

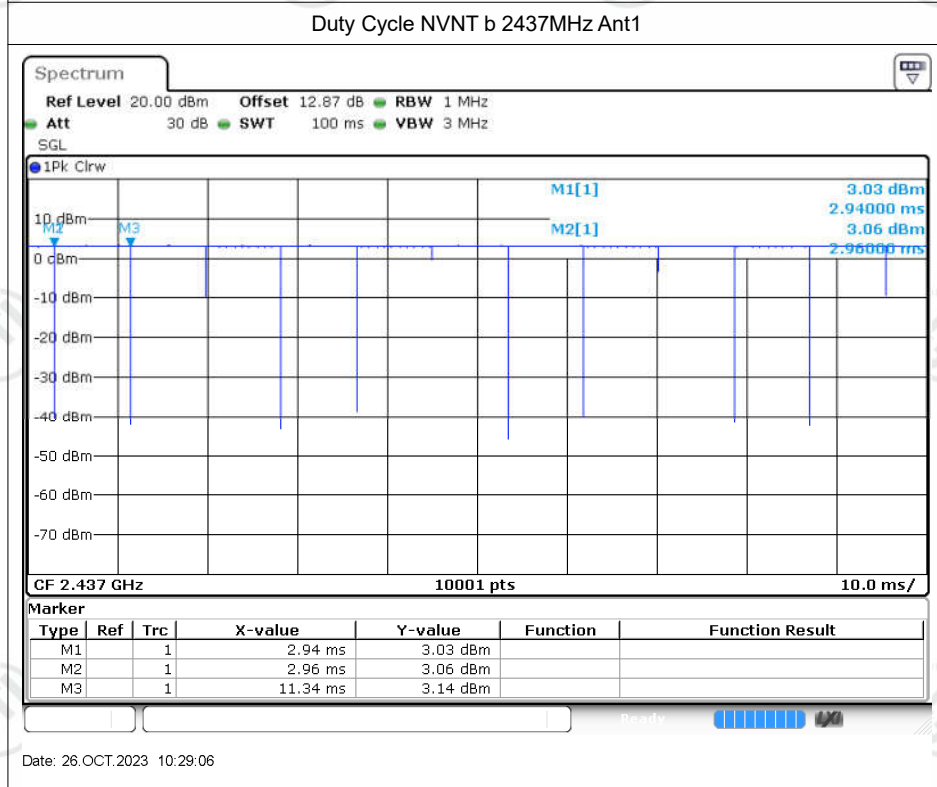
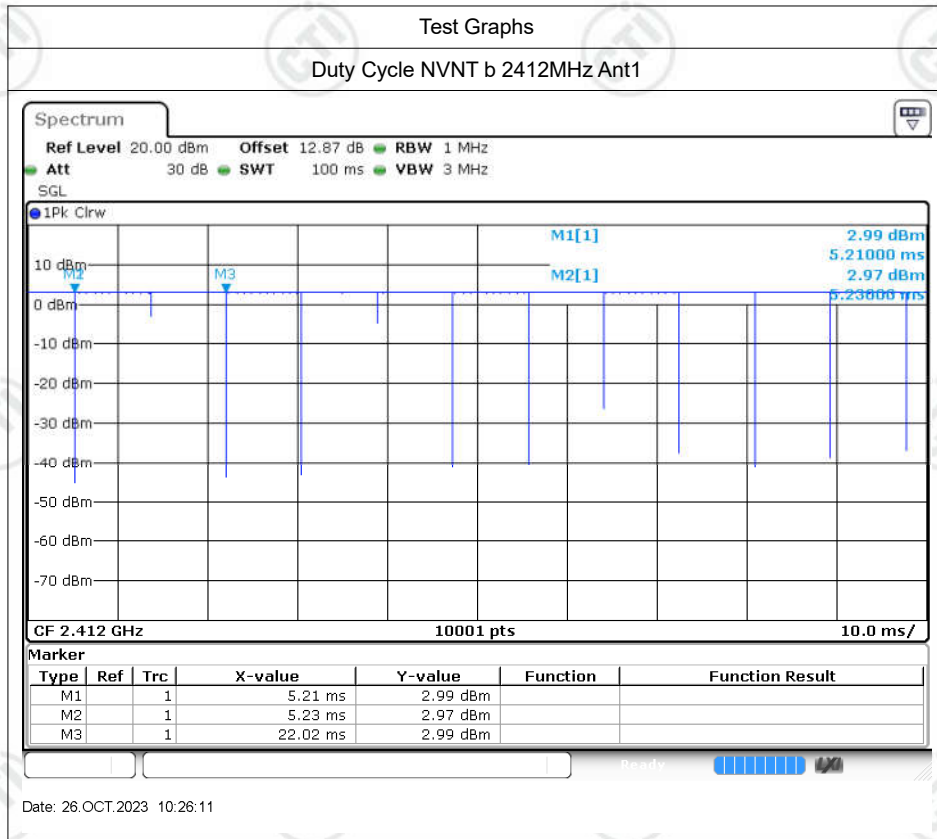
Appendix:2.4G Wi-Fi

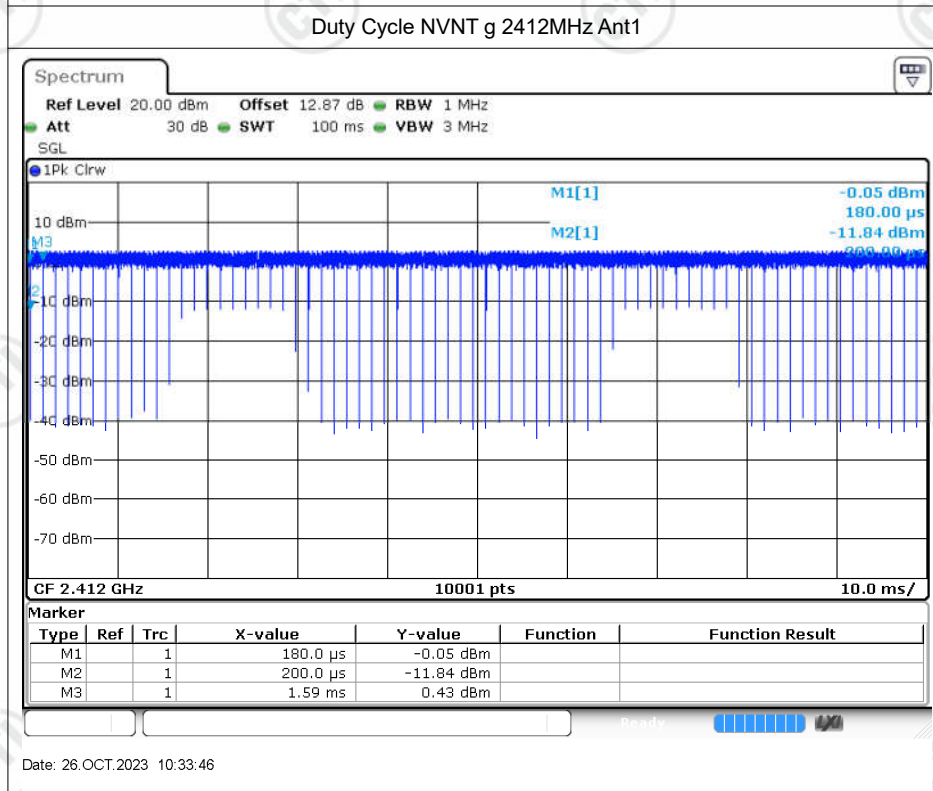
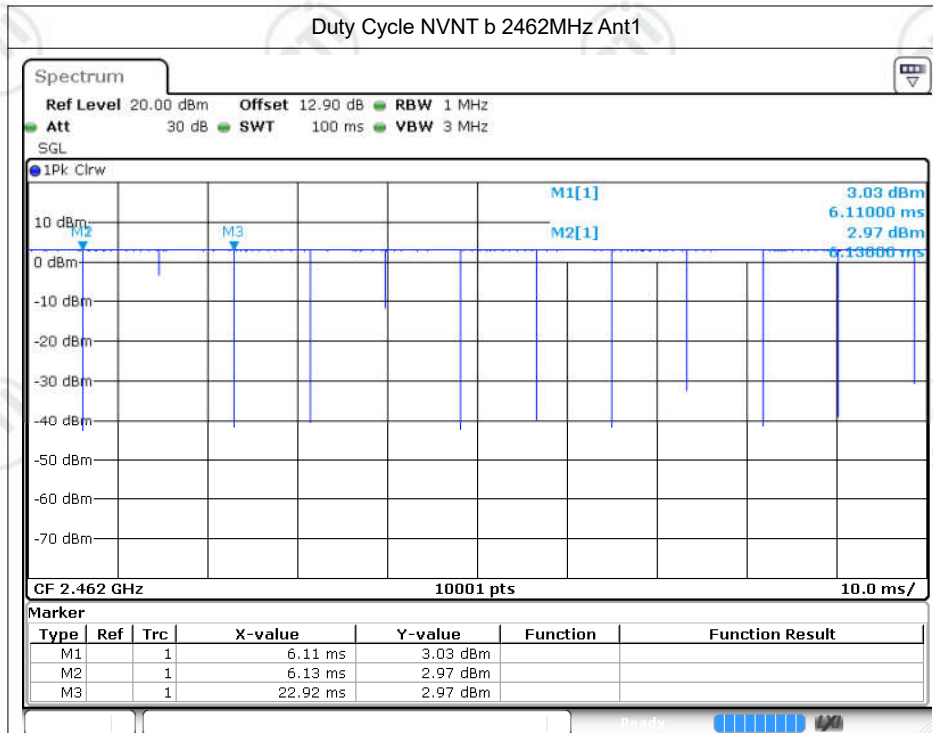
Contents

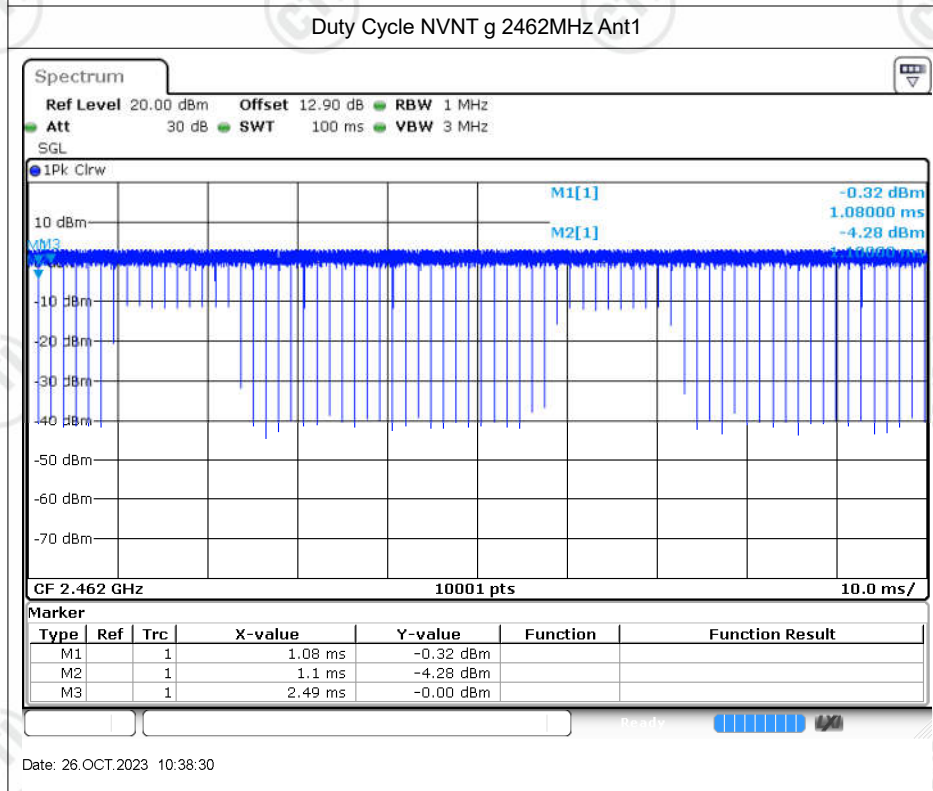
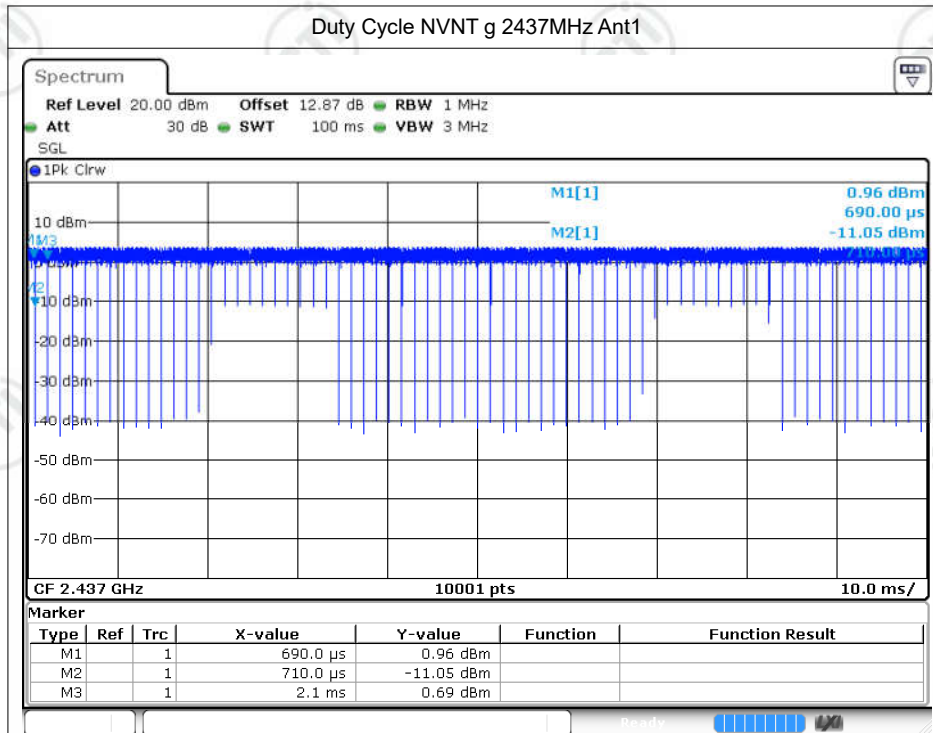
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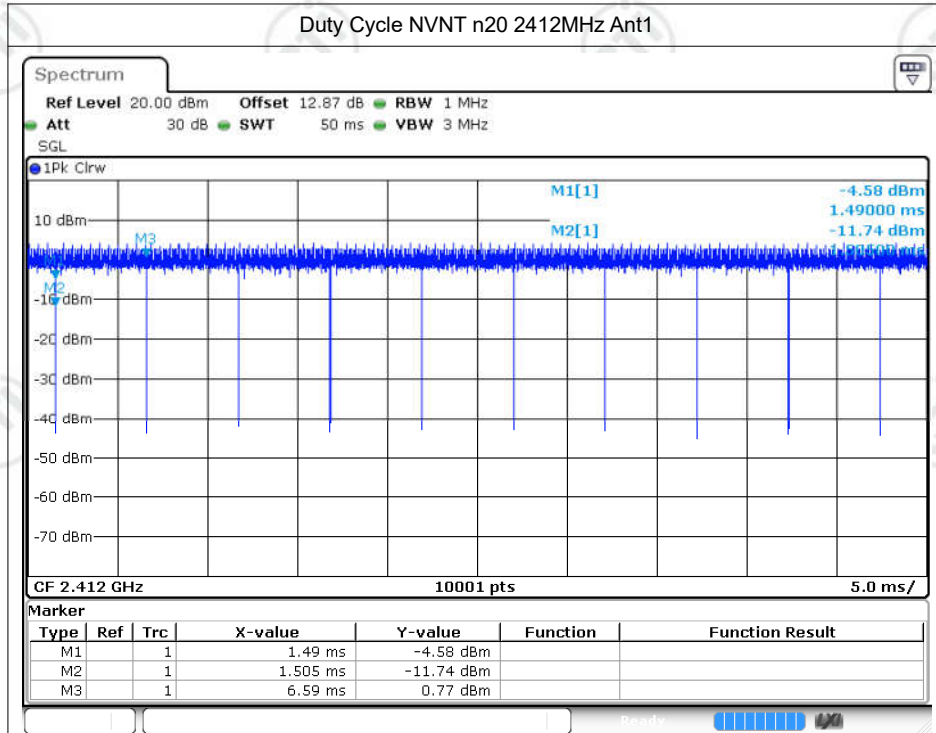
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.88	0	0.06
NVNT	b	2437	Ant1	99.76	0	0.12
NVNT	b	2462	Ant1	99.88	0	0.06
NVNT	g	2412	Ant1	98.58	0	0.72
NVNT	g	2437	Ant1	98.58	0	0.72
NVNT	g	2462	Ant1	98.58	0	0.72
NVNT	n20	2412	Ant1	99.71	0	0.2
NVNT	n20	2437	Ant1	99.71	0	0.2
NVNT	n20	2462	Ant1	99.61	0	0.2
NVNT	n40	2422	Ant1	99.36	0	0.4
NVNT	n40	2437	Ant1	99.04	0	0.41
NVNT	n40	2452	Ant1	98.71	0	0.41

