

Appendix: 2.4G Wi-Fi

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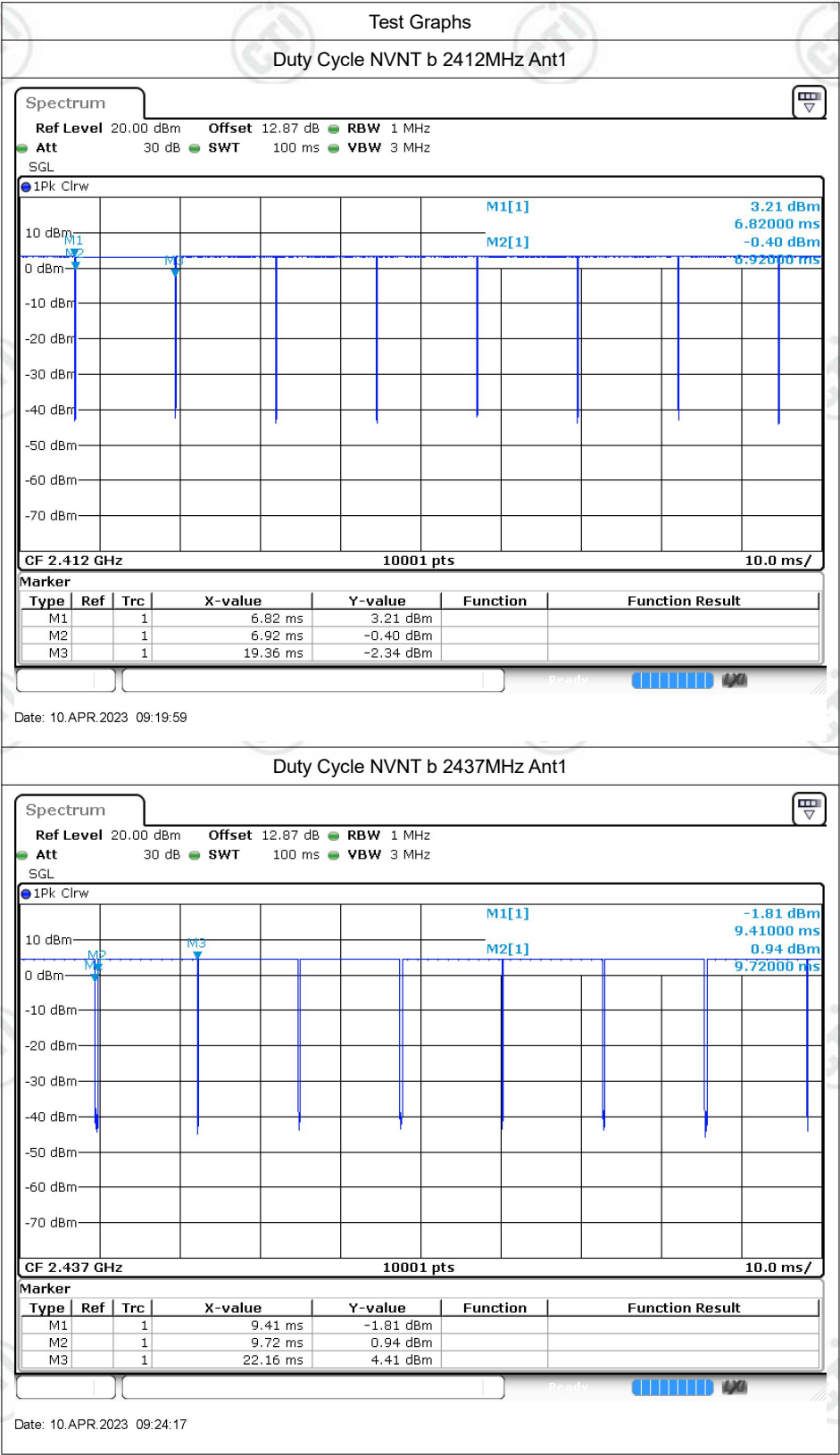
Maximum Power Spectral Density Level 25

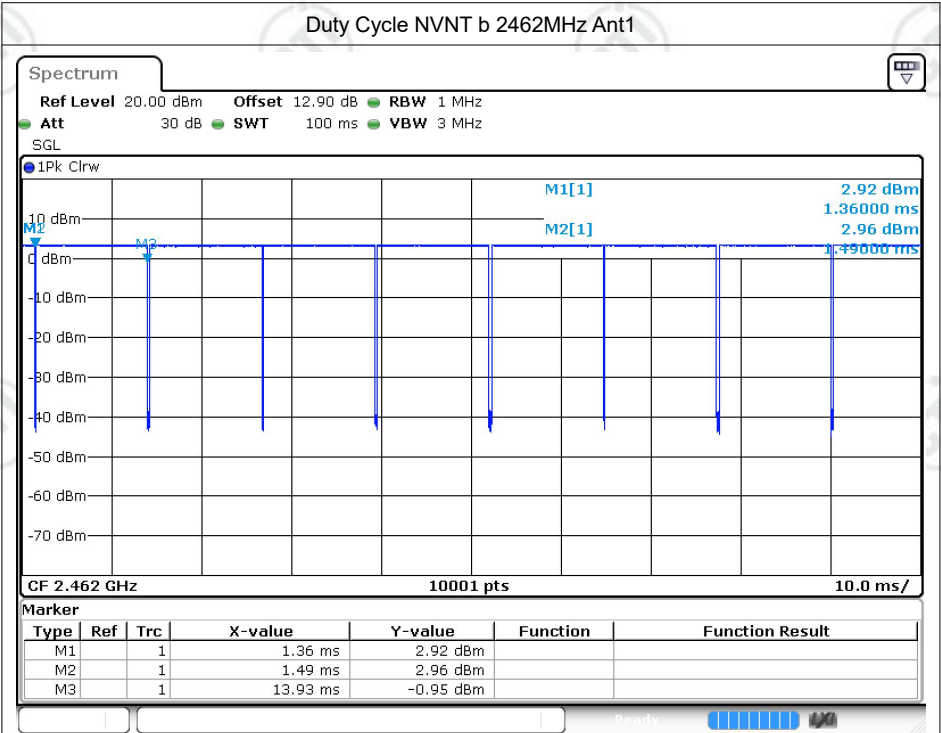
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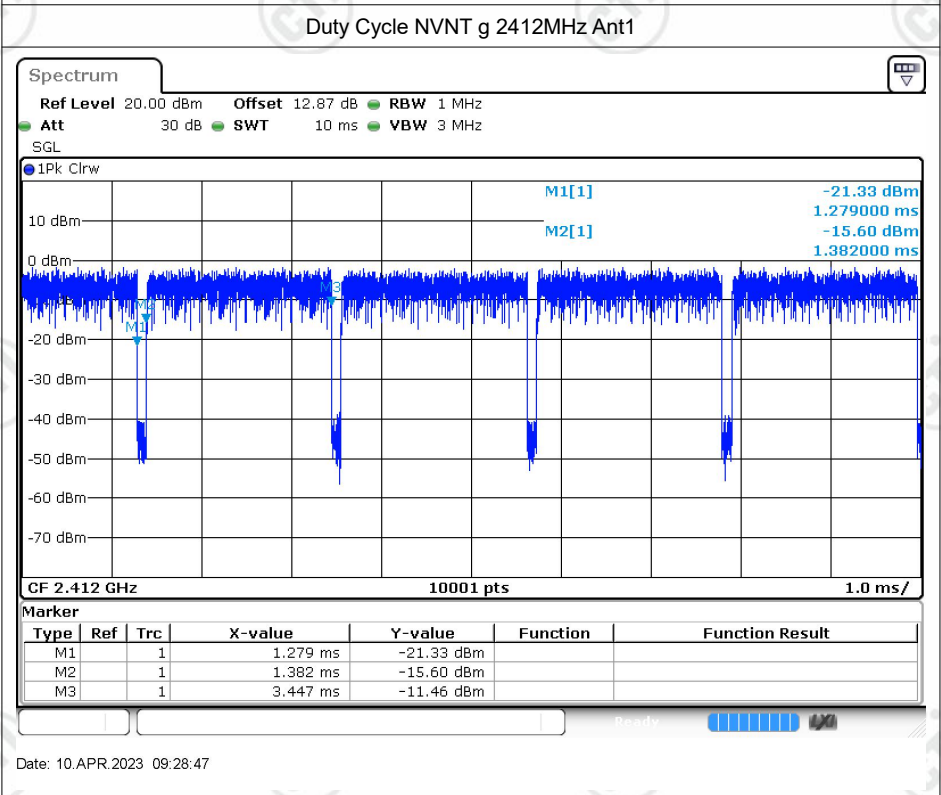
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.2	0	0.08
NVNT	b	2437	Ant1	97.57	0.11	0.08
NVNT	b	2462	Ant1	98.97	0	0.08
NVNT	g	2412	Ant1	95.25	0.21	0.48
NVNT	g	2437	Ant1	95.07	0.22	0.48
NVNT	g	2462	Ant1	95.07	0.22	0.48
NVNT	n20	2412	Ant1	94.59	0.24	0.52
NVNT	n20	2437	Ant1	94.83	0.23	0.52
NVNT	n20	2462	Ant1	94.36	0.25	0.52
NVNT	n40	2422	Ant1	90.15	0.45	1.05
NVNT	n40	2437	Ant1	90.84	0.42	1.05
NVNT	n40	2452	Ant1	90.77	0.42	1.06

