

Appendix: 2.4G WIFI

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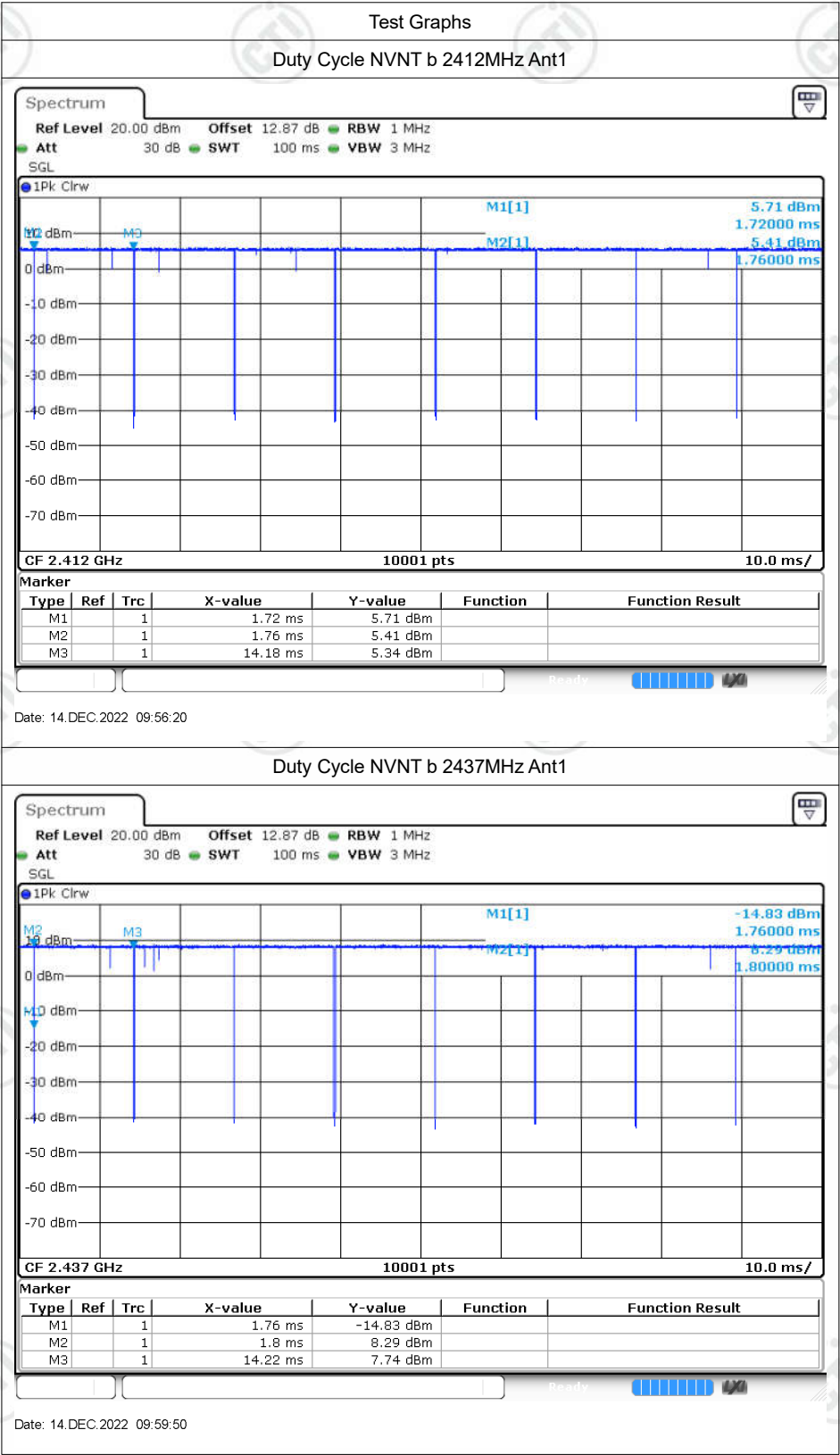
Maximum Power Spectral Density Level 25

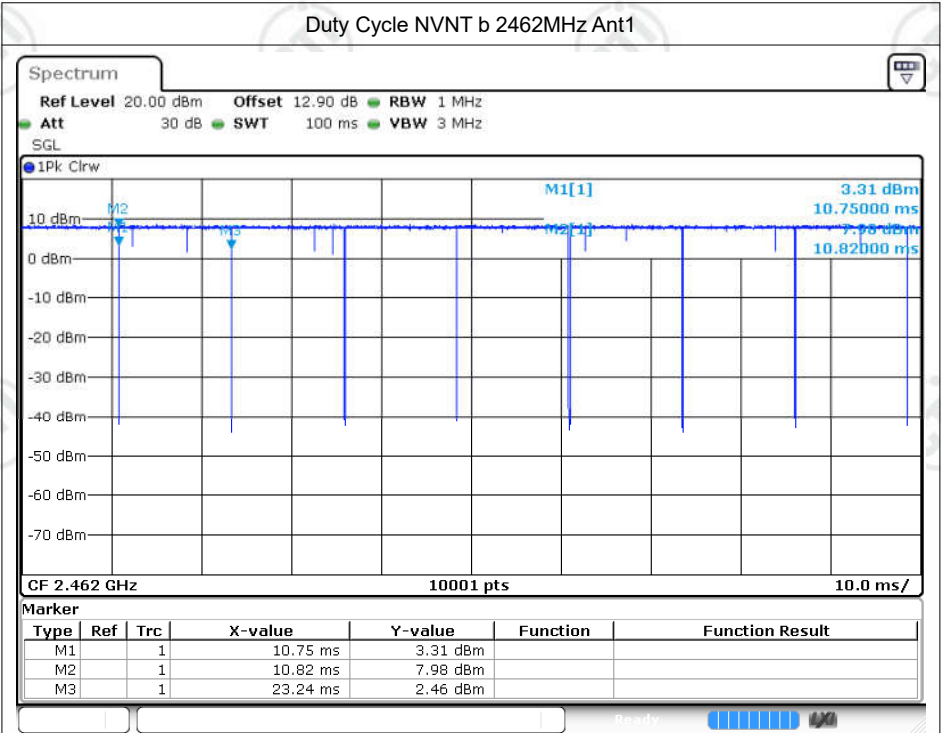
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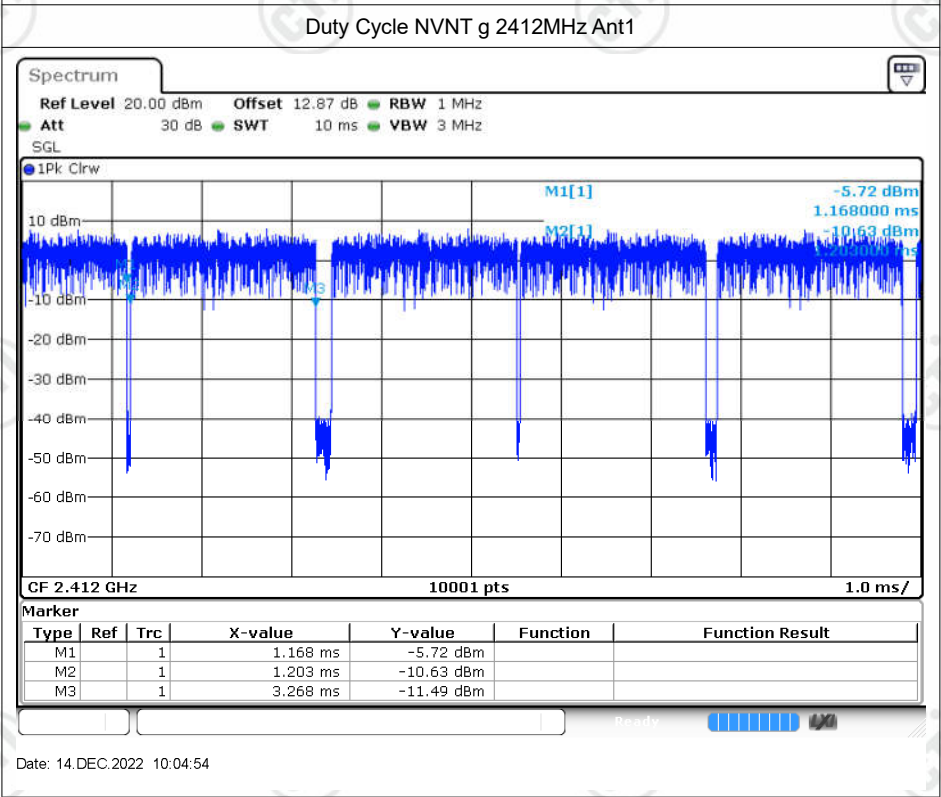
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.68	0	0.08
NVNT	b	2437	Ant1	99.68	0	0.08
NVNT	b	2462	Ant1	99.44	0	0.08
NVNT	g	2412	Ant1	98.33	0	0.48
NVNT	g	2437	Ant1	95.42	0.2	0.48
NVNT	g	2462	Ant1	96.27	0.17	0.48
NVNT	n20	2412	Ant1	93.43	0.3	0.52
NVNT	n20	2437	Ant1	94.58	0.24	0.52
NVNT	n20	2462	Ant1	96	0.18	0.52
NVNT	n40	2422	Ant1	96.72	0.14	1.06
NVNT	n40	2437	Ant1	86.76	0.62	1.06
NVNT	n40	2452	Ant1	91.47	0.39	1.06

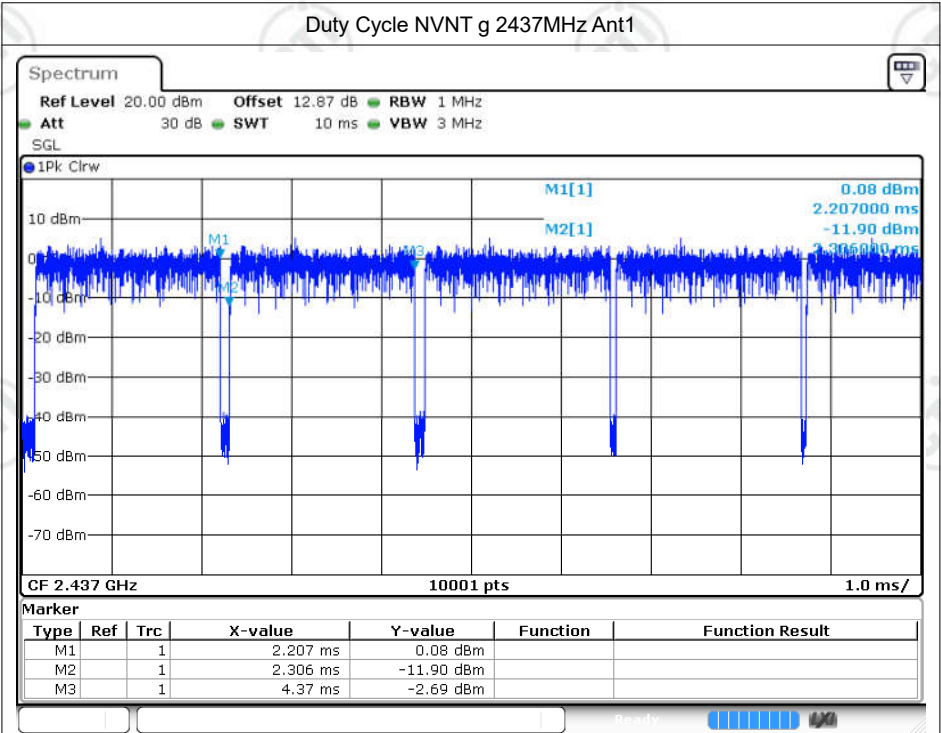




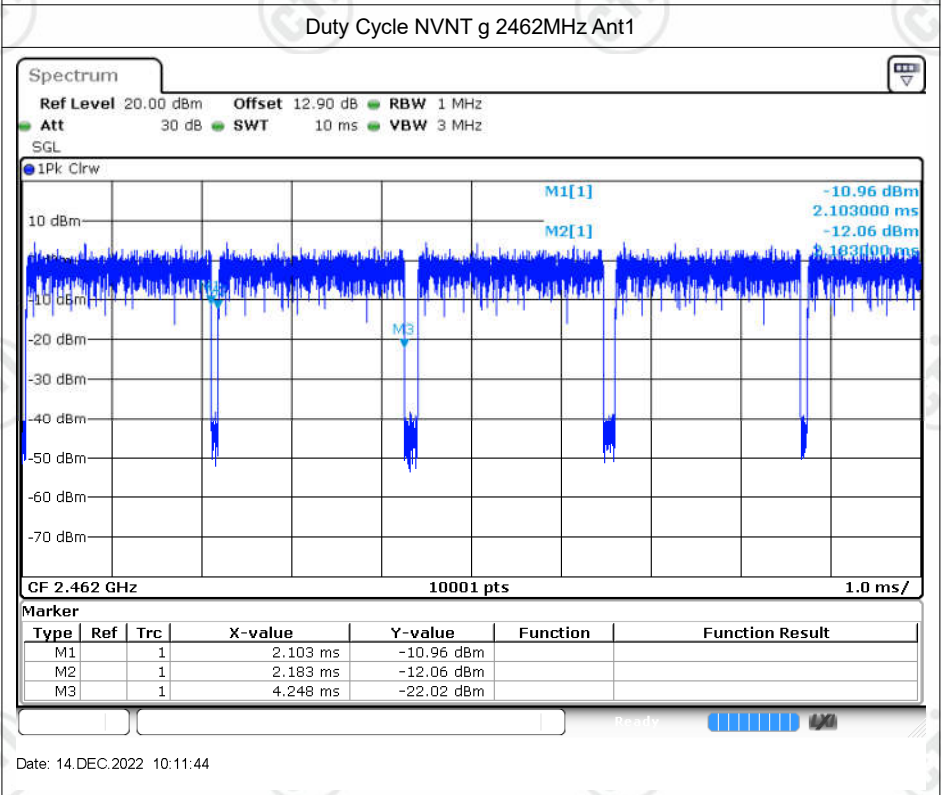
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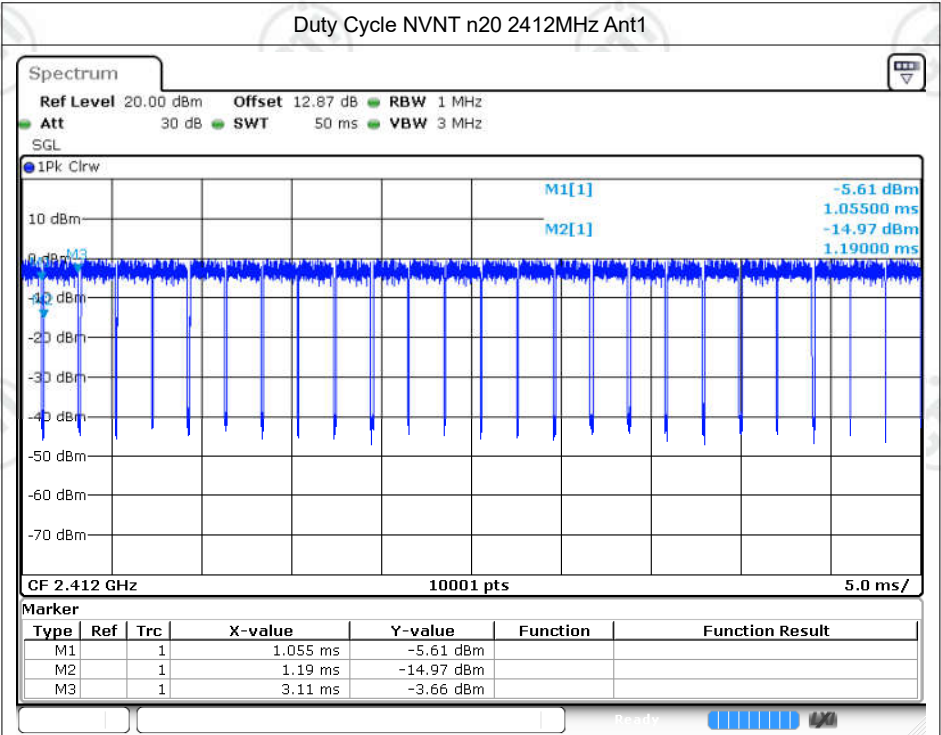
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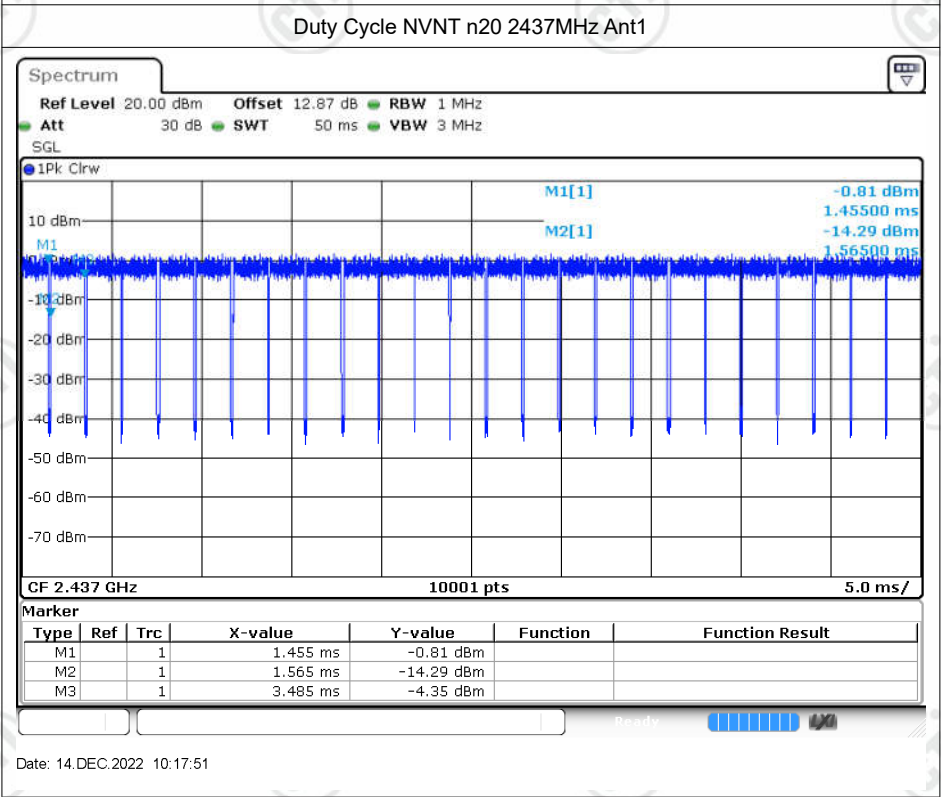
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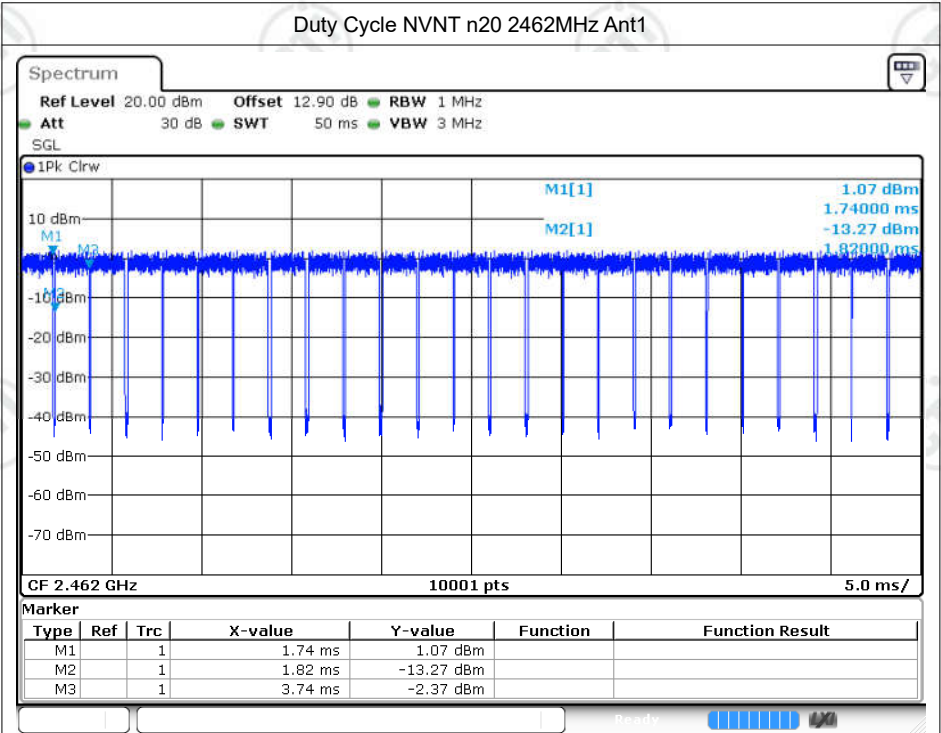
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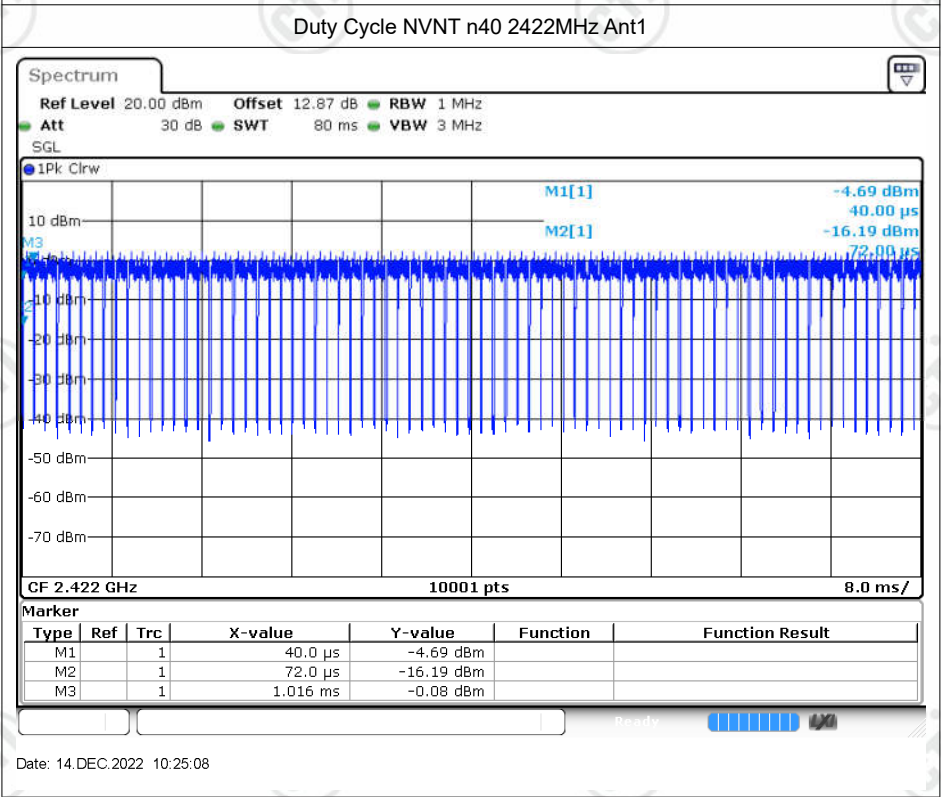
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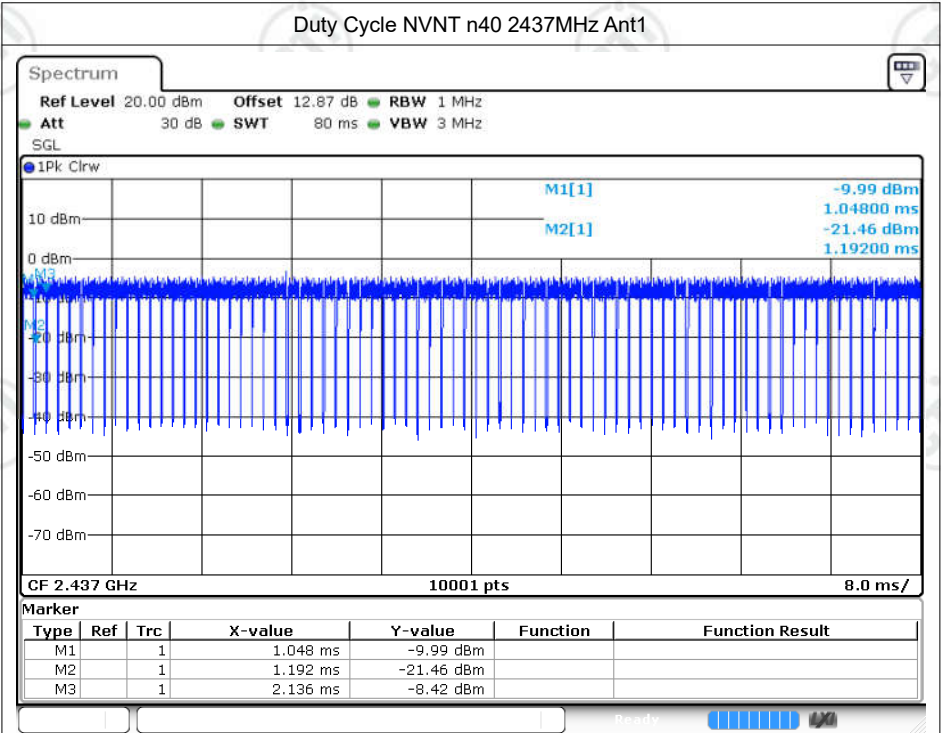
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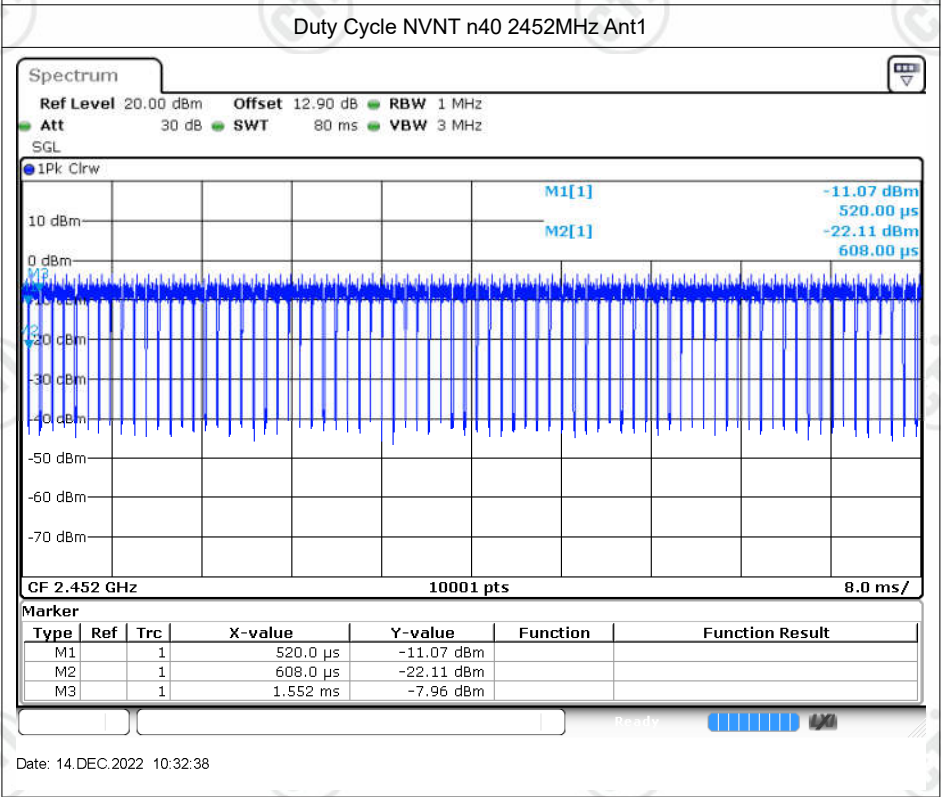
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Date: 14.DEC.2022 10:25:08



