

Appendix: 2.4G Wi-Fi

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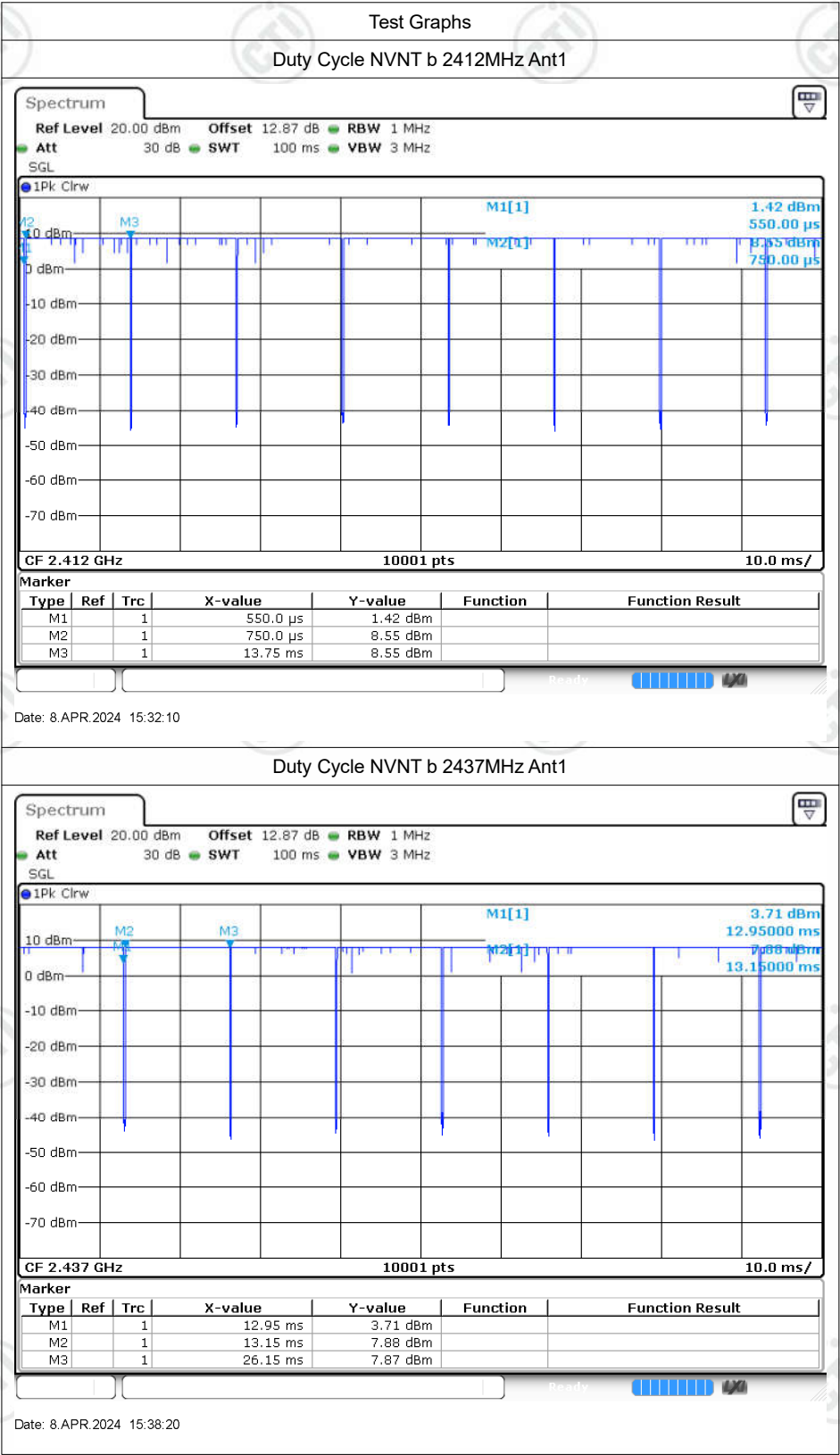
Maximum Power Spectral Density Level 25

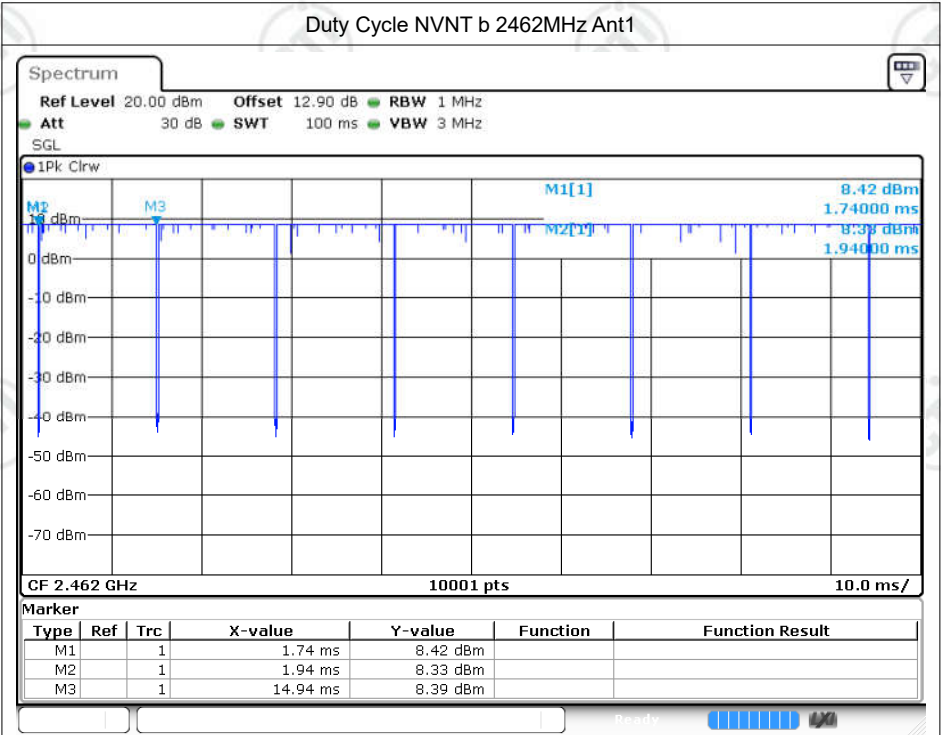
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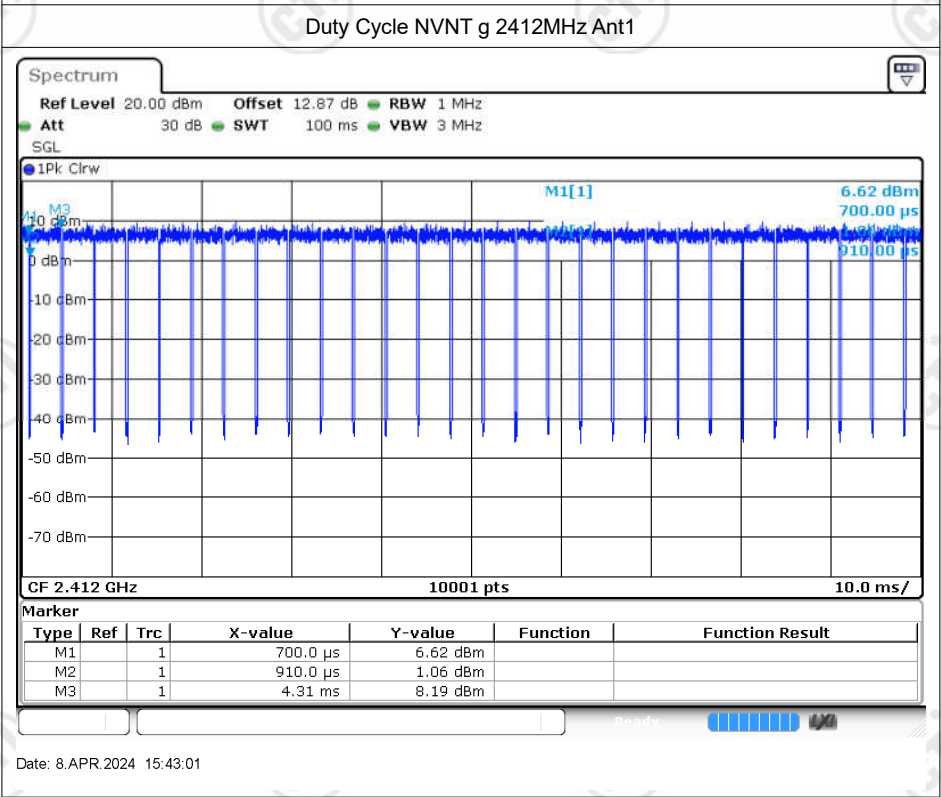
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	98.48	0	0.08
NVNT	b	2437	Ant1	98.48	0	0.08
NVNT	b	2462	Ant1	98.48	0	0.08
NVNT	g	2412	Ant1	94.18	0.26	0.29
NVNT	g	2437	Ant1	94.44	0.25	0.29
NVNT	g	2462	Ant1	94.44	0.25	0.29
NVNT	n20	2412	Ant1	93.44	0.29	0.35
NVNT	n20	2437	Ant1	93.29	0.3	0.35
NVNT	n20	2462	Ant1	93.45	0.29	0.35
NVNT	ax20	2412	Ant1	90.48	0.43	0.51
NVNT	ax20	2437	Ant1	92.01	0.36	0.43
NVNT	ax20	2462	Ant1	92.06	0.36	0.43

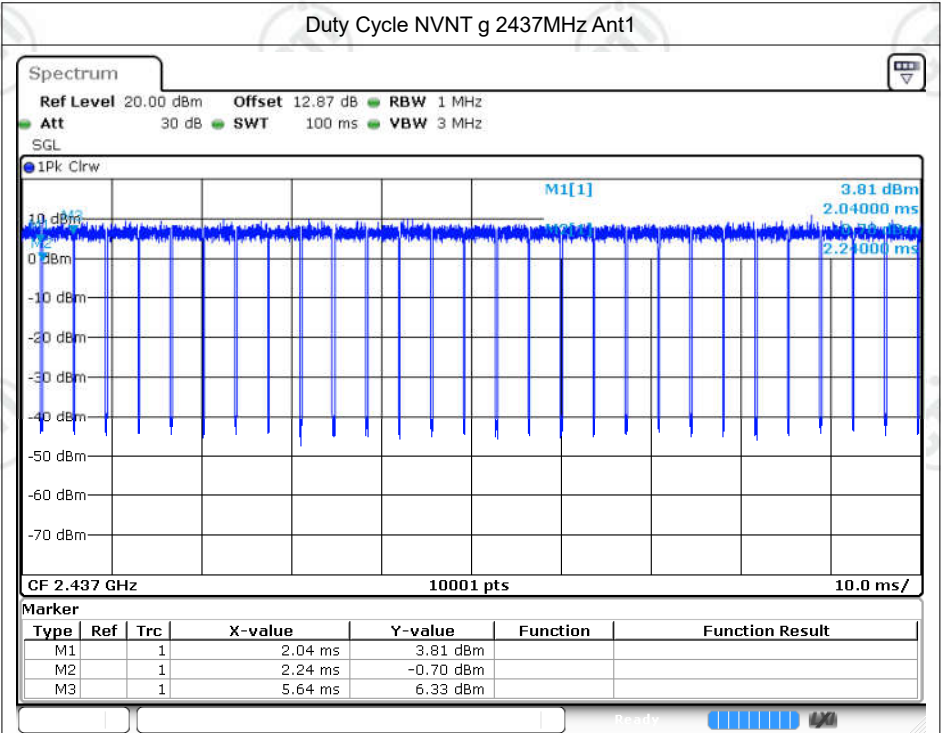




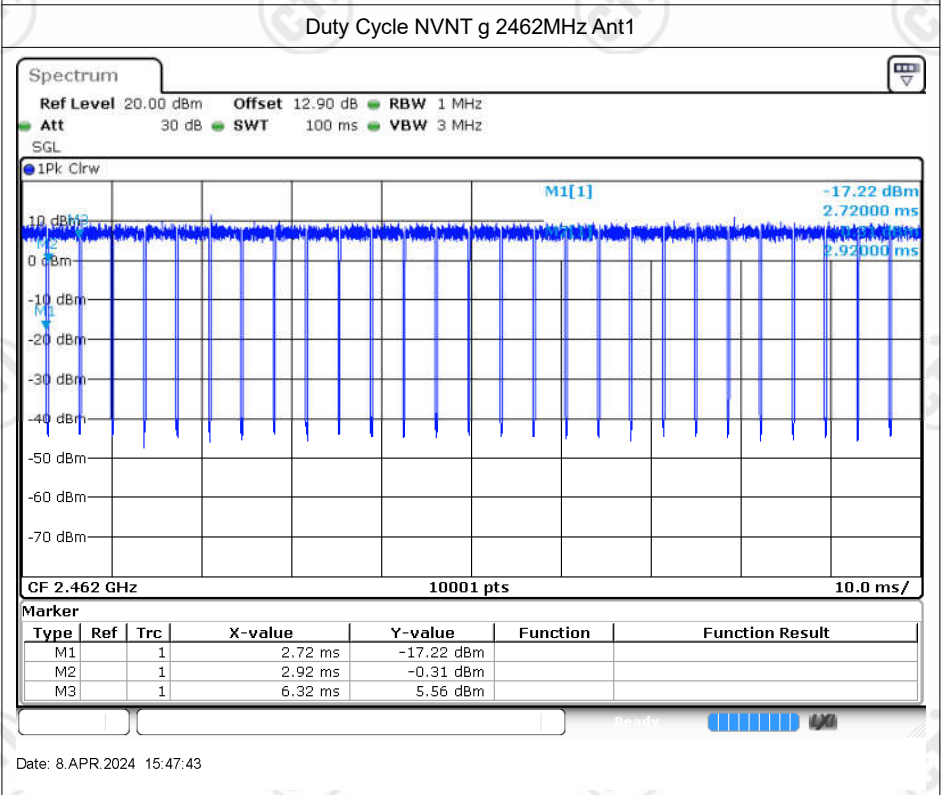
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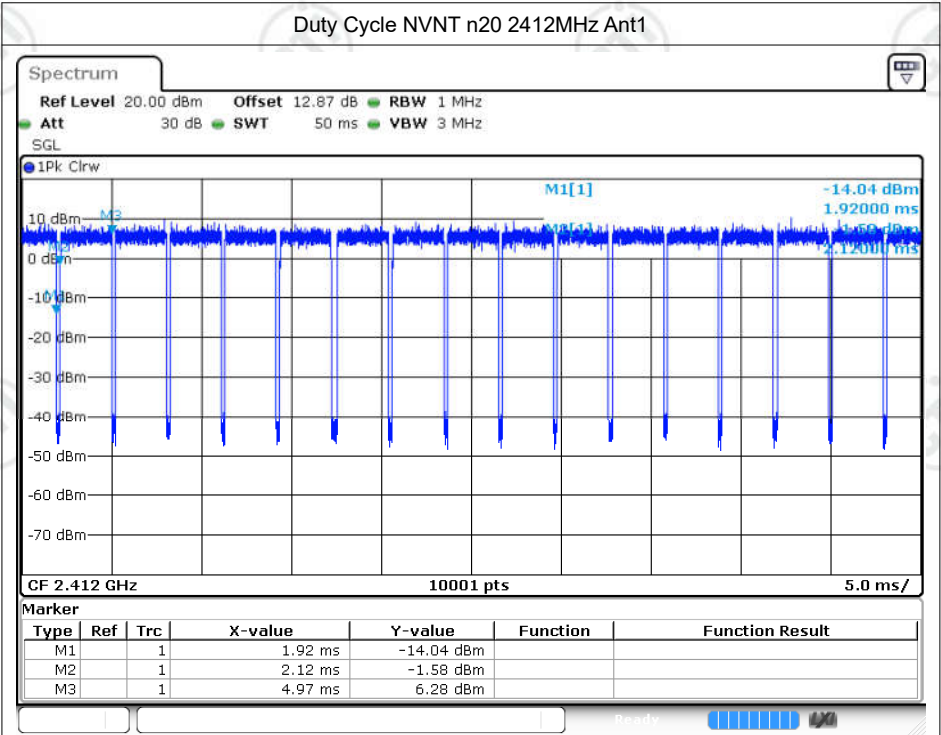
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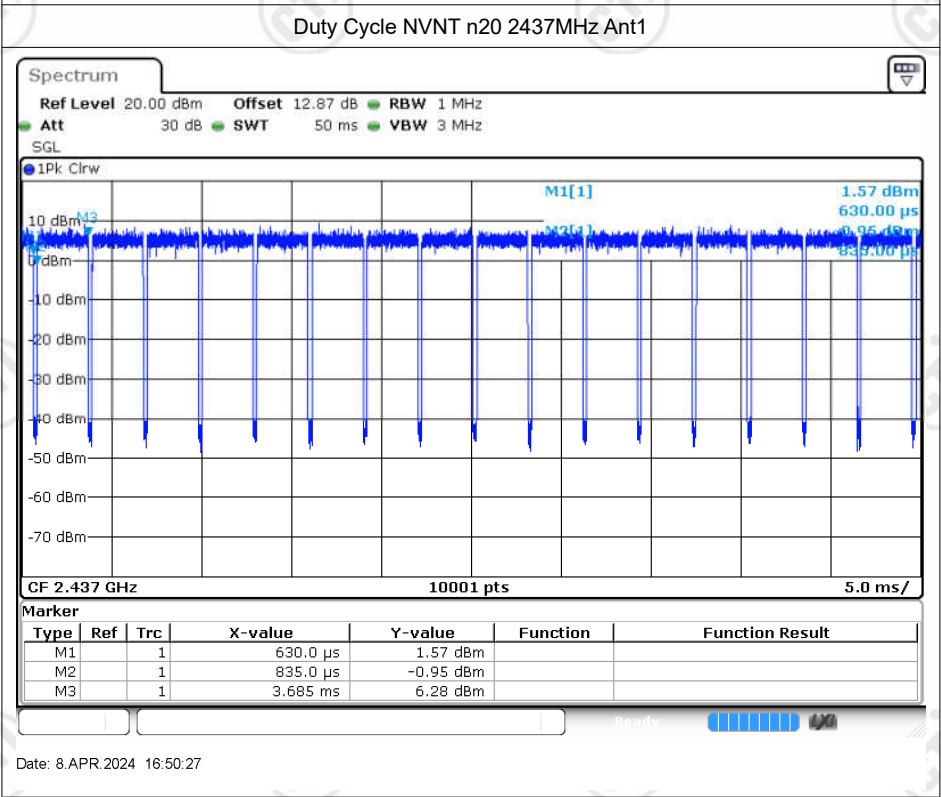
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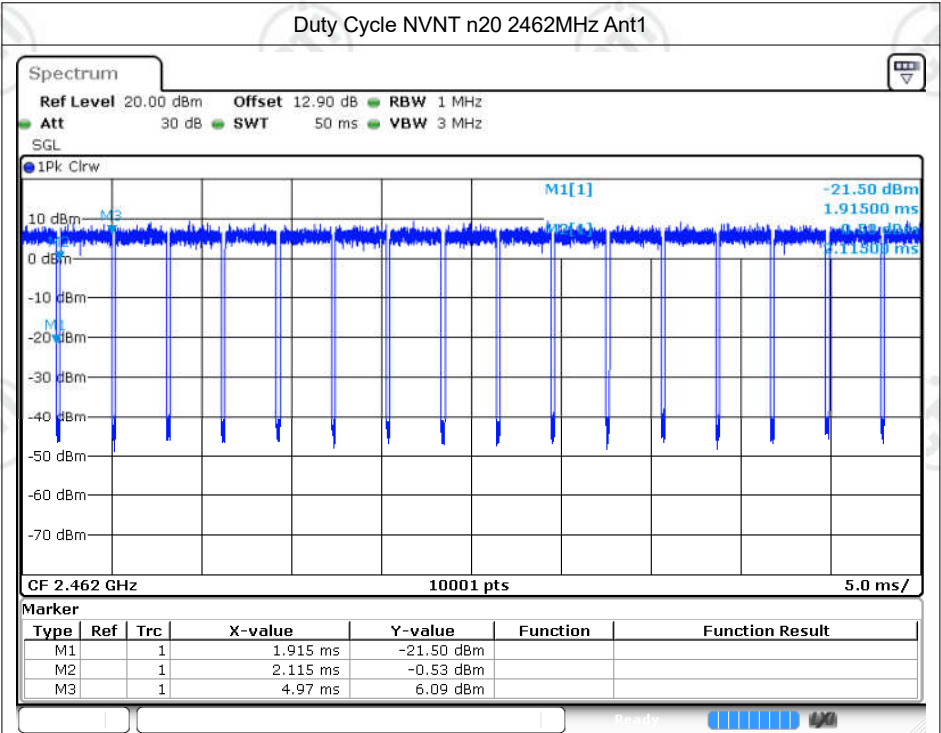
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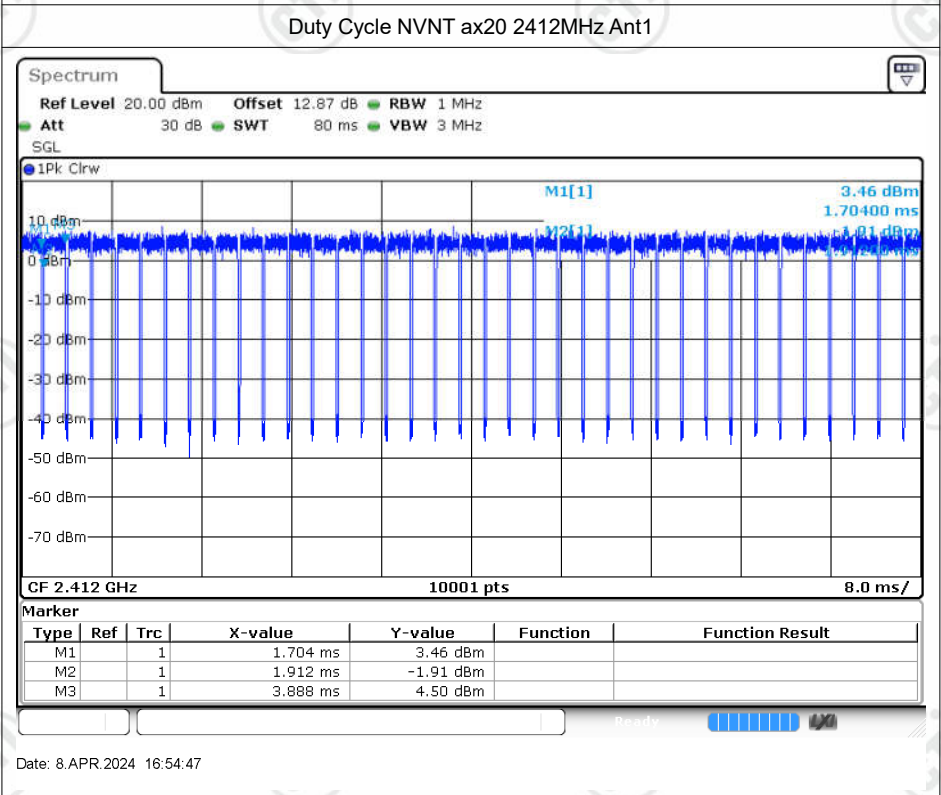
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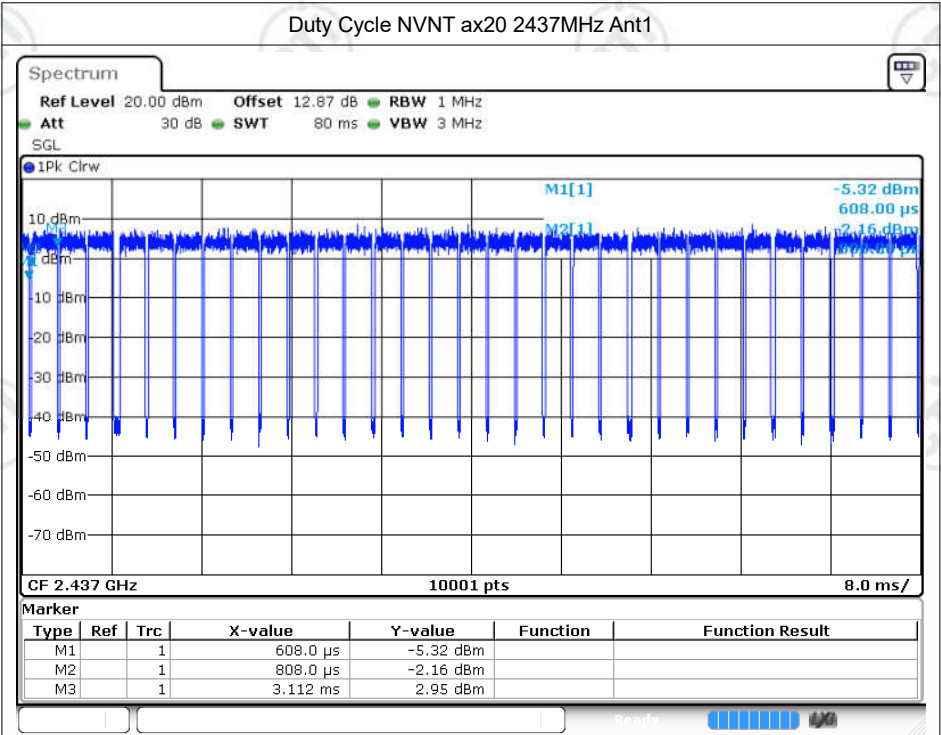
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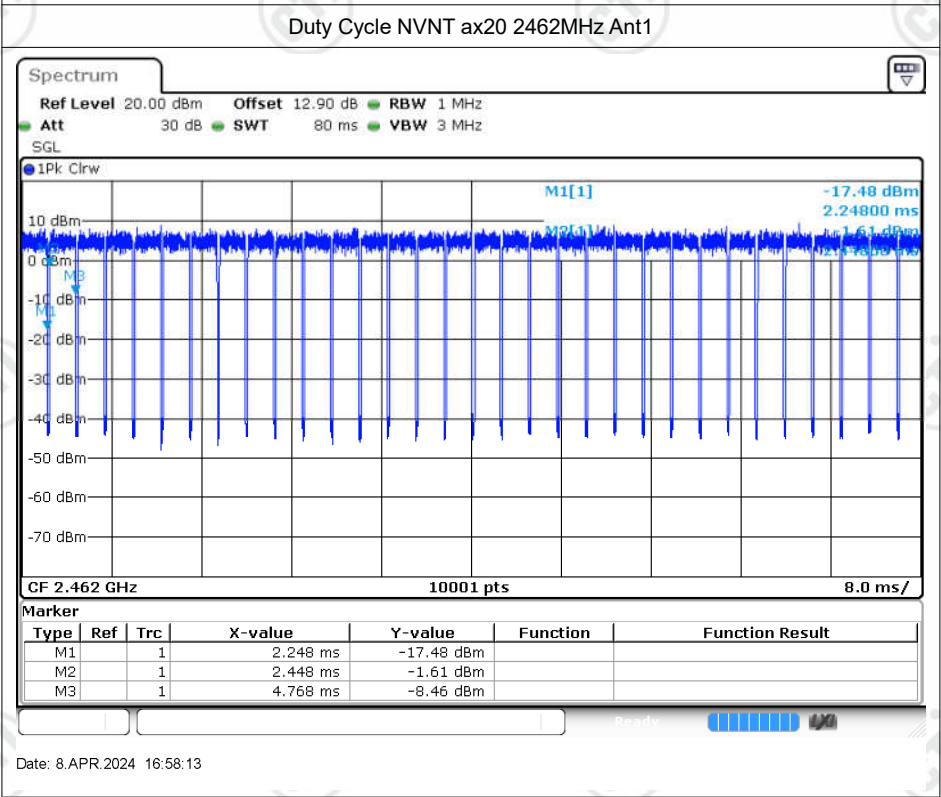
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Date: 8.APR.2024 16:54:47