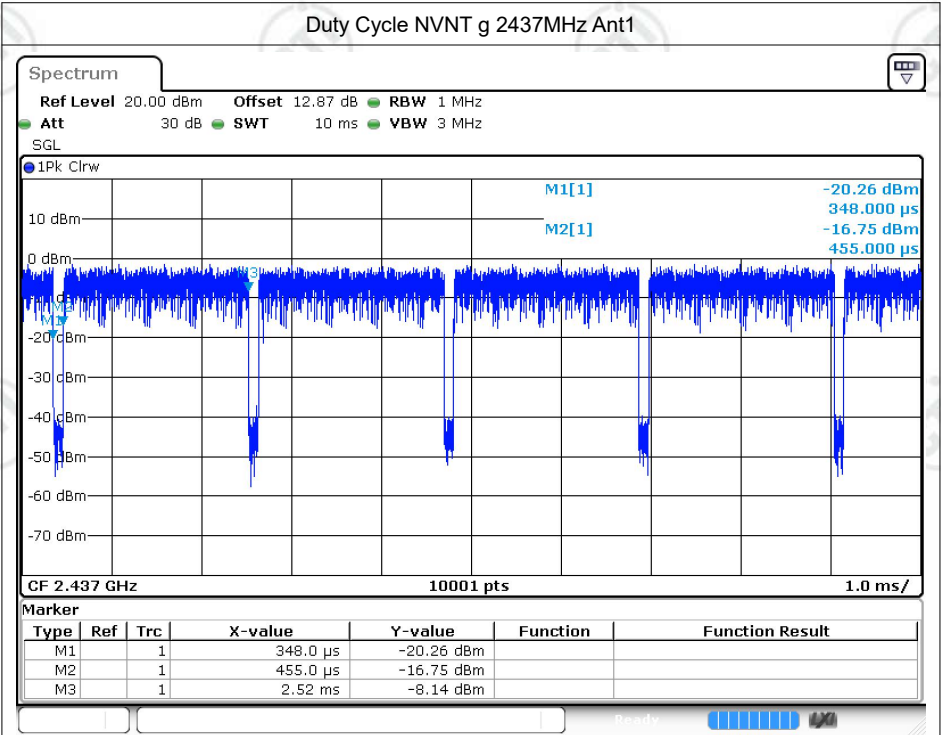




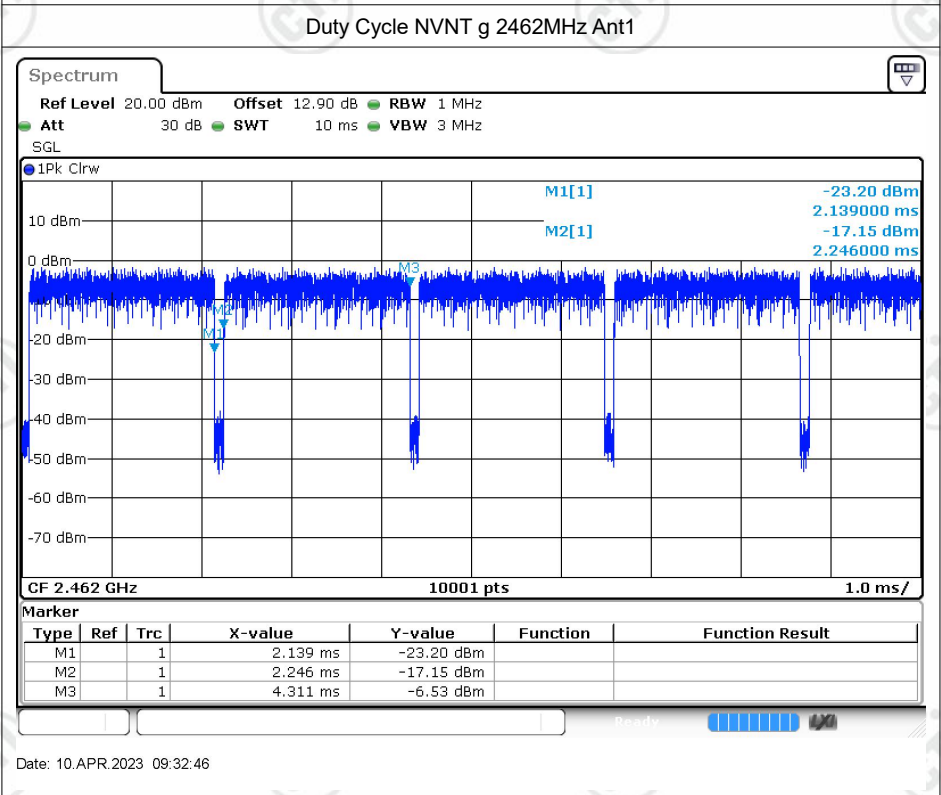
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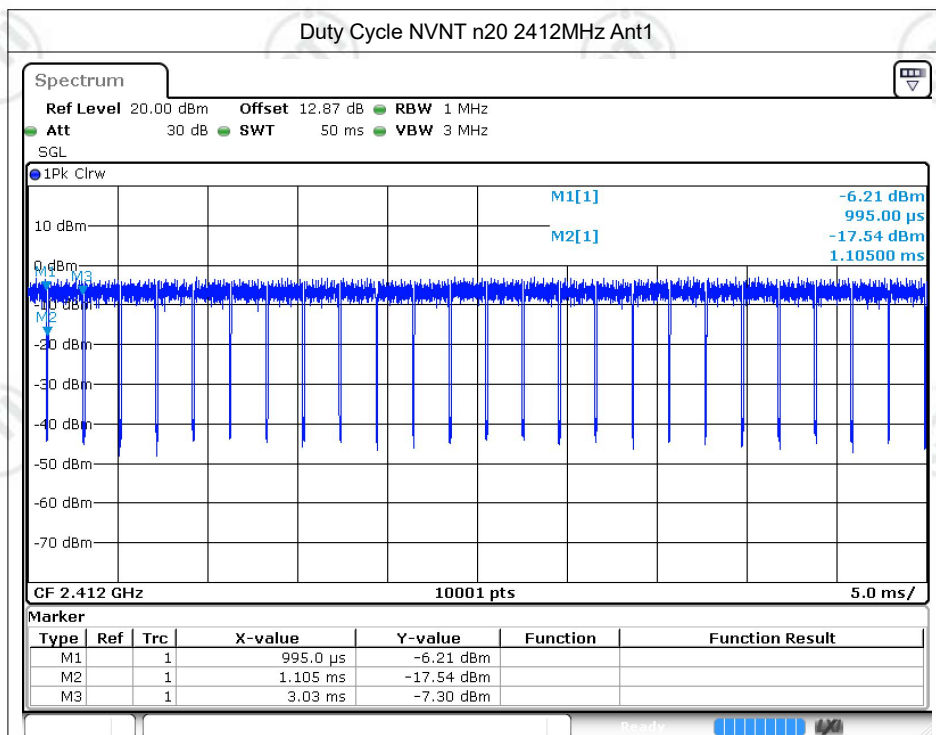
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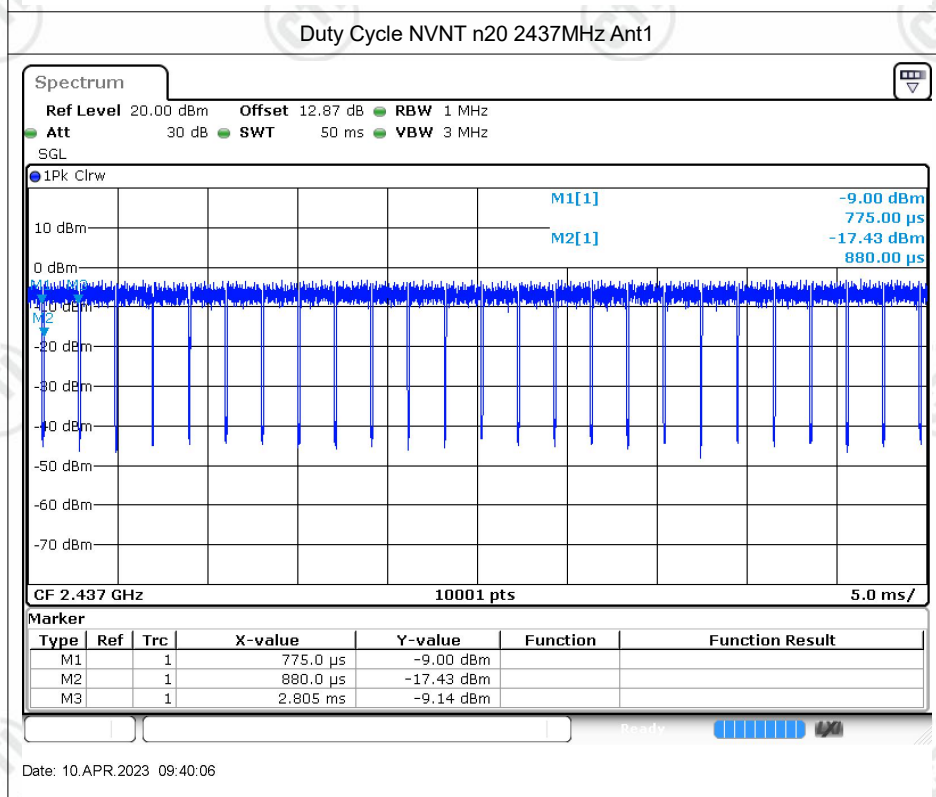
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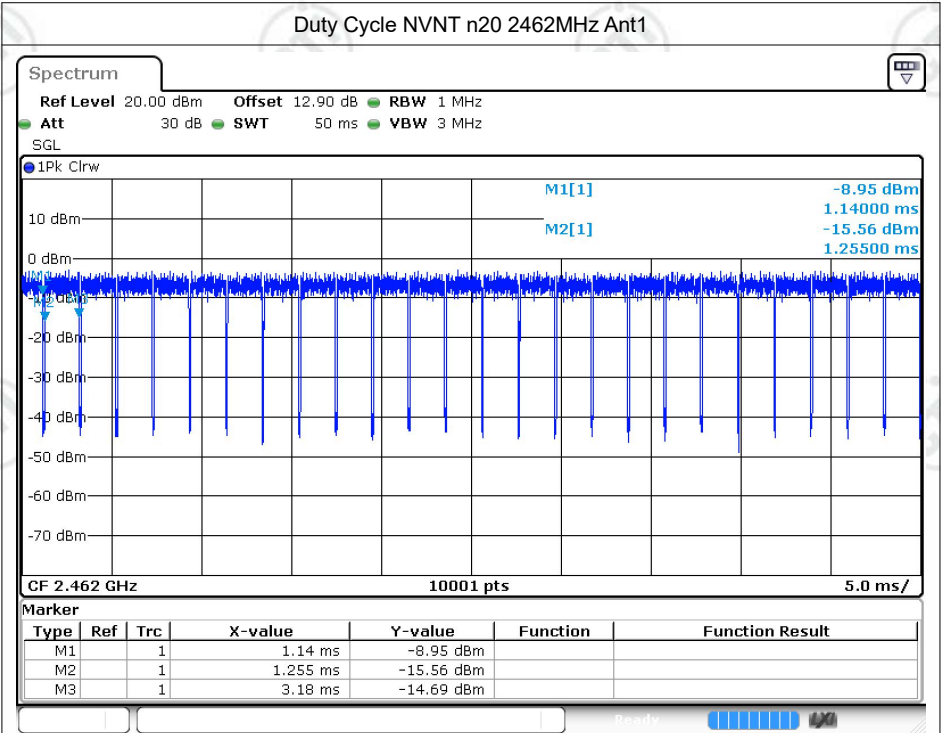