Date: 14.DEC.2022 10:27:59



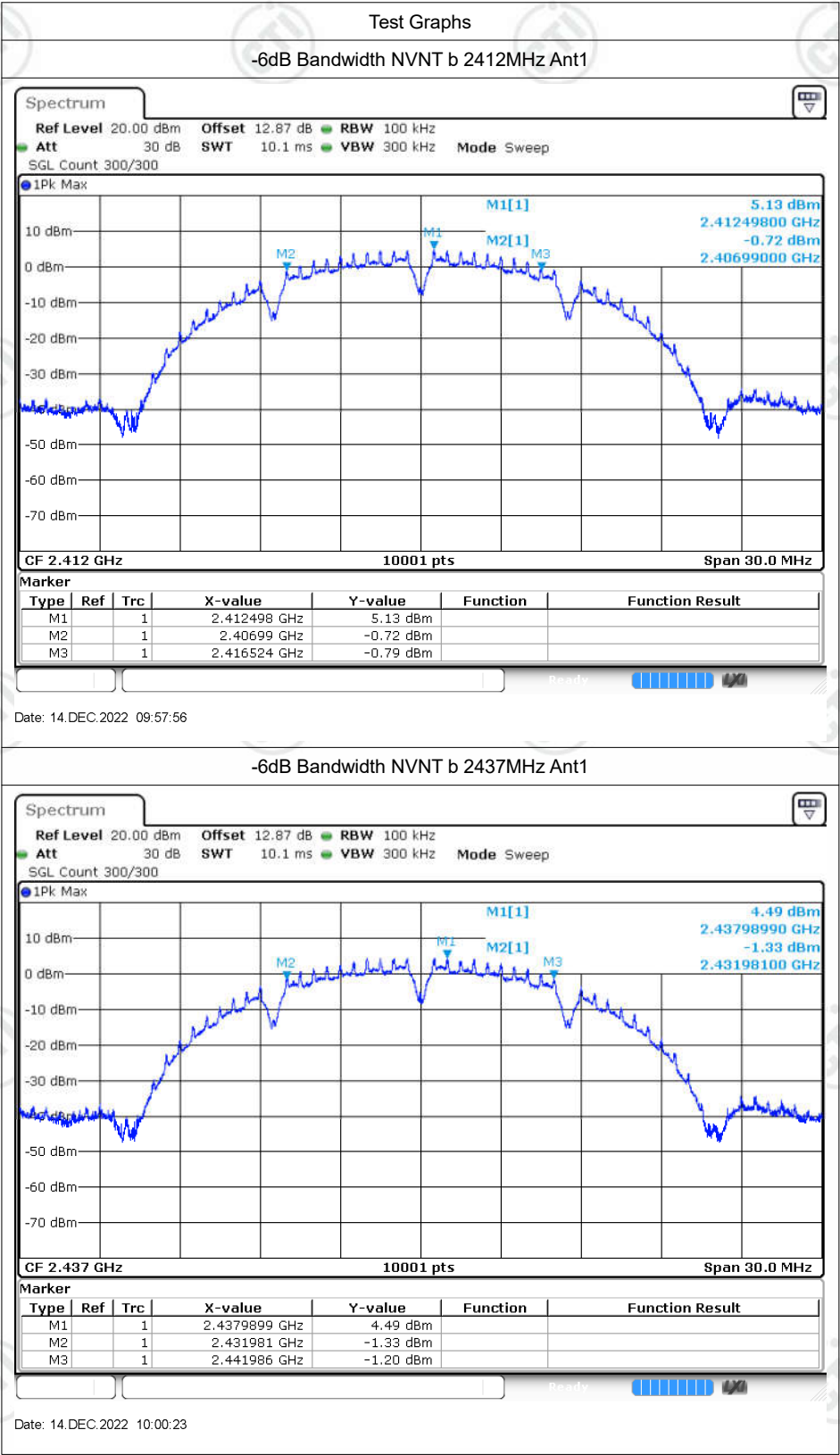
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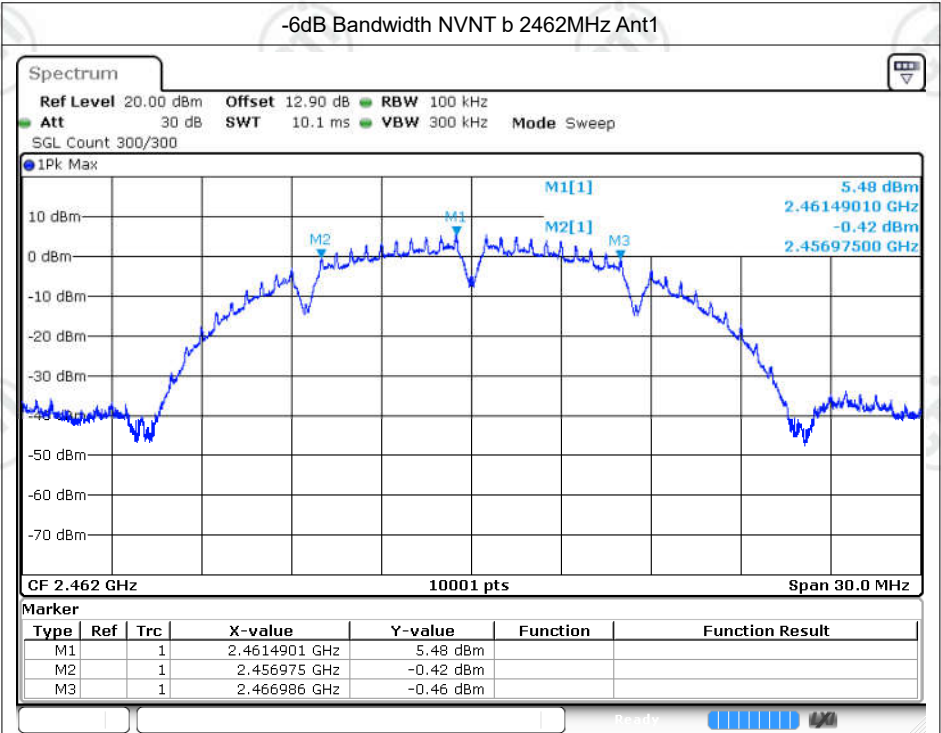
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	17.18	30	Pass
NVNT	b	2437	Ant1	17.35	30	Pass
NVNT	b	2462	Ant1	17.57	30	Pass
NVNT	g	2412	Ant1	16.97	30	Pass
NVNT	g	2437	Ant1	16.85	30	Pass
NVNT	g	2462	Ant1	16.51	30	Pass
NVNT	n20	2412	Ant1	15.12	30	Pass
NVNT	n20	2437	Ant1	15.87	30	Pass
NVNT	n20	2462	Ant1	15.35	30	Pass
NVNT	n40	2422	Ant1	14.91	30	Pass
NVNT	n40	2437	Ant1	14.83	30	Pass
NVNT	n40	2452	Ant1	14.75	30	Pass

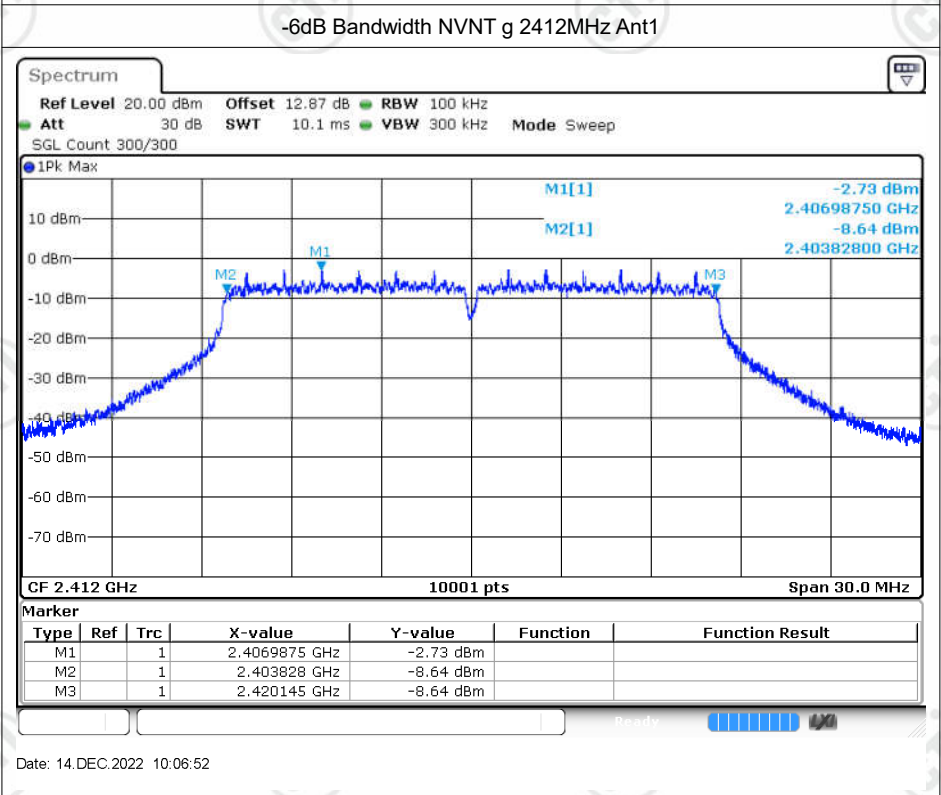
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.534	0.5	Pass
NVNT	b	2437	Ant1	10.005	0.5	Pass
NVNT	b	2462	Ant1	10.011	0.5	Pass
NVNT	g	2412	Ant1	16.317	0.5	Pass
NVNT	g	2437	Ant1	16.323	0.5	Pass
NVNT	g	2462	Ant1	16.314	0.5	Pass
NVNT	n20	2412	Ant1	17.544	0.5	Pass
NVNT	n20	2437	Ant1	17.523	0.5	Pass
NVNT	n20	2462	Ant1	17.532	0.5	Pass
NVNT	n40	2422	Ant1	35.316	0.5	Pass
NVNT	n40	2437	Ant1	35.31	0.5	Pass
NVNT	n40	2452	Ant1	35.34	0.5	Pass

