

Appendix: 2.4G WIFI

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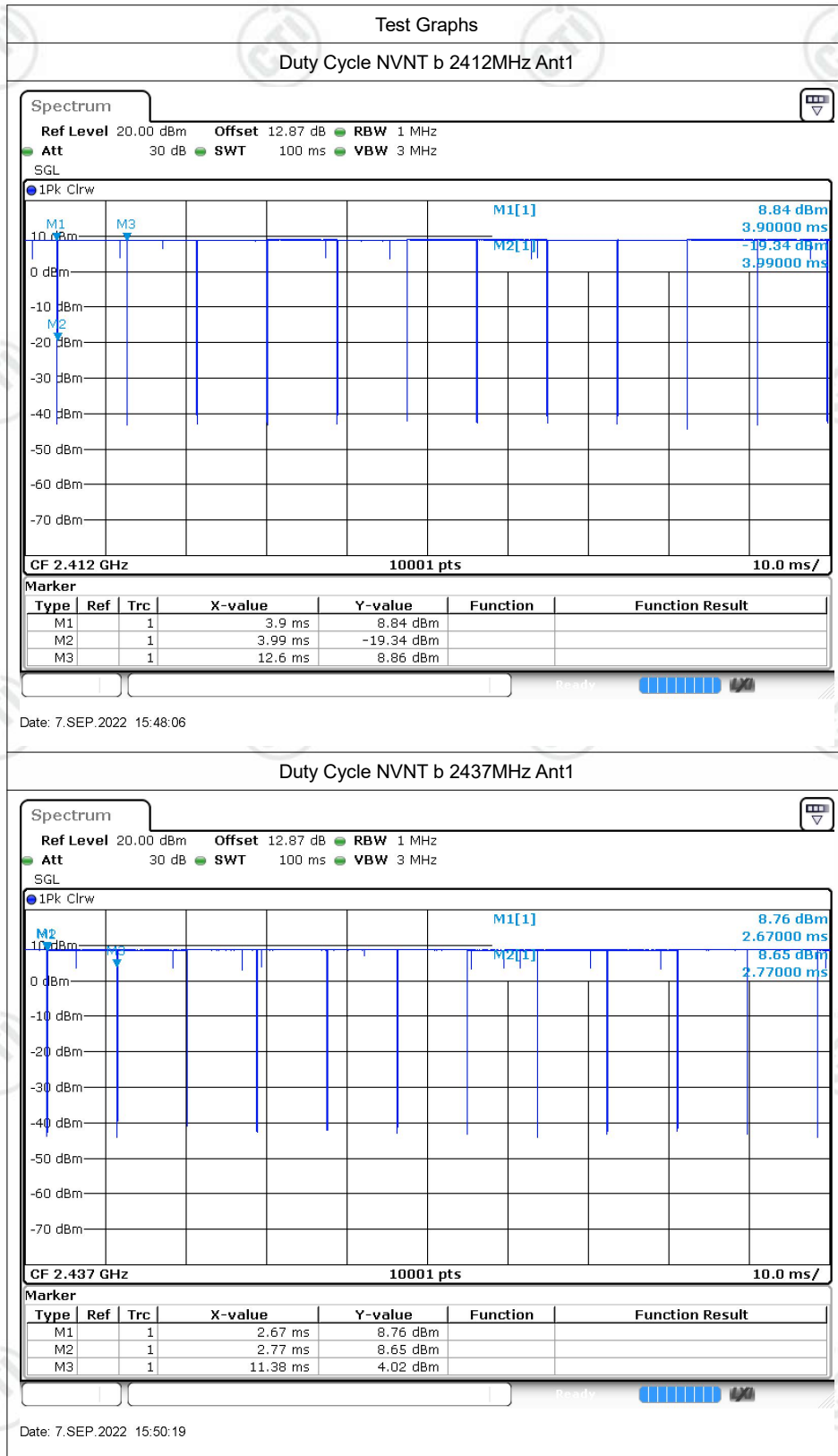
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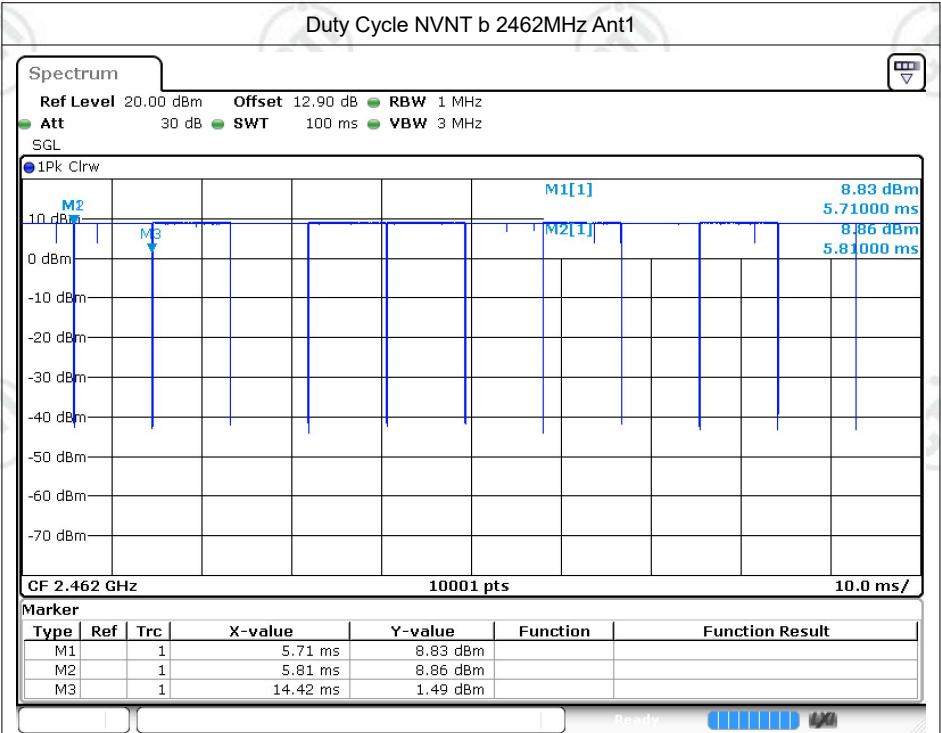
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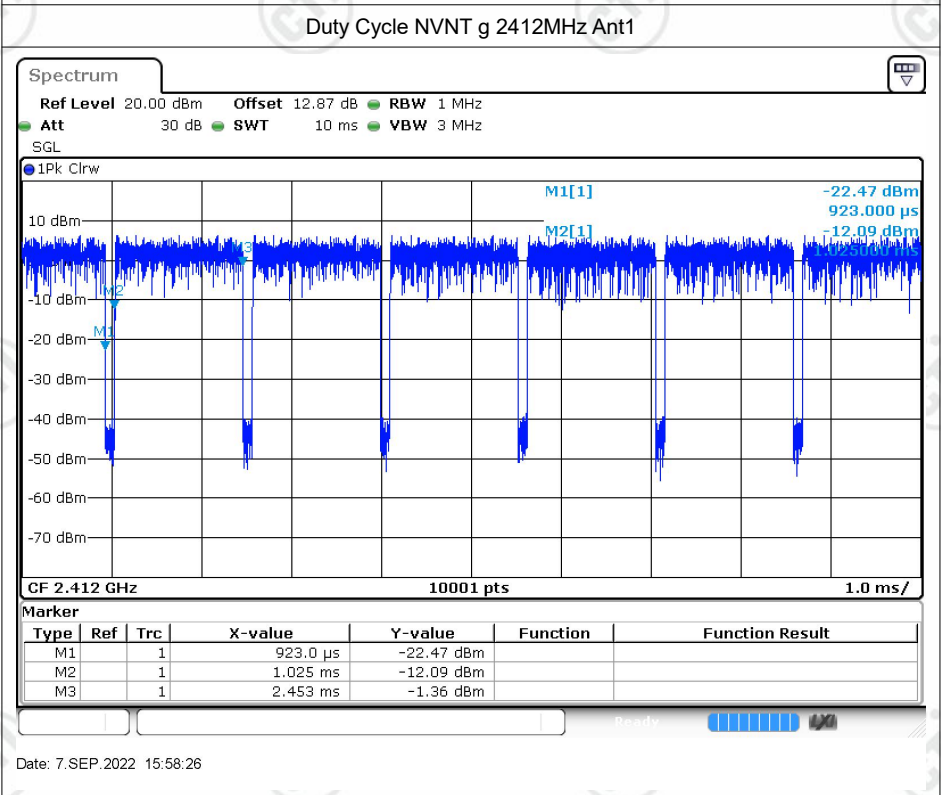
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	98.97	0	0.12
NVNT	b	2437	Ant1	98.85	0	0.12
NVNT	b	2462	Ant1	98.85	0	0.12
NVNT	g	2412	Ant1	93.33	0.3	0.7