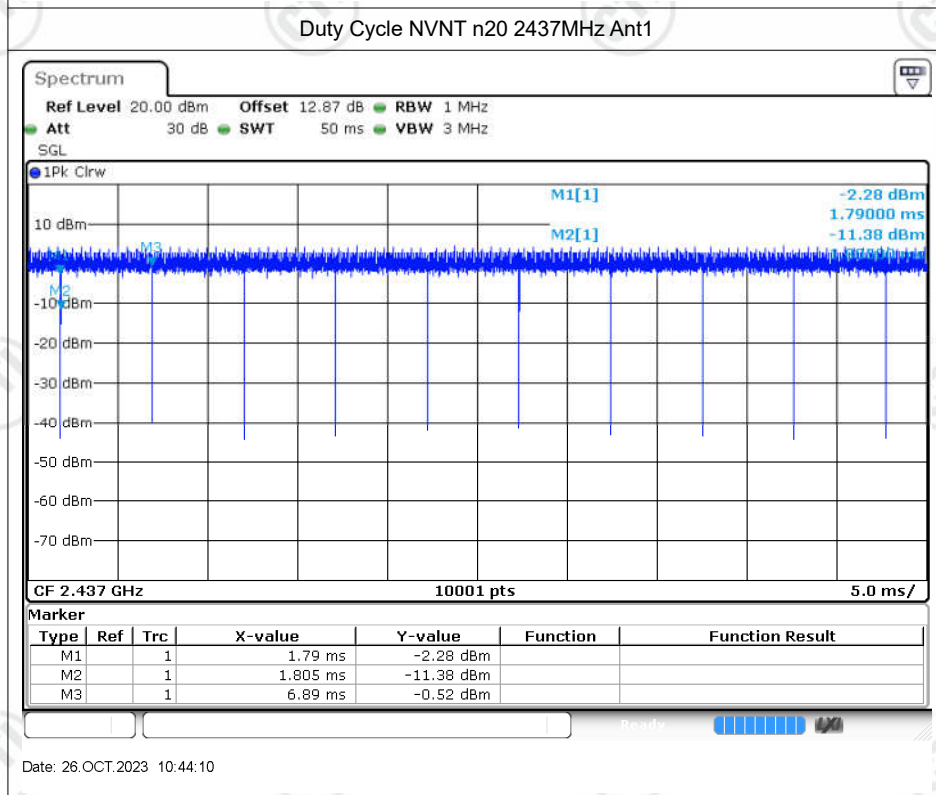




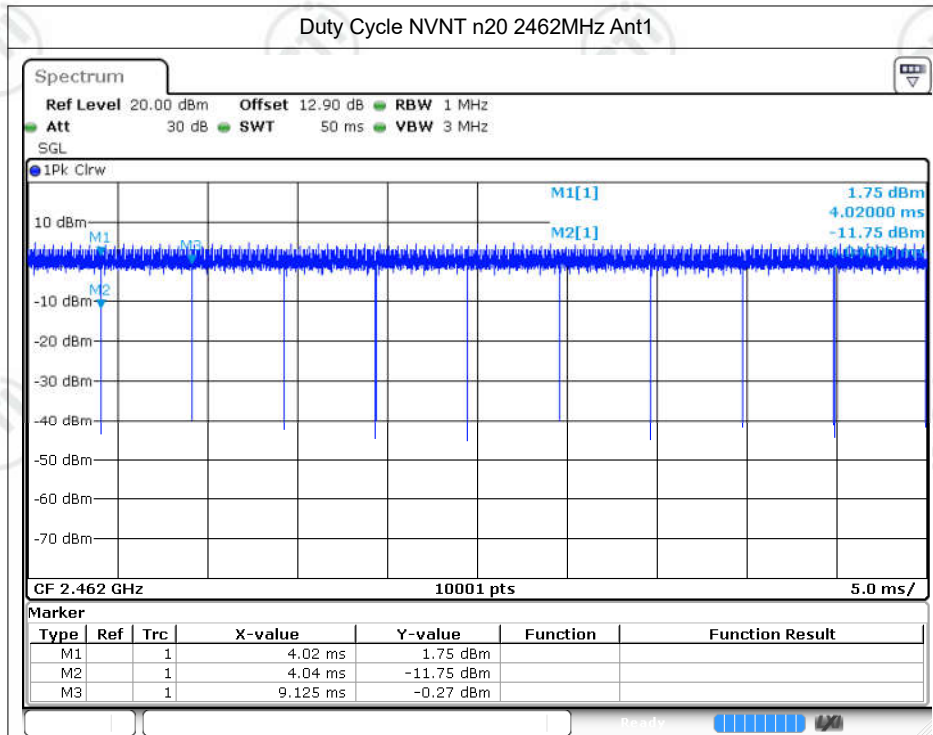




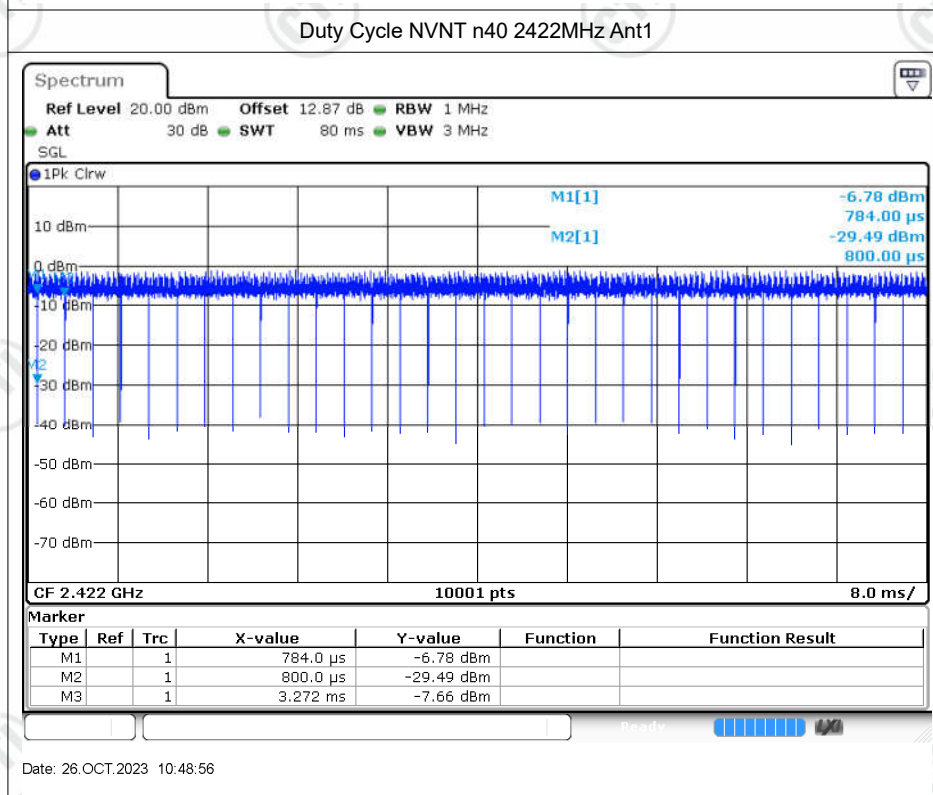
Date: 26.OCT.2023 10:41:37



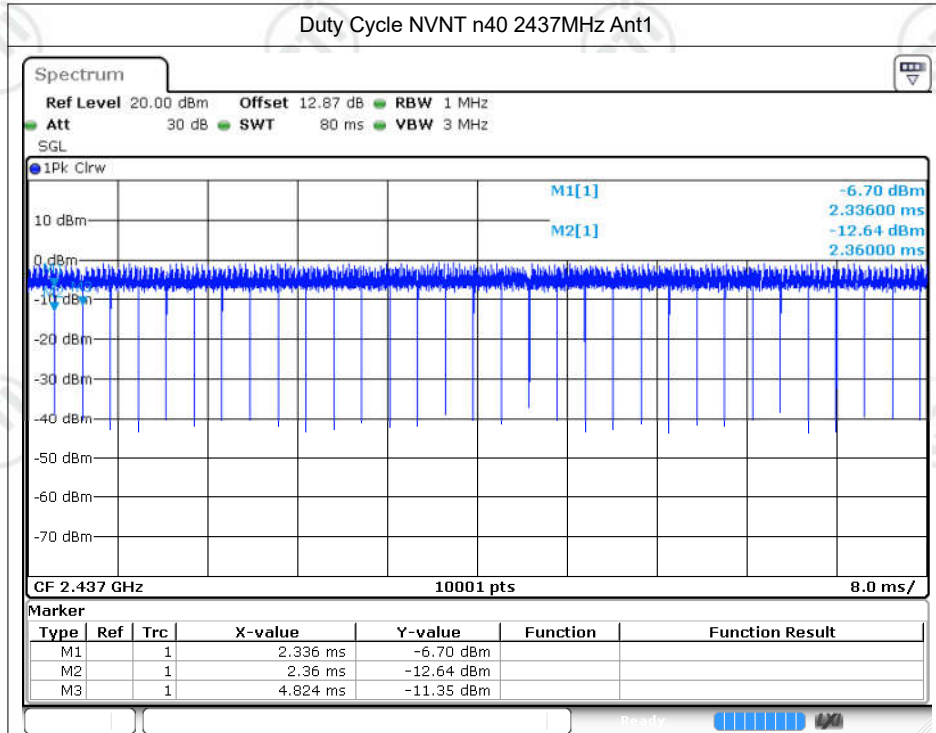
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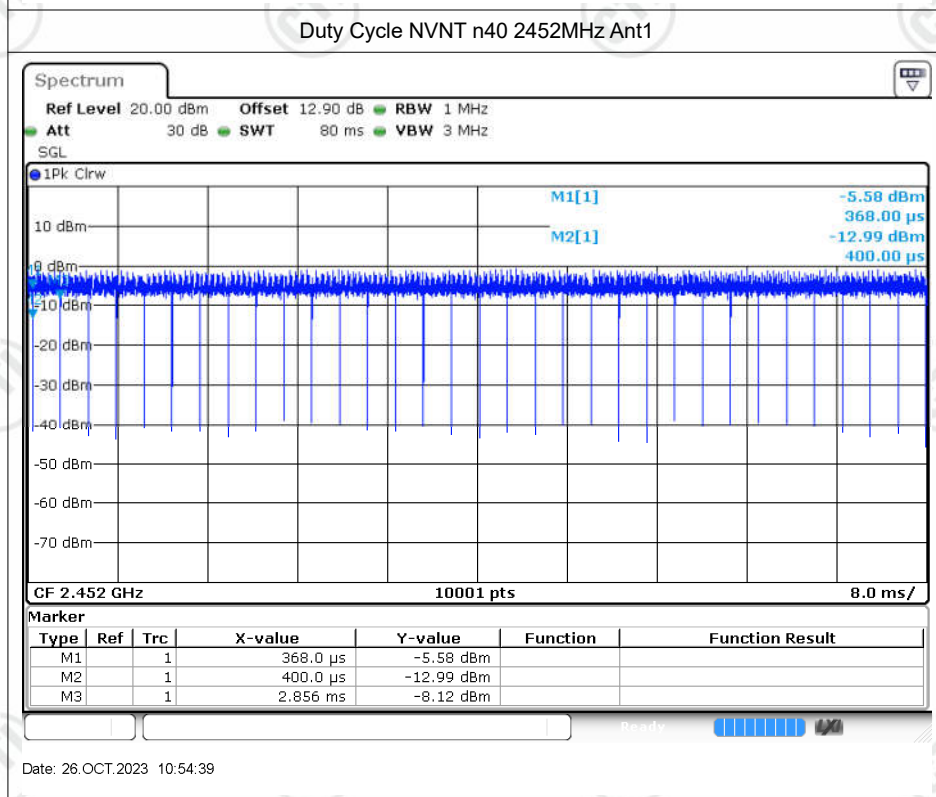
Date: 26.OCT.2023 10:46:37



Date: 26.OCT.2023 10:48:56



Date: 26.OCT.2023 10:51:28



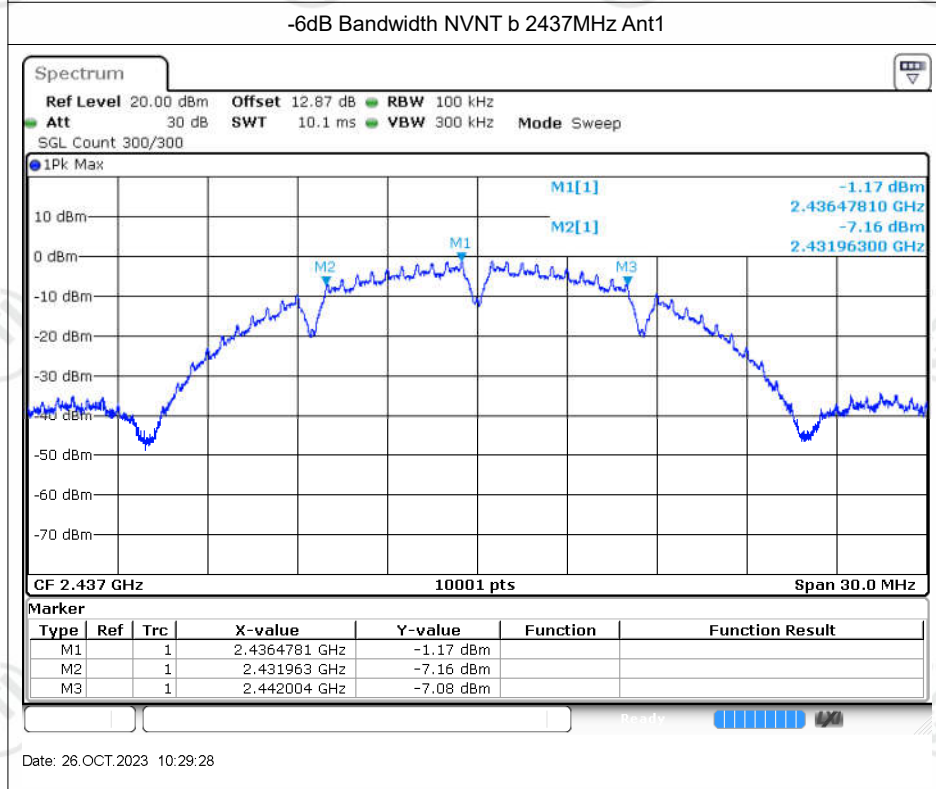
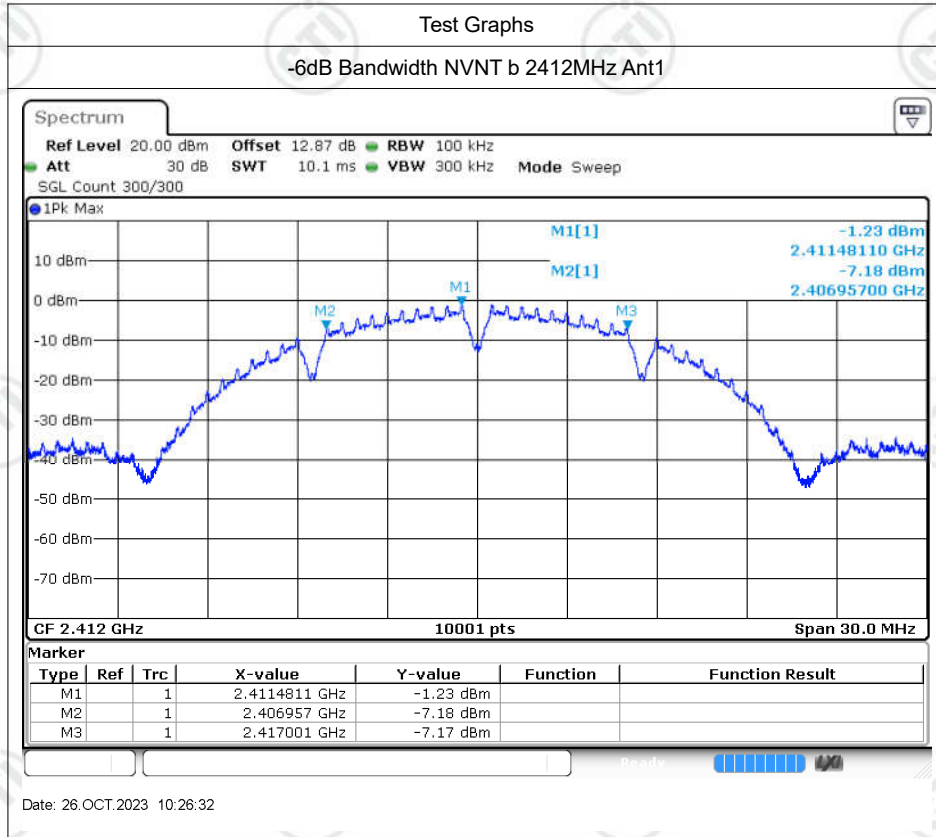
Date: 26.OCT.2023 10:54:39

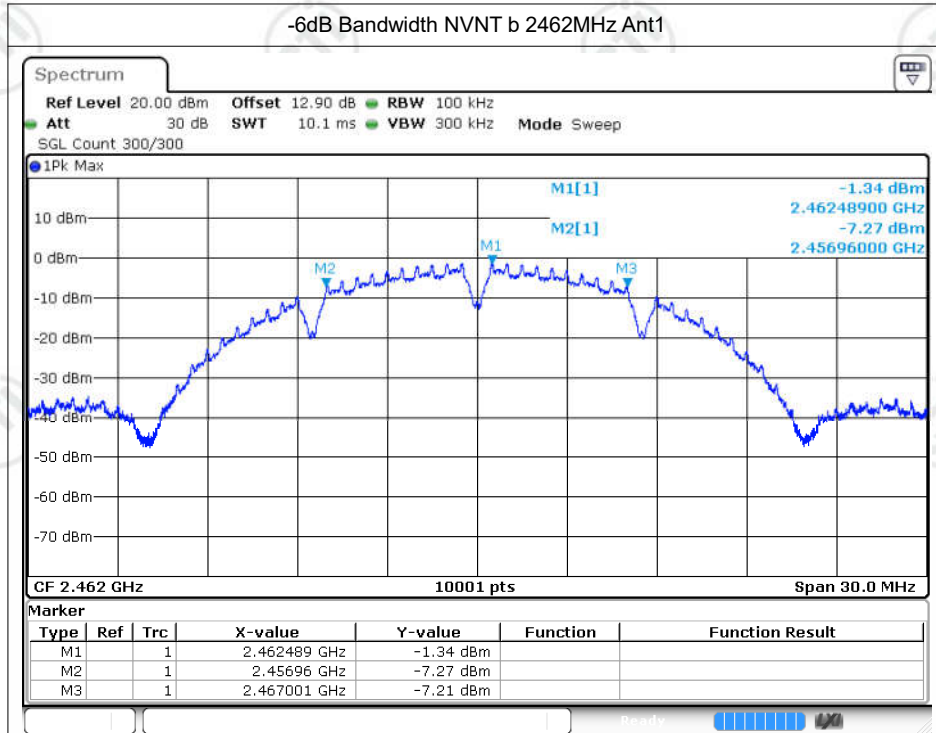
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	9.73	30	Pass
NVNT	b	2437	Ant1	9.68	30	Pass
NVNT	b	2462	Ant1	9.32	30	Pass
NVNT	g	2412	Ant1	9.17	30	Pass
NVNT	g	2437	Ant1	9.51	30	Pass
NVNT	g	2462	Ant1	9.19	30	Pass
NVNT	n20	2412	Ant1	9.47	30	Pass
NVNT	n20	2437	Ant1	9.47	30	Pass
NVNT	n20	2462	Ant1	9.49	30	Pass
NVNT	n40	2422	Ant1	9.63	30	Pass
NVNT	n40	2437	Ant1	9.6	30	Pass
NVNT	n40	2452	Ant1	9.4	30	Pass

