

Appendix: 2.4G WIFI

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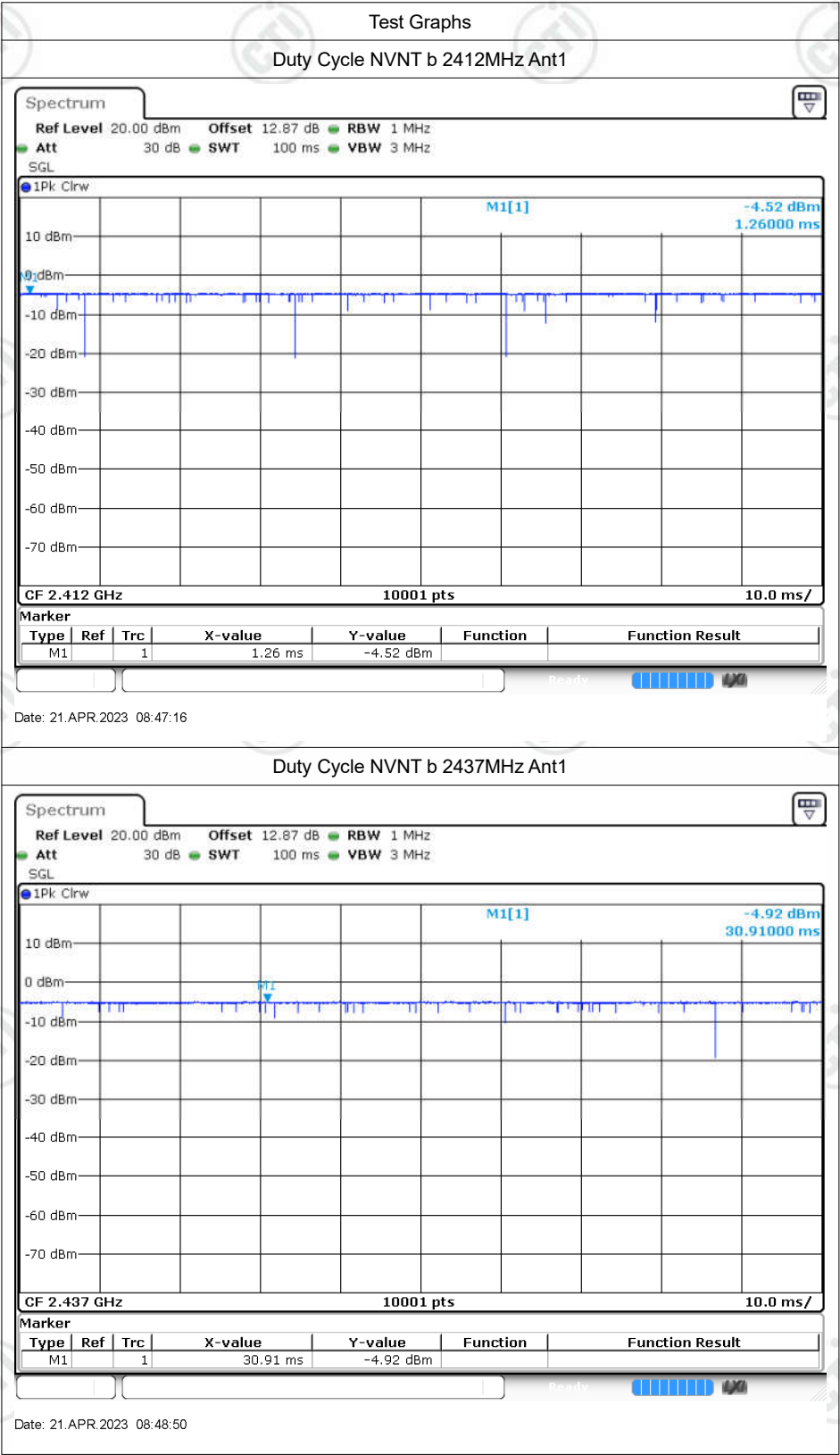
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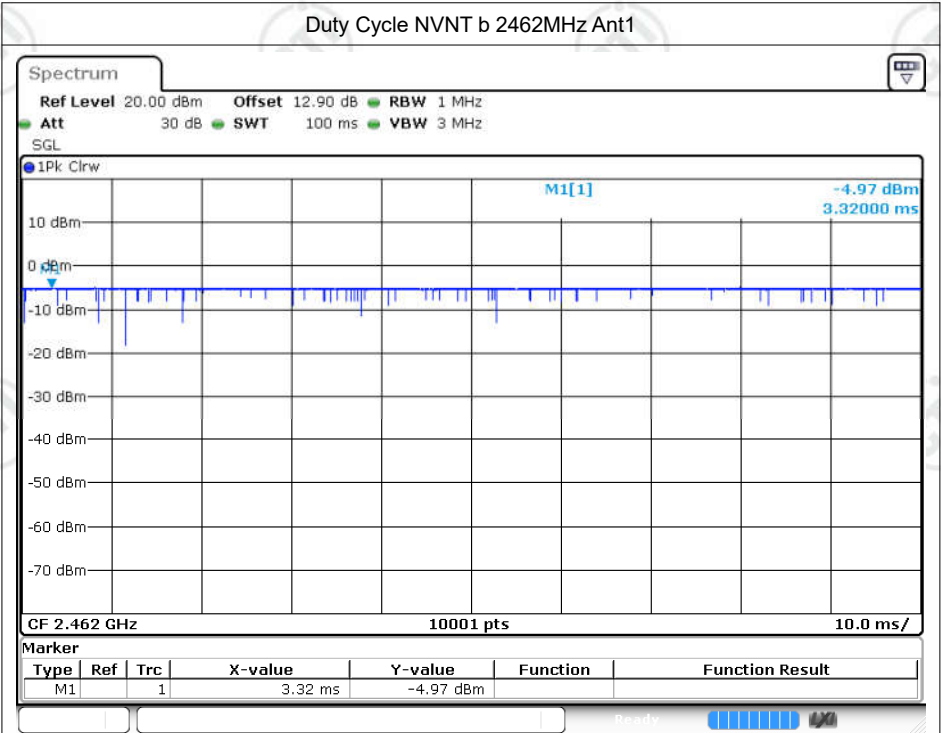
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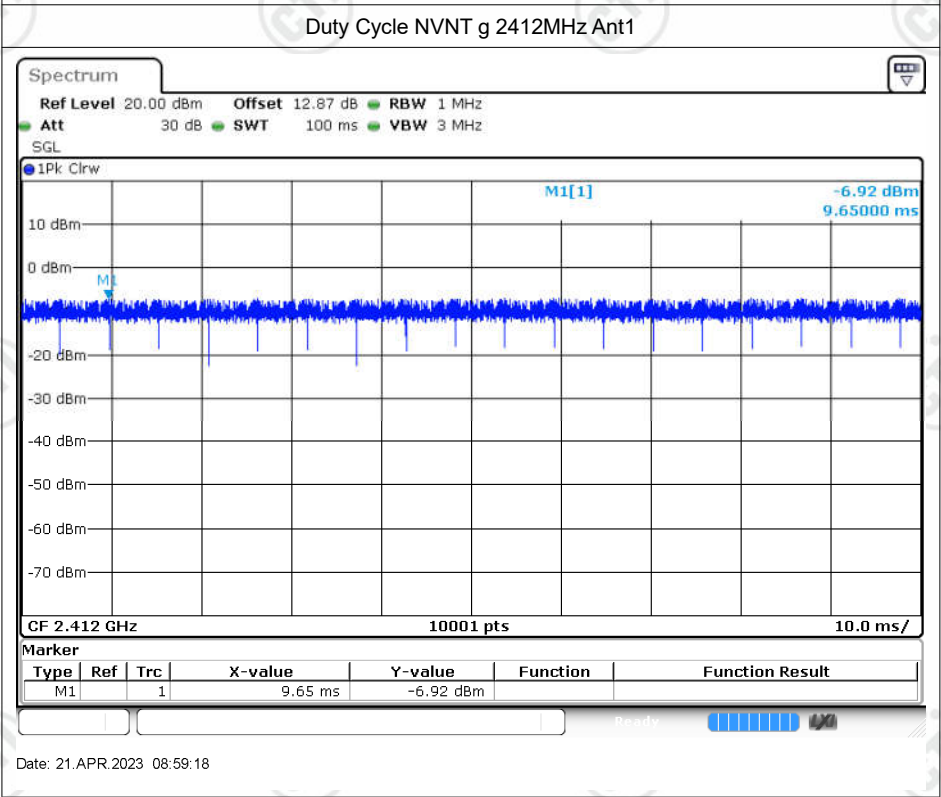
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	100	0	0
NVNT	b	2437	Ant1	100	0	0
NVNT	b	2462	Ant1	100	0	0
NVNT	g	2412	Ant1	100	0	0
NVNT	g	2437	Ant1	100	0	0
NVNT	g	2462	Ant1	100	0	0
NVNT	n20	2412	Ant1	100	0	0
NVNT	n20	2437	Ant1	100	0	0
NVNT	n20	2462	Ant1	100	0	0

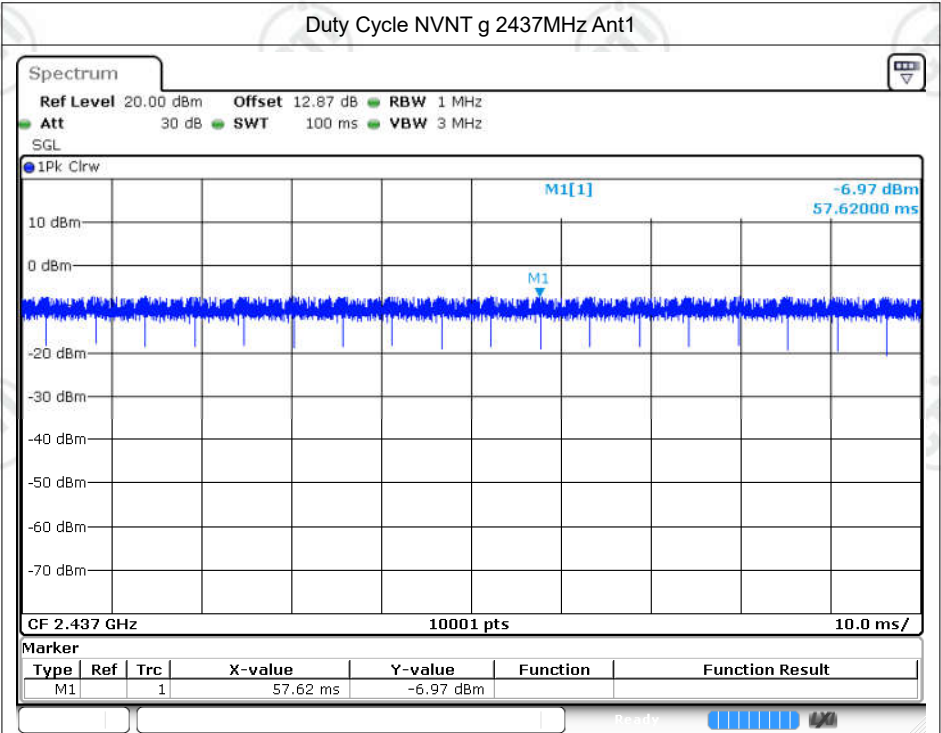




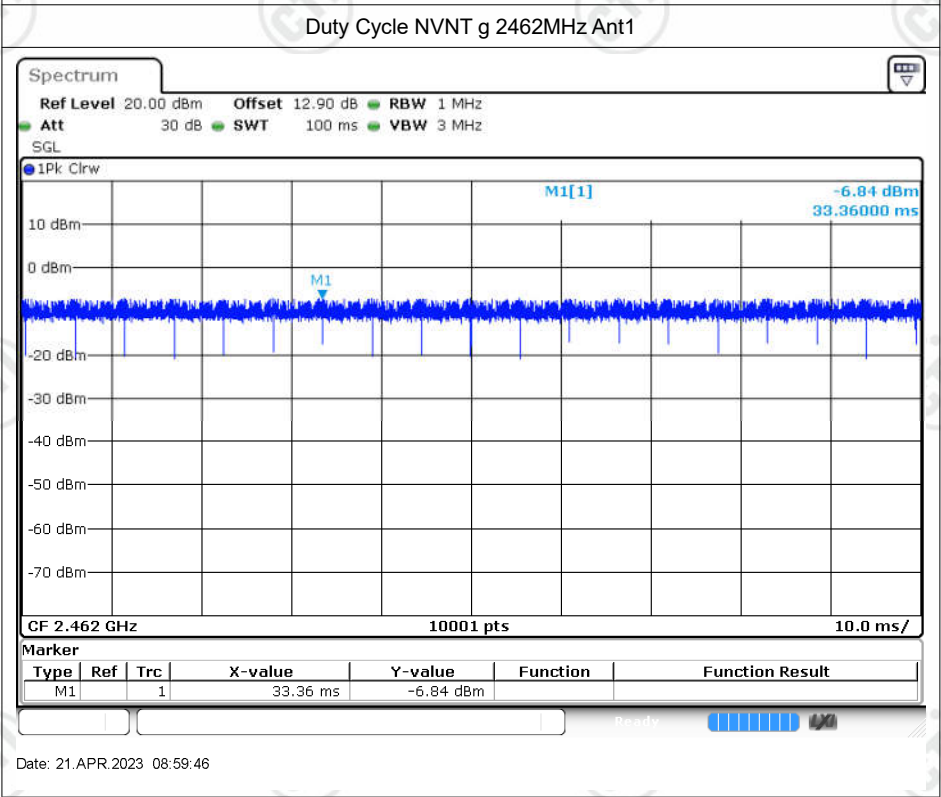
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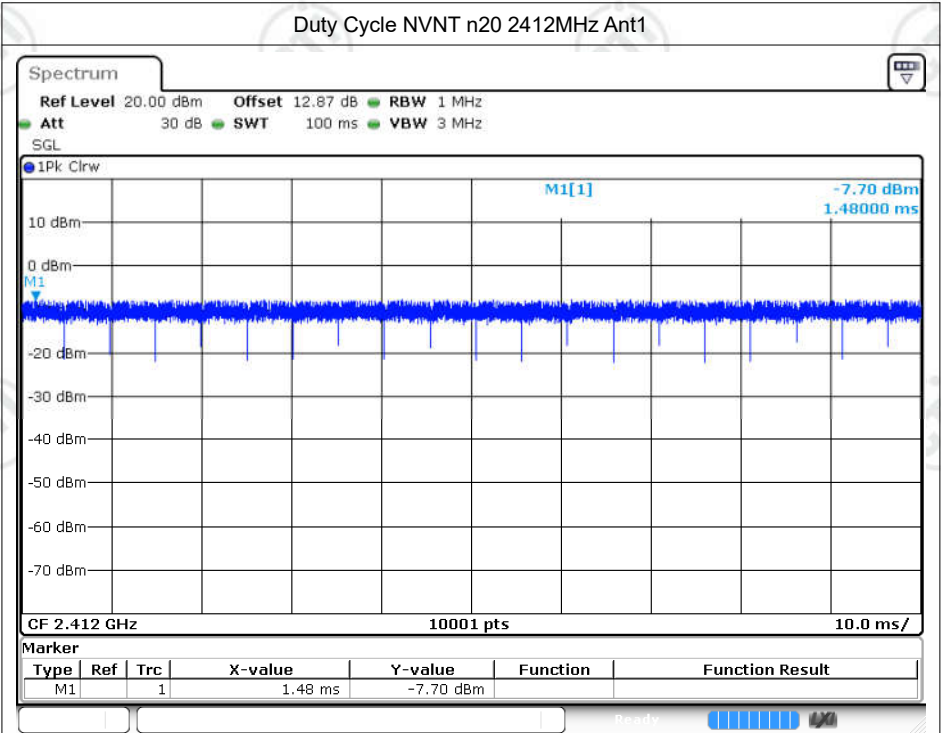
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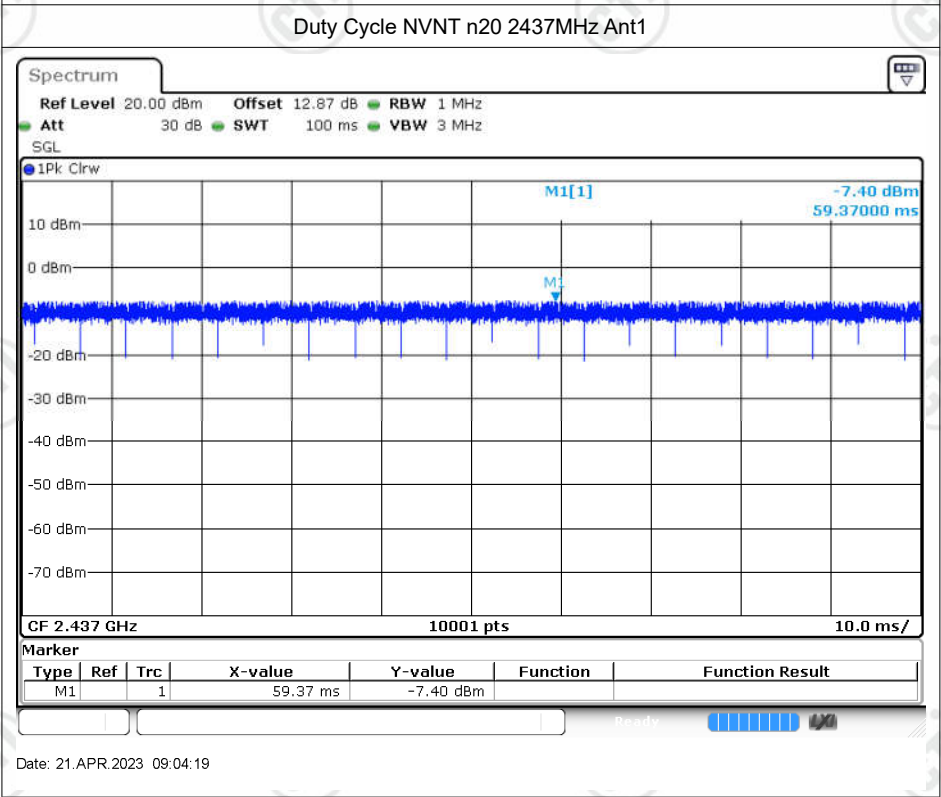
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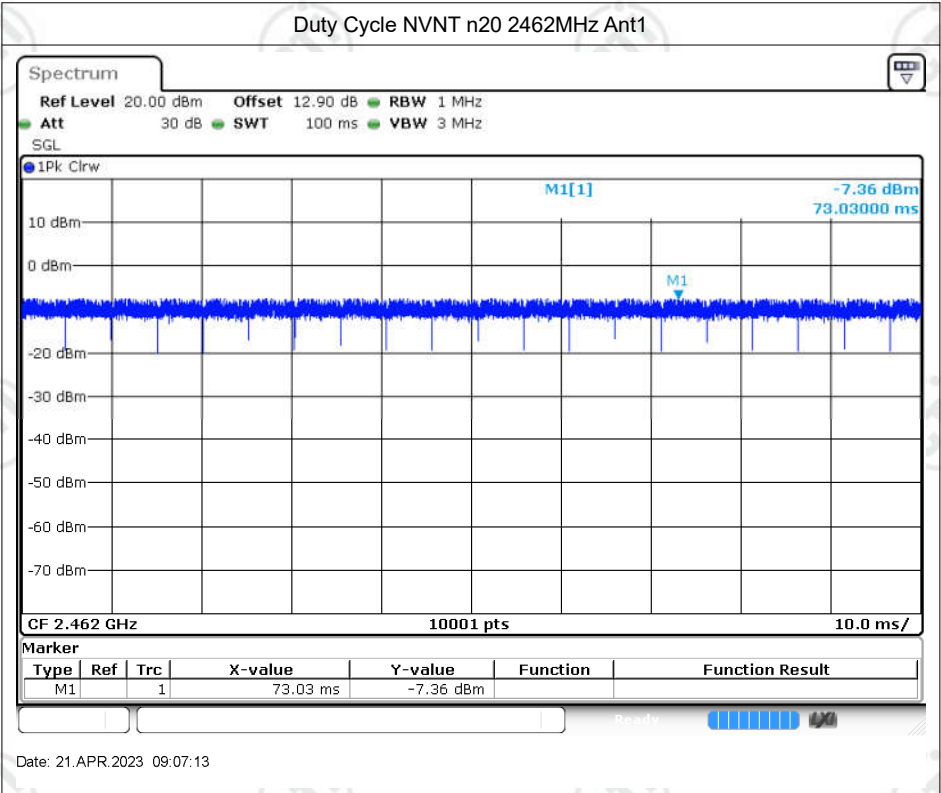
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Date: 21.APR.2023 09:04:19