NVNT	g	2437	Ant1	93.34	0.3	0.7
NVNT	g	2462	Ant1	93.34	0.3	0.7
NVNT	n20	2412	Ant1	93.06	0.31	0.75
NVNT	n20	2437	Ant1	93.03	0.31	0.75
NVNT	n20	2462	Ant1	93.03	0.31	0.75
NVNT	n40	2422	Ant1	86.46	0.63	1.51
NVNT	n40	2437	Ant1	85.42	0.68	1.52
NVNT	n40	2452	Ant1	87.37	0.59	1.51

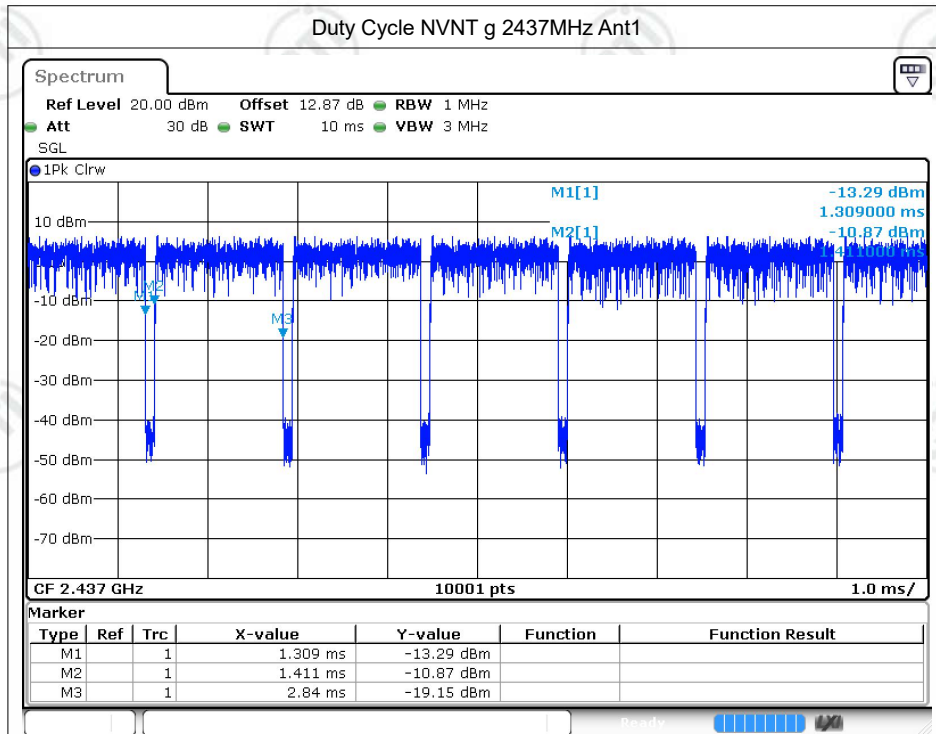




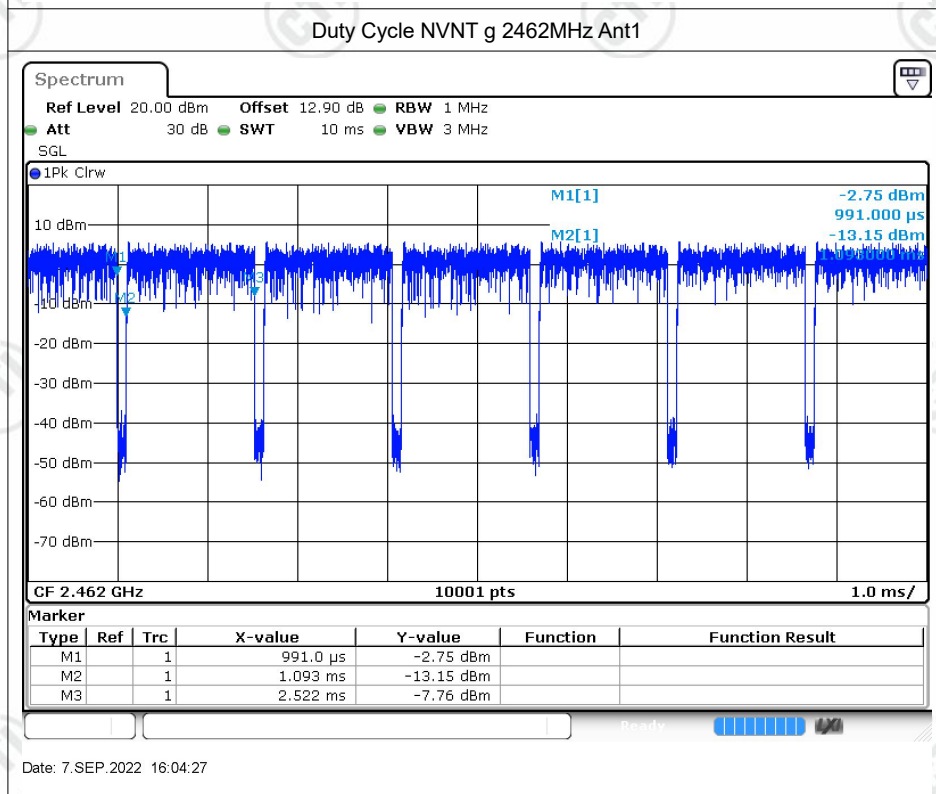
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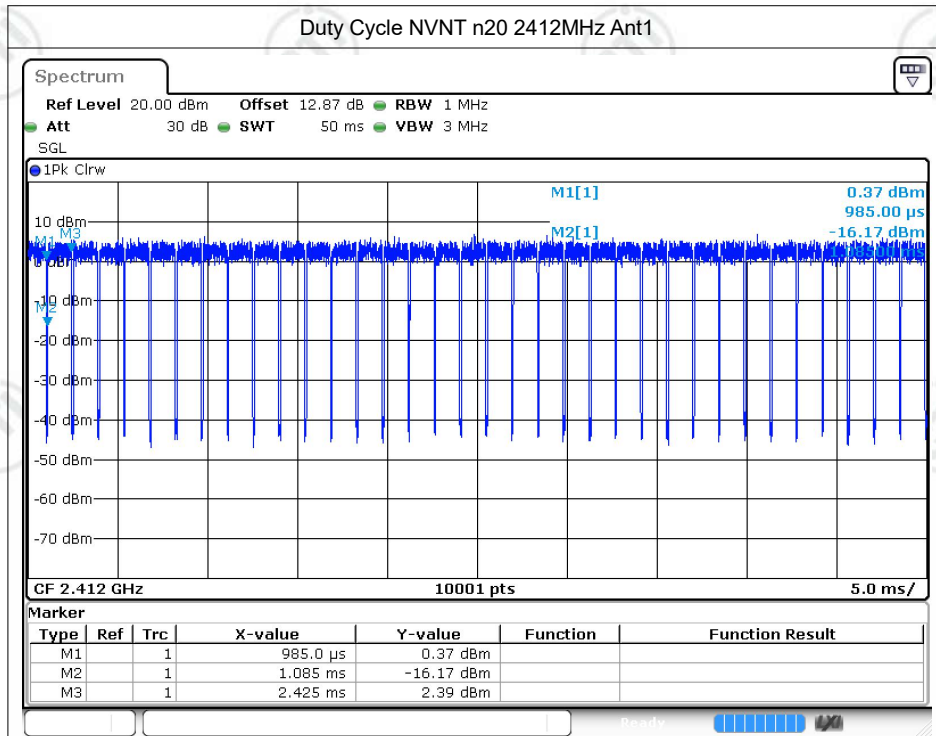