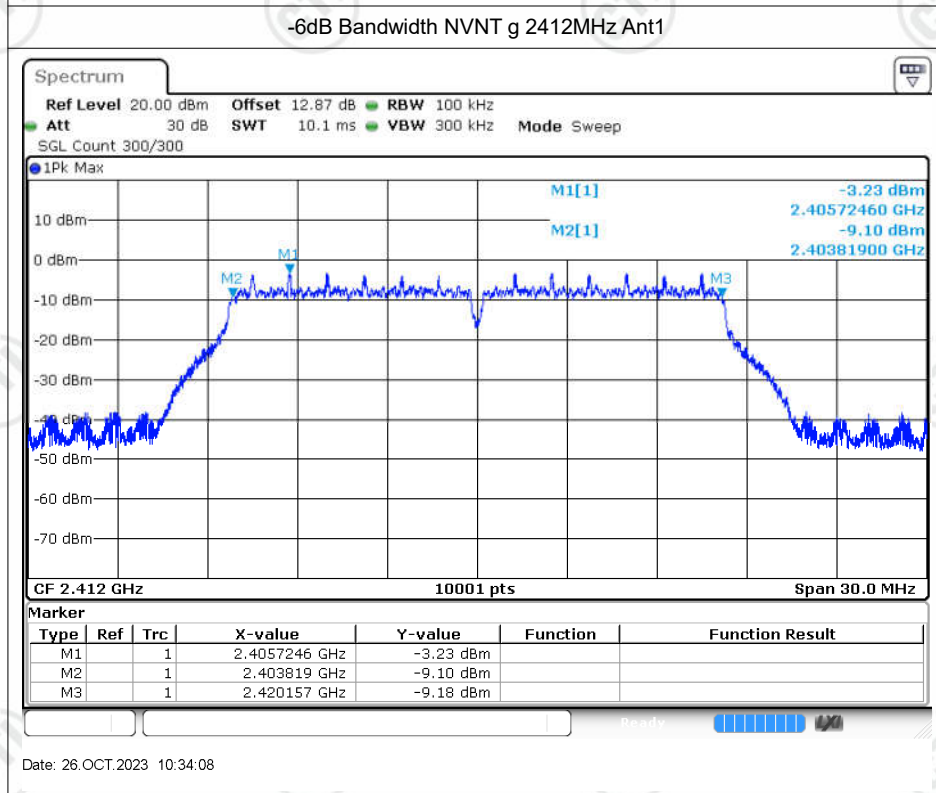
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.044	0.5	Pass
NVNT	b	2437	Ant1	10.041	0.5	Pass
NVNT	b	2462	Ant1	10.041	0.5	Pass
NVNT	g	2412	Ant1	16.338	0.5	Pass
NVNT	g	2437	Ant1	16.326	0.5	Pass
NVNT	g	2462	Ant1	16.338	0.5	Pass
NVNT	n20	2412	Ant1	17.58	0.5	Pass
NVNT	n20	2437	Ant1	17.568	0.5	Pass
NVNT	n20	2462	Ant1	17.574	0.5	Pass
NVNT	n40	2422	Ant1	35.046	0.5	Pass
NVNT	n40	2437	Ant1	35.046	0.5	Pass
NVNT	n40	2452	Ant1	35.118	0.5	Pass

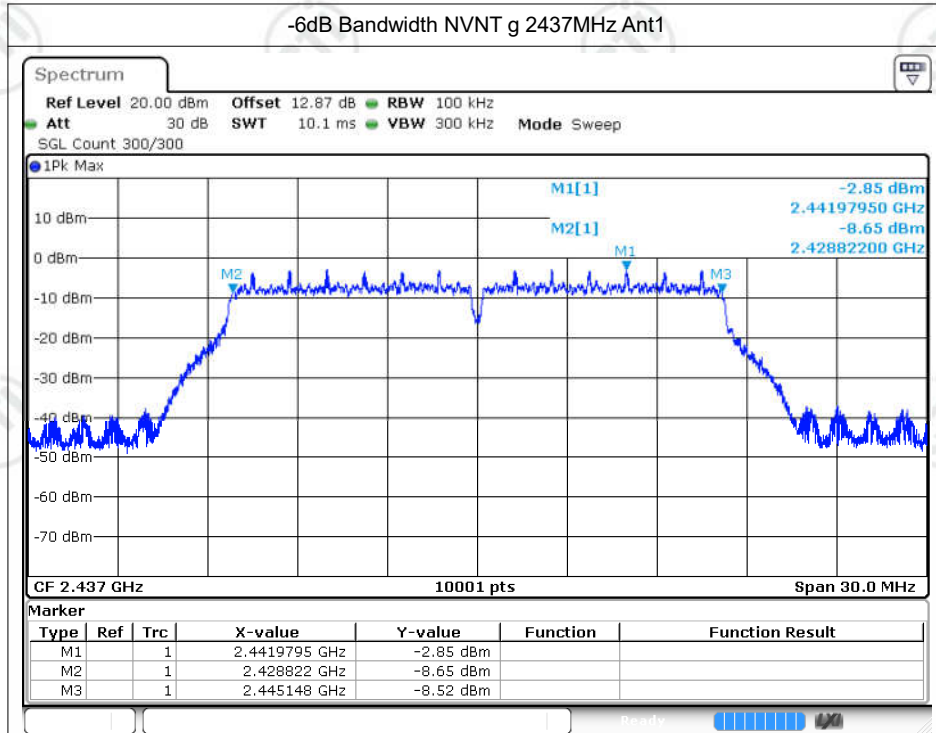




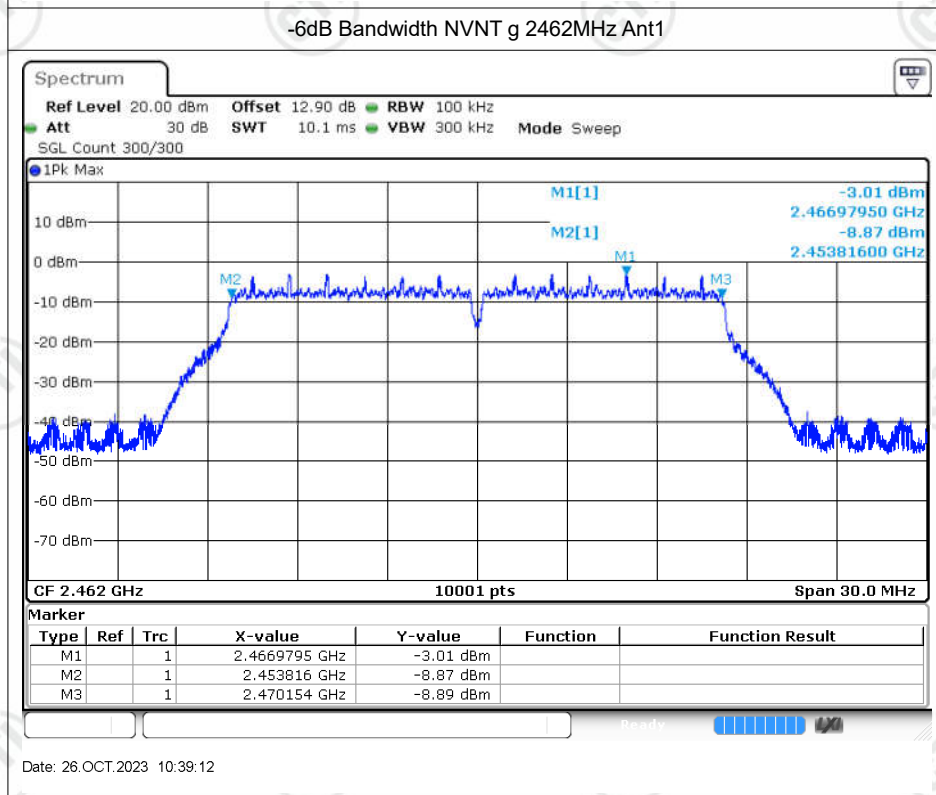
Date: 26.OCT.2023 10:31:41



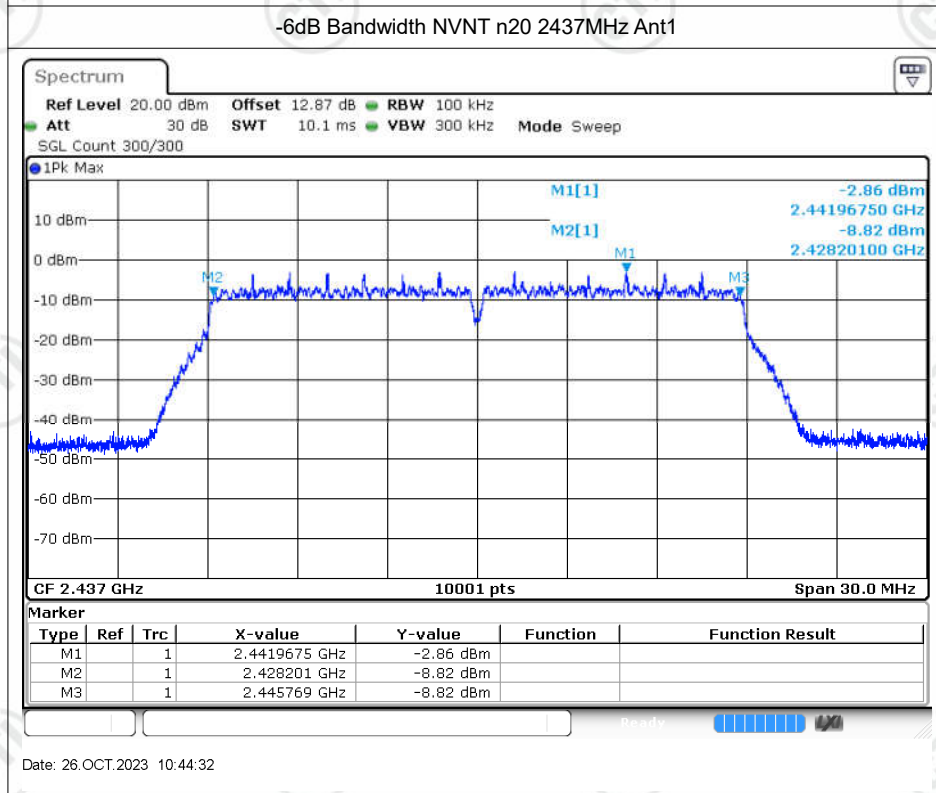
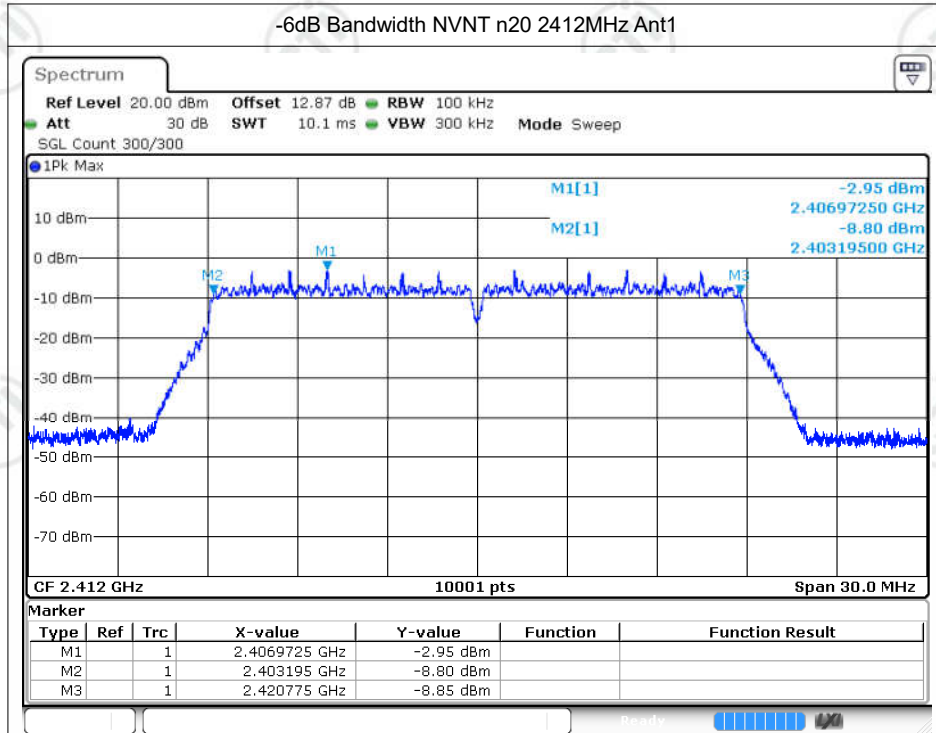
Date: 26.OCT.2023 10:34:08

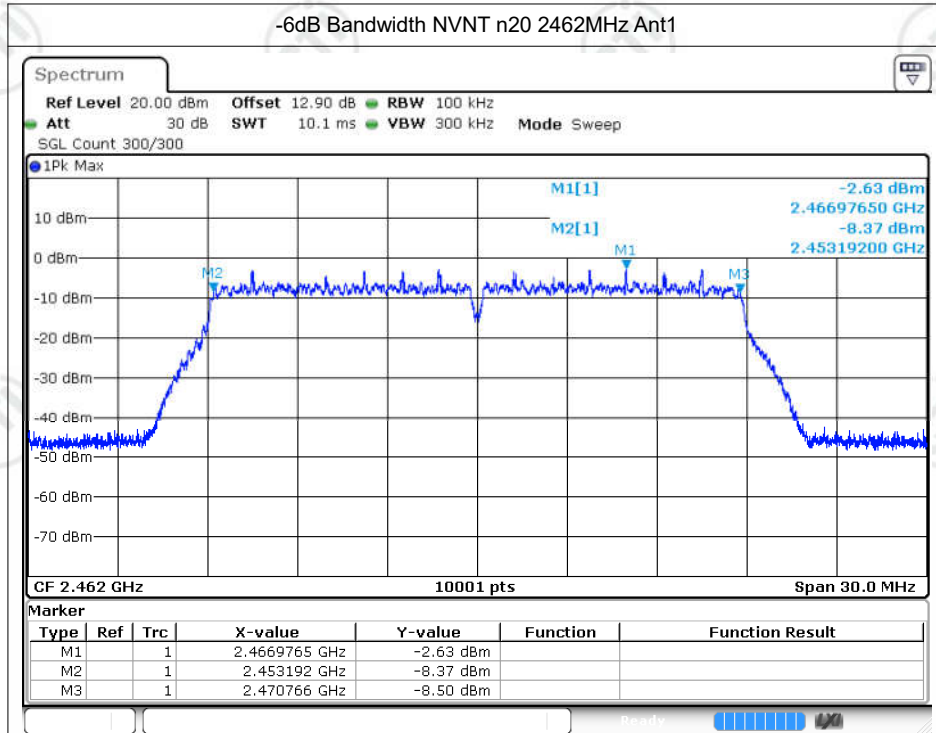


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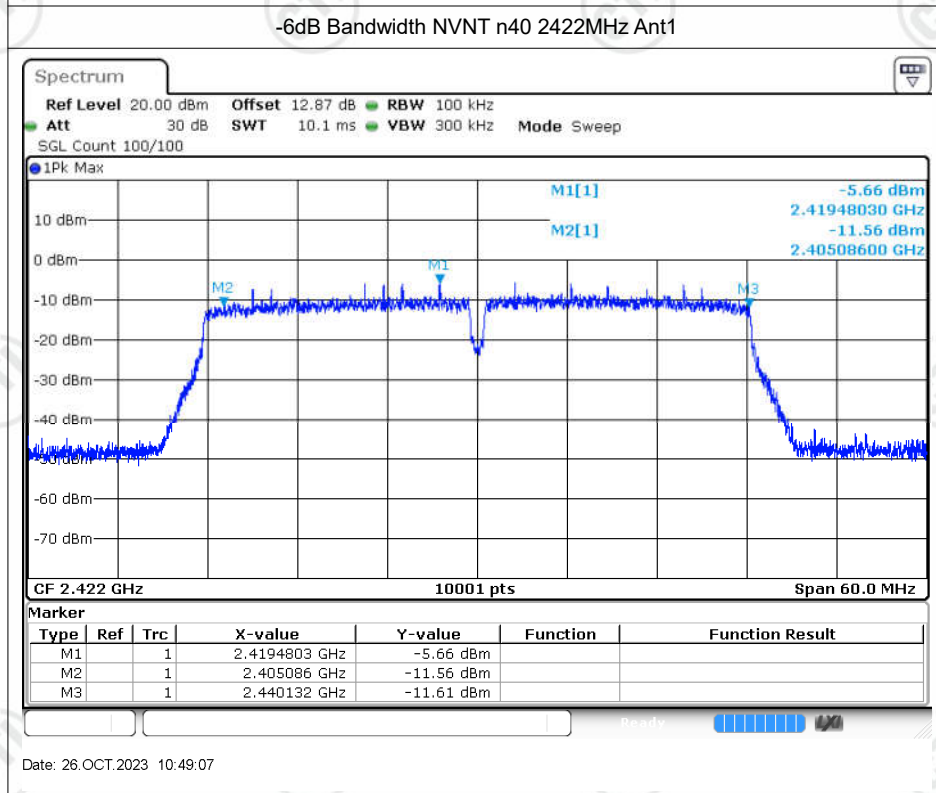