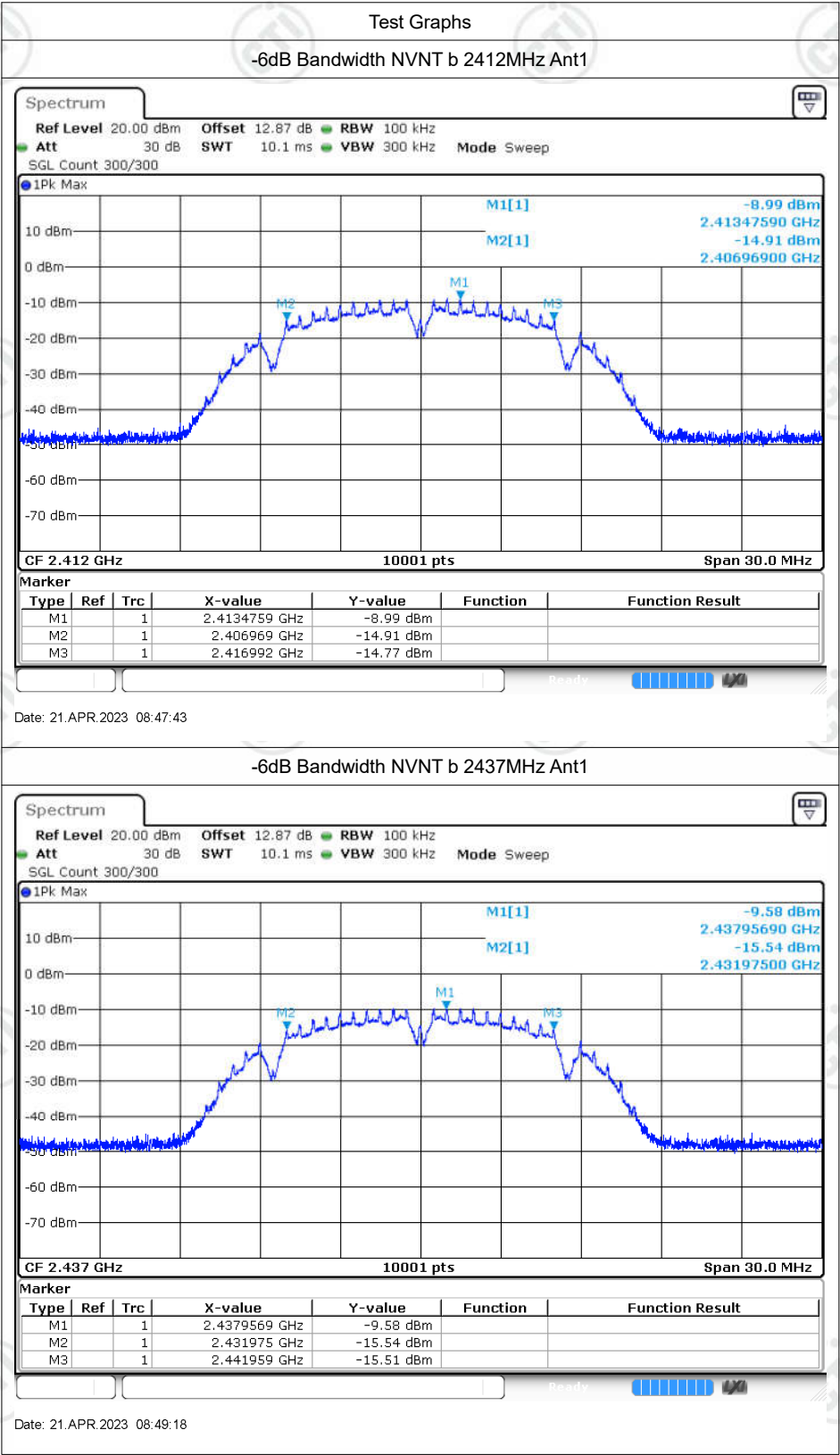


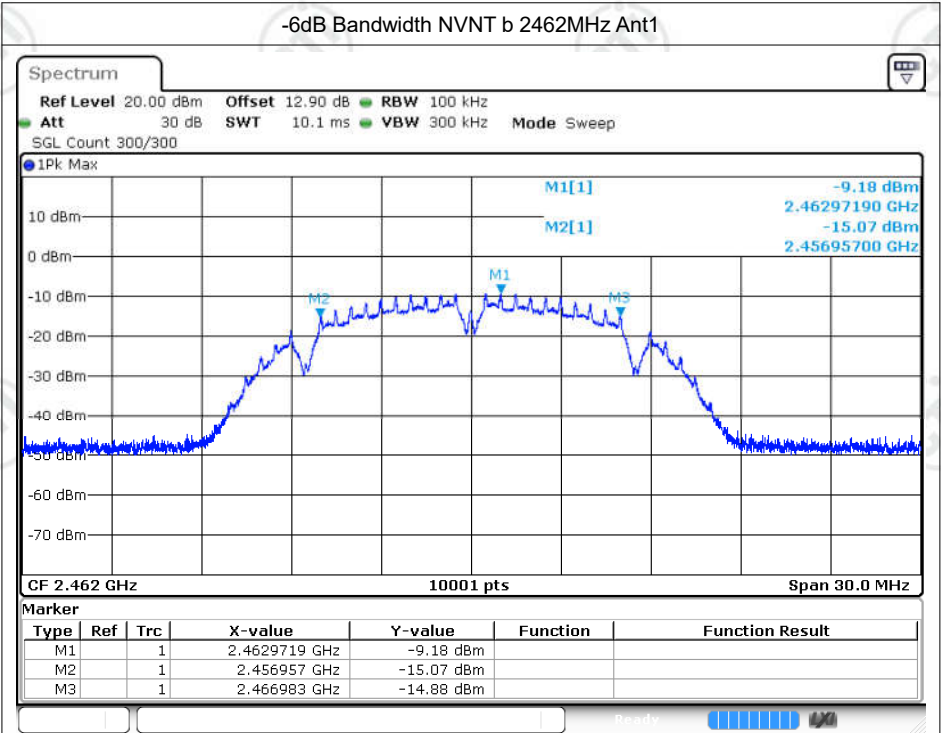
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	3.65	30	Pass
NVNT	b	2437	Ant1	3.46	30	Pass
NVNT	b	2462	Ant1	3.38	30	Pass
NVNT	g	2412	Ant1	3.27	30	Pass
NVNT	g	2437	Ant1	3.28	30	Pass
NVNT	g	2462	Ant1	3.82	30	Pass
NVNT	n20	2412	Ant1	3.57	30	Pass
NVNT	n20	2437	Ant1	3.69	30	Pass
NVNT	n20	2462	Ant1	3.66	30	Pass

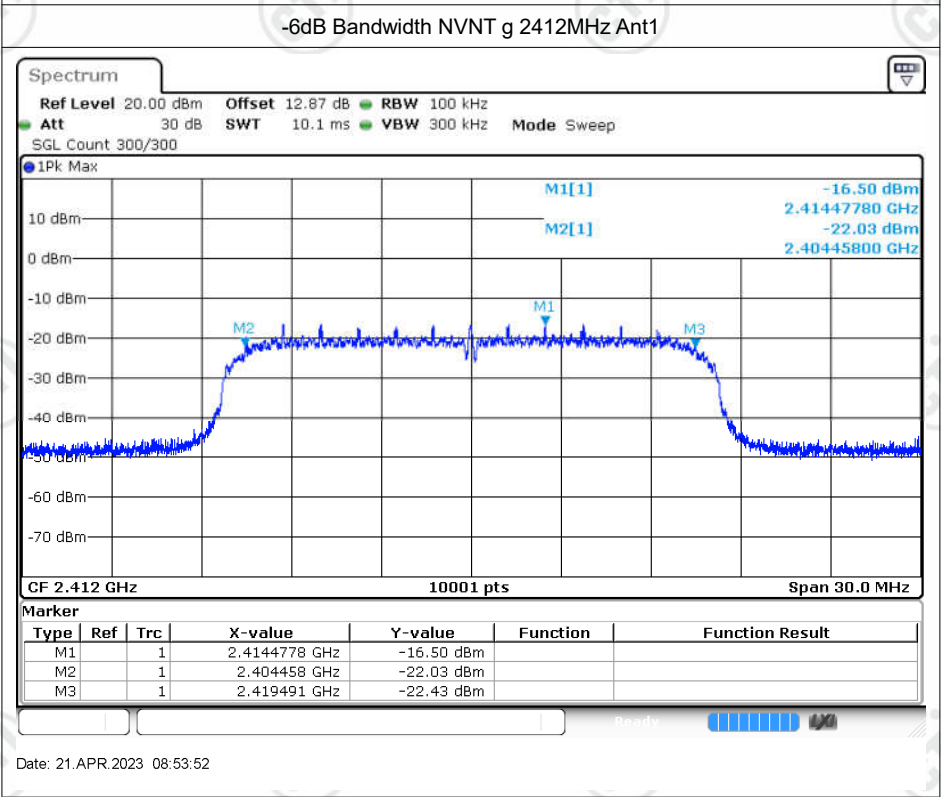
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.023	0.5	Pass
NVNT	b	2437	Ant1	9.984	0.5	Pass
NVNT	b	2462	Ant1	10.026	0.5	Pass
NVNT	g	2412	Ant1	15.033	0.5	Pass
NVNT	g	2437	Ant1	15.051	0.5	Pass
NVNT	g	2462	Ant1	15.054	0.5	Pass
NVNT	n20	2412	Ant1	15.09	0.5	Pass
NVNT	n20	2437	Ant1	15.06	0.5	Pass
NVNT	n20	2462	Ant1	15.036	0.5	Pass