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Date: 8.APR.2024 16:58:13

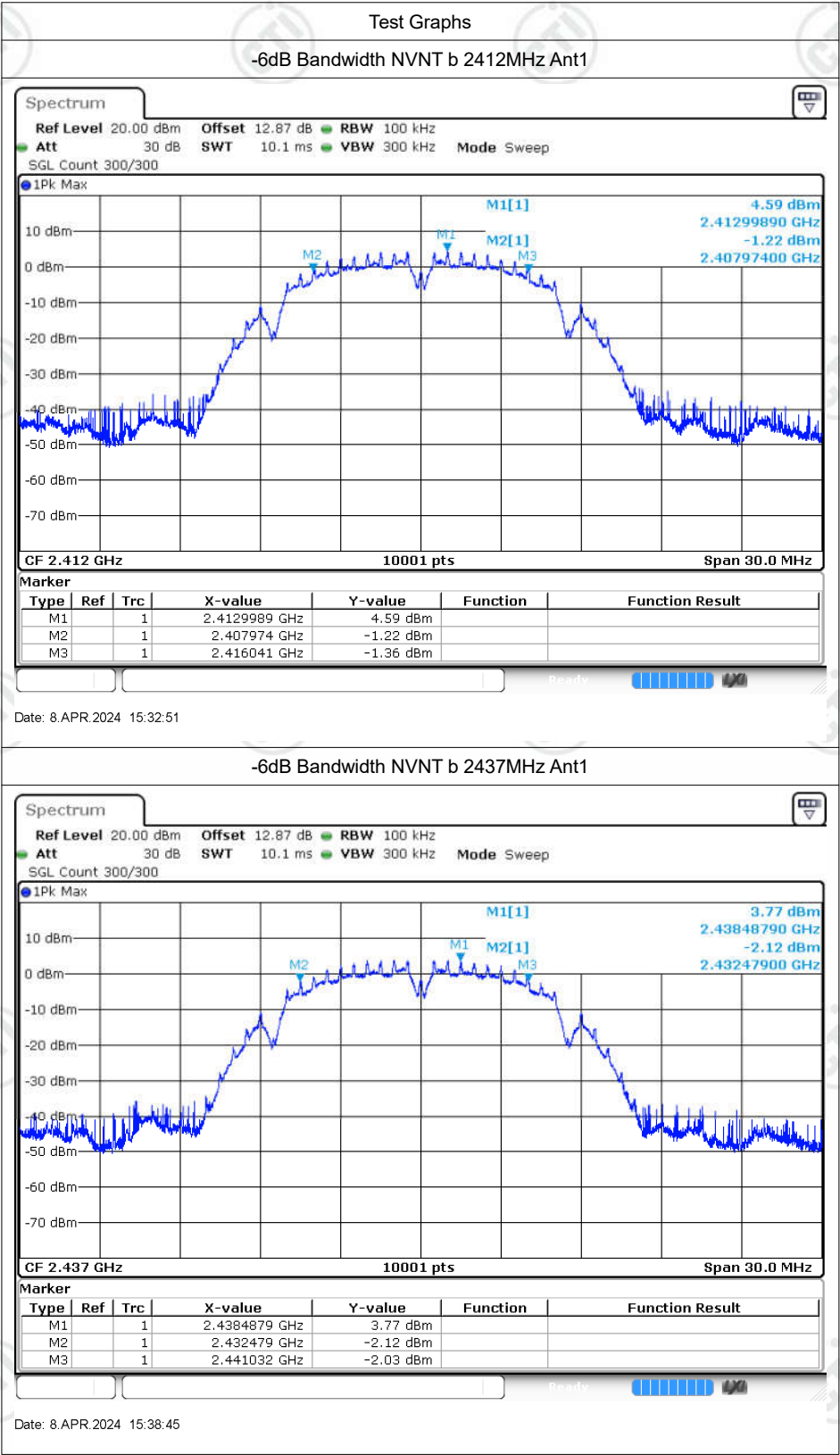
Maximum Peak Conducted Output Power

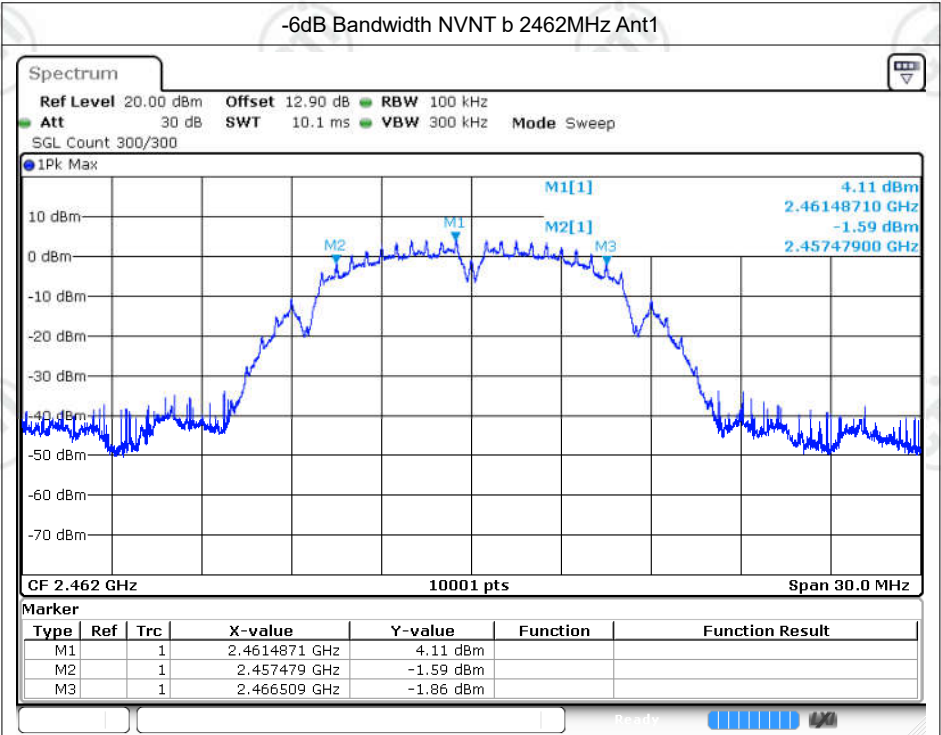
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.03	30	Pass
NVNT	b	2437	Ant1	14.44	30	Pass
NVNT	b	2462	Ant1	14.7	30	Pass
NVNT	g	2412	Ant1	13.23	30	Pass
NVNT	g	2437	Ant1	13.27	30	Pass
NVNT	g	2462	Ant1	13.51	30	Pass
NVNT	n20	2412	Ant1	12.84	30	Pass
NVNT	n20	2437	Ant1	12.53	30	Pass
NVNT	n20	2462	Ant1	12.75	30	Pass
NVNT	ax20	2412	Ant1	10.63	30	Pass
NVNT	ax20	2437	Ant1	10.55	30	Pass
NVNT	ax20	2462	Ant1	10.82	30	Pass

Note:Conducted Power has been added Duty Cycle Correction Factor.

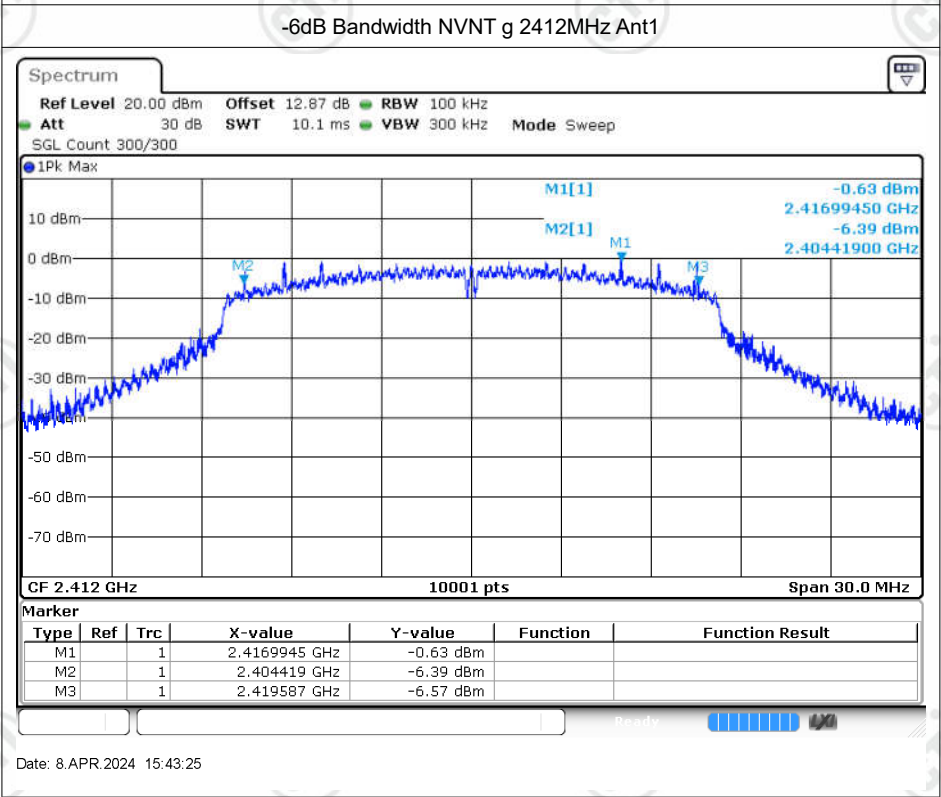
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.067	0.5	Pass
NVNT	b	2437	Ant1	8.553	0.5	Pass
NVNT	b	2462	Ant1	9.03	0.5	Pass
NVNT	g	2412	Ant1	15.168	0.5	Pass
NVNT	g	2437	Ant1	15.147	0.5	Pass
NVNT	g	2462	Ant1	15.108	0.5	Pass
NVNT	n20	2412	Ant1	15.165	0.5	Pass
NVNT	n20	2437	Ant1	15.171	0.5	Pass
NVNT	n20	2462	Ant1	15.168	0.5	Pass
NVNT	ax20	2412	Ant1	16.374	0.5	Pass
NVNT	ax20	2437	Ant1	15.351	0.5	Pass
NVNT	ax20	2462	Ant1	15.318	0.5	Pass