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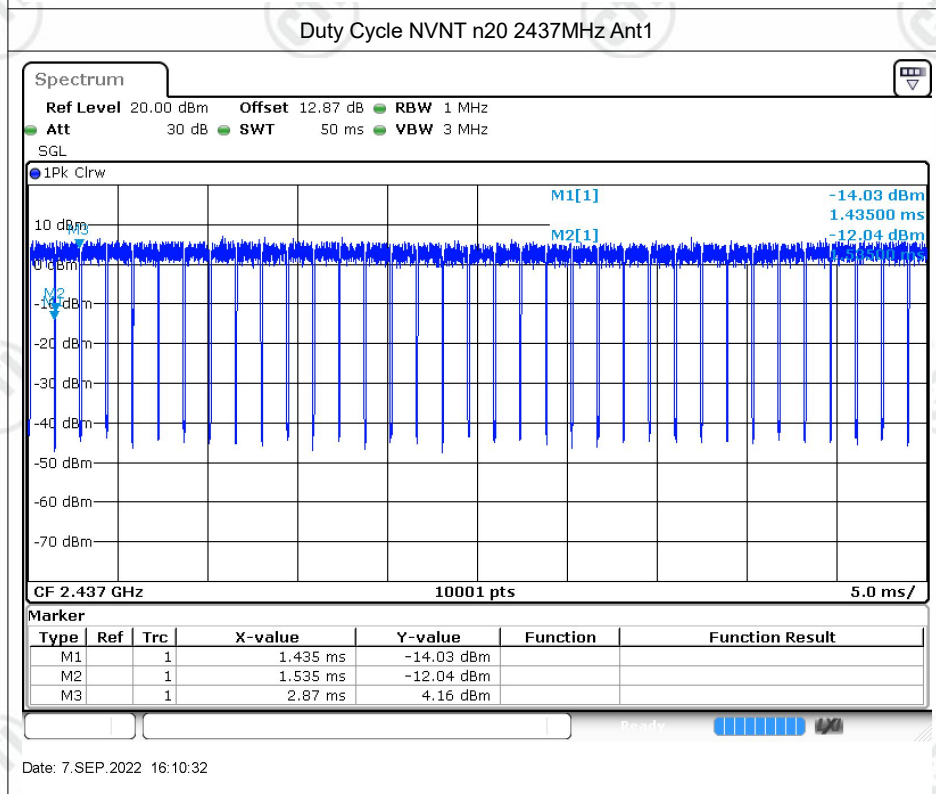
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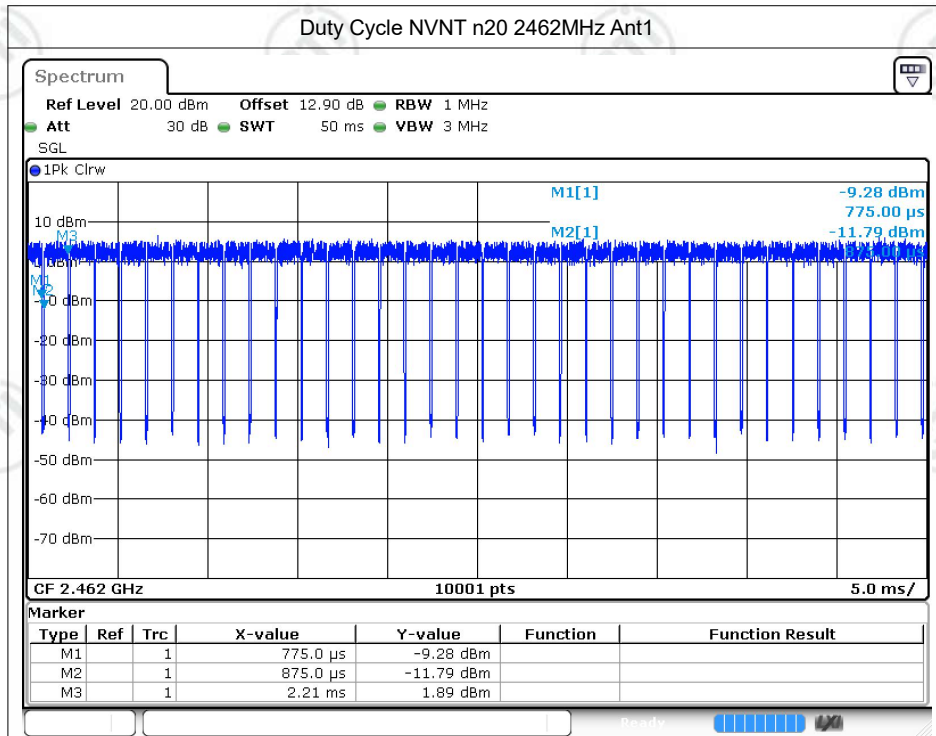
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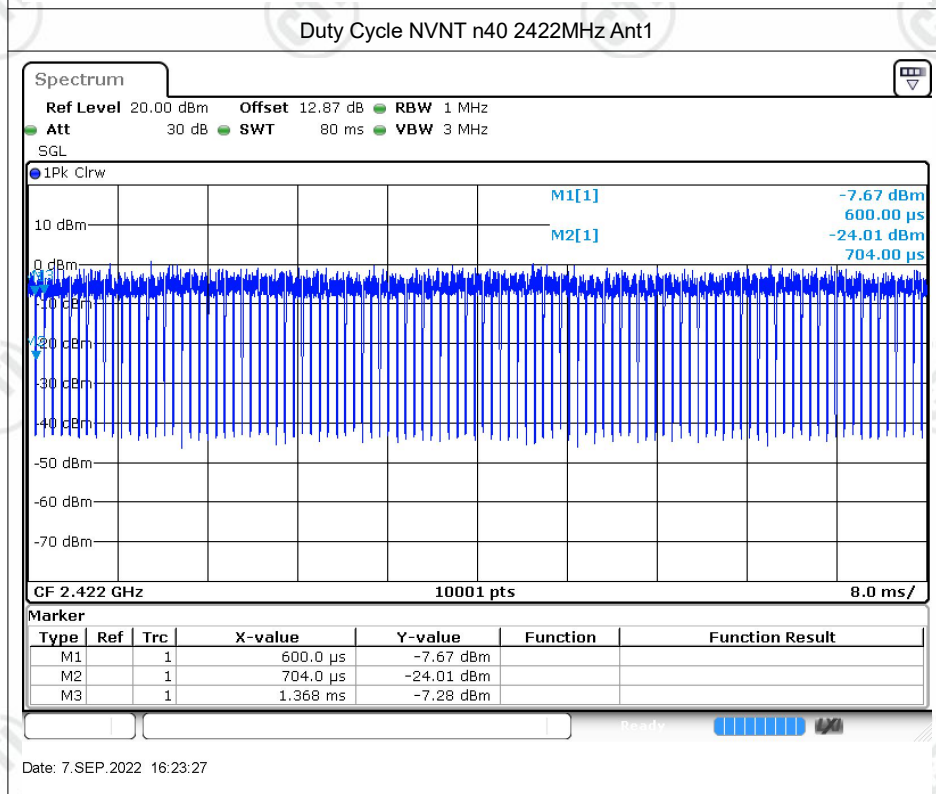
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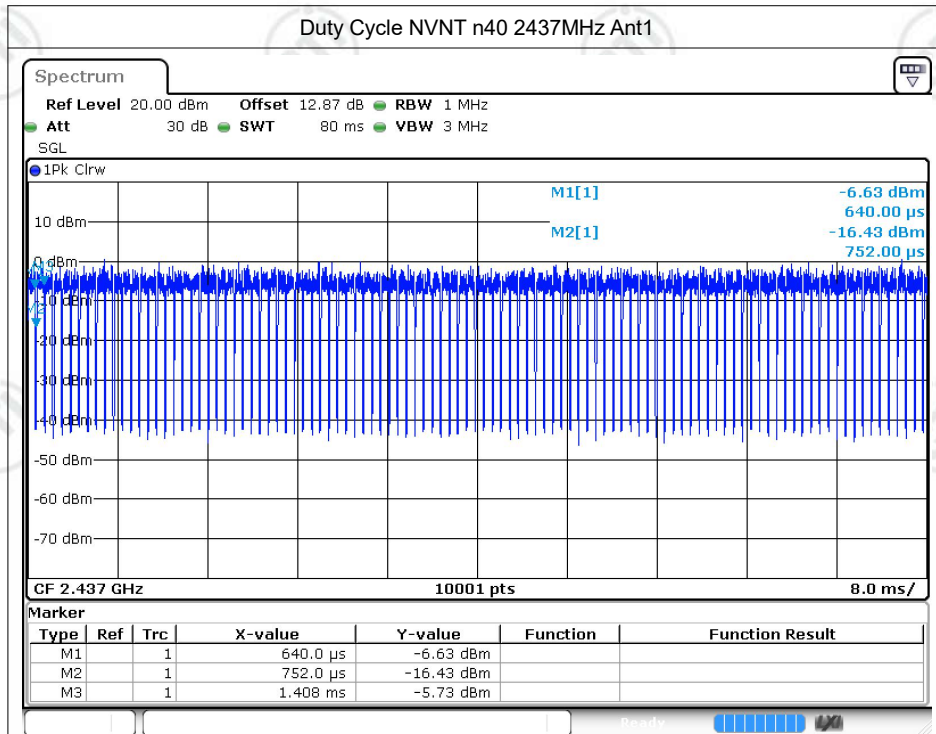
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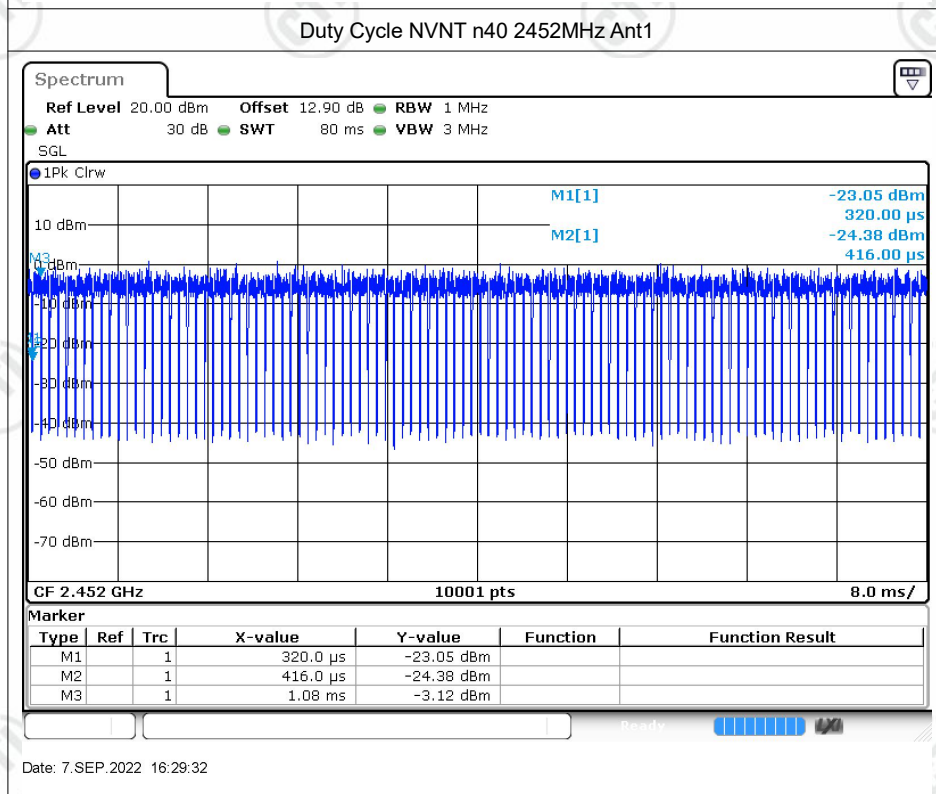