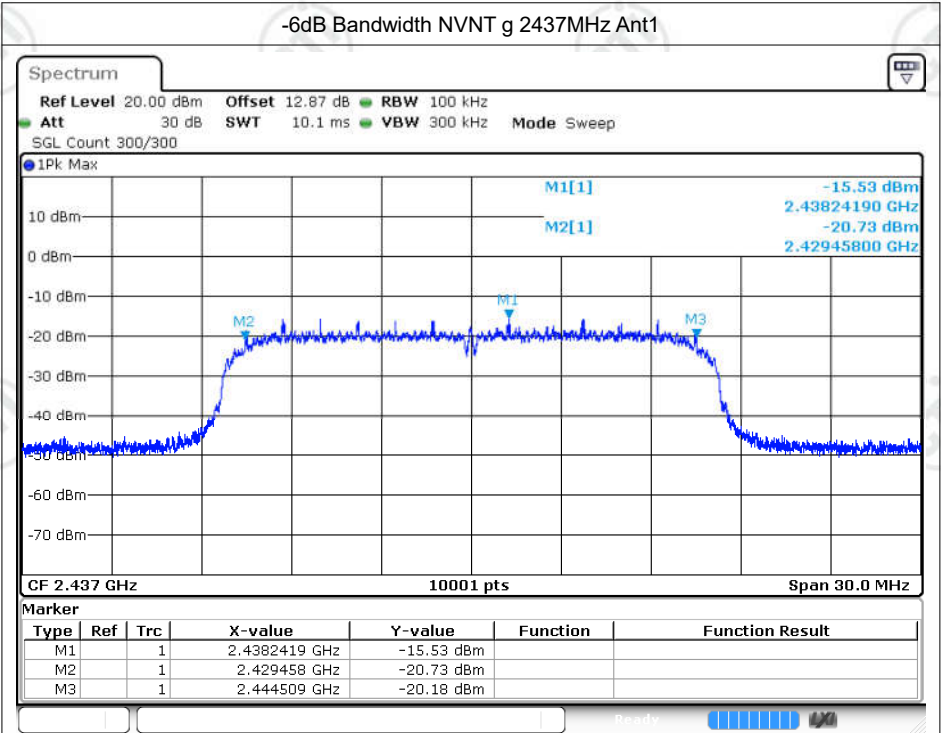




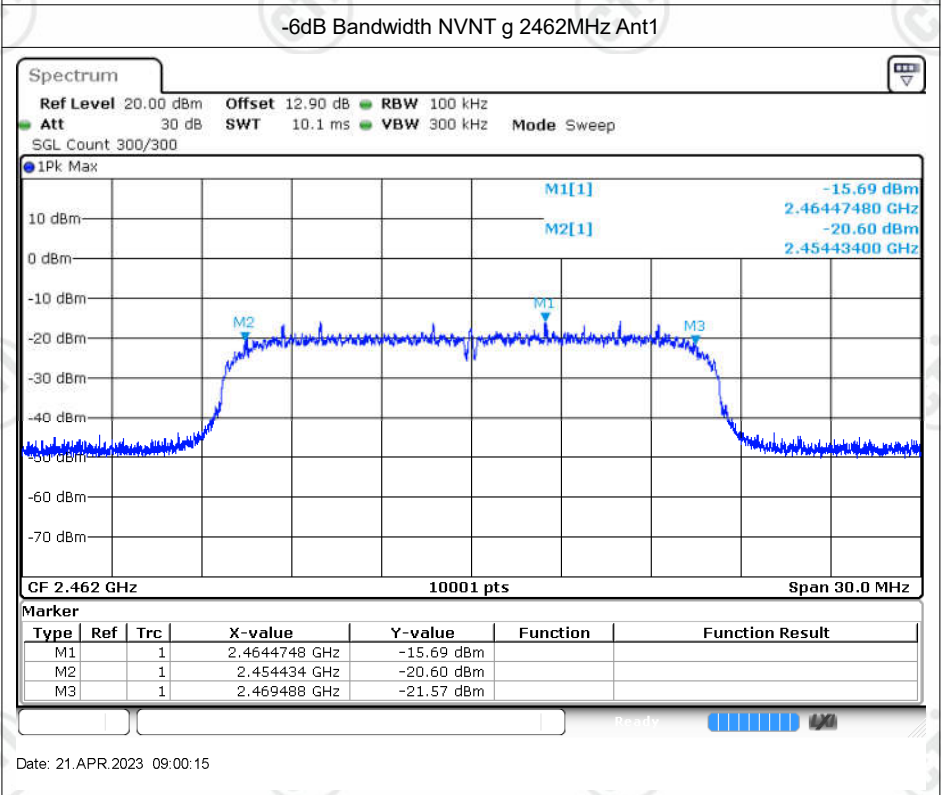
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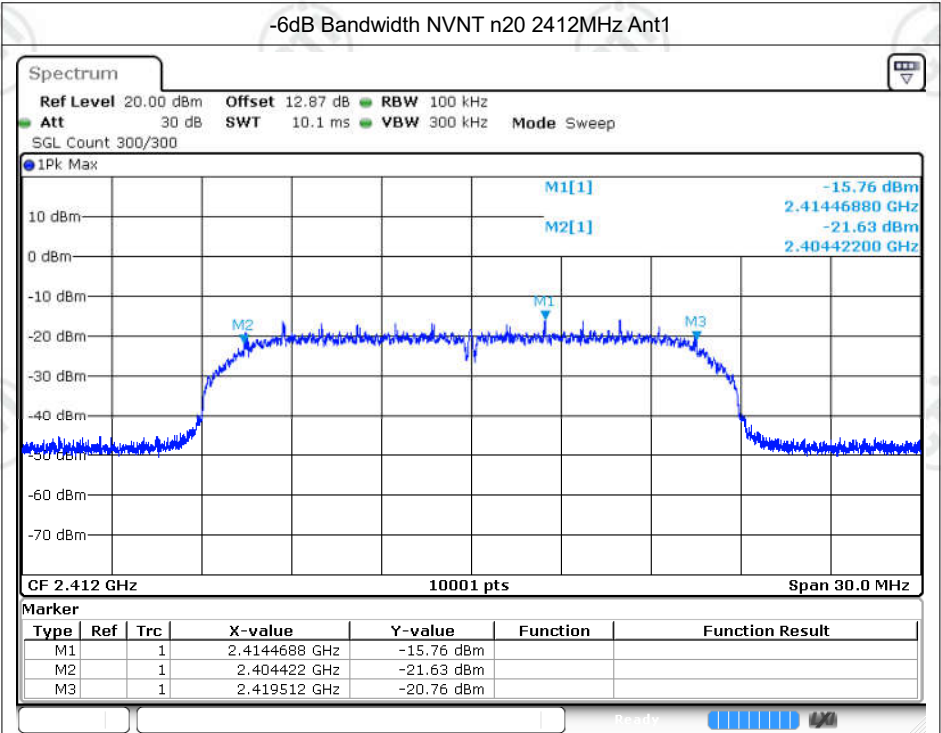
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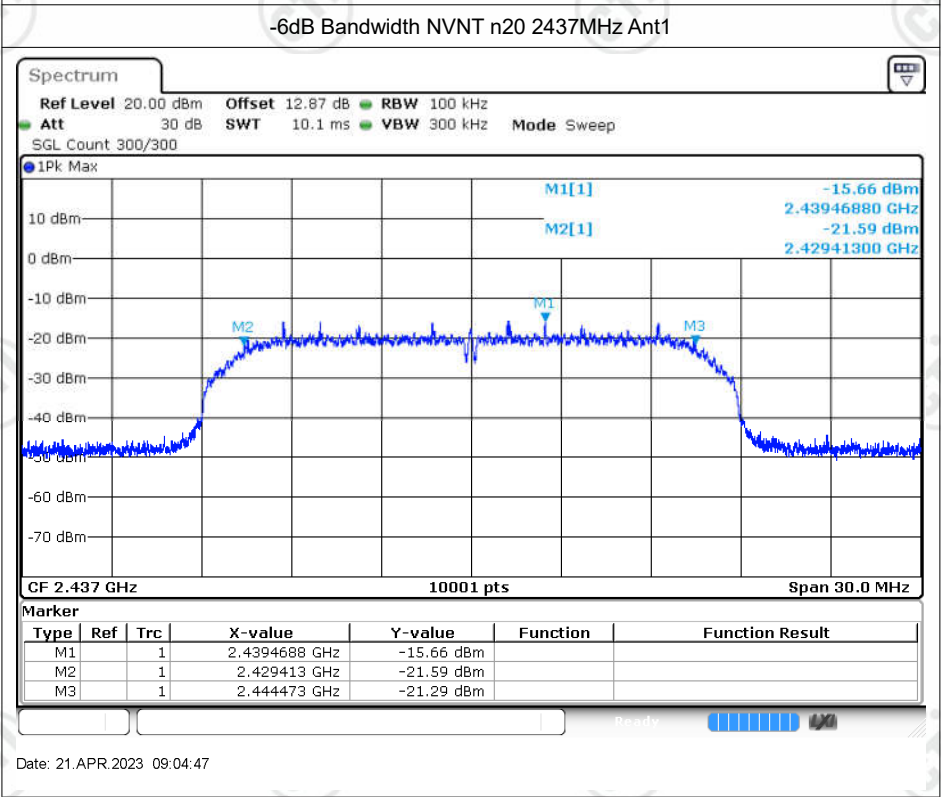
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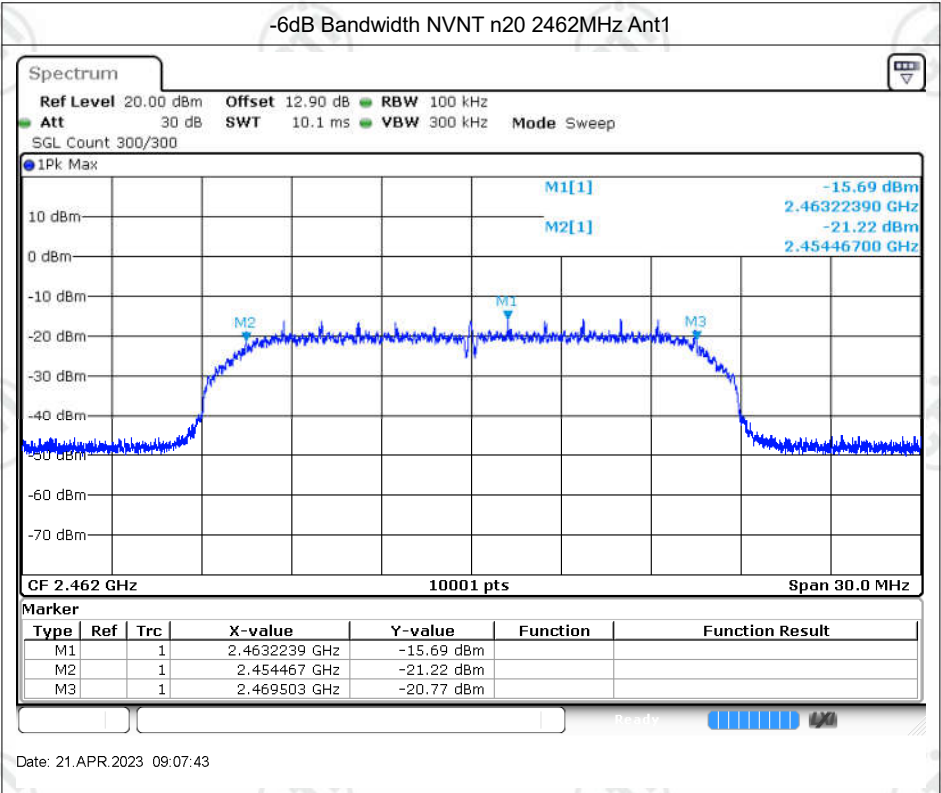
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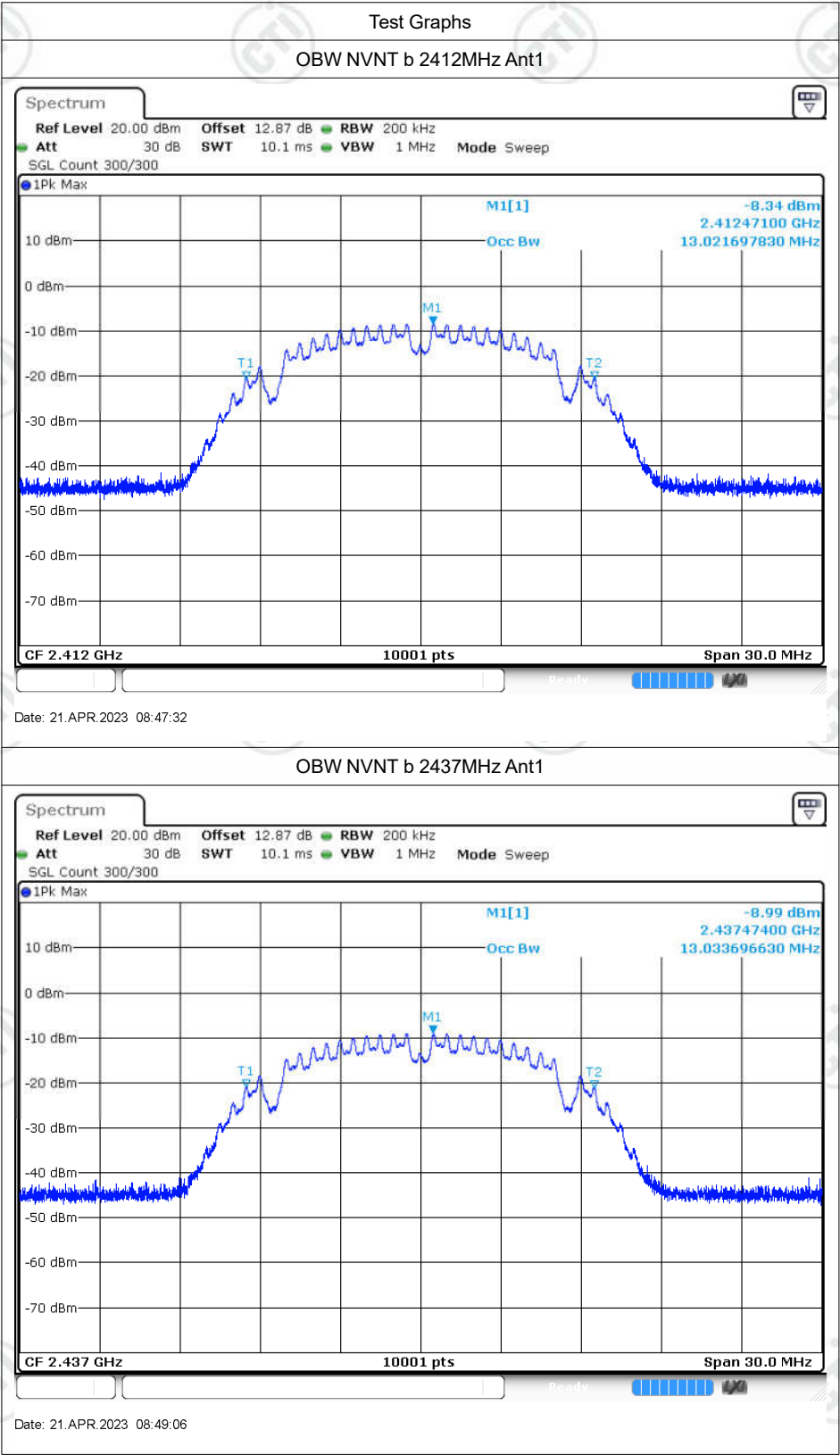


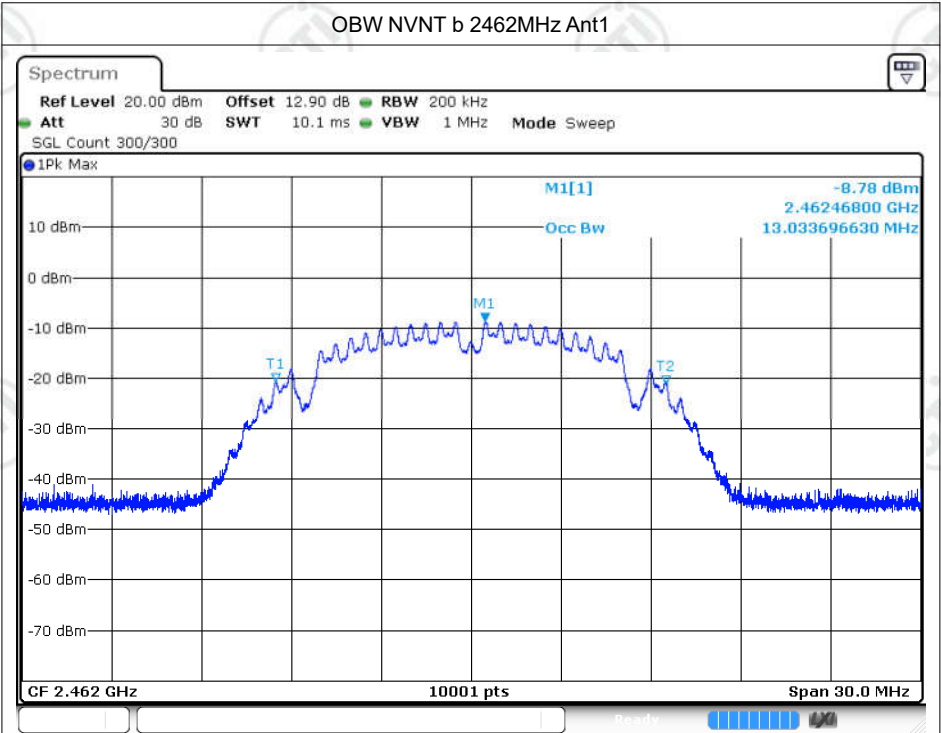
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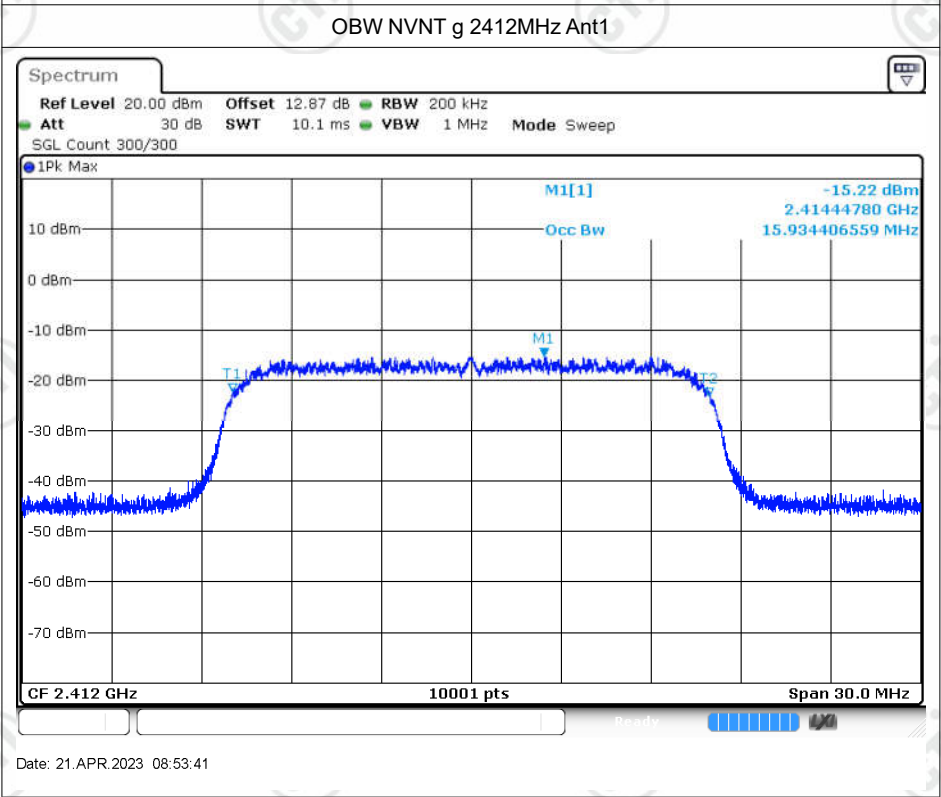
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.022
NVNT	b	2437	Ant1	13.034
NVNT	b	2462	Ant1	13.034
NVNT	g	2412	Ant1	15.934
NVNT	g	2437	Ant1	15.961
NVNT	g	2462	Ant1	15.928
NVNT	n20	2412	Ant1	16.636
NVNT	n20	2437	Ant1	16.633
NVNT	n20	2462	Ant1	16.648