Date: 26.OCT.2023 10:39:12

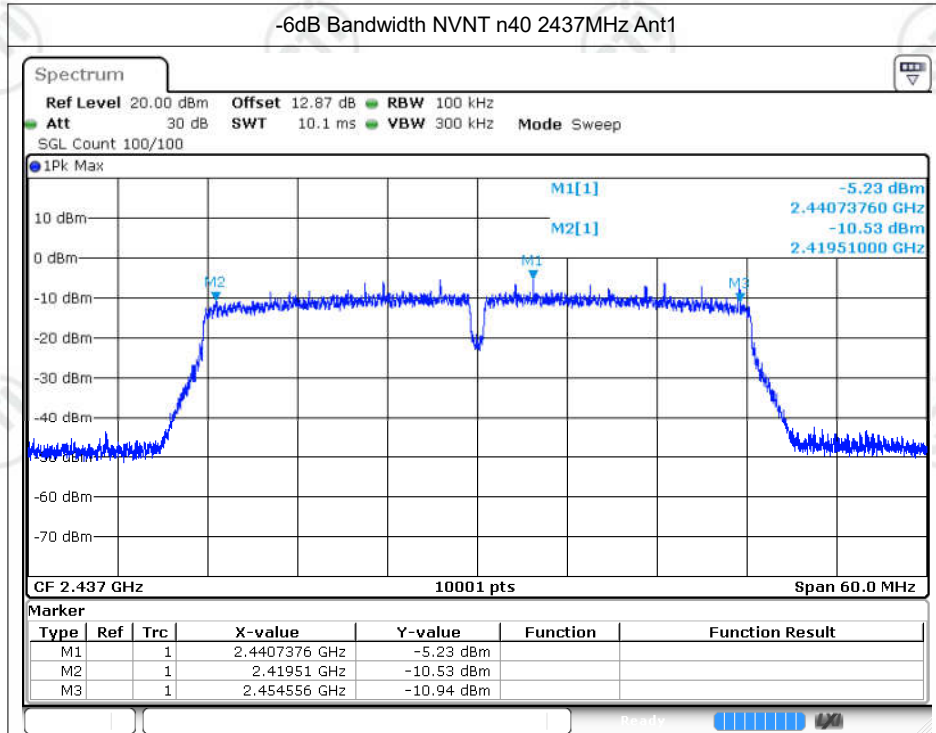




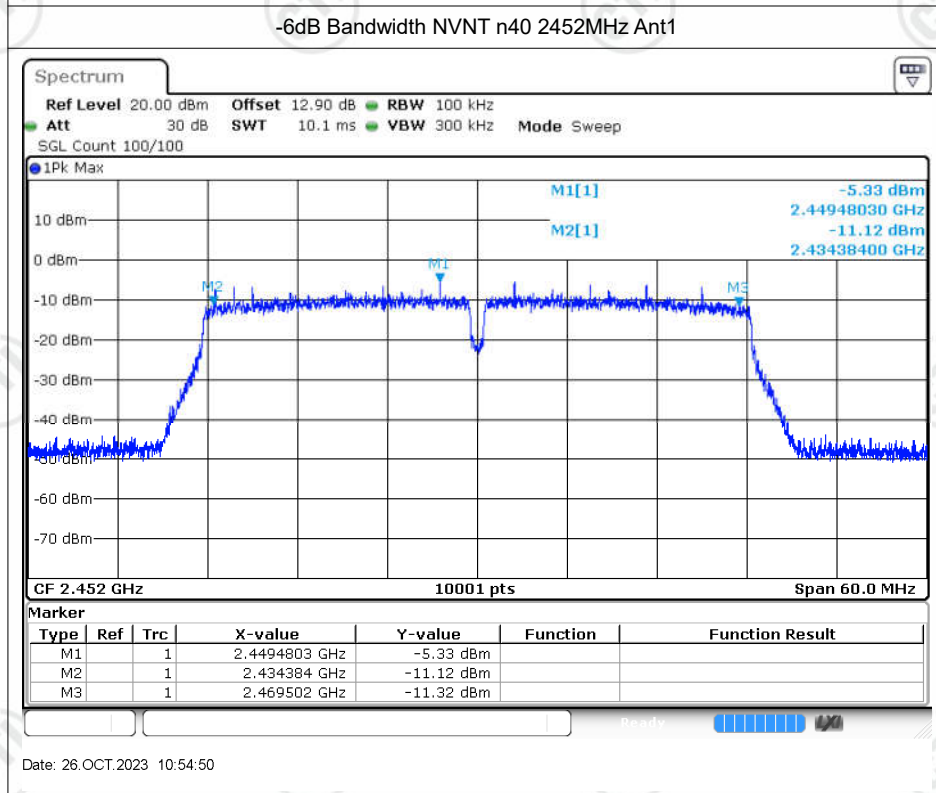
Date: 26.OCT.2023 10:47:02



Date: 26.OCT.2023 10:49:07



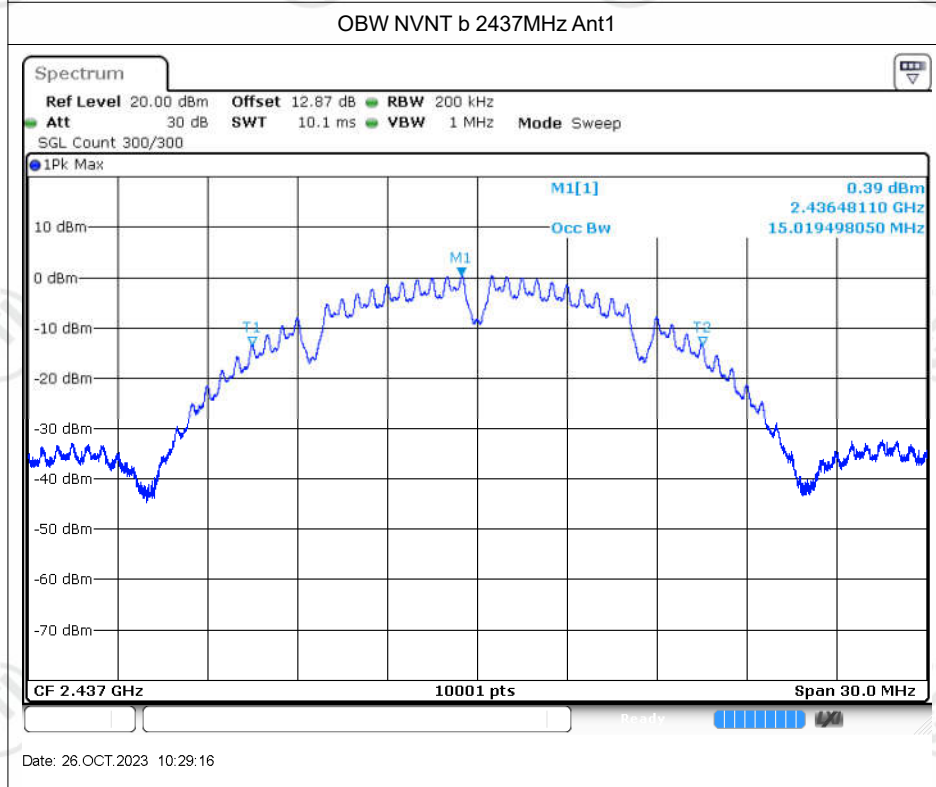
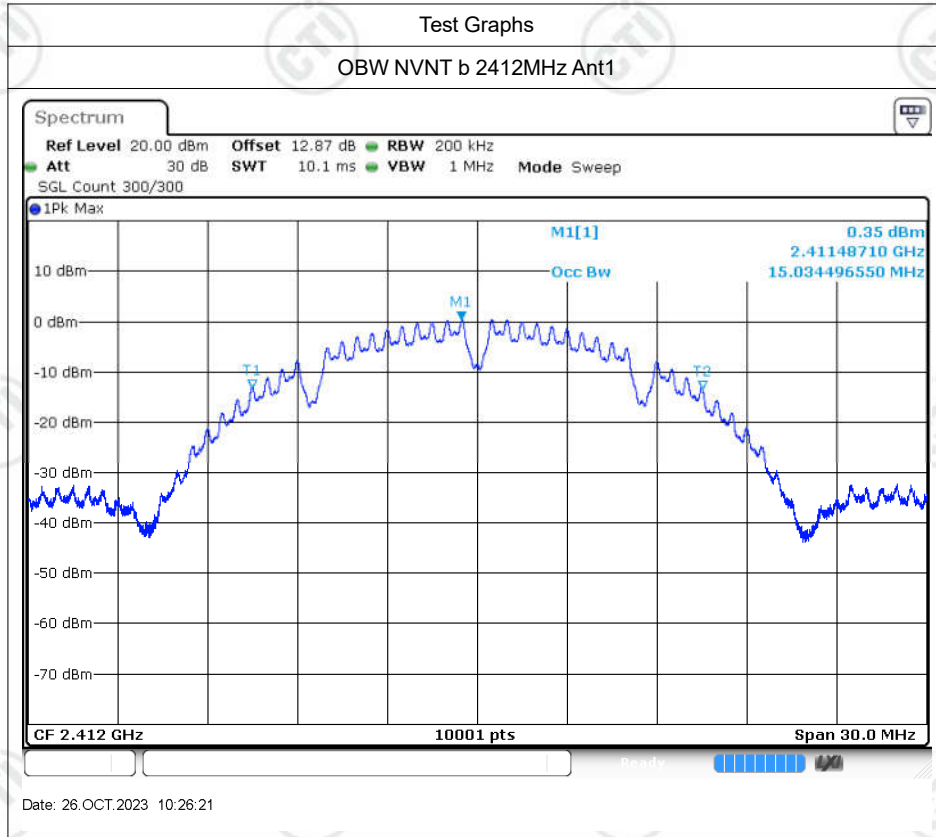
Date: 26.OCT.2023 10:51:39

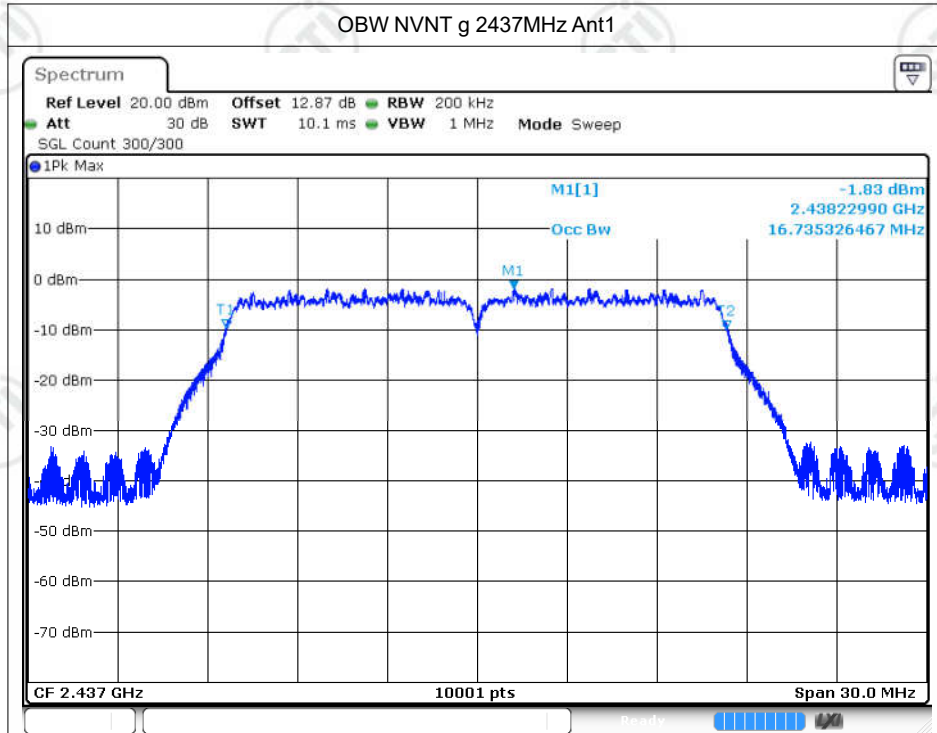


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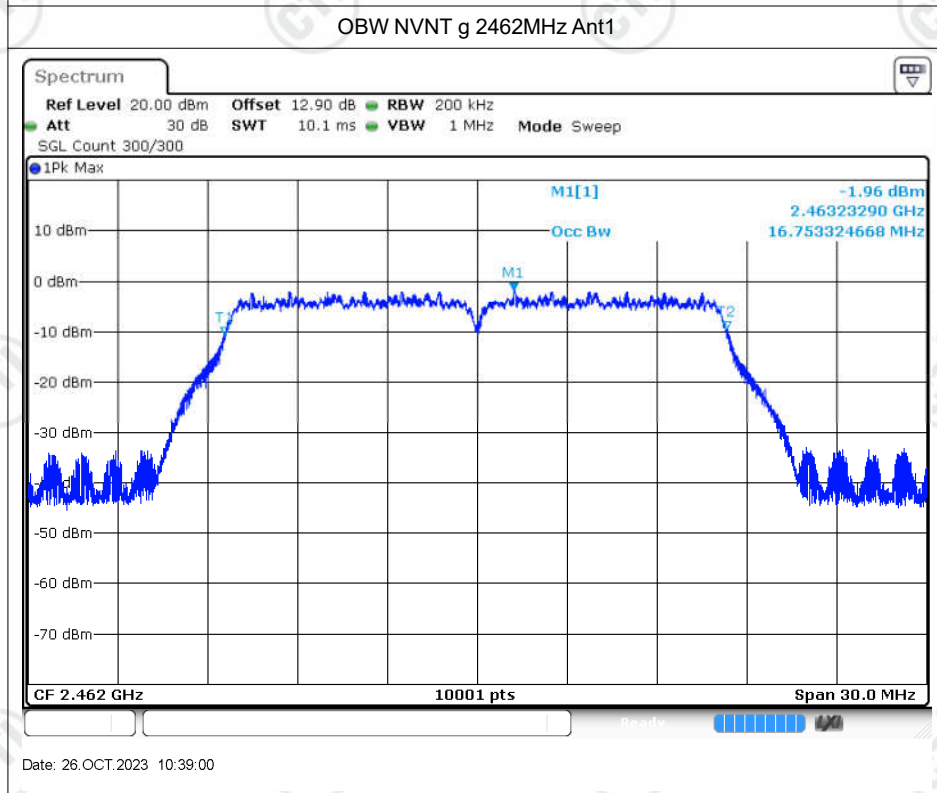
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	15.034
NVNT	b	2437	Ant1	15.019
NVNT	b	2462	Ant1	15.034
NVNT	g	2412	Ant1	16.777
NVNT	g	2437	Ant1	16.735
NVNT	g	2462	Ant1	16.753
NVNT	n20	2412	Ant1	17.827
NVNT	n20	2437	Ant1	17.8
NVNT	n20	2462	Ant1	17.8
NVNT	n40	2422	Ant1	36.242
NVNT	n40	2437	Ant1	36.188
NVNT	n40	2452	Ant1	36.212

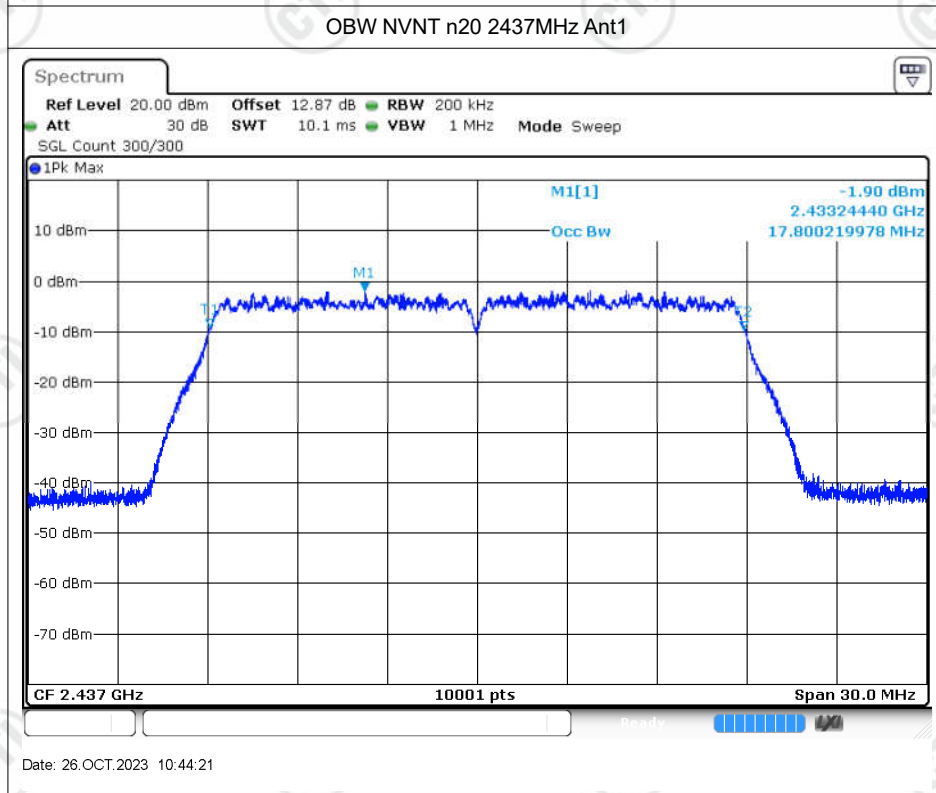
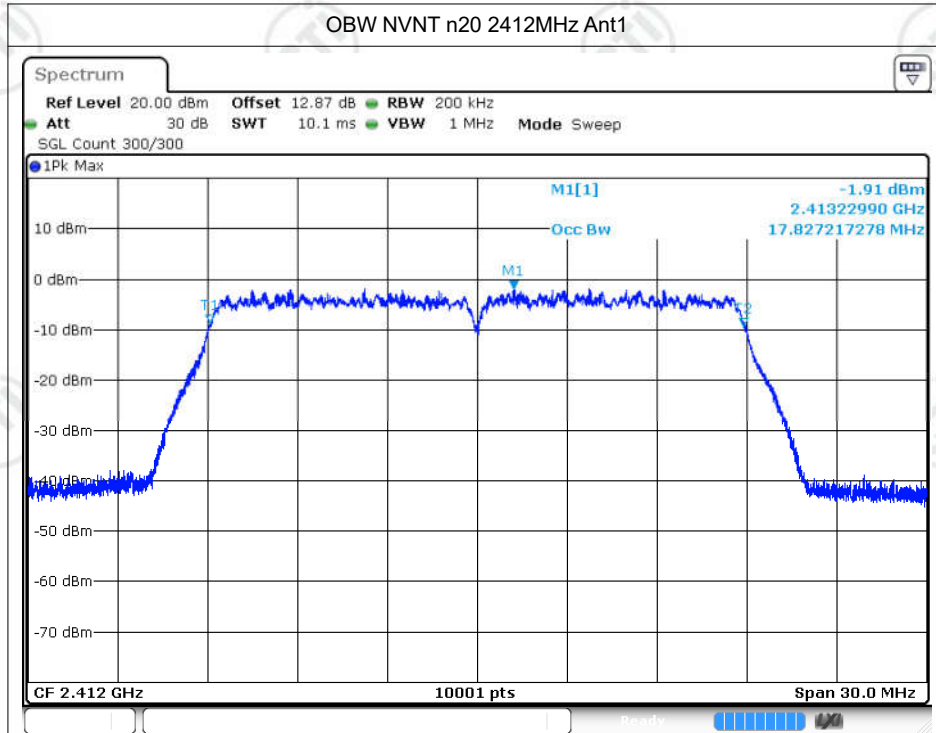


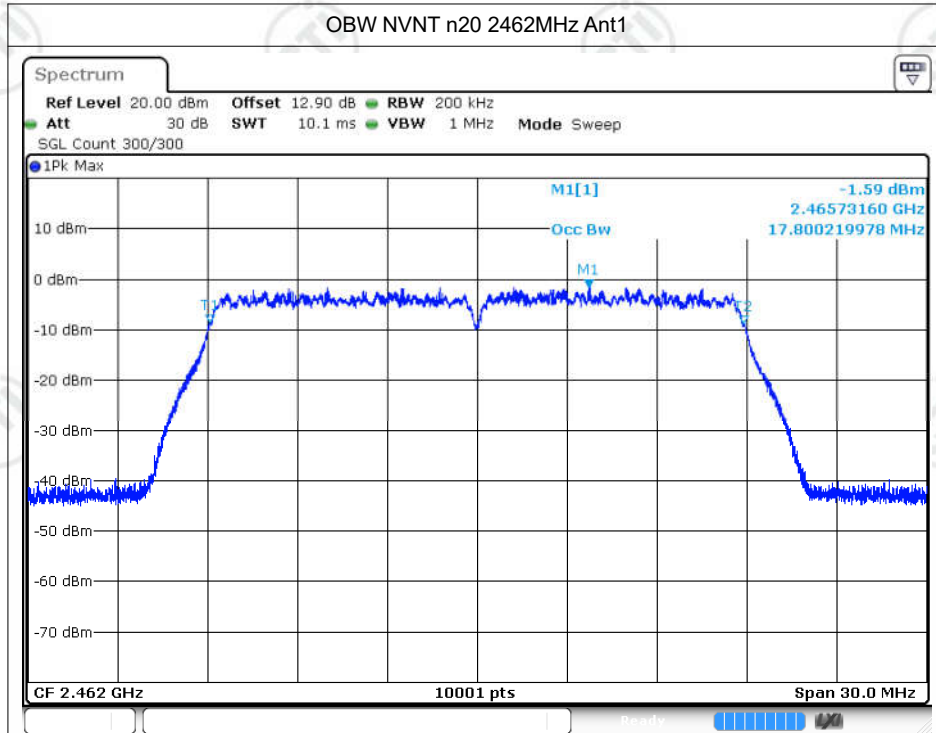


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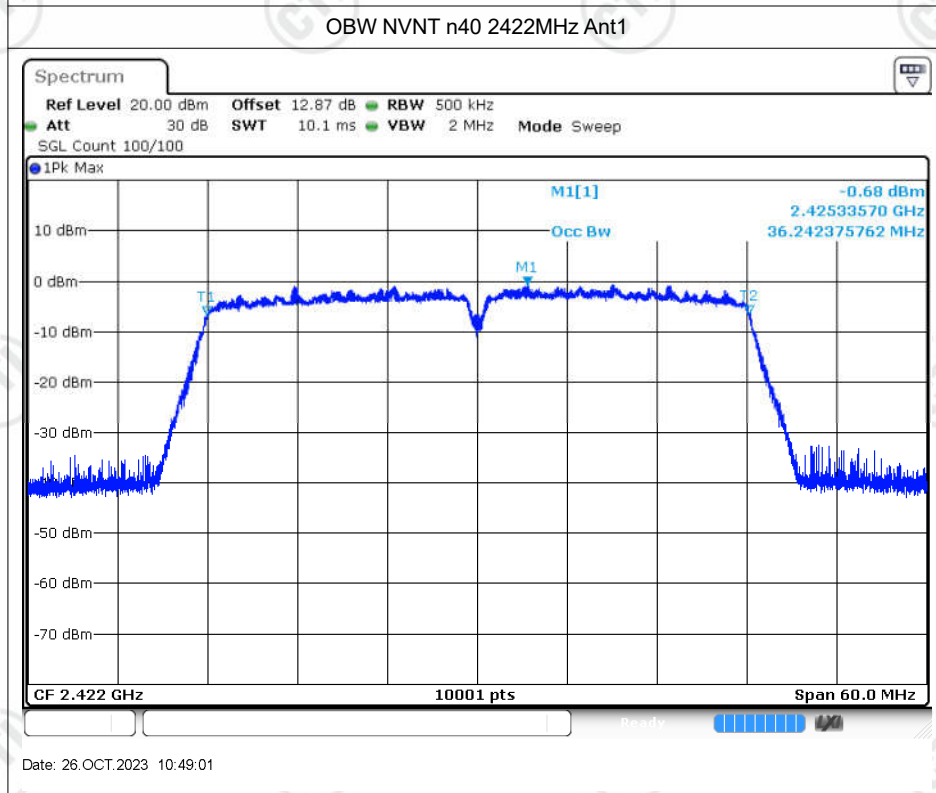