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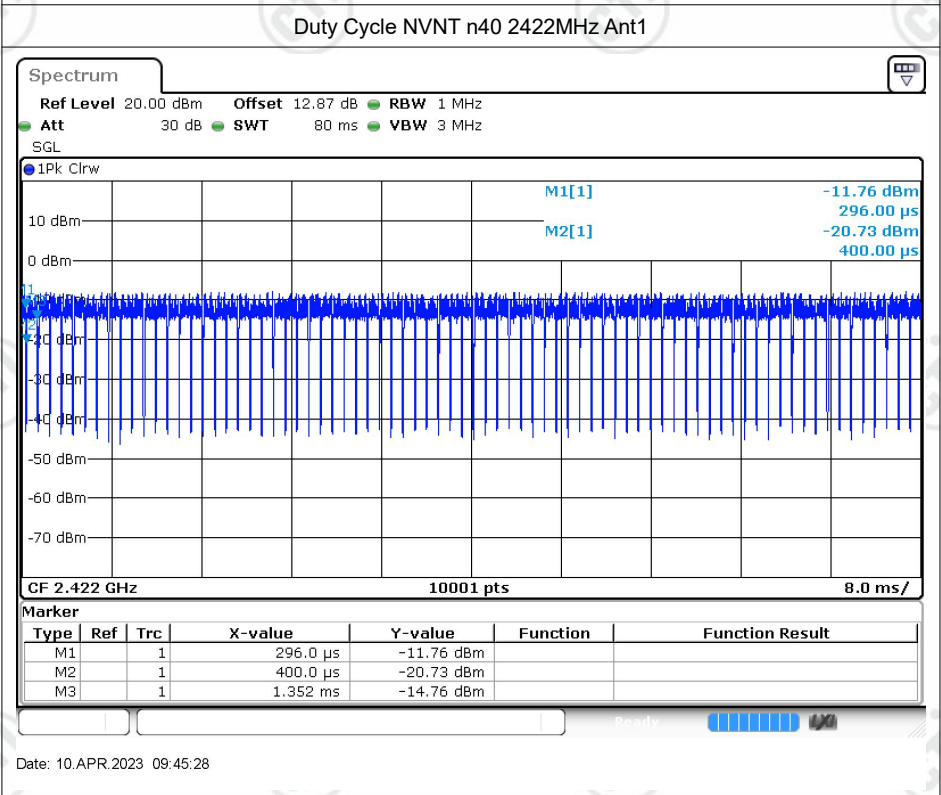
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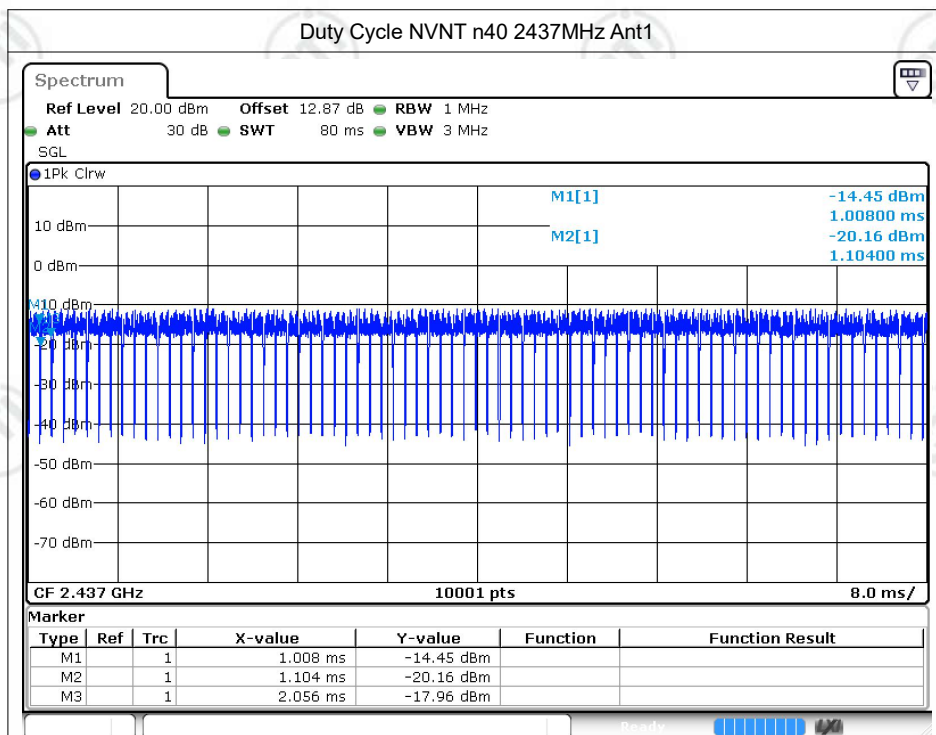
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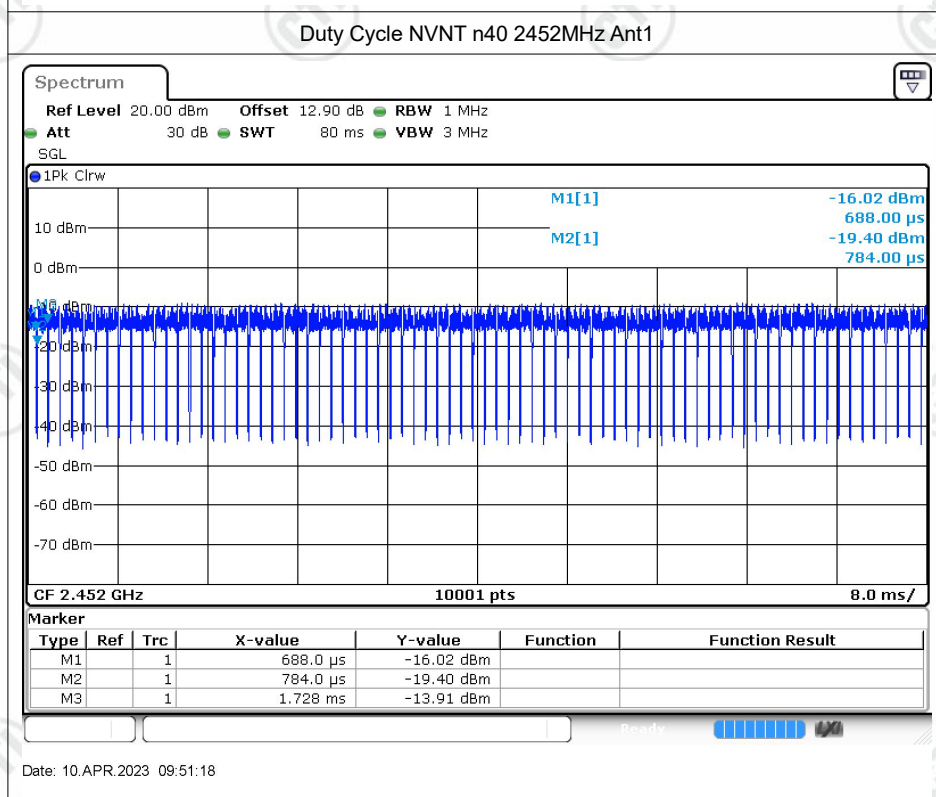
Date: 10.APR.2023 09:43:10