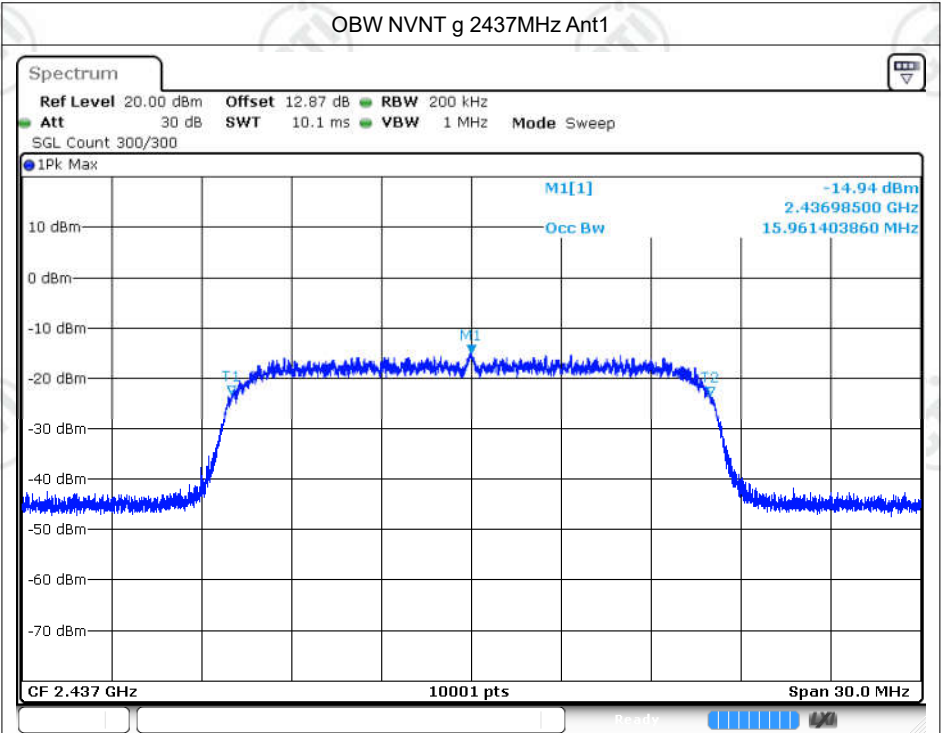




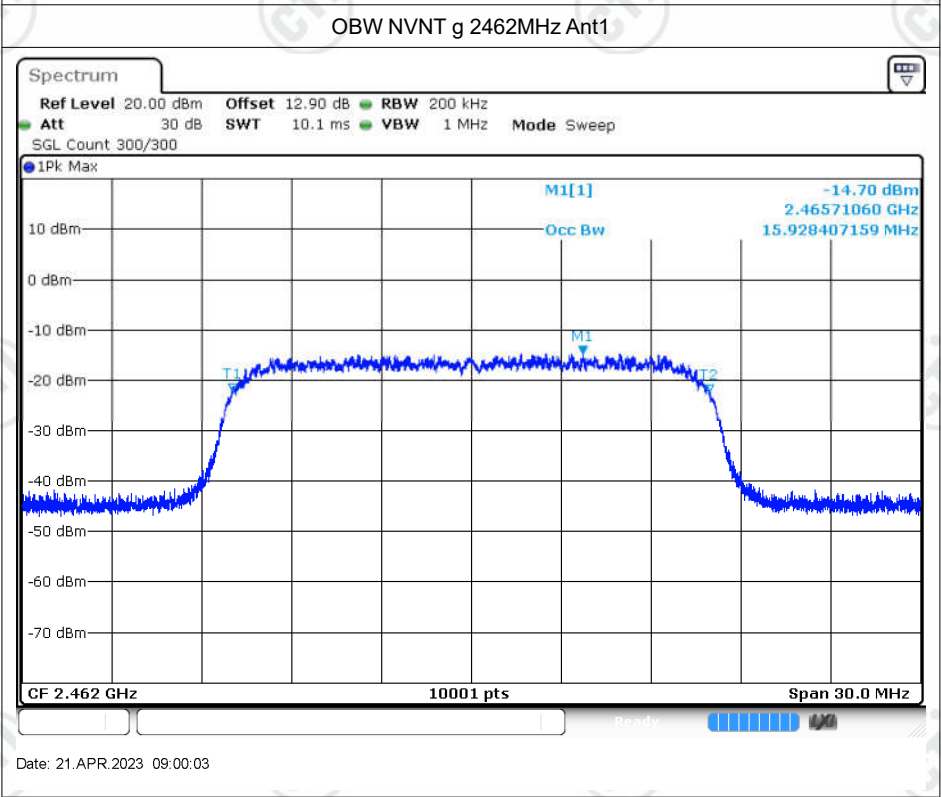
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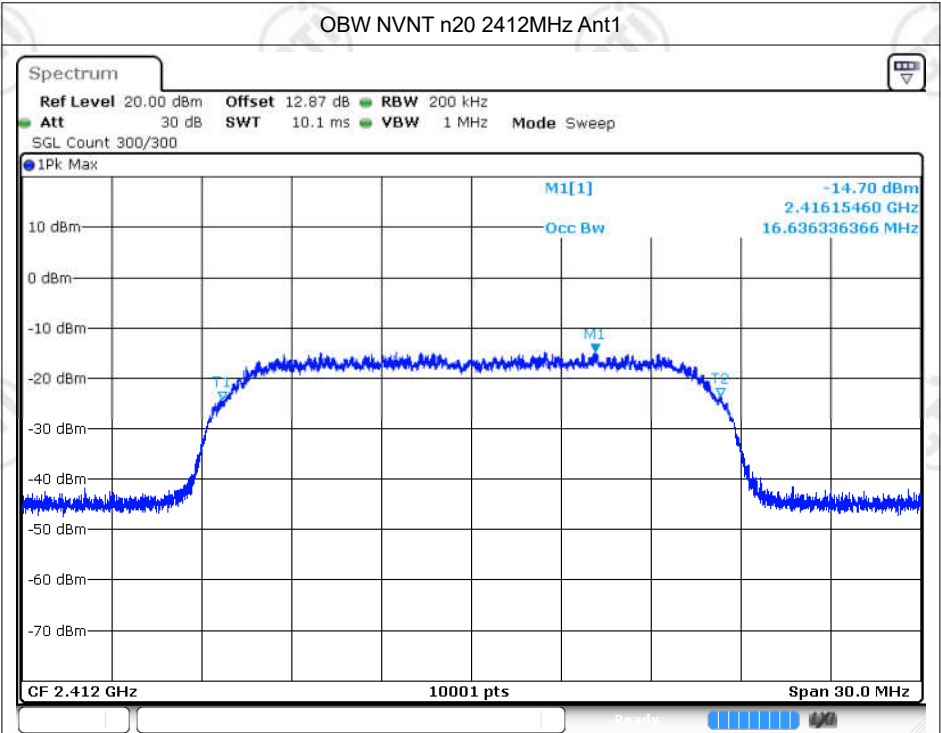
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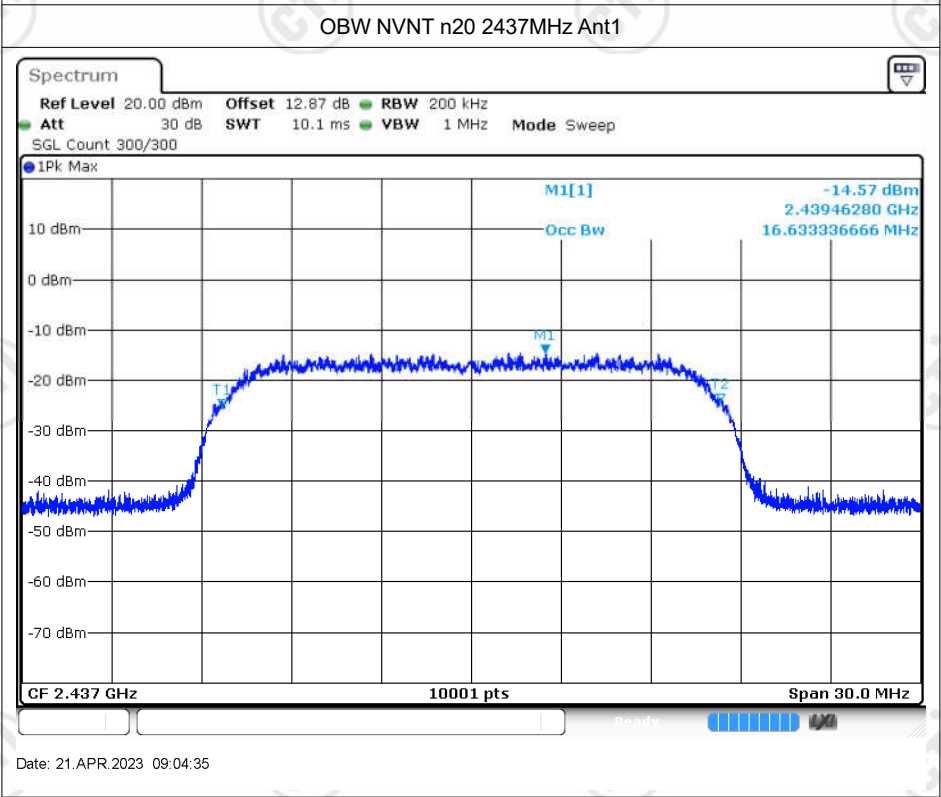
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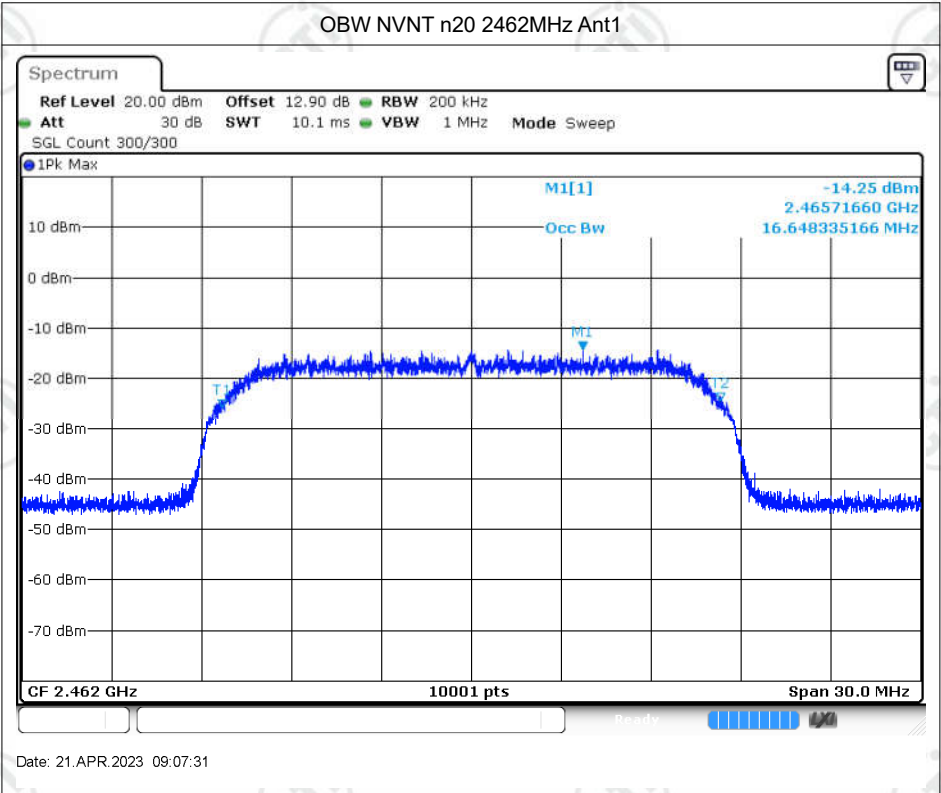
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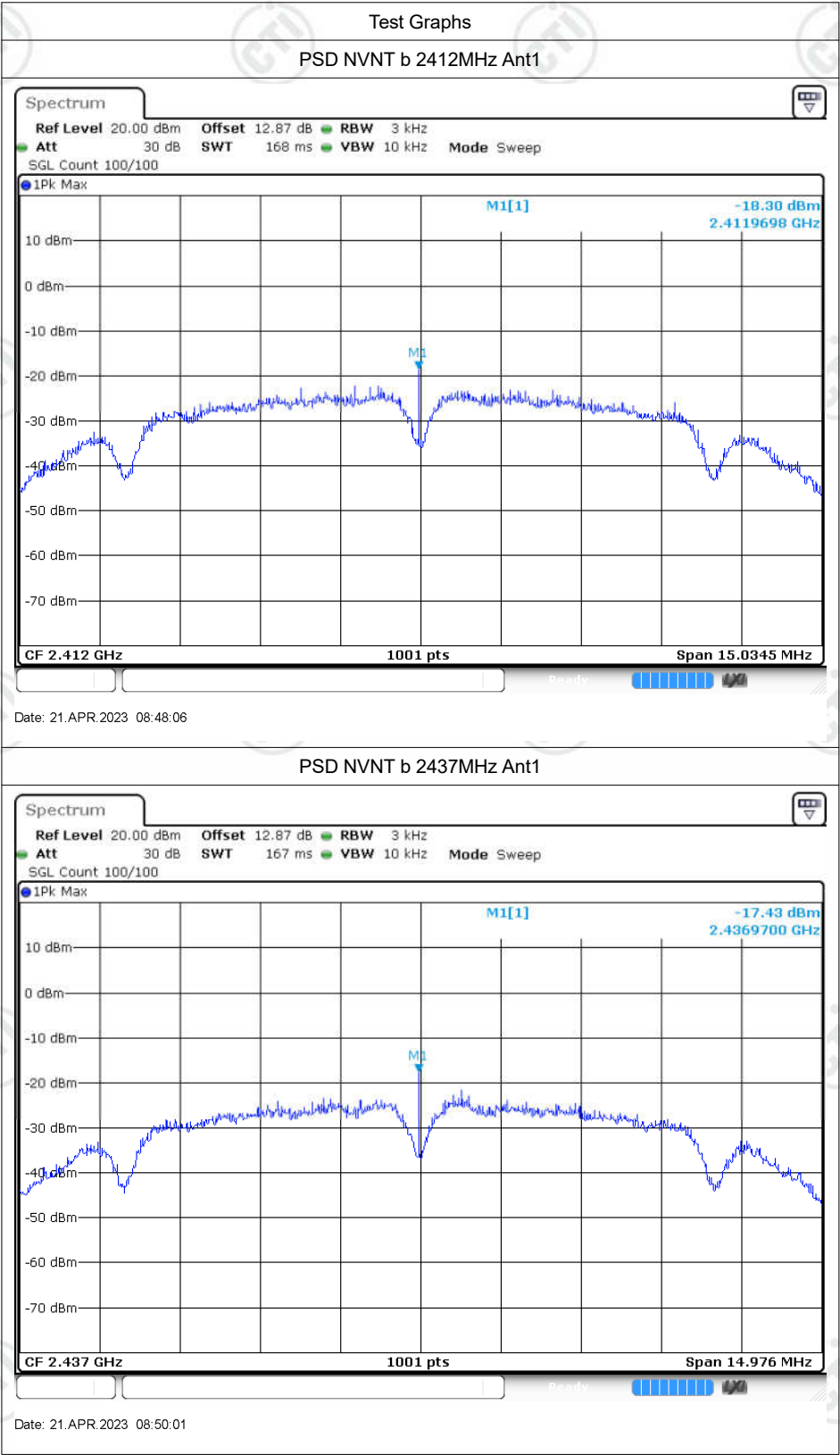


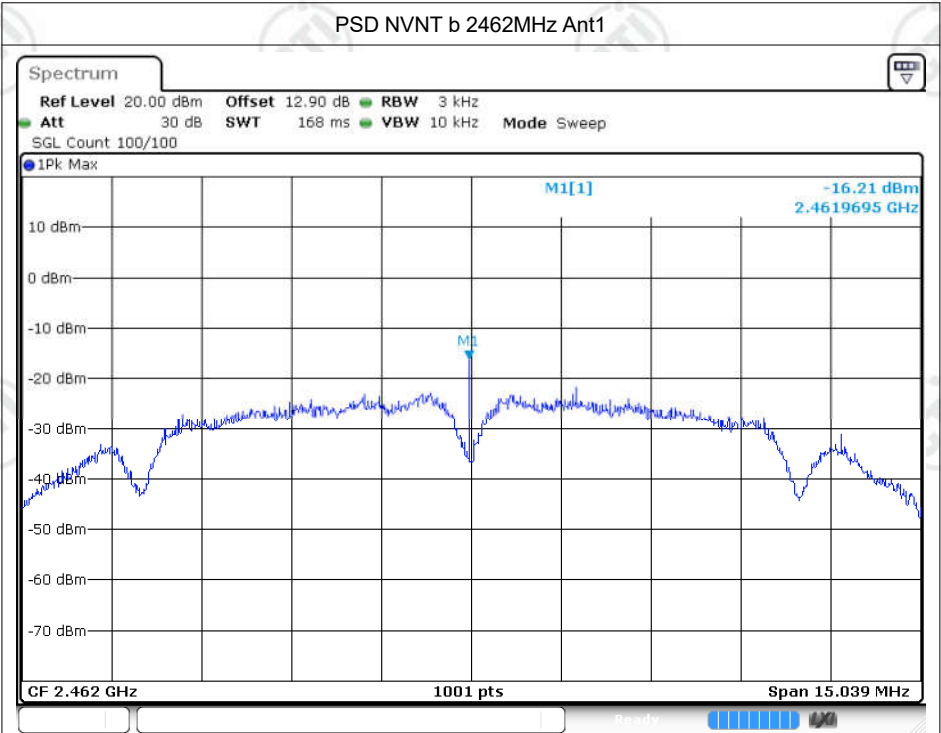
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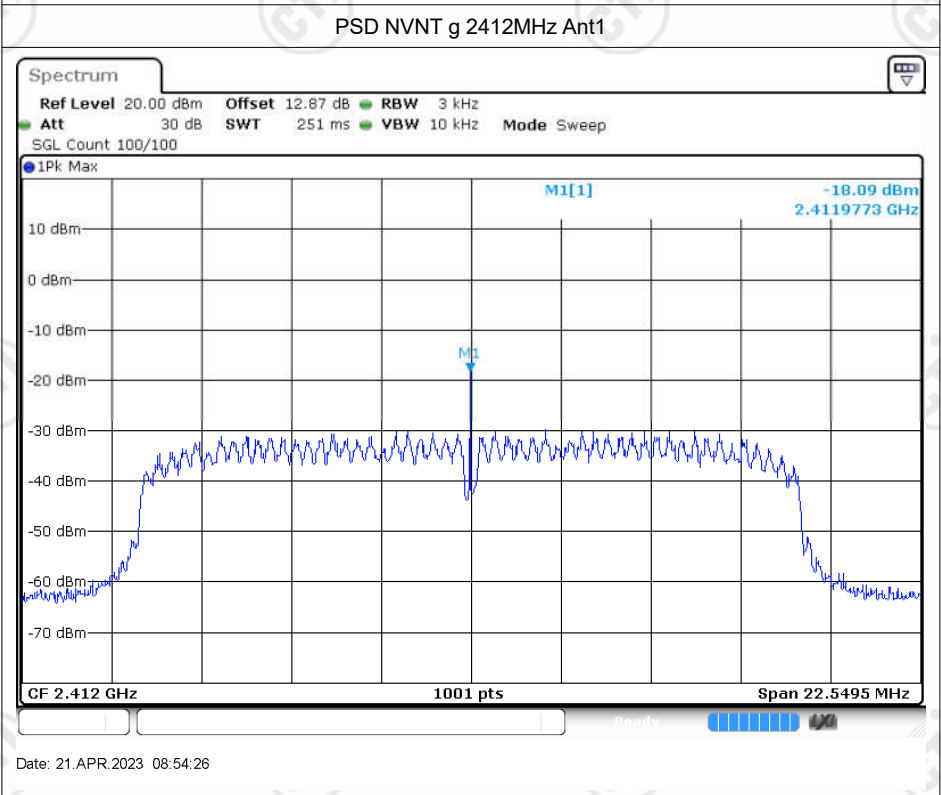
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-18.3	0	-18.3	8	Pass
NVNT	b	2437	Ant1	-17.43	0	-17.43	8	Pass
NVNT	b	2462	Ant1	-16.21	0	-16.21	8	Pass
NVNT	g	2412	Ant1	-18.09	0	-18.09	8	Pass
NVNT	g	2437	Ant1	-19.65	0	-19.65	8	Pass
NVNT	g	2462	Ant1	-18.64	0	-18.64	8	Pass
NVNT	n20	2412	Ant1	-20.1	0	-20.1	8	Pass
NVNT	n20	2437	Ant1	-19.42	0	-19.42	8	Pass
NVNT	n20	2462	Ant1	-17.92	0	-17.92	8	Pass