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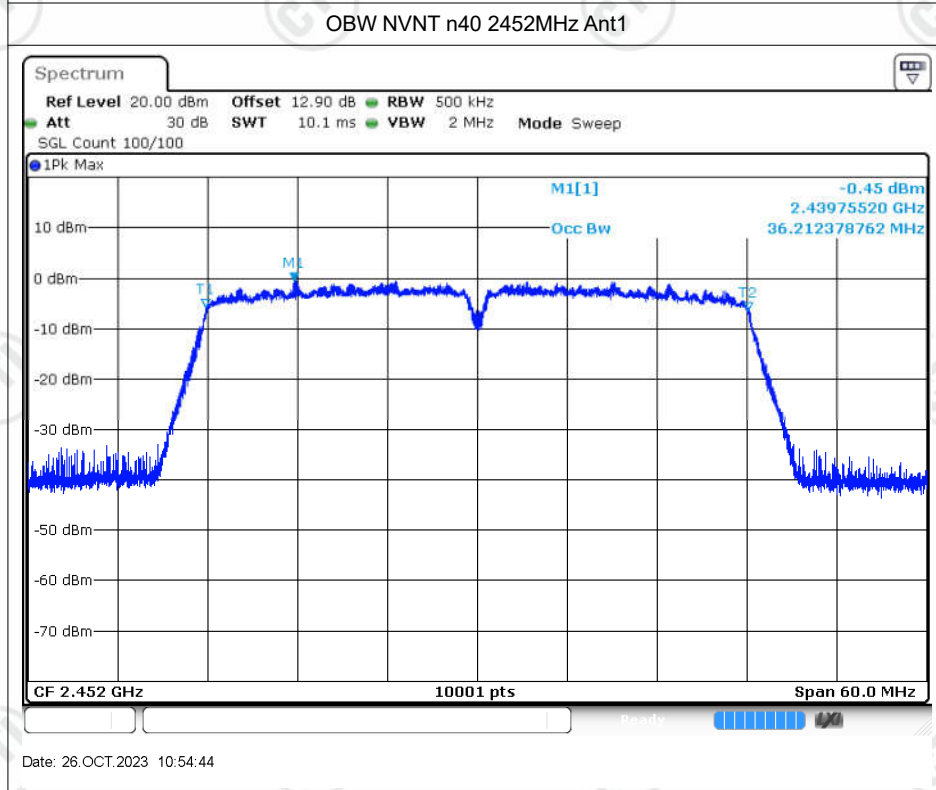
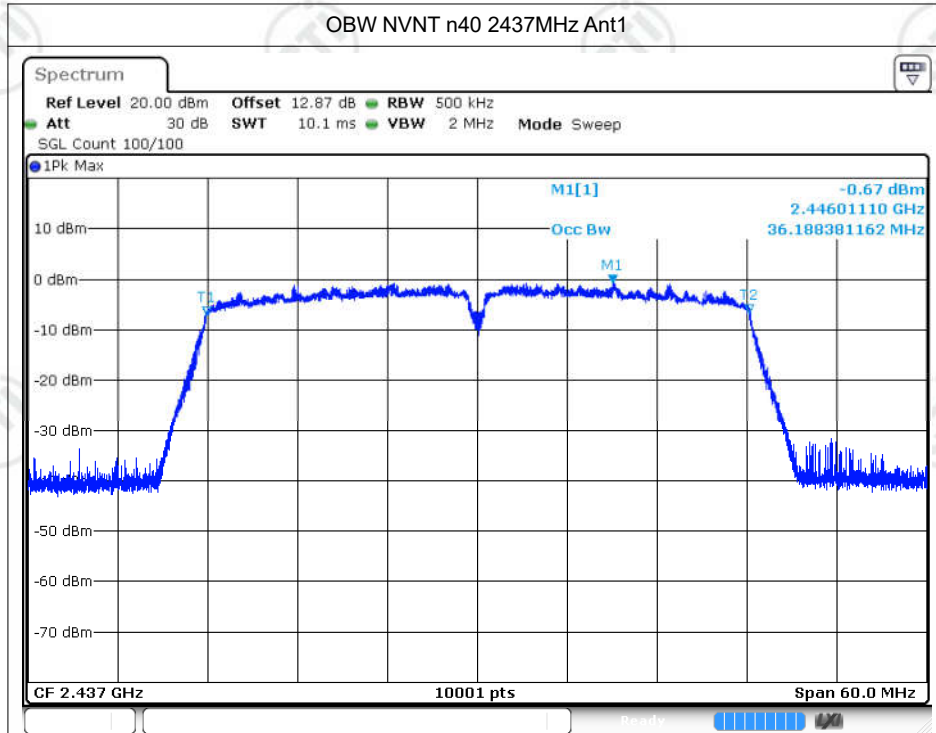




Date: 26.OCT.2023 10:46:49

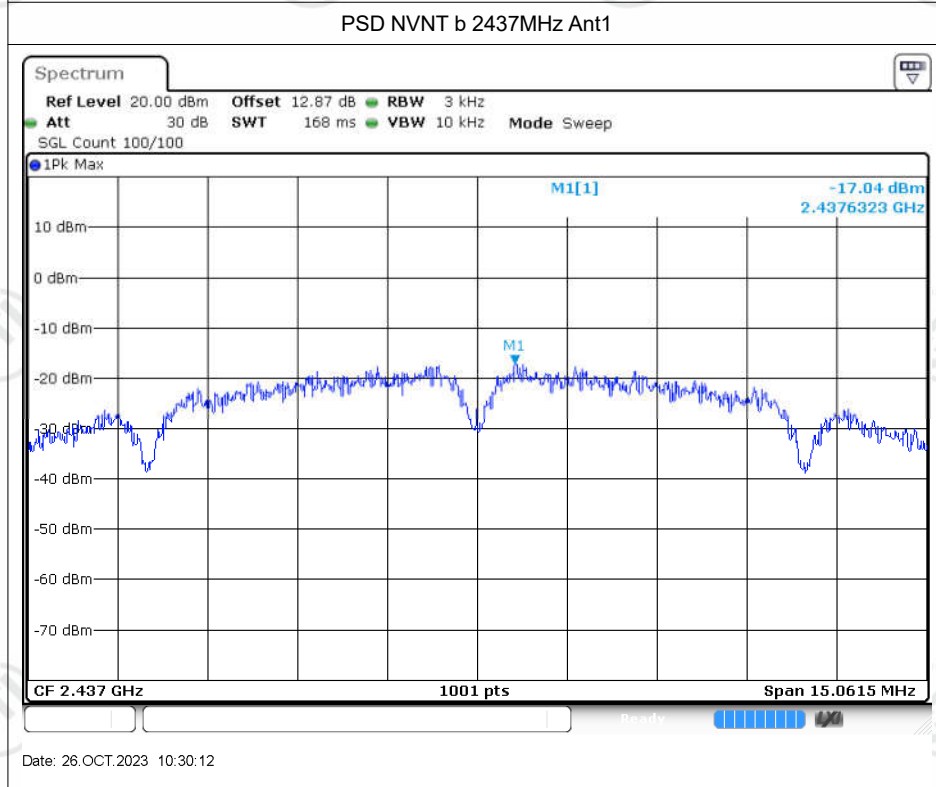
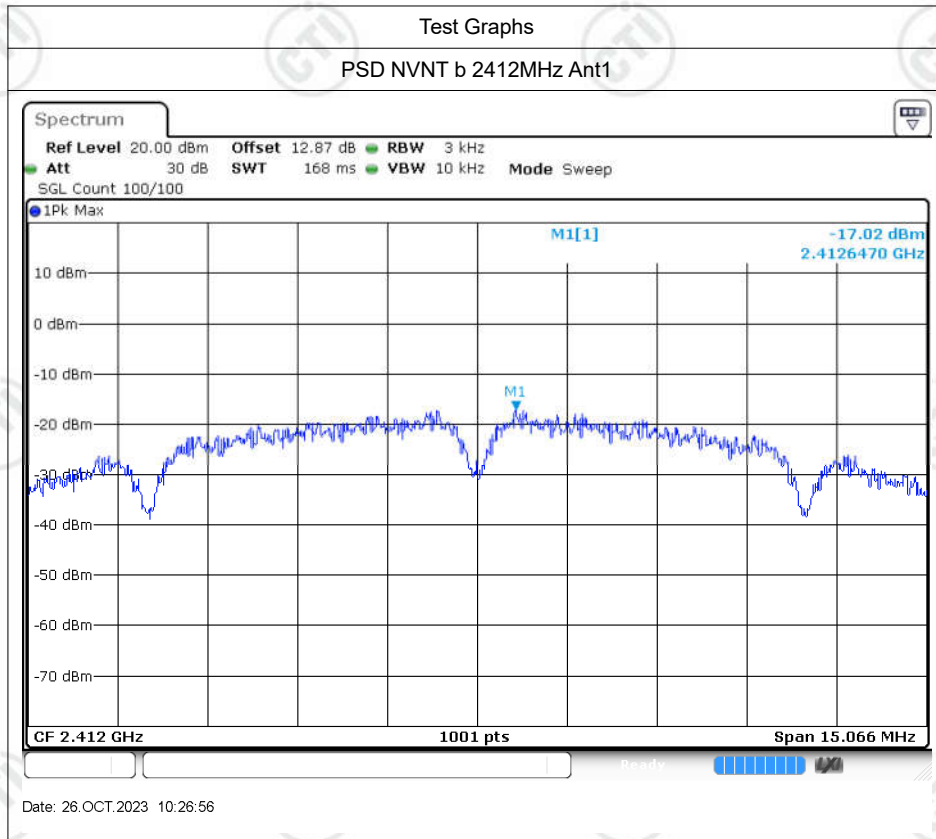


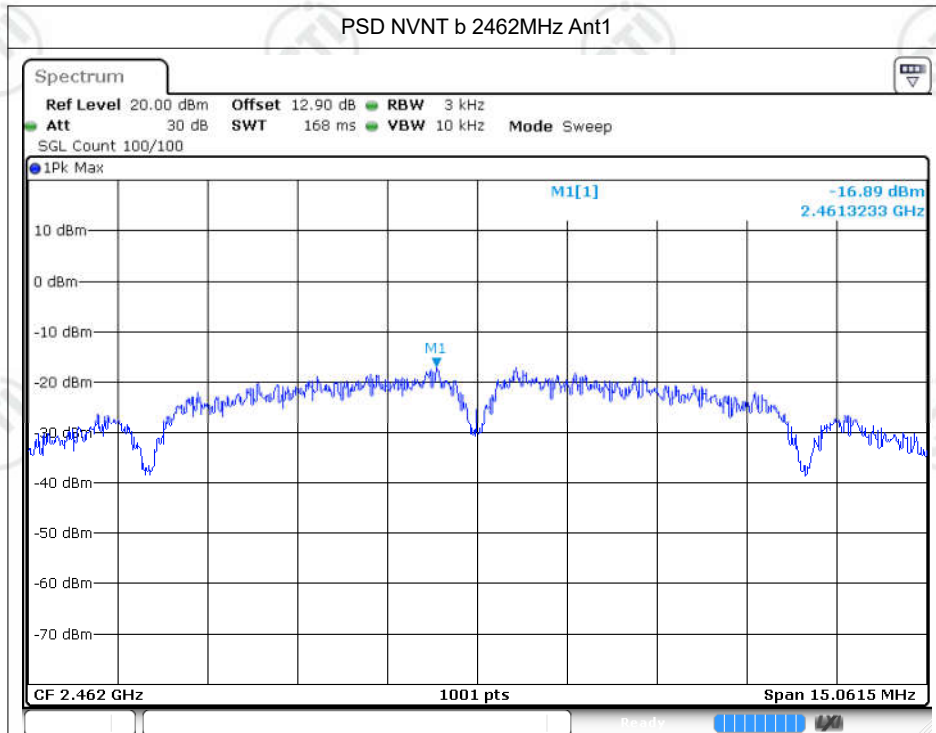
Date: 26.OCT.2023 10:49:01



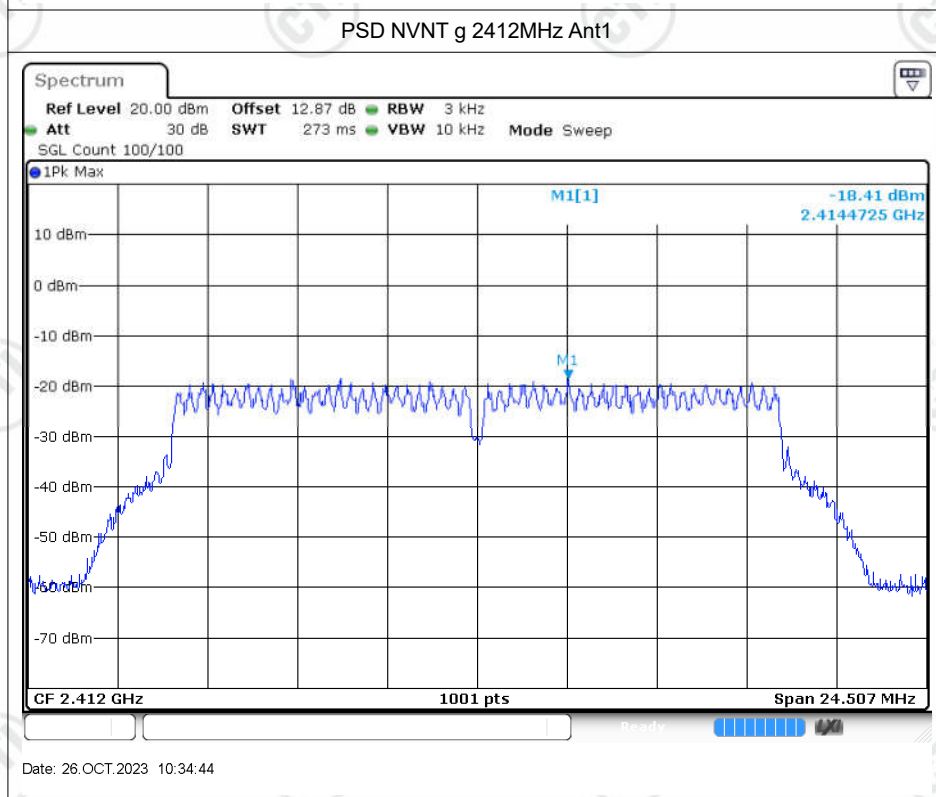
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-17.02	0	-17.02	8	Pass
NVNT	b	2437	Ant1	-17.04	0	-17.04	8	Pass
NVNT	b	2462	Ant1	-16.89	0	-16.89	8	Pass
NVNT	g	2412	Ant1	-18.41	0	-18.41	8	Pass
NVNT	g	2437	Ant1	-17.89	0	-17.89	8	Pass
NVNT	g	2462	Ant1	-17.89	0	-17.89	8	Pass
NVNT	n20	2412	Ant1	-17.75	0	-17.75	8	Pass
NVNT	n20	2437	Ant1	-18	0	-18	8	Pass
NVNT	n20	2462	Ant1	-17.69	0	-17.69	8	Pass
NVNT	n40	2422	Ant1	-19.53	0	-19.53	8	Pass
NVNT	n40	2437	Ant1	-19.36	0	-19.36	8	Pass
NVNT	n40	2452	Ant1	-19.67	0	-19.67	8	Pass