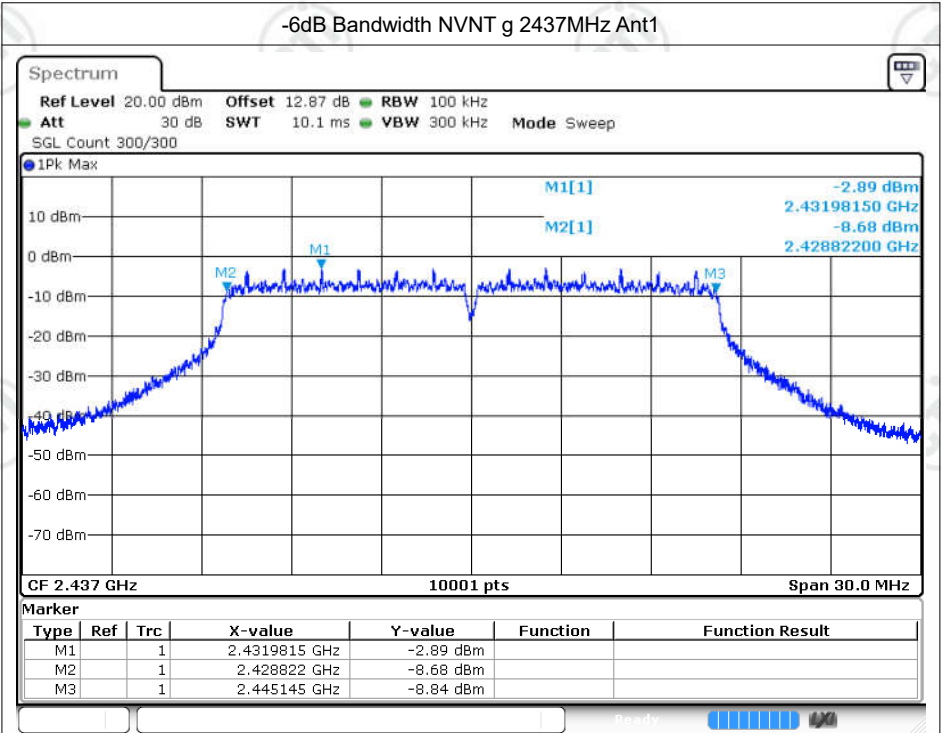




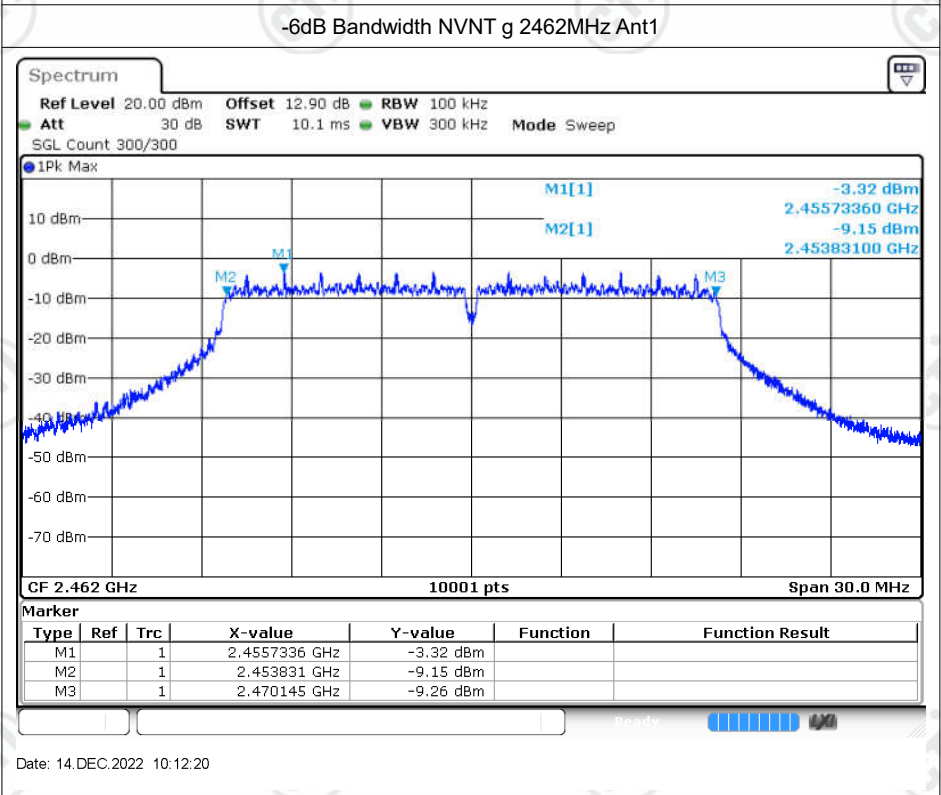
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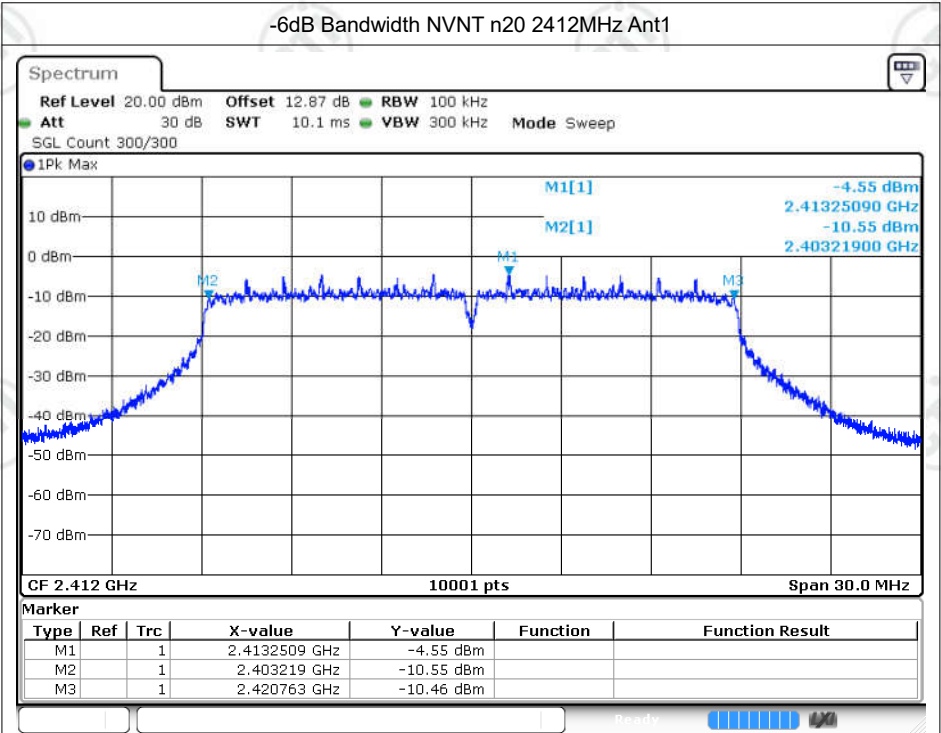
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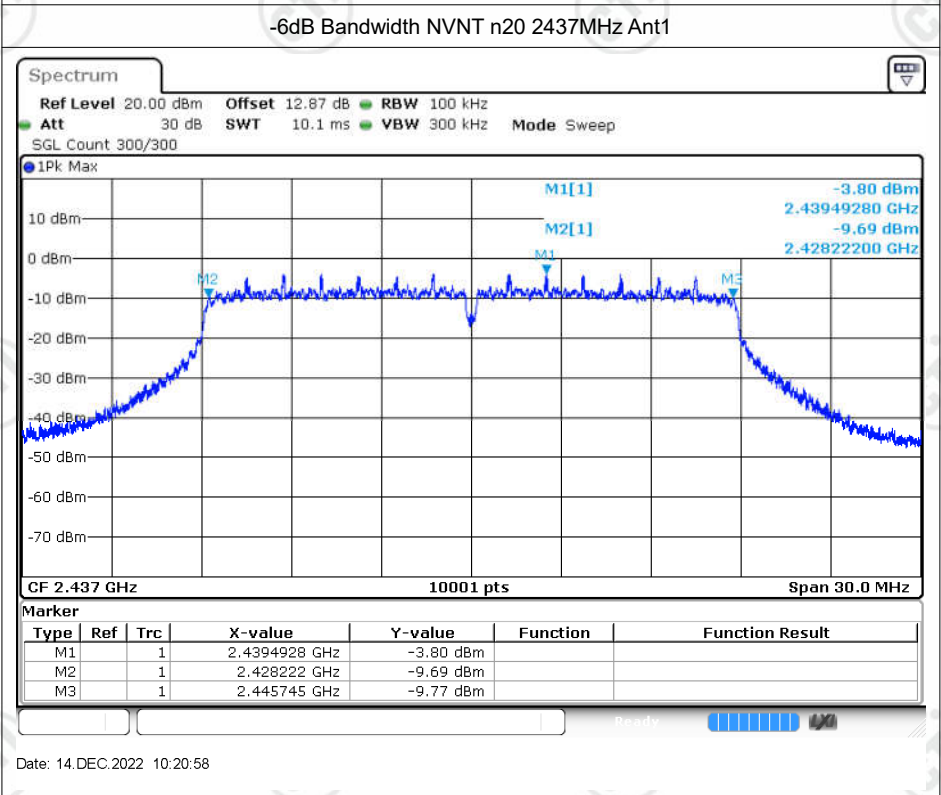
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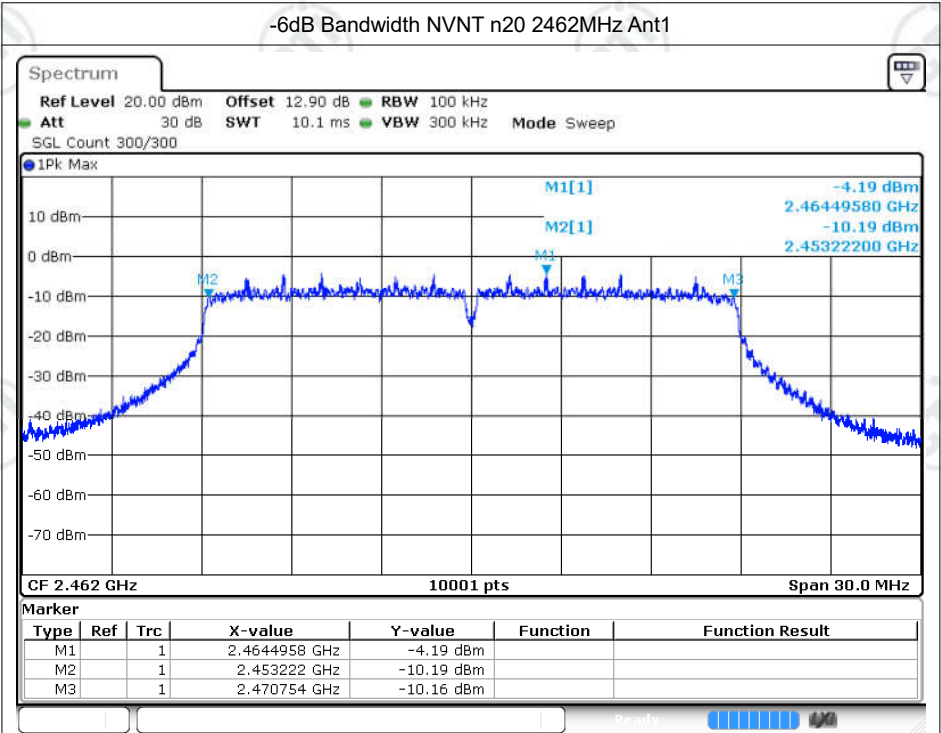
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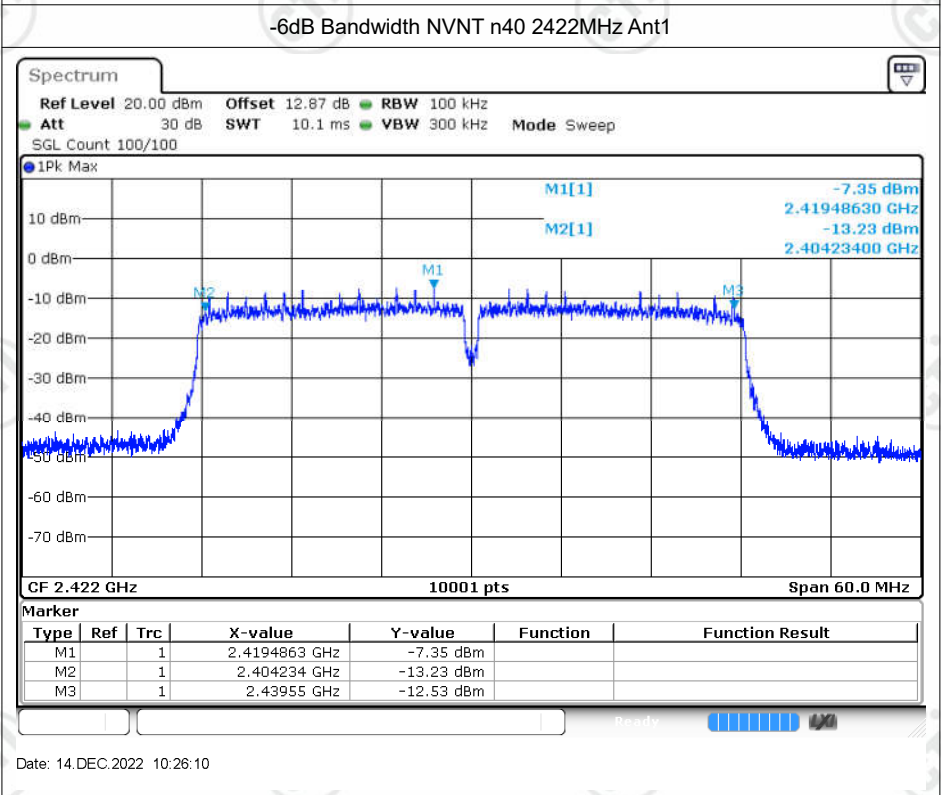
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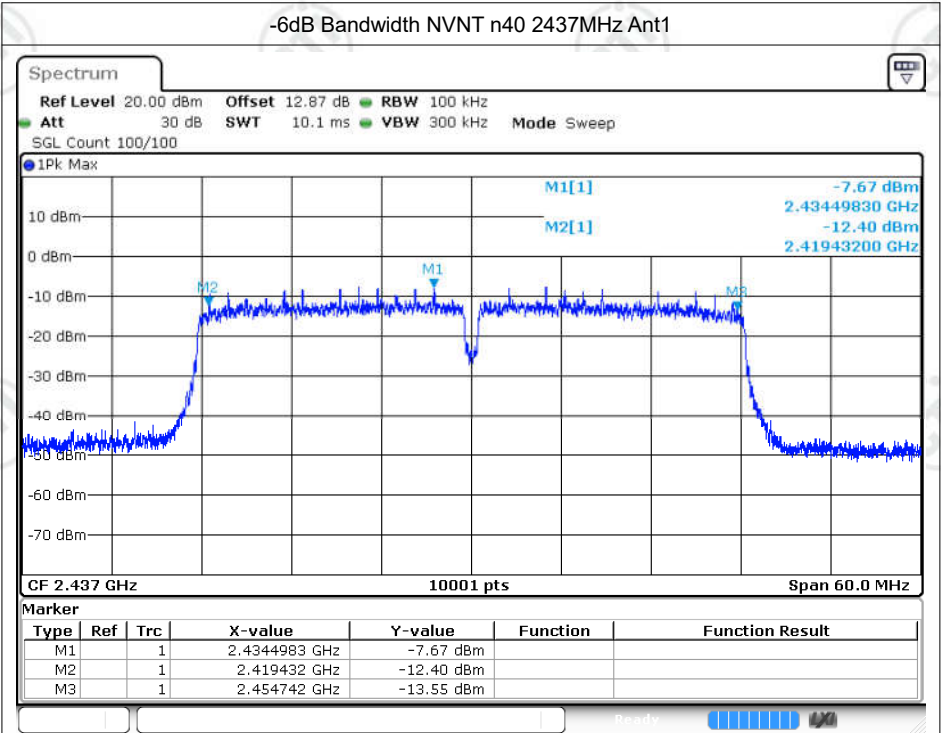
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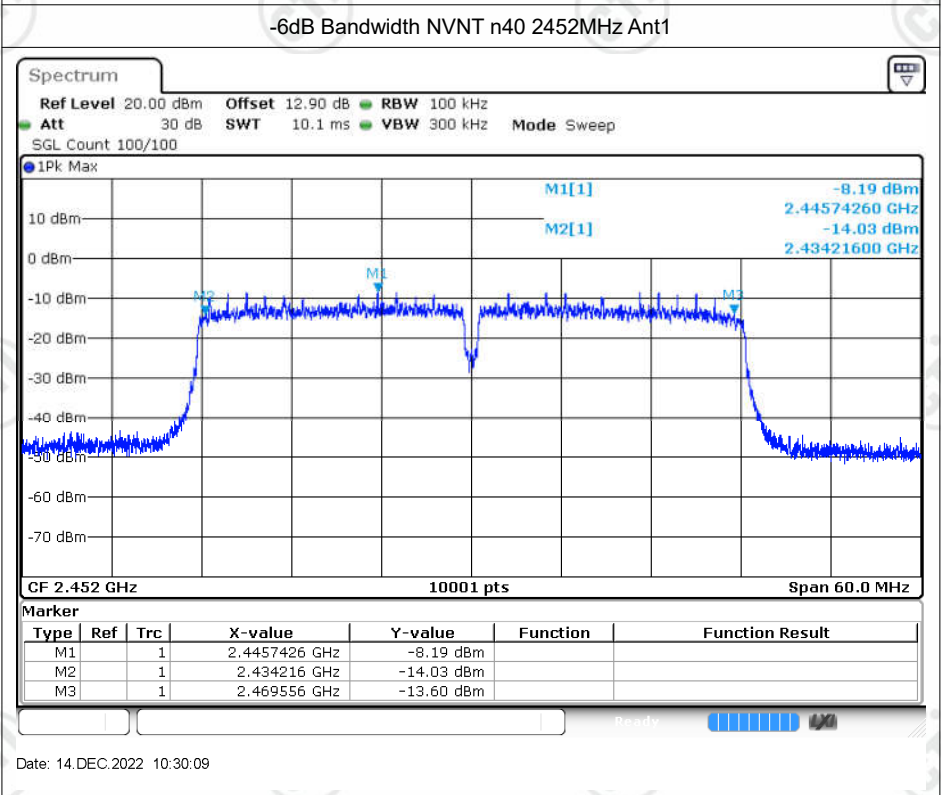
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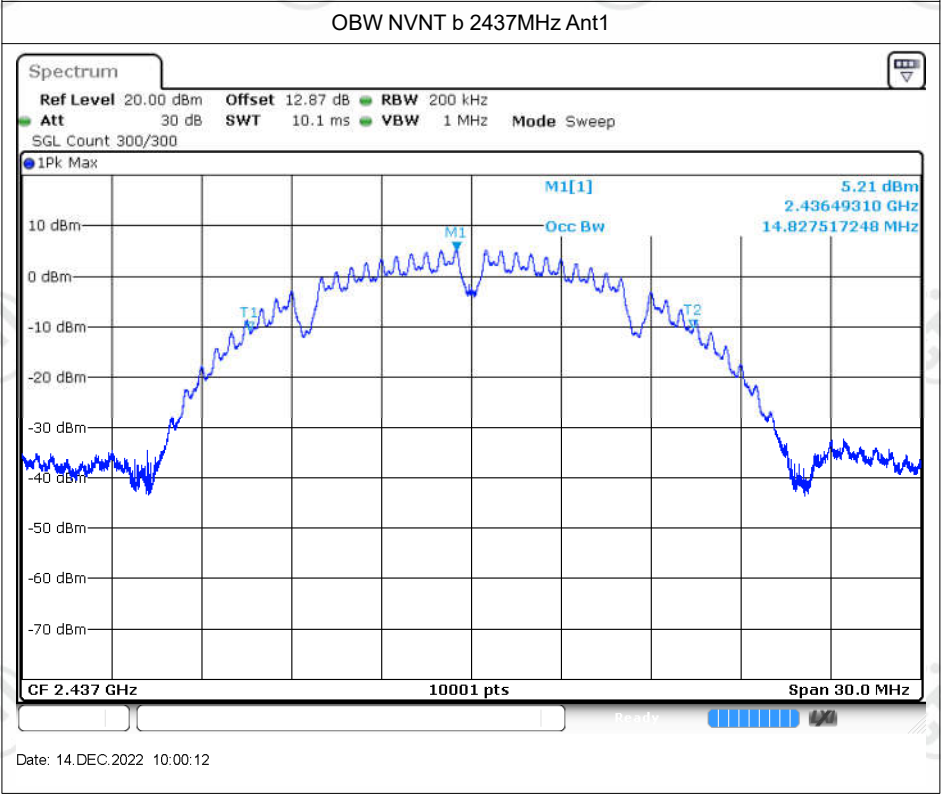
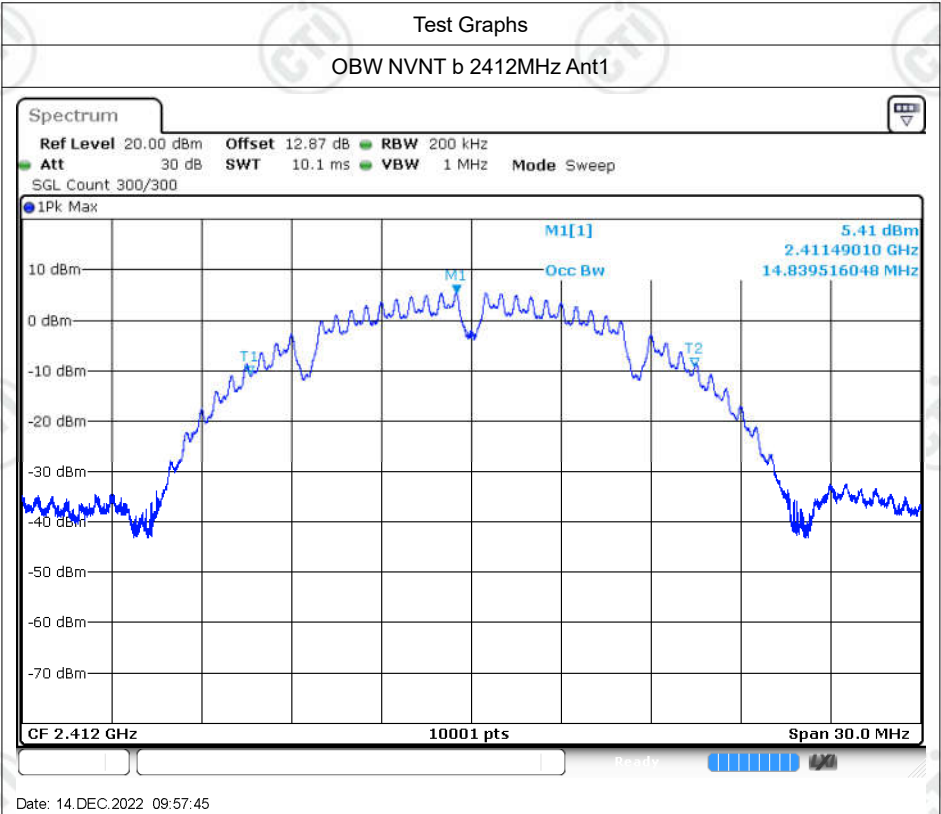
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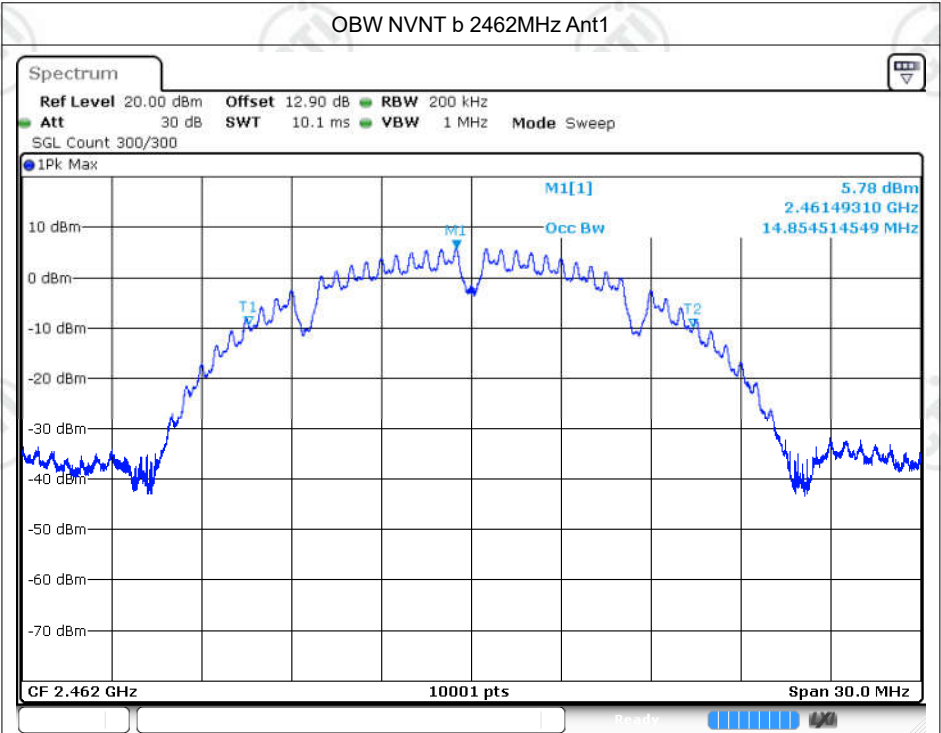


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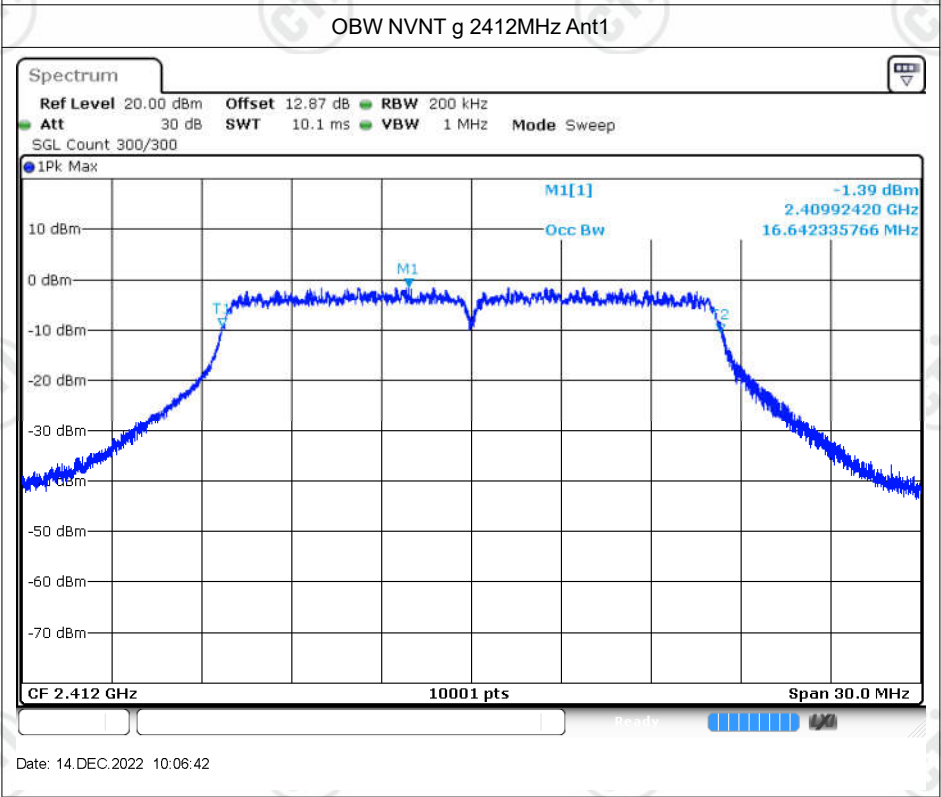
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	14.84
NVNT	b	2437	Ant1	14.828
NVNT	b	2462	Ant1	14.855
NVNT	g	2412	Ant1	16.642
NVNT	g	2437	Ant1	16.645
NVNT	g	2462	Ant1	16.633
NVNT	n20	2412	Ant1	17.725
NVNT	n20	2437	Ant1	17.692
NVNT	n20	2462	Ant1	17.68
NVNT	n40	2422	Ant1	35.87
NVNT	n40	2437	Ant1	35.924
NVNT	n40	2452	Ant1	35.858