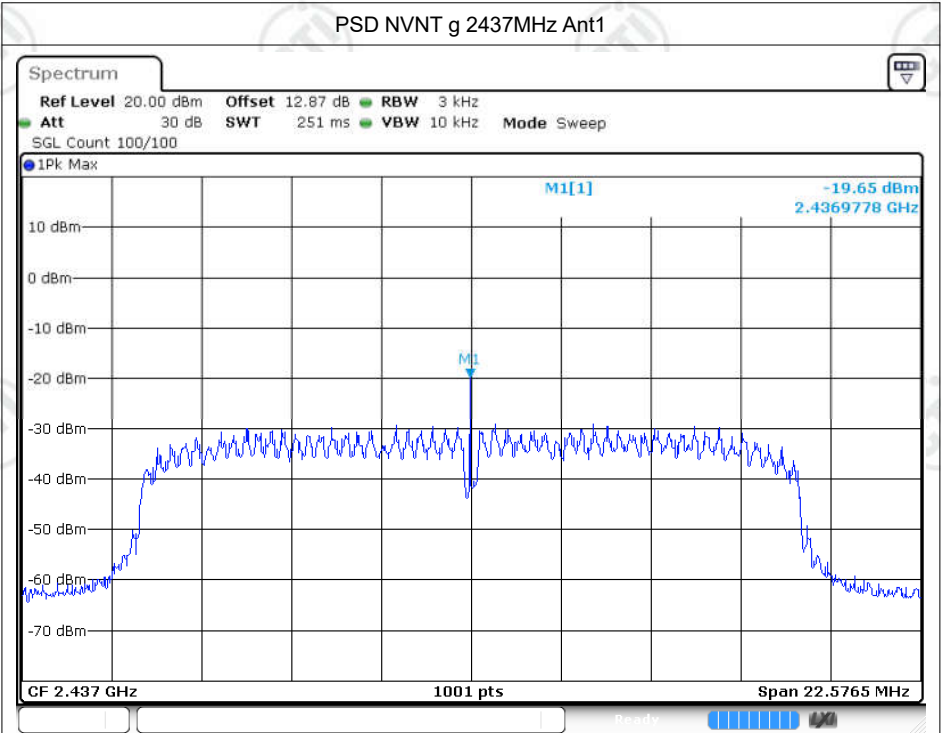




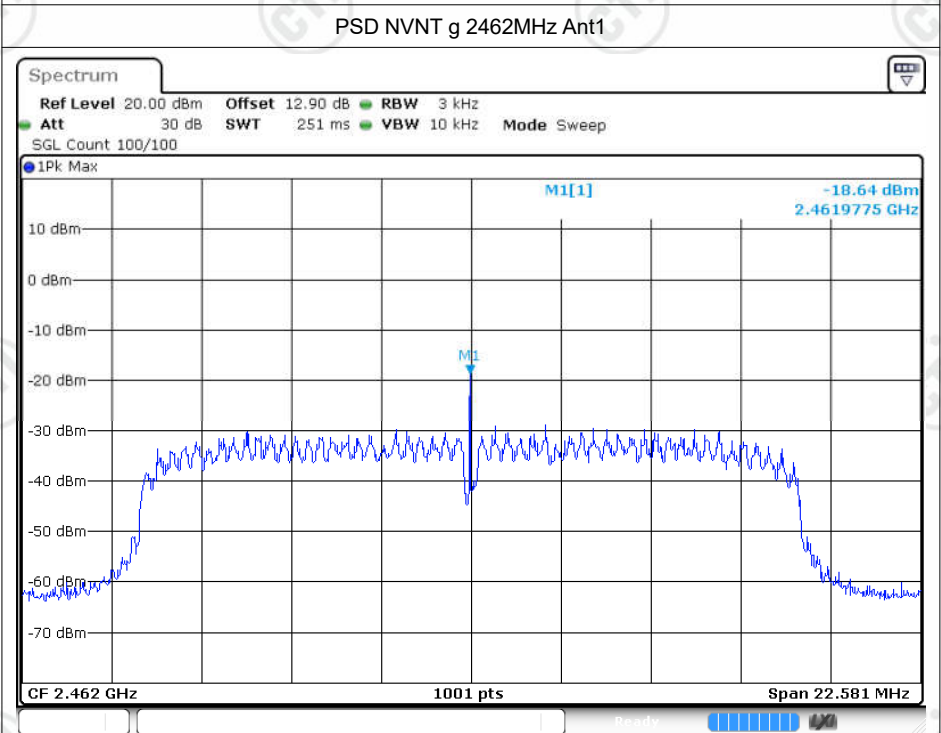
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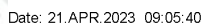
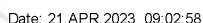
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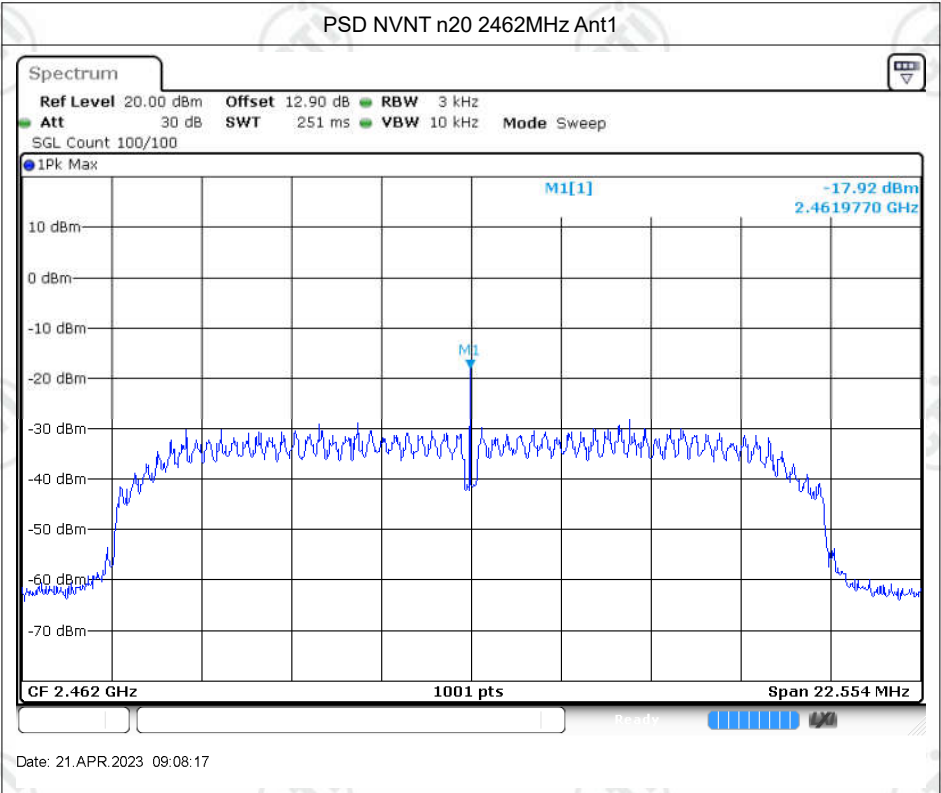


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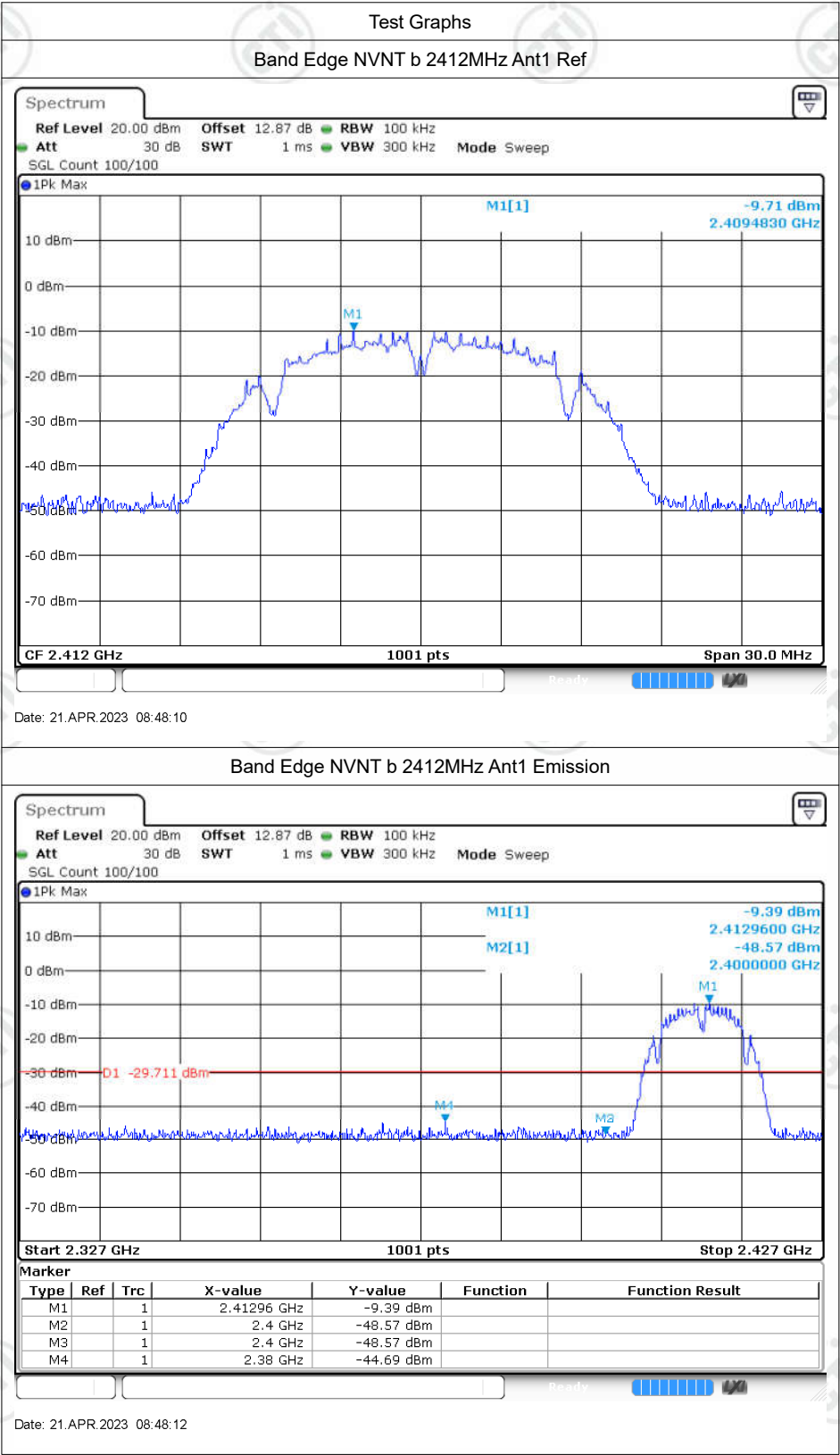
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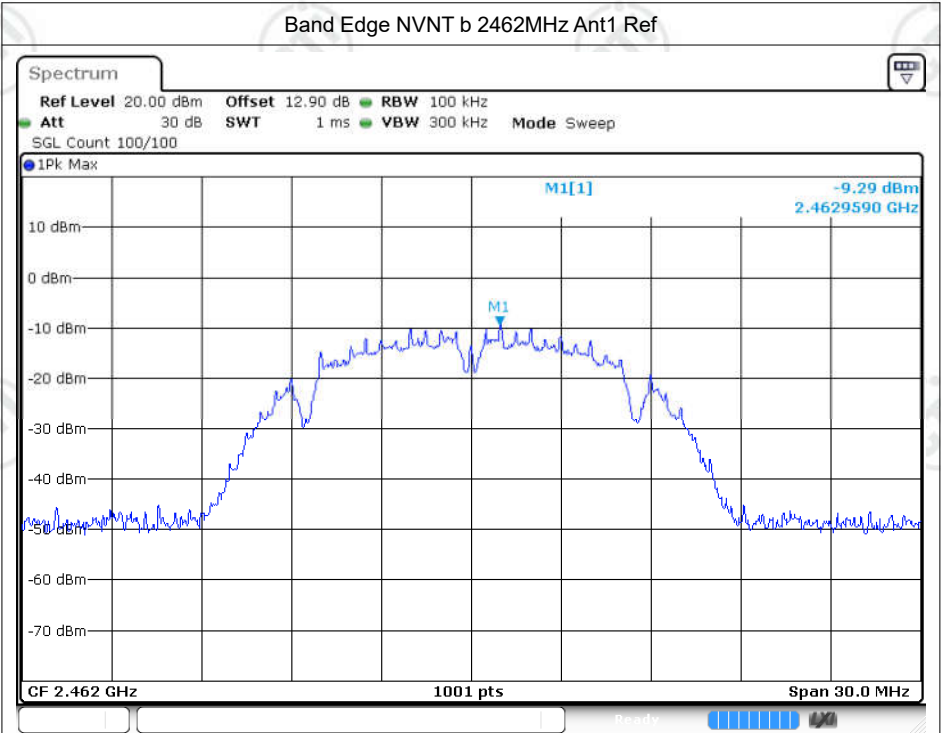




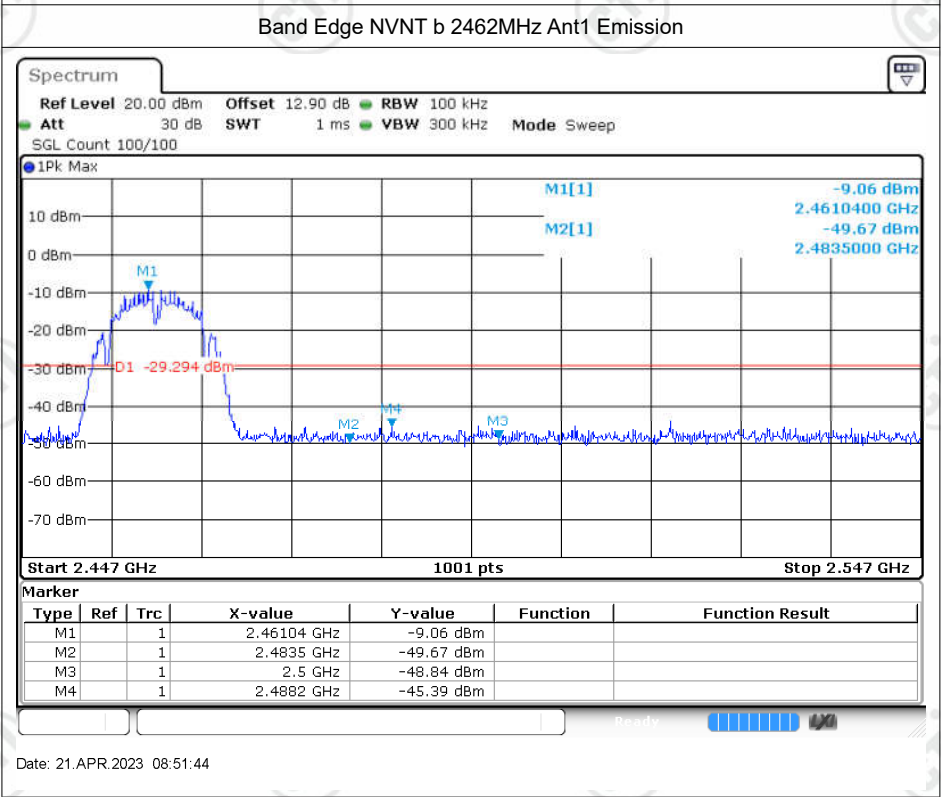
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-34.98	-20	Pass
NVNT	b	2462	Ant1	-36.1	-20	Pass
NVNT	g	2412	Ant1	-28.84	-20	Pass
NVNT	g	2462	Ant1	-27.78	-20	Pass
NVNT	n20	2412	Ant1	-28.53	-20	Pass
NVNT	n20	2462	Ant1	-29.54	-20	Pass

