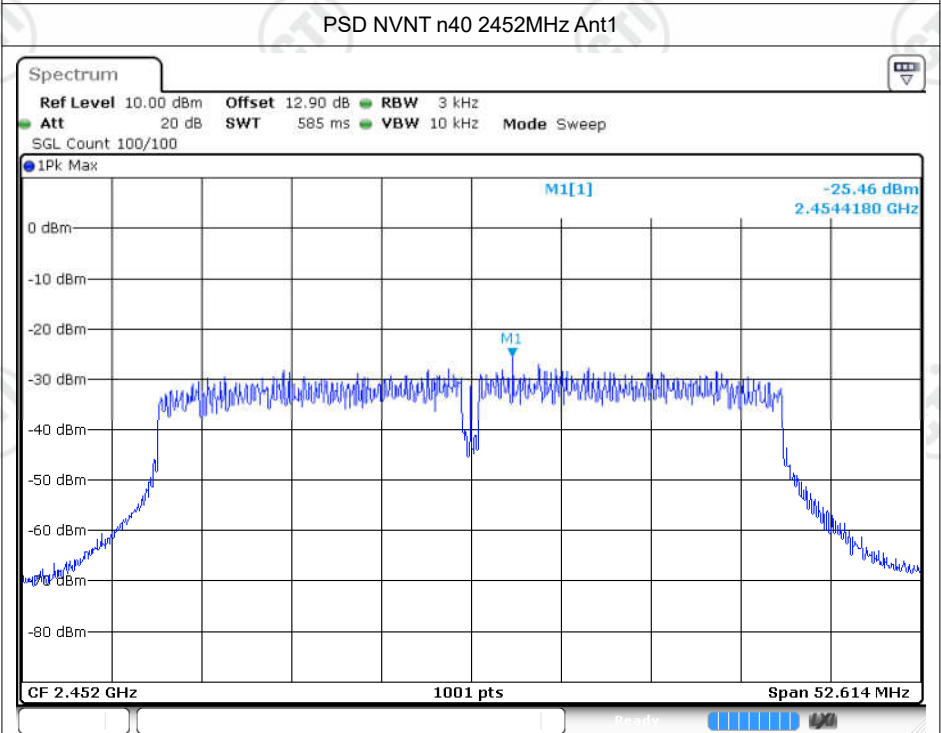
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Date: 19.NOV.2024 18:08:13



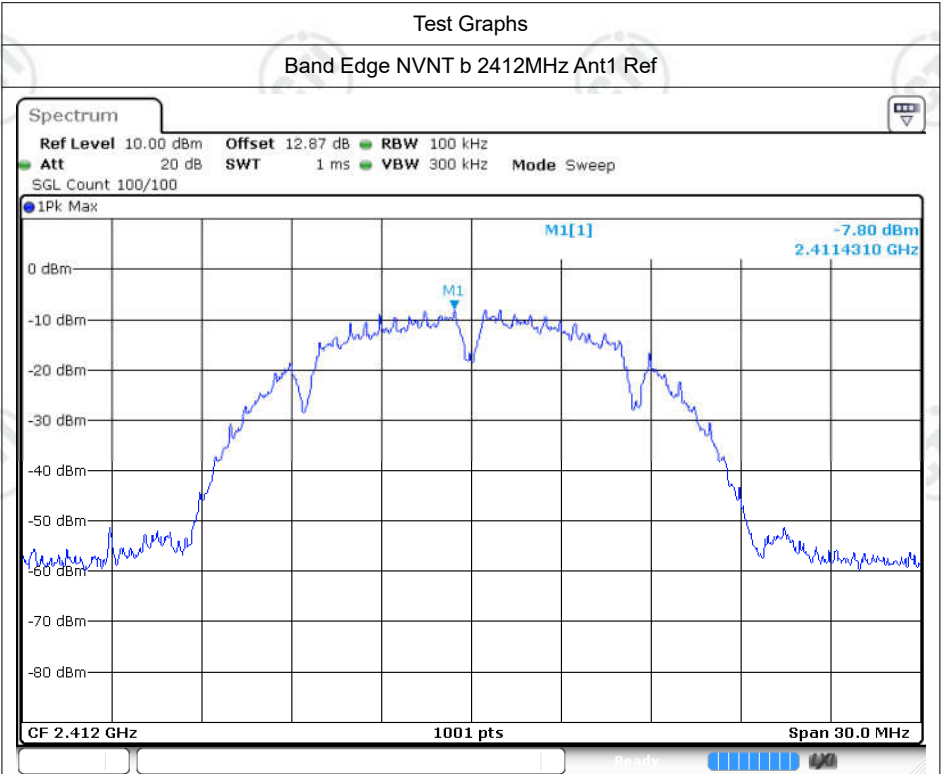
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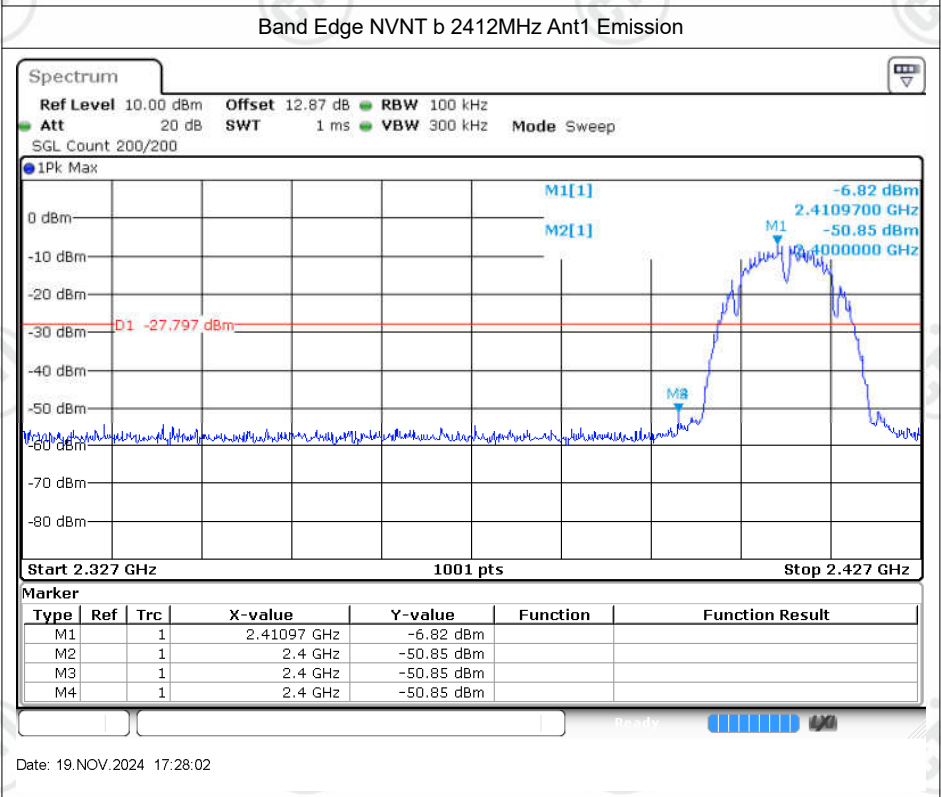
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Band Edge

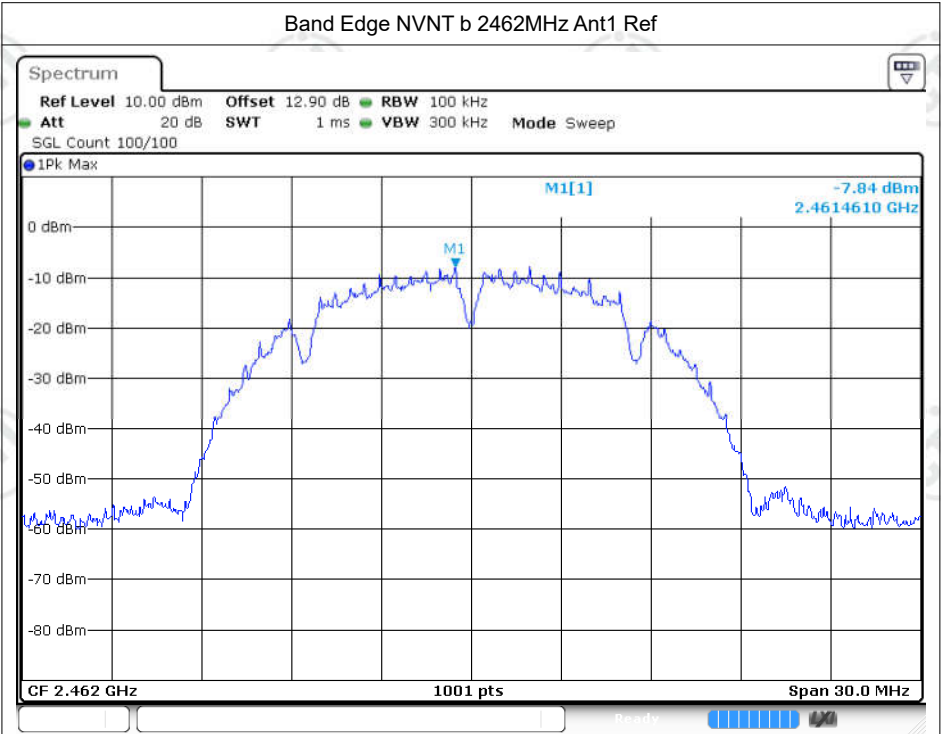
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-43.04	-20	Pass
NVNT	b	2462	Ant1	-47.63	-20	Pass
NVNT	g	2412	Ant1	-37.49	-20	Pass
NVNT	g	2462	Ant1	-46.18	-20	Pass
NVNT	n20	2412	Ant1	-37.01	-20	Pass
NVNT	n20	2462	Ant1	-46.44	-20	Pass
NVNT	n40	2422	Ant1	-32.72	-20	Pass
NVNT	n40	2452	Ant1	-38.09	-20	Pass