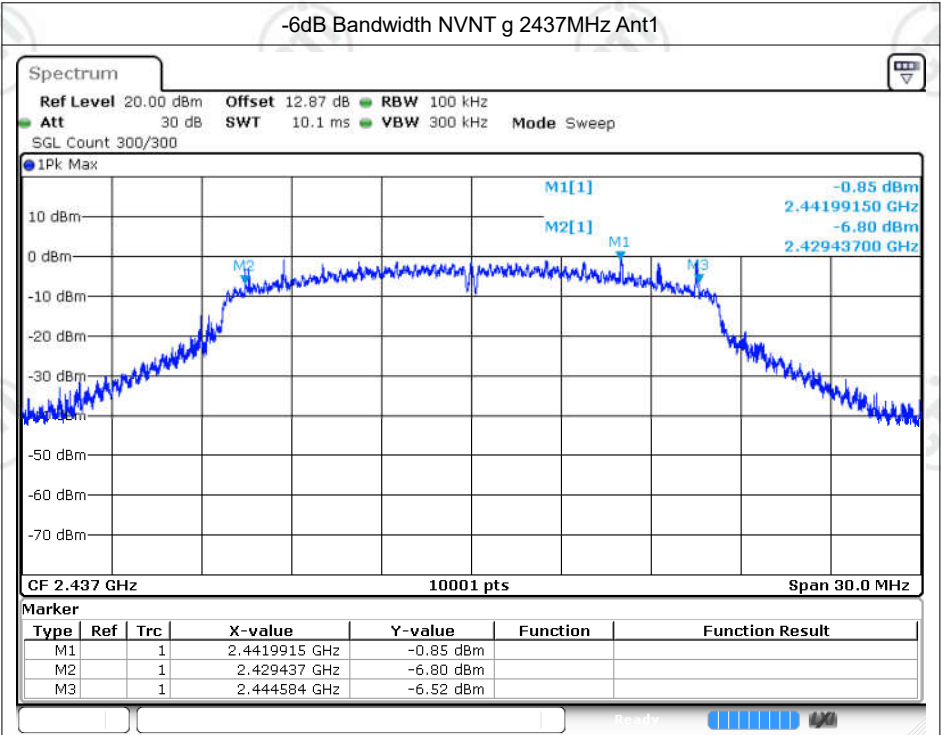




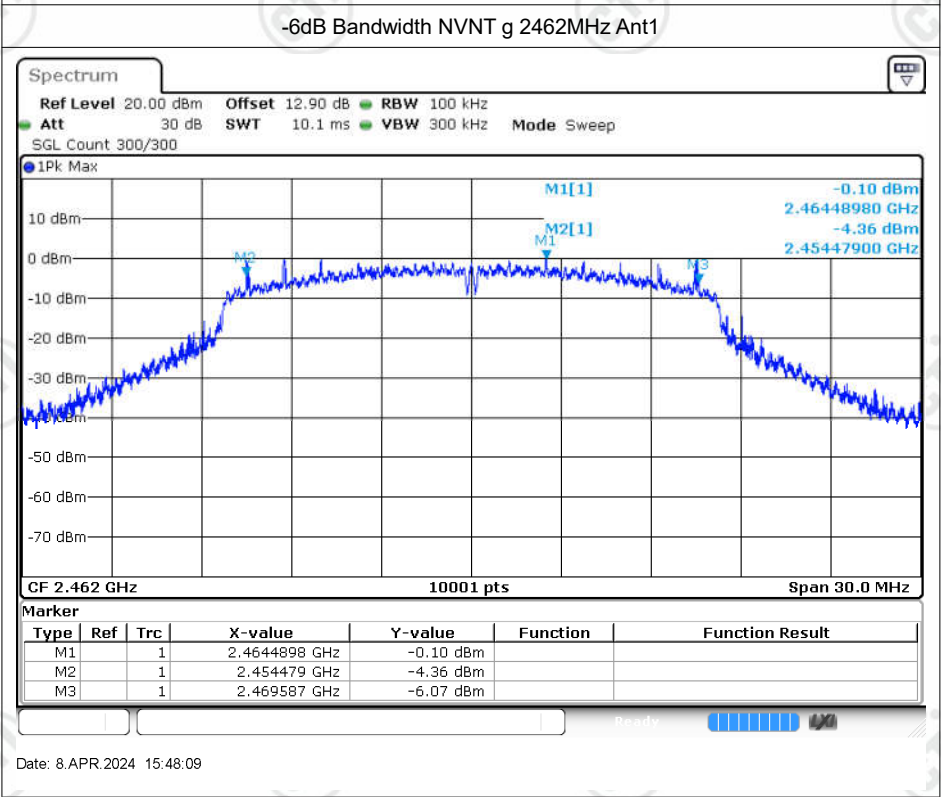
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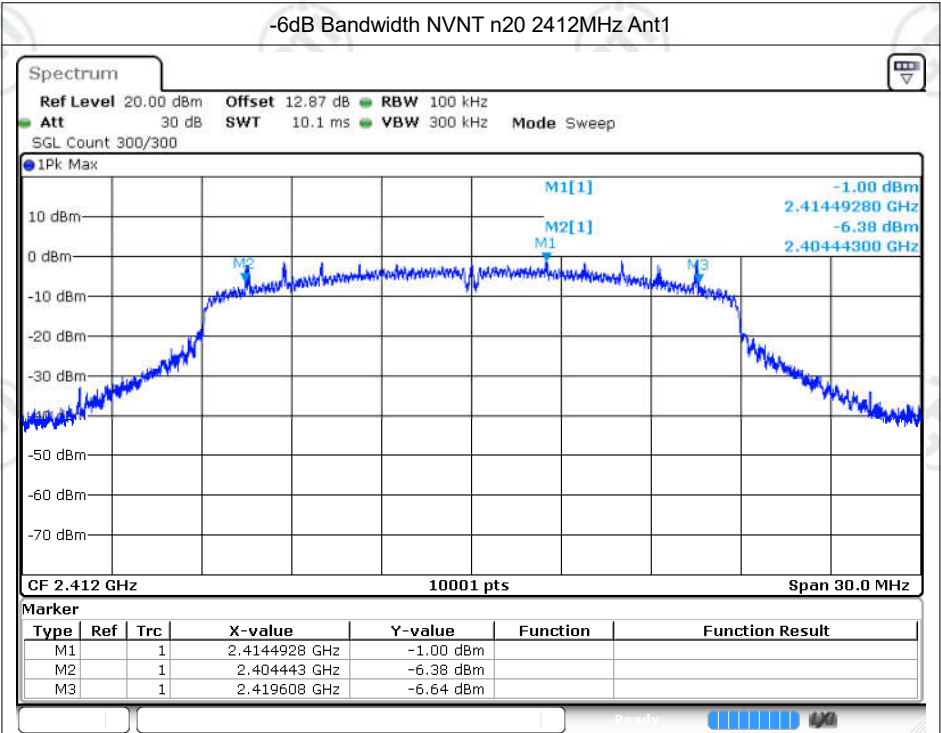
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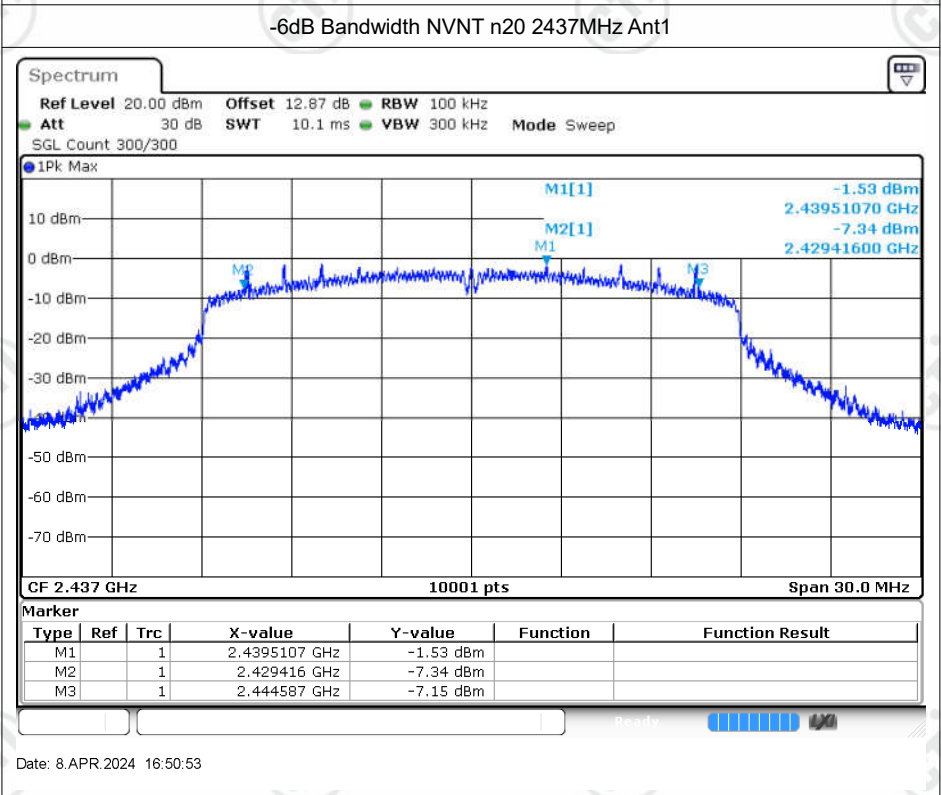
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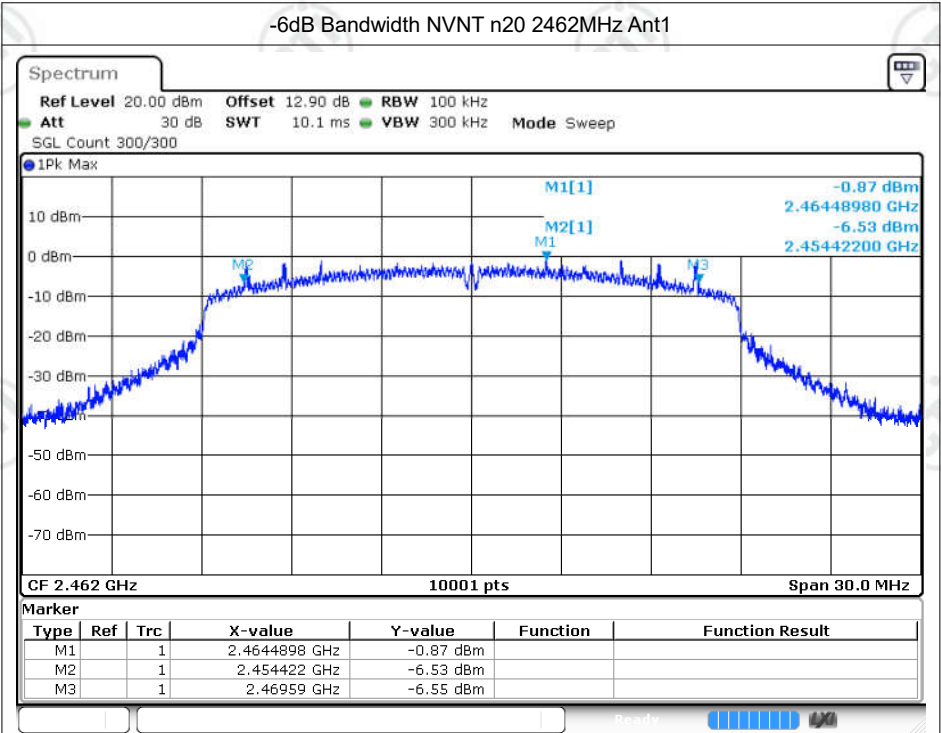
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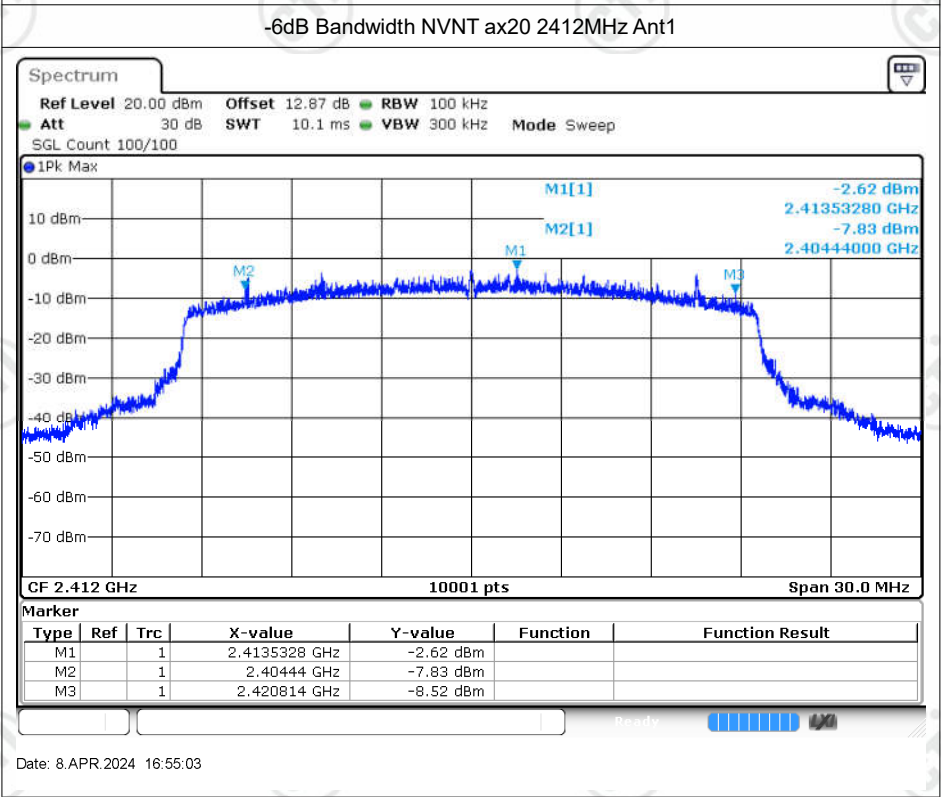
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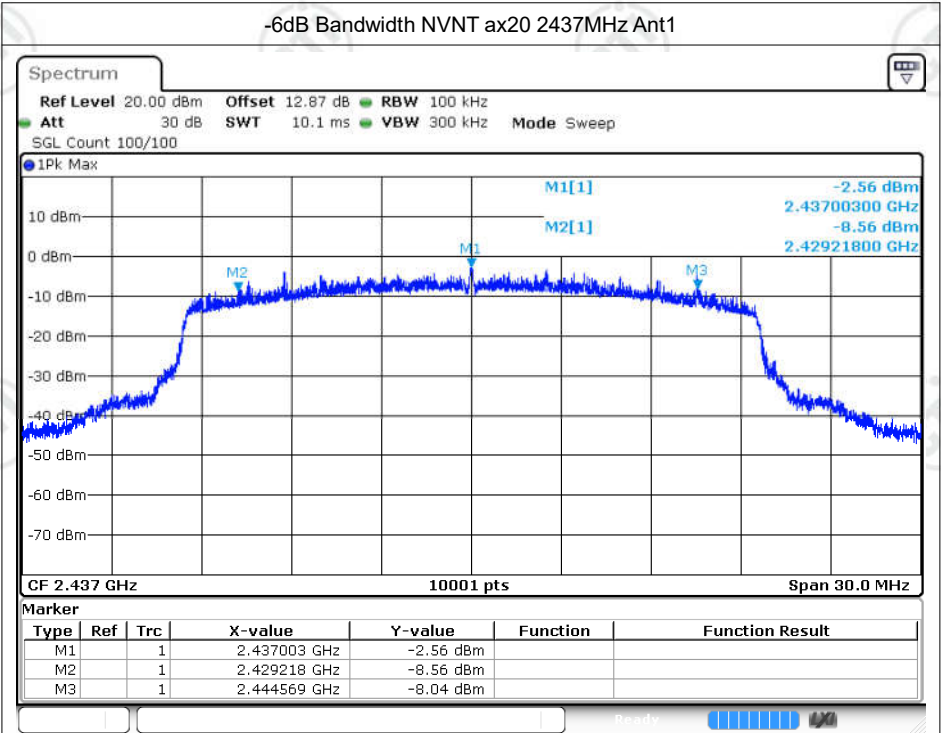
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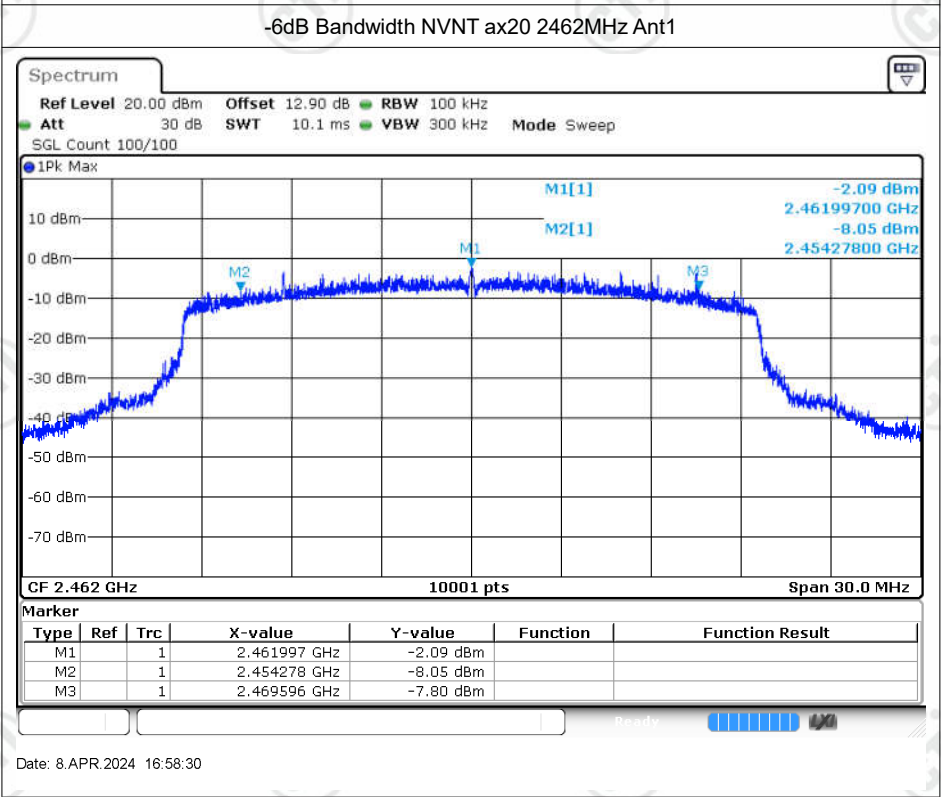
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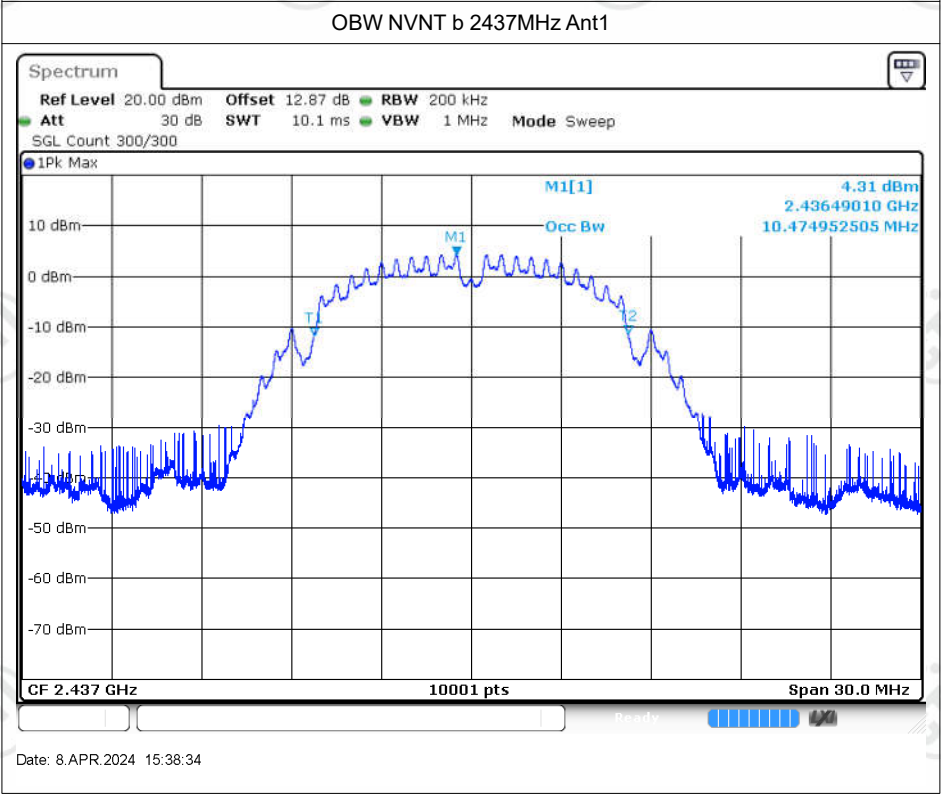
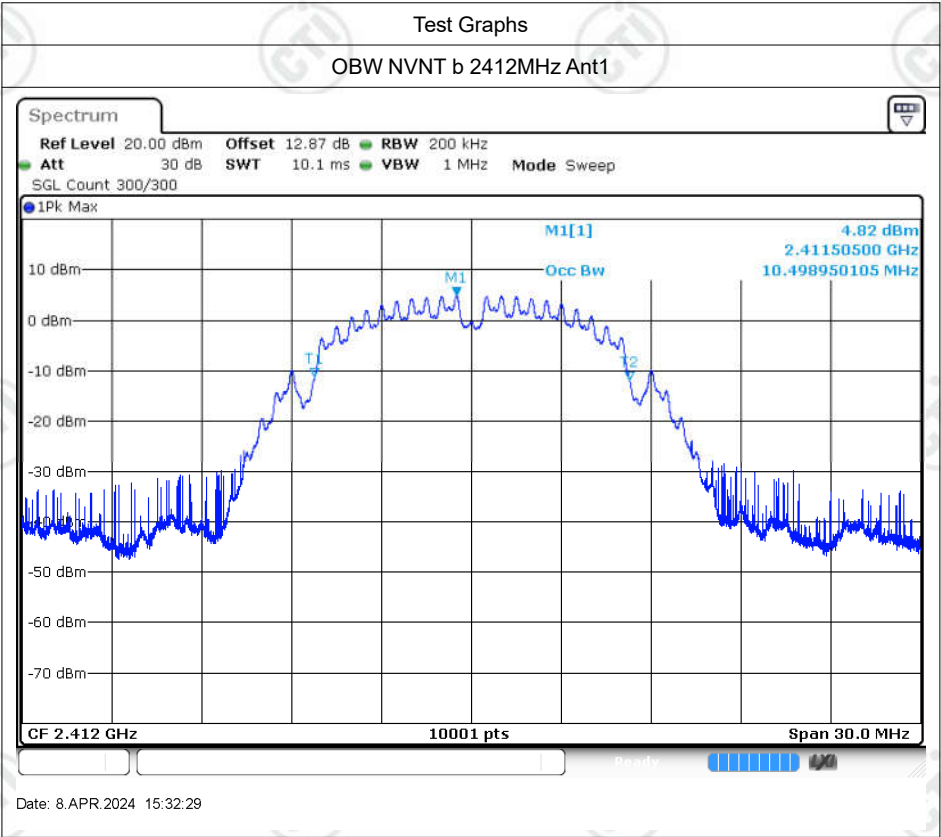
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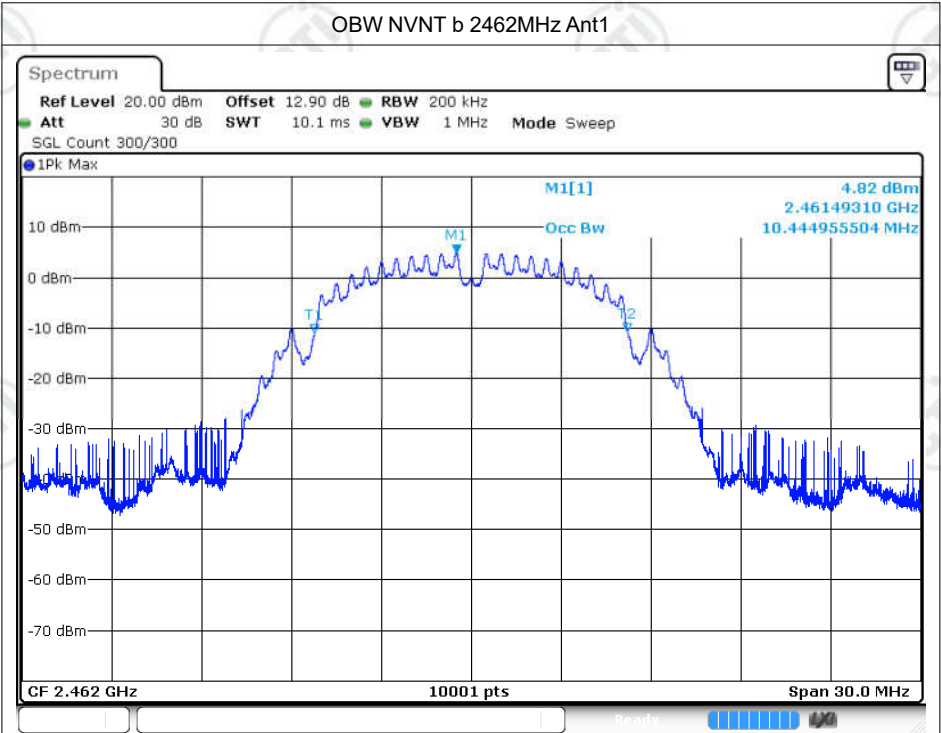


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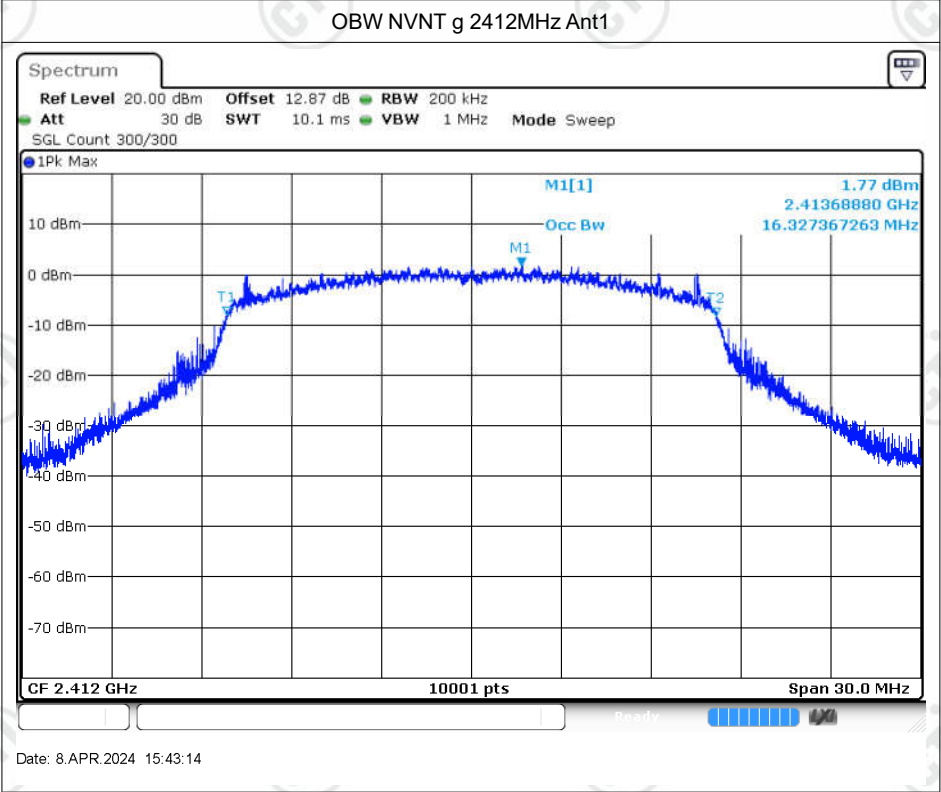
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	10.499
NVNT	b	2437	Ant1	10.475
NVNT	b	2462	Ant1	10.445
NVNT	g	2412	Ant1	16.327
NVNT	g	2437	Ant1	16.315
NVNT	g	2462	Ant1	16.312
NVNT	n20	2412	Ant1	17.368
NVNT	n20	2437	Ant1	17.362
NVNT	n20	2462	Ant1	17.359
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NVNT	ax20	2437	Ant1	18.655
NVNT	ax20	2462	Ant1	18.619

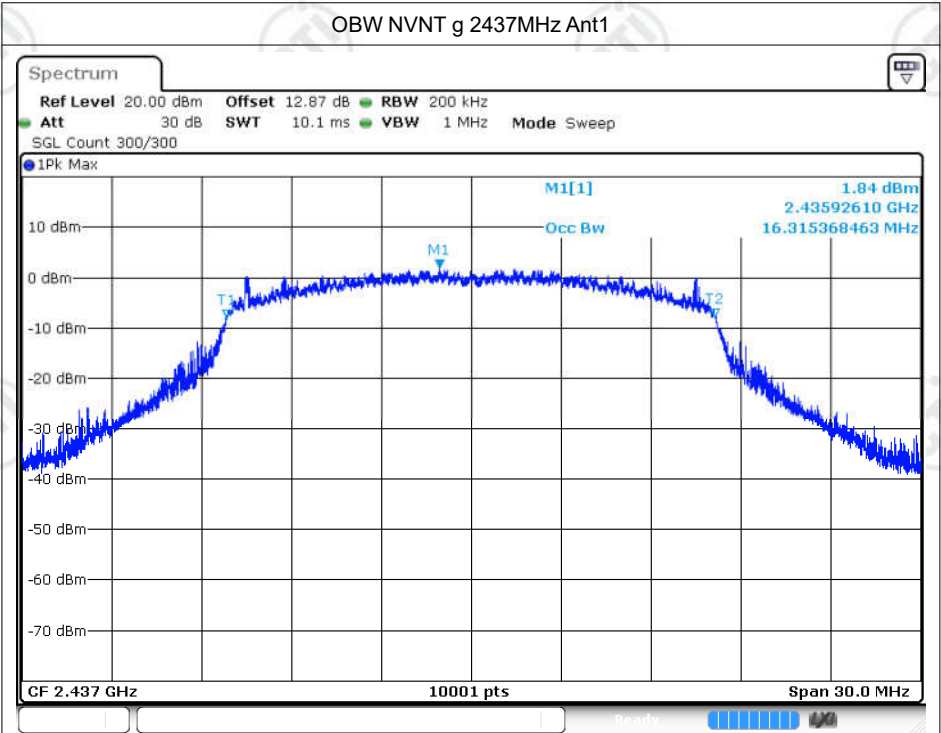




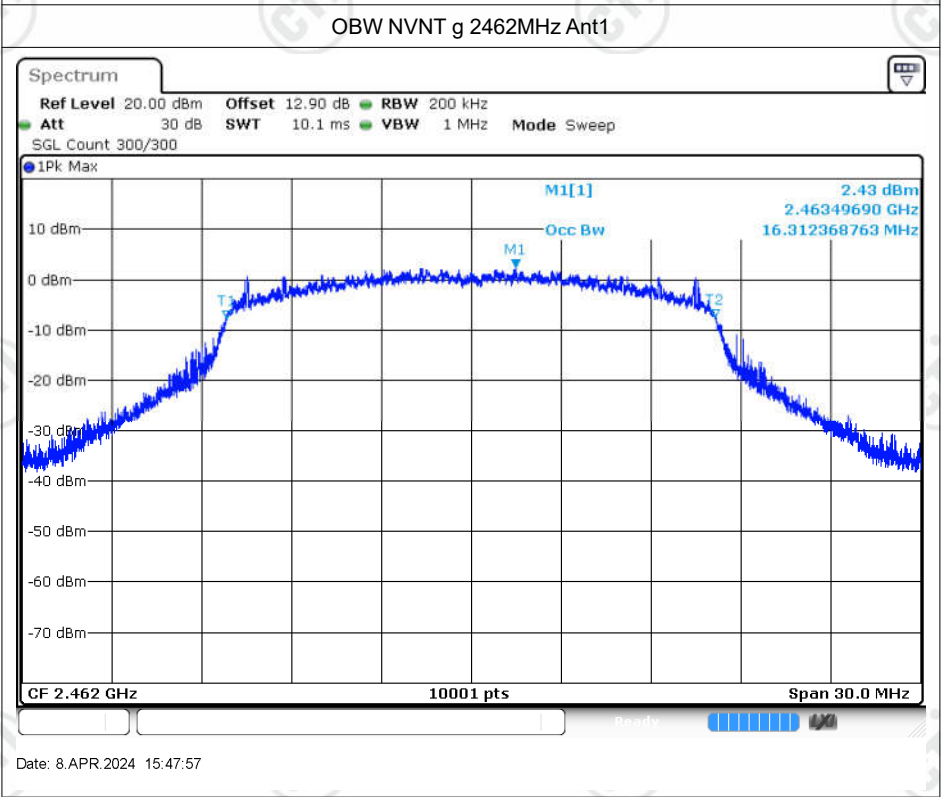
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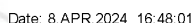
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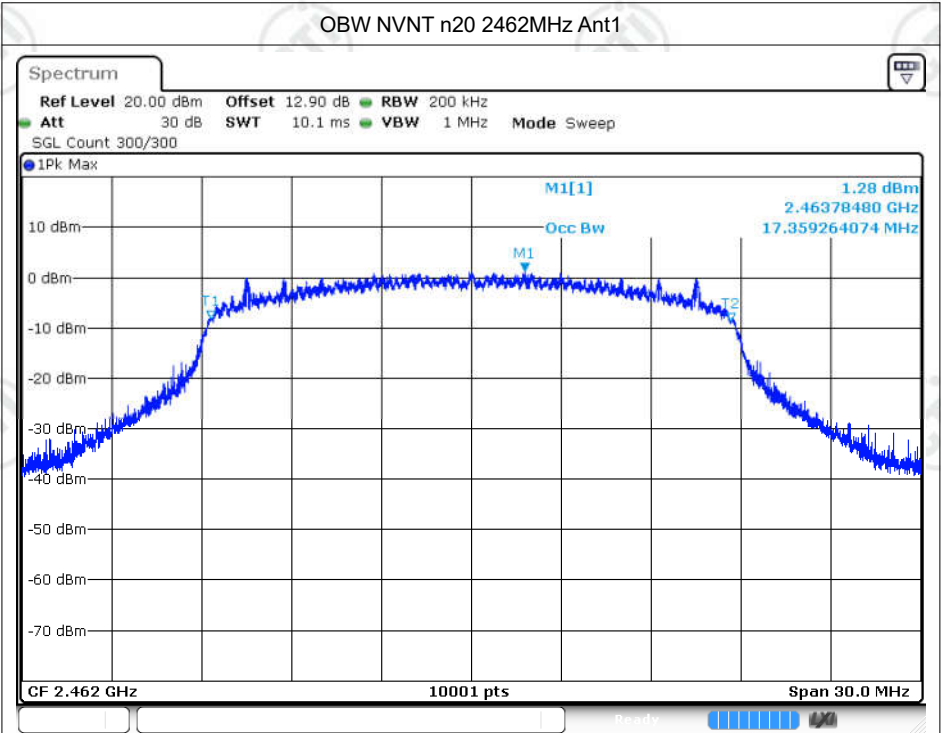


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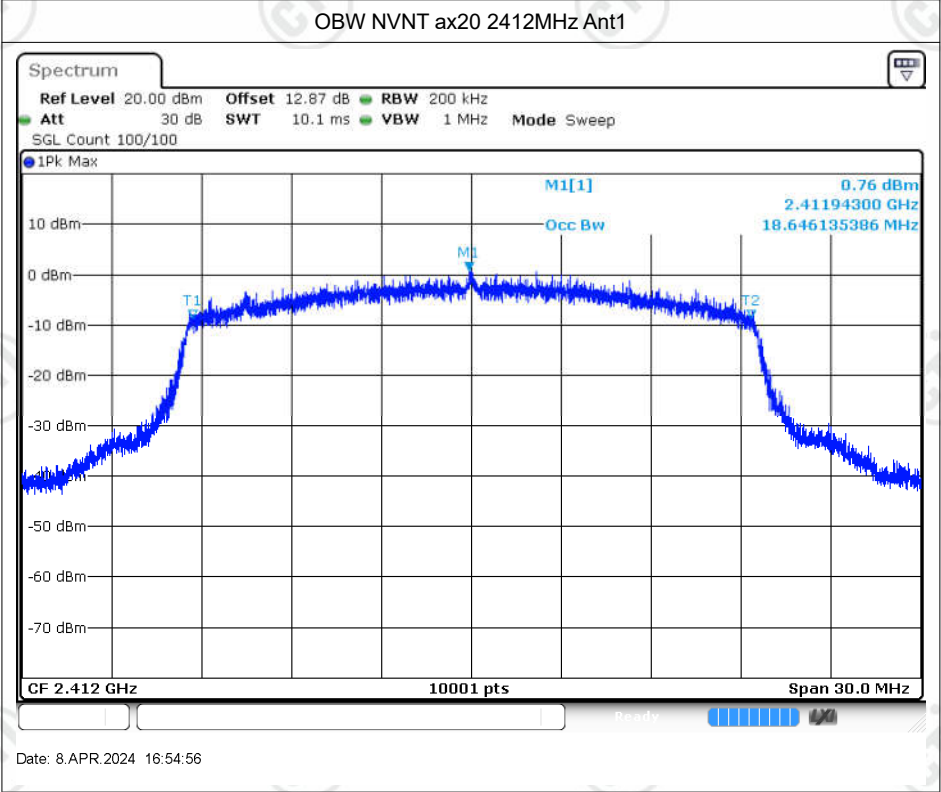