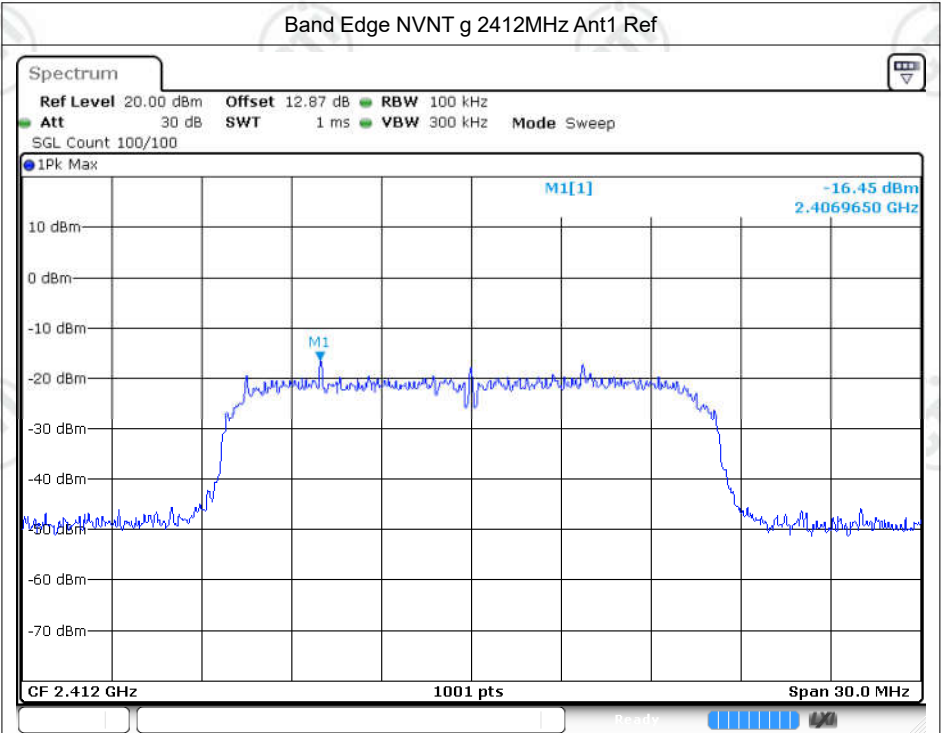




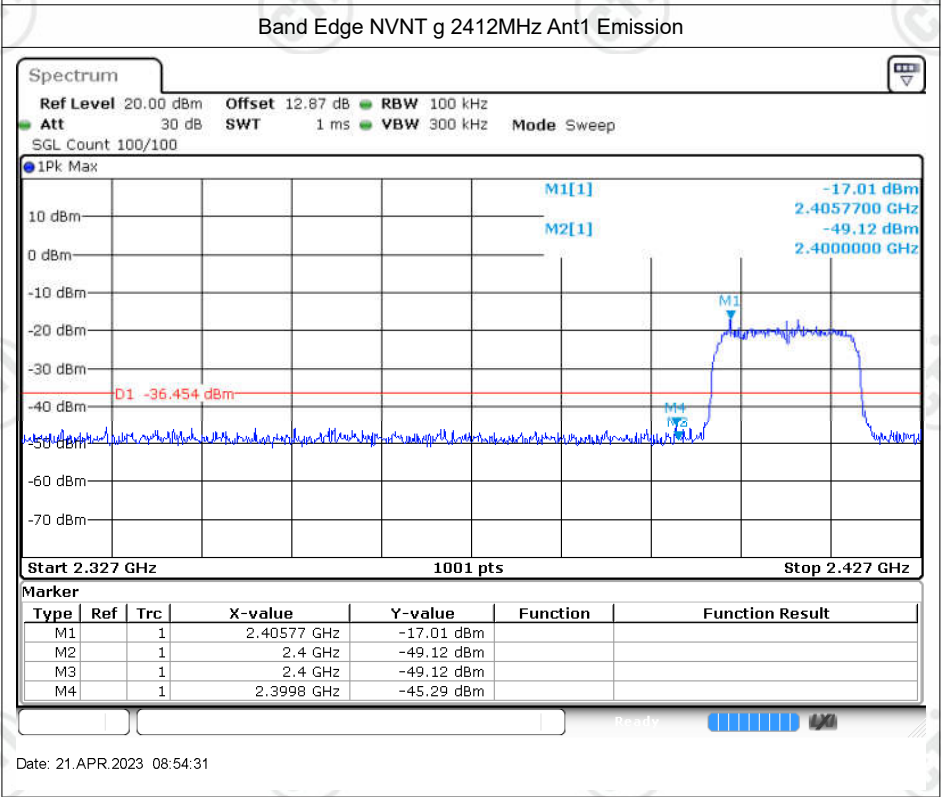
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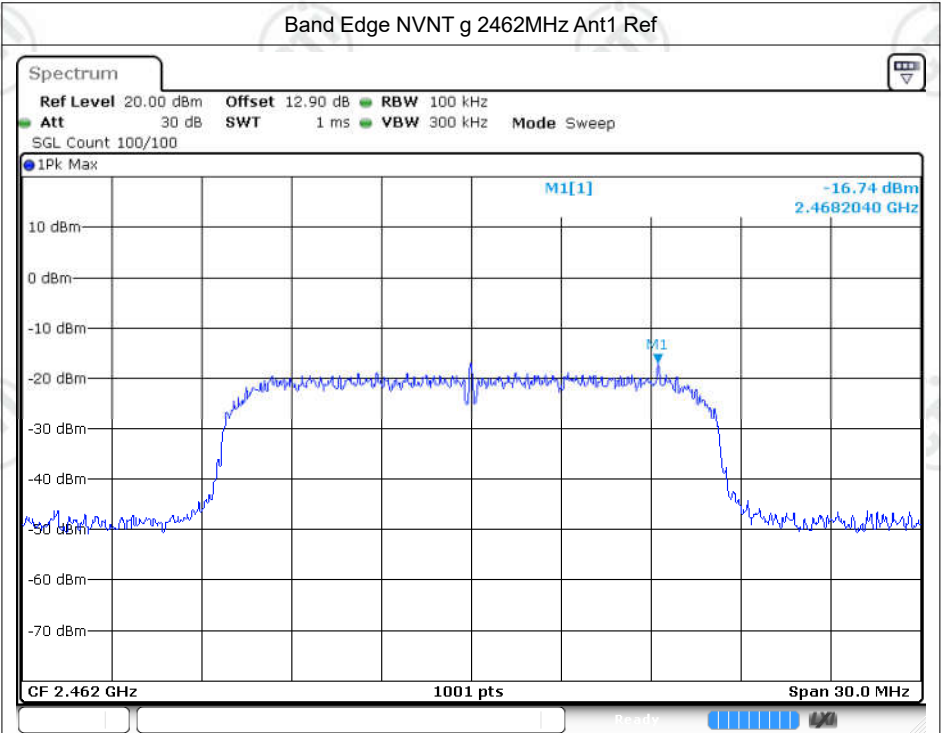
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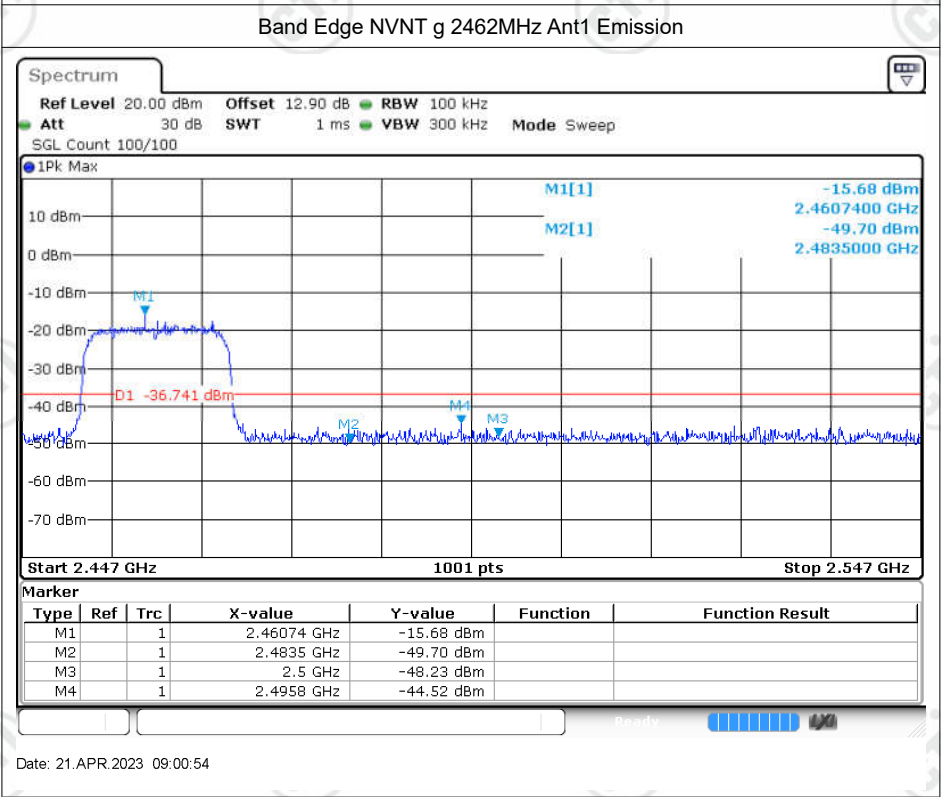
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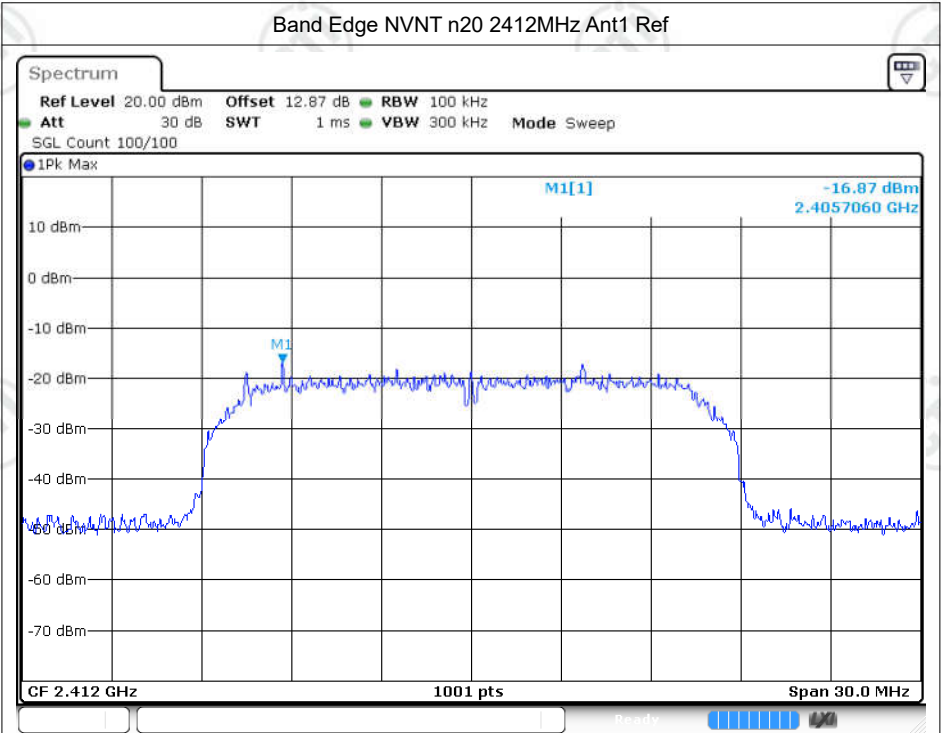
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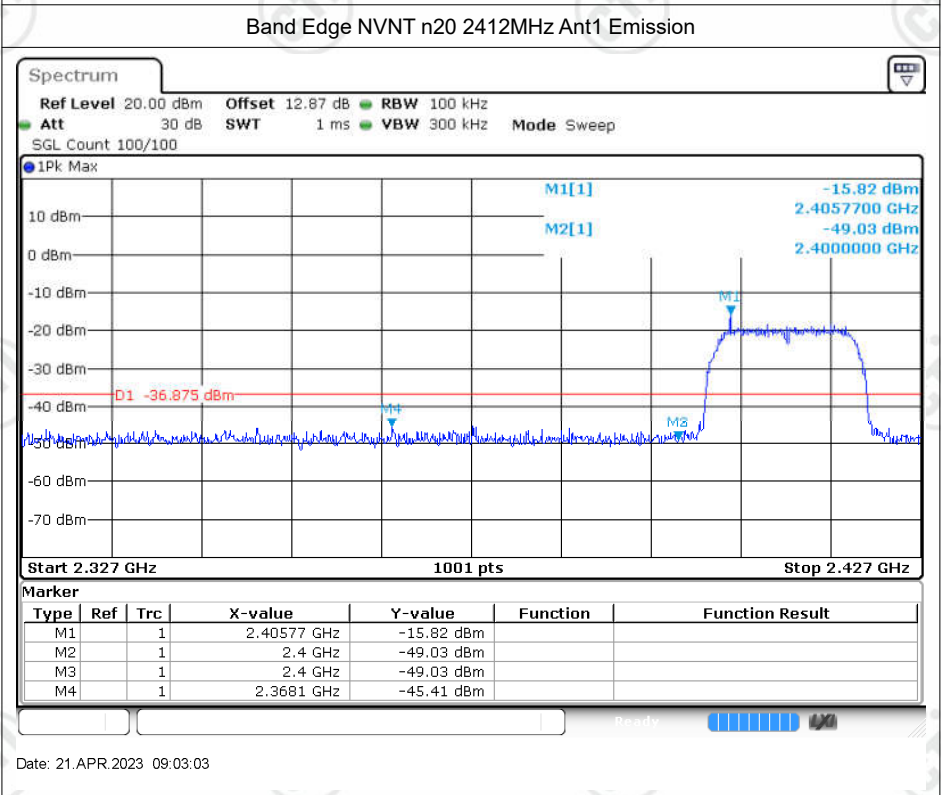
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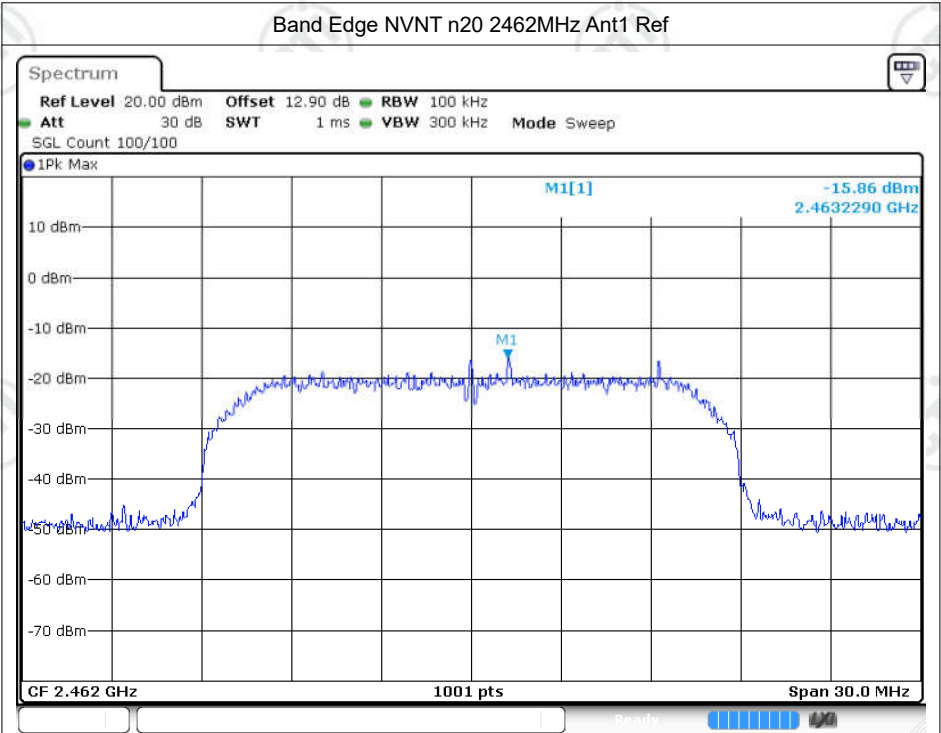
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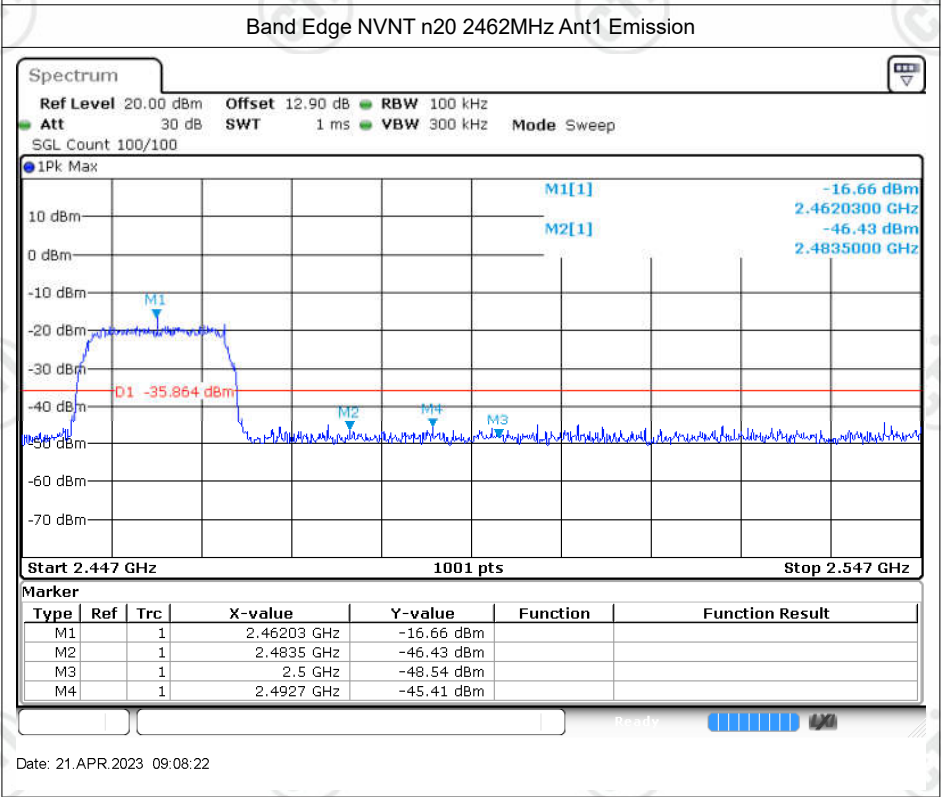
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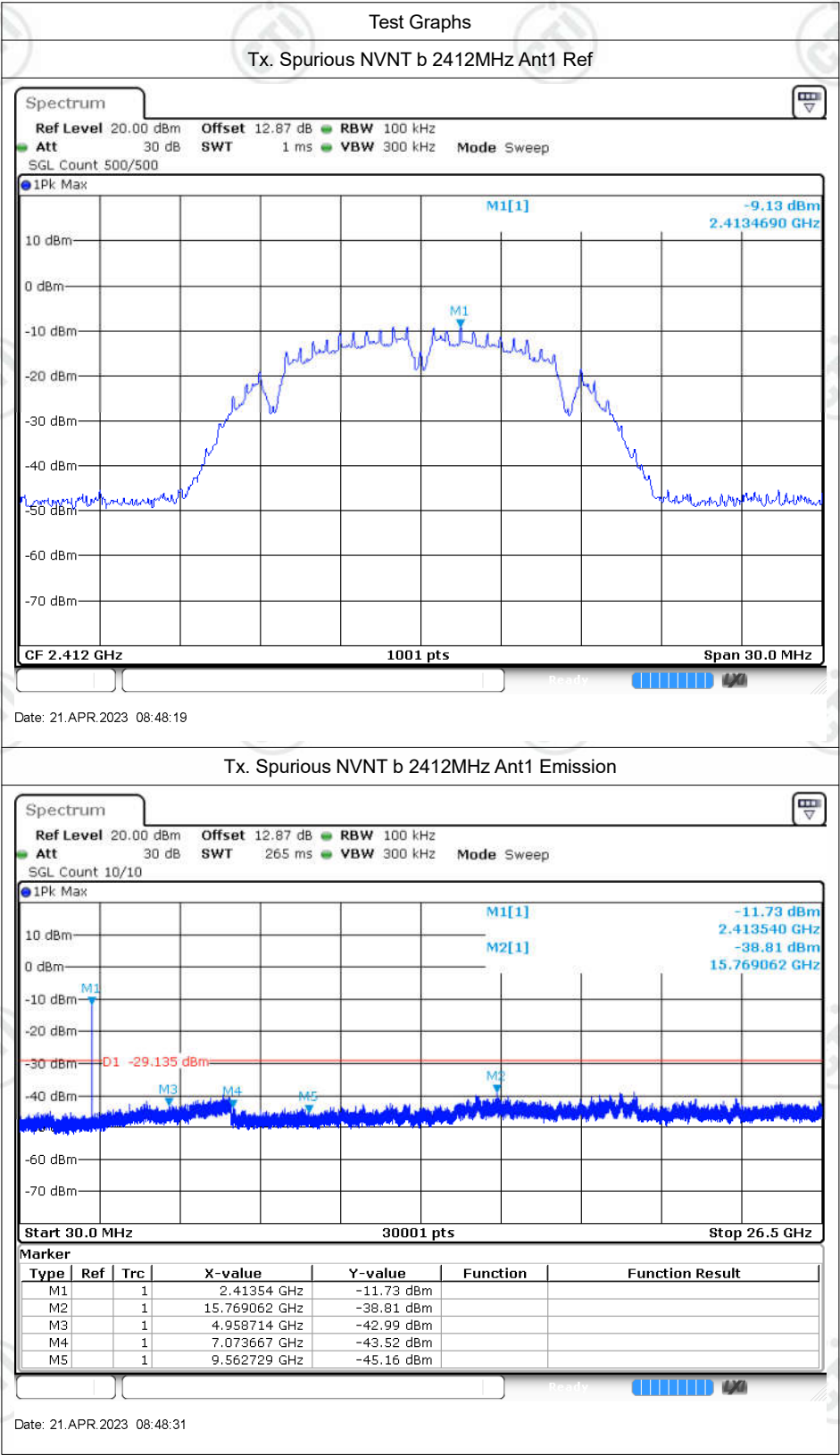
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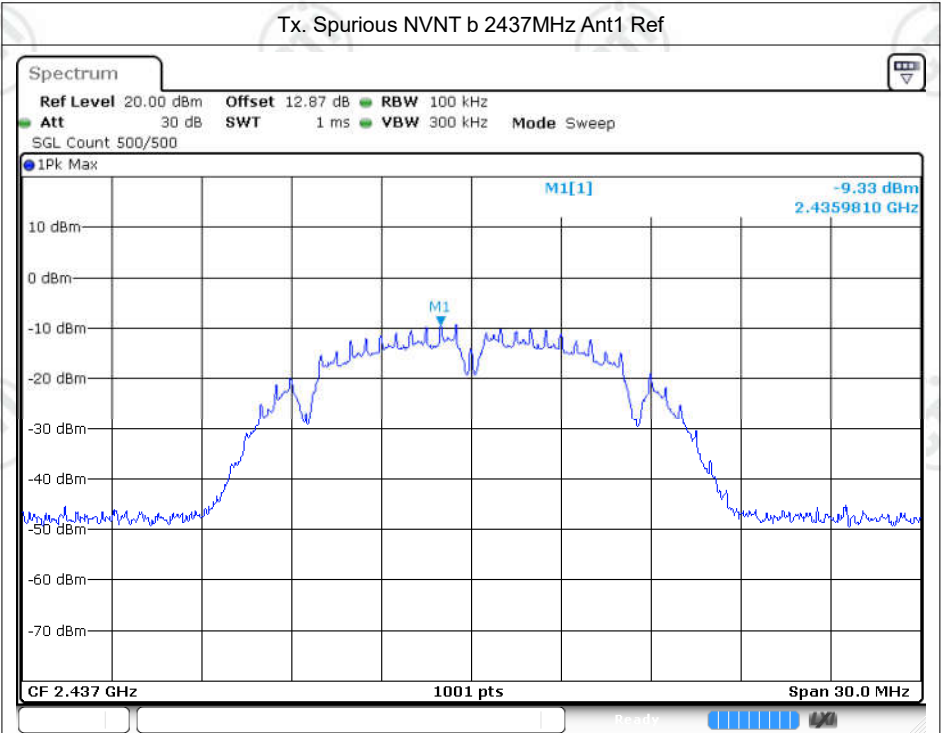