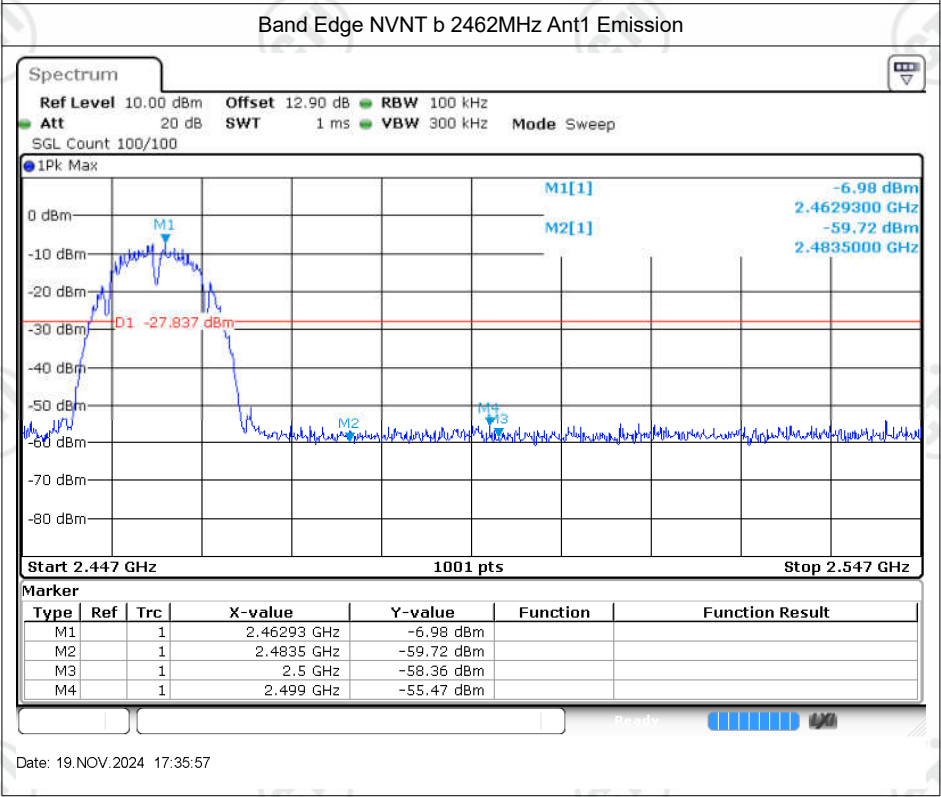
Date: 19.NOV.2024 17:28:00



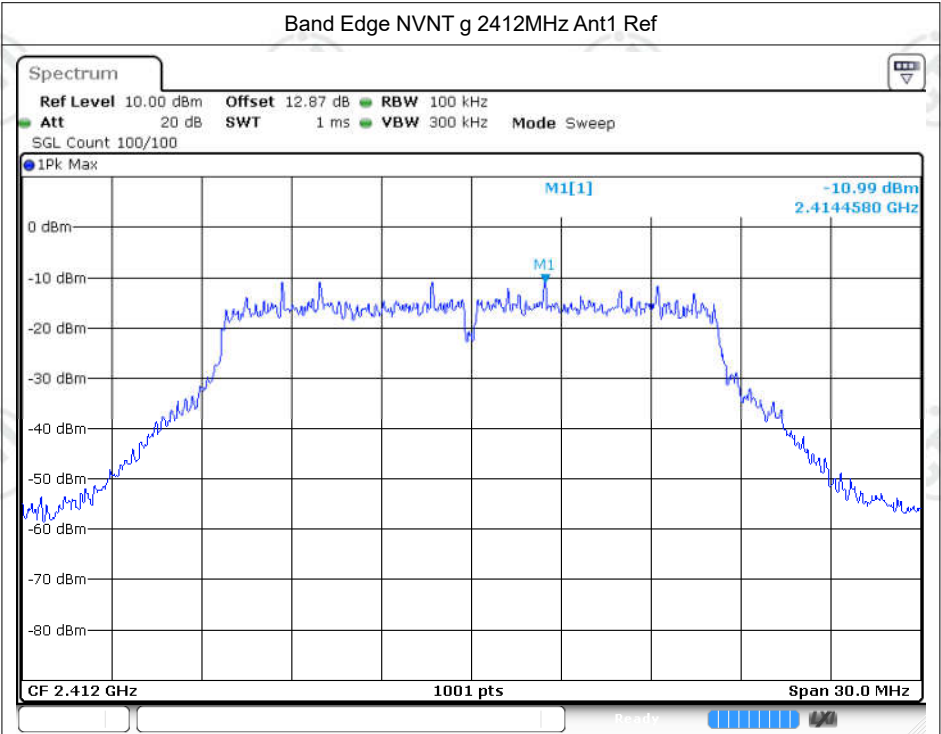
Date: 19.NOV.2024 17:28:02



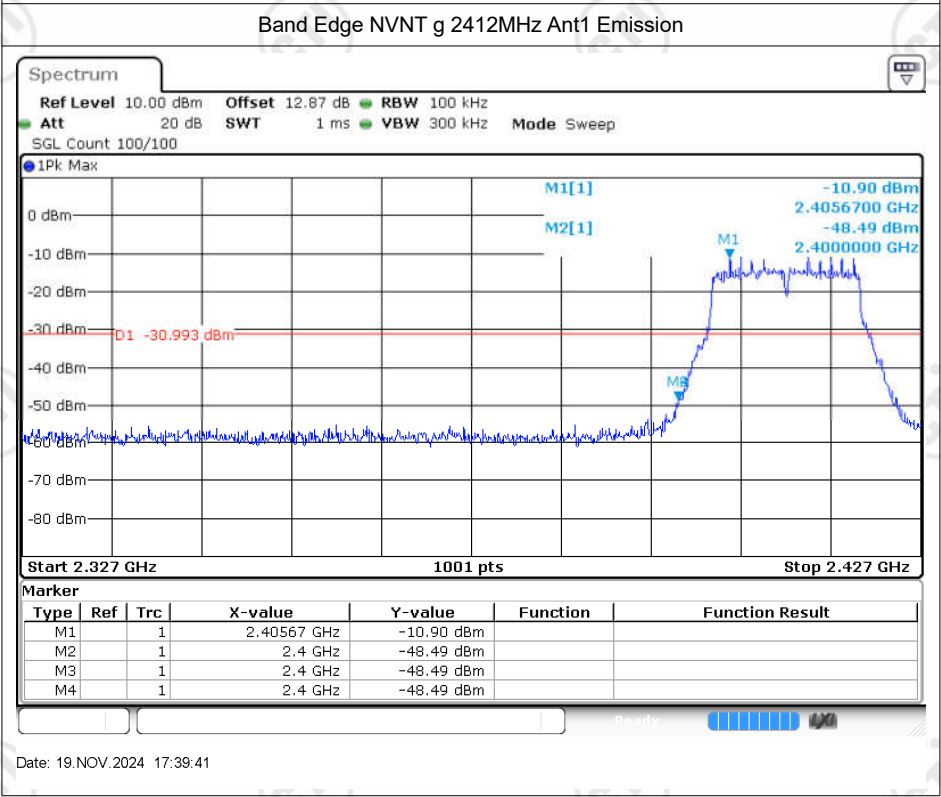
Date: 19.NOV.2024 17:35:56



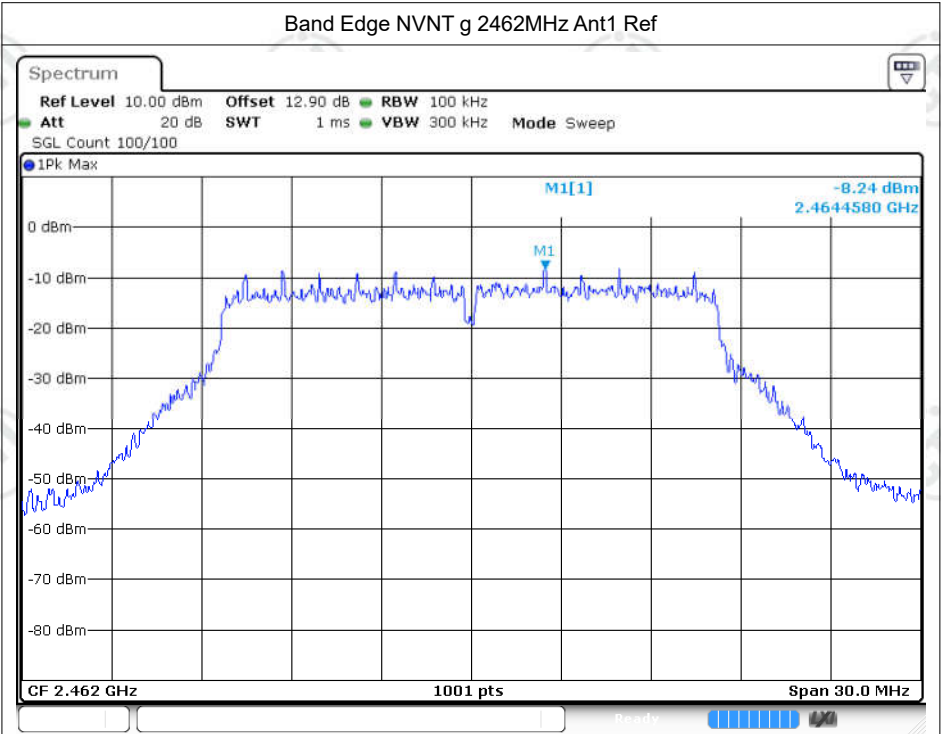
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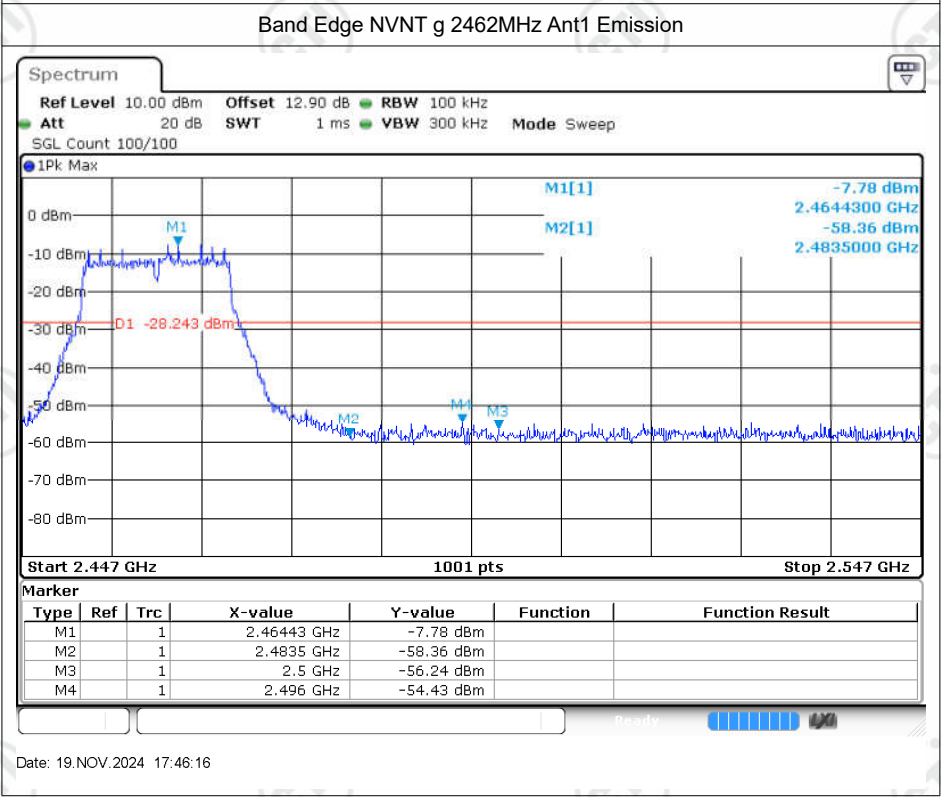
Date: 19.NOV.2024 17:39:39