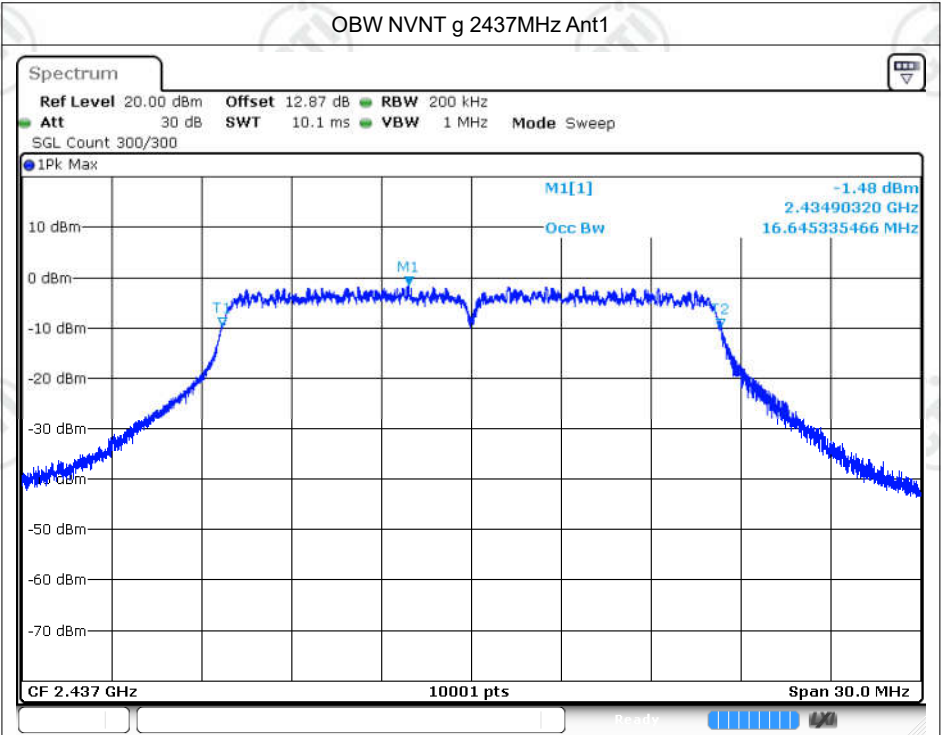




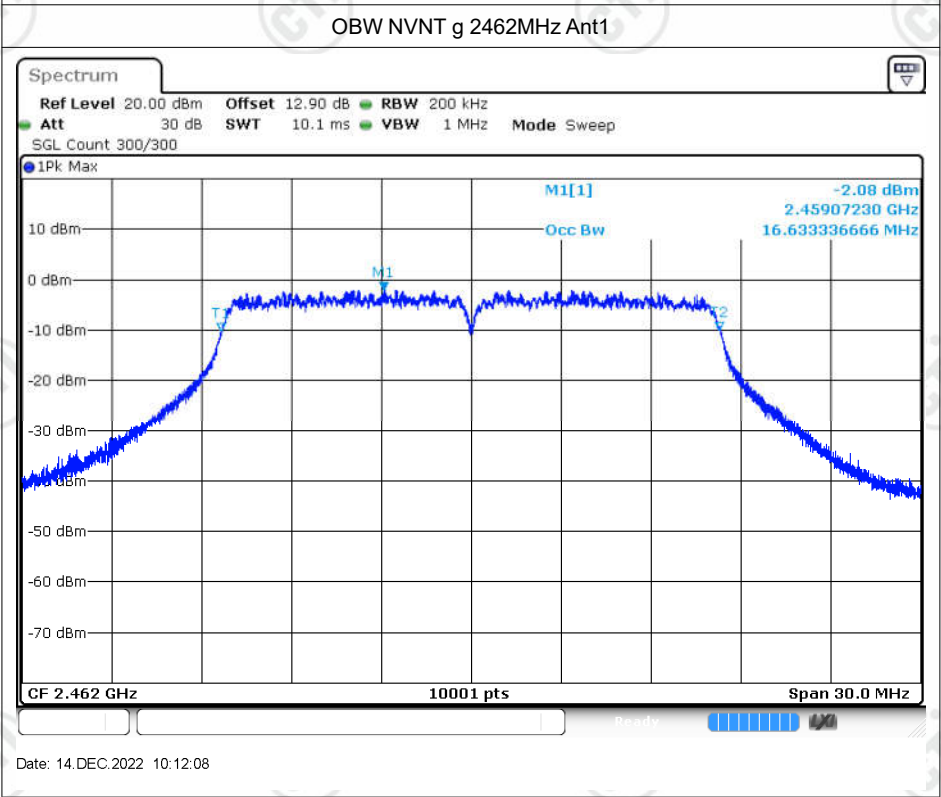
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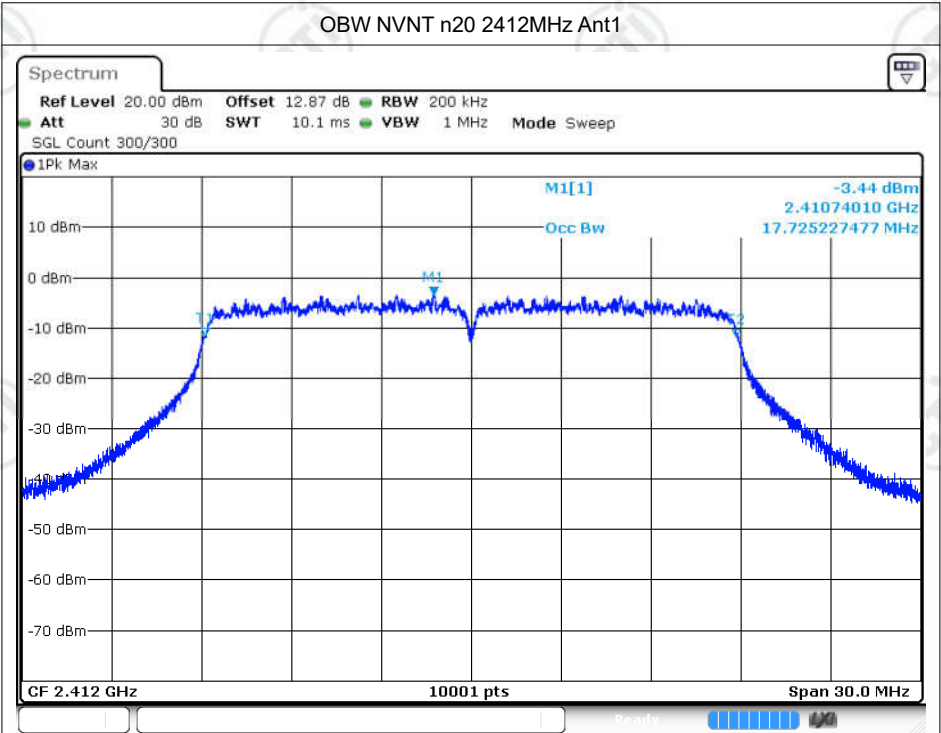
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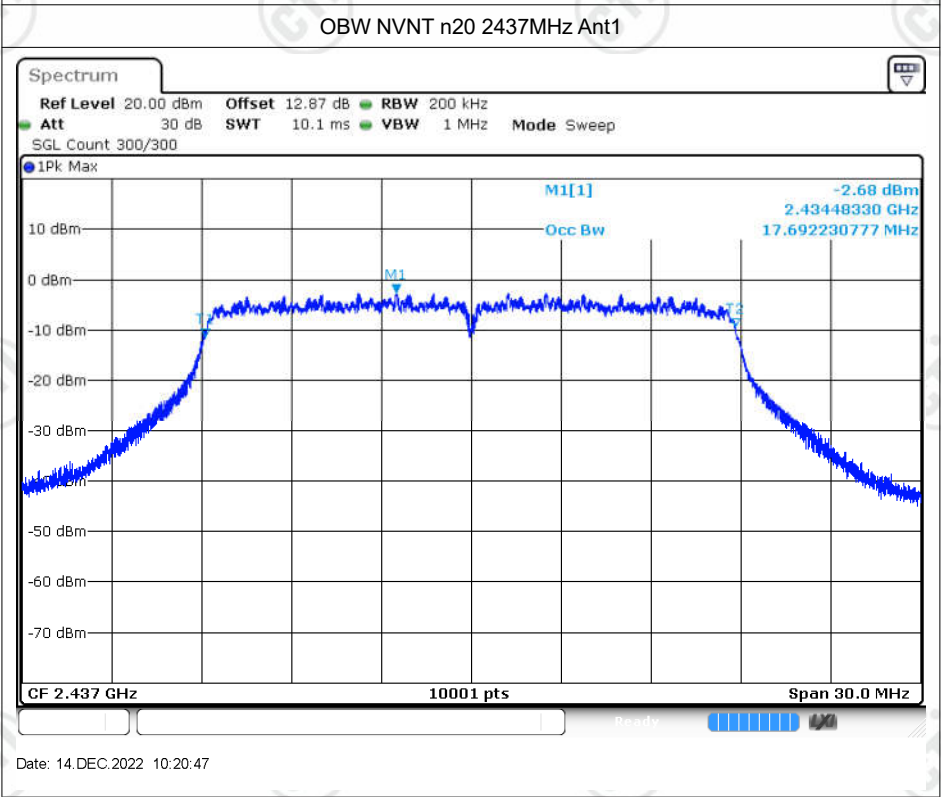
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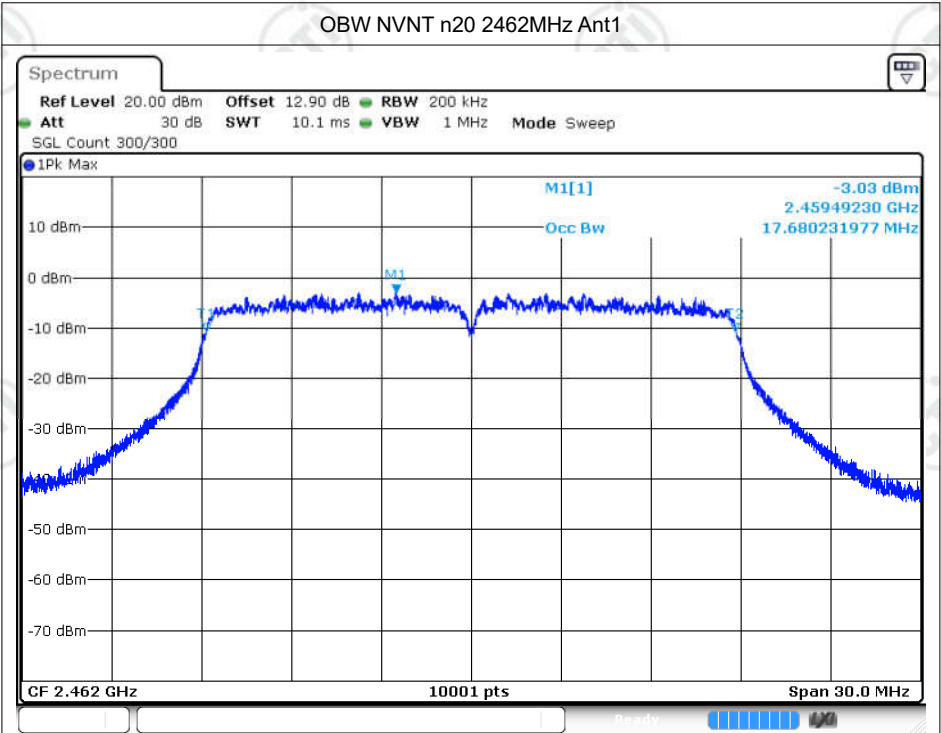
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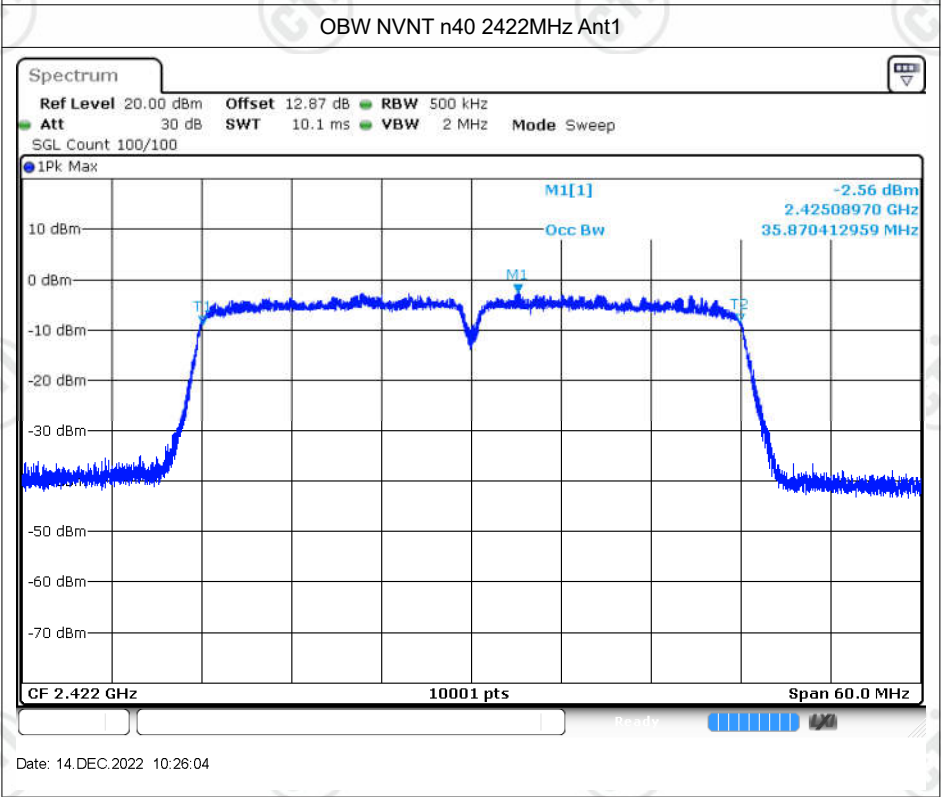
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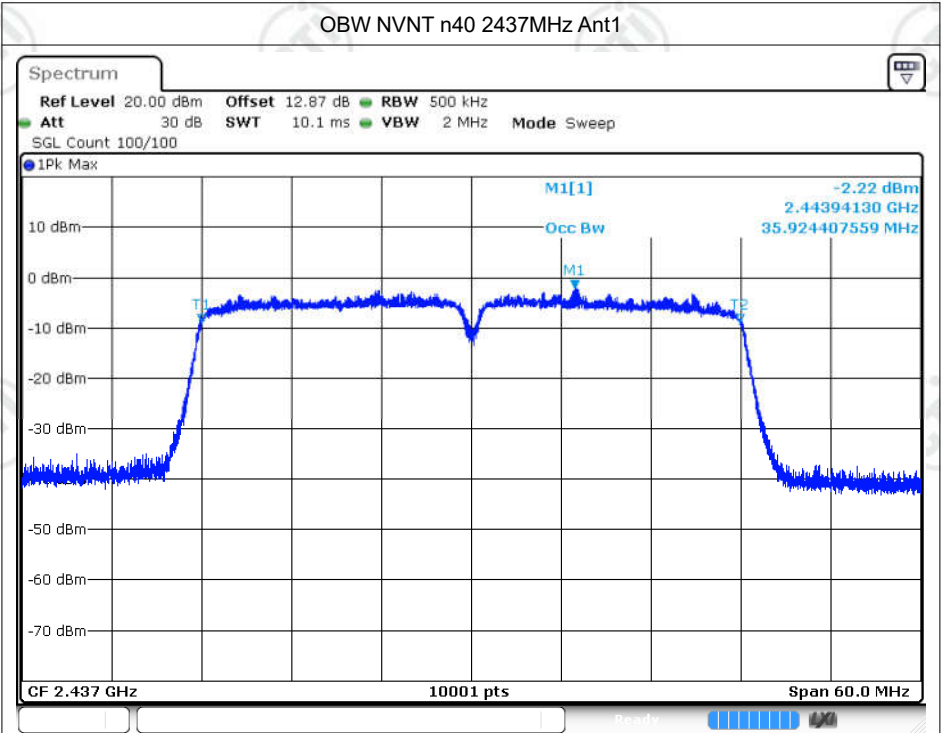
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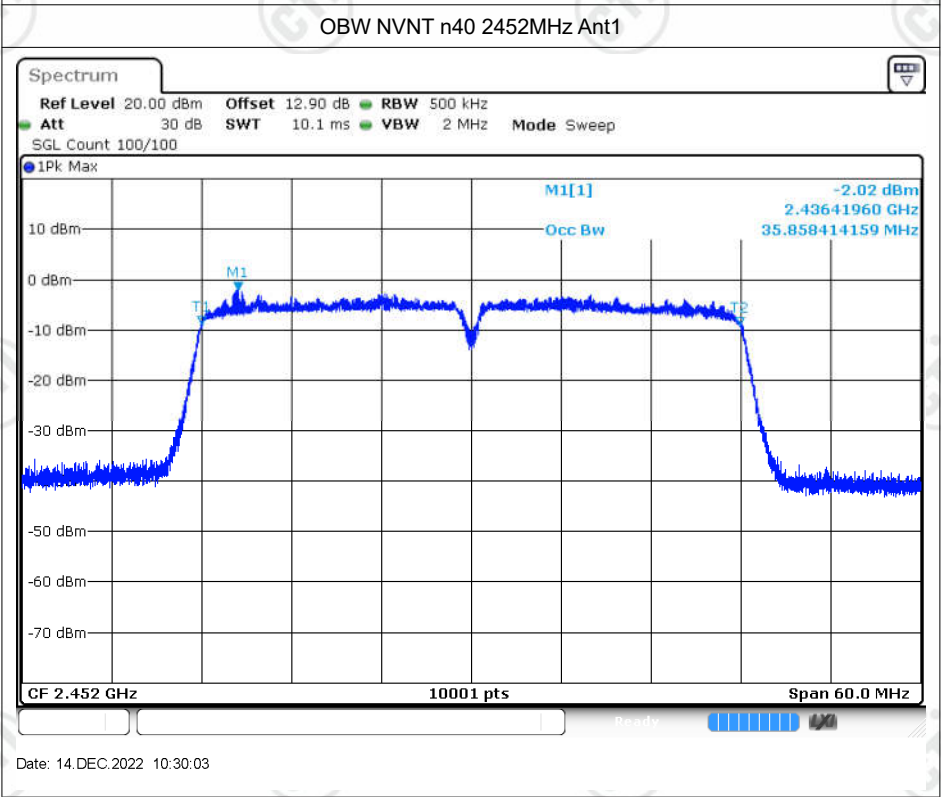
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Date: 14.DEC.2022 10:26:04



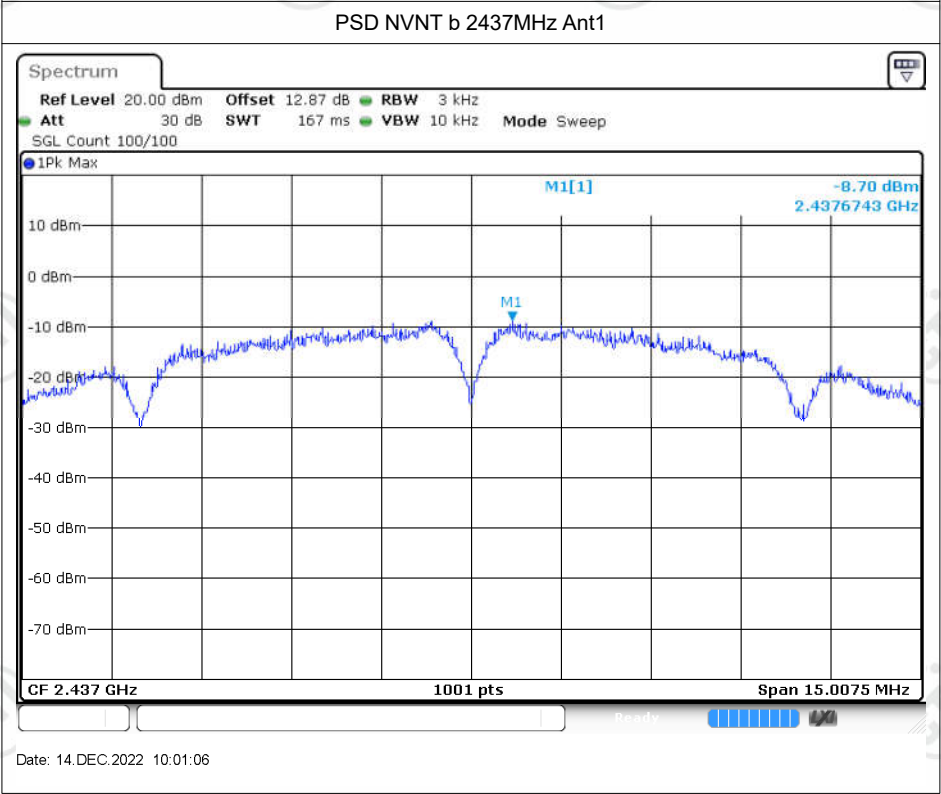
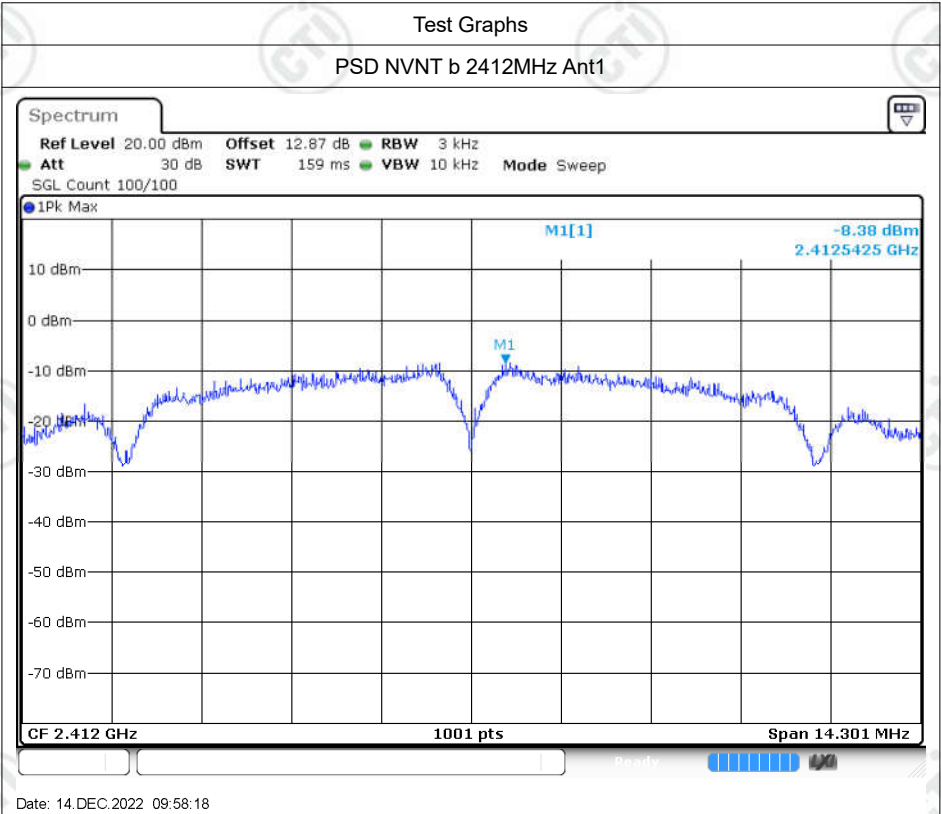
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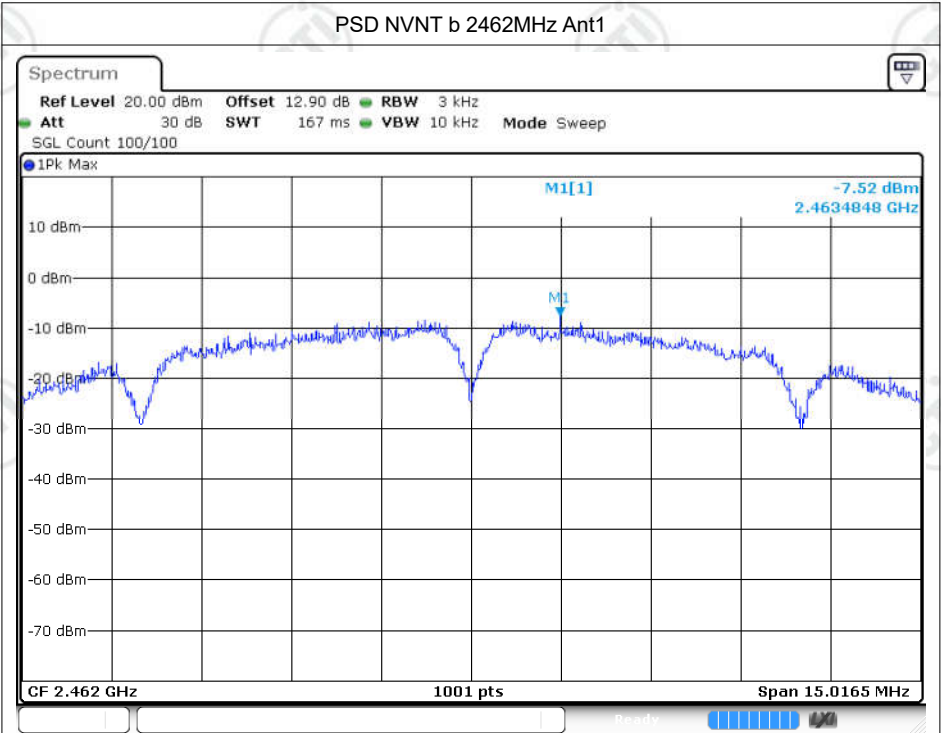


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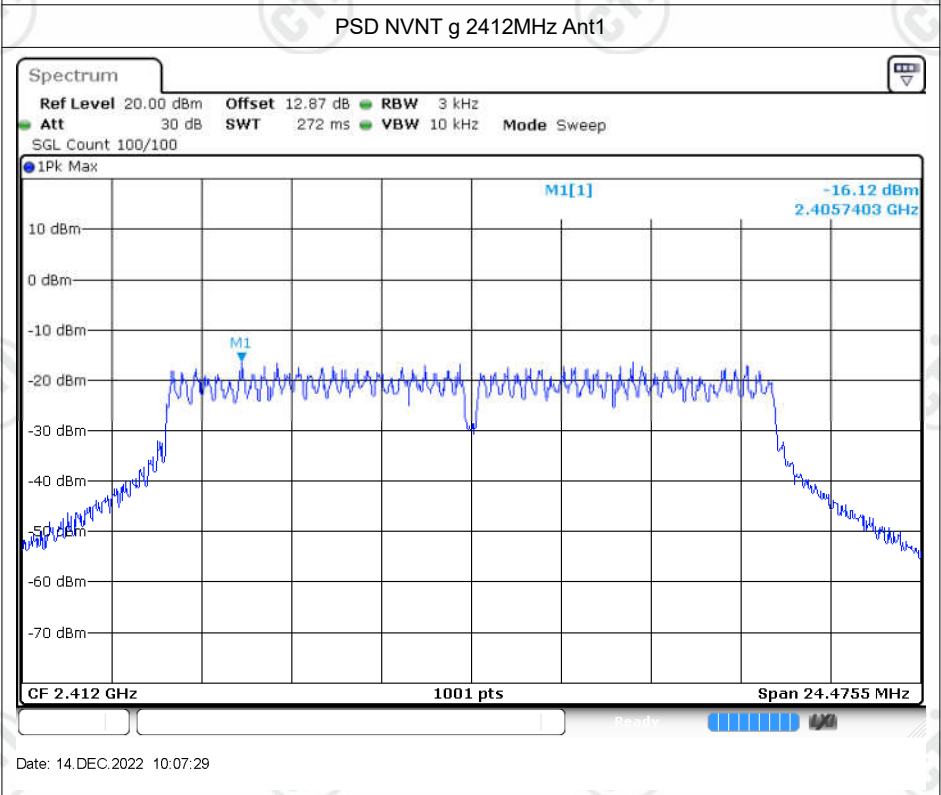
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-8.38	0	-8.38	8	Pass
NVNT	b	2437	Ant1	-8.7	0	-8.7	8	Pass
NVNT	b	2462	Ant1	-7.52	0	-7.52	8	Pass
NVNT	g	2412	Ant1	-16.12	0	-16.12	8	Pass
NVNT	g	2437	Ant1	-16.21	0	-16.21	8	Pass
NVNT	g	2462	Ant1	-16.59	0	-16.59	8	Pass
NVNT	n20	2412	Ant1	-17.85	0	-17.85	8	Pass
NVNT	n20	2437	Ant1	-17.98	0	-17.98	8	Pass
NVNT	n20	2462	Ant1	-18.09	0	-18.09	8	Pass
NVNT	n40	2422	Ant1	-22.07	0	-22.07	8	Pass
NVNT	n40	2437	Ant1	-19.96	0	-19.96	8	Pass
NVNT	n40	2452	Ant1	-21.42	0	-21.42	8	Pass

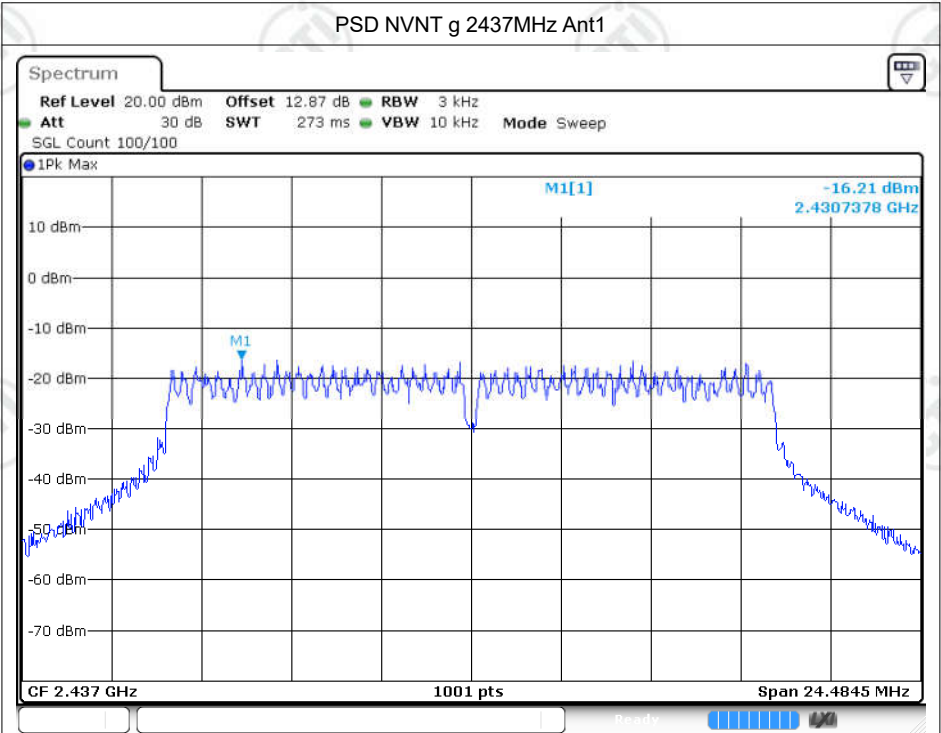




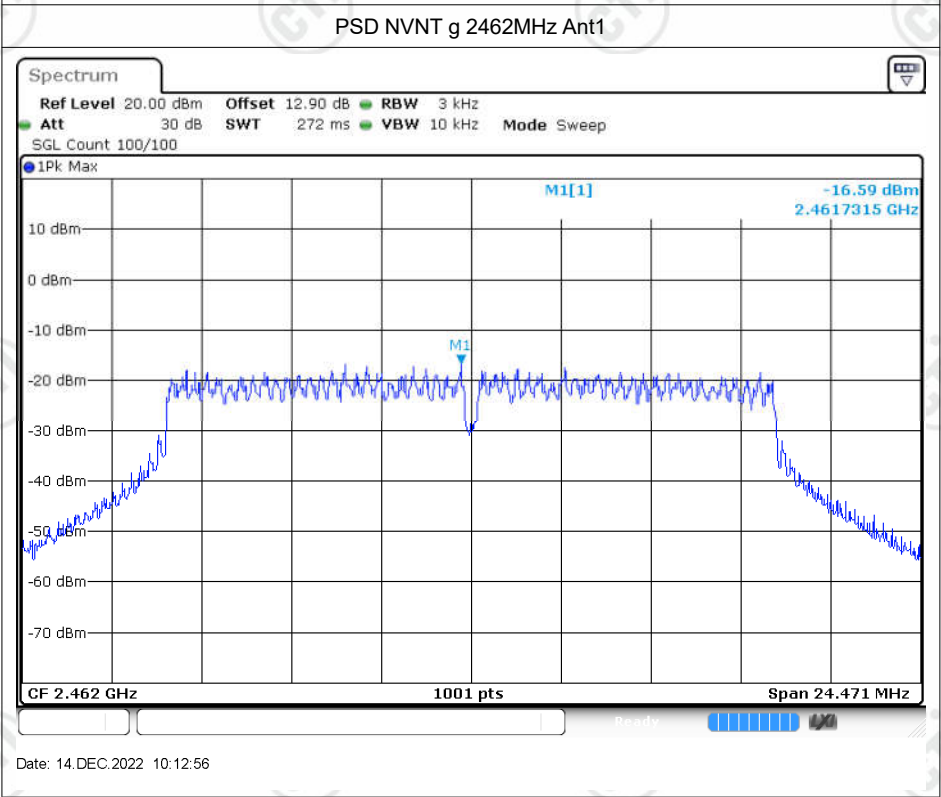
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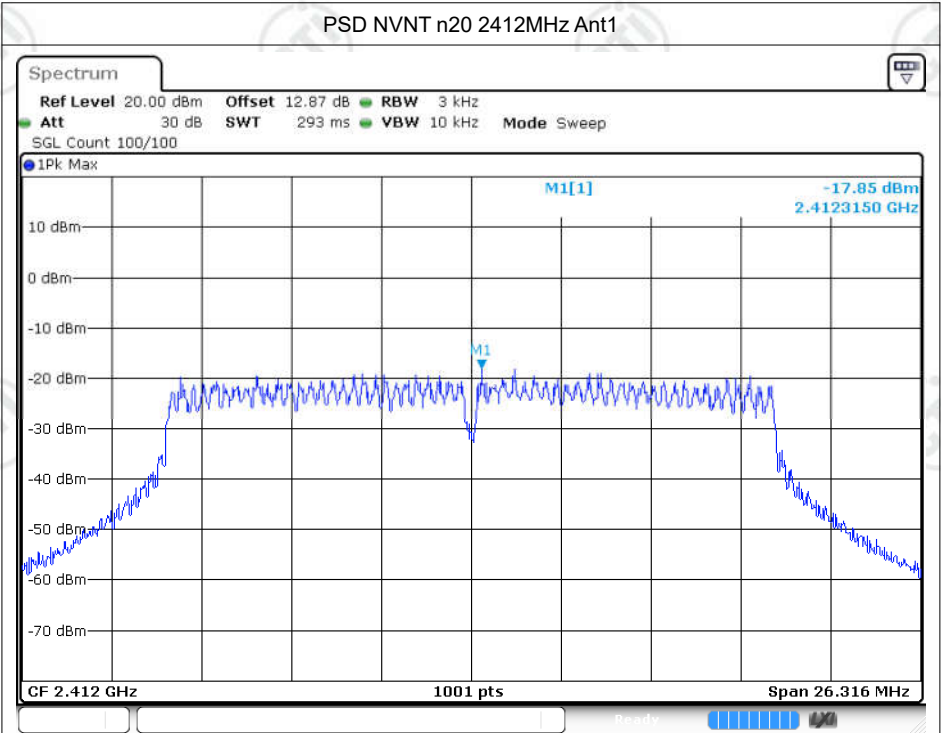
Date: 14.DEC.2022 10:07:29