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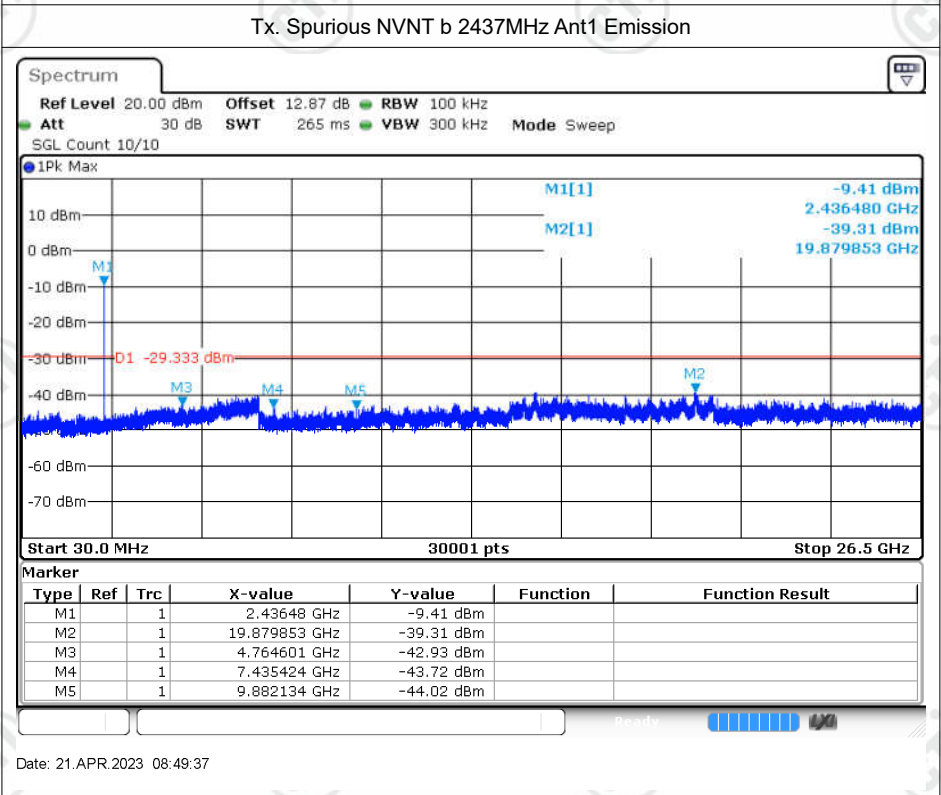
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-29.67	-20	Pass
NVNT	b	2437	Ant1	-29.98	-20	Pass
NVNT	b	2462	Ant1	-29.59	-20	Pass
NVNT	g	2412	Ant1	-32.07	-20	Pass
NVNT	g	2437	Ant1	-31.74	-20	Pass
NVNT	g	2462	Ant1	-32.89	-20	Pass
NVNT	n20	2412	Ant1	-33.26	-20	Pass
NVNT	n20	2437	Ant1	-33.31	-20	Pass
NVNT	n20	2462	Ant1	-31.61	-20	Pass