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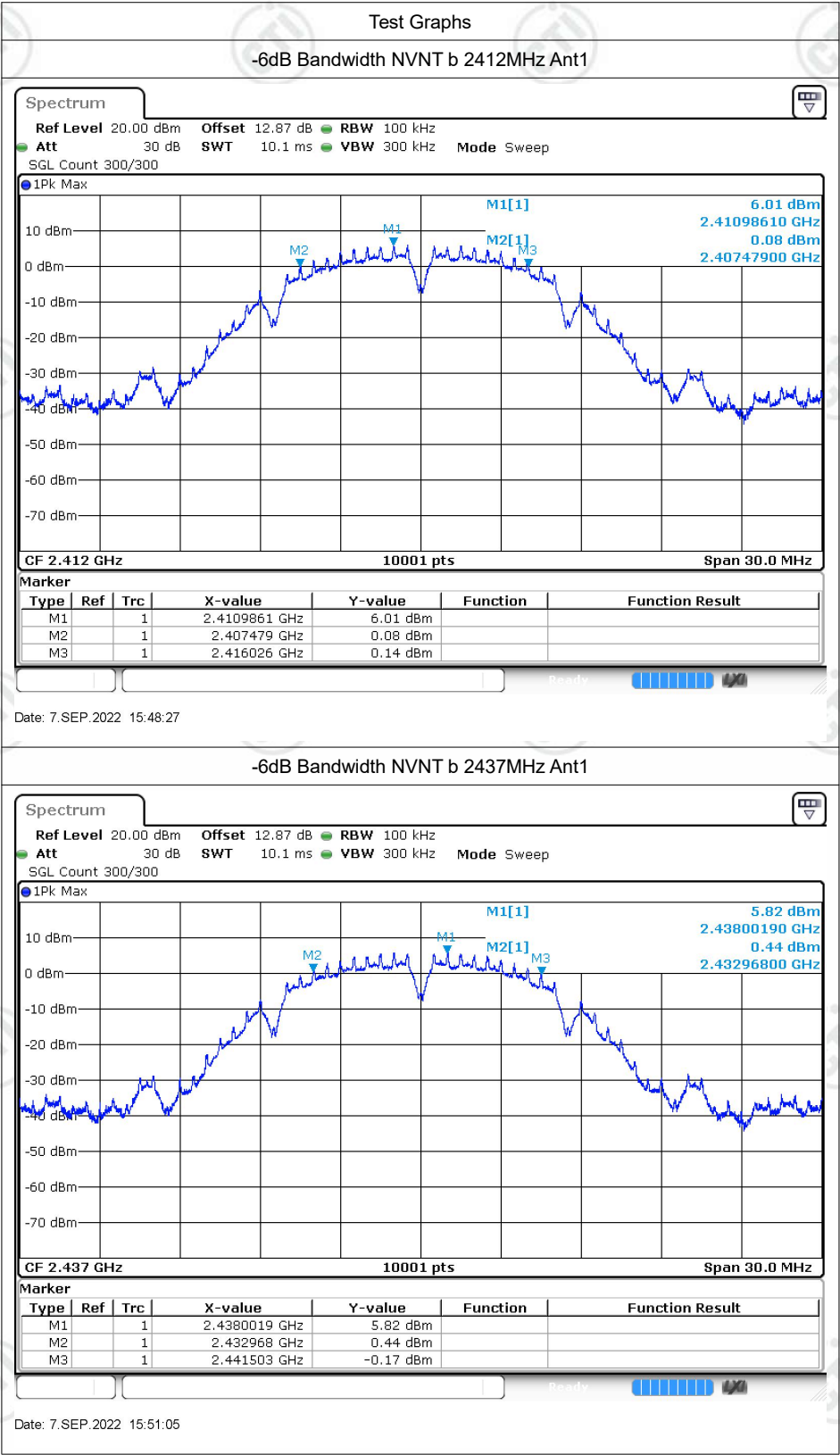
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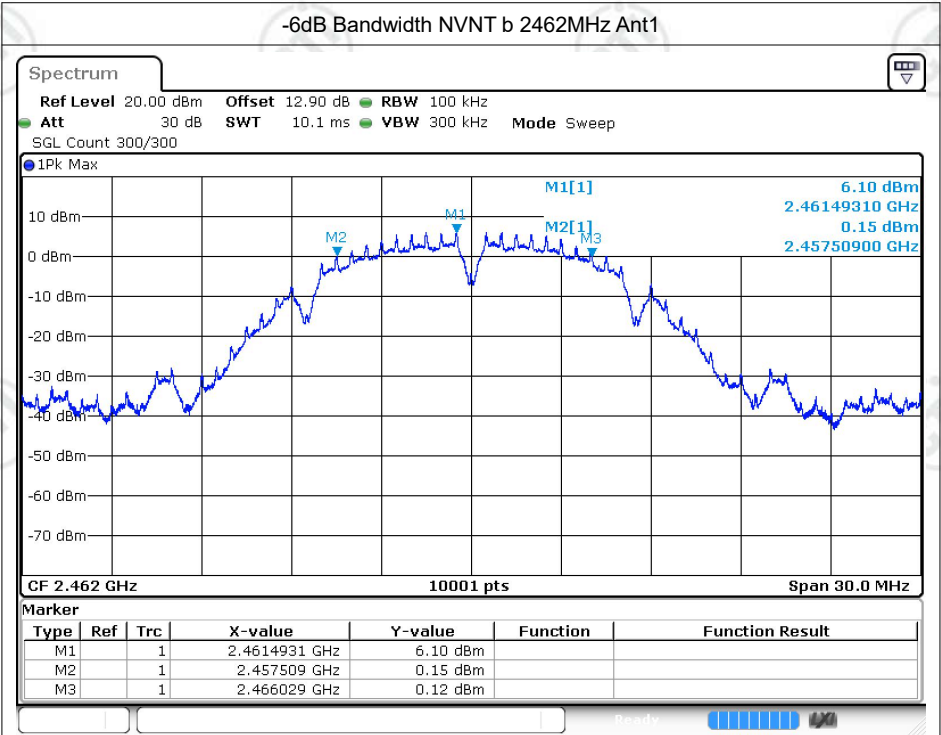
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	17.58	0	17.58	30	Pass
NVNT	b	2437	Ant1	17.5	0	17.5	30	Pass
NVNT	b	2462	Ant1	17.75	0	17.75	30	Pass
NVNT	g	2412	Ant1	16.97	0	16.97	30	Pass
NVNT	g	2437	Ant1	16.92	0	16.92	30	Pass