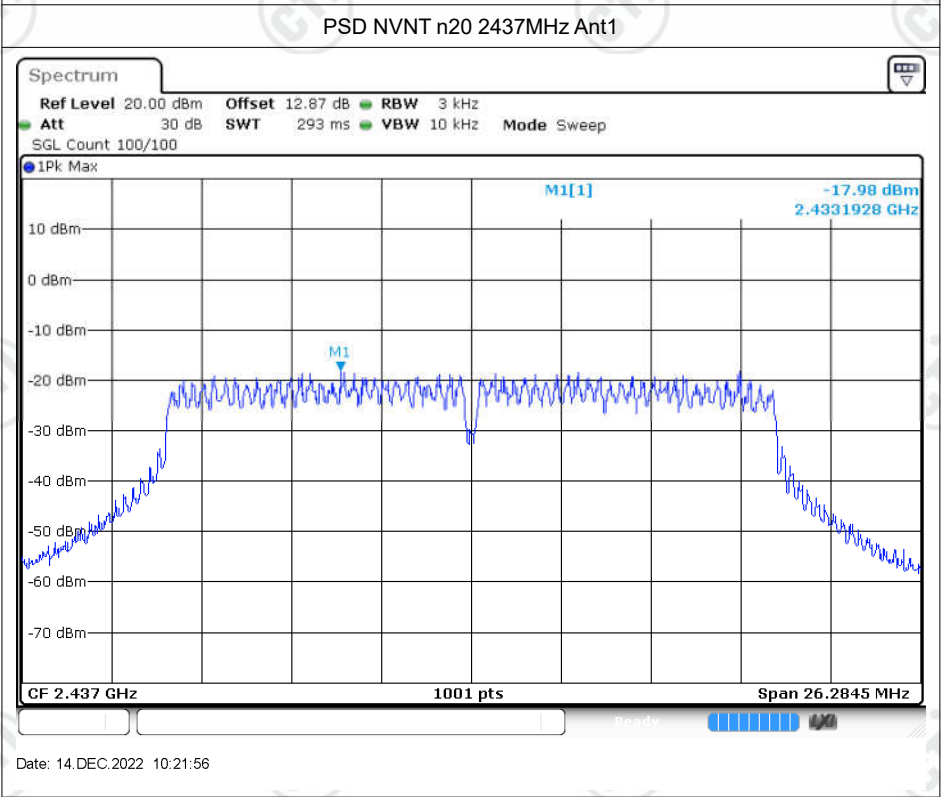
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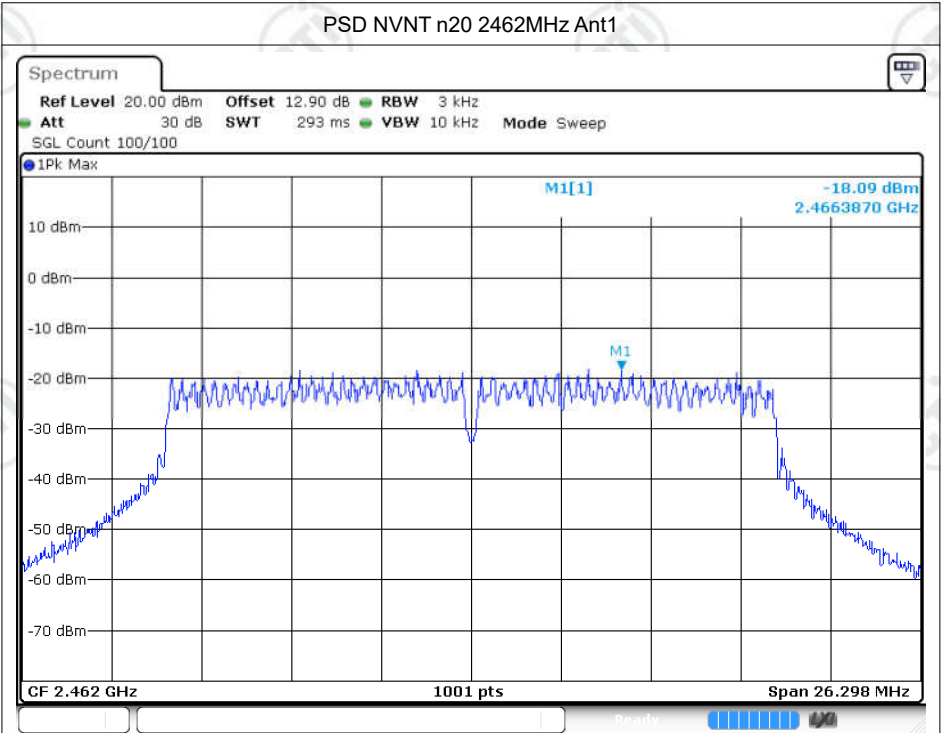
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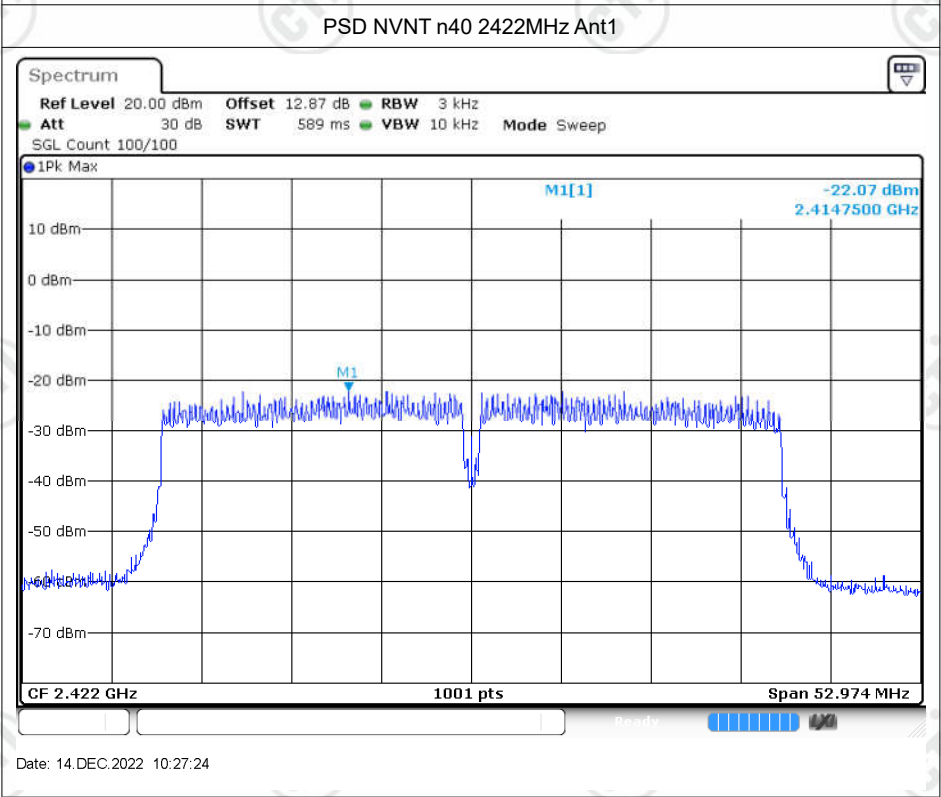
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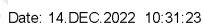
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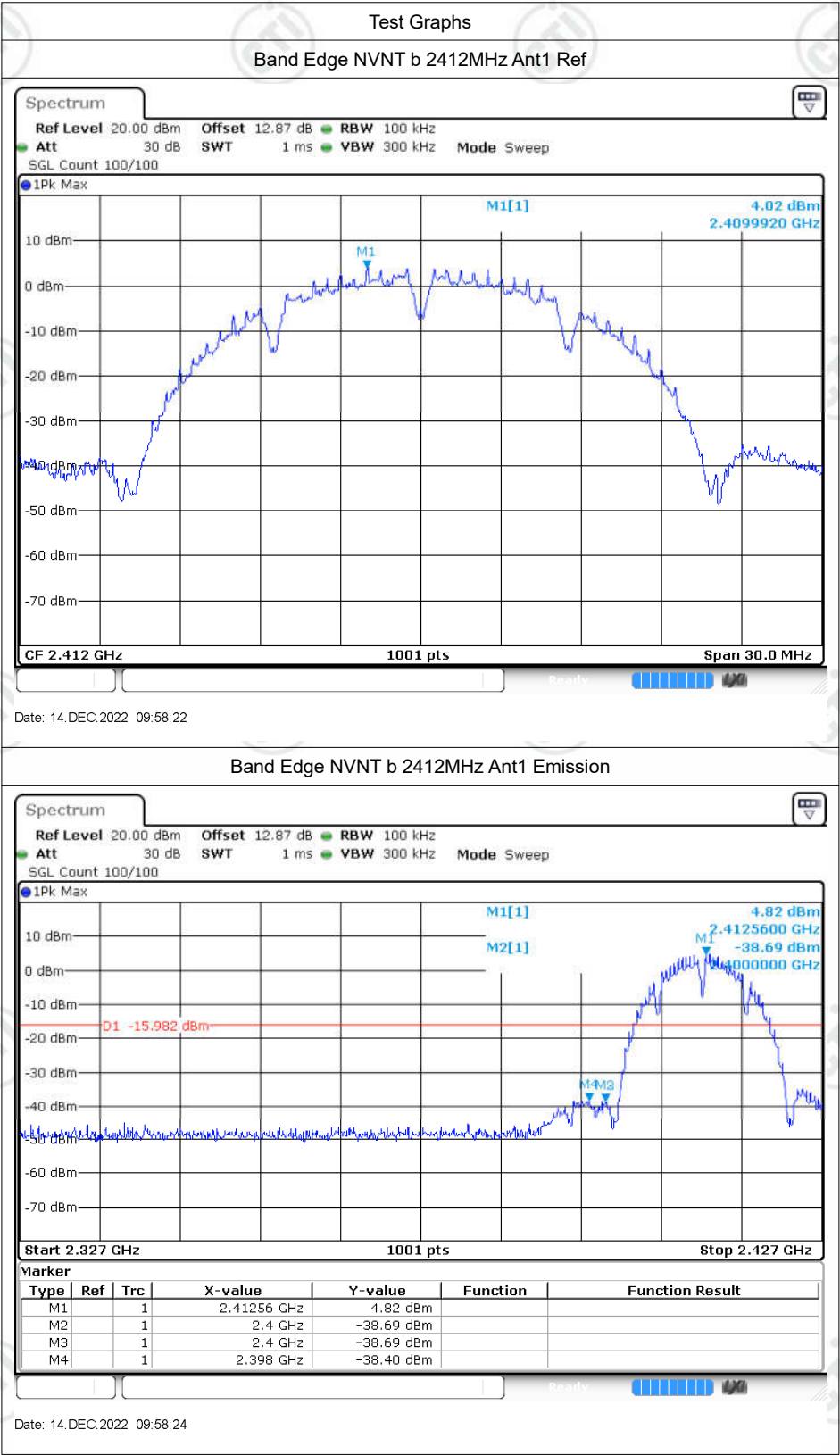


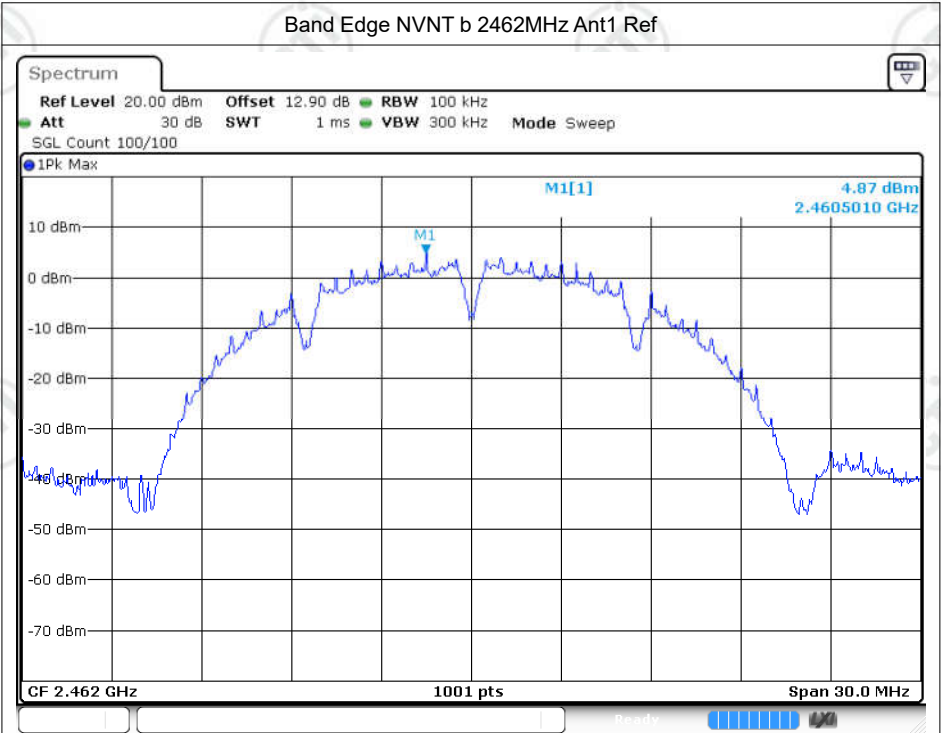
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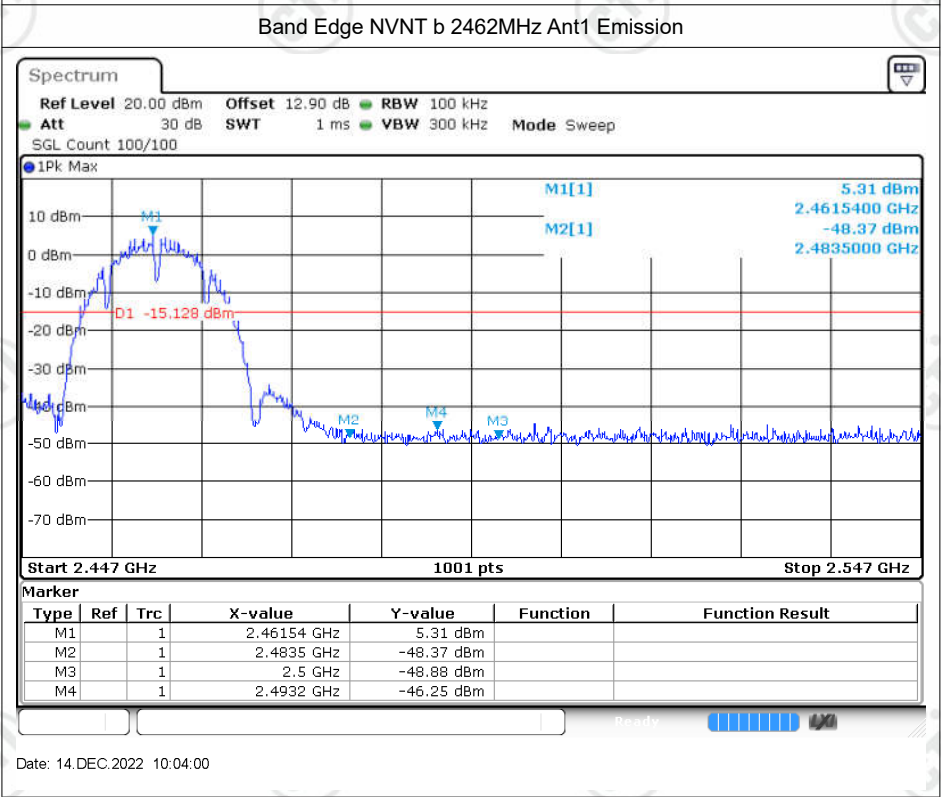
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-42.41	-20	Pass
NVNT	b	2462	Ant1	-51.12	-20	Pass
NVNT	g	2412	Ant1	-34.43	-20	Pass
NVNT	g	2462	Ant1	-42.58	-20	Pass
NVNT	n20	2412	Ant1	-34.22	-20	Pass
NVNT	n20	2462	Ant1	-41.51	-20	Pass
NVNT	n40	2422	Ant1	-36.81	-20	Pass
NVNT	n40	2452	Ant1	-37.04	-20	Pass