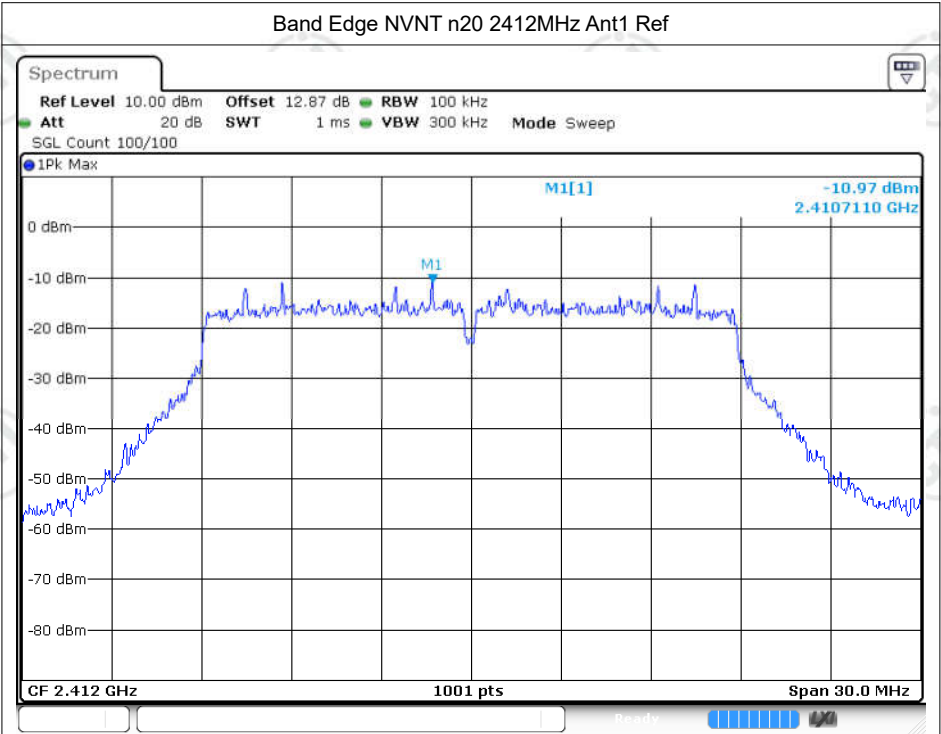
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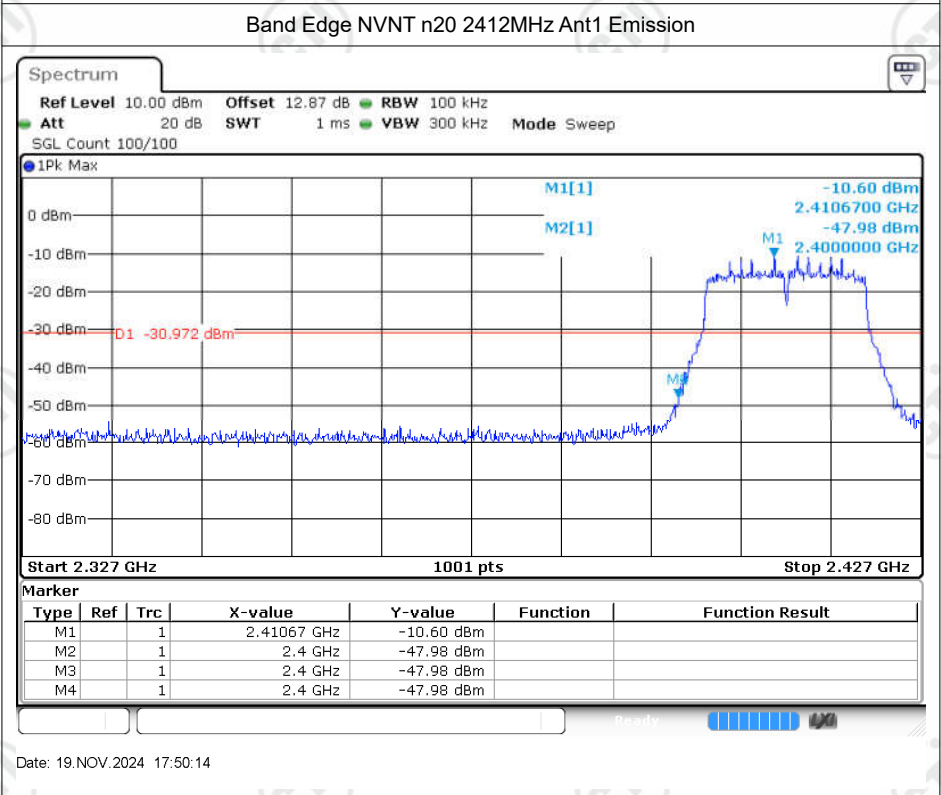
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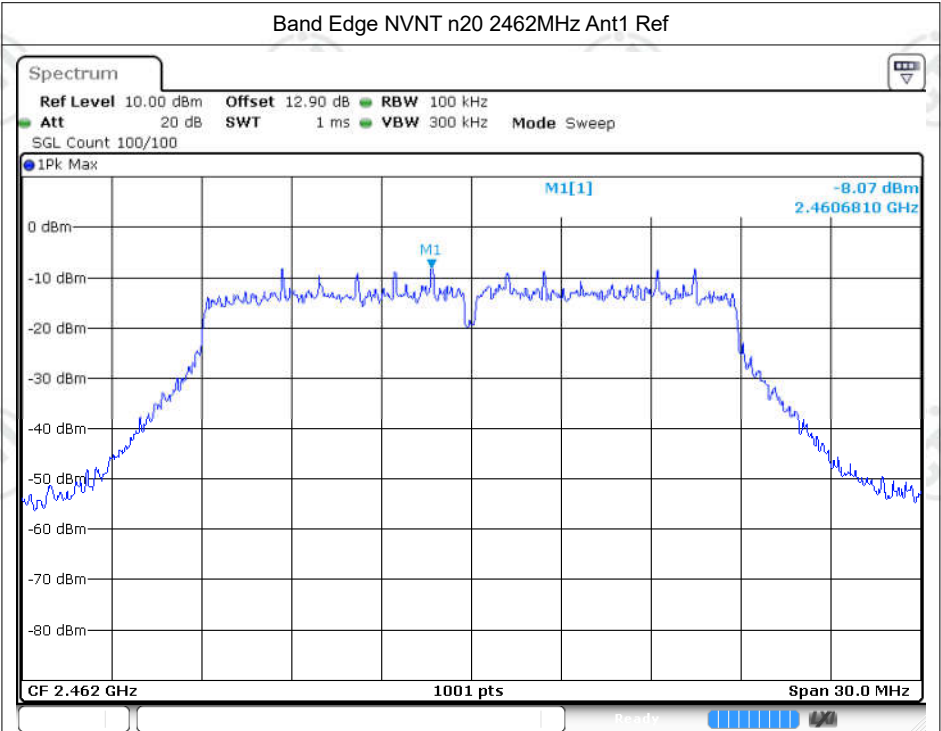
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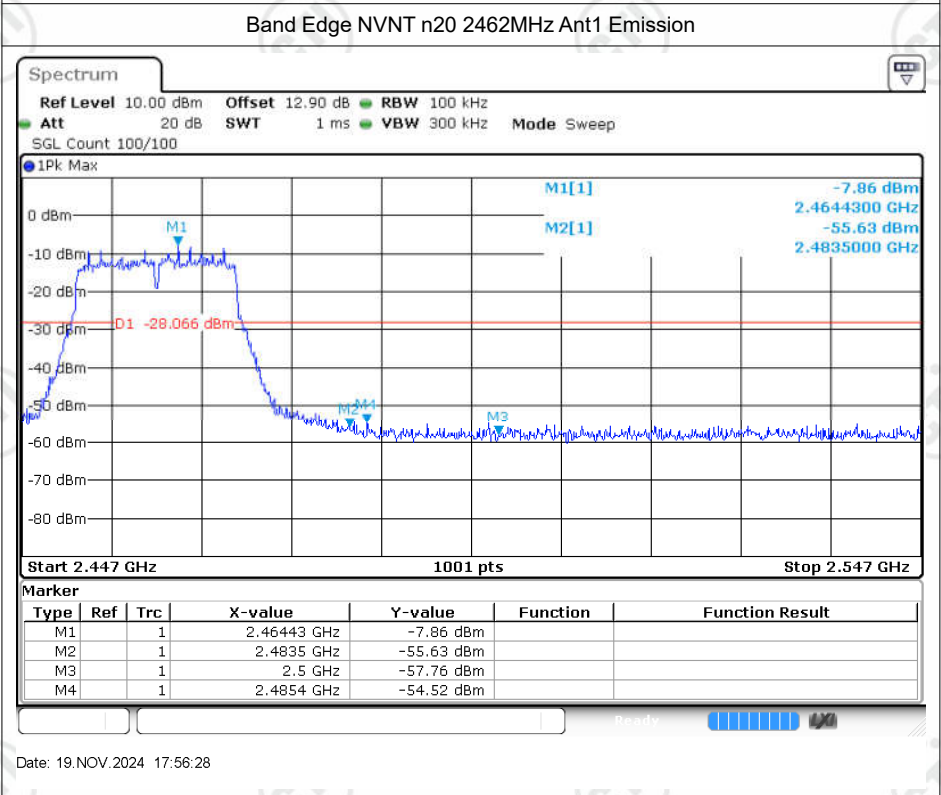
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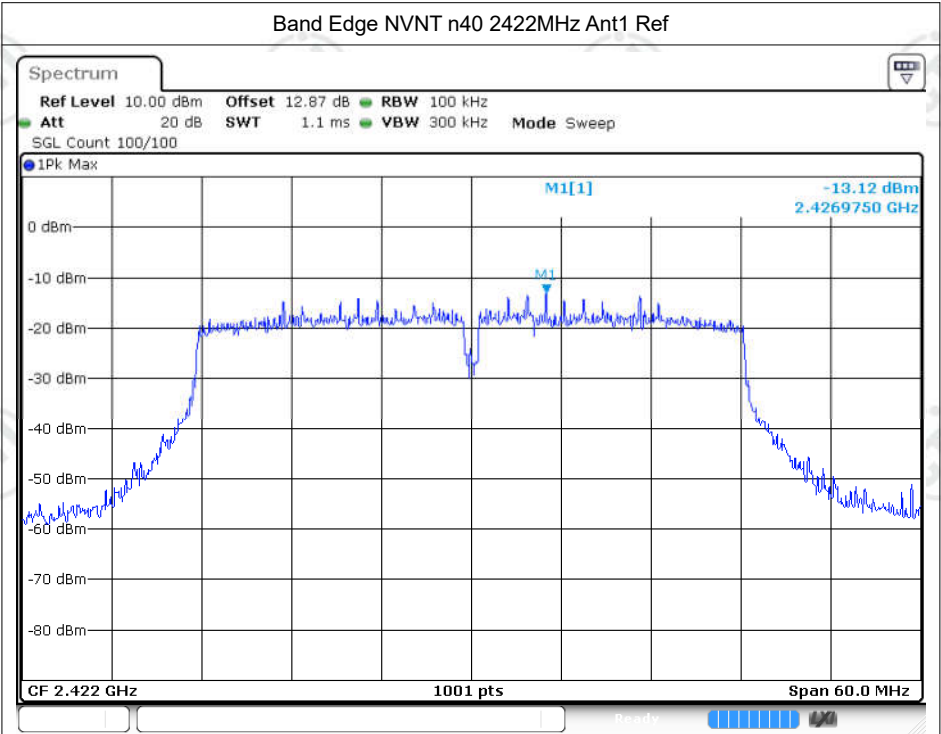
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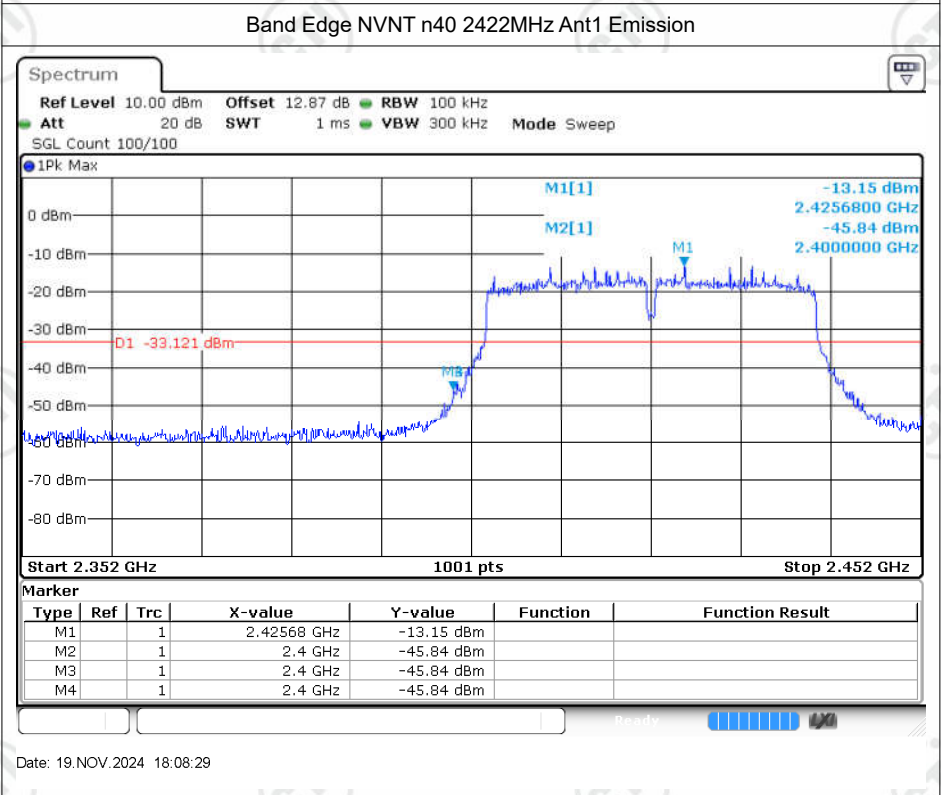
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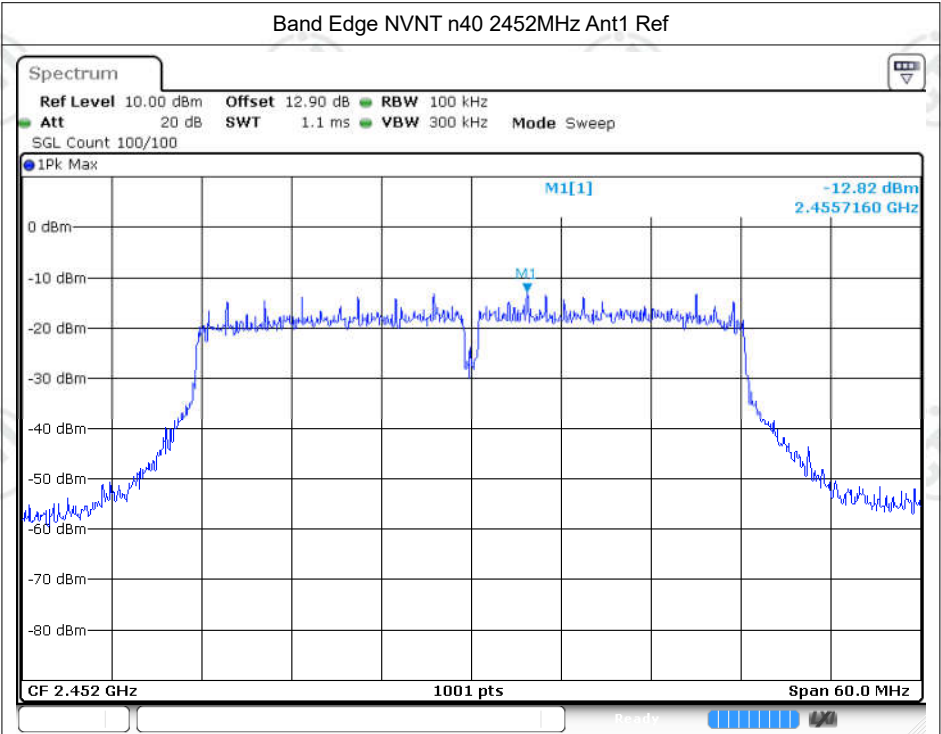
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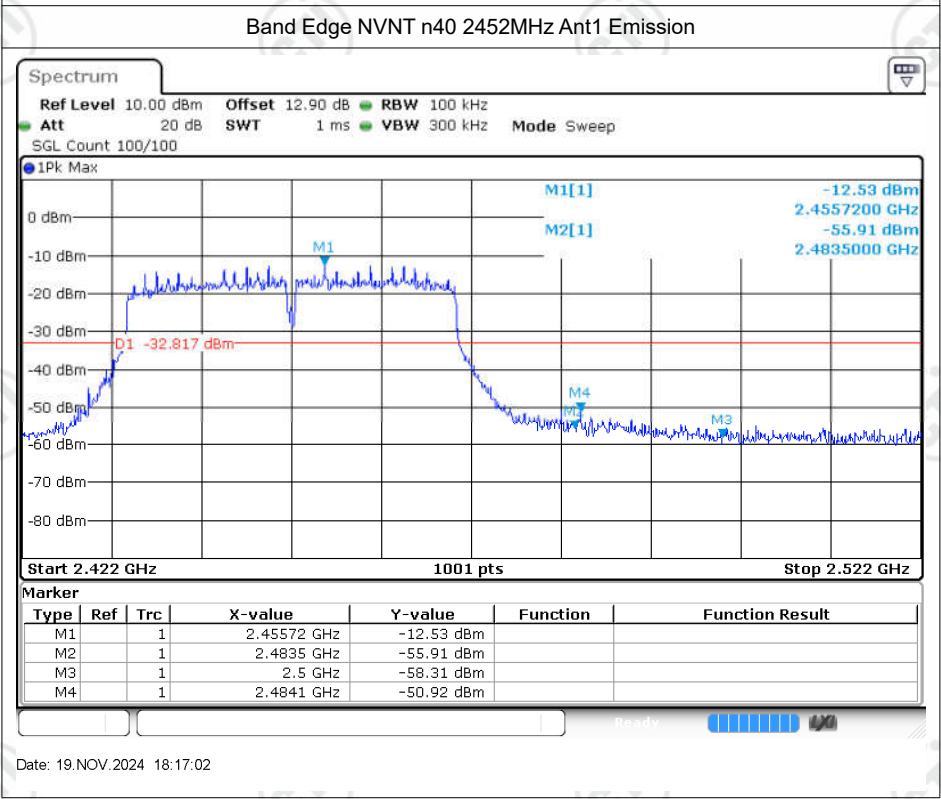
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Date: 19.NOV.2024 18:08:29