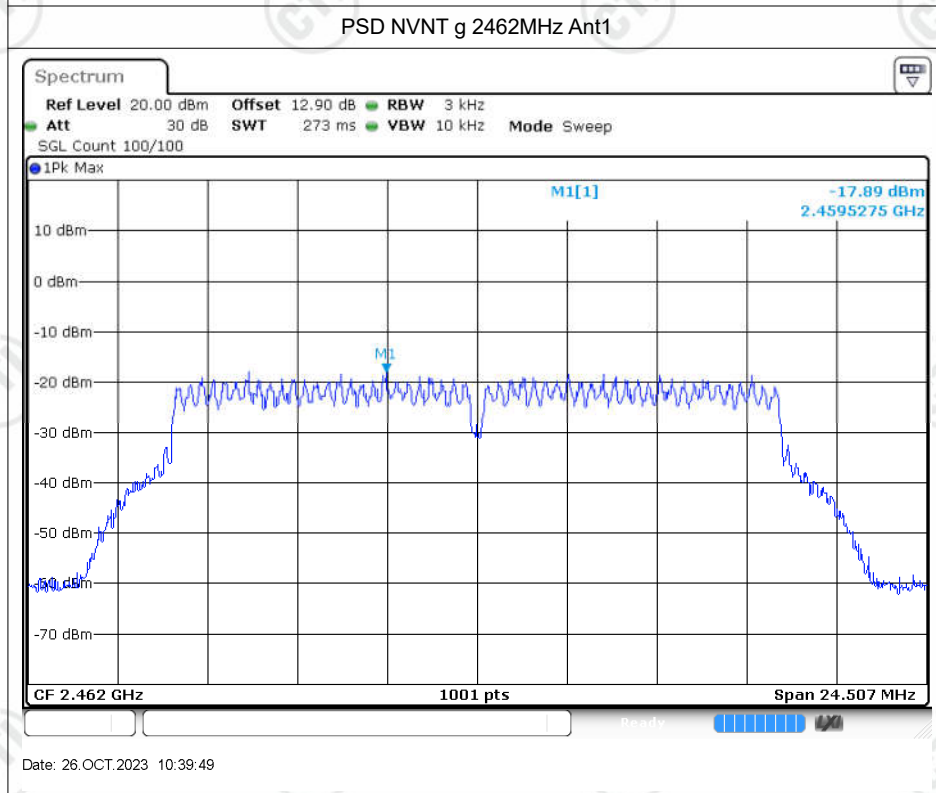
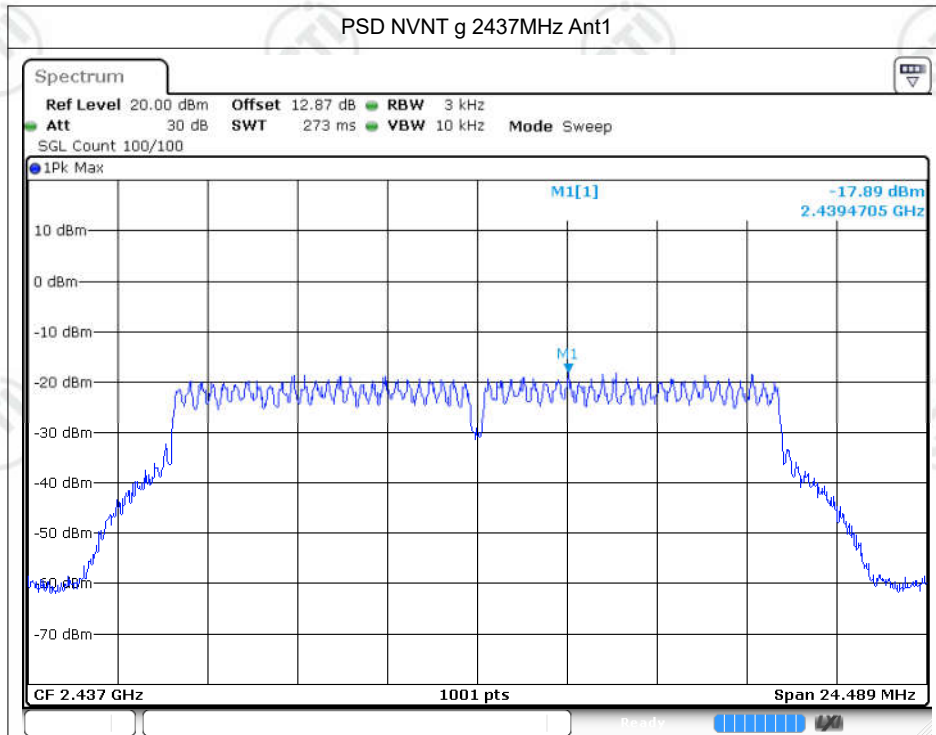


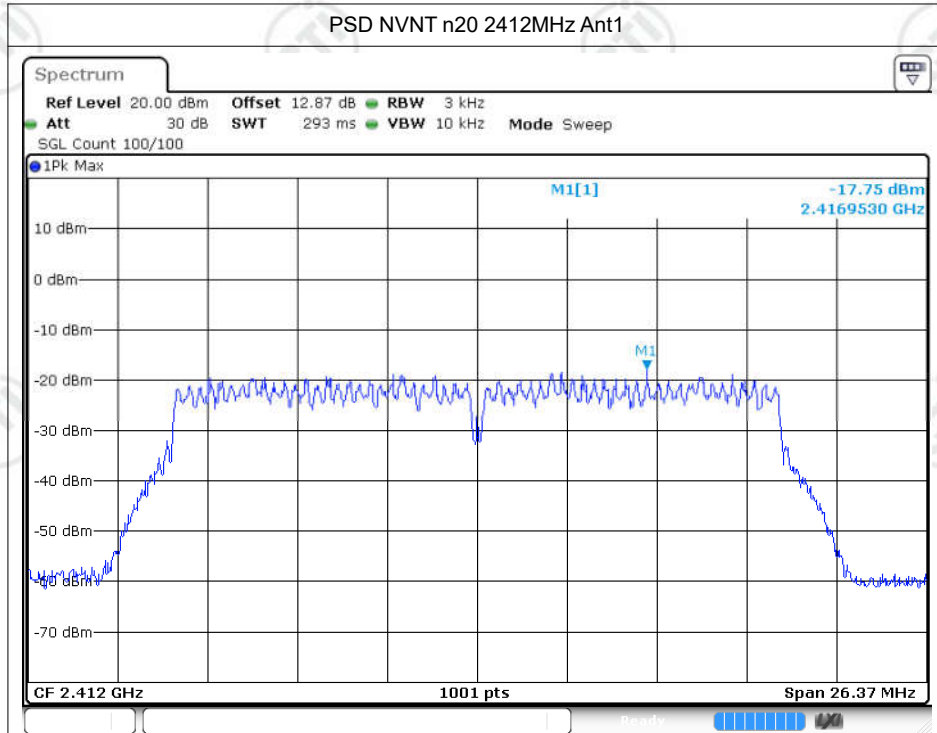


Date: 26.OCT.2023 10:32:05

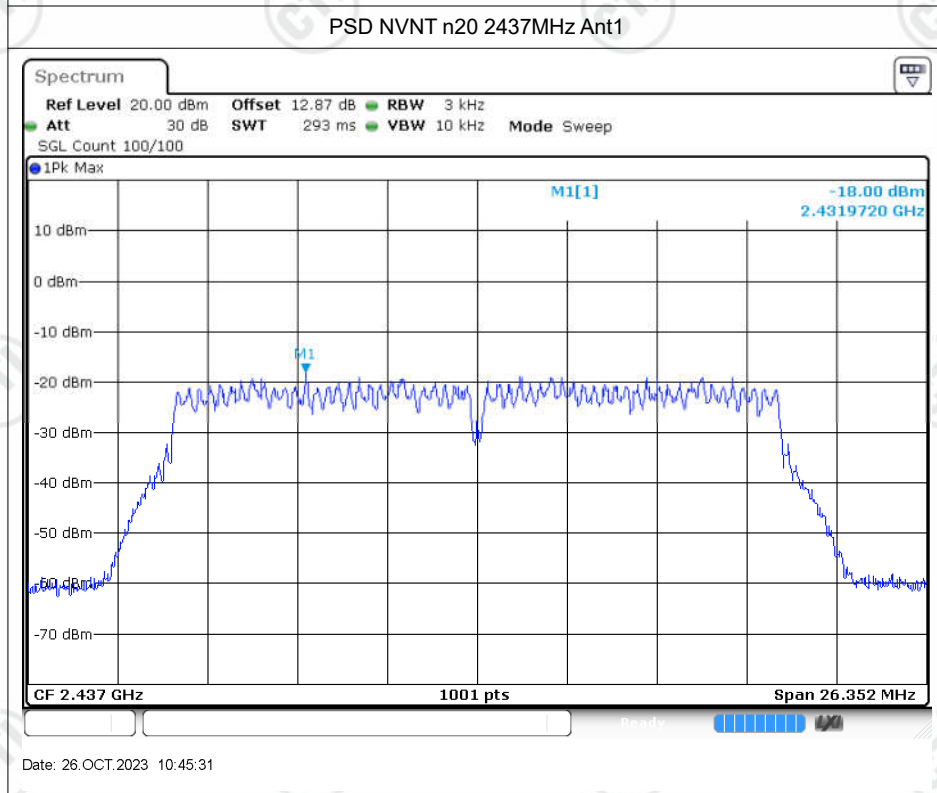


Date: 26.OCT.2023 10:34:44

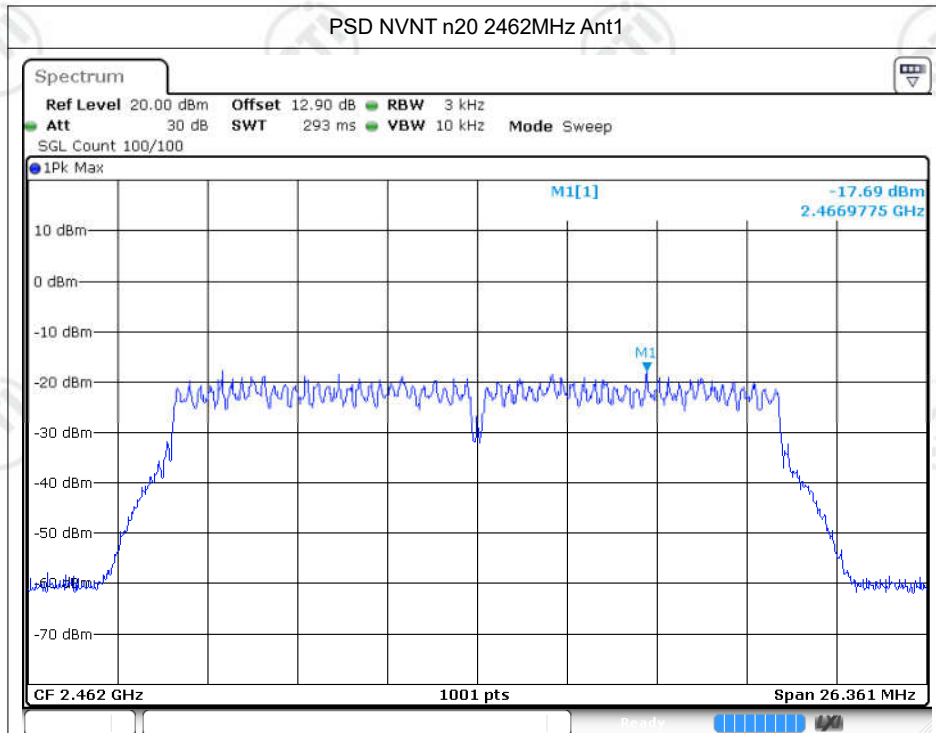




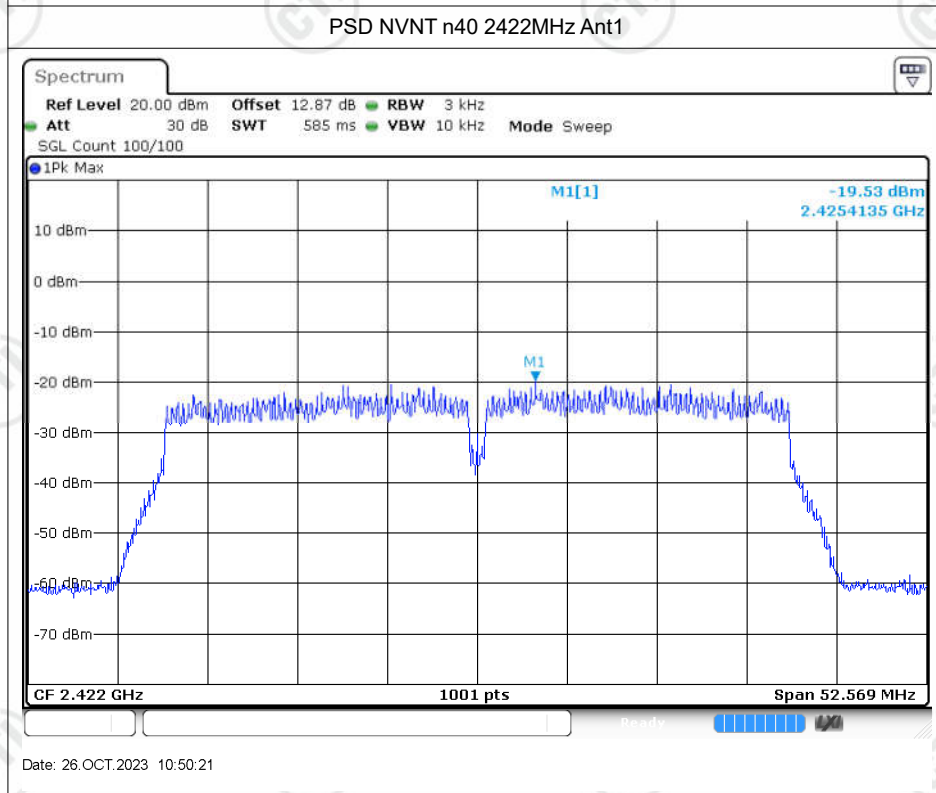
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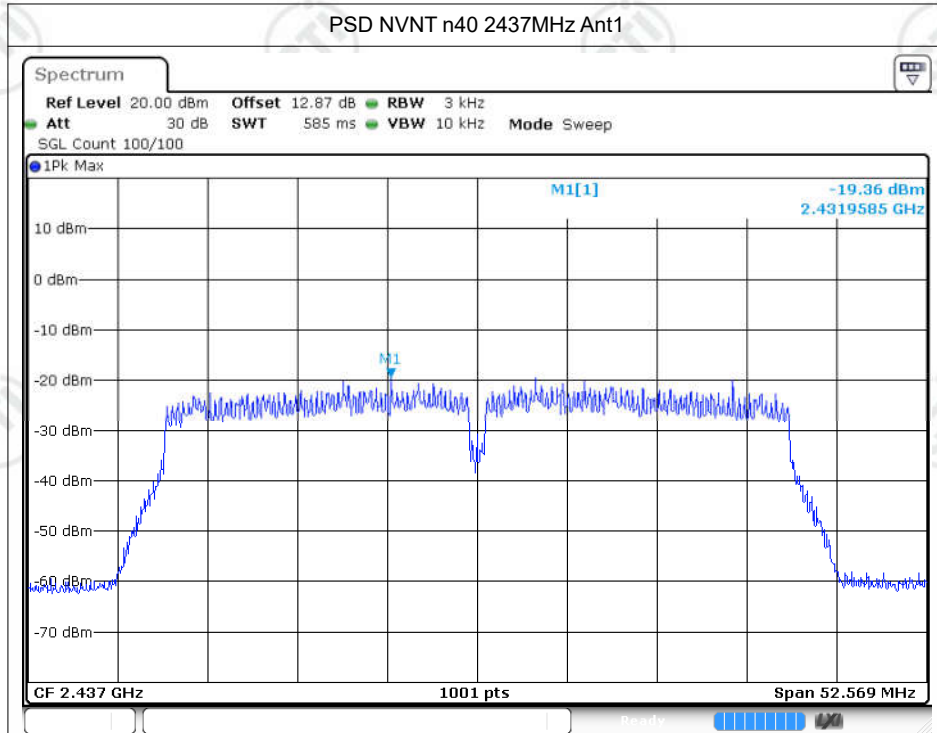
Date: 26.OCT.2023 10:45:31