NVNT	g	2462	Ant1	16.83	0	16.83	30	Pass
NVNT	n20	2412	Ant1	16.52	0	16.52	30	Pass
NVNT	n20	2437	Ant1	16.53	0	16.53	30	Pass
NVNT	n20	2462	Ant1	16.41	0	16.41	30	Pass
NVNT	n40	2422	Ant1	14.98	0	14.98	30	Pass
NVNT	n40	2437	Ant1	15.02	0	15.02	30	Pass
NVNT	n40	2452	Ant1	14.72	0	14.72	30	Pass

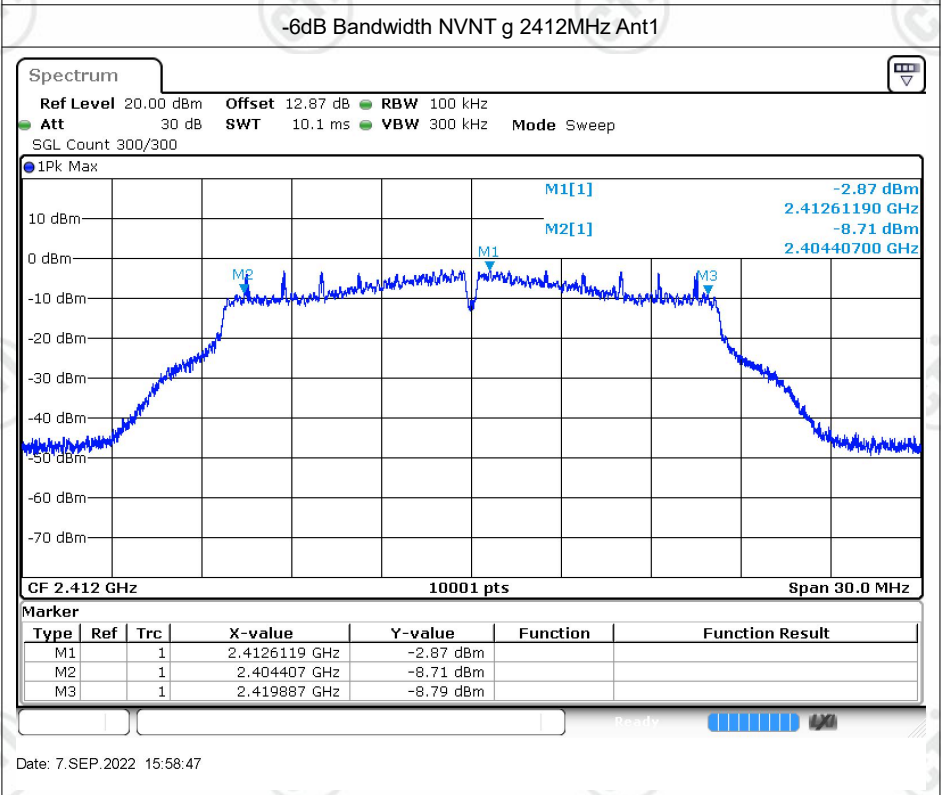
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.547	0.5	Pass
NVNT	b	2437	Ant1	8.535	0.5	Pass
NVNT	b	2462	Ant1	8.52	0.5	Pass