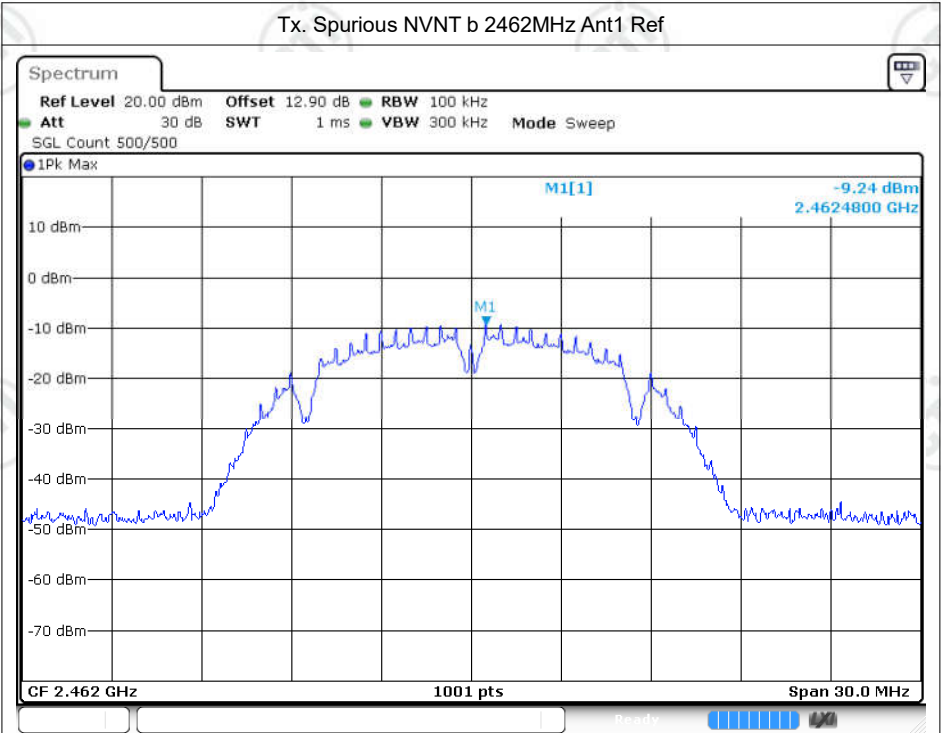




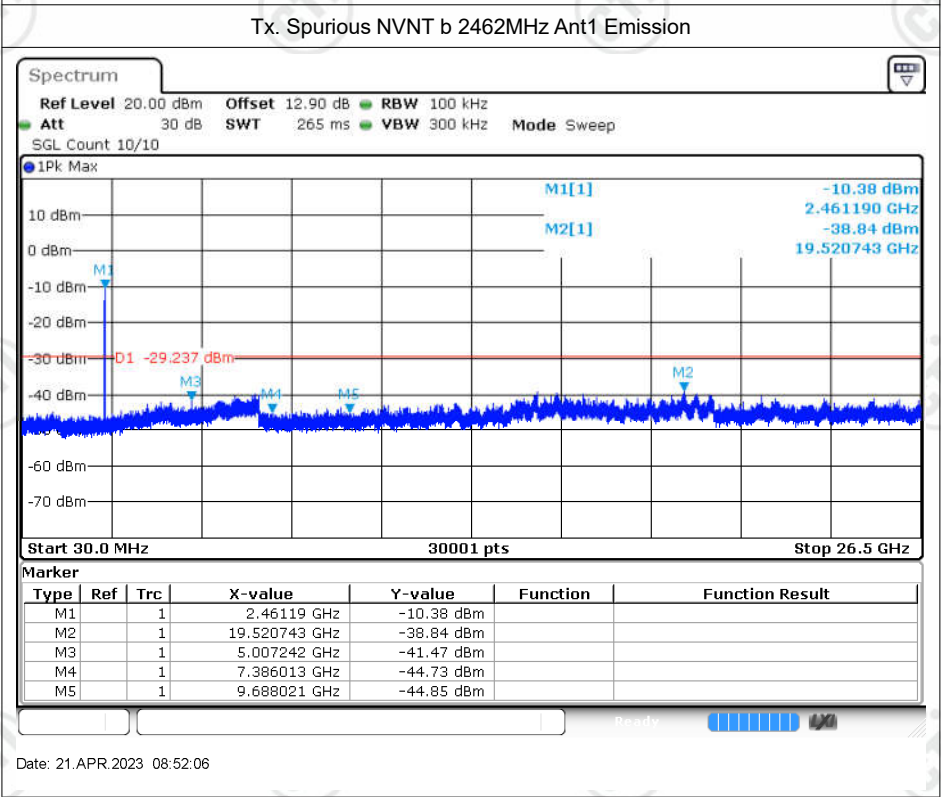
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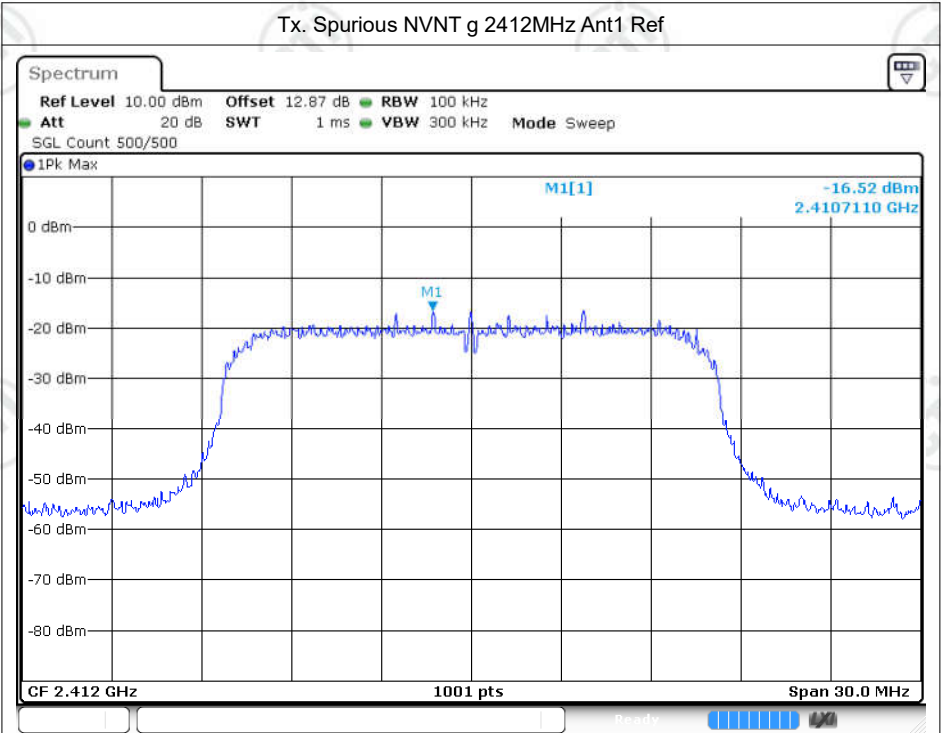
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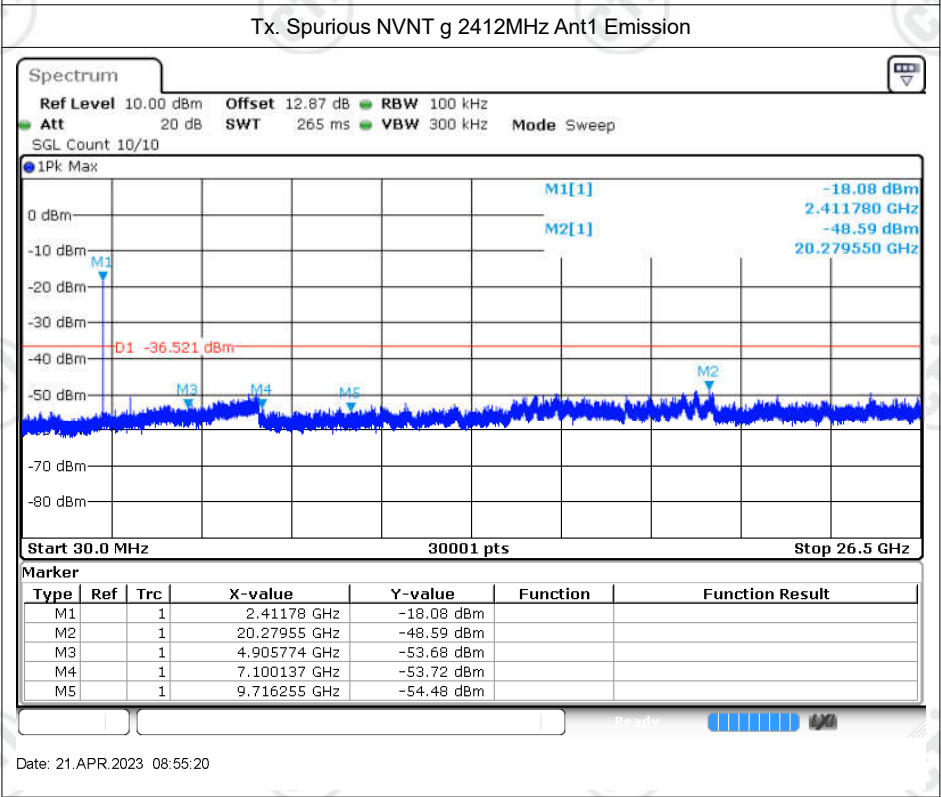
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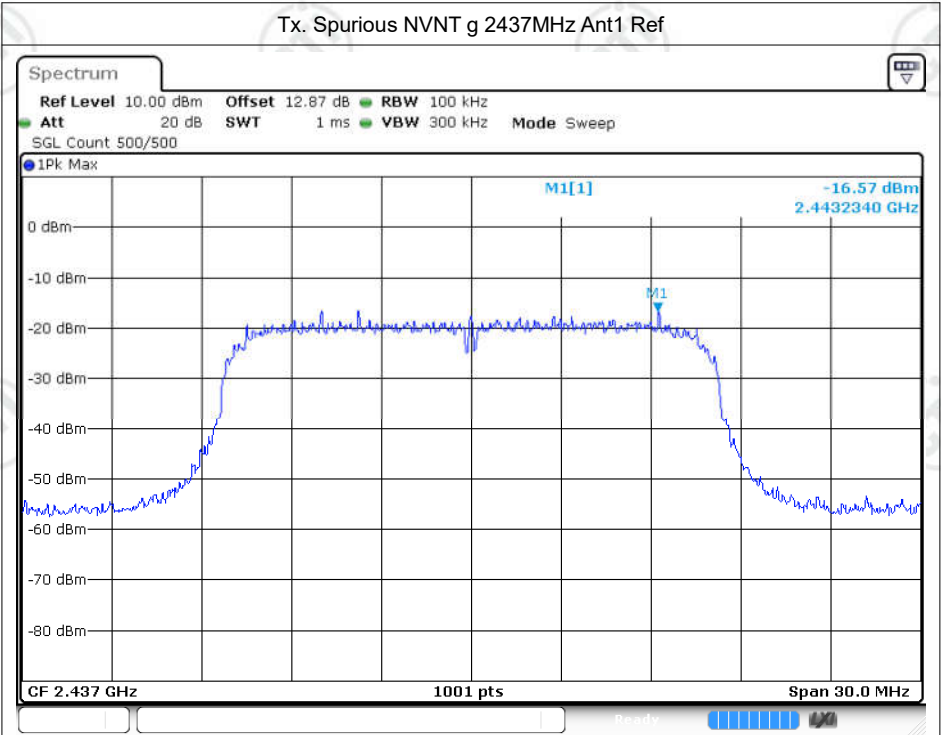
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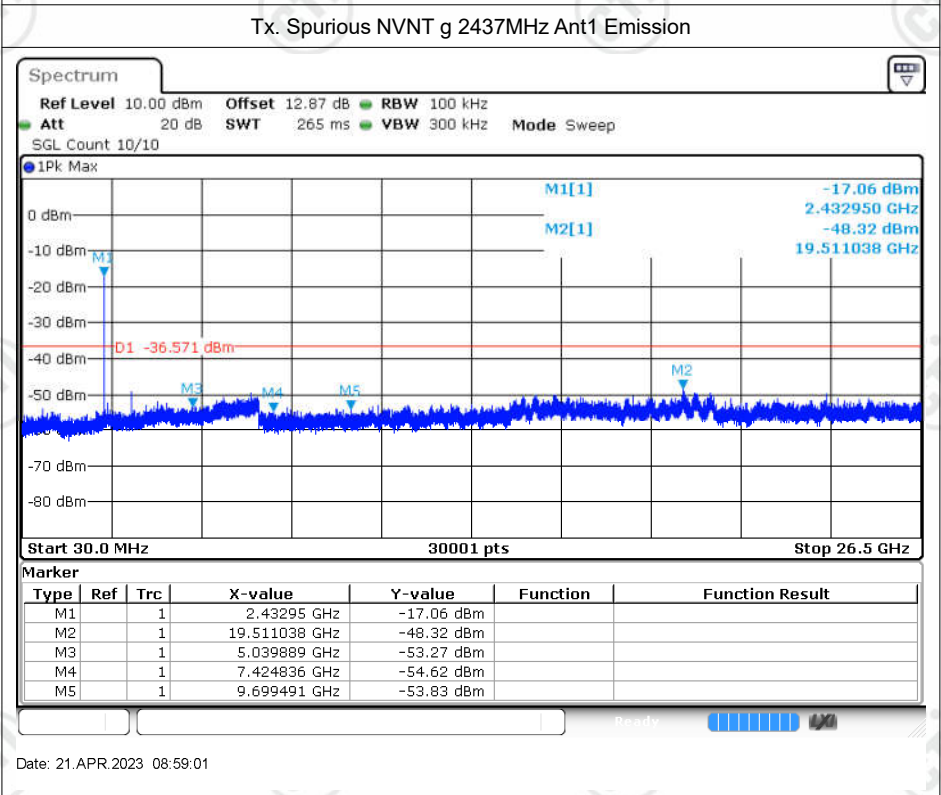
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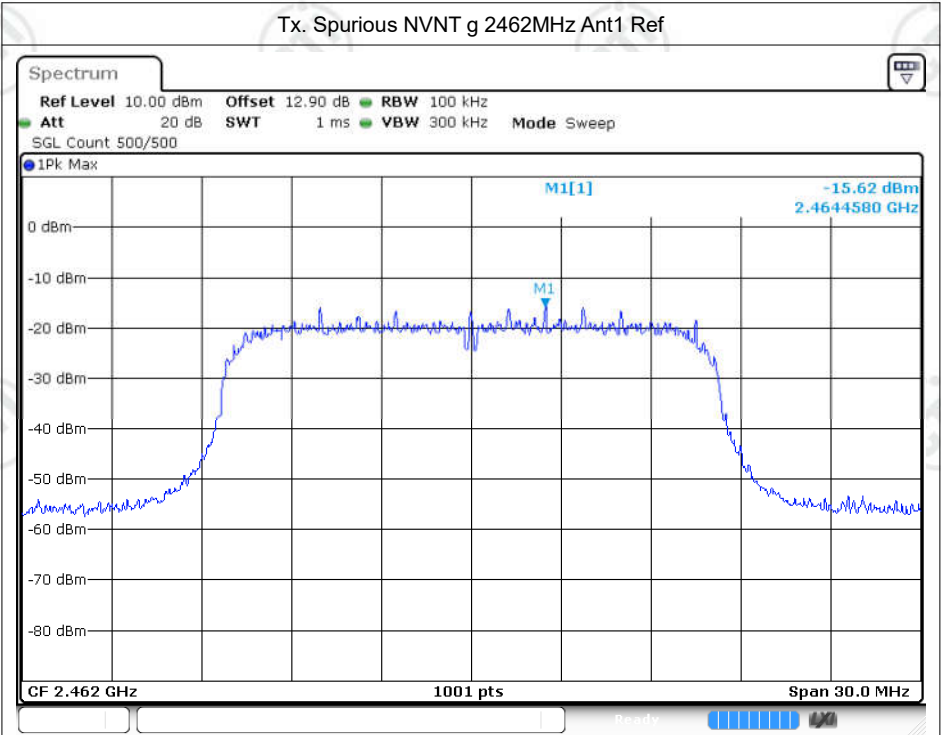
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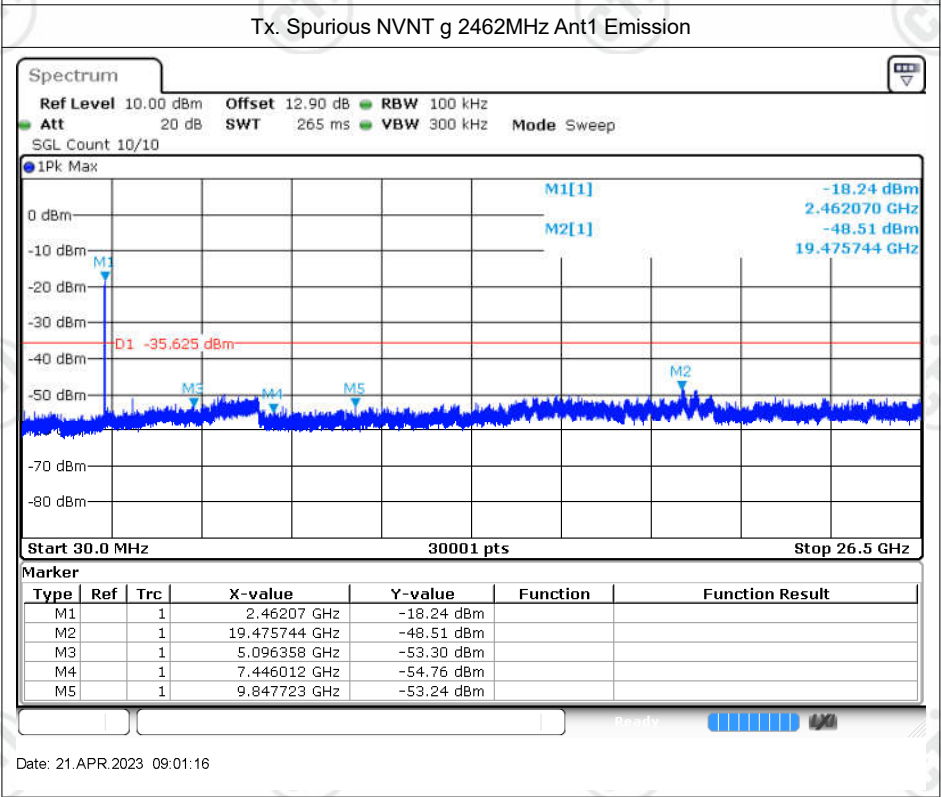
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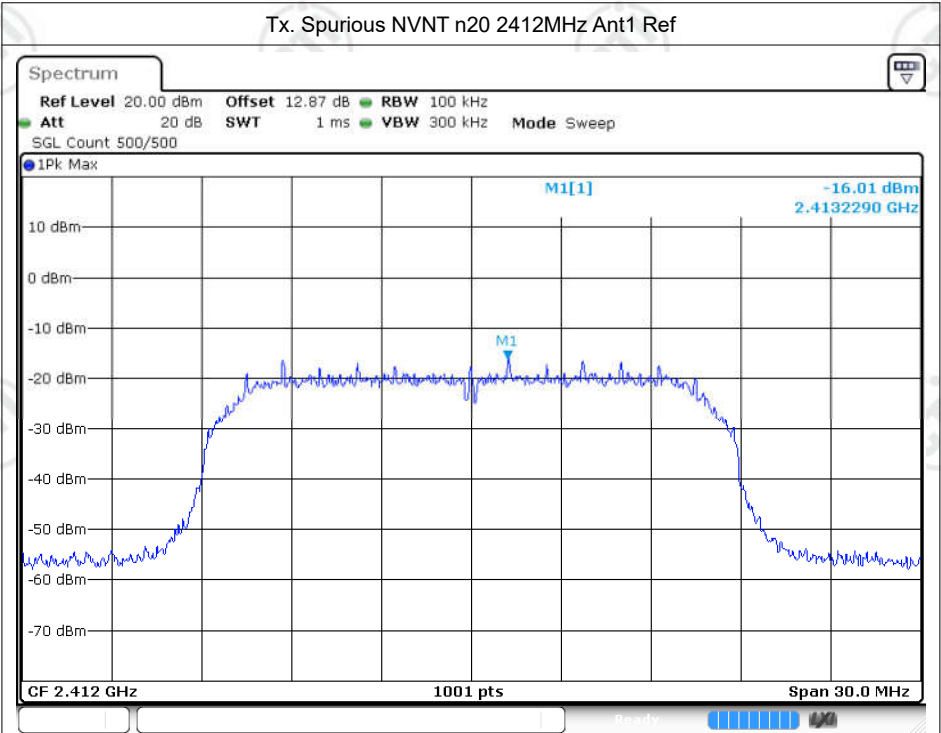
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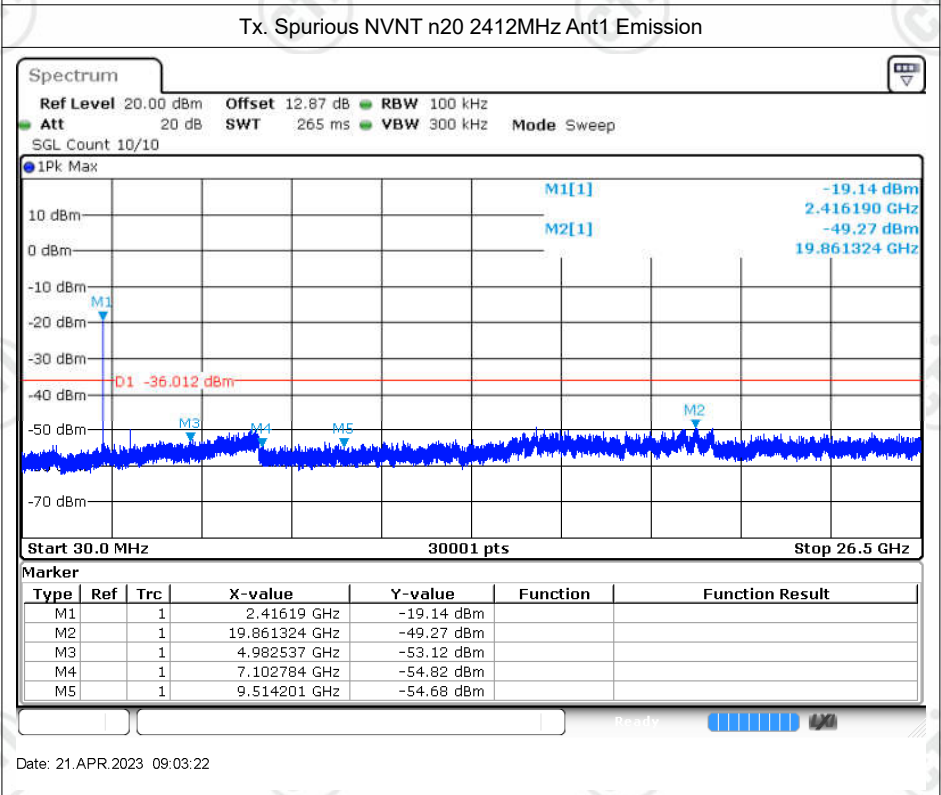
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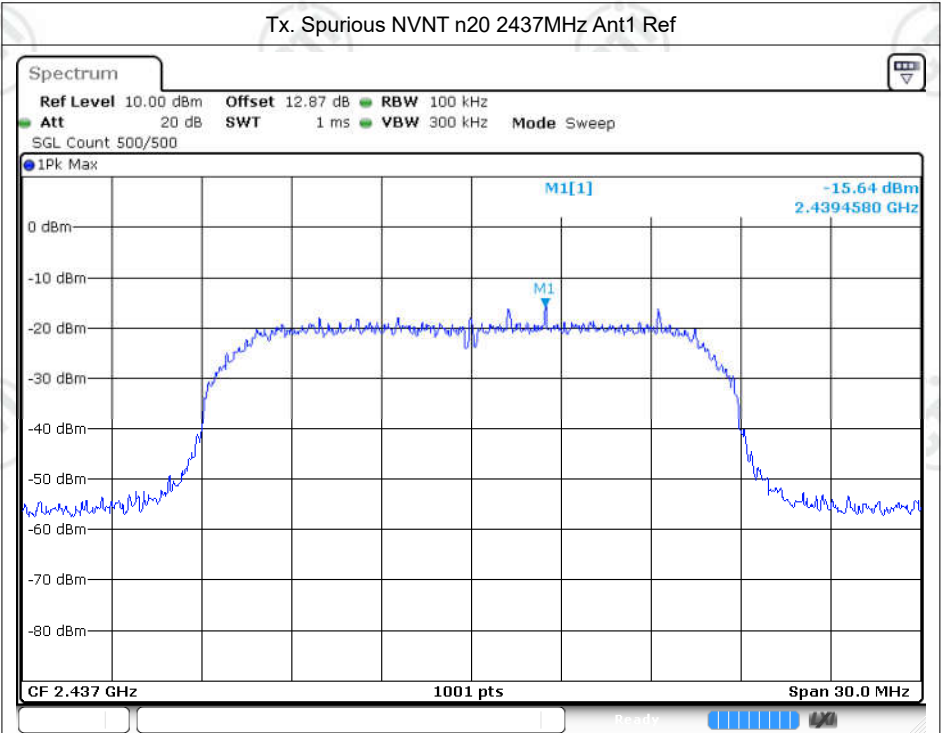
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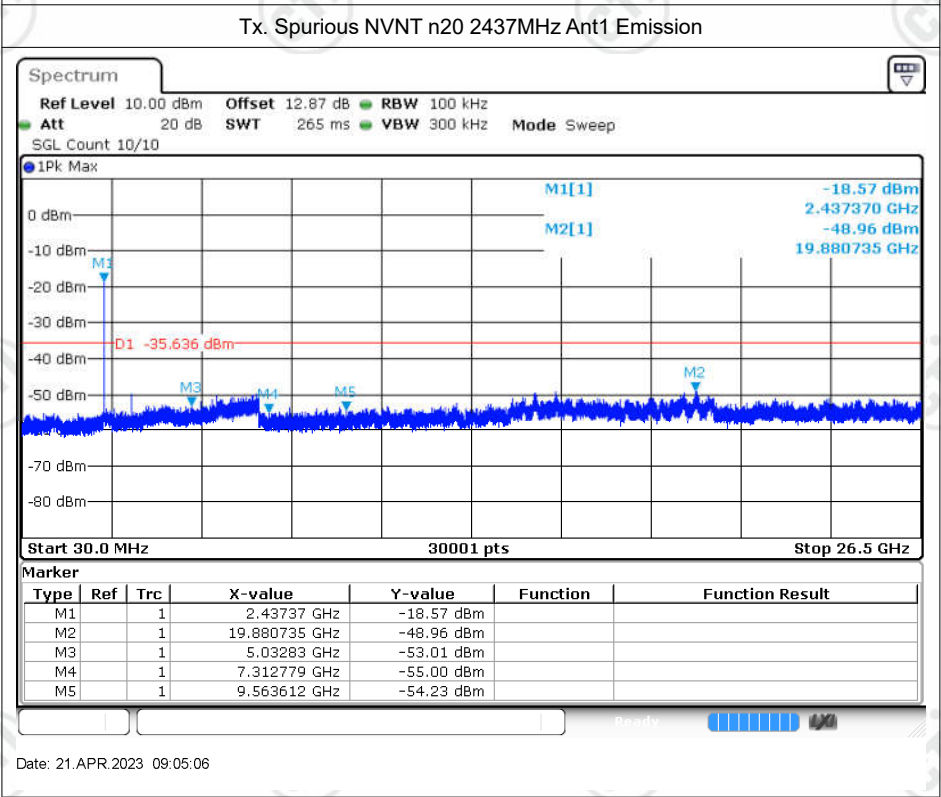
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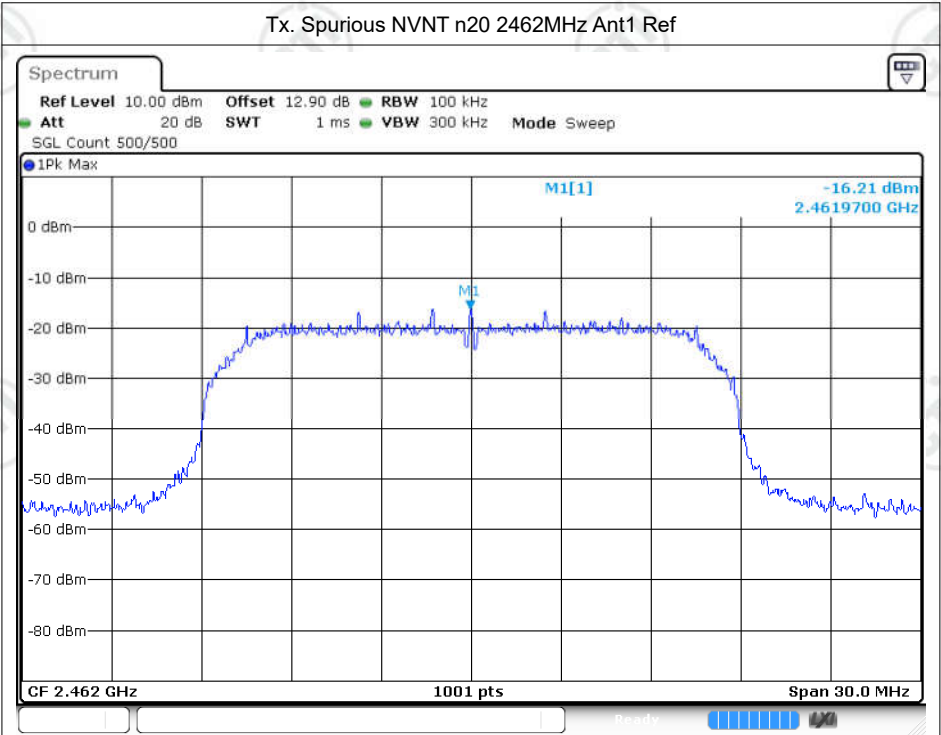


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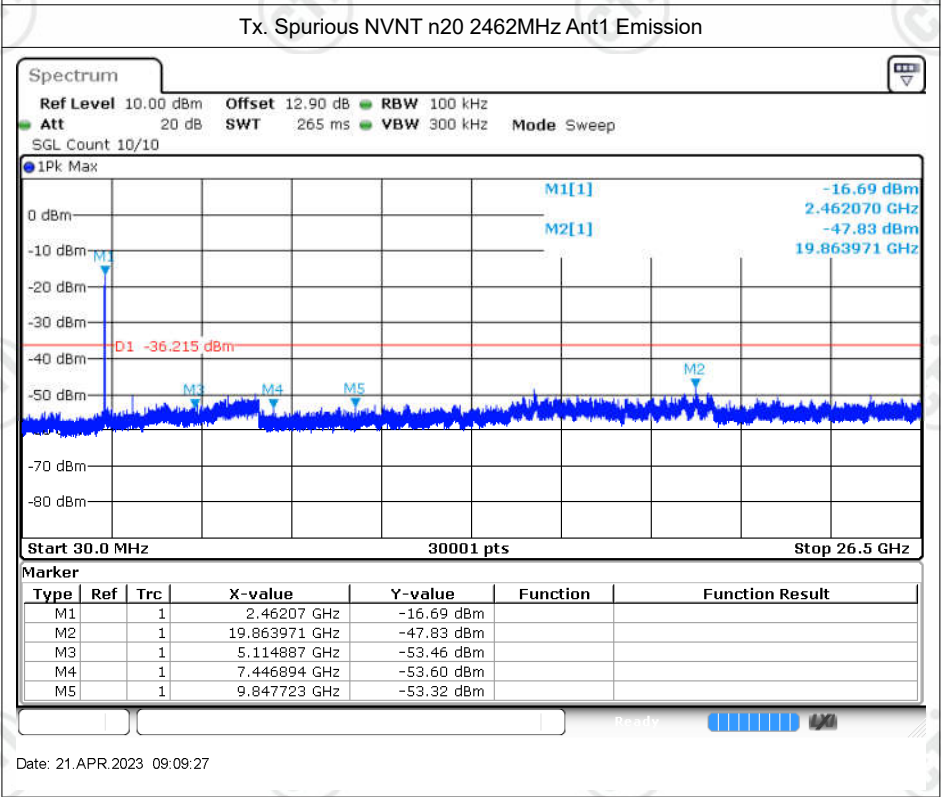


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*** End of Report ***