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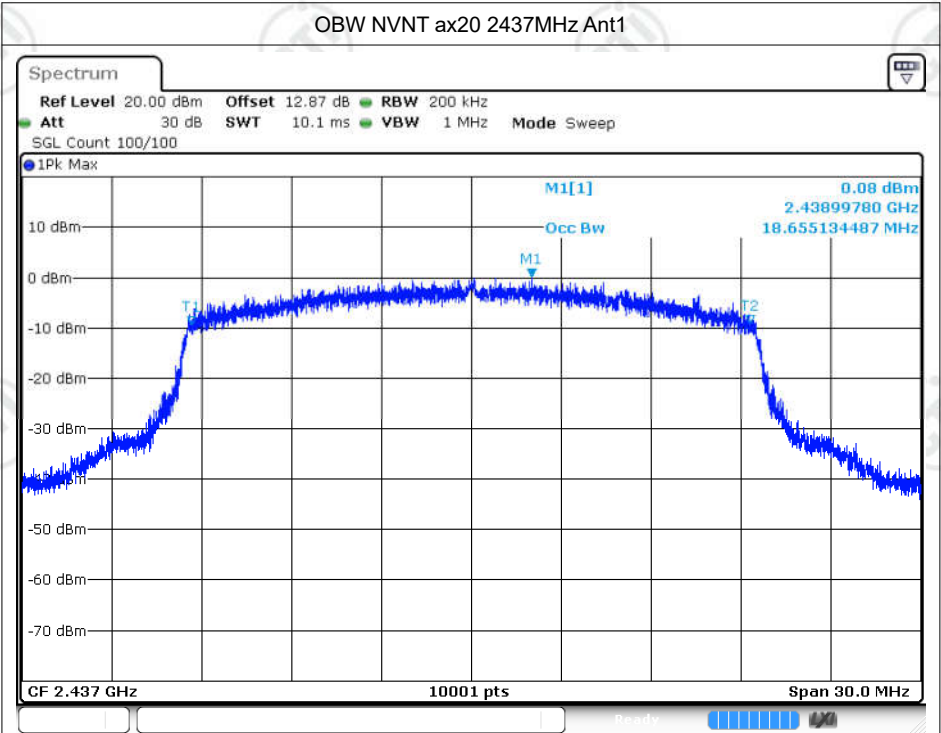




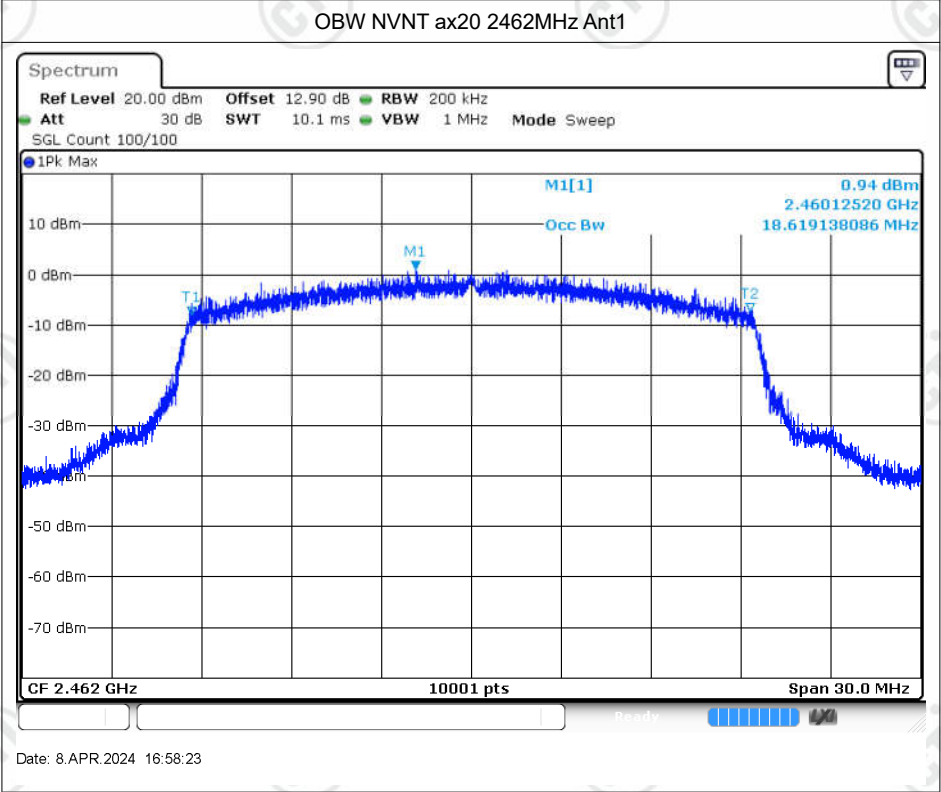
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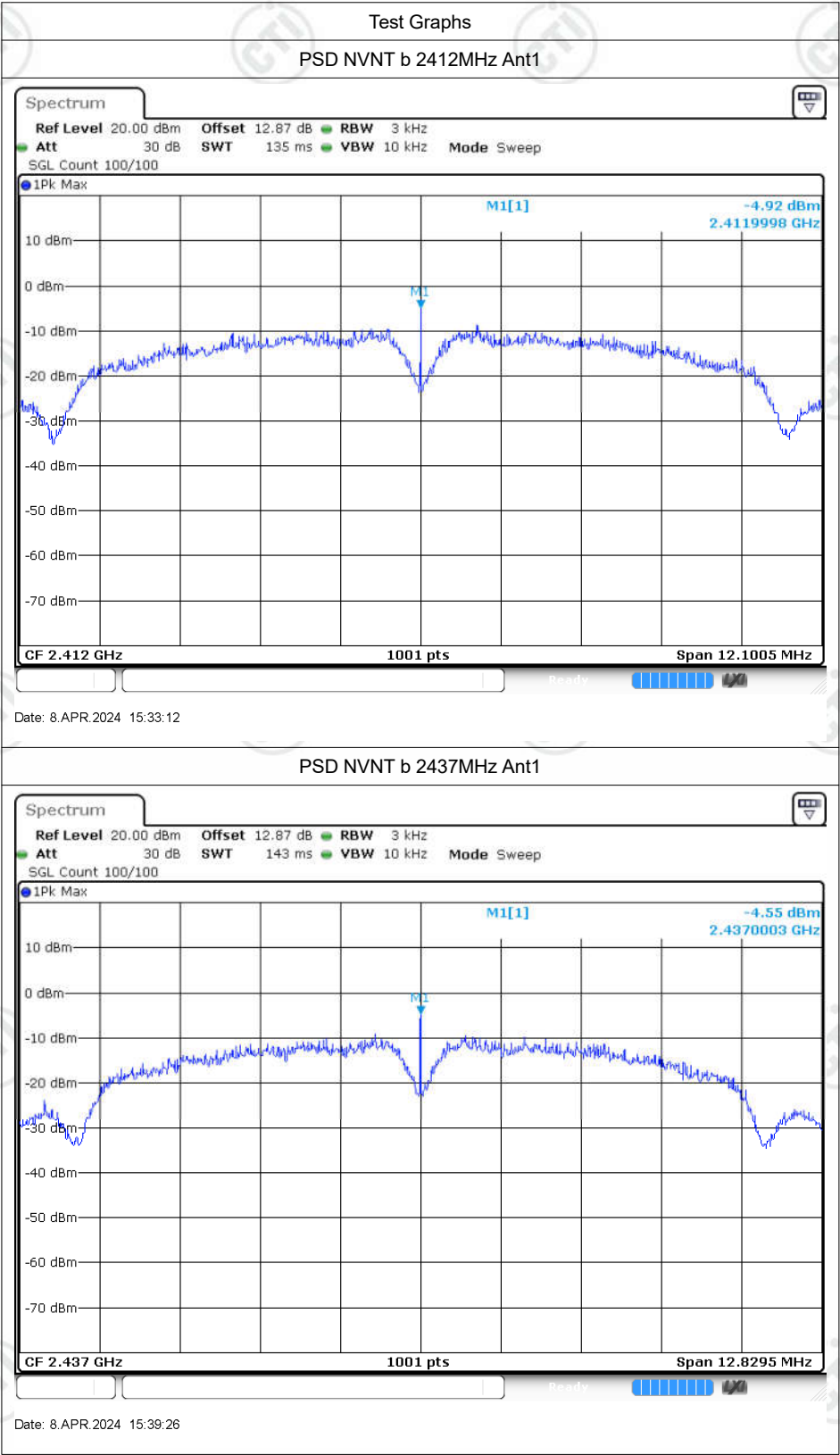
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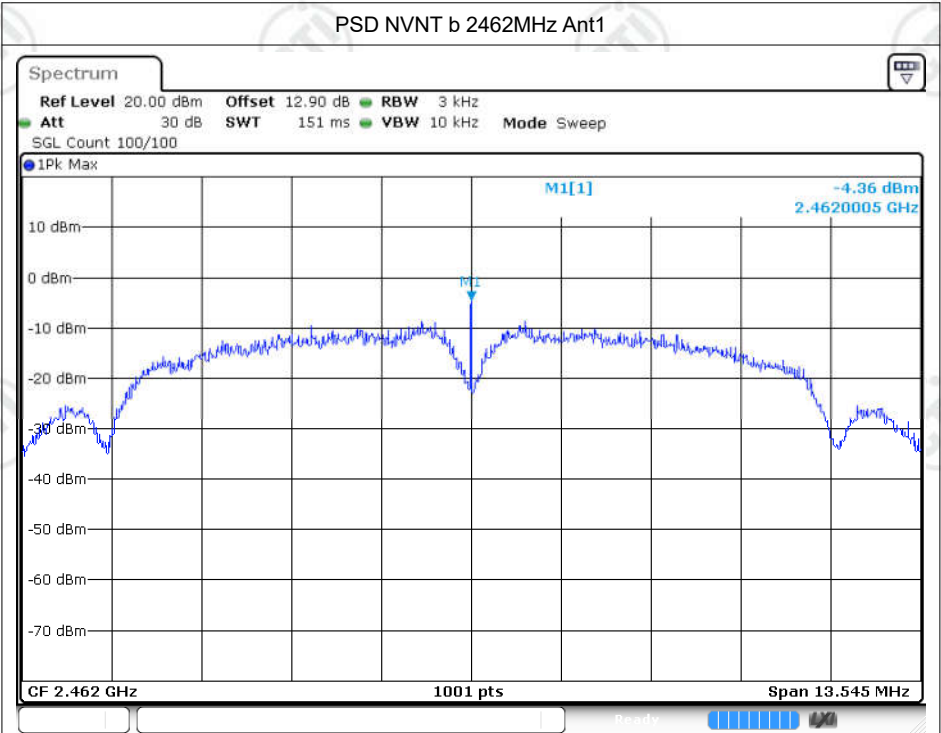


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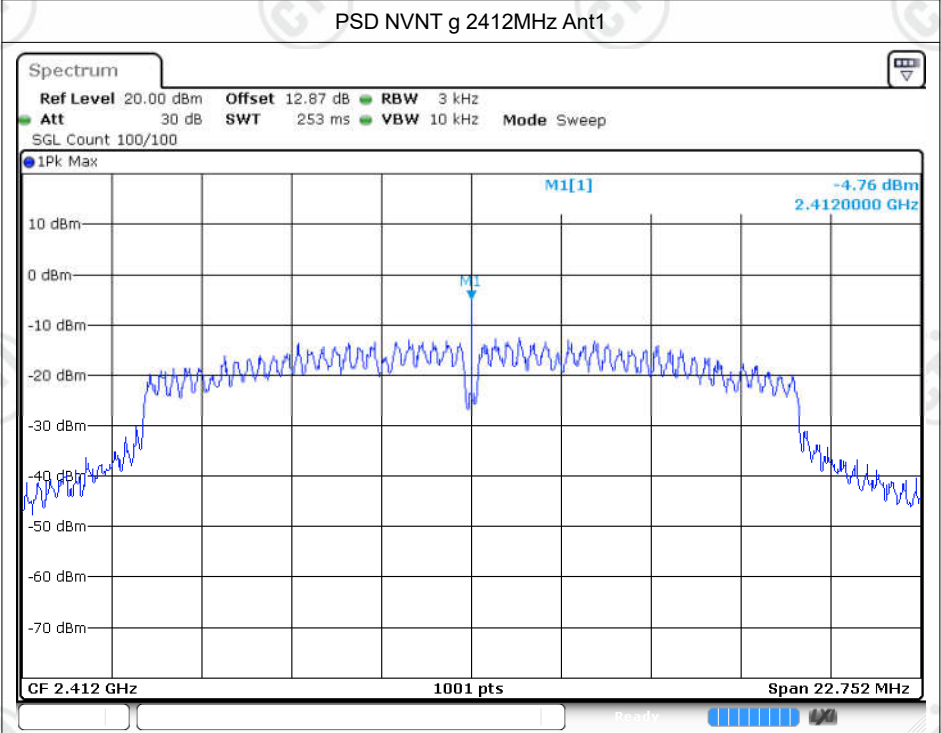
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-4.92	8	Pass
NVNT	b	2437	Ant1	-4.55	8	Pass
NVNT	b	2462	Ant1	-4.36	8	Pass
NVNT	g	2412	Ant1	-4.76	8	Pass
NVNT	g	2437	Ant1	-4.78	8	Pass
NVNT	g	2462	Ant1	-4.22	8	Pass
NVNT	n20	2412	Ant1	-4.53	8	Pass
NVNT	n20	2437	Ant1	-4.46	8	Pass
NVNT	n20	2462	Ant1	-4.4	8	Pass
NVNT	ax20	2412	Ant1	-4.89	8	Pass
NVNT	ax20	2437	Ant1	-4.87	8	Pass
NVNT	ax20	2462	Ant1	-4.18	8	Pass