NVNT	g	2412	Ant1	15.48	0.5	Pass
NVNT	g	2437	Ant1	15.489	0.5	Pass
NVNT	g	2462	Ant1	16.038	0.5	Pass
NVNT	n20	2412	Ant1	16.512	0.5	Pass
NVNT	n20	2437	Ant1	15.177	0.5	Pass
NVNT	n20	2462	Ant1	16.377	0.5	Pass
NVNT	n40	2422	Ant1	35.244	0.5	Pass
NVNT	n40	2437	Ant1	35.43	0.5	Pass
NVNT	n40	2452	Ant1	35.436	0.5	Pass

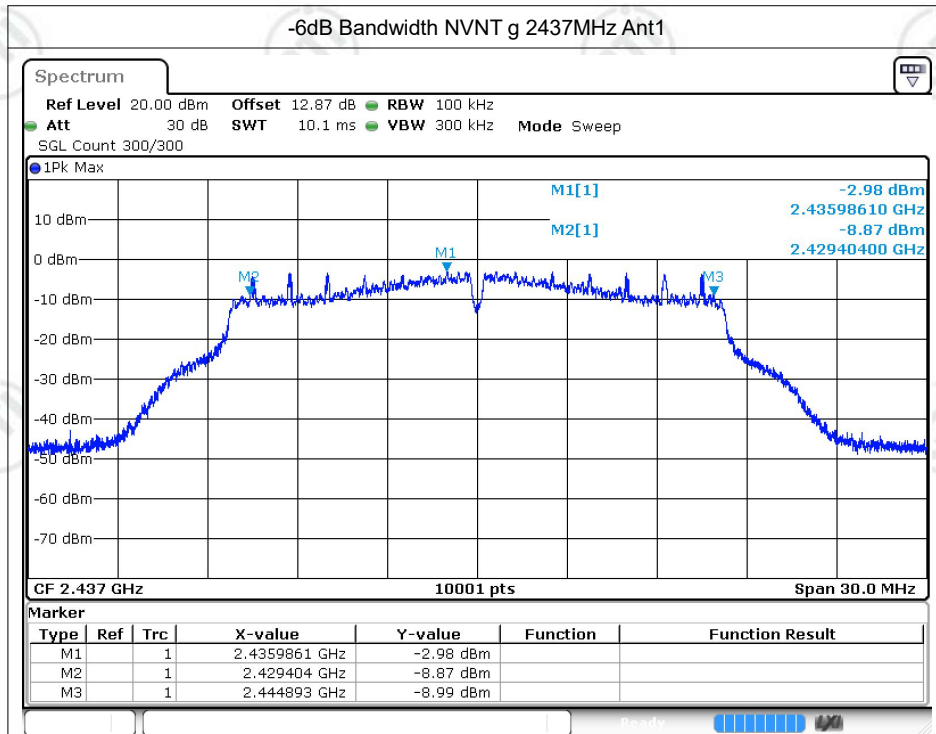




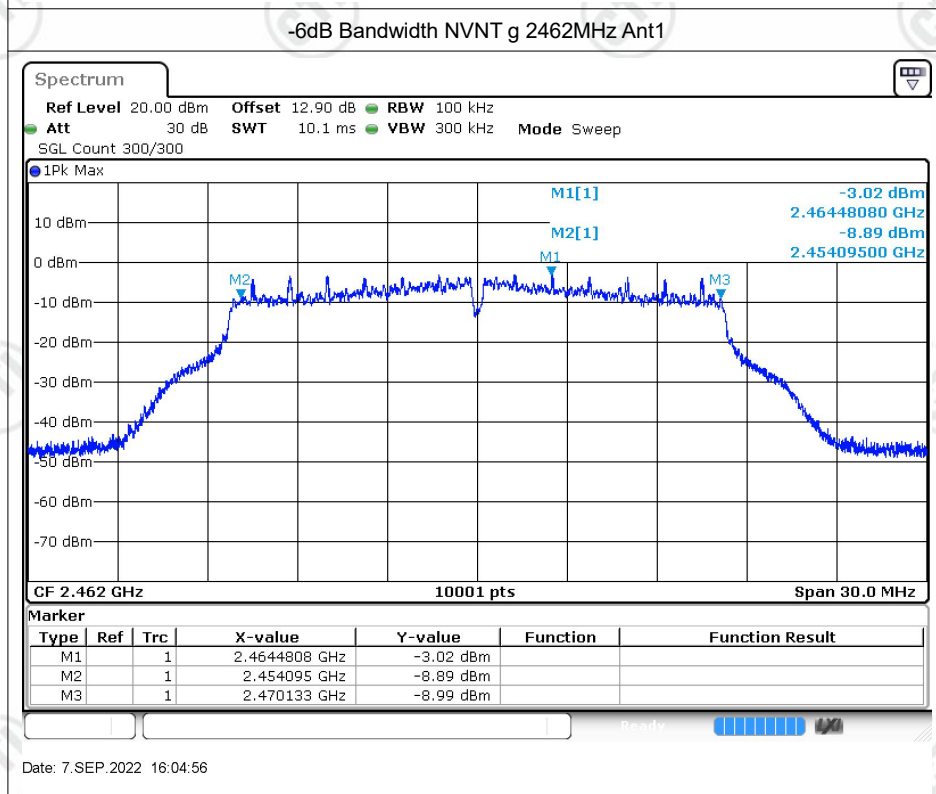
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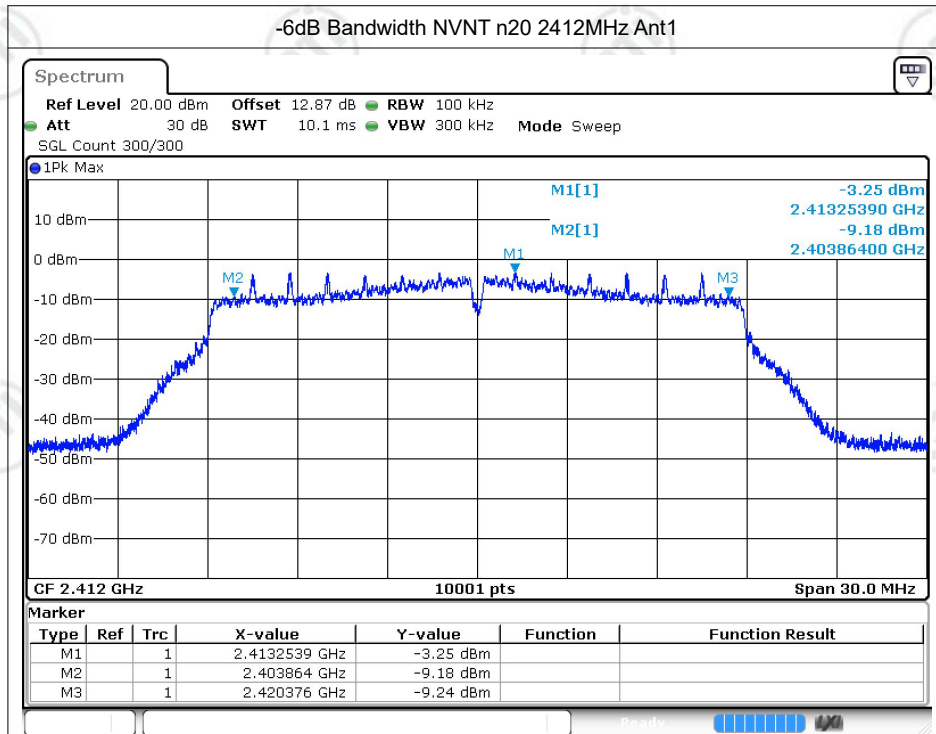