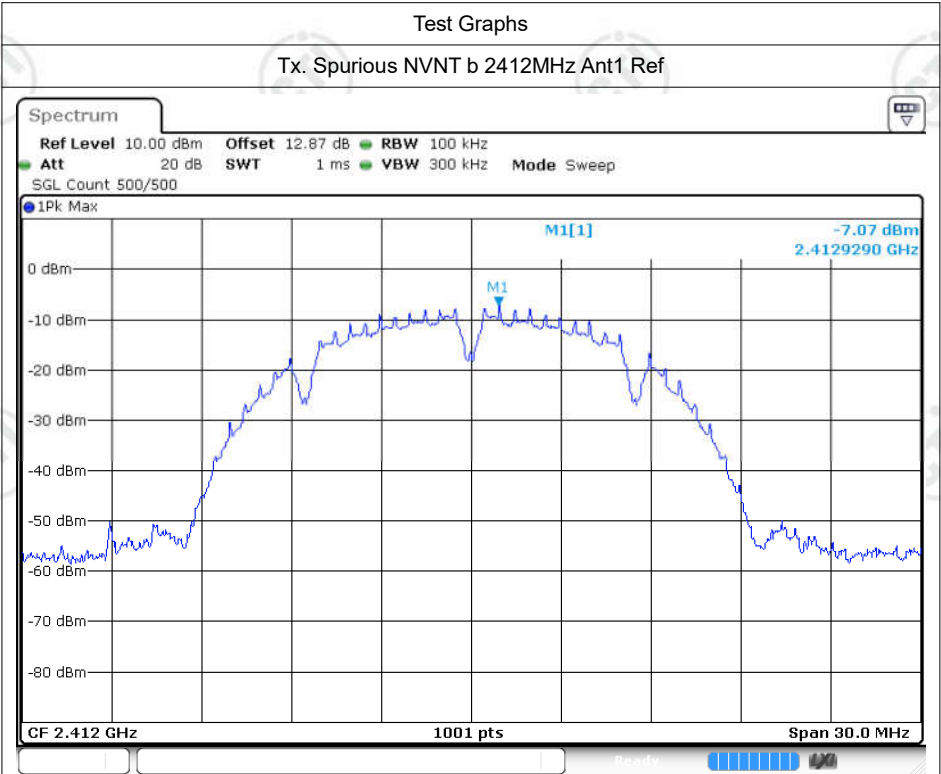
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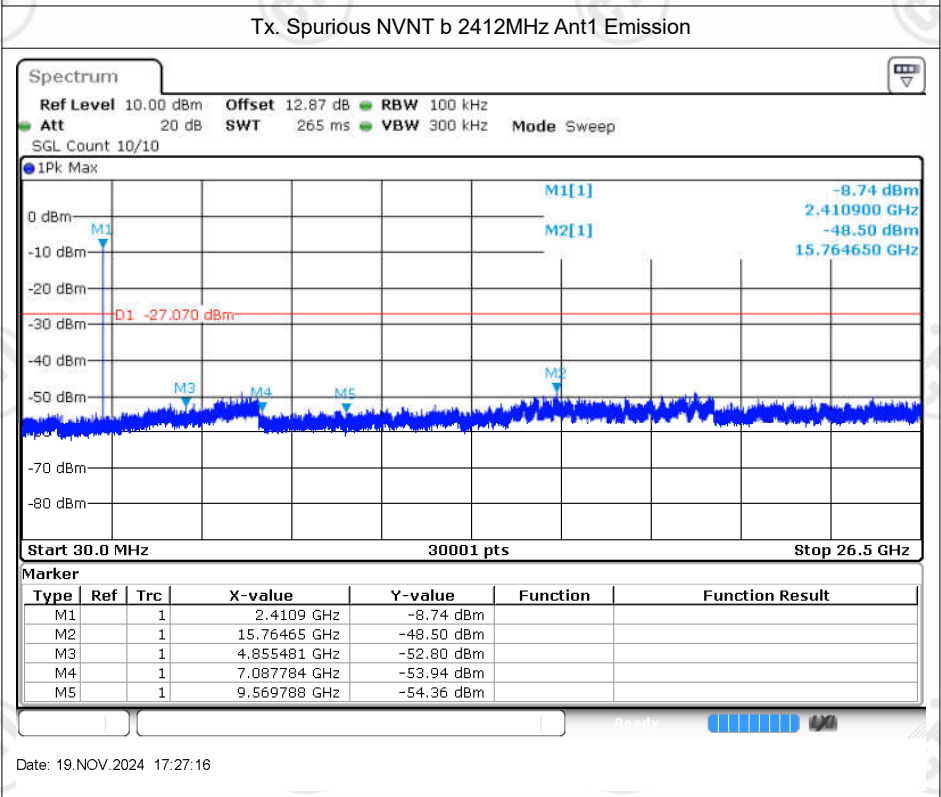
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Conducted RF Spurious Emission

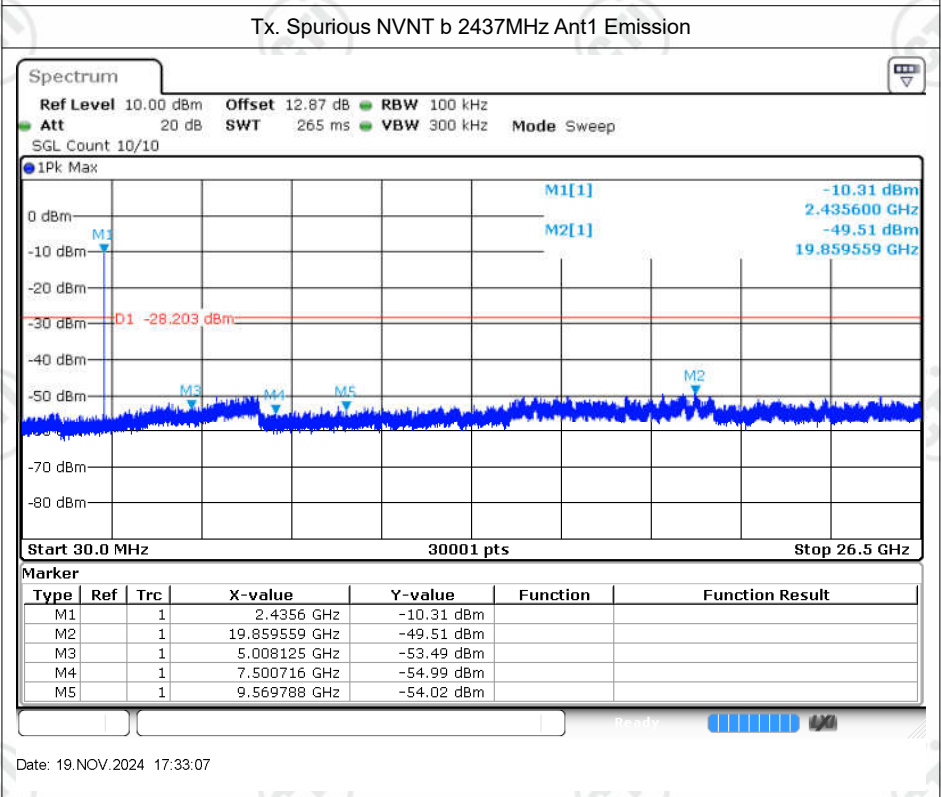
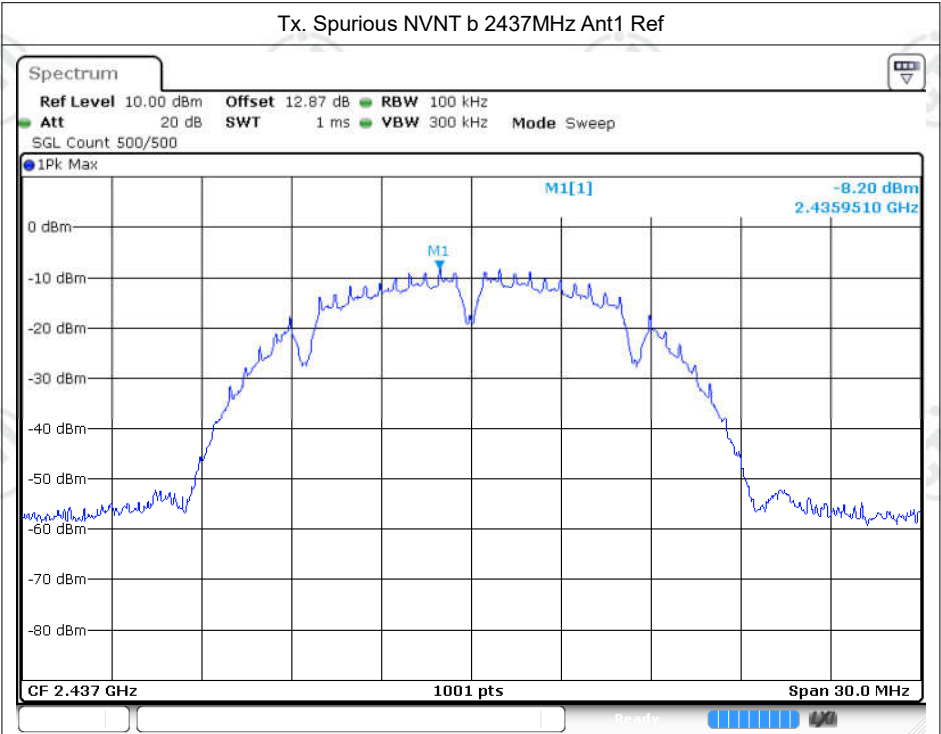
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-41.42	-20	Pass
NVNT	b	2437	Ant1	-41.31	-20	Pass
NVNT	b	2462	Ant1	-40.54	-20	Pass
NVNT	g	2412	Ant1	-37.39	-20	Pass
NVNT	g	2437	Ant1	-38.38	-20	Pass
NVNT	g	2462	Ant1	-41.04	-20	Pass
NVNT	n20	2412	Ant1	-37.1	-20	Pass
NVNT	n20	2437	Ant1	-38.87	-20	Pass
NVNT	n20	2462	Ant1	-41.04	-20	Pass
NVNT	n40	2422	Ant1	-35.79	-20	Pass
NVNT	n40	2437	Ant1	-35.91	-20	Pass
NVNT	n40	2452	Ant1	-36.35	-20	Pass