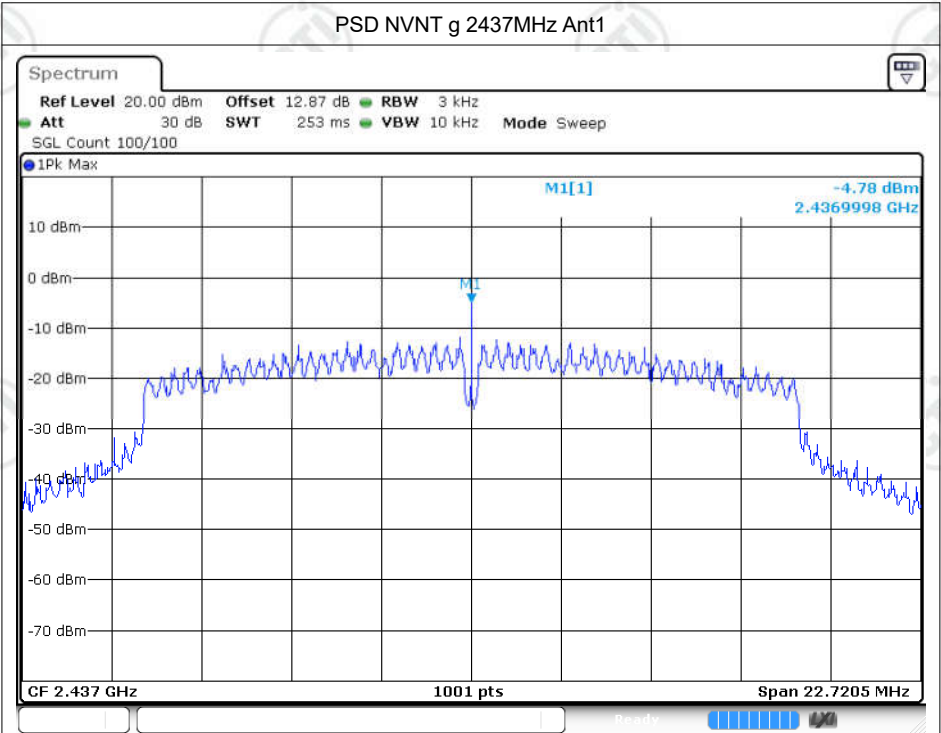




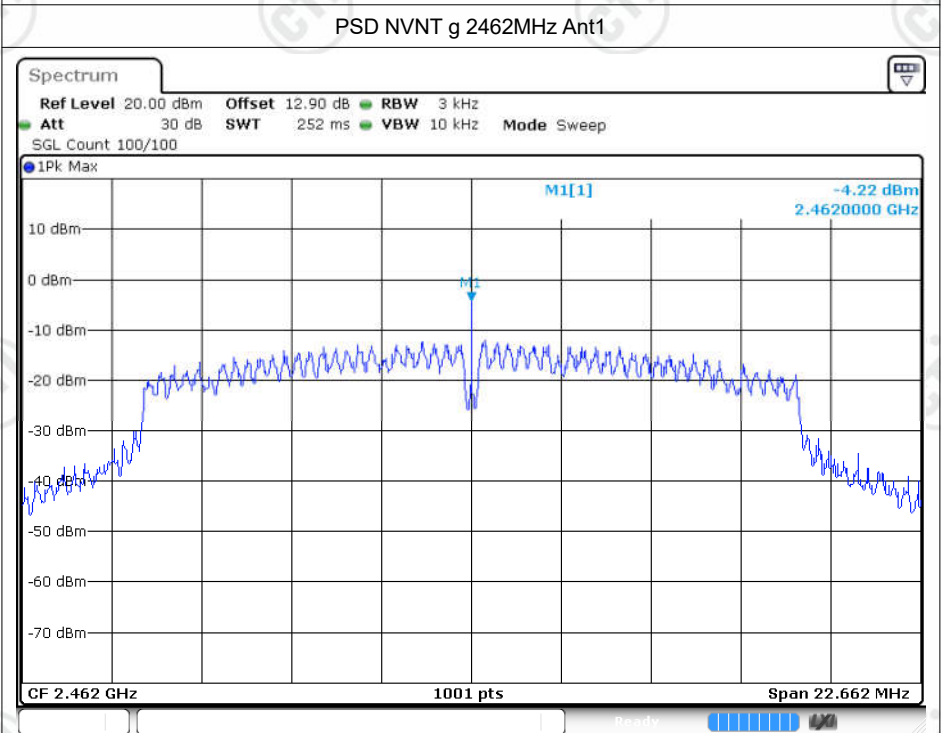
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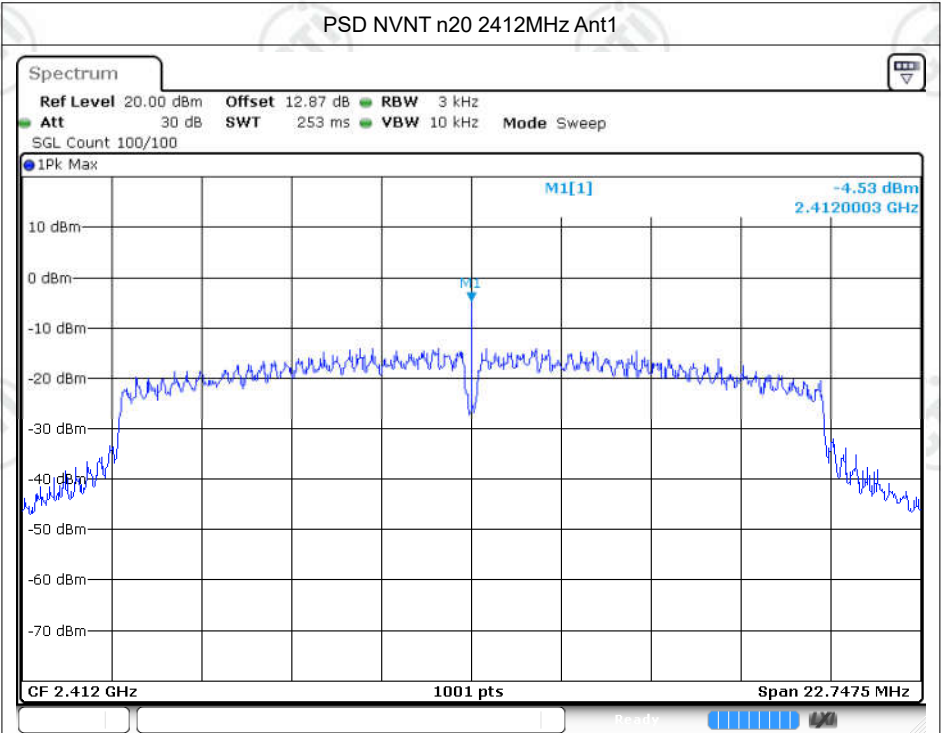
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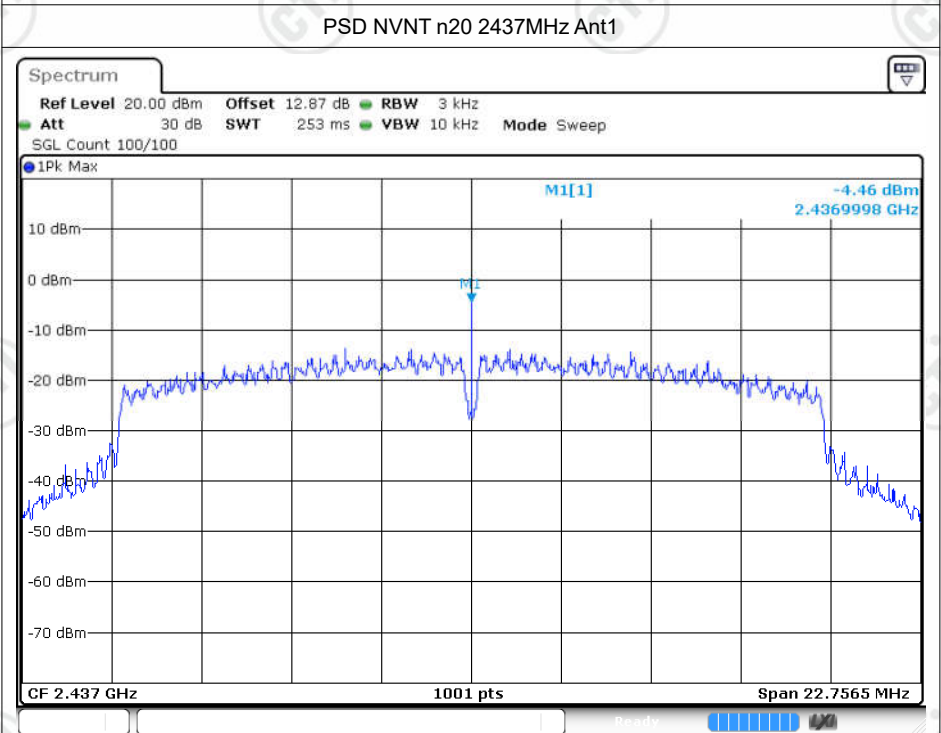
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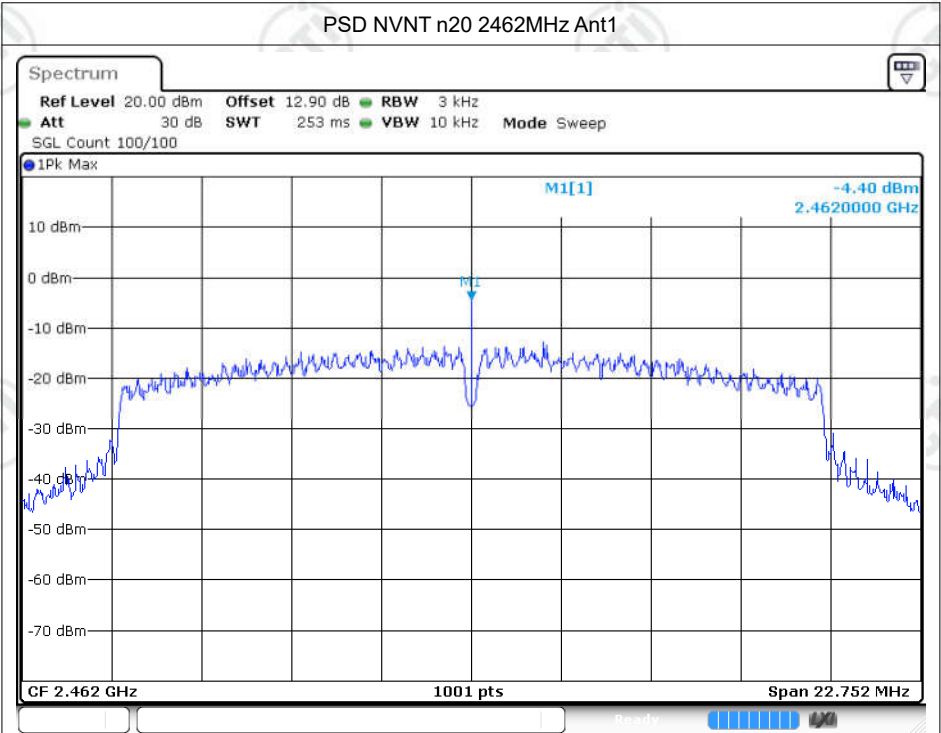
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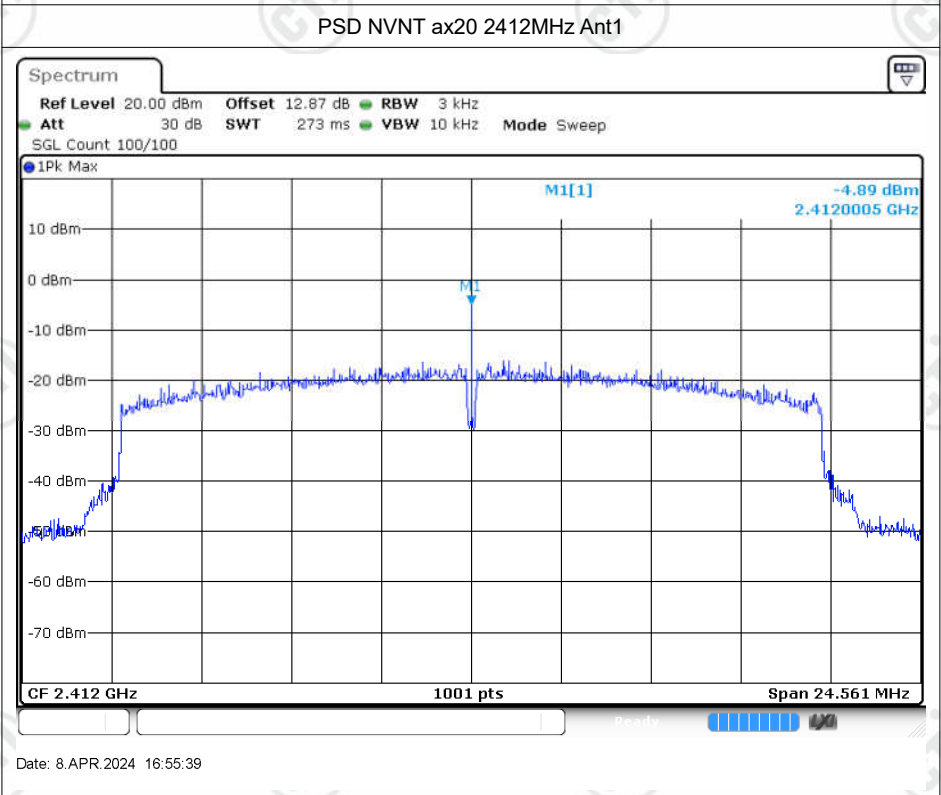
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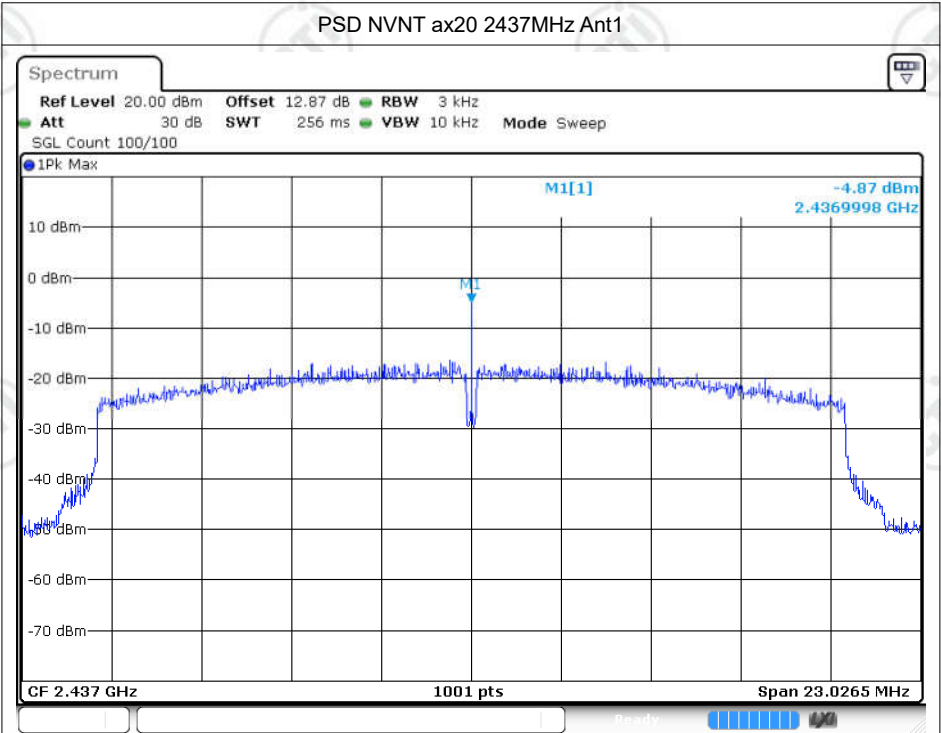
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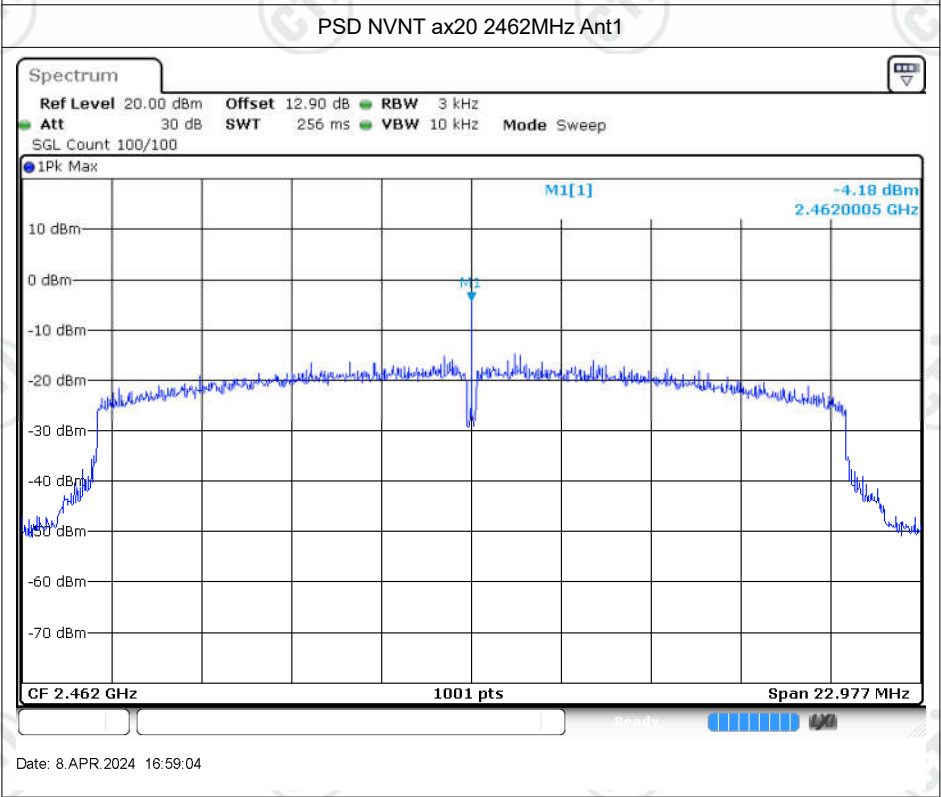
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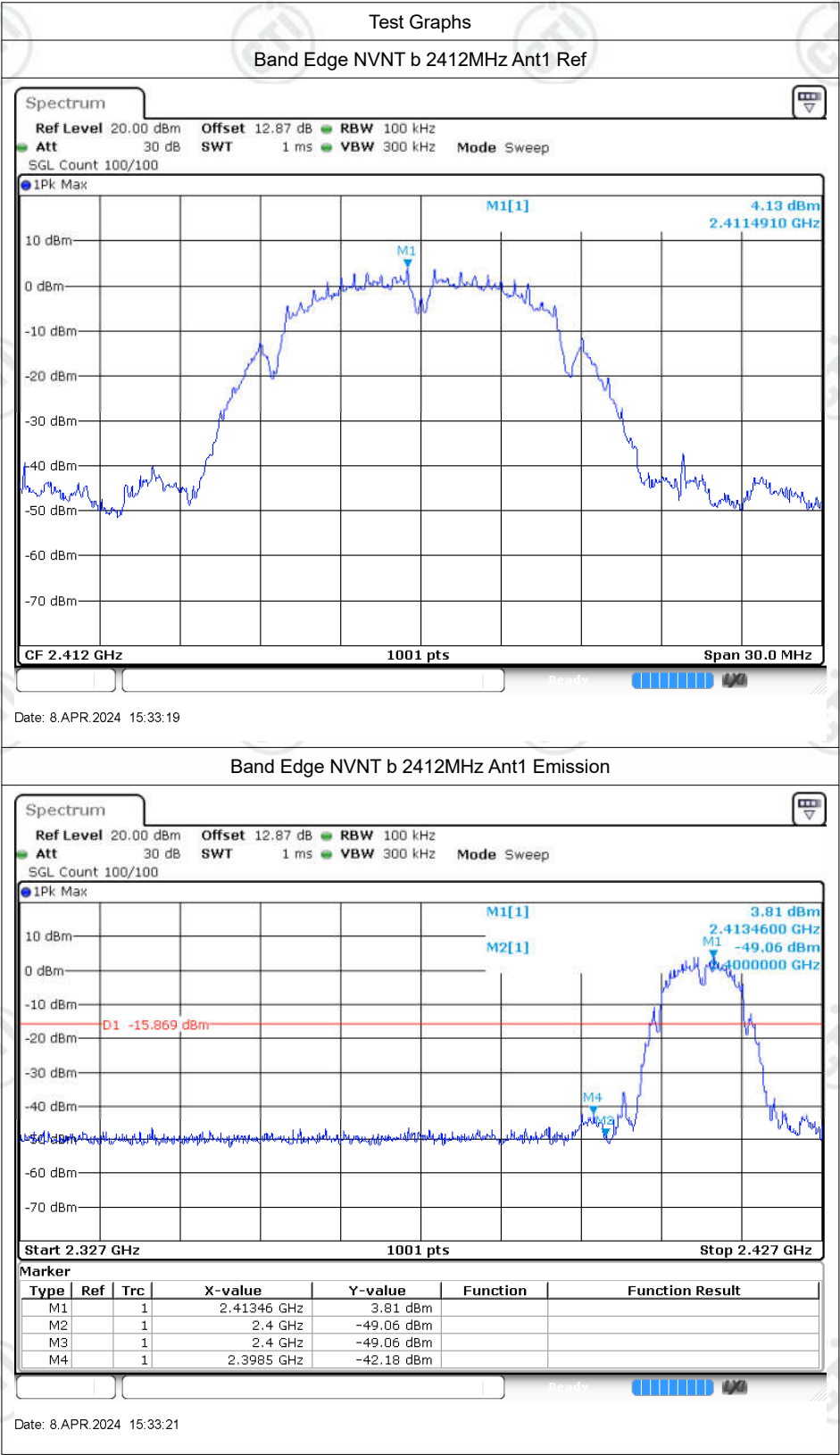
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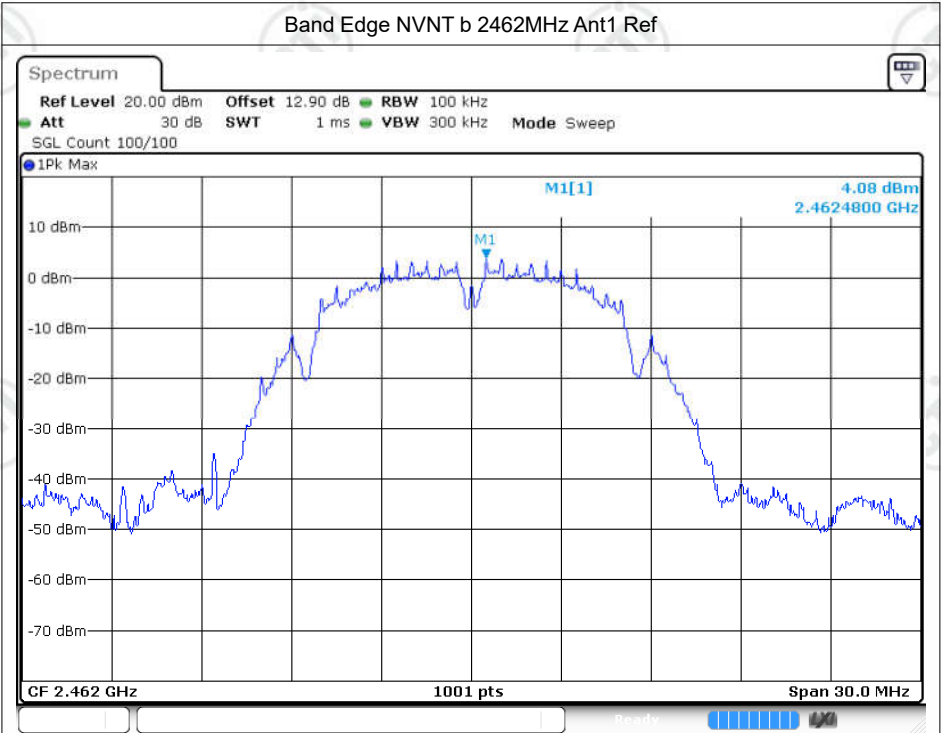


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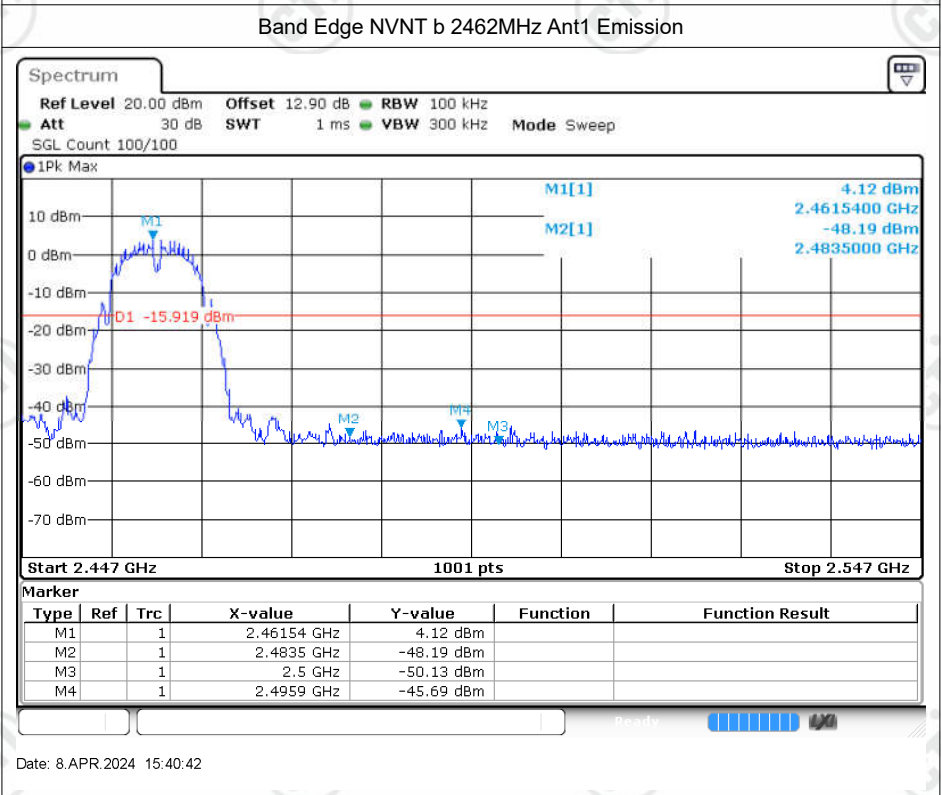
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-46.3	-20	Pass
NVNT	b	2462	Ant1	-49.77	-20	Pass
NVNT	g	2412	Ant1	-30.65	-20	Pass
NVNT	g	2462	Ant1	-44.91	-20	Pass
NVNT	n20	2412	Ant1	-34.24	-20	Pass
NVNT	n20	2462	Ant1	-42.62	-20	Pass
NVNT	ax20	2412	Ant1	-33.66	-20	Pass
NVNT	ax20	2462	Ant1	-43.9	-20	Pass

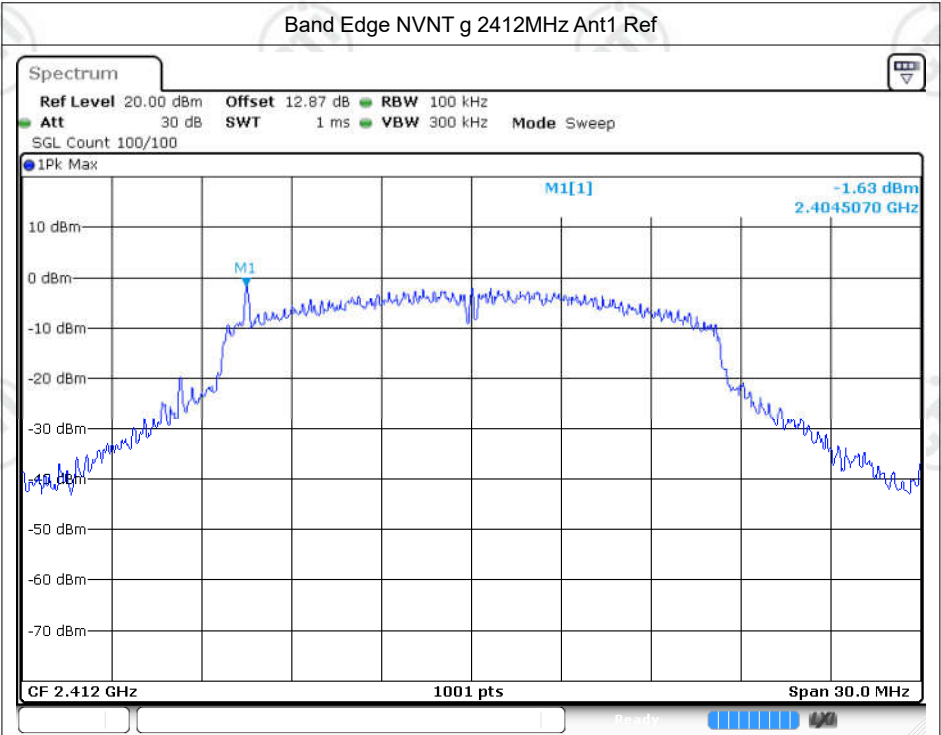




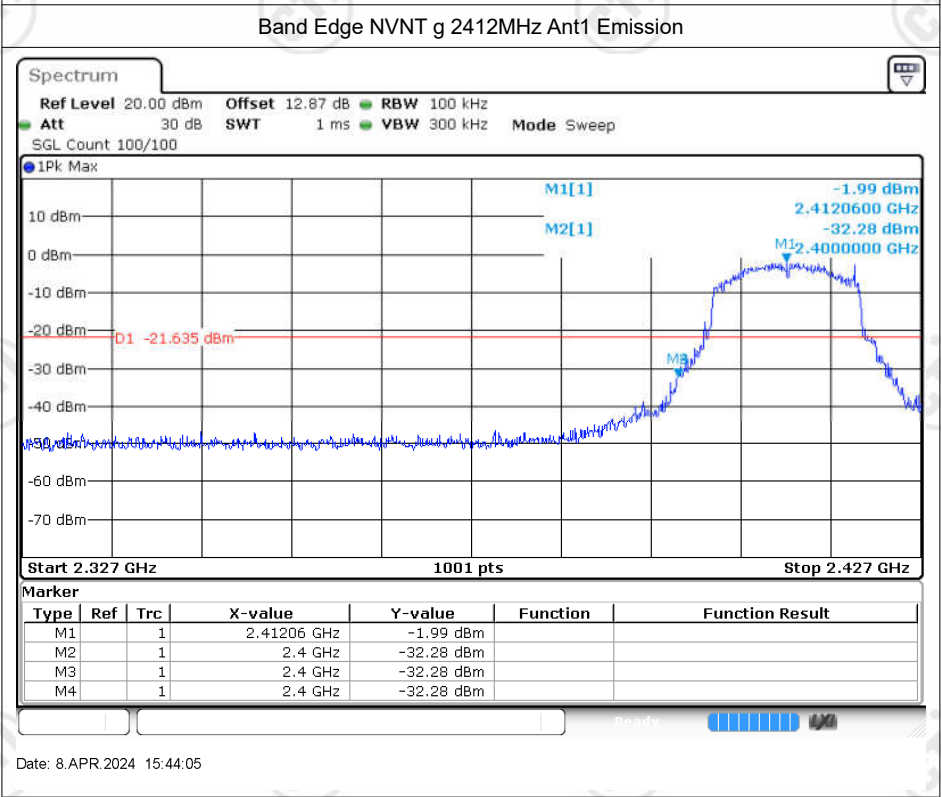
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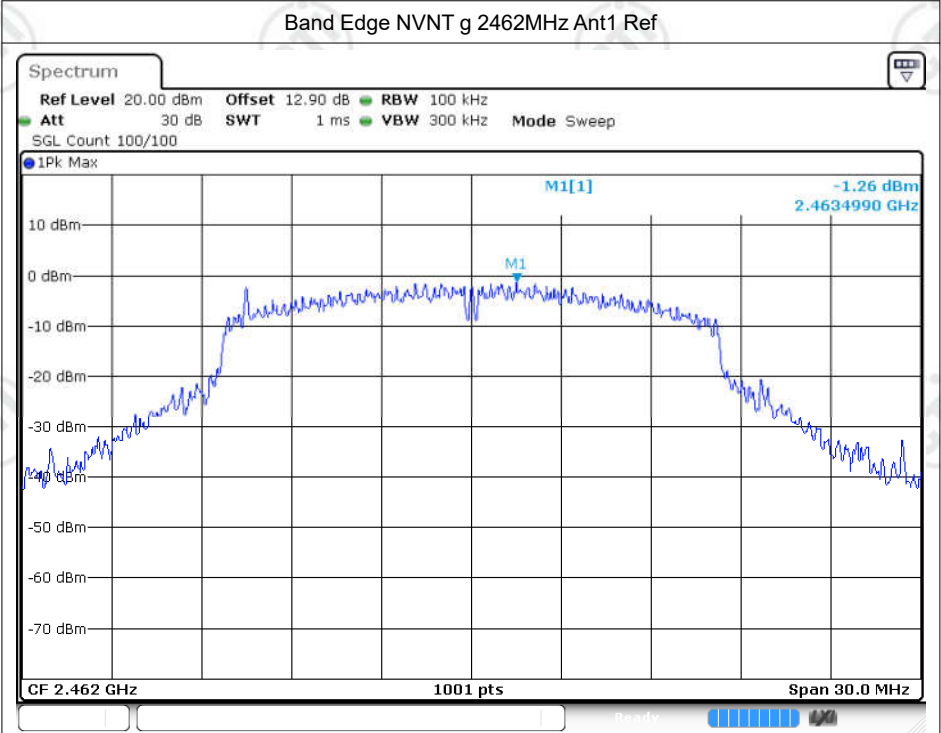
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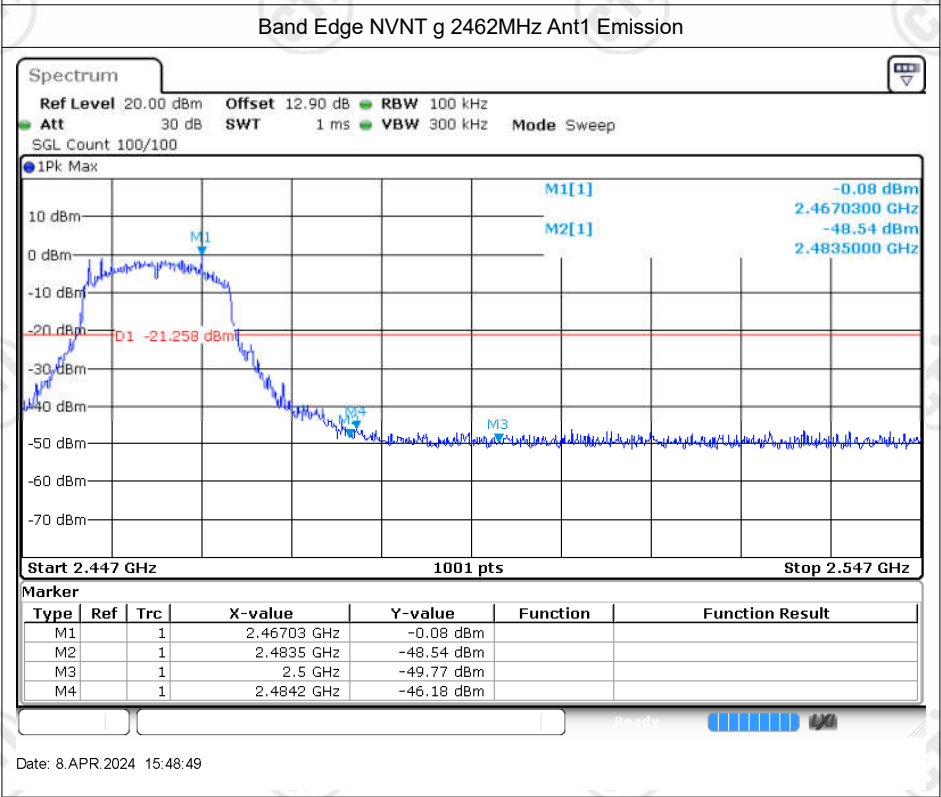
Date: 8.APR.2024 15:44:03