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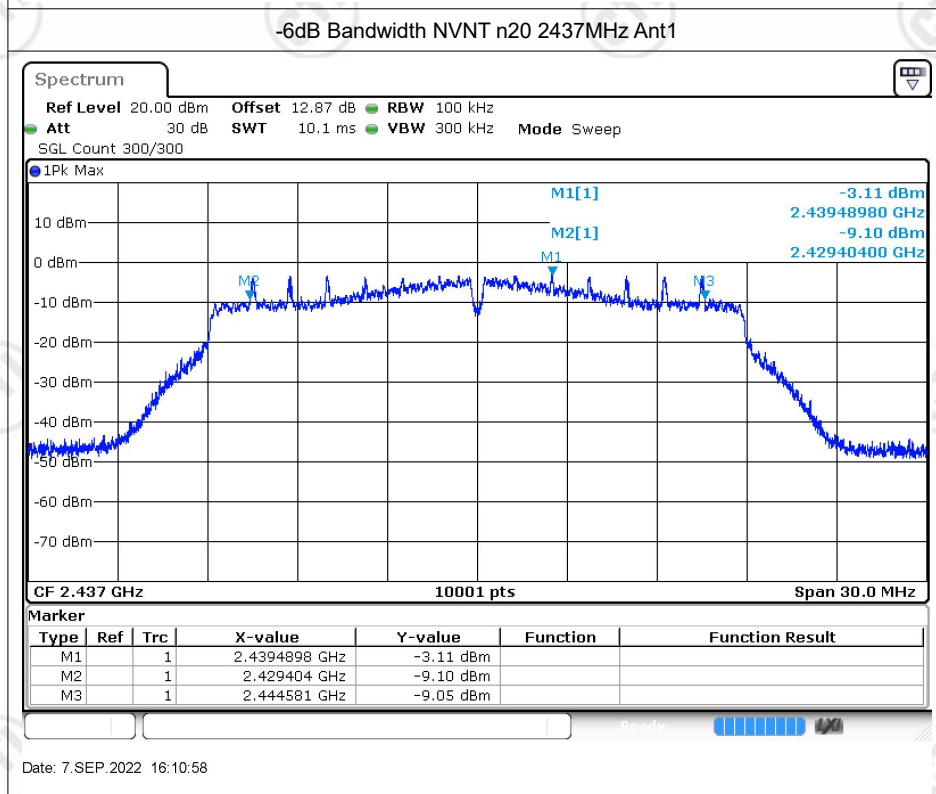
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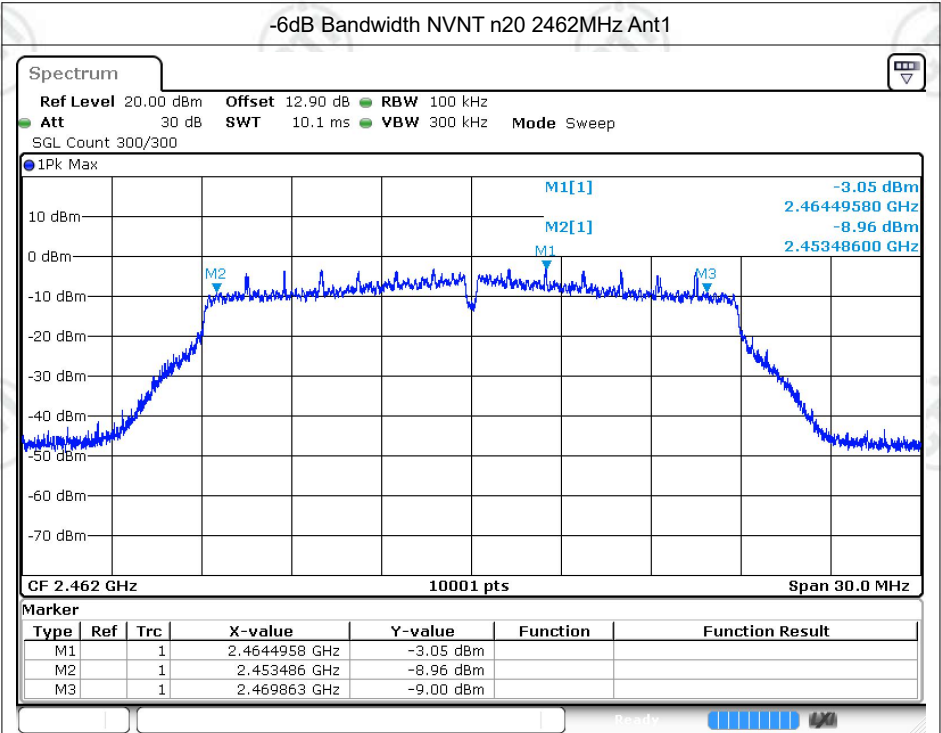
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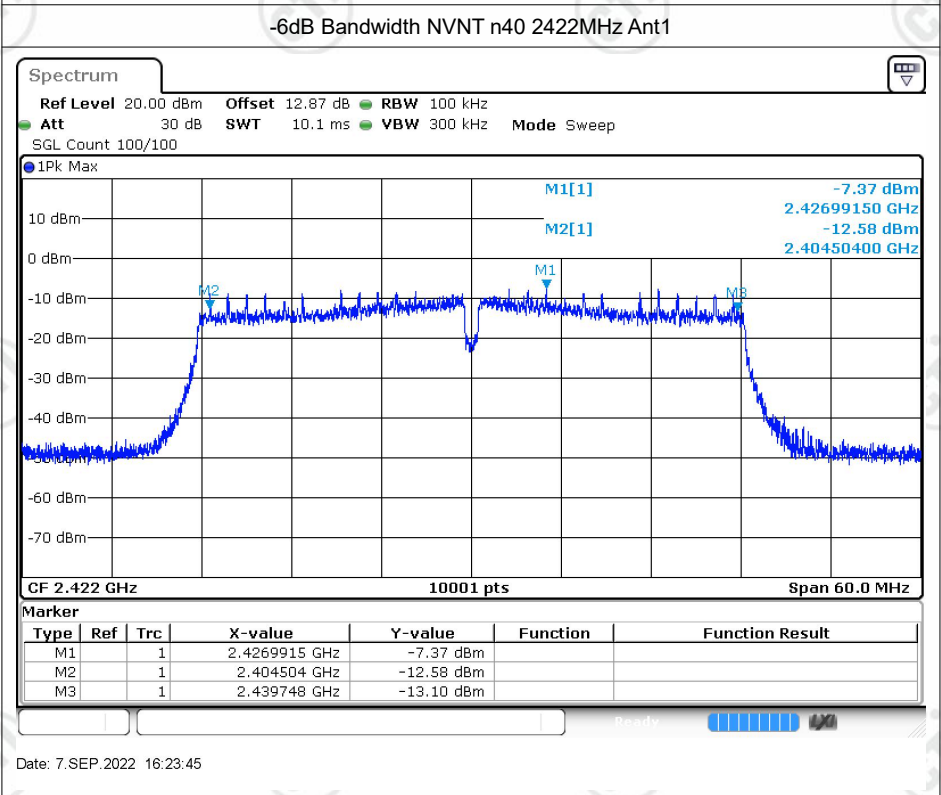
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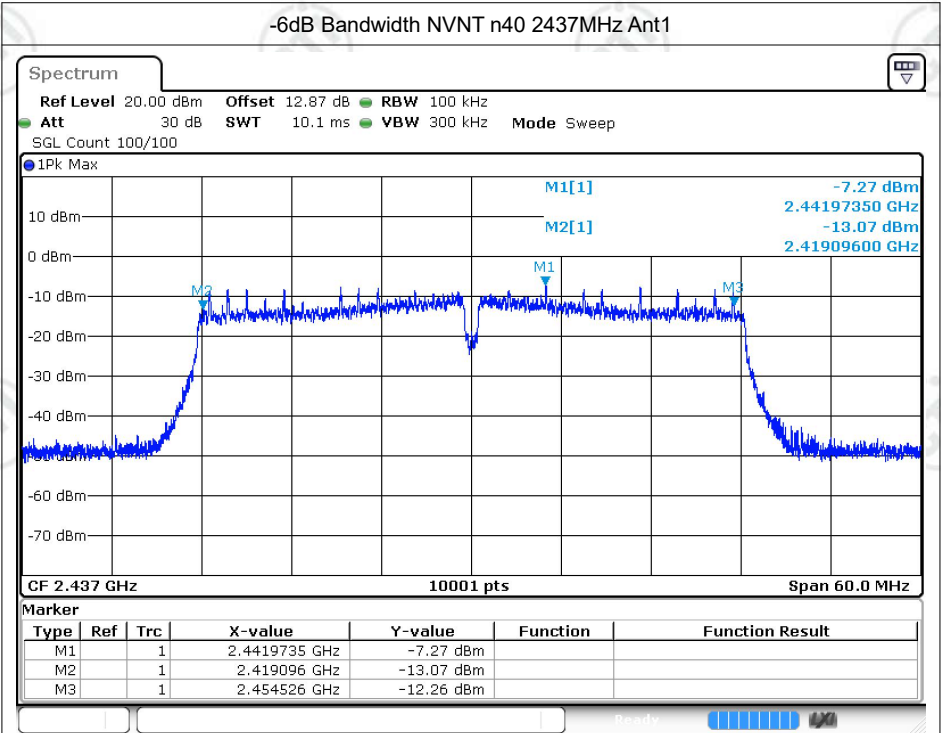