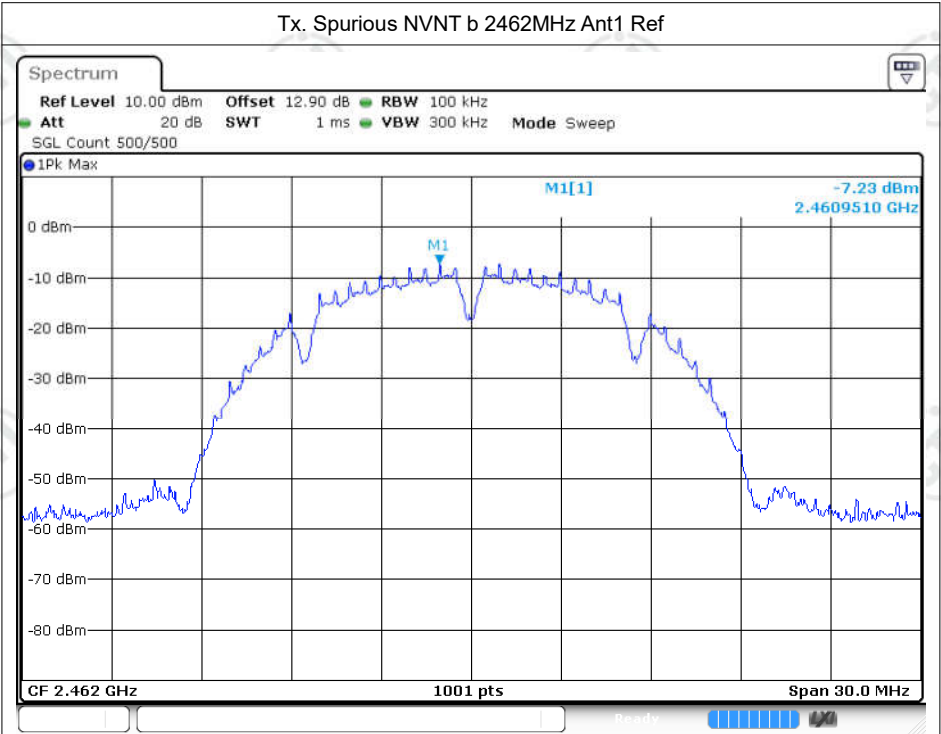


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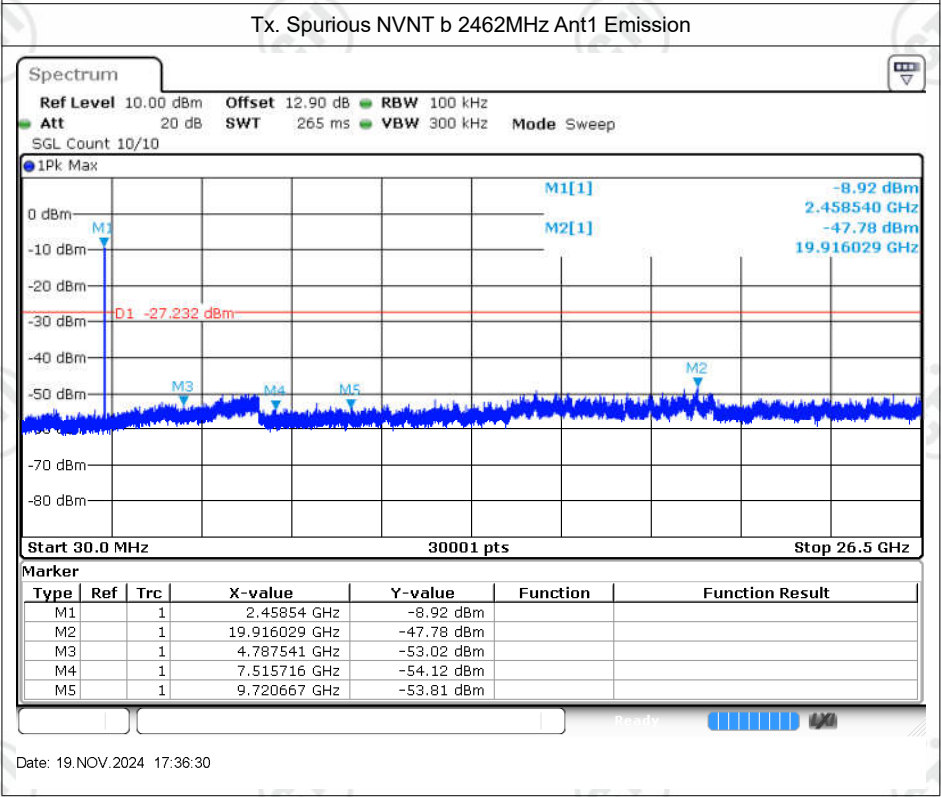


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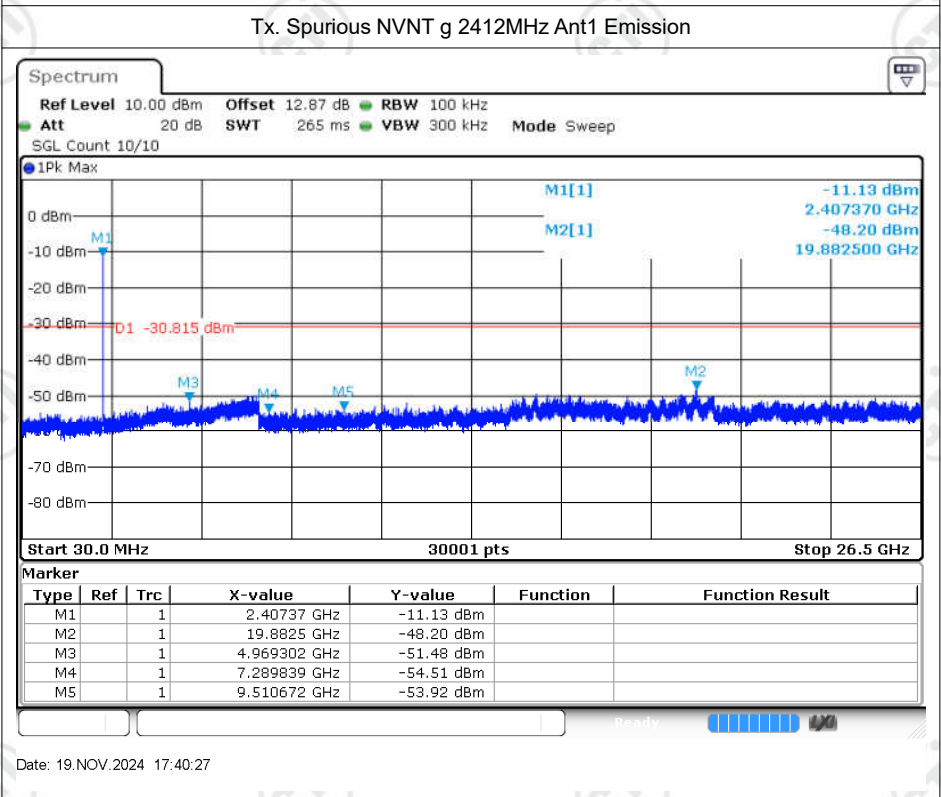
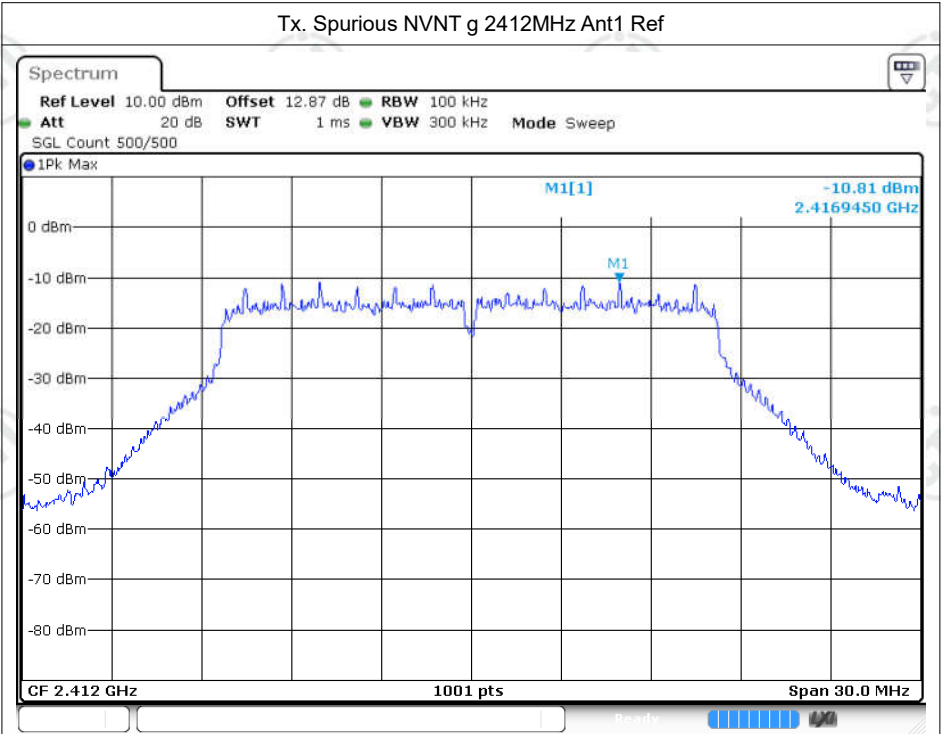