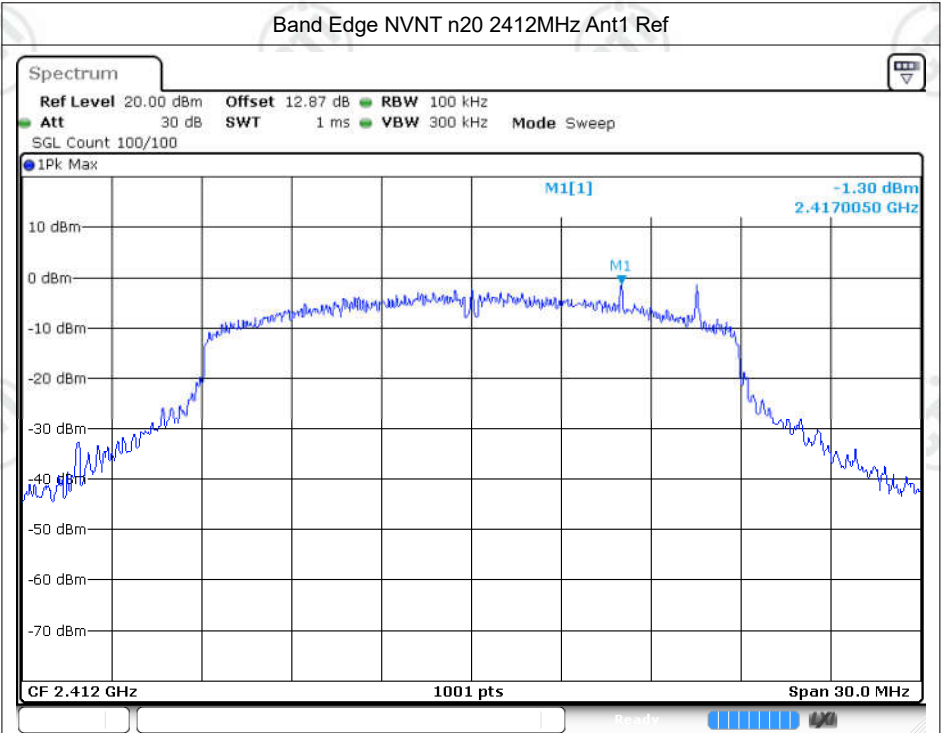


Date: 8.APR.2024 15:44:05

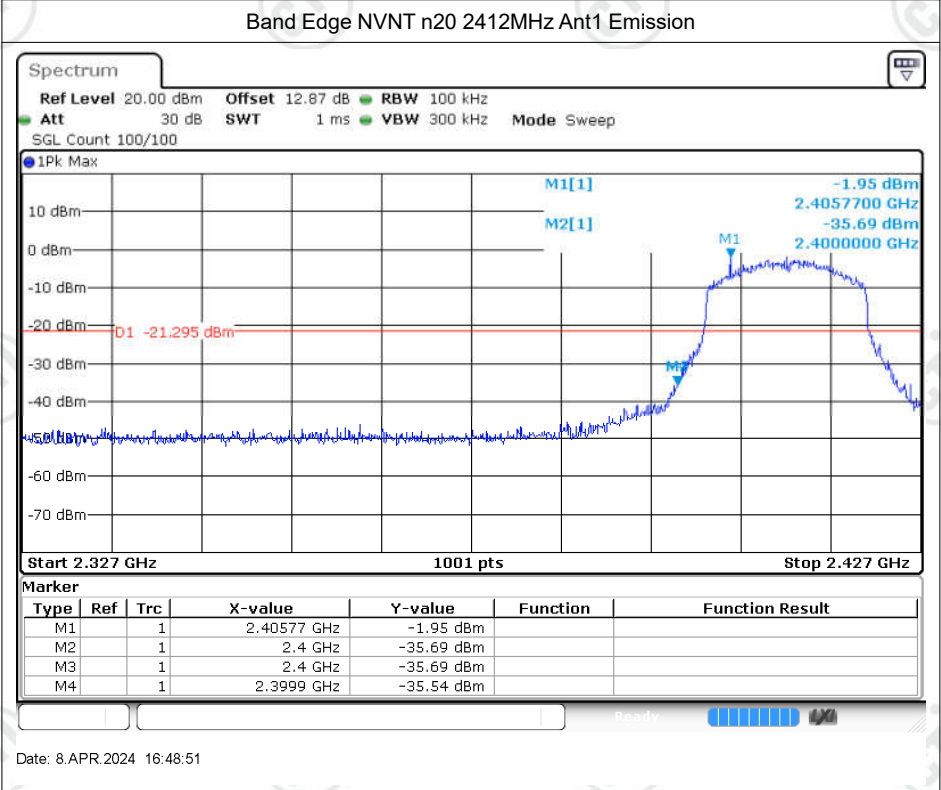


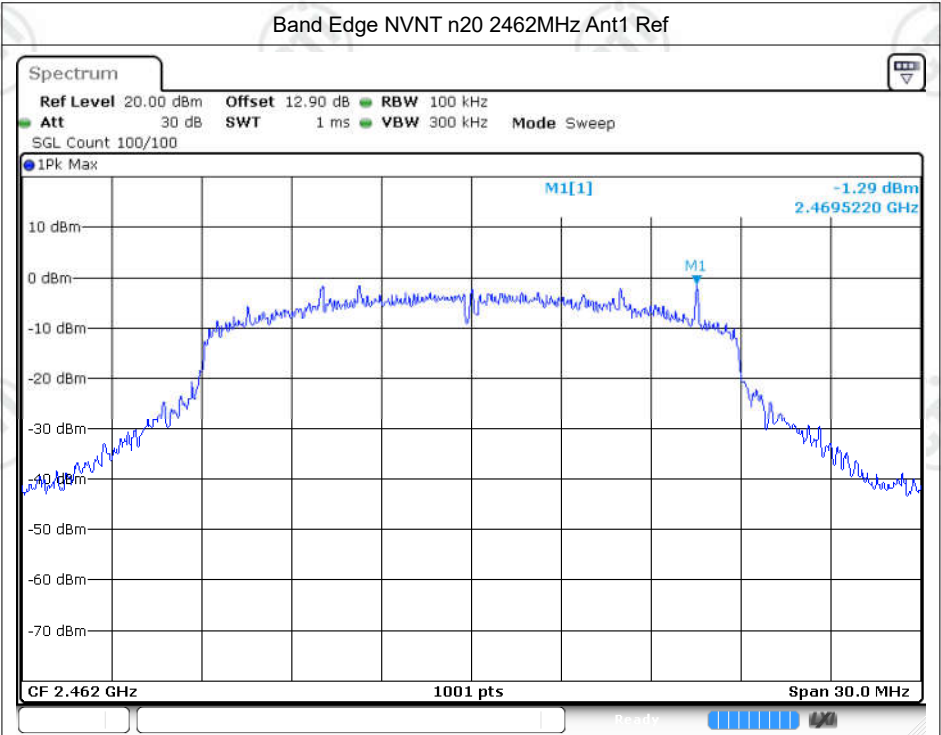
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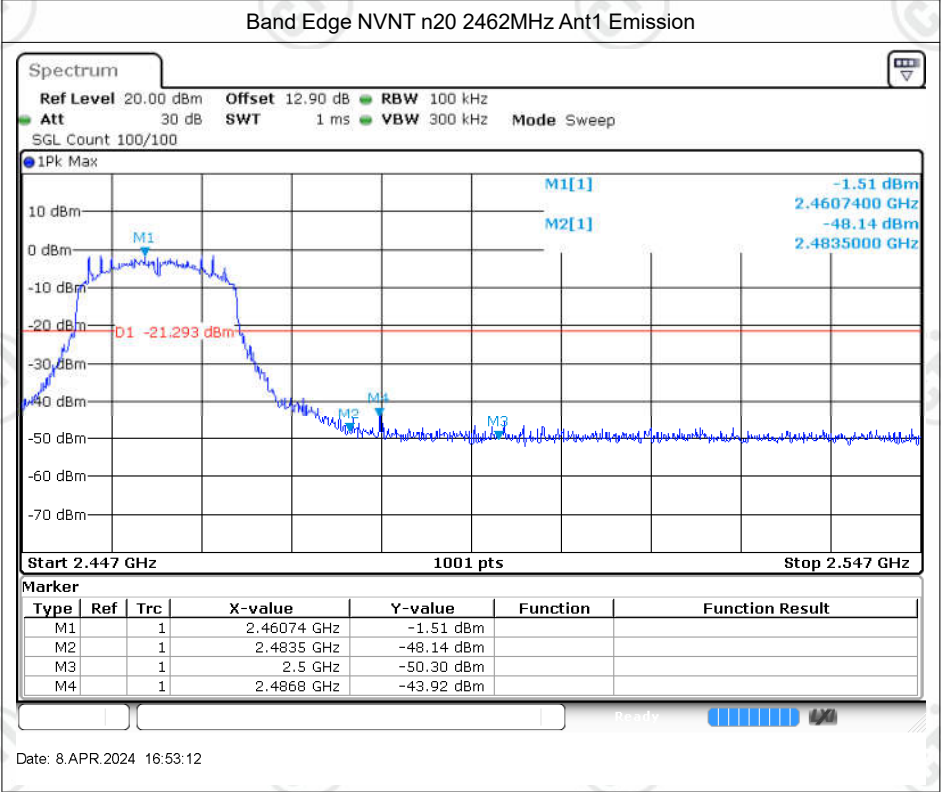


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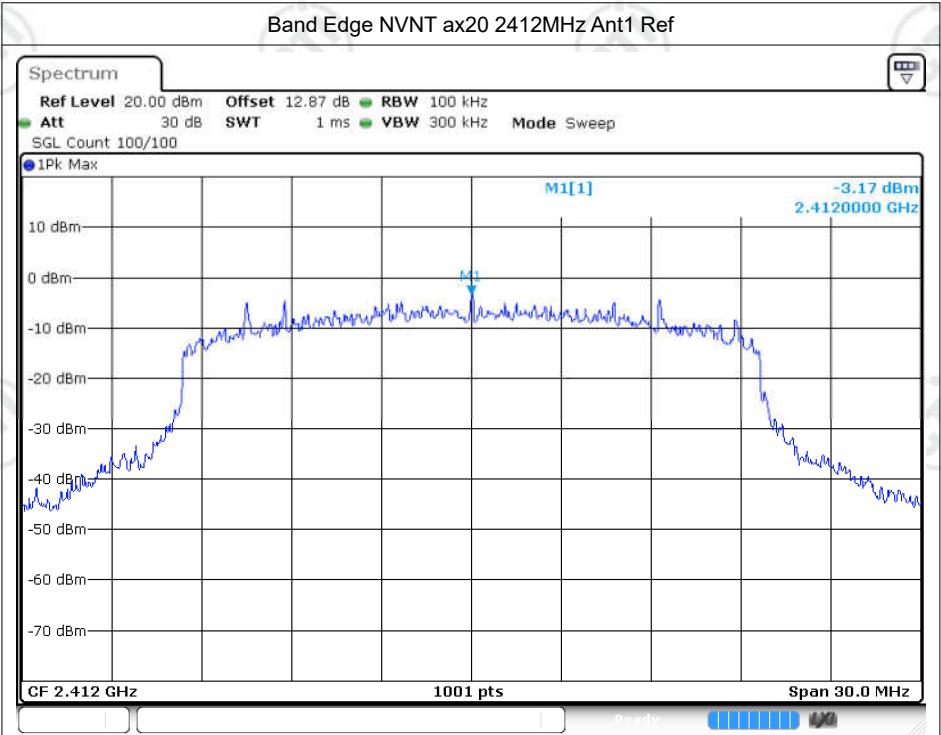




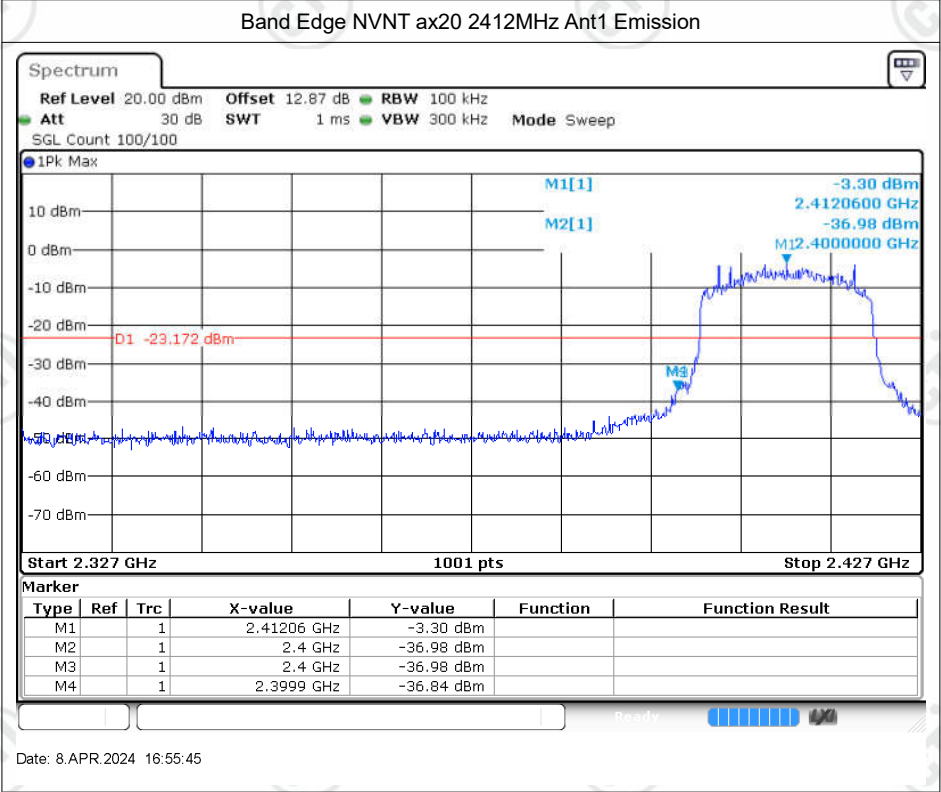
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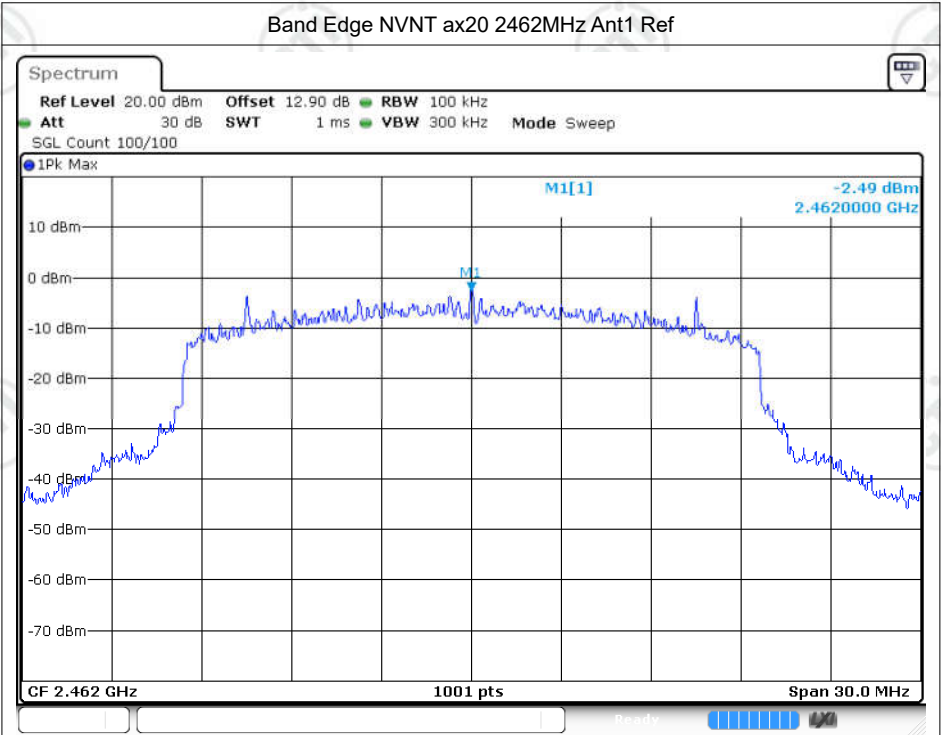
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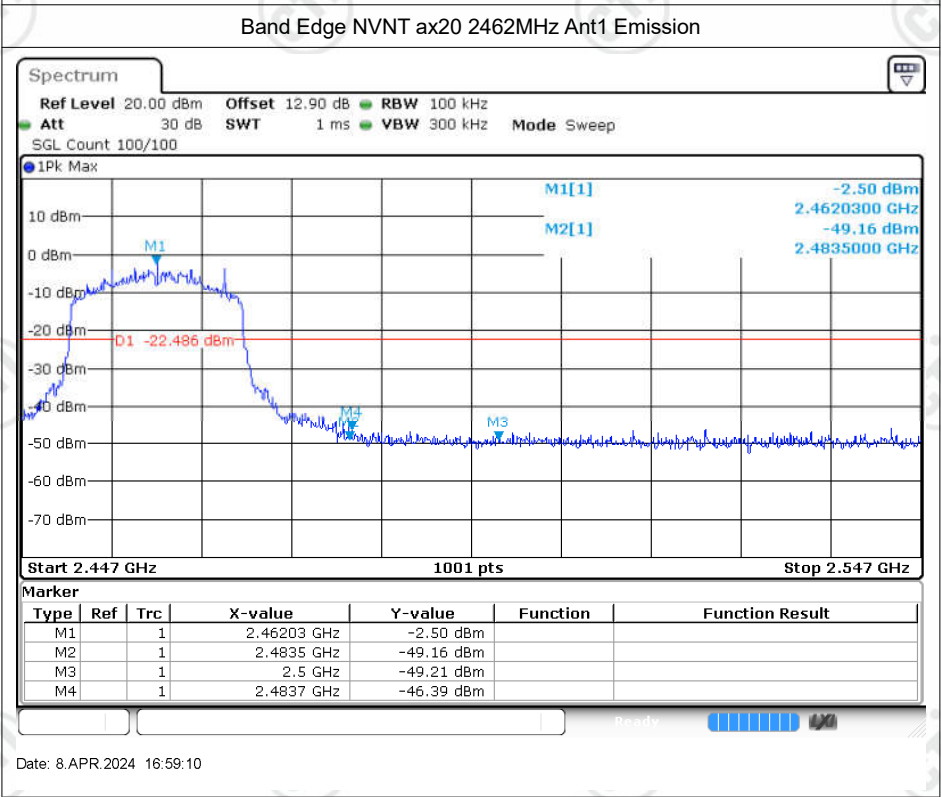
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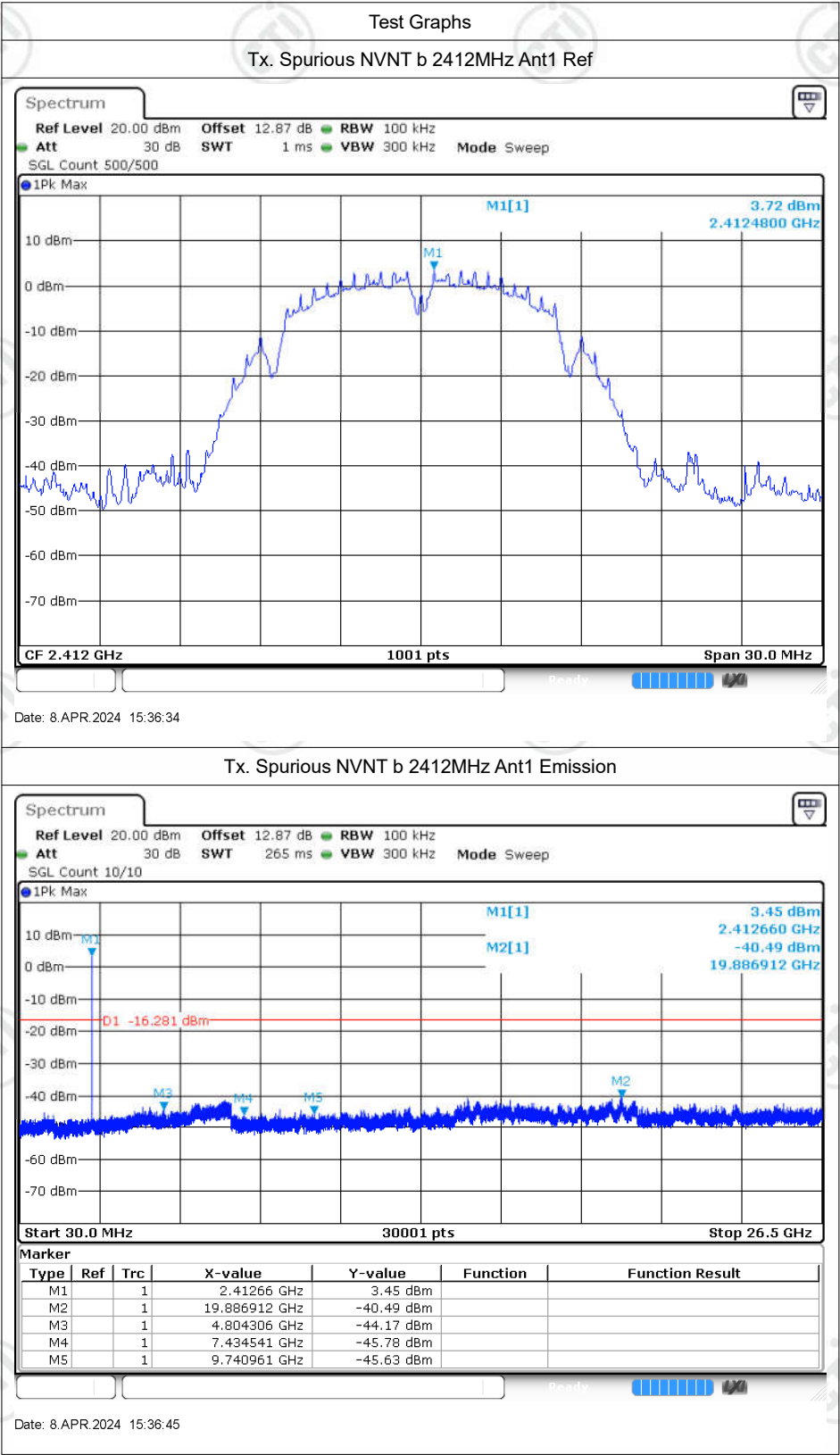
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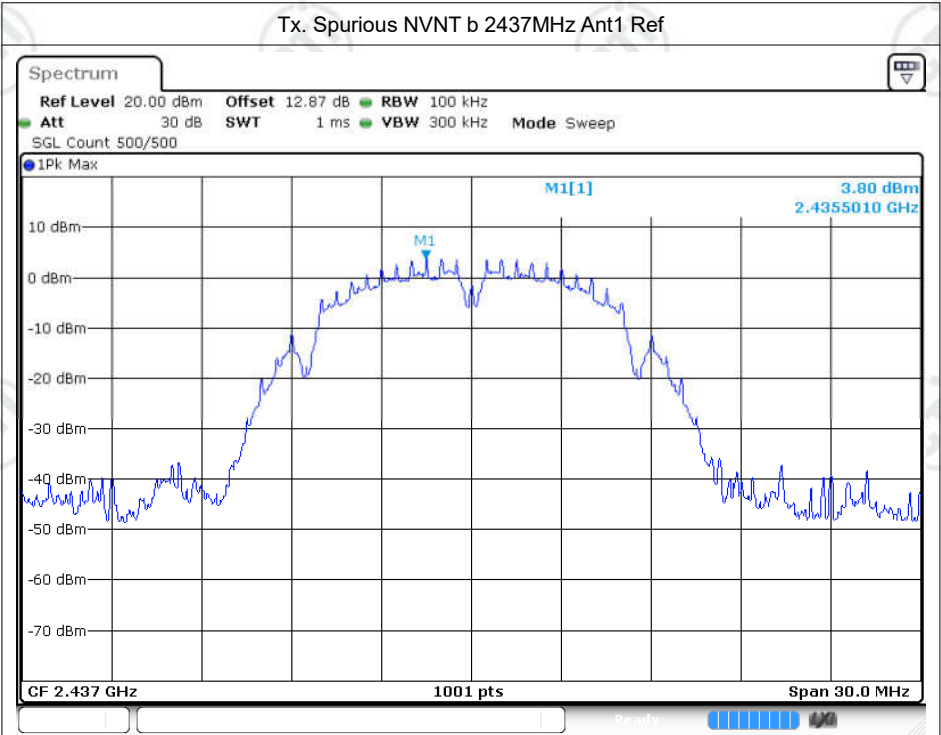