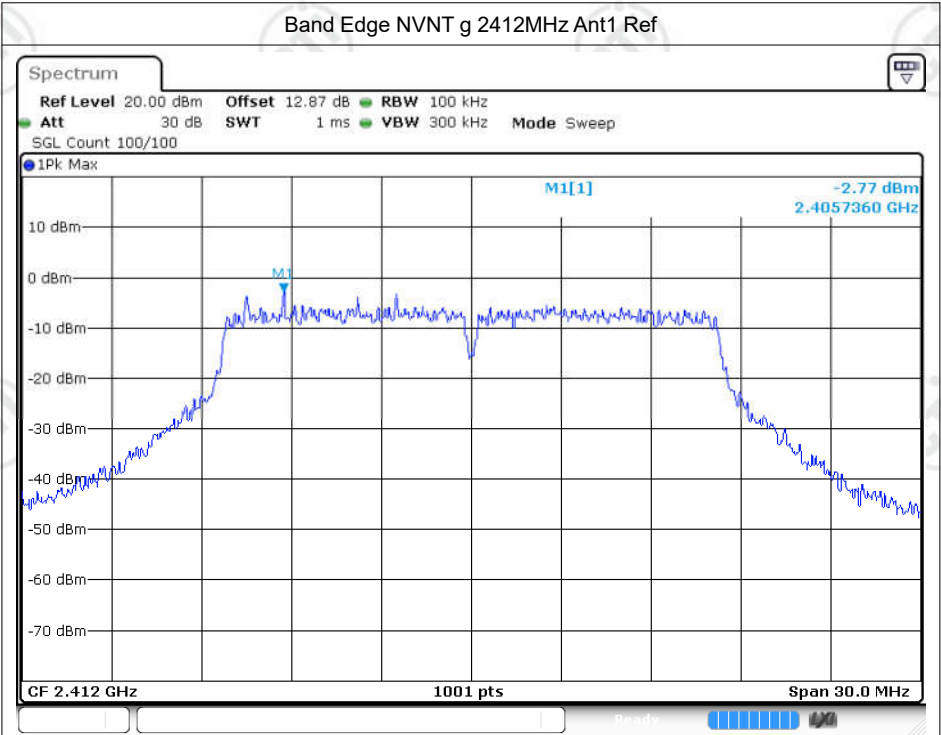




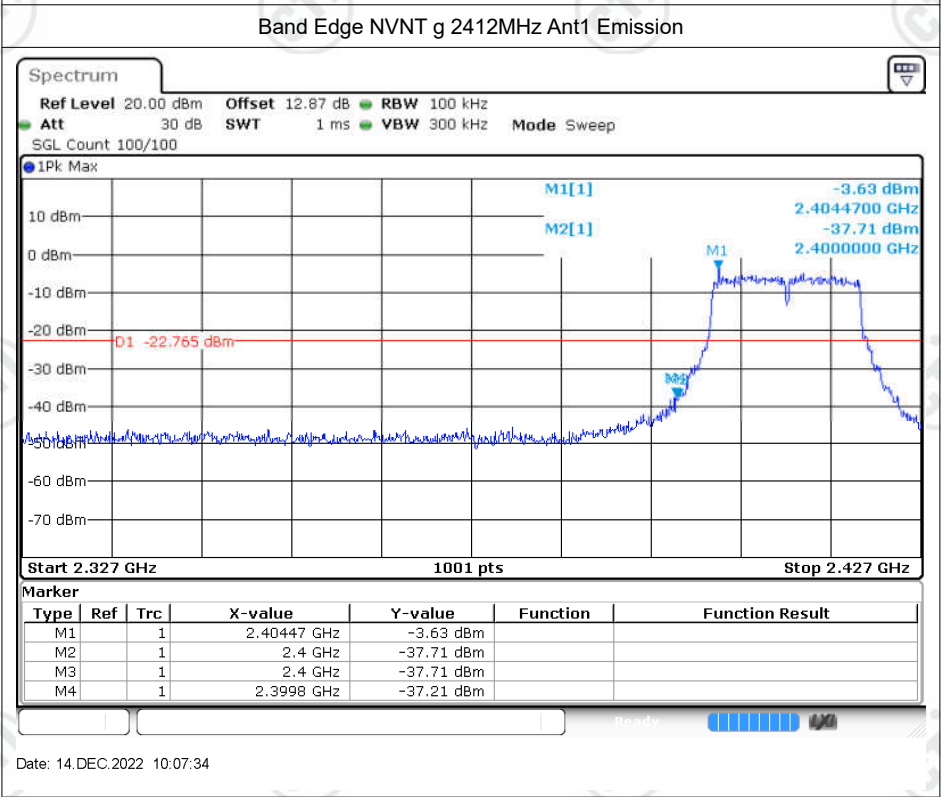
Date: 14.DEC.2022 10:03:59



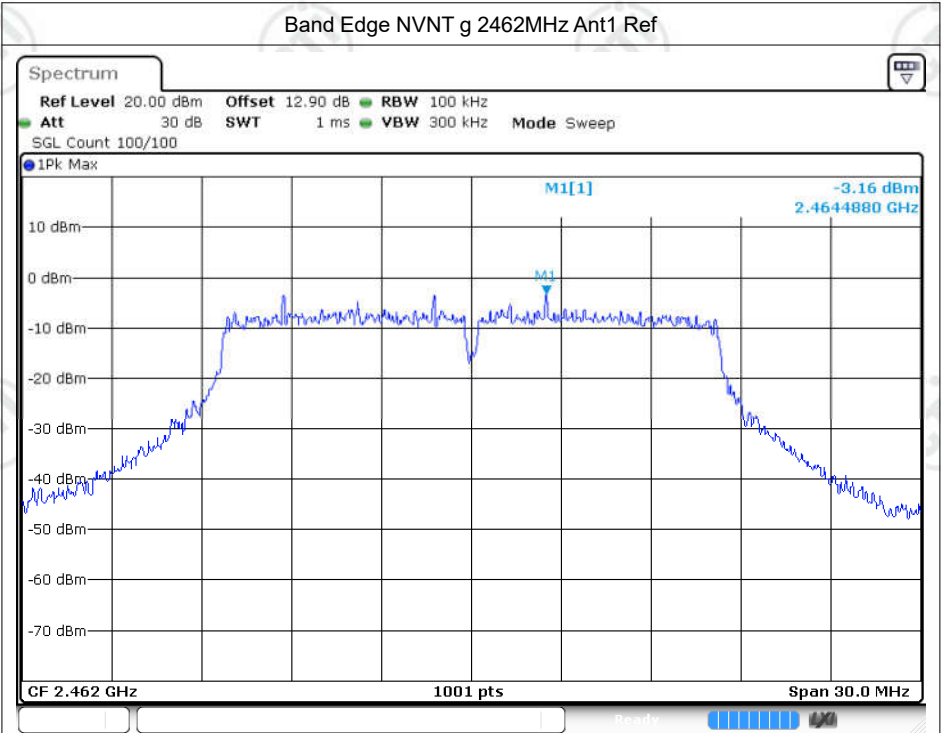
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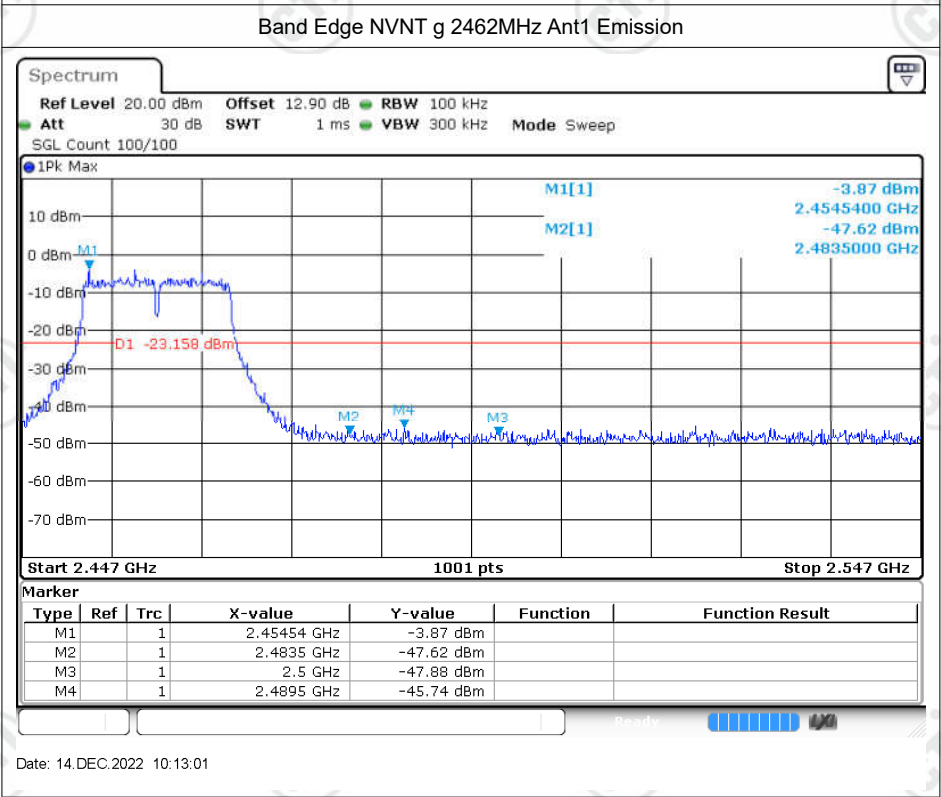
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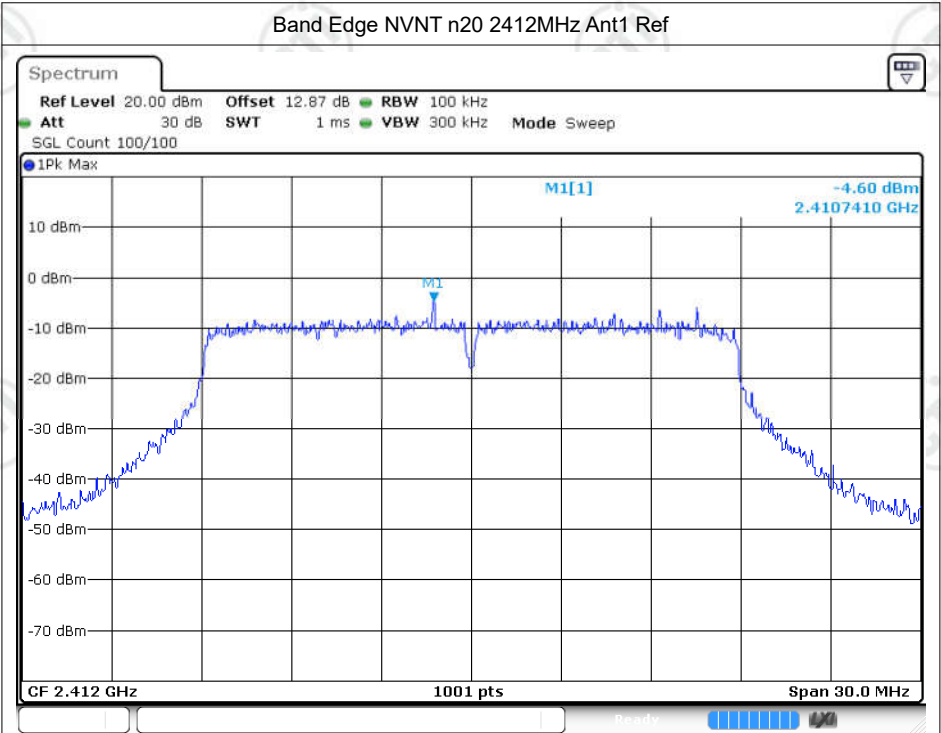
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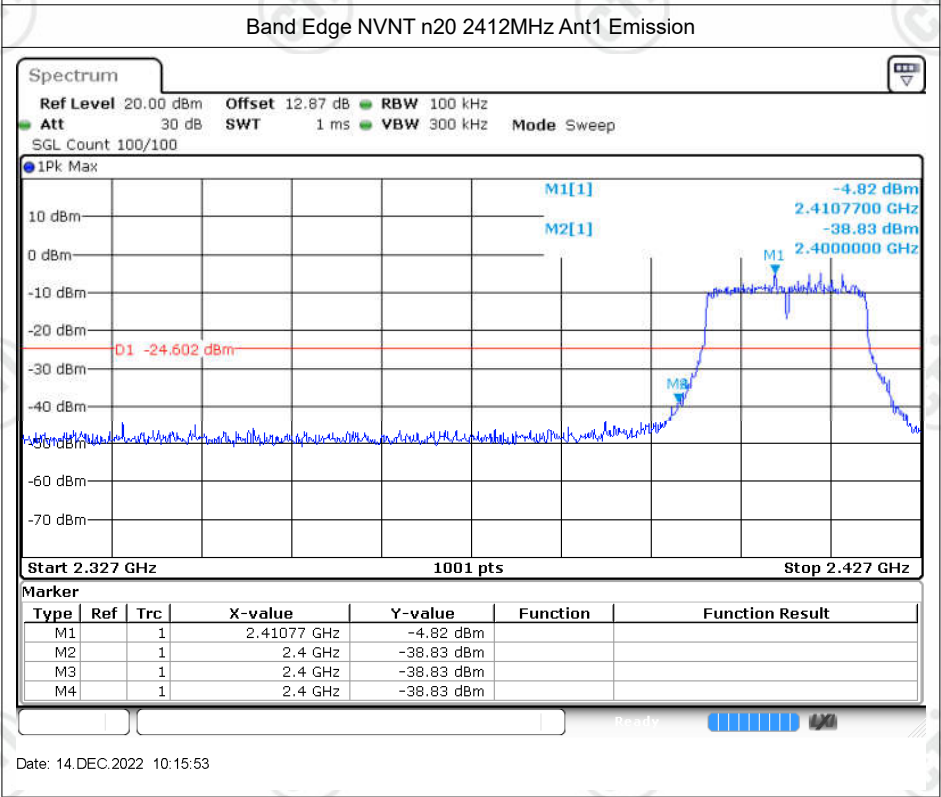
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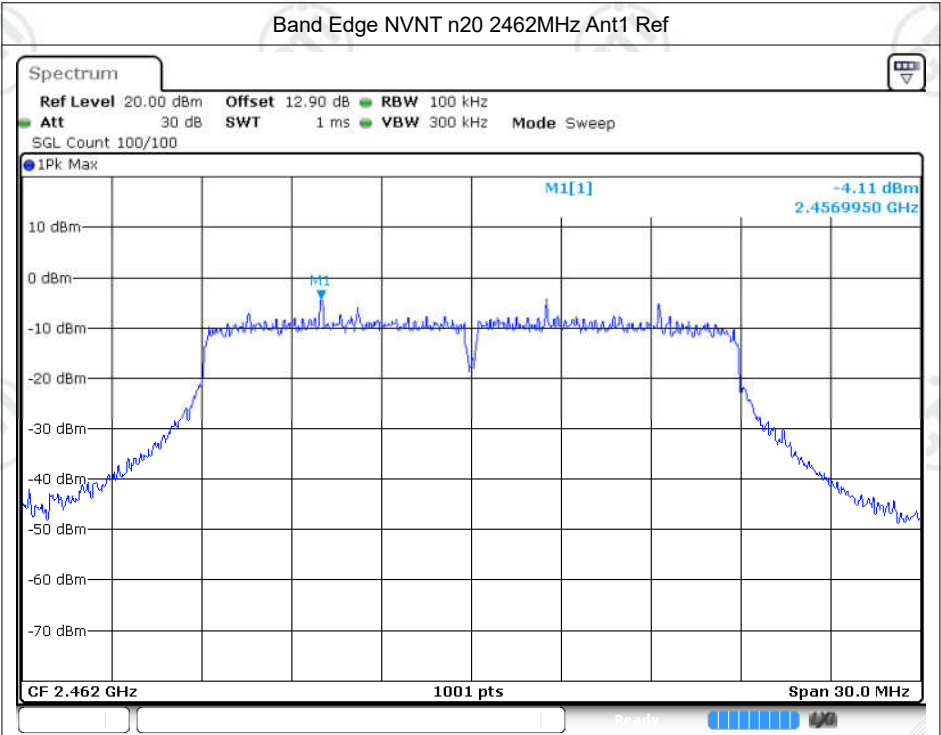
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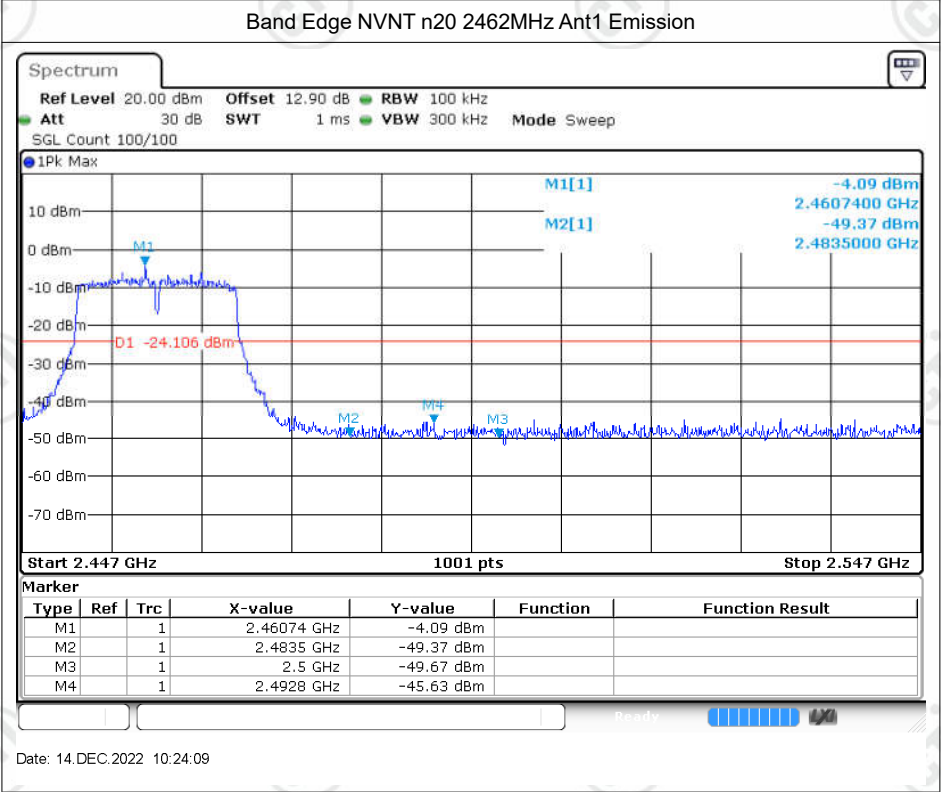
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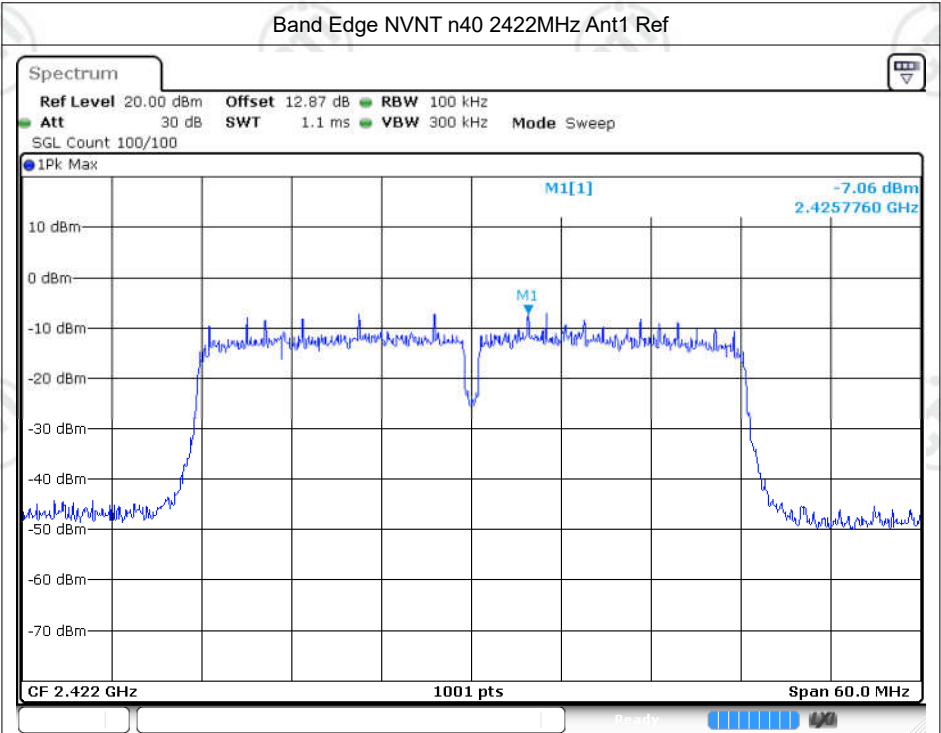
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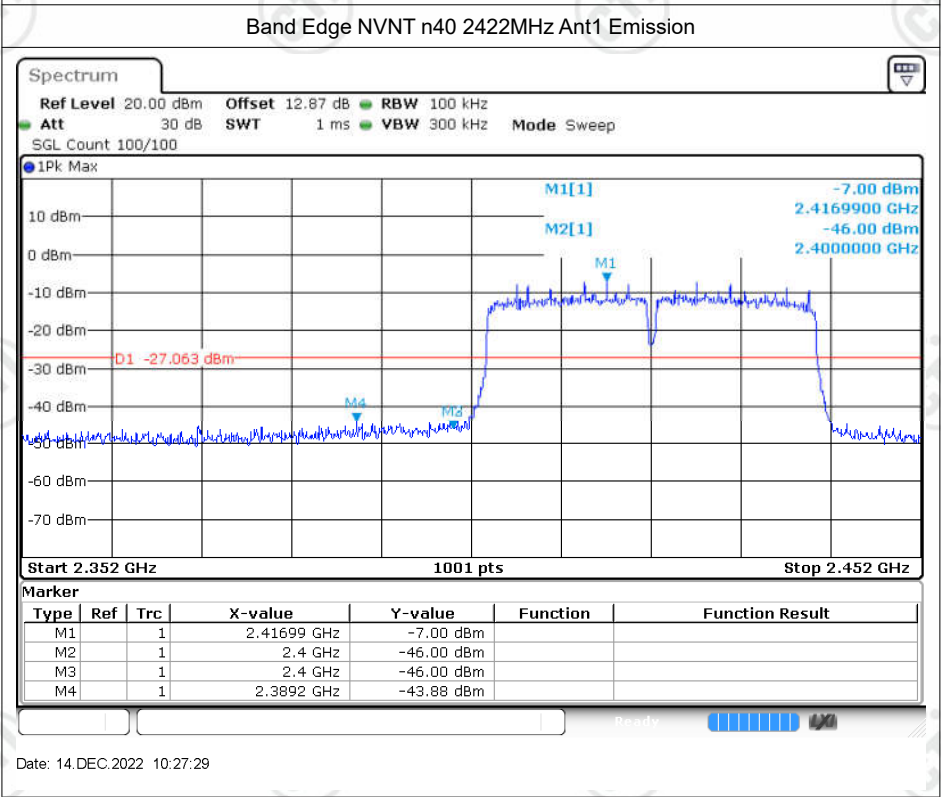
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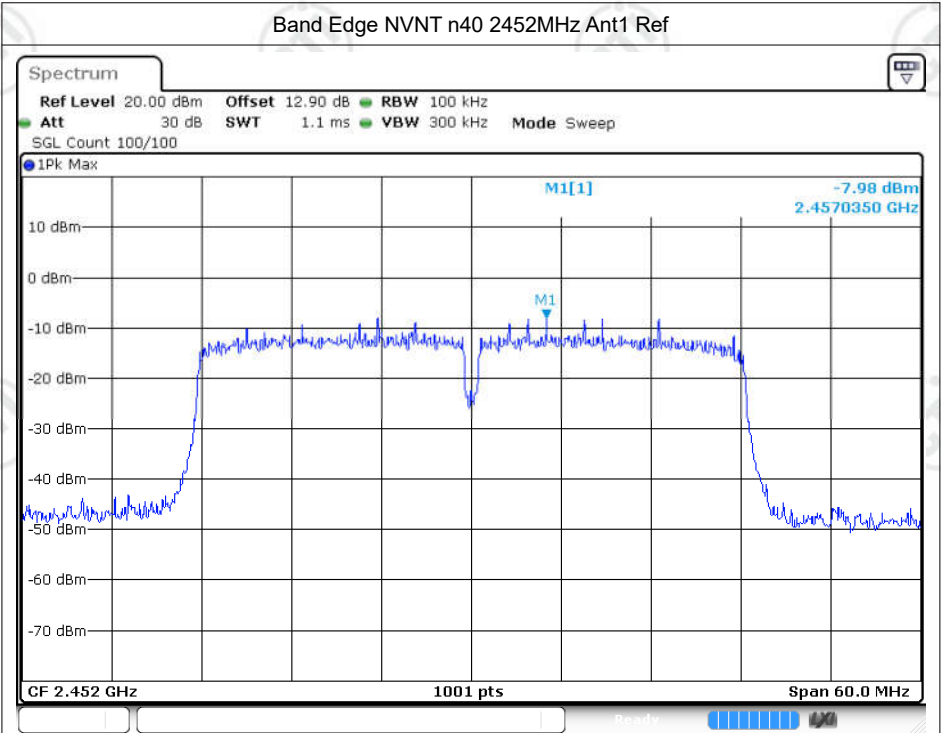
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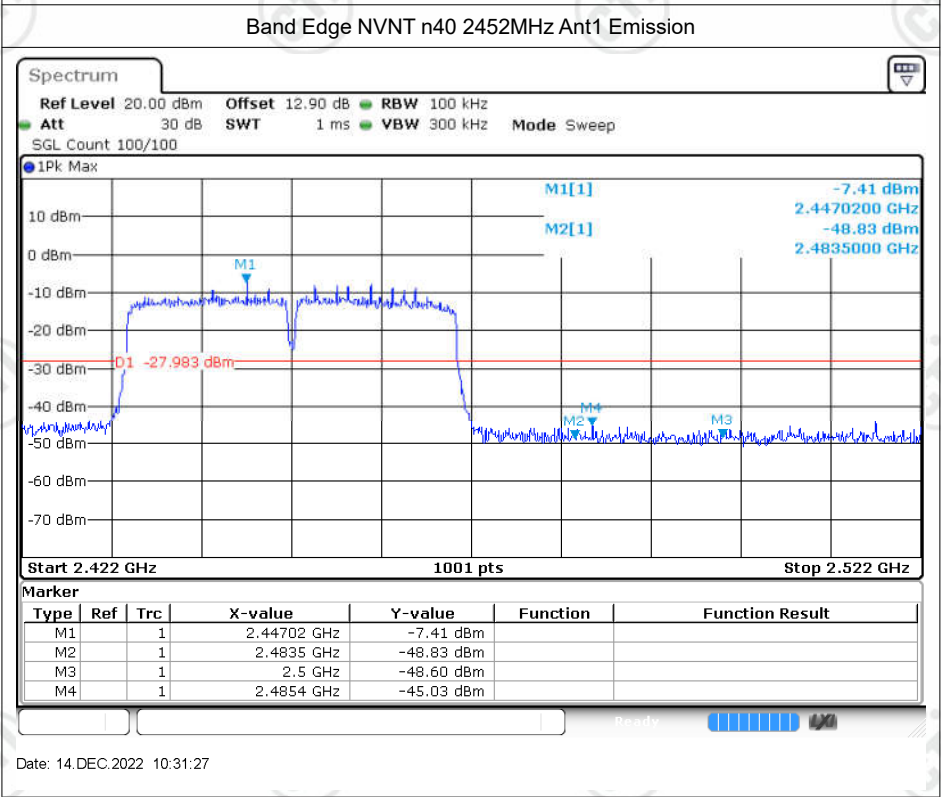
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Date: 14.DEC.2022 10:27:29



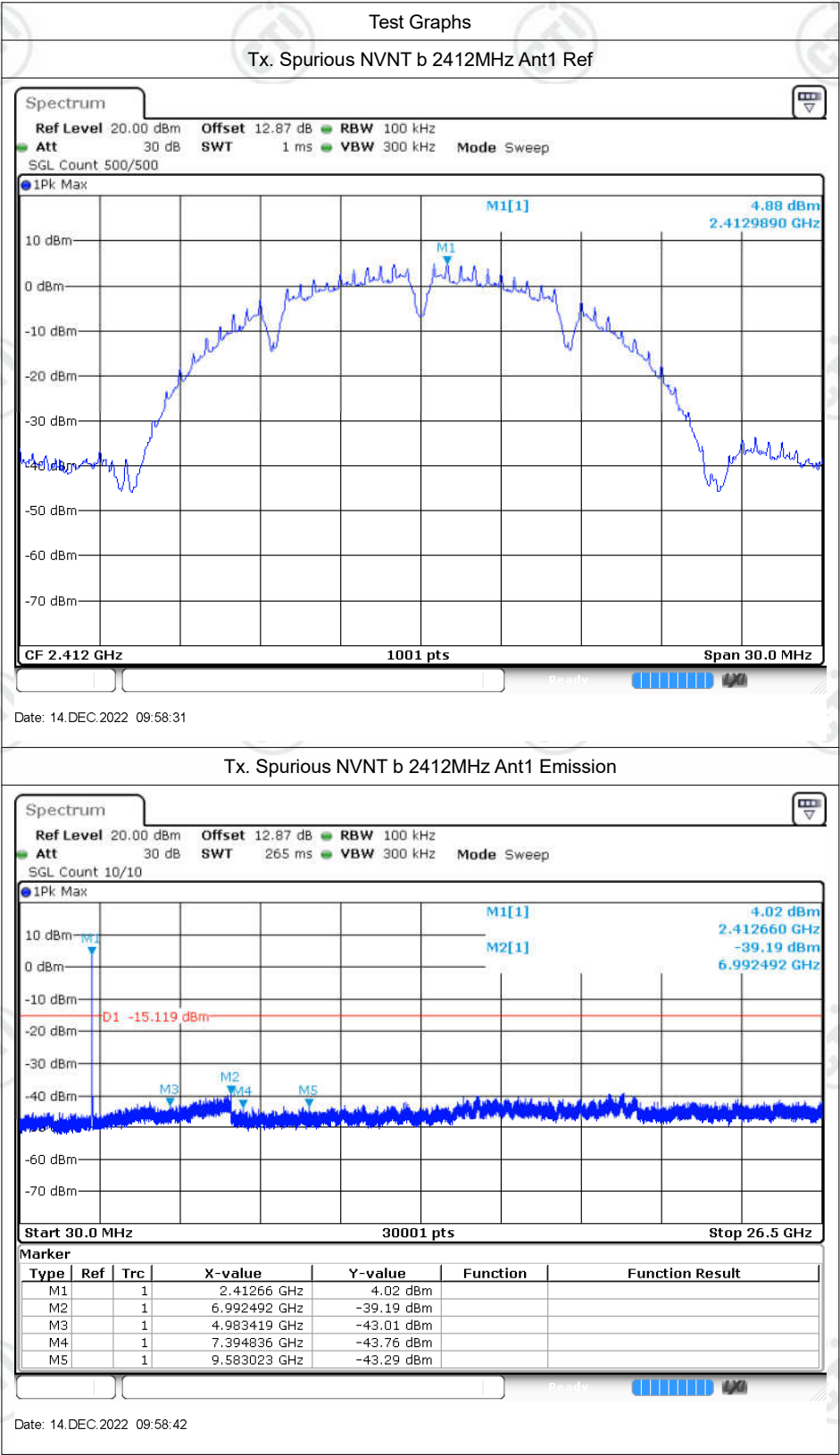
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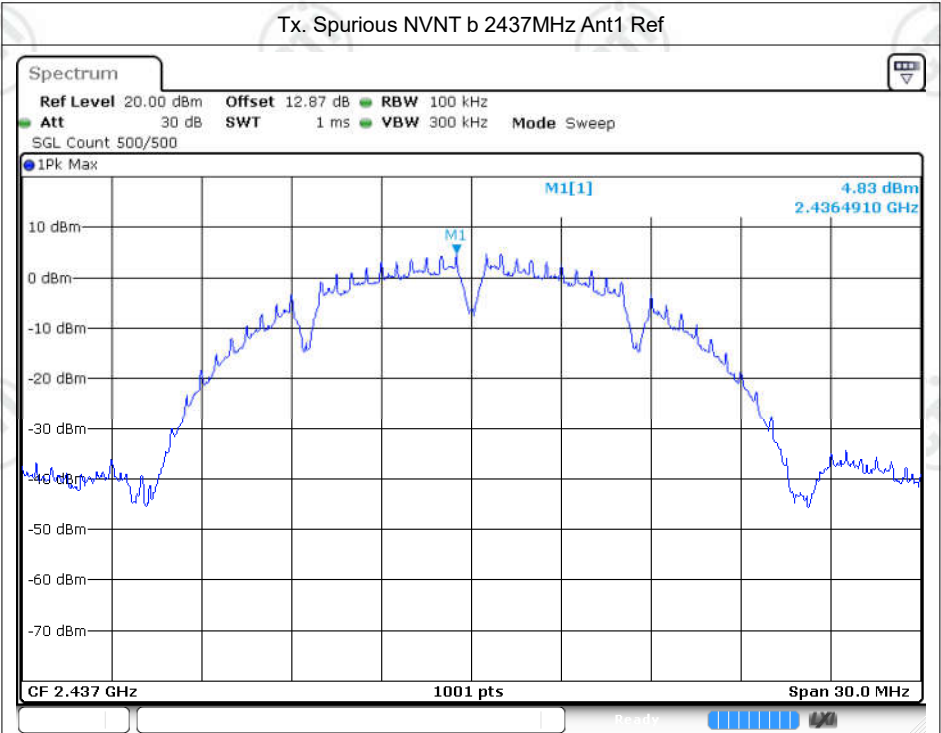