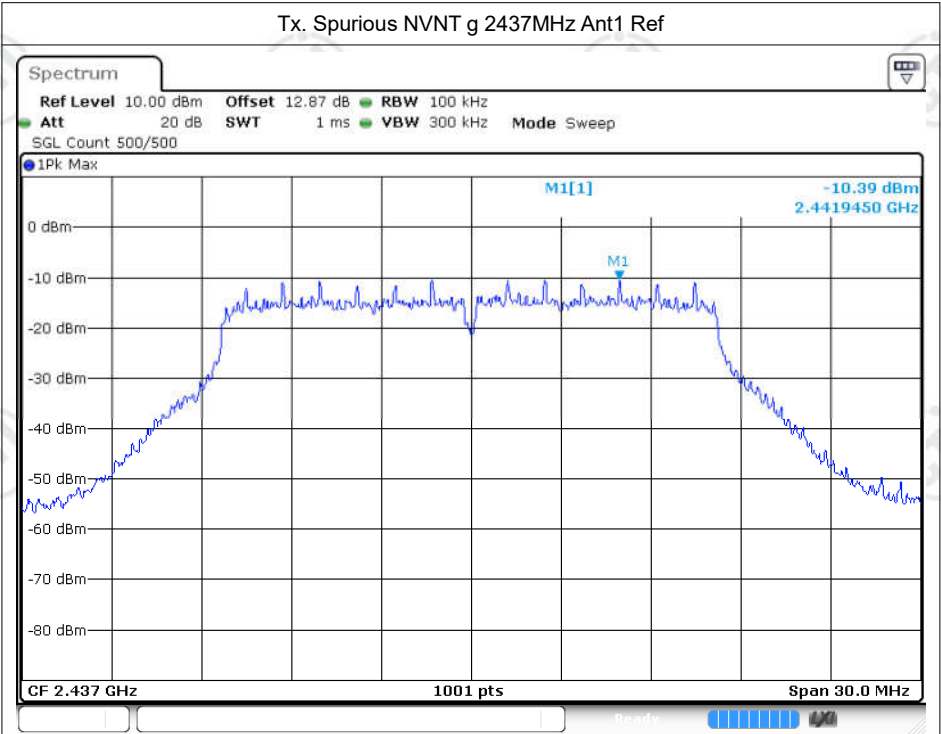


Date: 19.NOV.2024 17:36:18

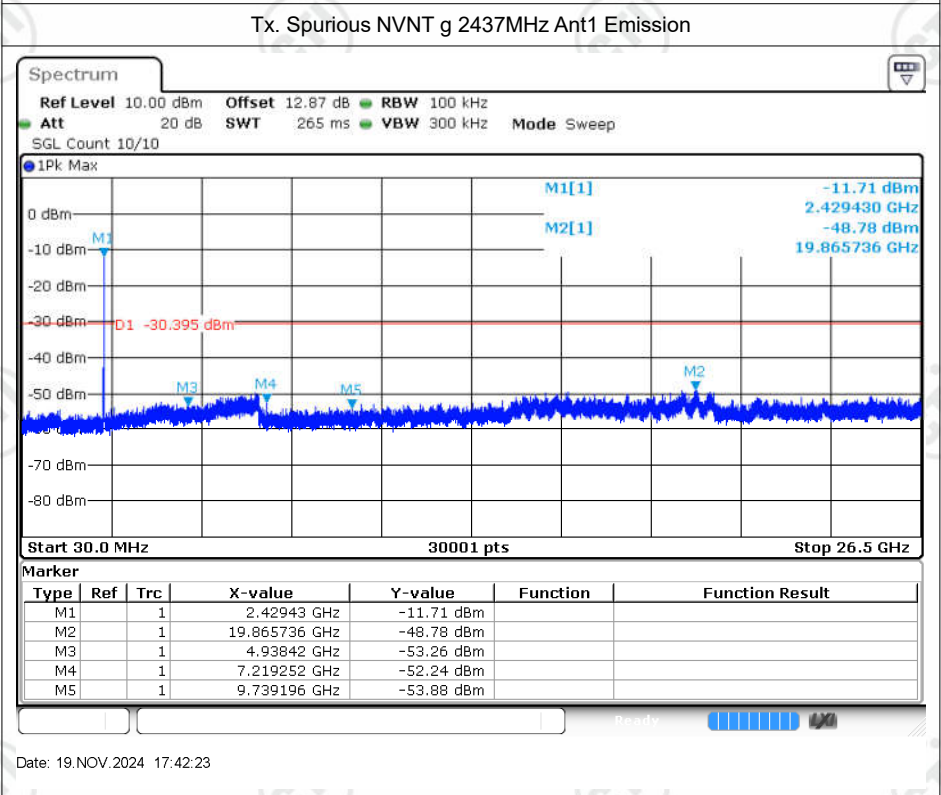


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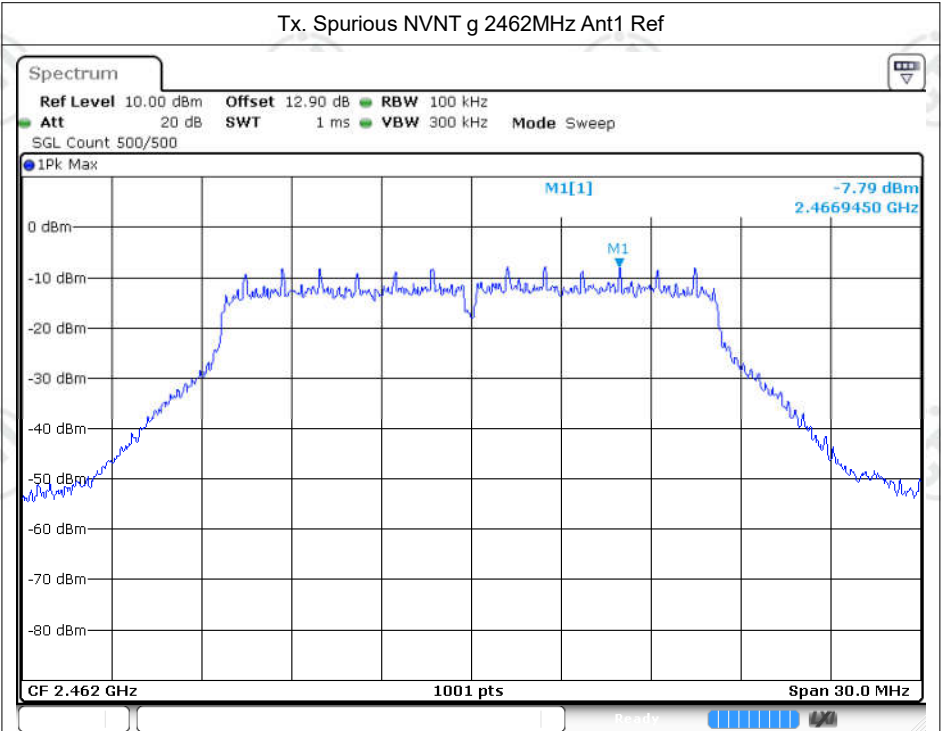




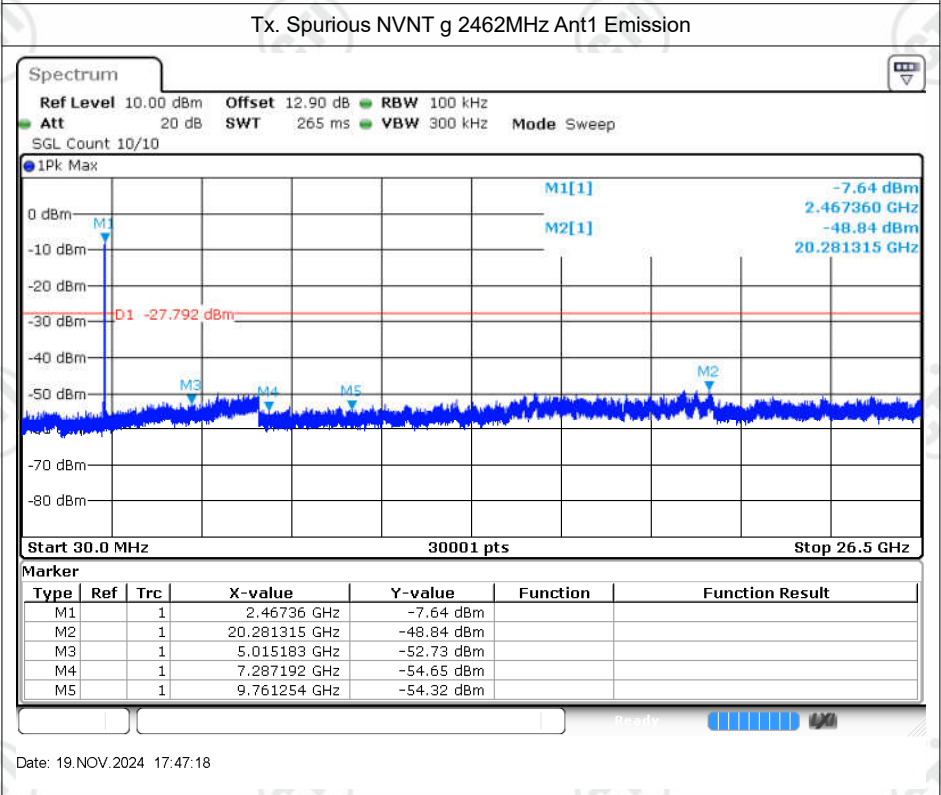
Date: 19.NOV.2024 17:42:11



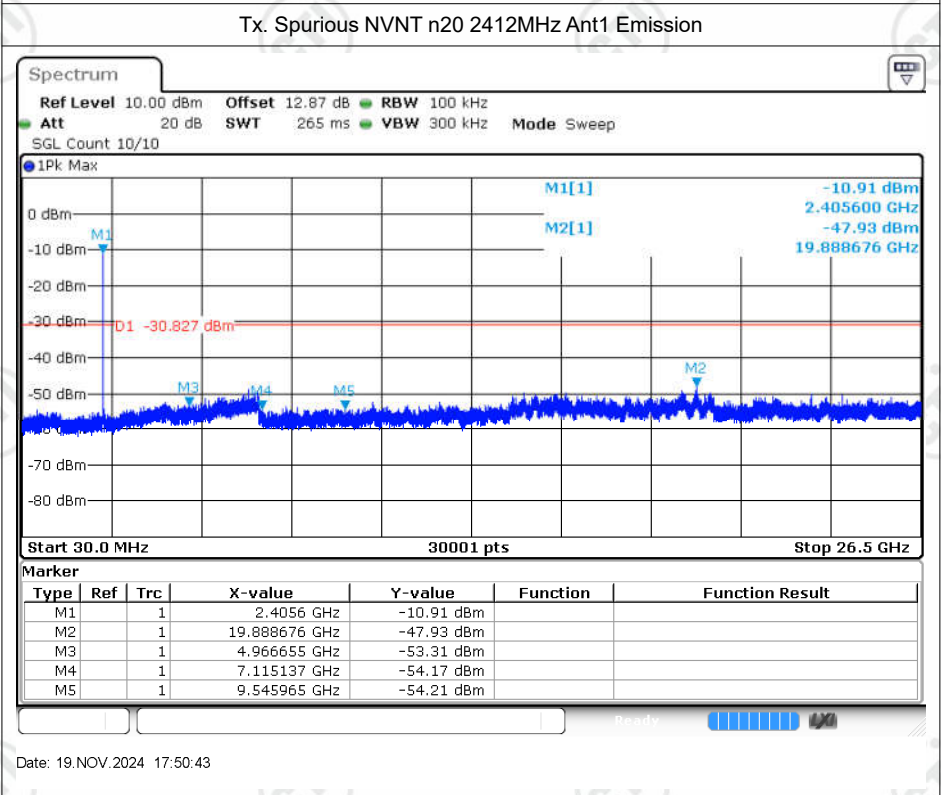
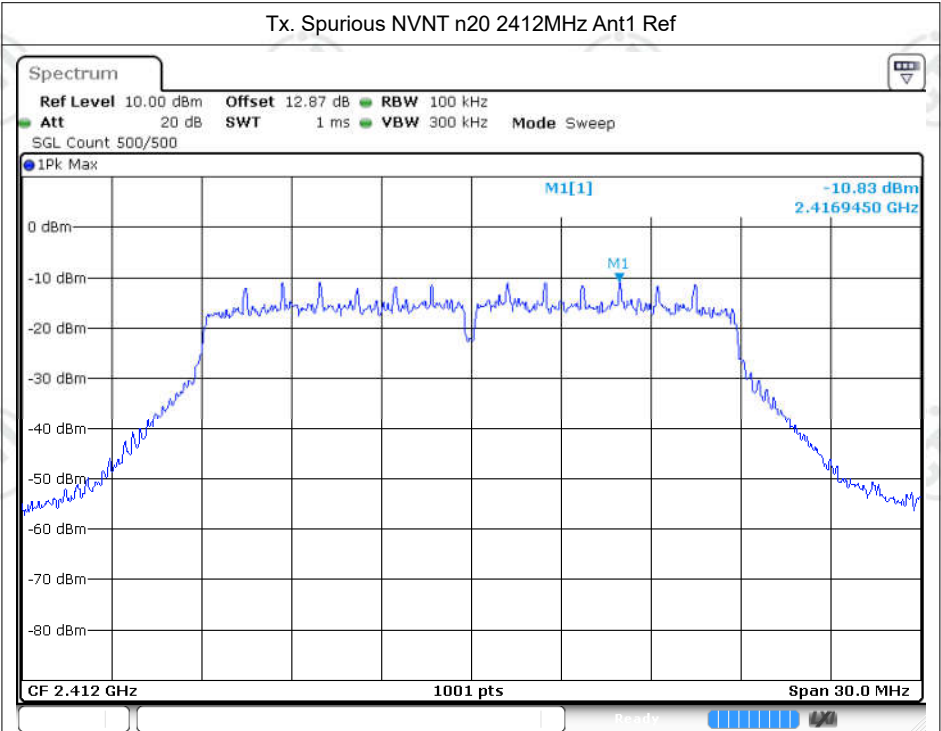
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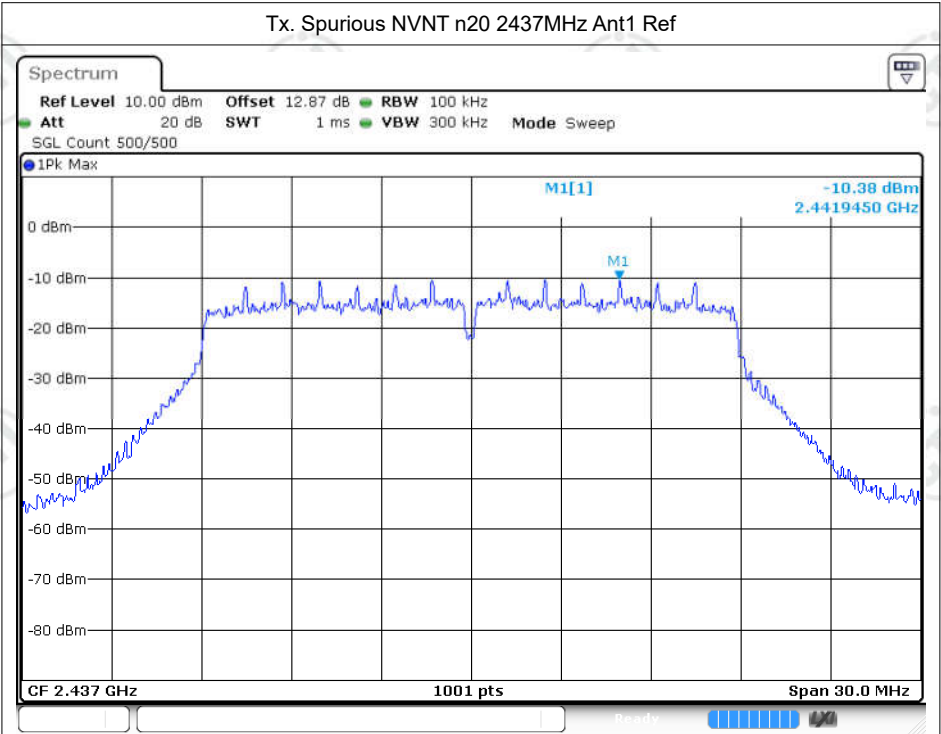