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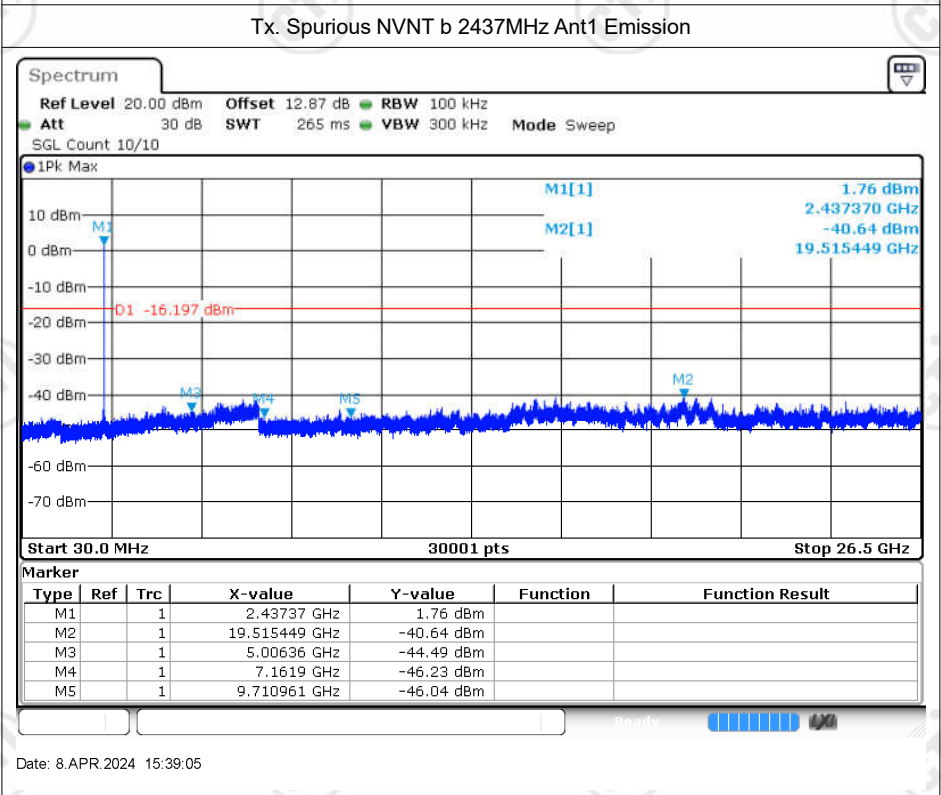
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-44.2	-20	Pass
NVNT	b	2437	Ant1	-44.43	-20	Pass
NVNT	b	2462	Ant1	-44.78	-20	Pass
NVNT	g	2412	Ant1	-40.12	-20	Pass
NVNT	g	2437	Ant1	-39.19	-20	Pass
NVNT	g	2462	Ant1	-39.96	-20	Pass
NVNT	n20	2412	Ant1	-38.54	-20	Pass
NVNT	n20	2437	Ant1	-39.56	-20	Pass
NVNT	n20	2462	Ant1	-39.79	-20	Pass
NVNT	ax20	2412	Ant1	-38.11	-20	Pass
NVNT	ax20	2437	Ant1	-37.04	-20	Pass
NVNT	ax20	2462	Ant1	-38.28	-20	Pass