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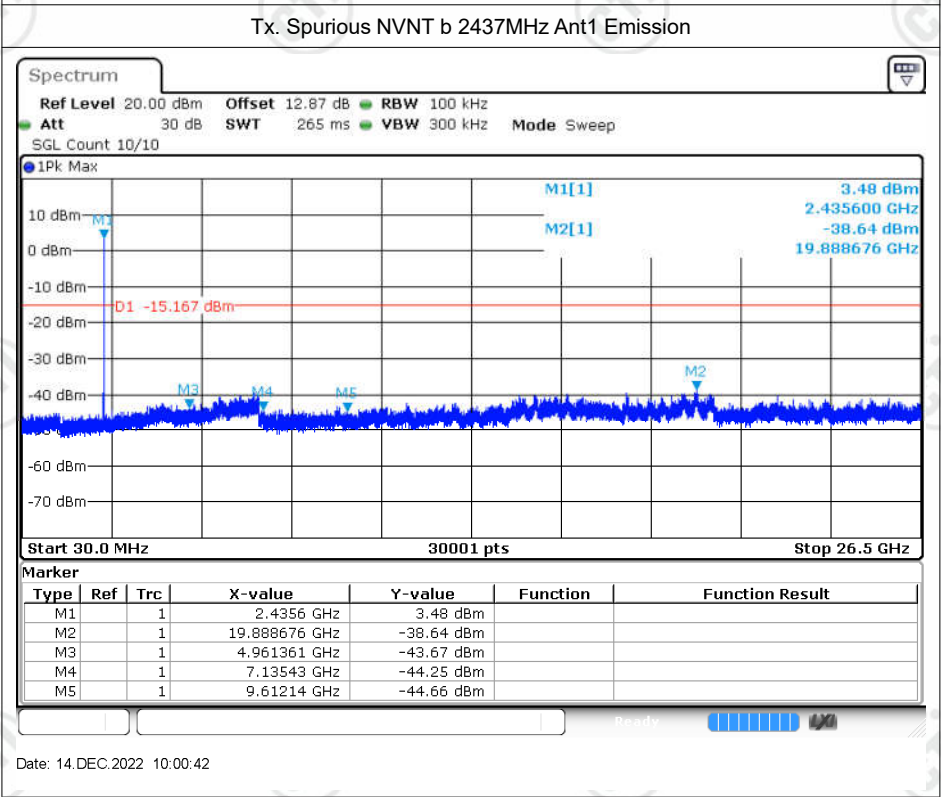
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-44.07	-20	Pass
NVNT	b	2437	Ant1	-43.46	-20	Pass
NVNT	b	2462	Ant1	-44.22	-20	Pass
NVNT	g	2412	Ant1	-35.93	-20	Pass
NVNT	g	2437	Ant1	-35.73	-20	Pass
NVNT	g	2462	Ant1	-35.36	-20	Pass
NVNT	n20	2412	Ant1	-33.9	-20	Pass
NVNT	n20	2437	Ant1	-35.42	-20	Pass
NVNT	n20	2462	Ant1	-34.69	-20	Pass
NVNT	n40	2422	Ant1	-31.93	-20	Pass
NVNT	n40	2437	Ant1	-31.79	-20	Pass
NVNT	n40	2452	Ant1	-31.57	-20	Pass

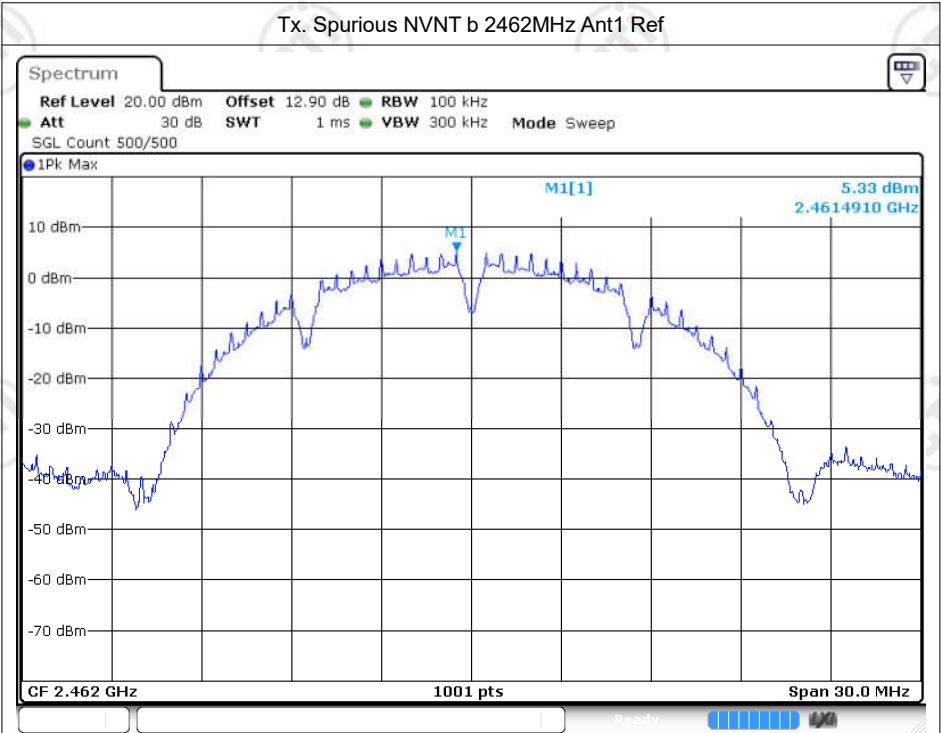




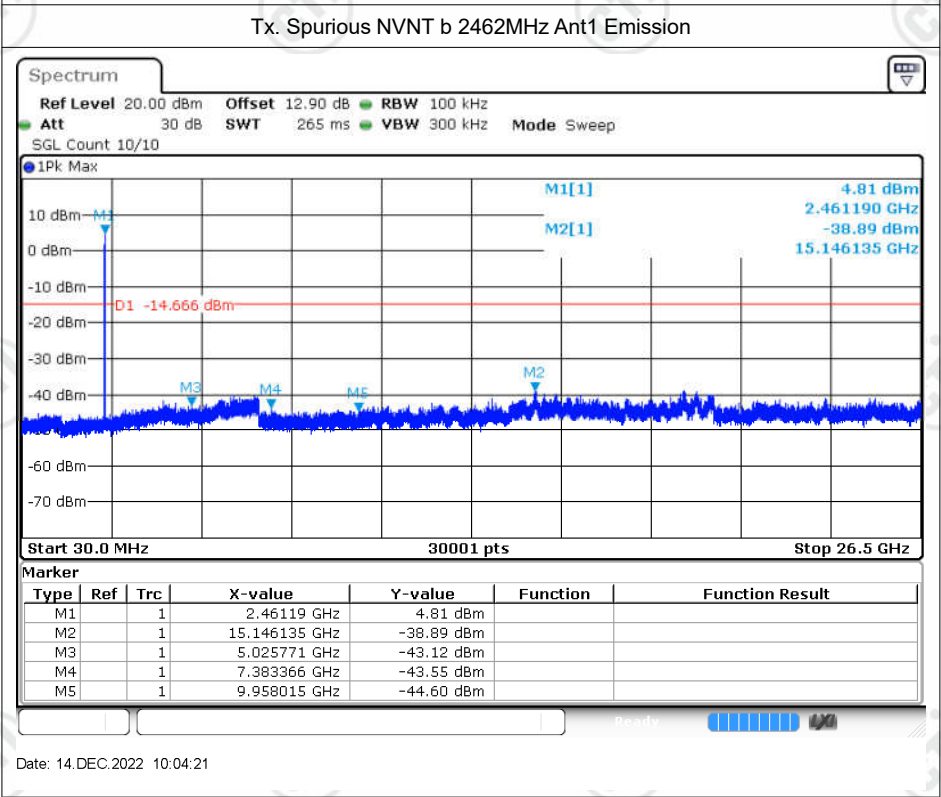
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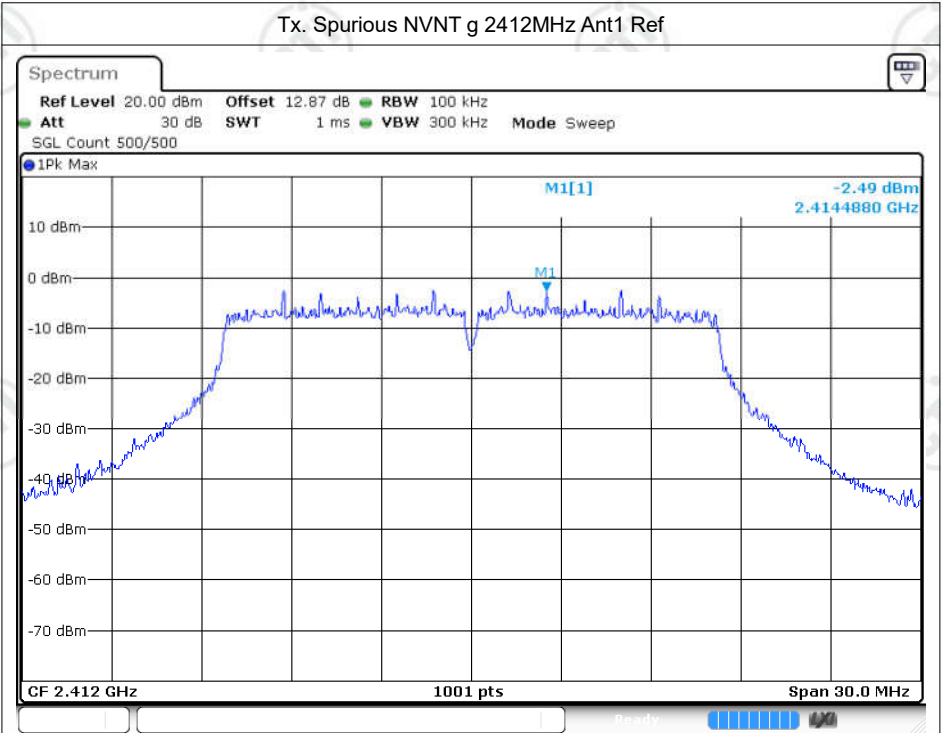
Date: 14.DEC.2022 10:00:42