Date: 19.NOV.2024 17:47:07

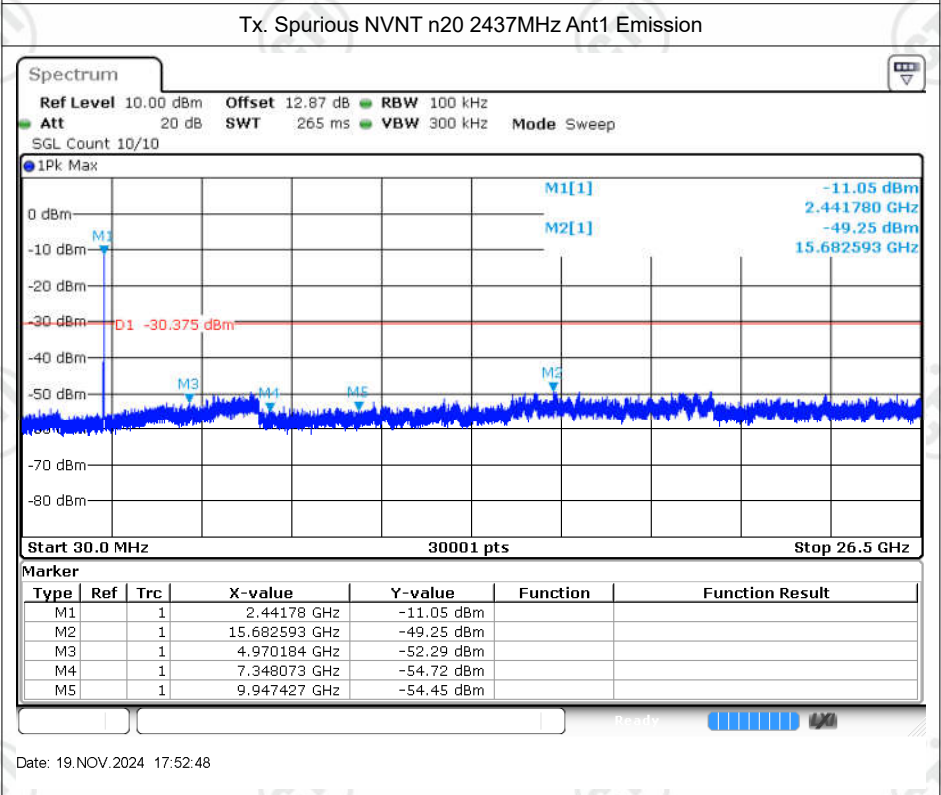


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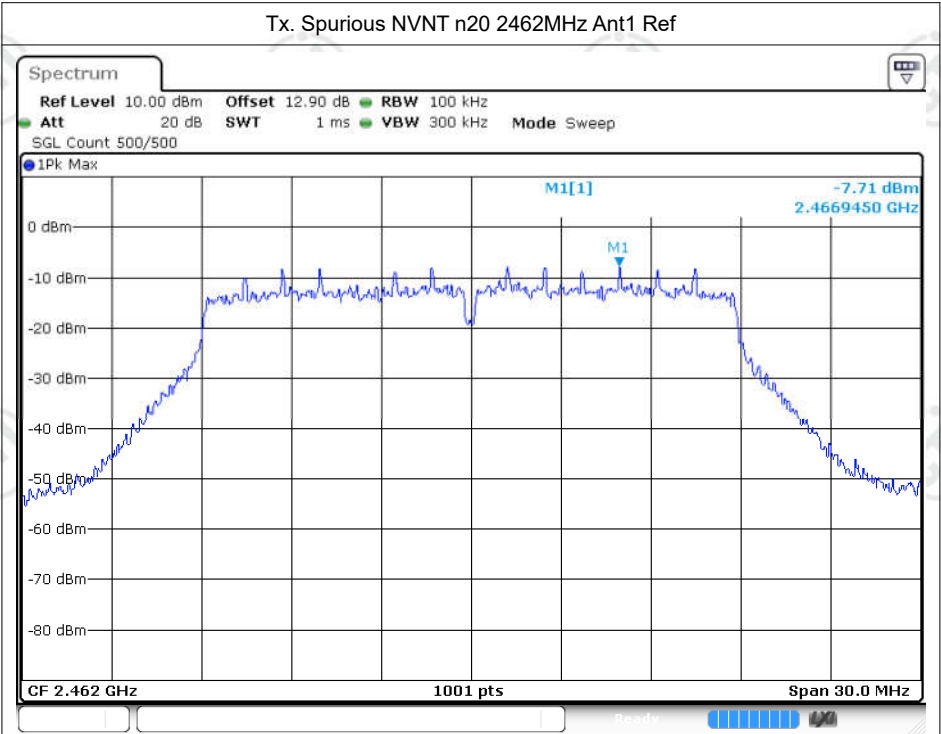