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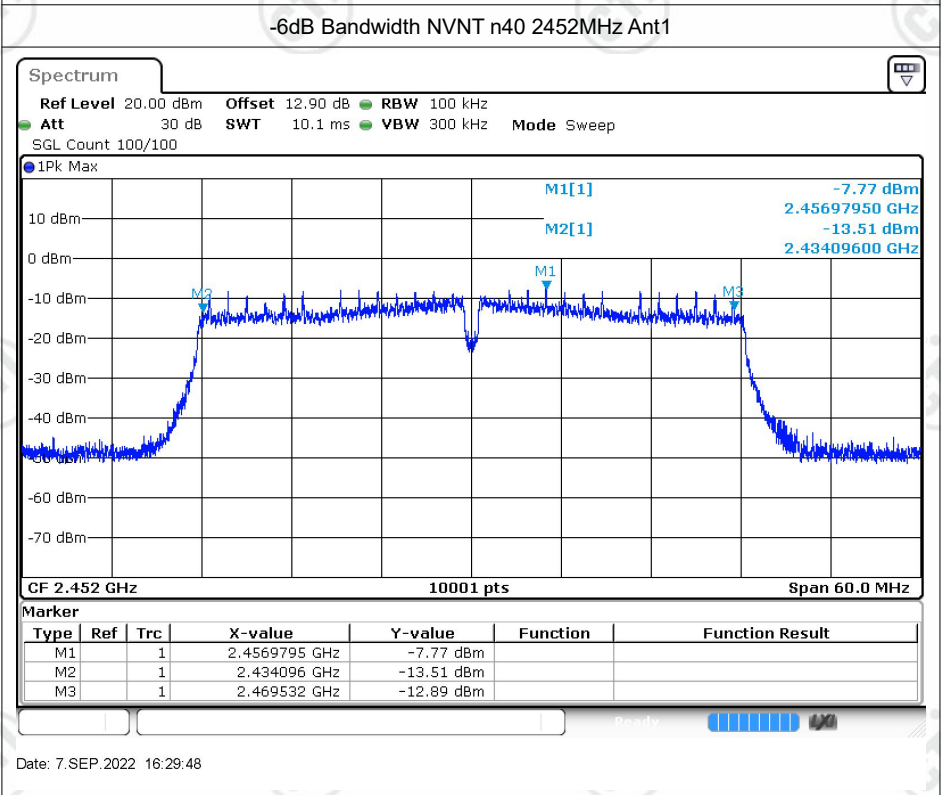
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Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	11.948
NVNT	b	2437	Ant1	11.939
NVNT	b	2462	Ant1	11.981
NVNT	g	2412	Ant1	16.423
NVNT	g	2437	Ant1	16.426
NVNT	g	2462	Ant1	16.513
NVNT	n20	2412	Ant1	17.647
NVNT	n20	2437	Ant1	17.56
NVNT	n20	2462	Ant1	17.644
NVNT	n40	2422	Ant1	36.194
NVNT	n40	2437	Ant1	36.194
NVNT	n40	2452	Ant1	36.188