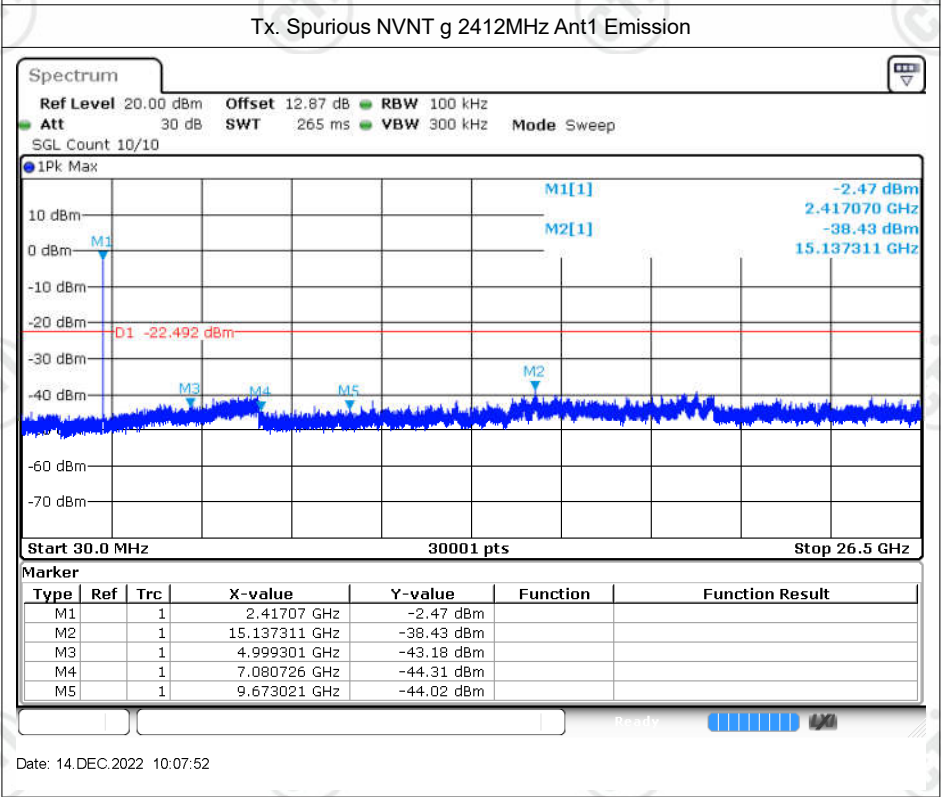
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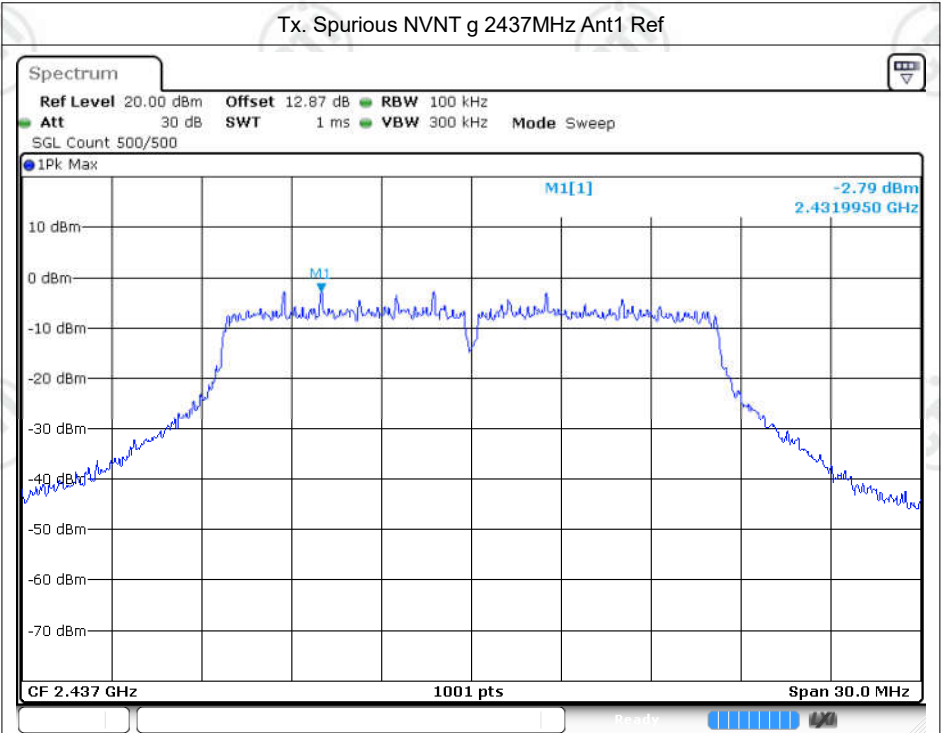
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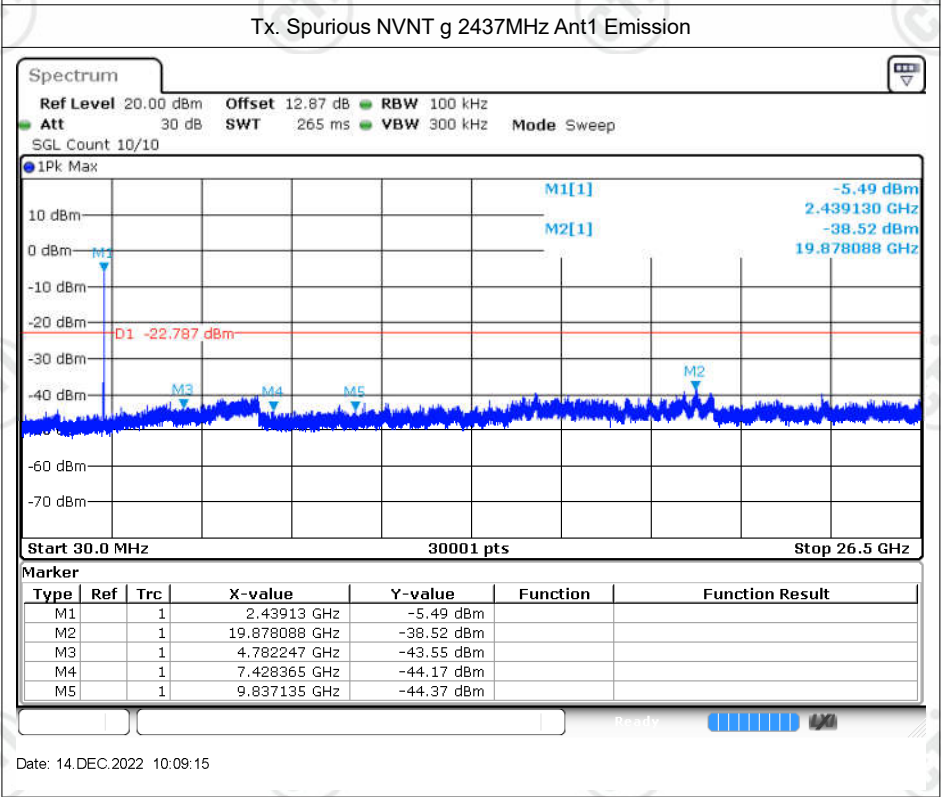
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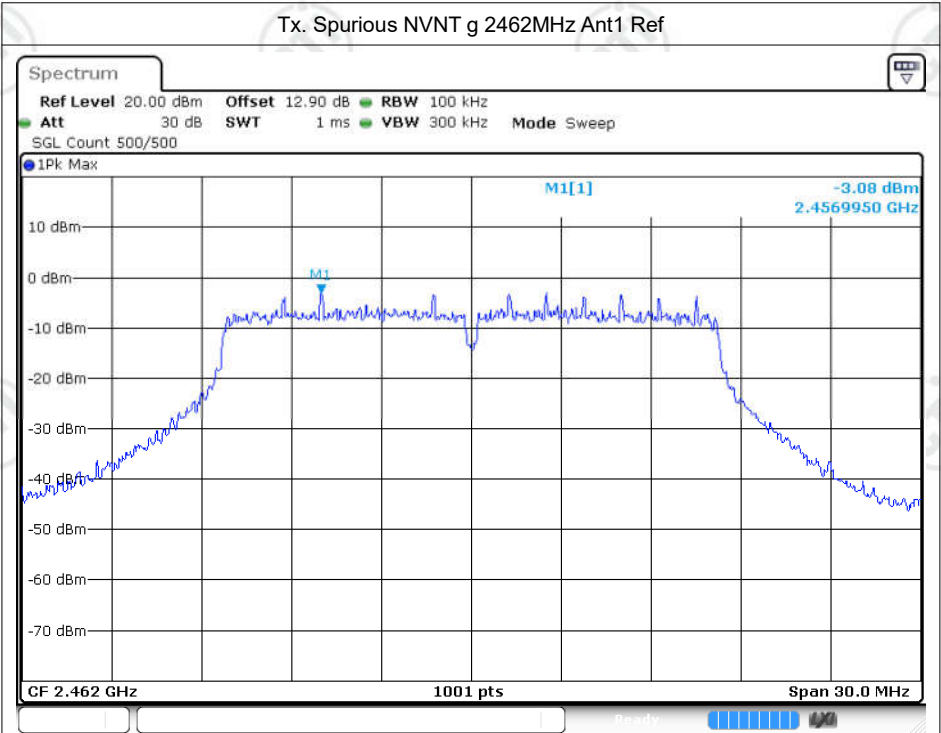
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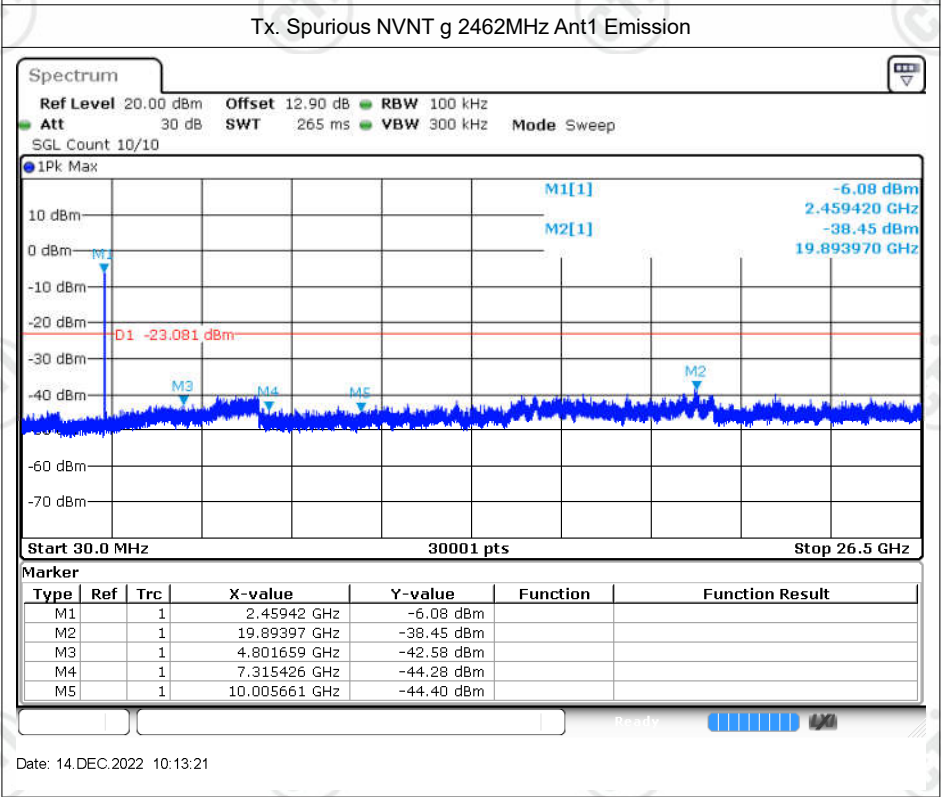
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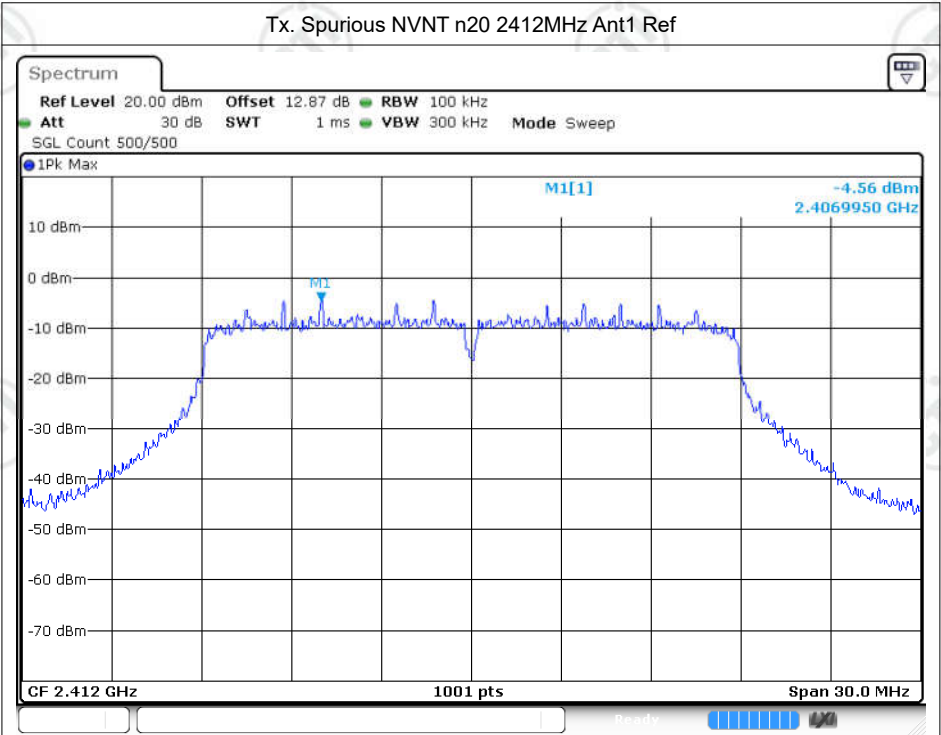
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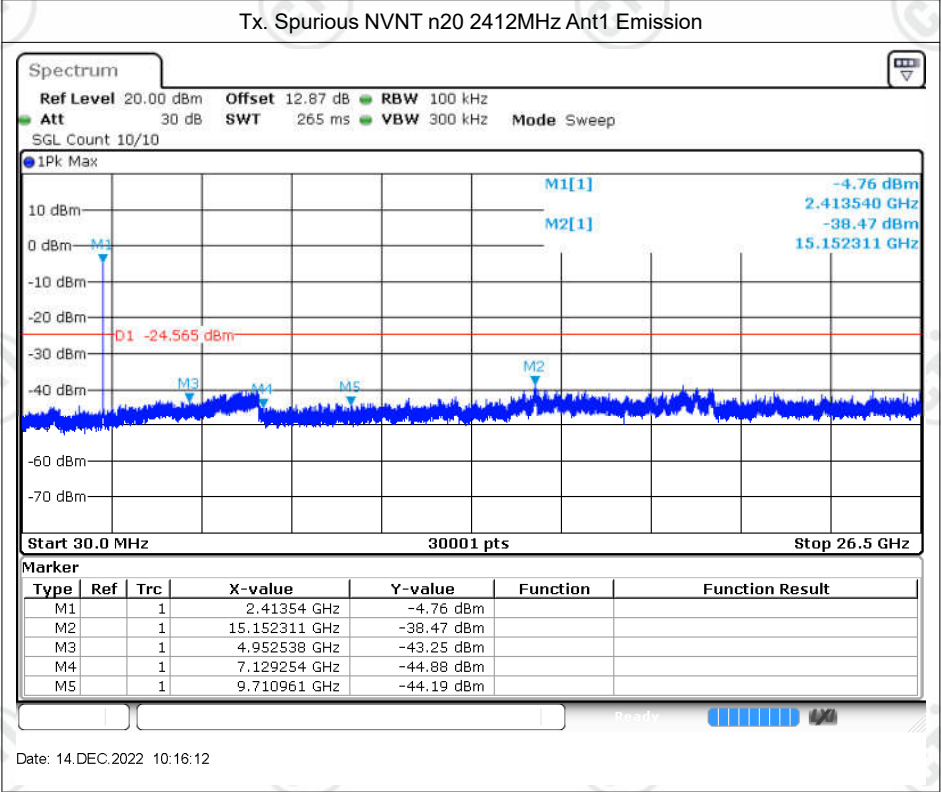
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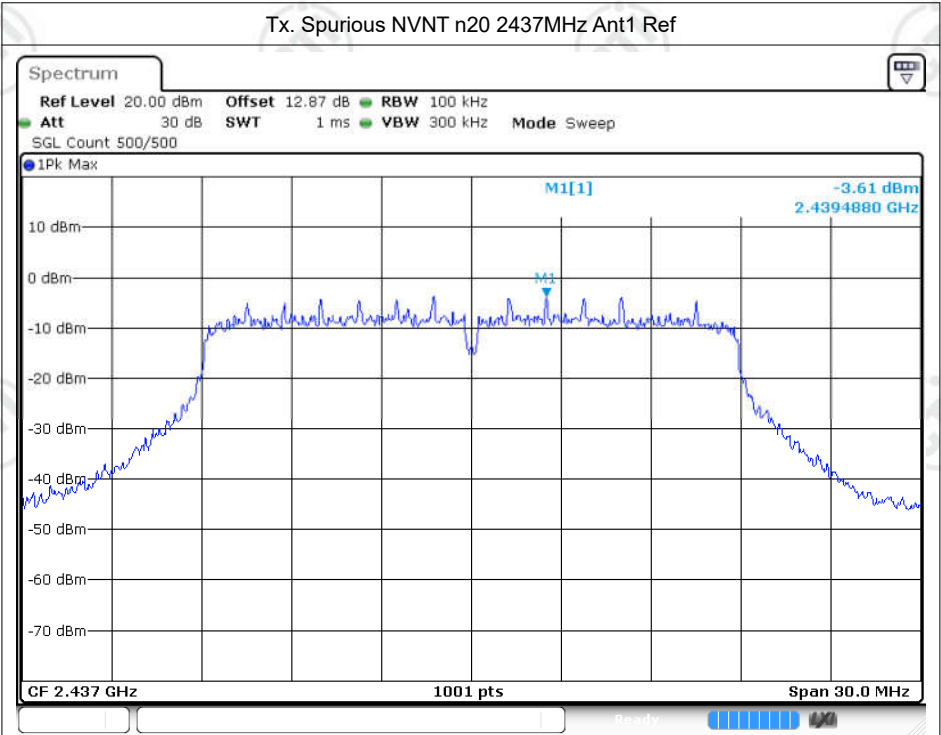
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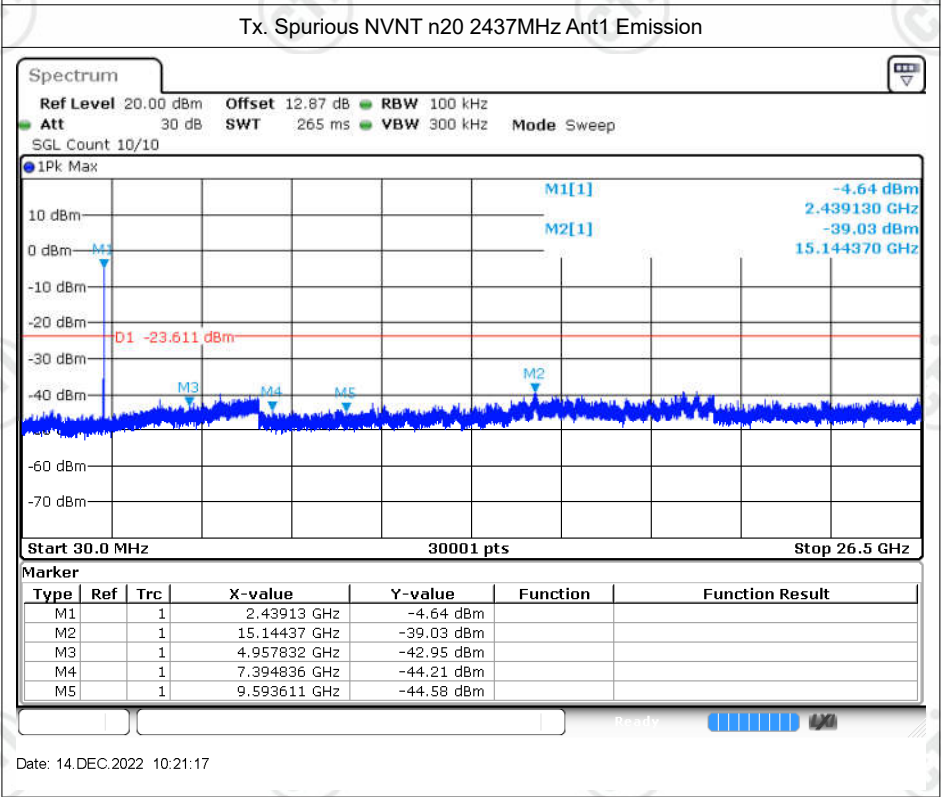
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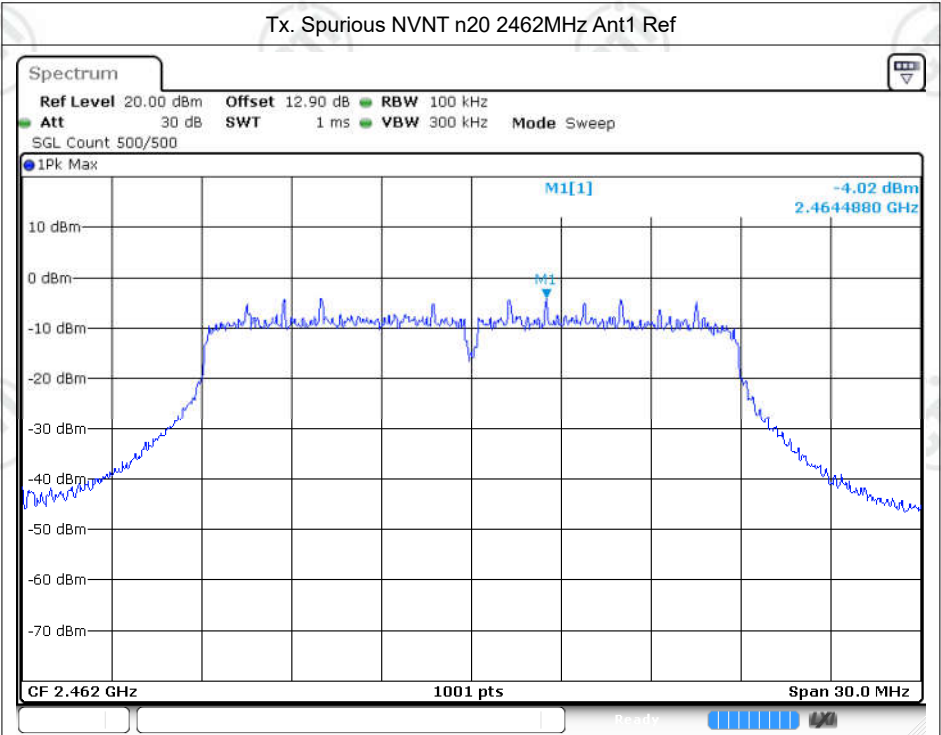
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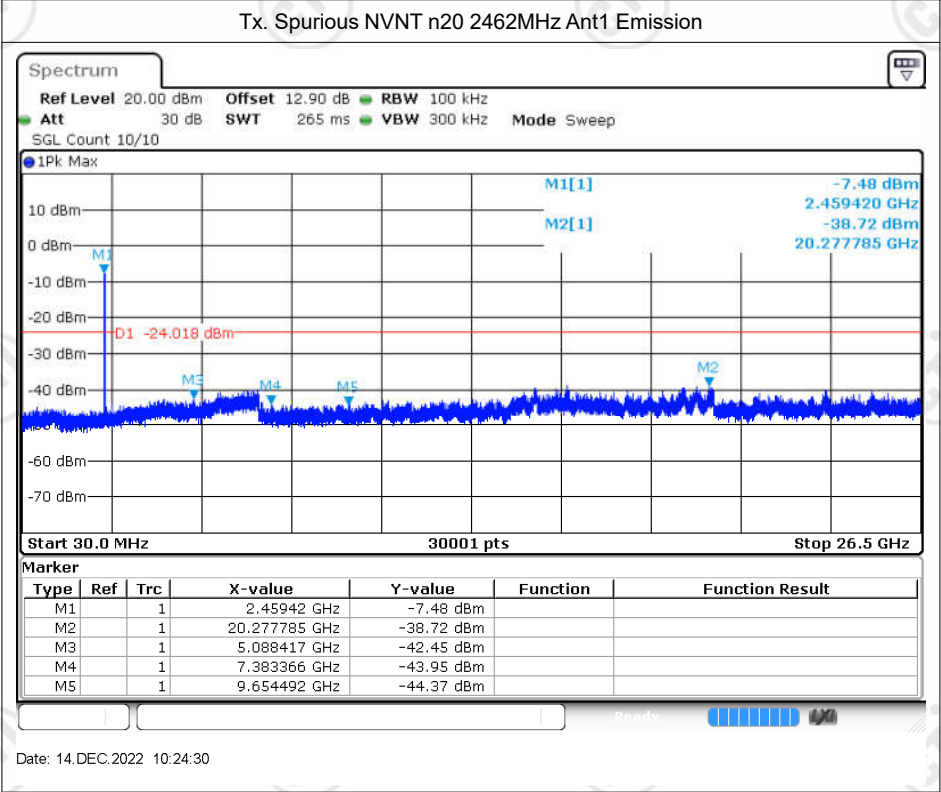
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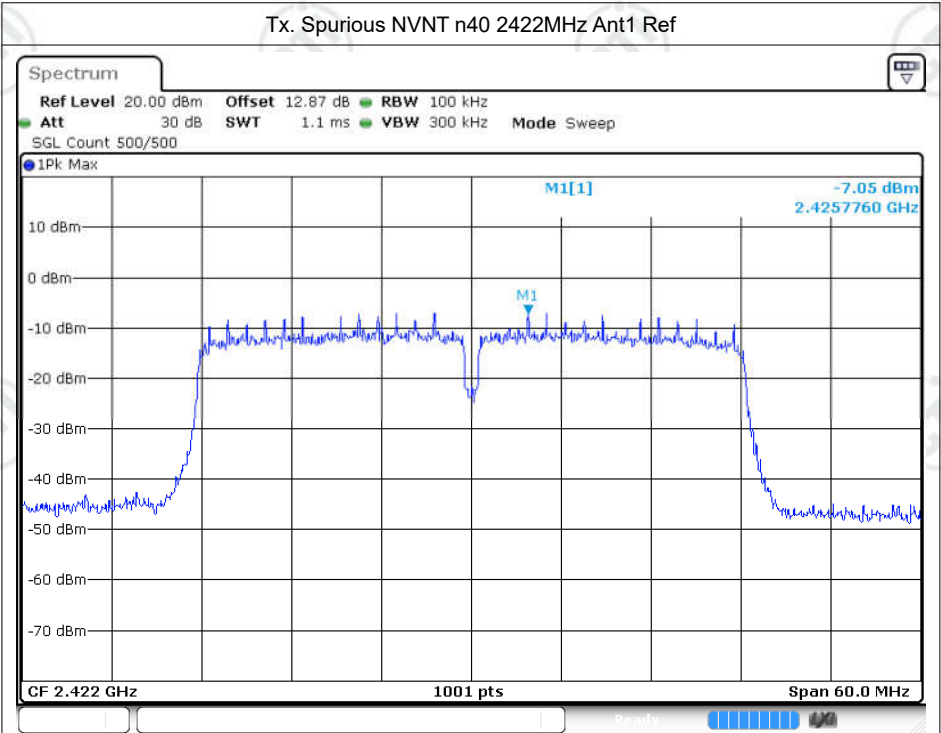
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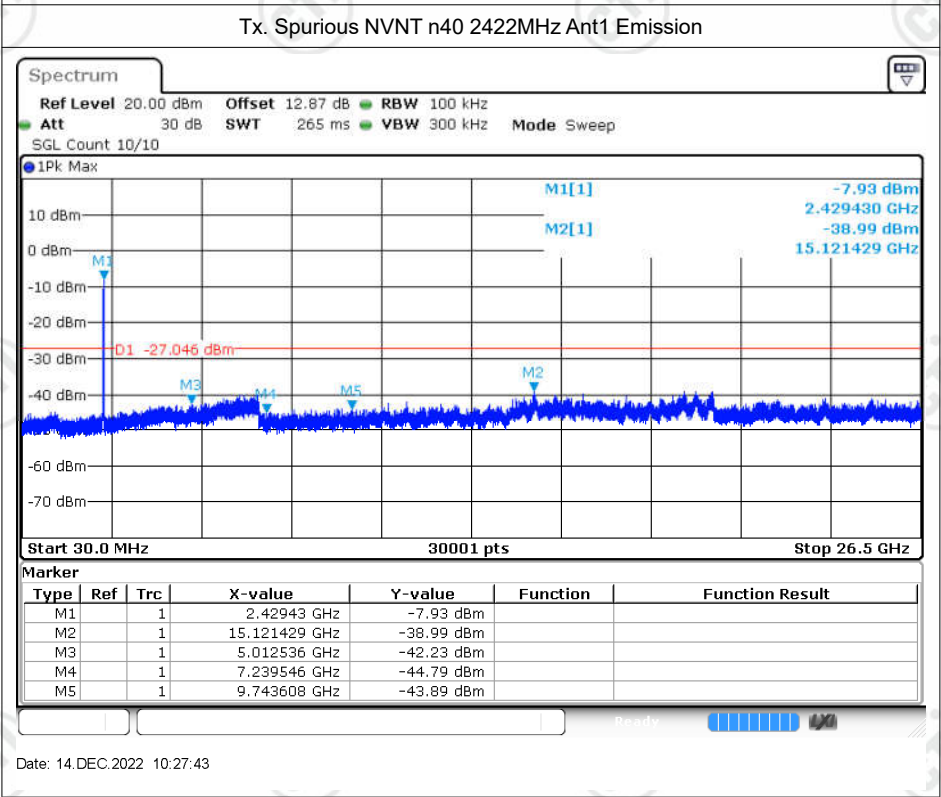
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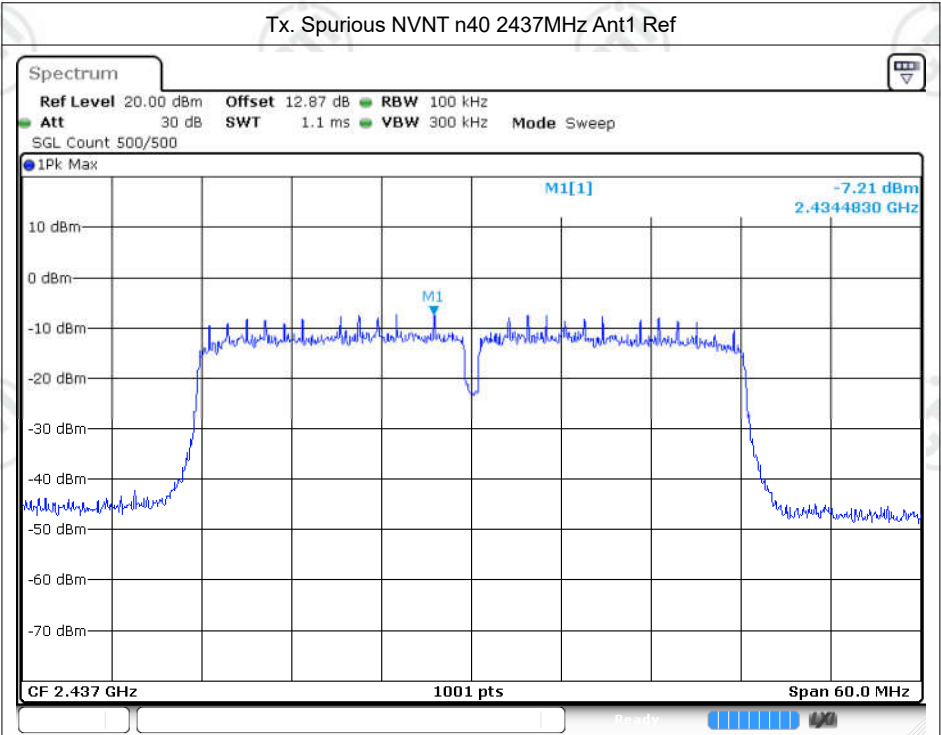
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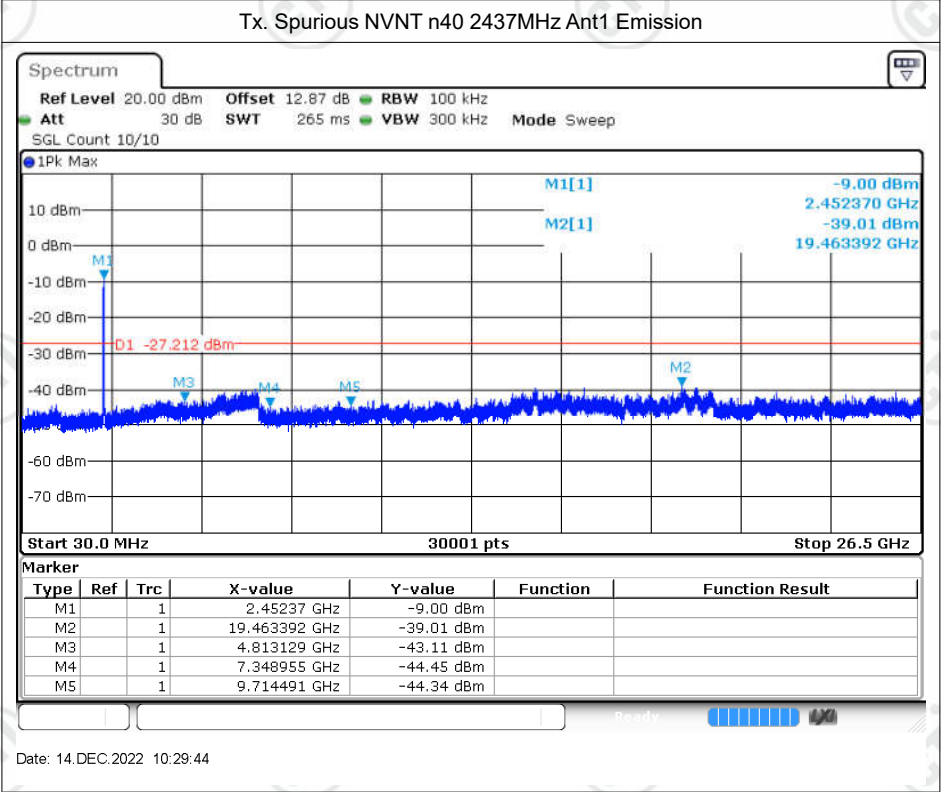
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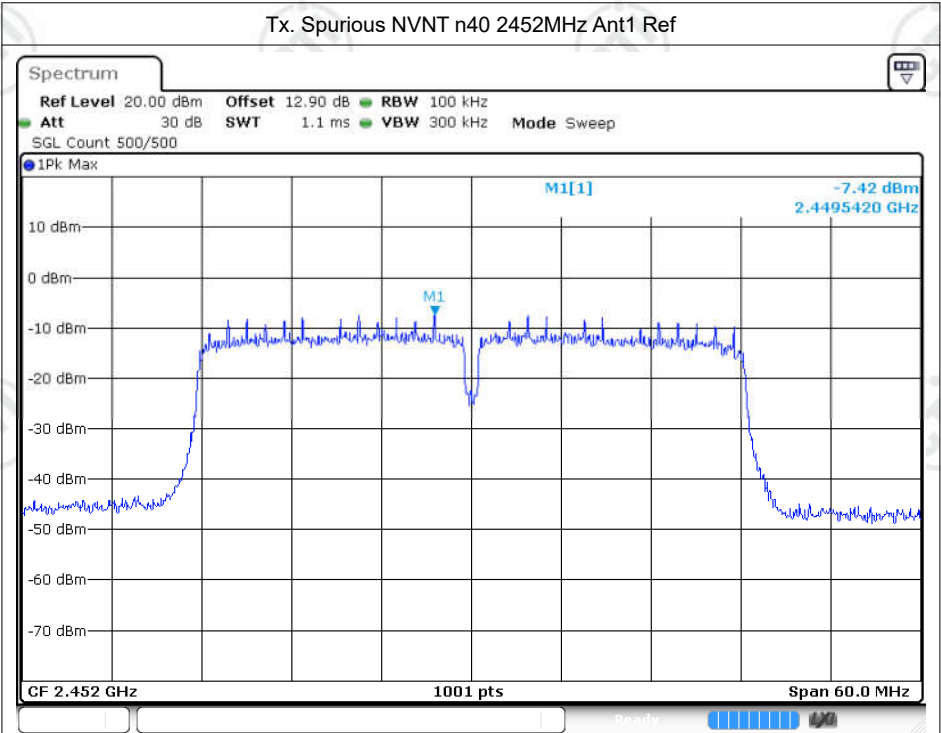
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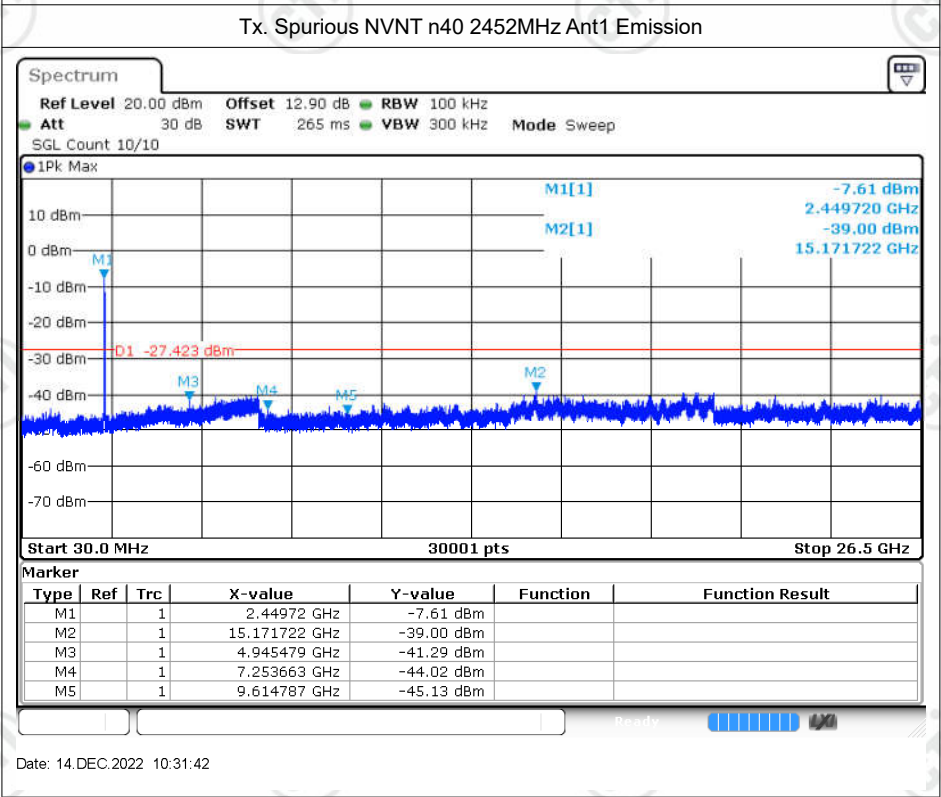
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Date: 14.DEC.2022 10:31:32



Date: 14.DEC.2022 10:31:42

*** End of Report ***