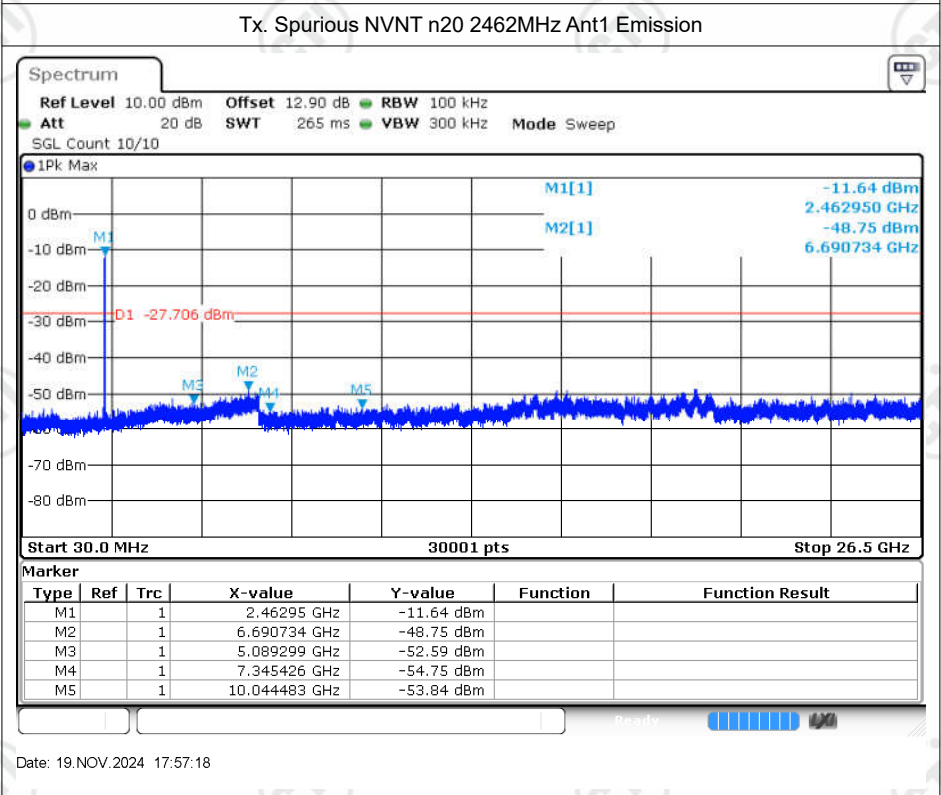
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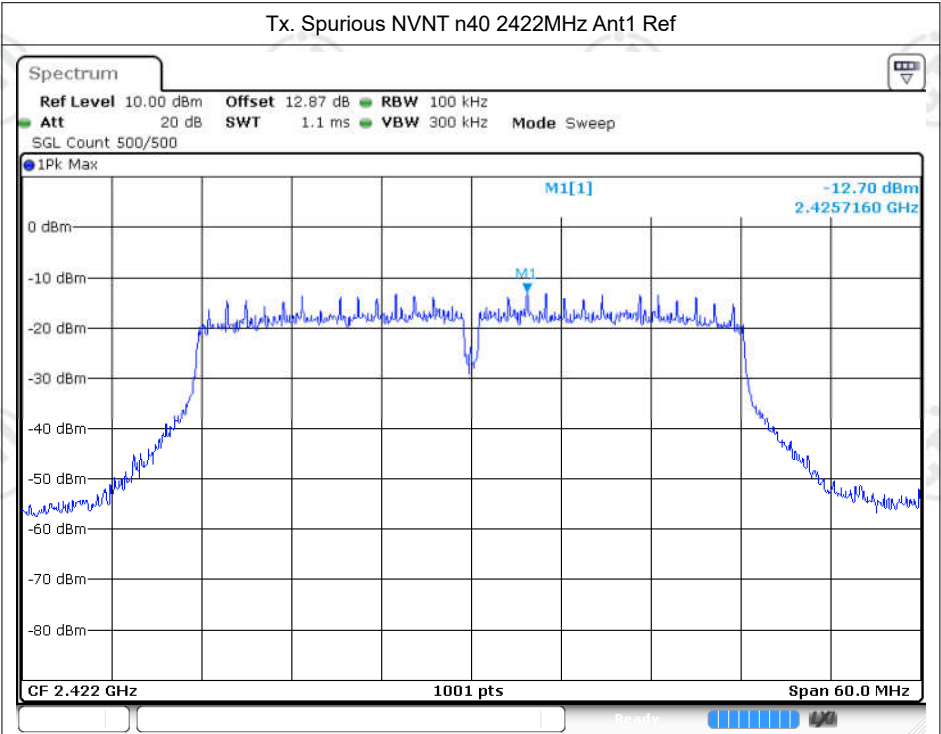
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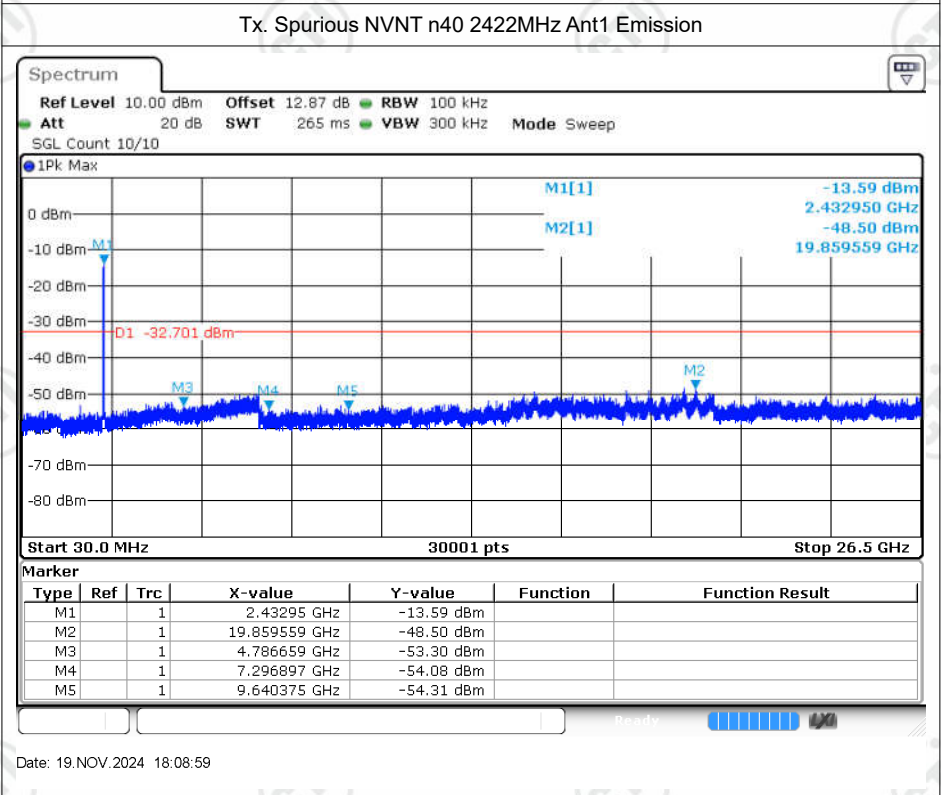
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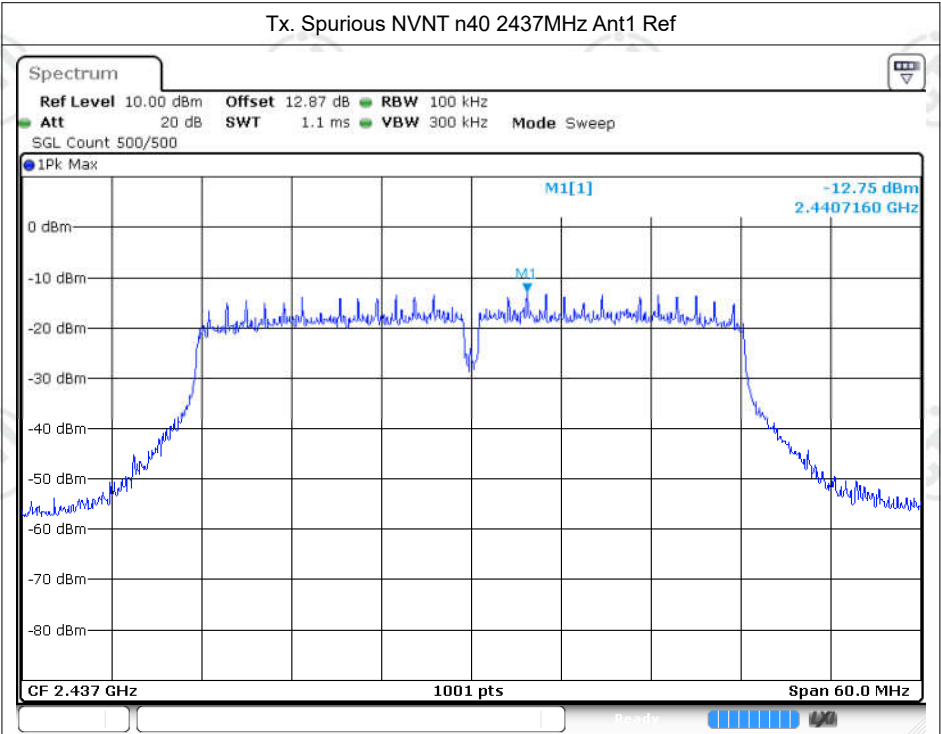
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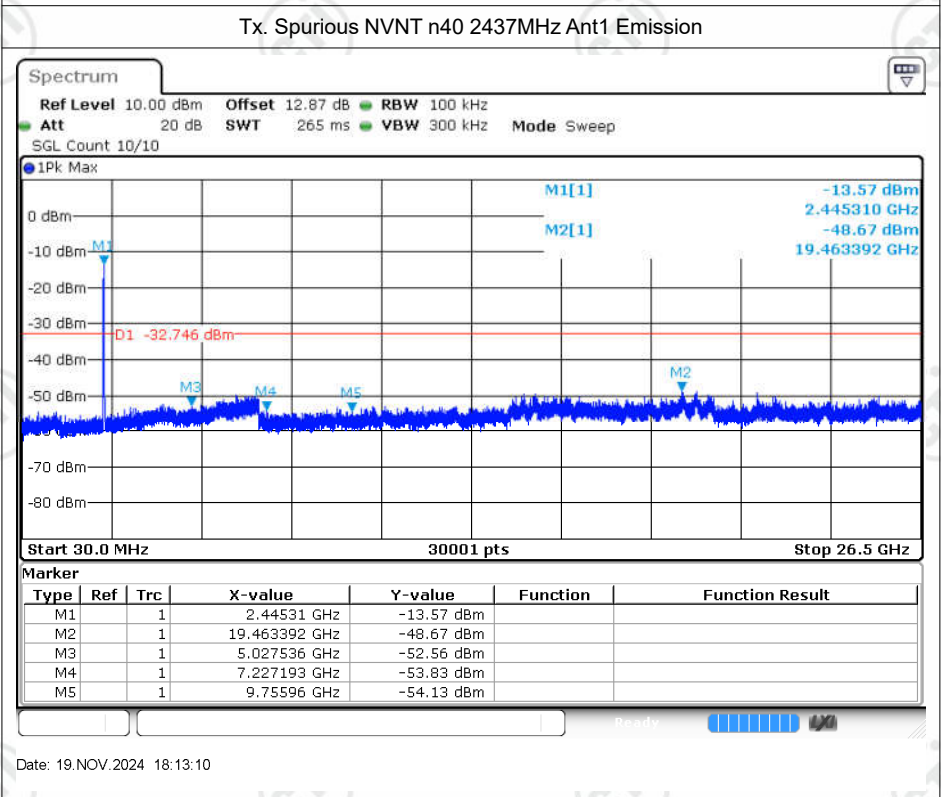
Date: 19.NOV.2024 18:08:48



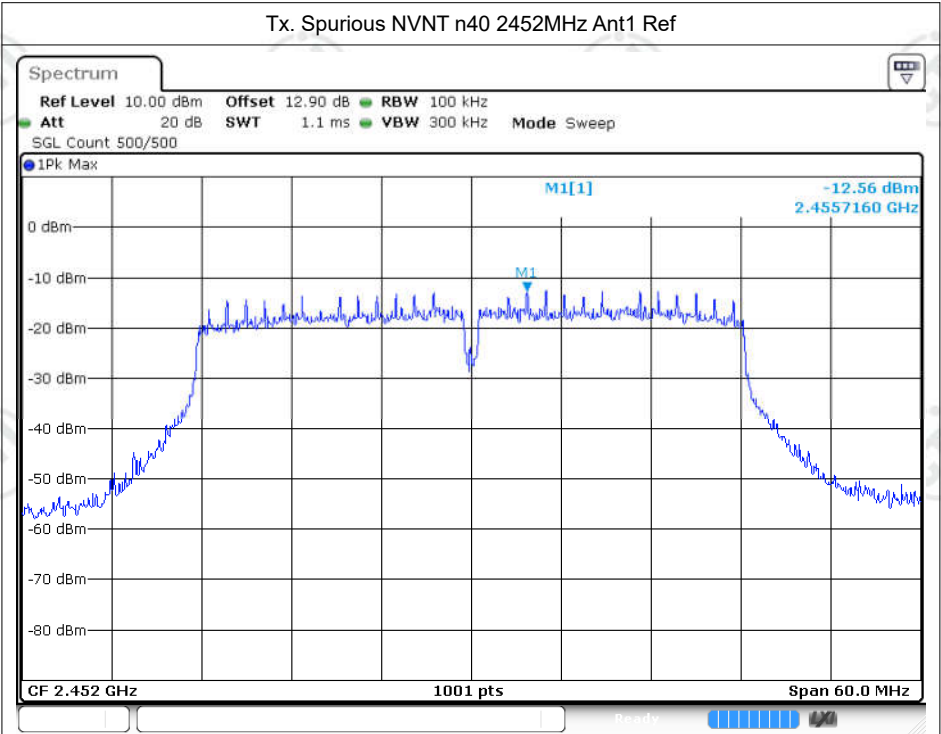
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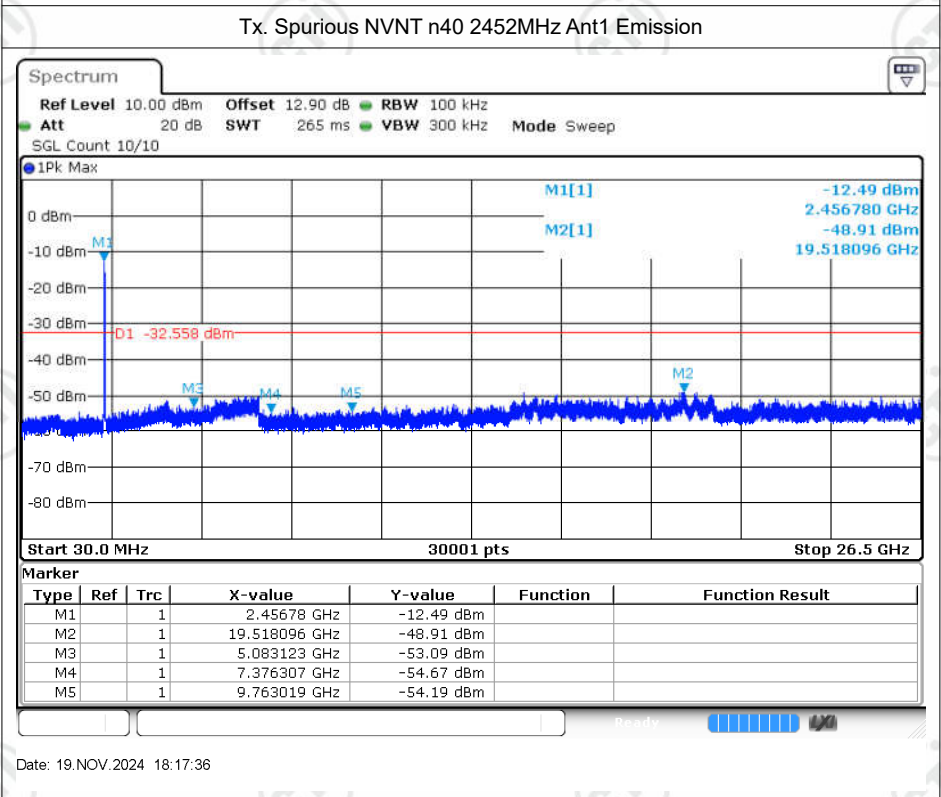
Date: 19.NOV.2024 18:12:59



Date: 19.NOV.2024 18:13:10



Date: 19.NOV.2024 18:17:25



Date: 19.NOV.2024 18:17:36

END OF REPORT