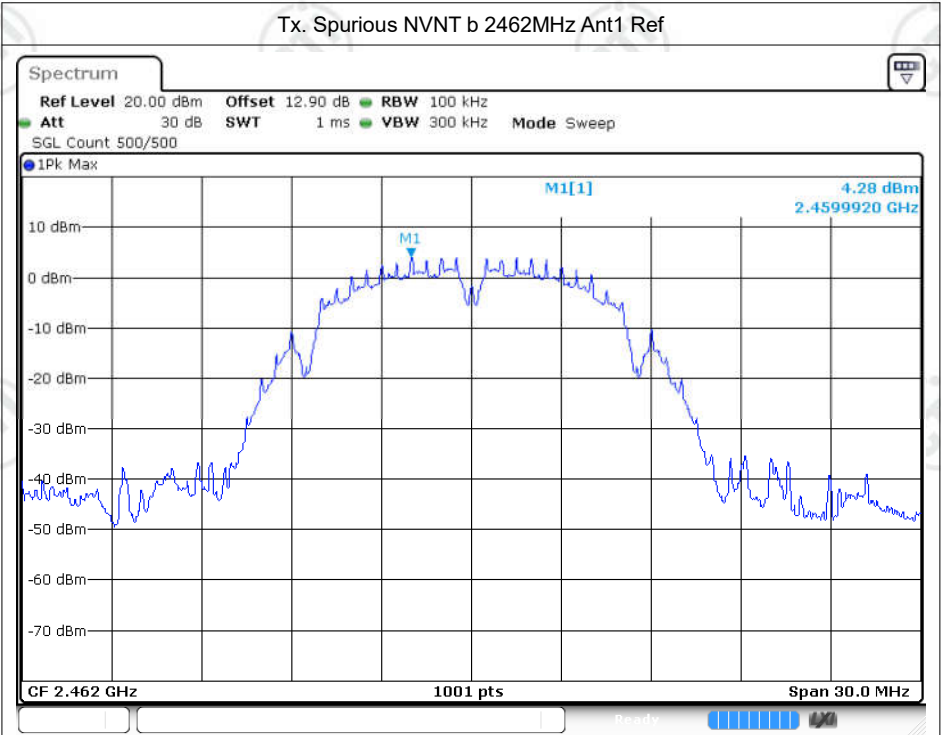




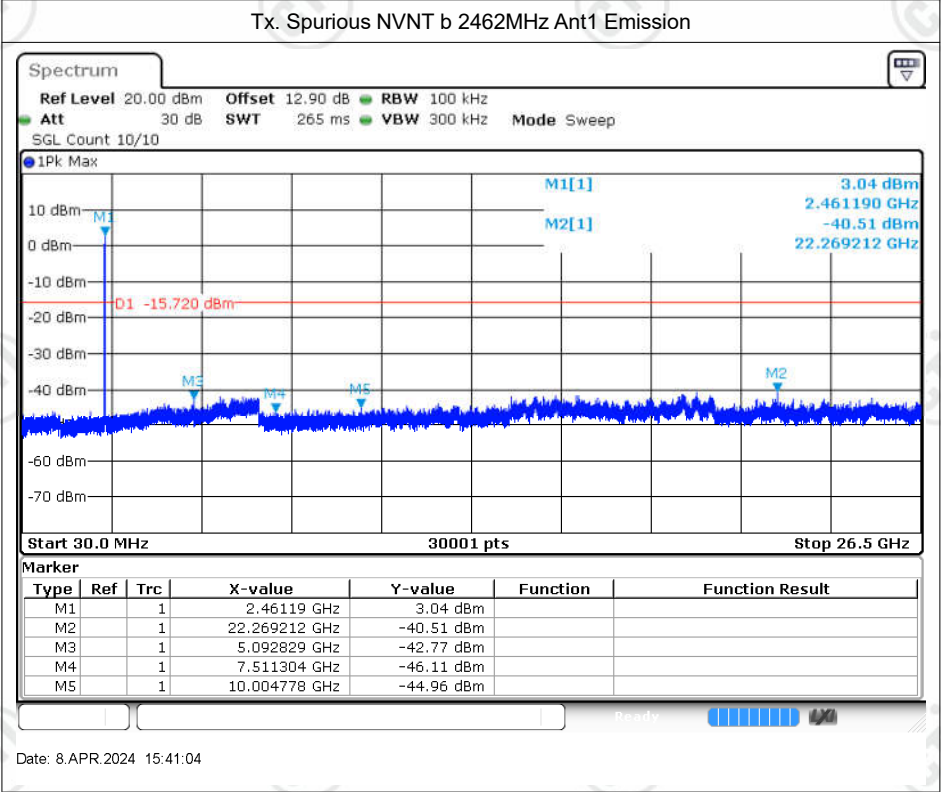
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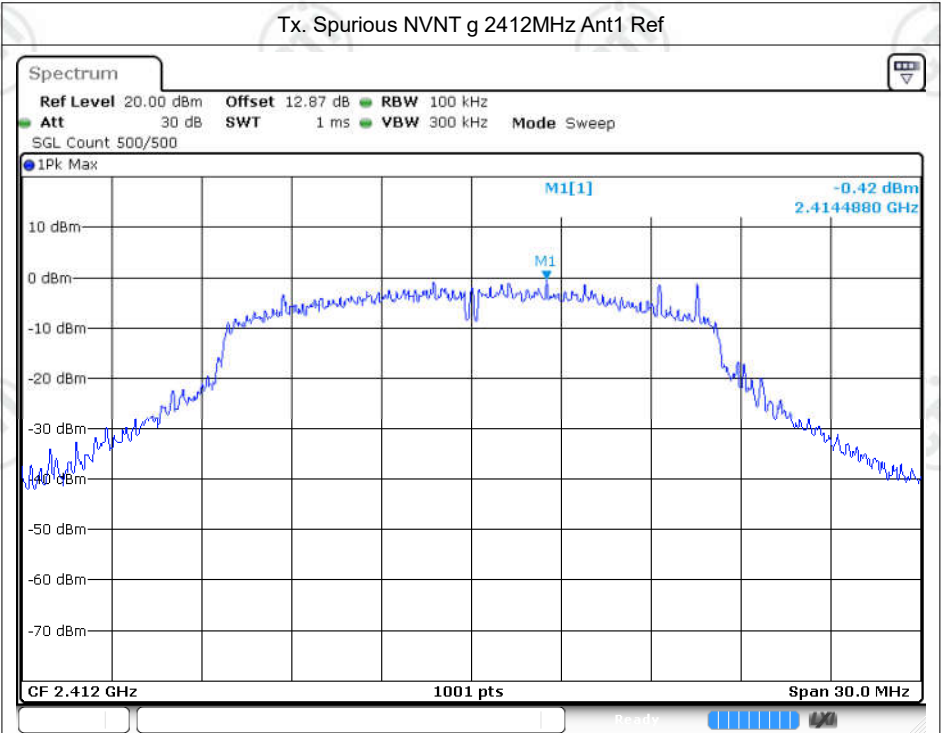
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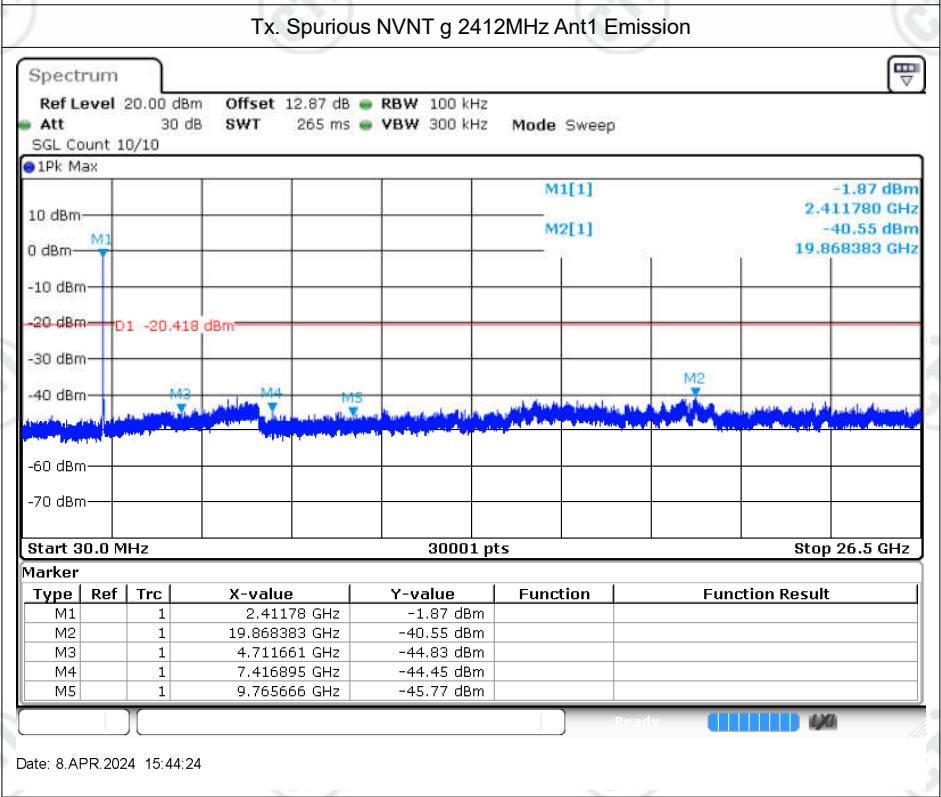
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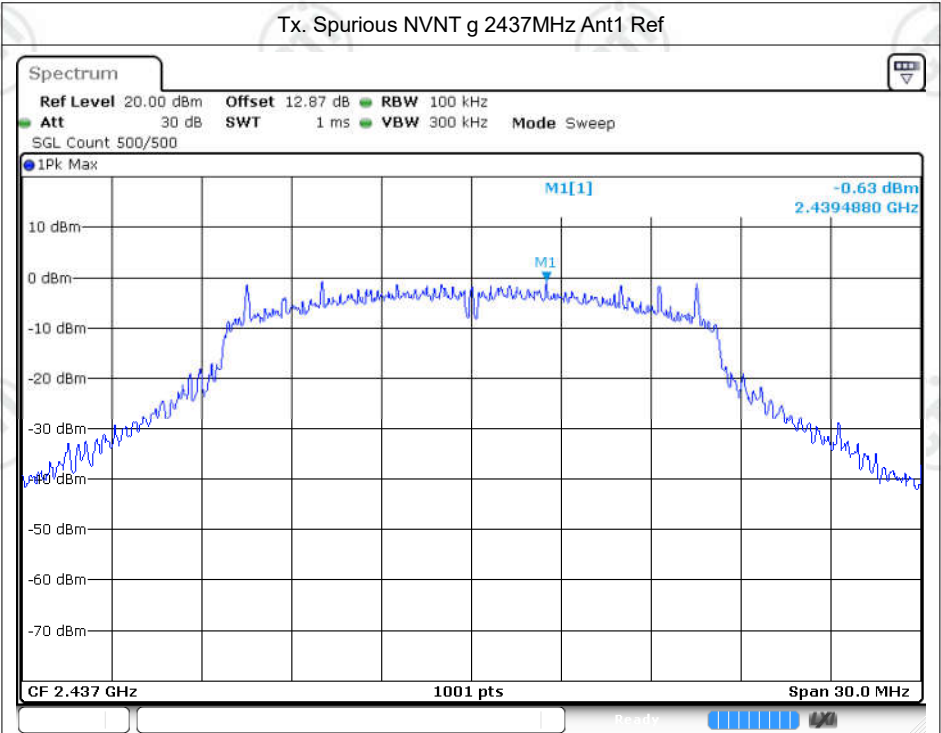
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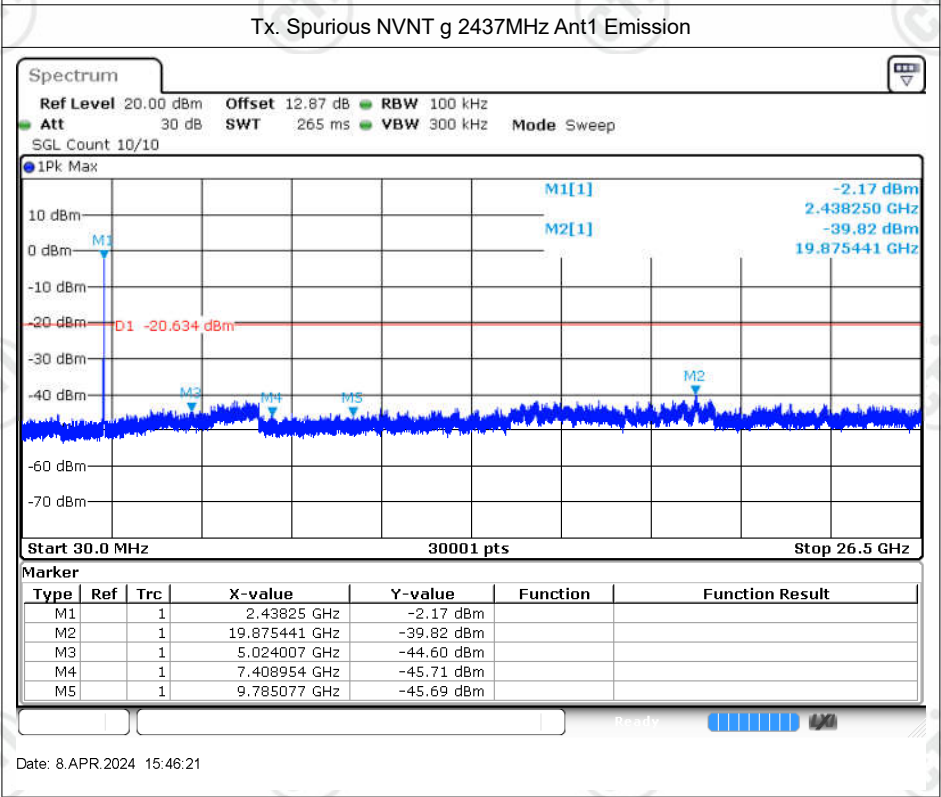
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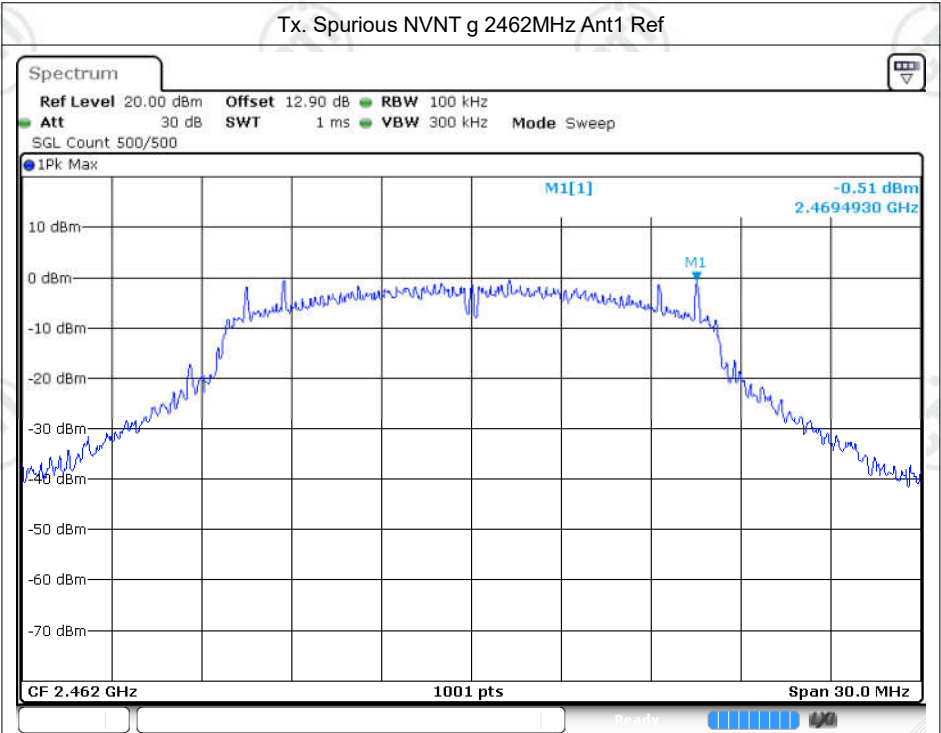
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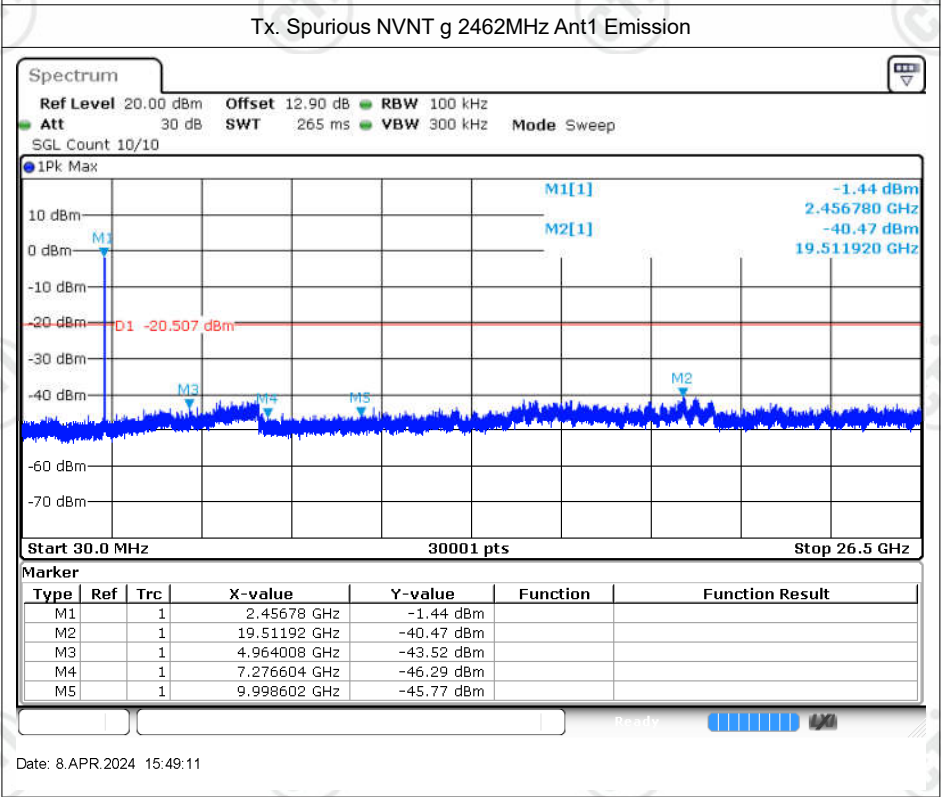
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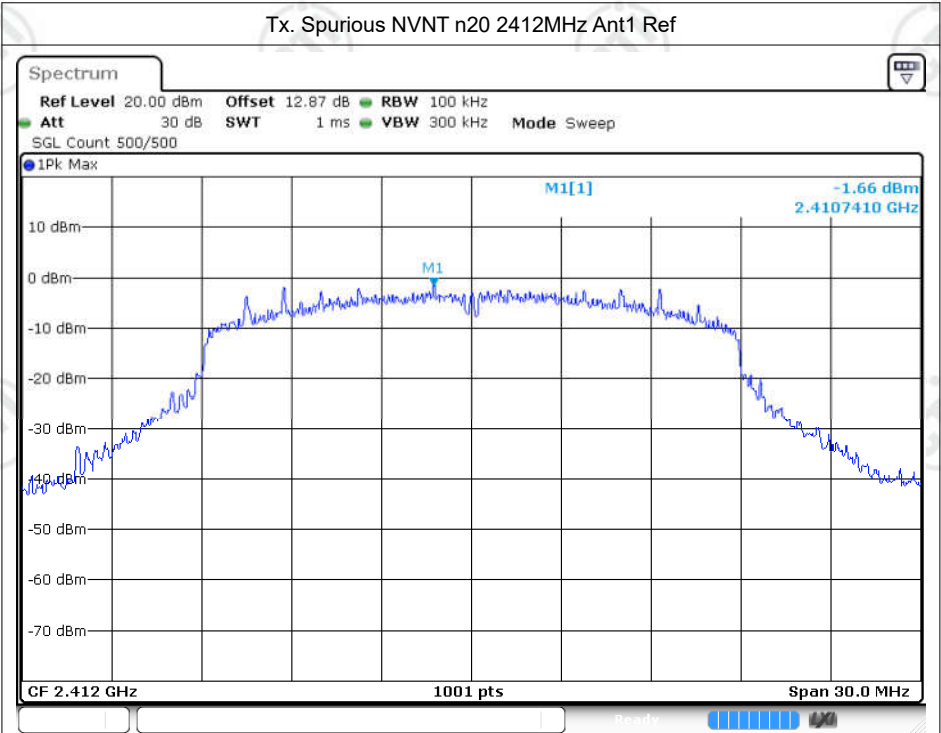
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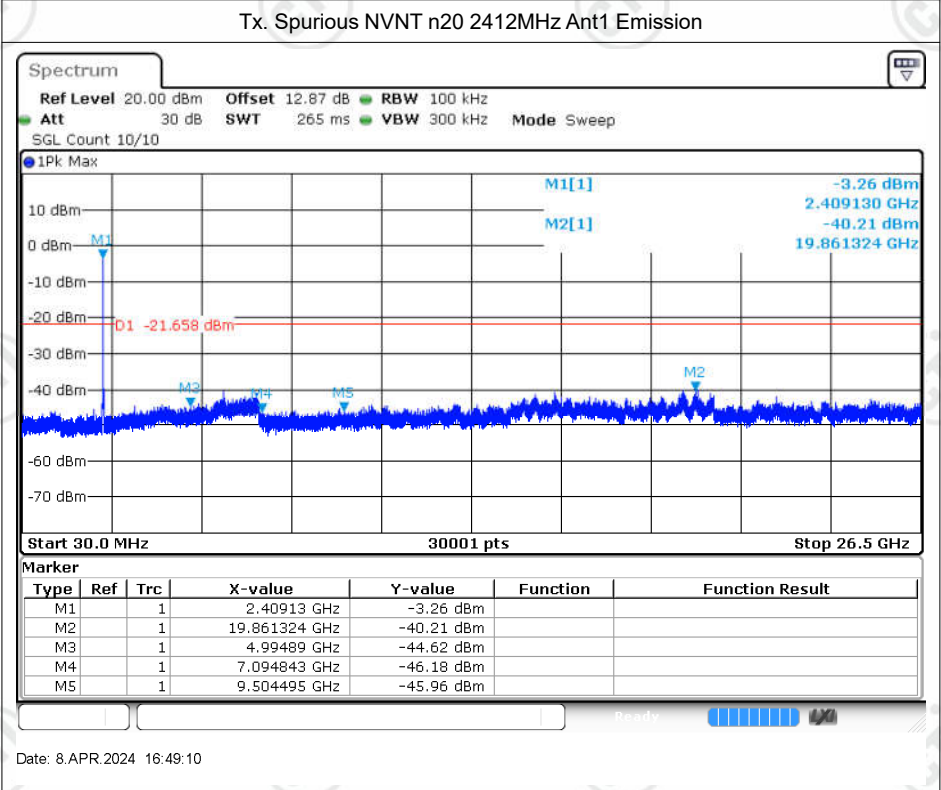
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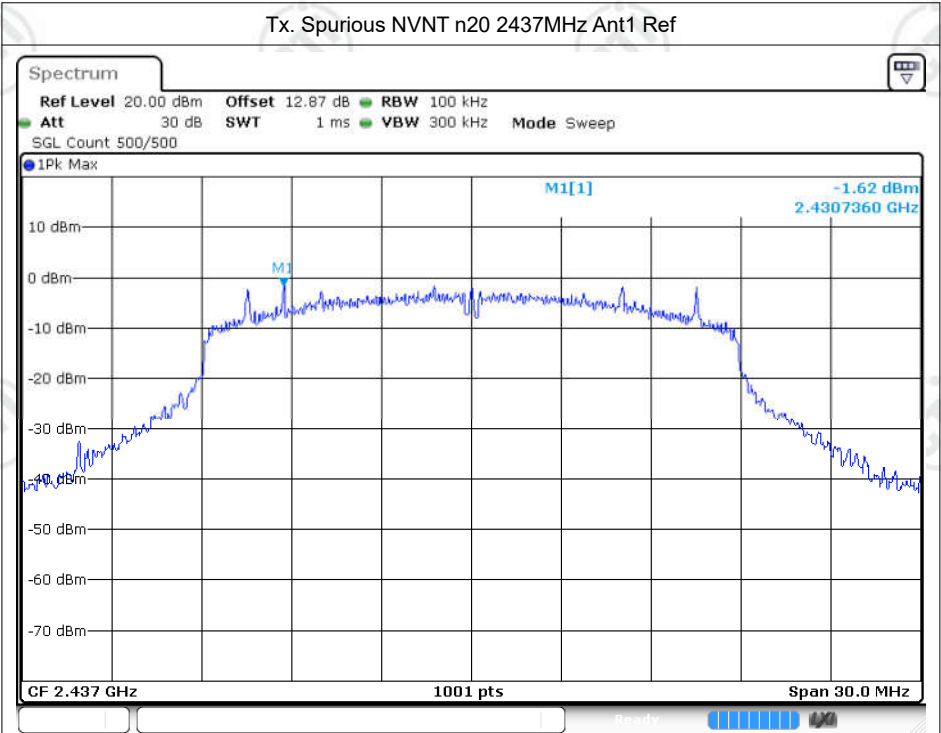
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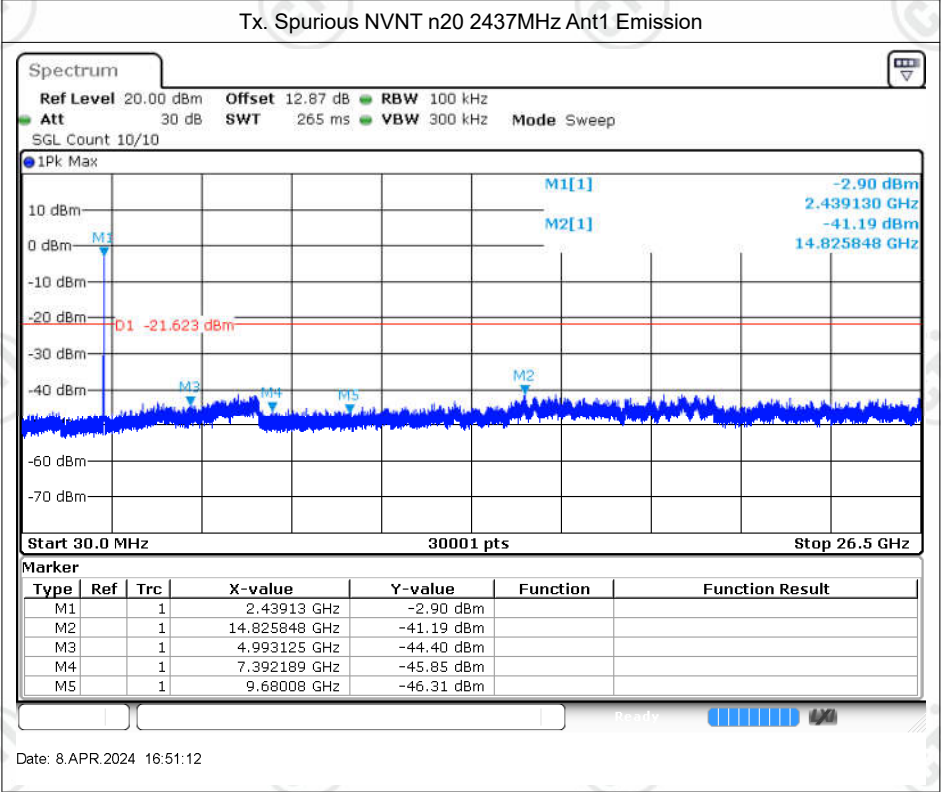
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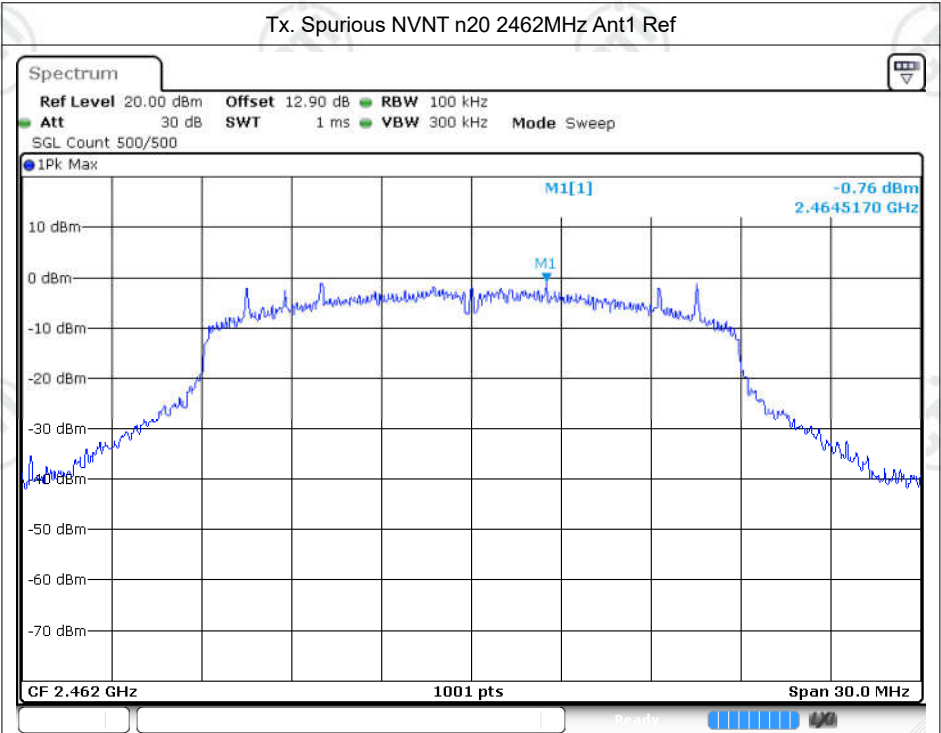
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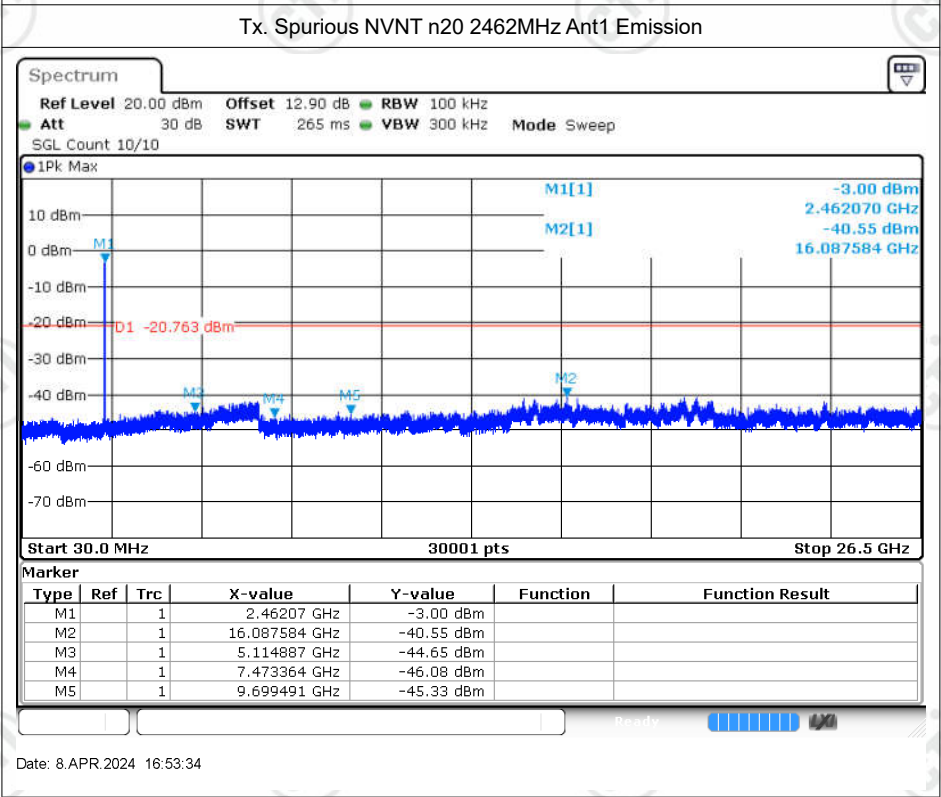
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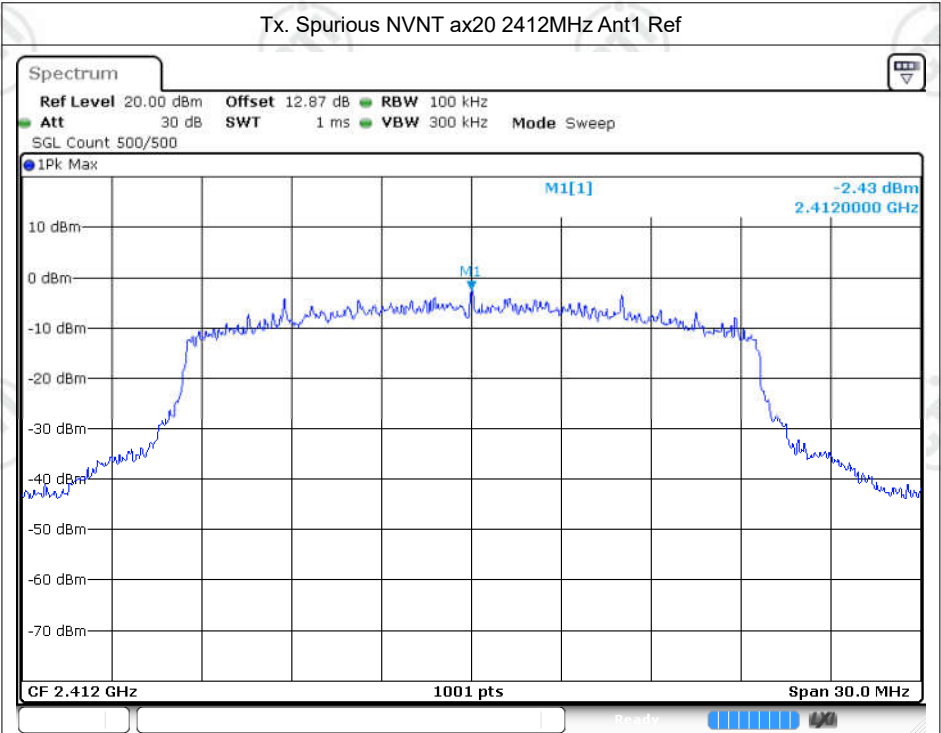
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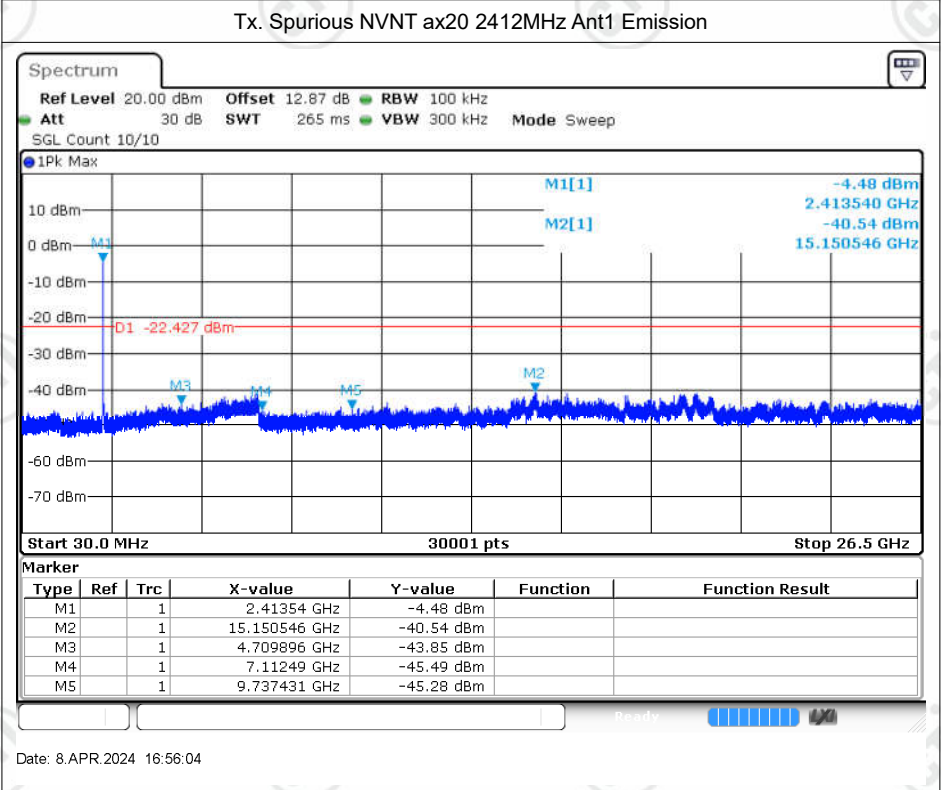
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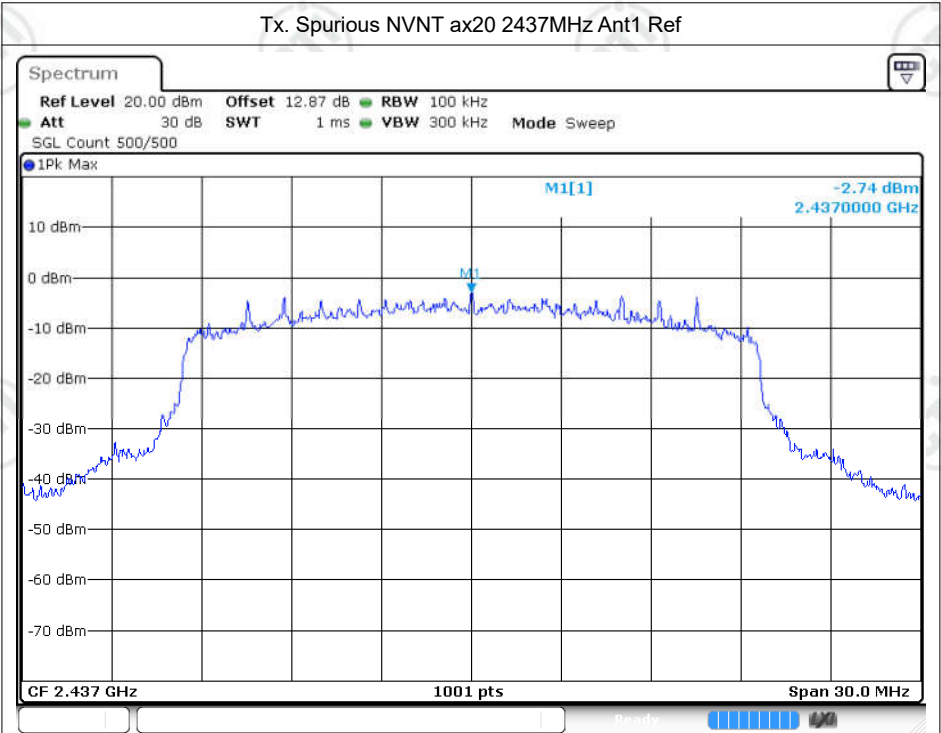
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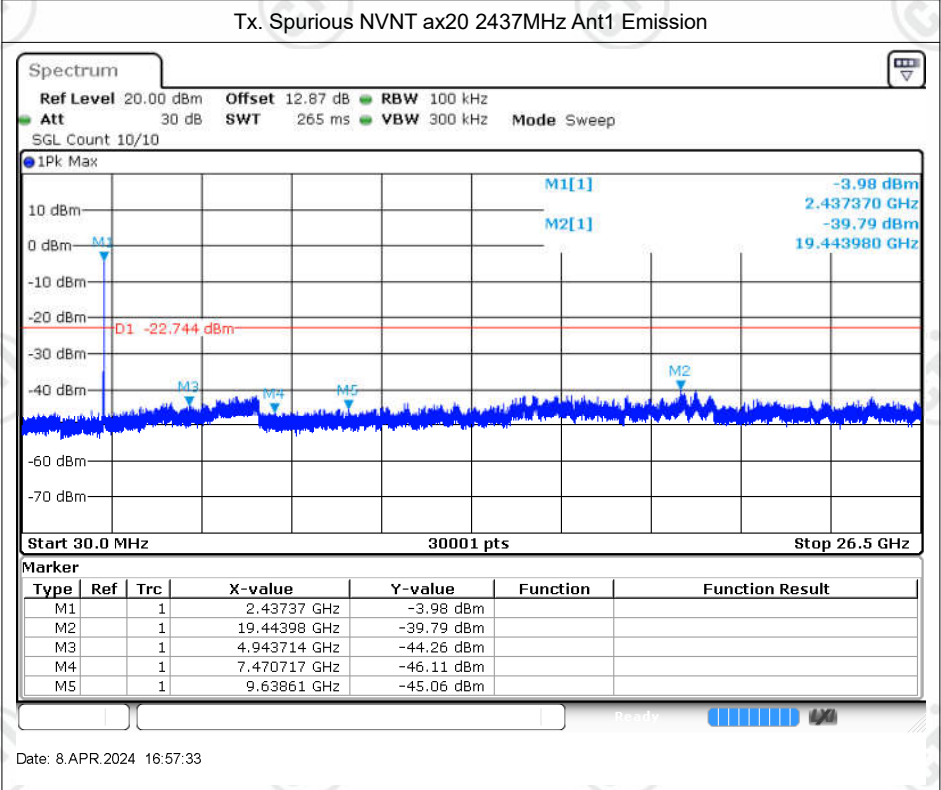
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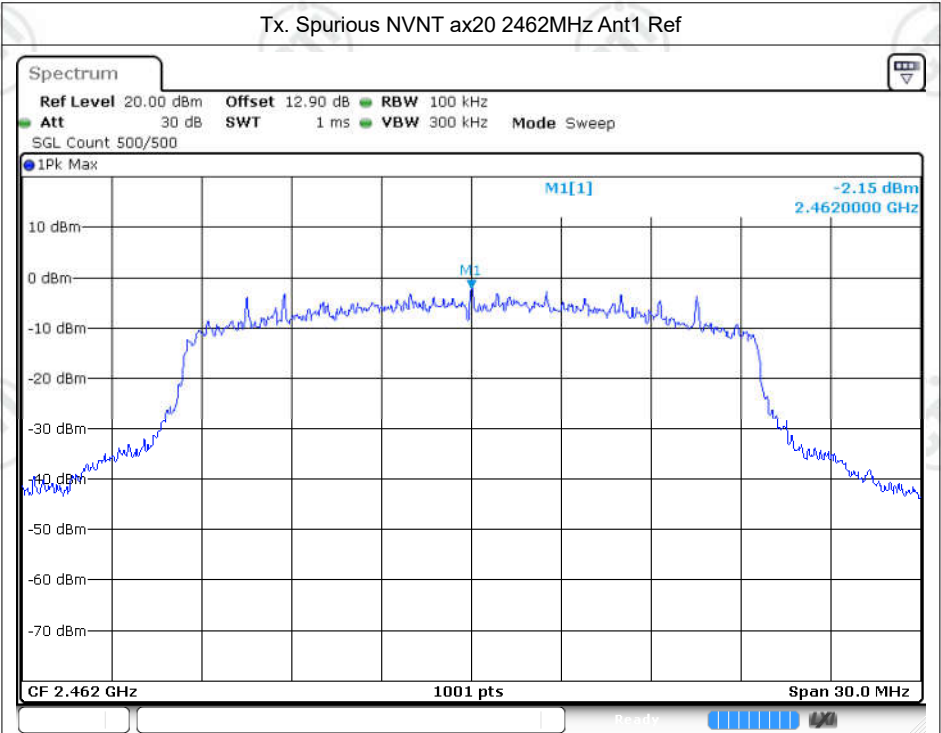
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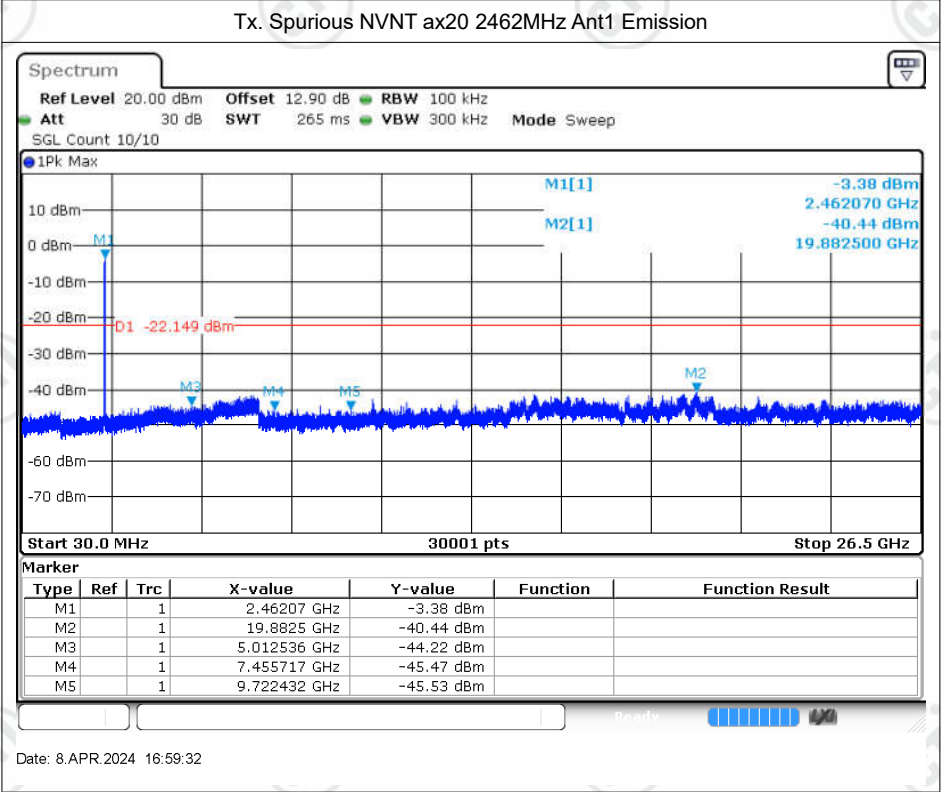
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Date: 8.APR.2024 16:57:33



Date: 8.APR.2024 16:59:20



Date: 8.APR.2024 16:59:32

*** End of Report ***