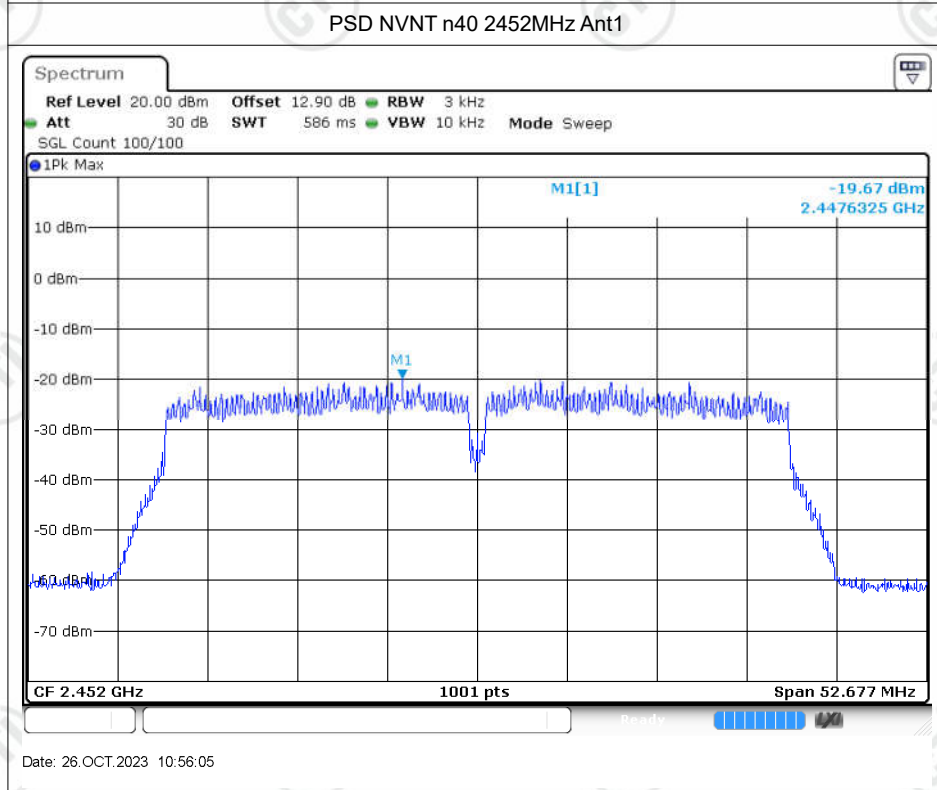
Date: 26.OCT.2023 10:47:40



Date: 26.OCT.2023 10:50:21



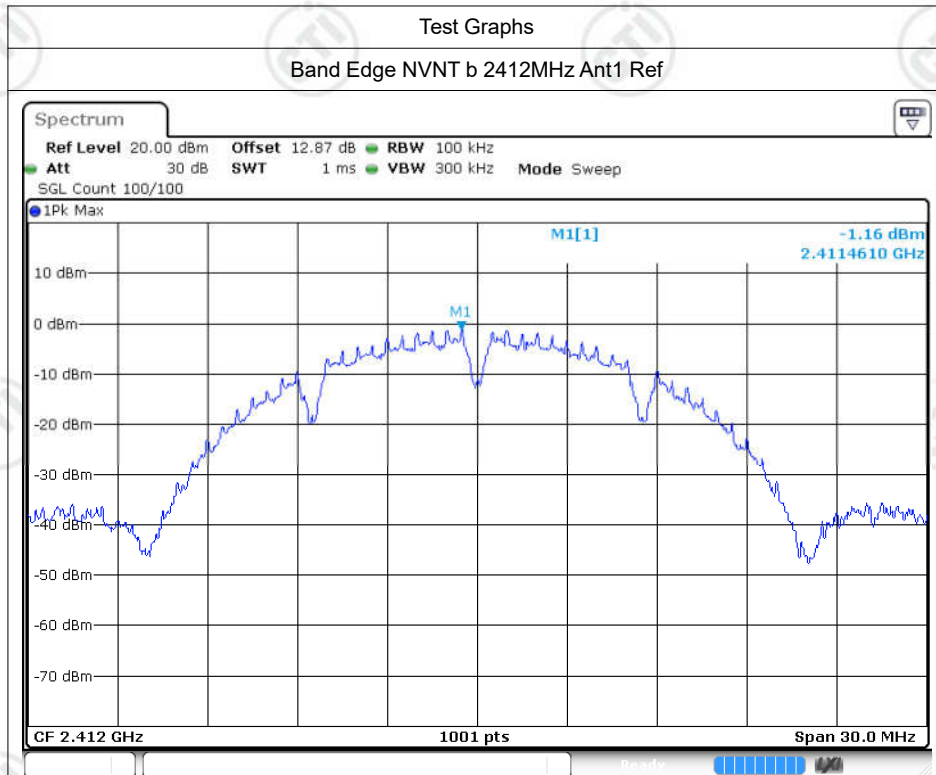
Date: 26.OCT.2023 10:52:53



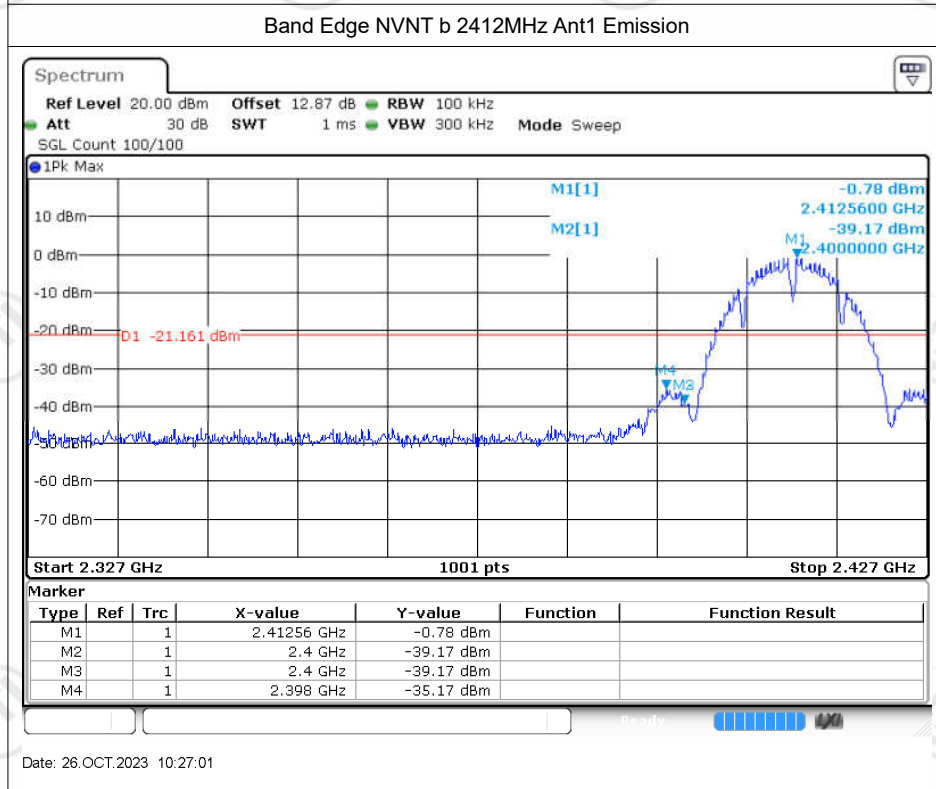
Date: 26.OCT.2023 10:56:05

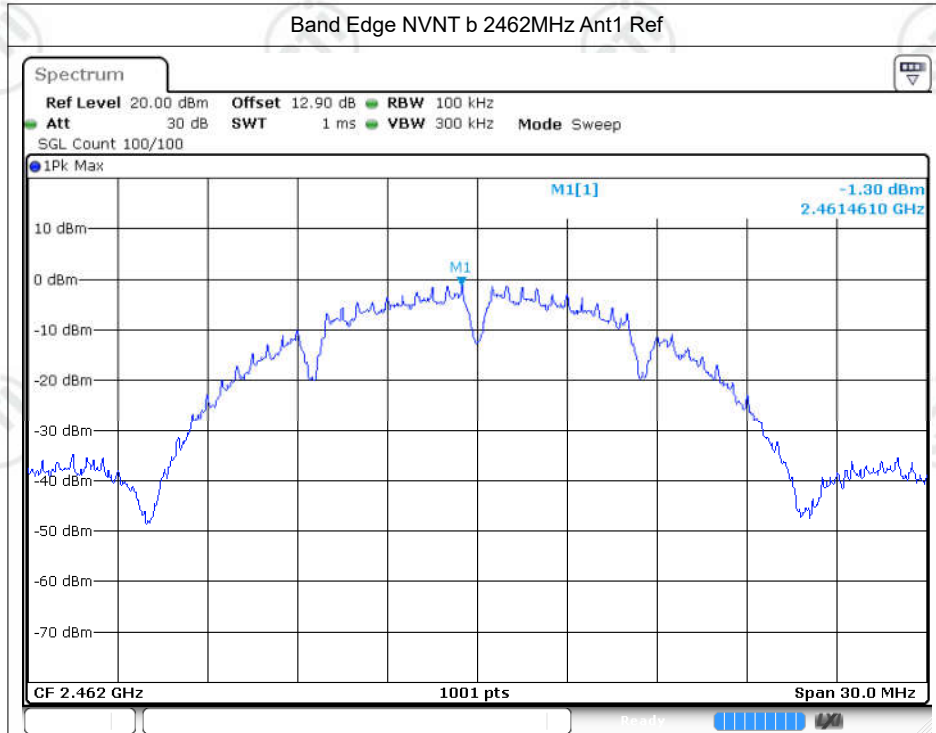
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-34.01	-20	Pass
NVNT	b	2462	Ant1	-43.59	-20	Pass
NVNT	g	2412	Ant1	-37.54	-20	Pass
NVNT	g	2462	Ant1	-42.25	-20	Pass
NVNT	n20	2412	Ant1	-38.49	-20	Pass
NVNT	n20	2462	Ant1	-39.43	-20	Pass
NVNT	n40	2422	Ant1	-39.1	-20	Pass
NVNT	n40	2452	Ant1	-40.01	-20	Pass