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Date: 10.APR.2023 09:51:18

Maximum Peak Conducted Output Power

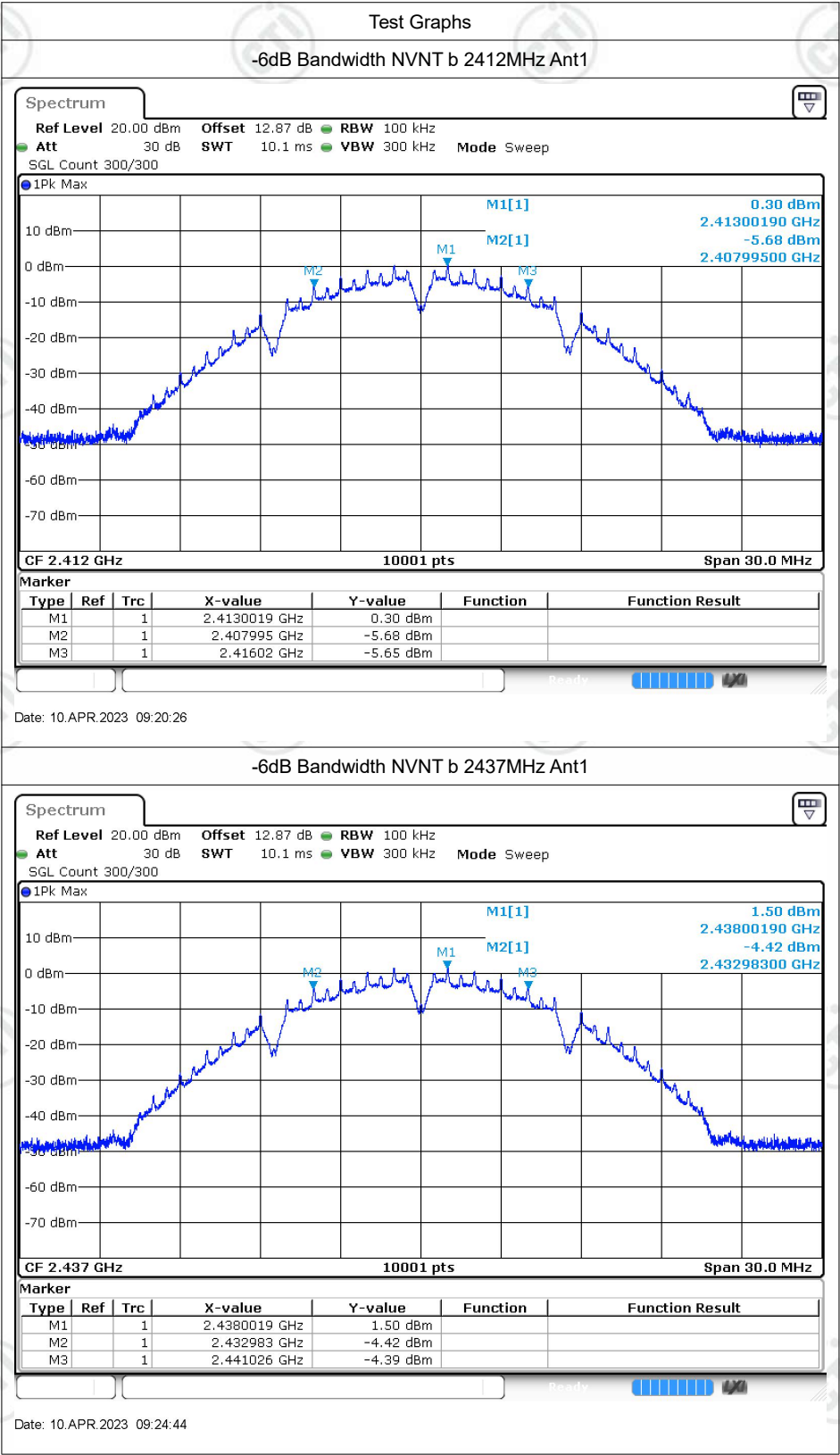
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	11.23	30	Pass
NVNT	b	2437	Ant1	11.48	30	Pass
NVNT	b	2462	Ant1	11.19	30	Pass
NVNT	g	2412	Ant1	10.56	30	Pass
NVNT	g	2437	Ant1	11.01	30	Pass
NVNT	g	2462	Ant1	10.6	30	Pass
NVNT	n20	2412	Ant1	8.66	30	Pass
NVNT	n20	2437	Ant1	8.88	30	Pass
NVNT	n20	2462	Ant1	8.53	30	Pass
NVNT	n40	2422	Ant1	7.67	30	Pass
NVNT	n40	2437	Ant1	7.2	30	Pass
NVNT	n40	2452	Ant1	8.18	30	Pass

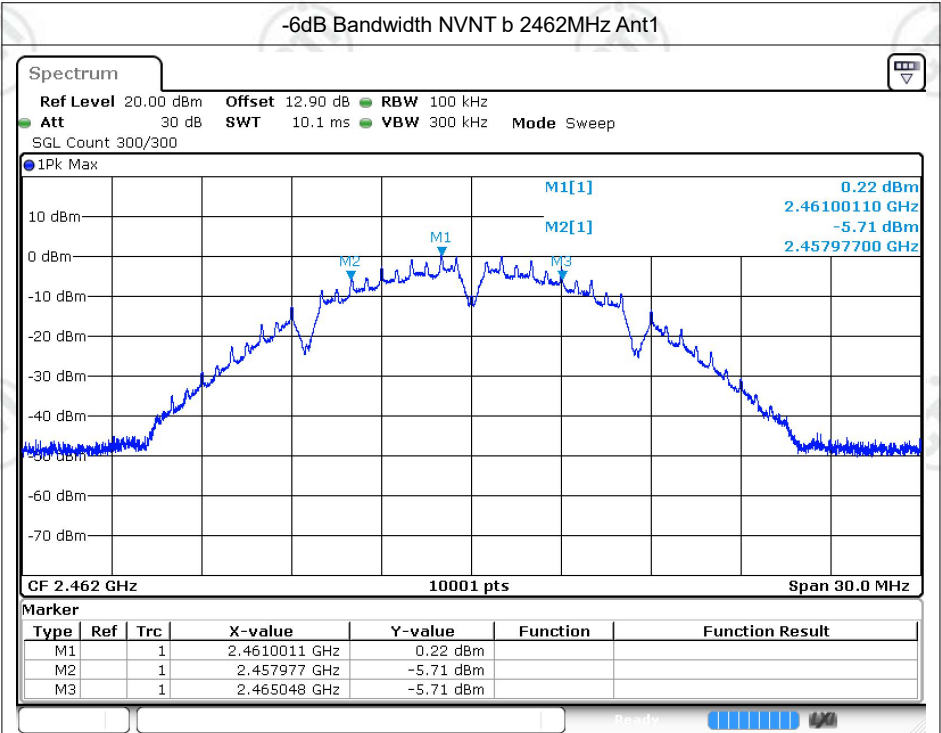
Note:

The conducted power has been added dutycycle correction factor;

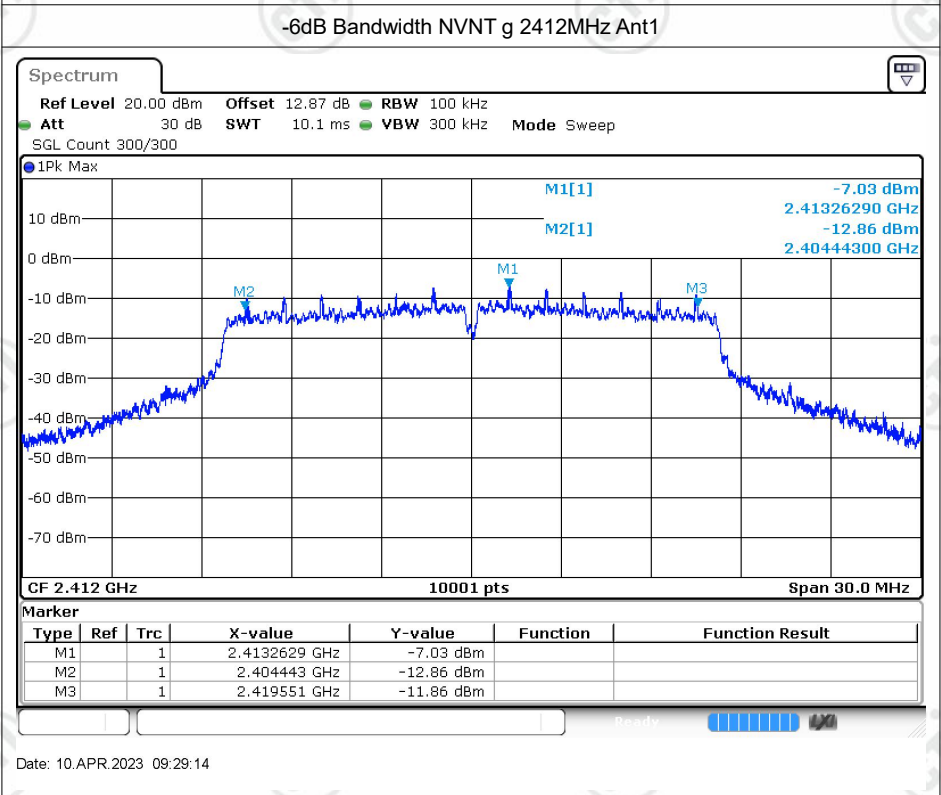
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.025	0.5	Pass
NVNT	b	2437	Ant1	8.043	0.5	Pass
NVNT	b	2462	Ant1	7.071	0.5	Pass
NVNT	g	2412	Ant1	15.108	0.5	Pass
NVNT	g	2437	Ant1	15.432	0.5	Pass
NVNT	g	2462	Ant1	15.312	0.5	Pass
NVNT	n20	2412	Ant1	15.678	0.5	Pass
NVNT	n20	2437	Ant1	16.248	0.5	Pass
NVNT	n20	2462	Ant1	15.435	0.5	Pass
NVNT	n40	2422	Ant1	35.652	0.5	Pass
NVNT	n40	2437	Ant1	35.724	0.5	Pass
NVNT	n40	2452	Ant1	35.016	0.5	Pass

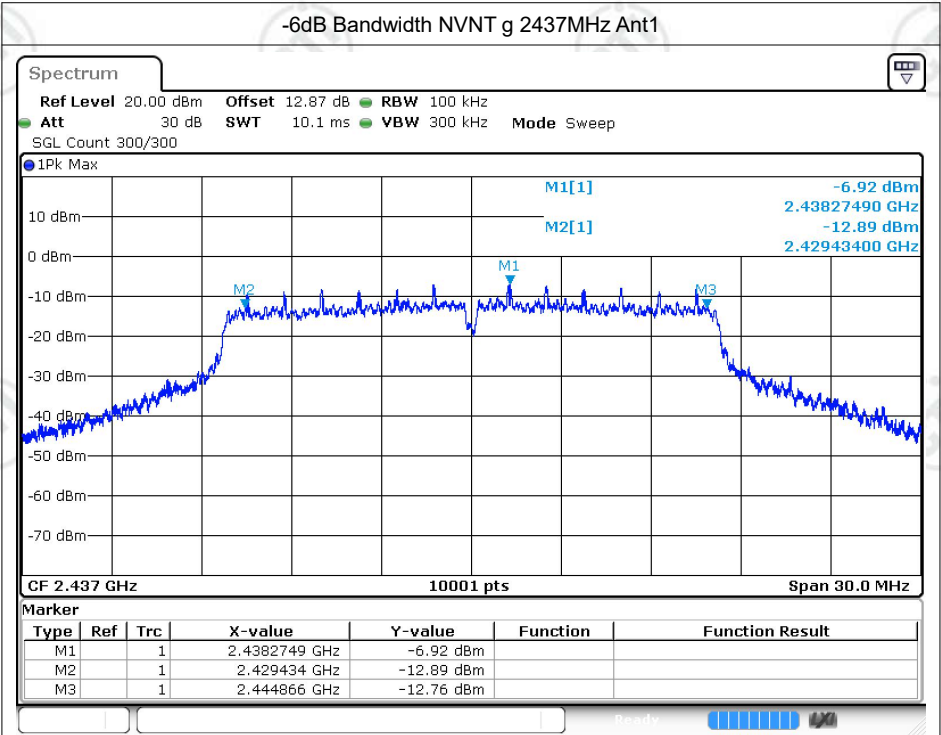




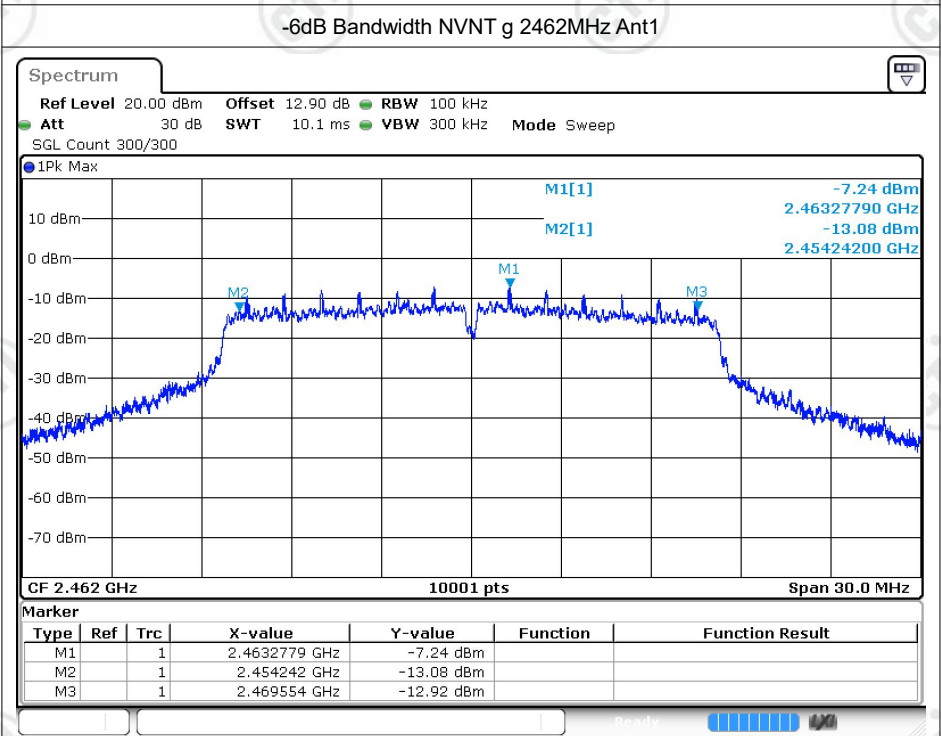
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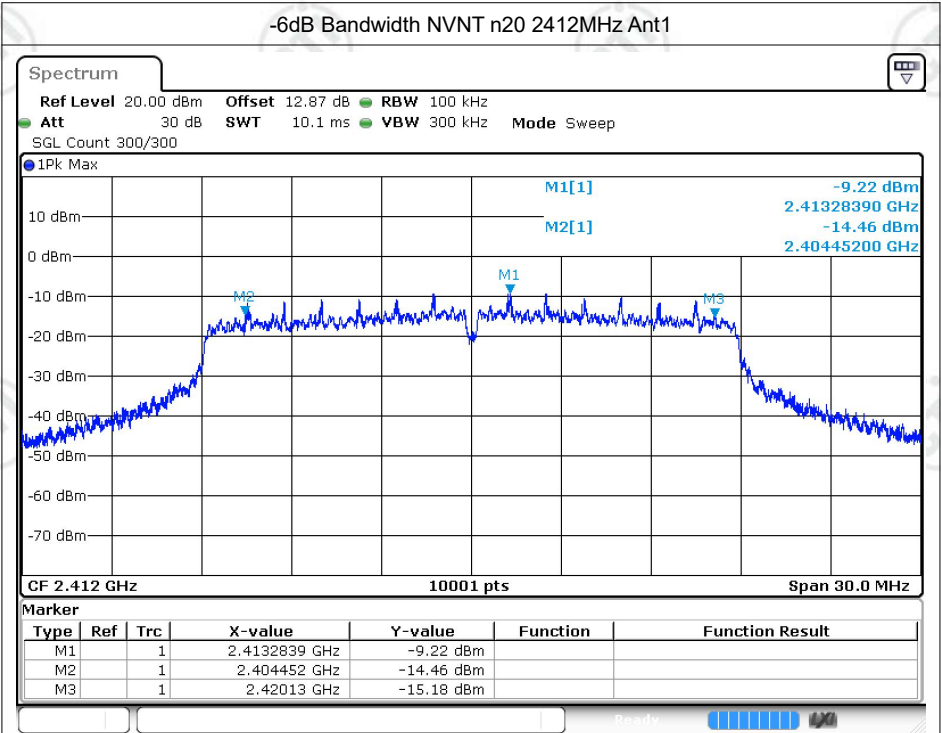
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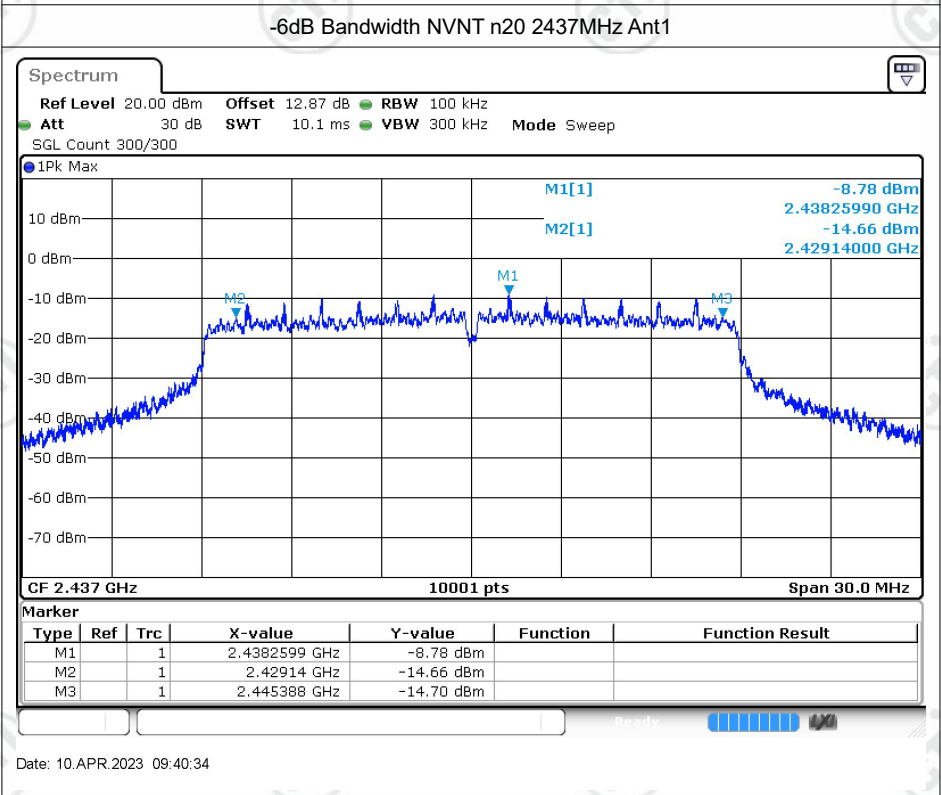
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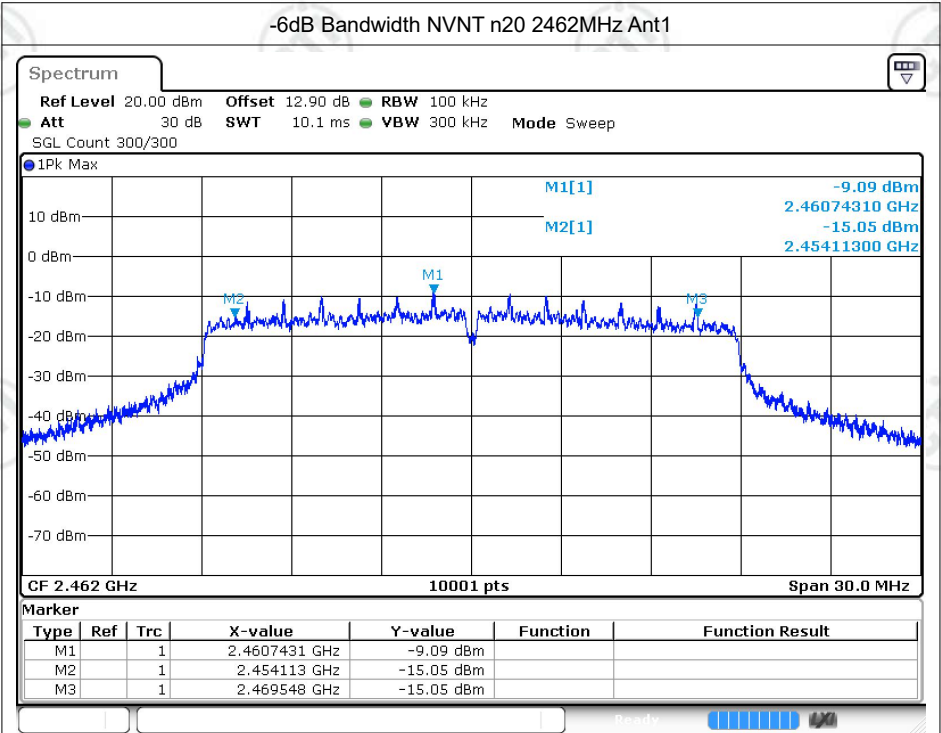
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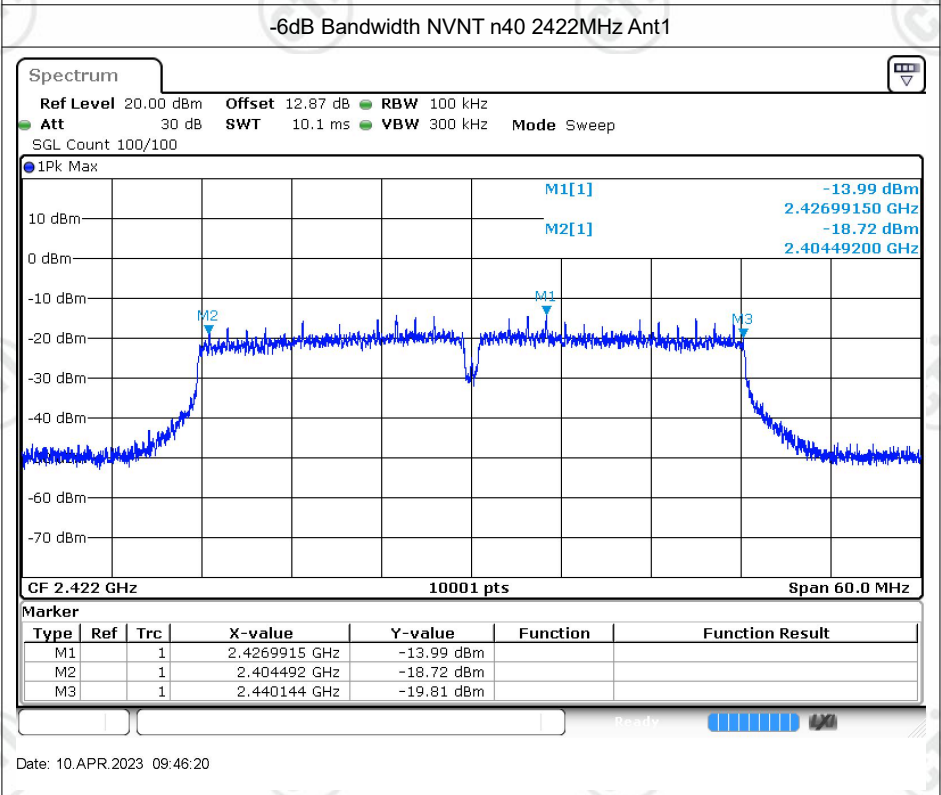
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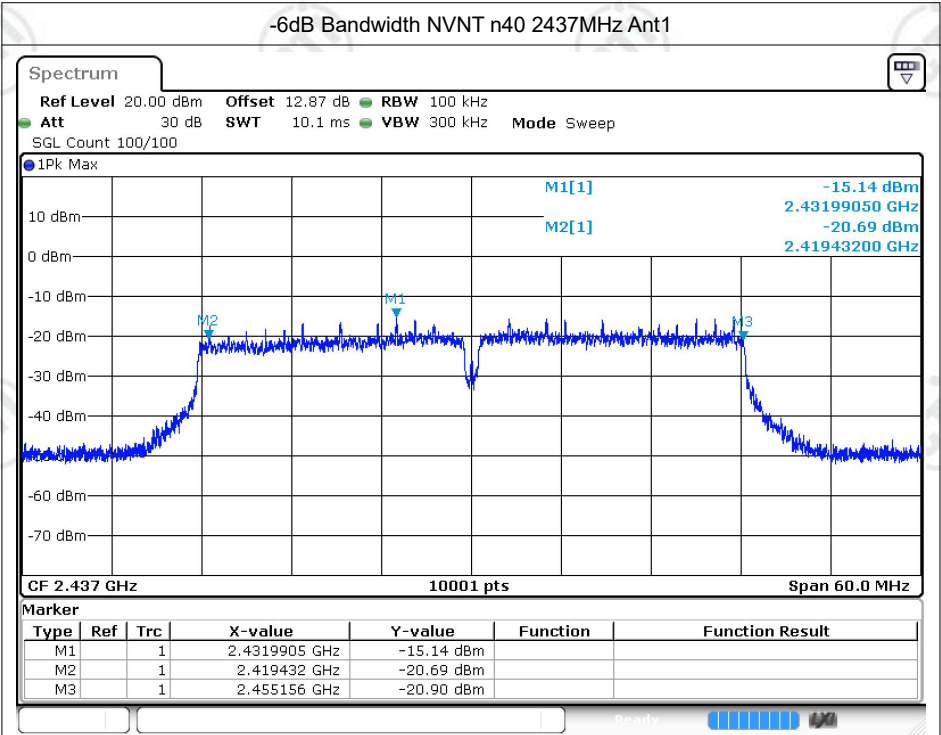
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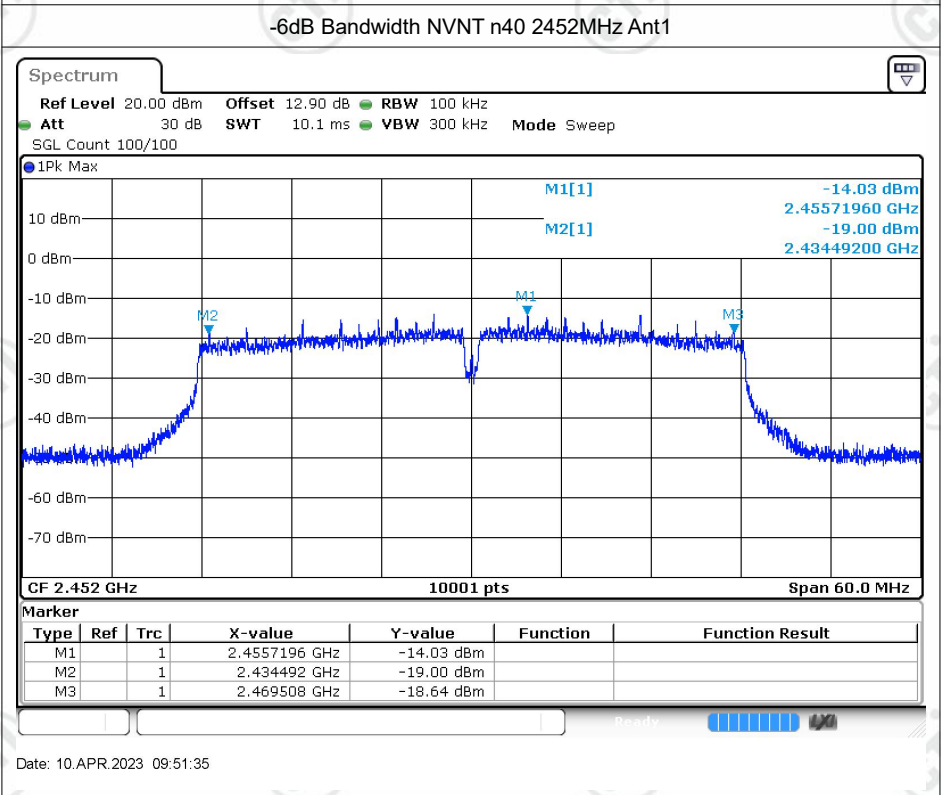
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Date: 10.APR.2023 09:46:20



Date: 10.APR.2023 09:49:30



Date: 10.APR.2023 09:51:35

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.644
NVNT	b	2437	Ant1	12.845
NVNT	b	2462	Ant1	12.653
NVNT	g	2412	Ant1	16.474
NVNT	g	2437	Ant1	16.57
NVNT	g	2462	Ant1	16.483
NVNT	n20	2412	Ant1	17.689
NVNT	n20	2437	Ant1	17.791
NVNT	n20	2462	Ant1	17.71
NVNT	n40	2422	Ant1	36.254
NVNT	n40	2437	Ant1	36.356
NVNT	n40	2452	Ant1	36.128