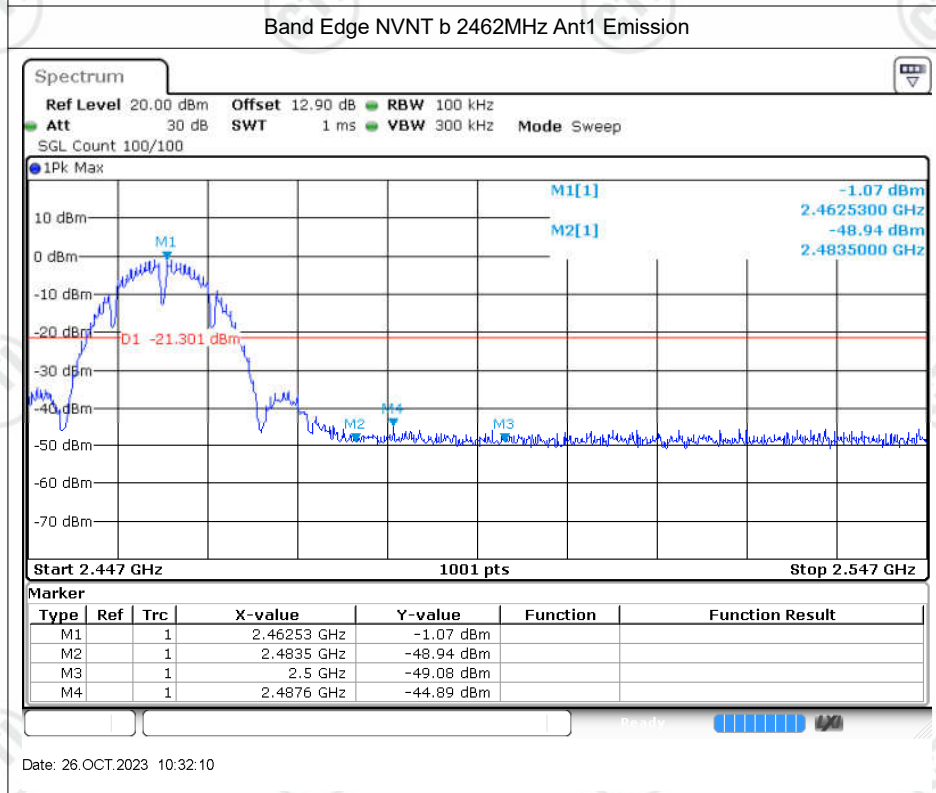


Date: 26.OCT.2023 10:27:00

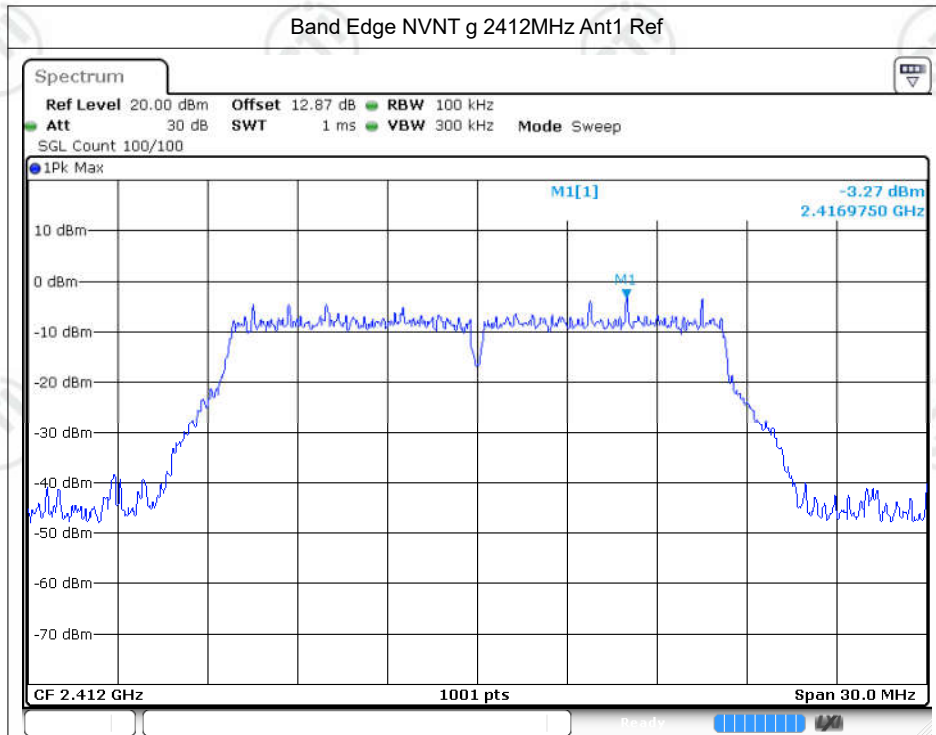




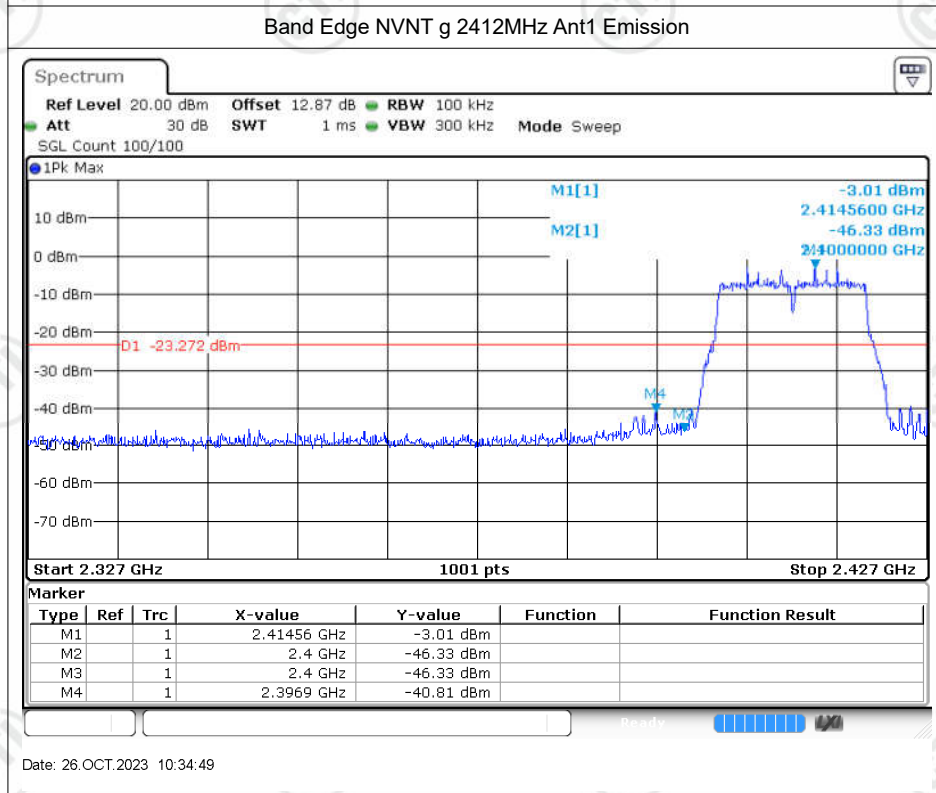
Date: 26.OCT.2023 10:32:09



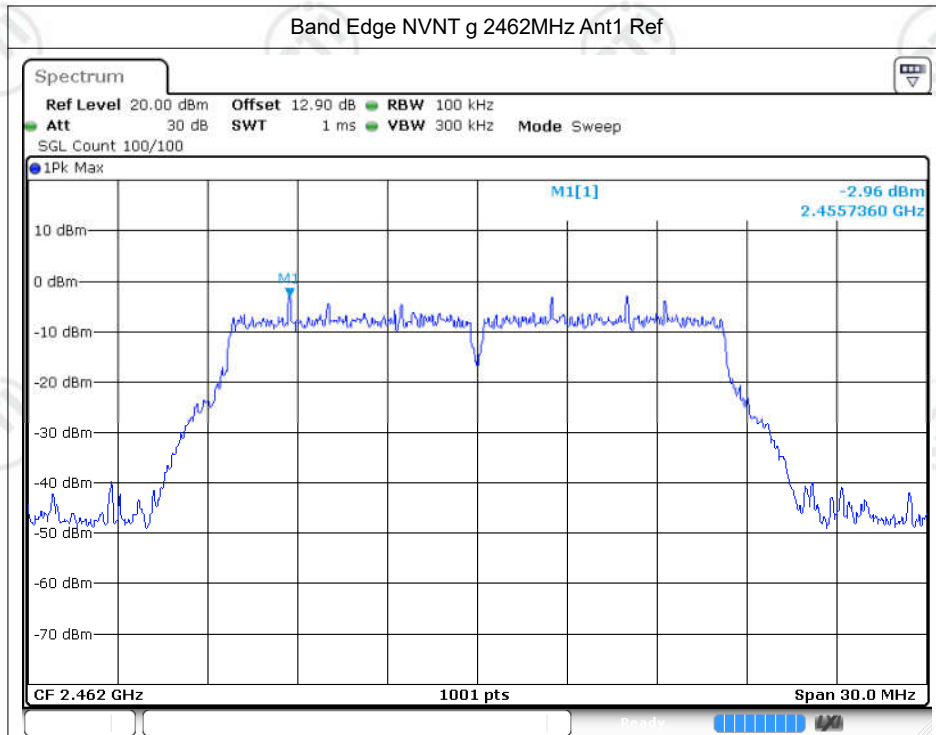
Date: 26.OCT.2023 10:32:10



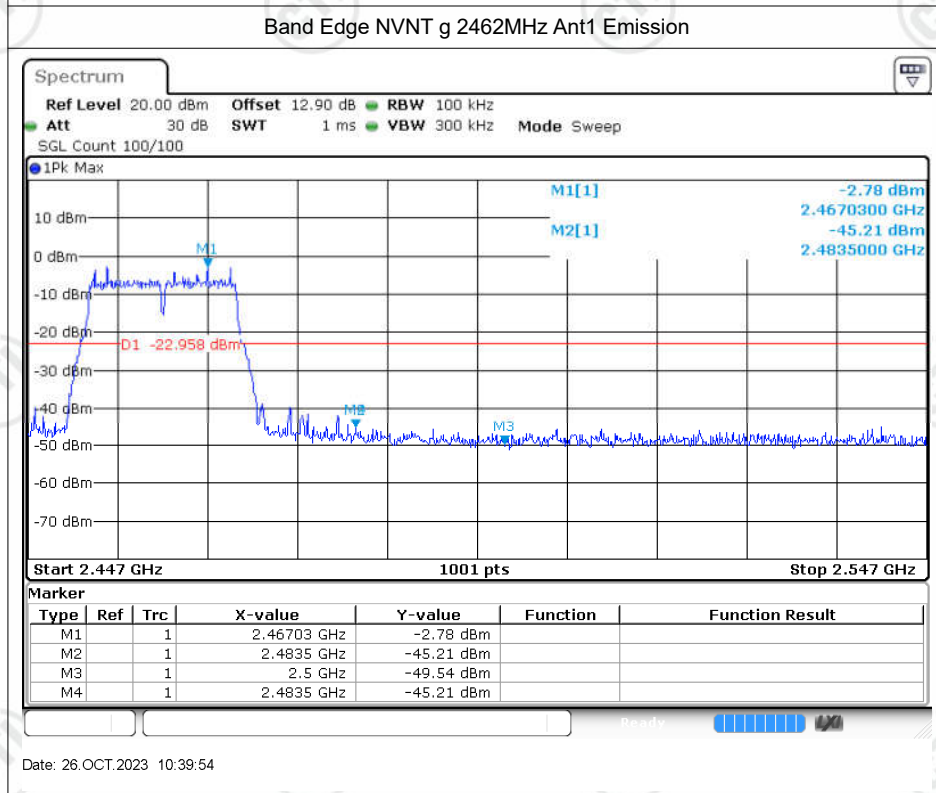
Date: 26.OCT.2023 10:34:48



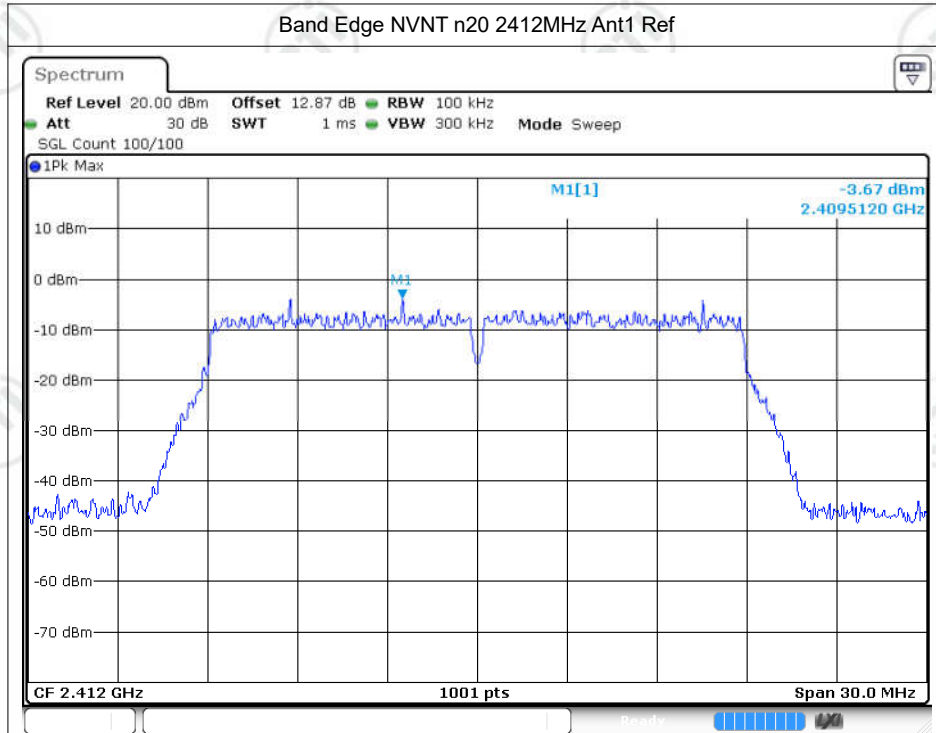
Date: 26.OCT.2023 10:34:49



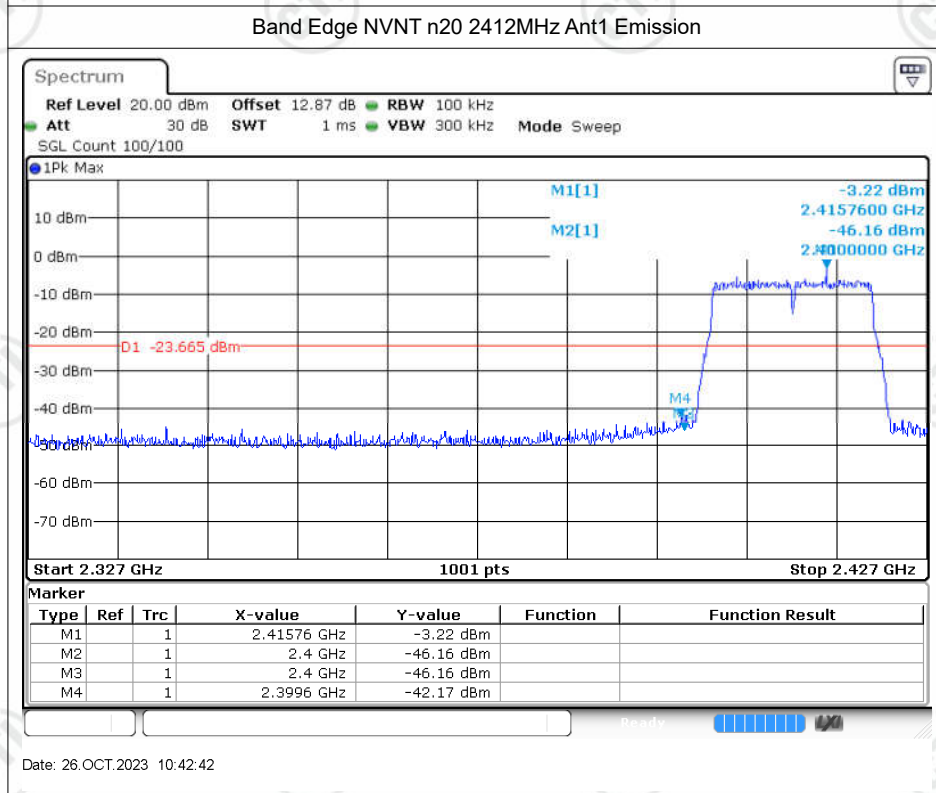
Date: 26.OCT.2023 10:39:53



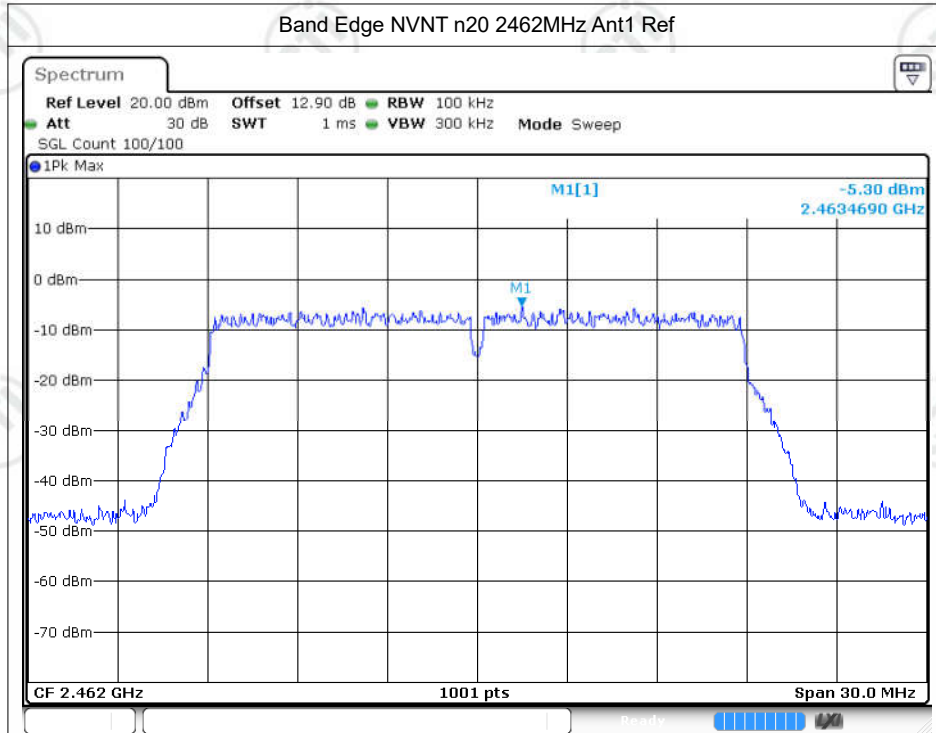
Date: 26.OCT.2023 10:39:54



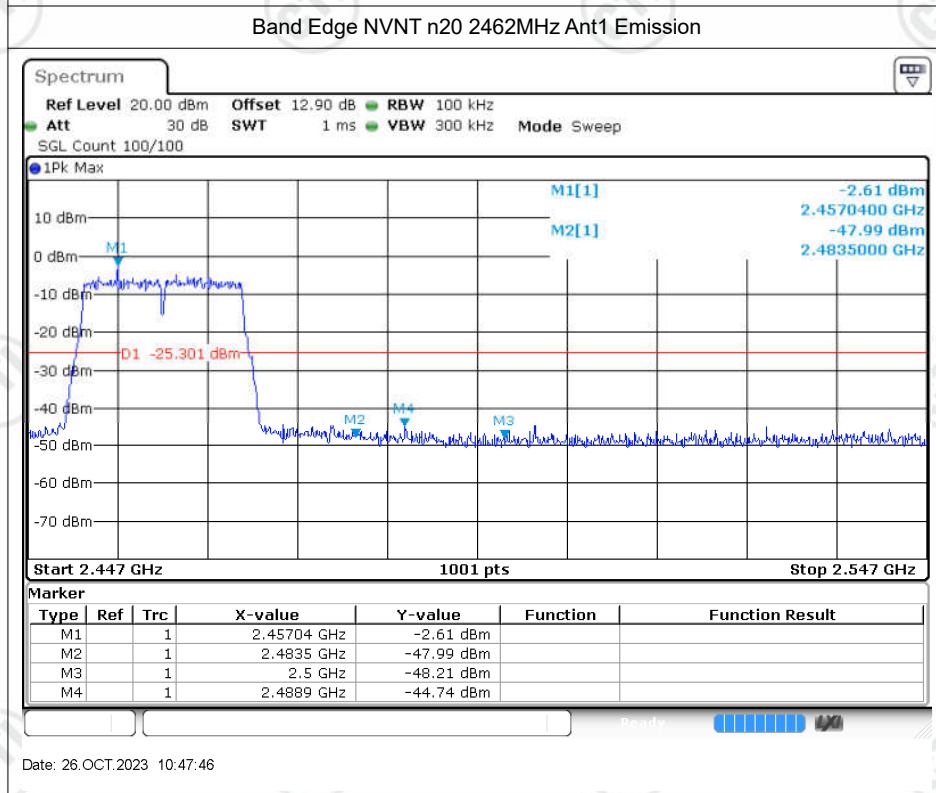
Date: 26.OCT.2023 10:42:41



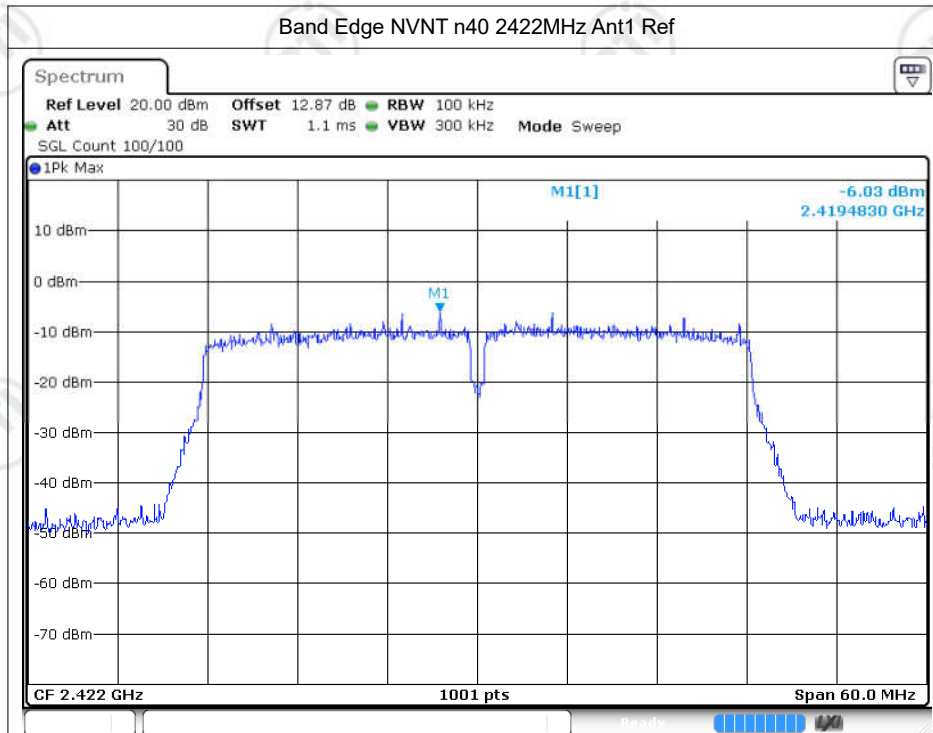
Date: 26.OCT.2023 10:42:42



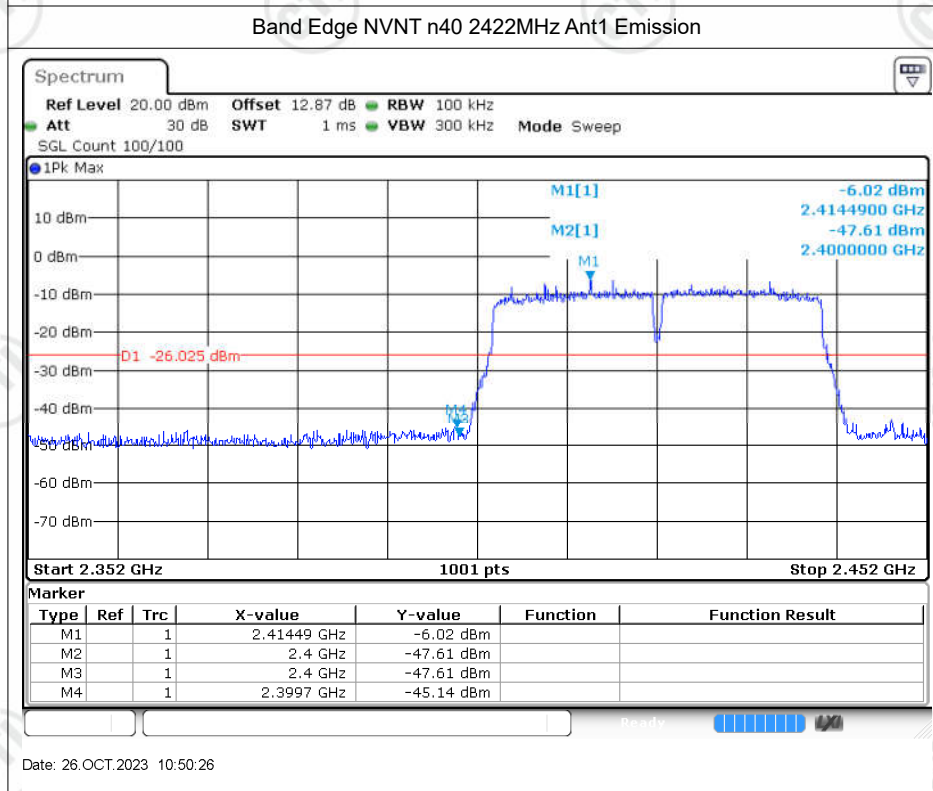
Date: 26.OCT.2023 10:47:44



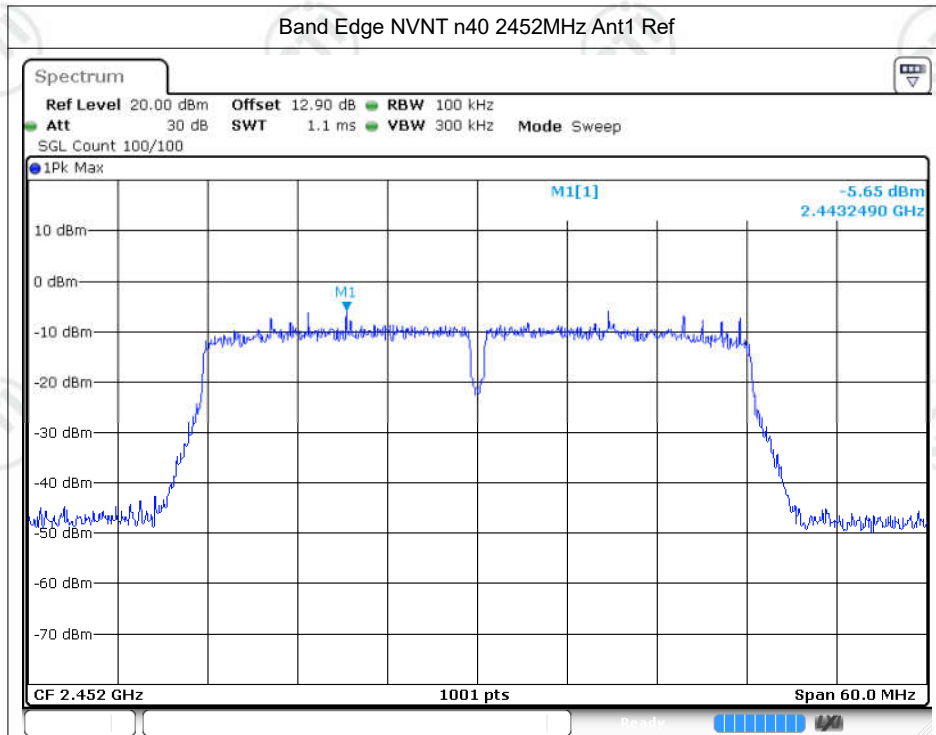
Date: 26.OCT.2023 10:47:46



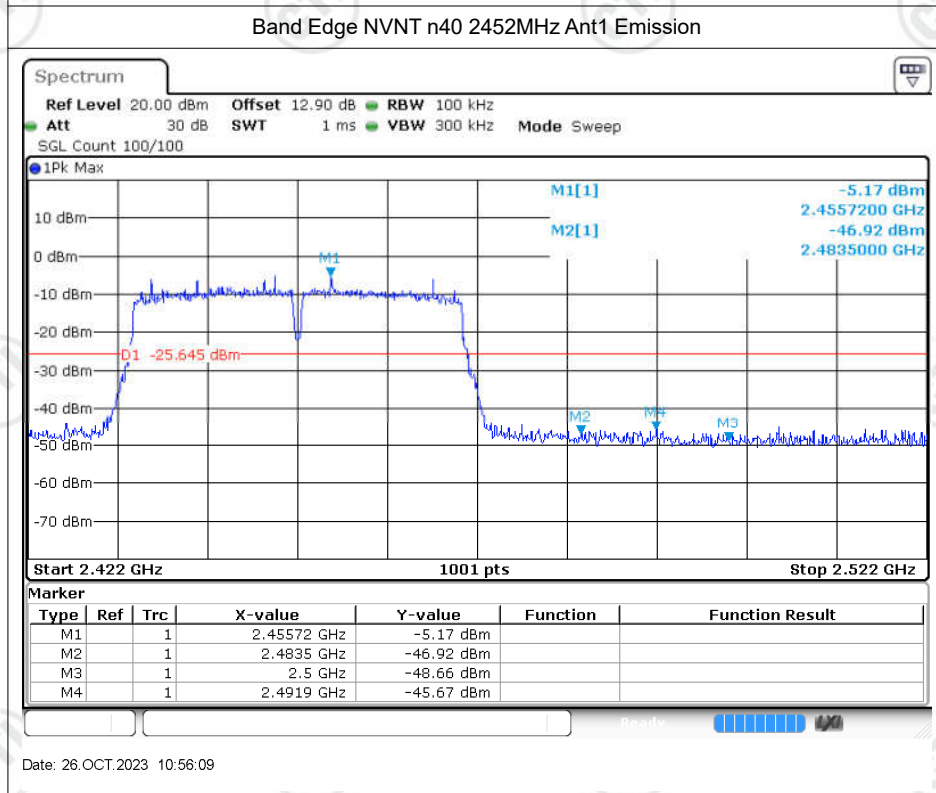
Date: 26.OCT.2023 10:50:24



Date: 26.OCT.2023 10:50:26



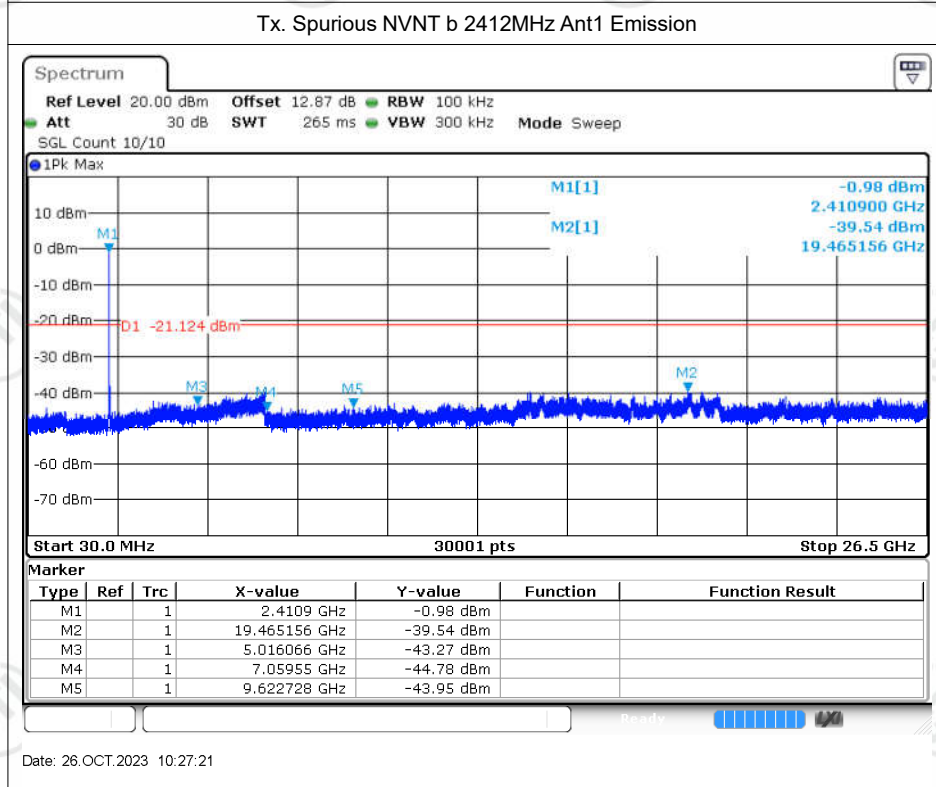
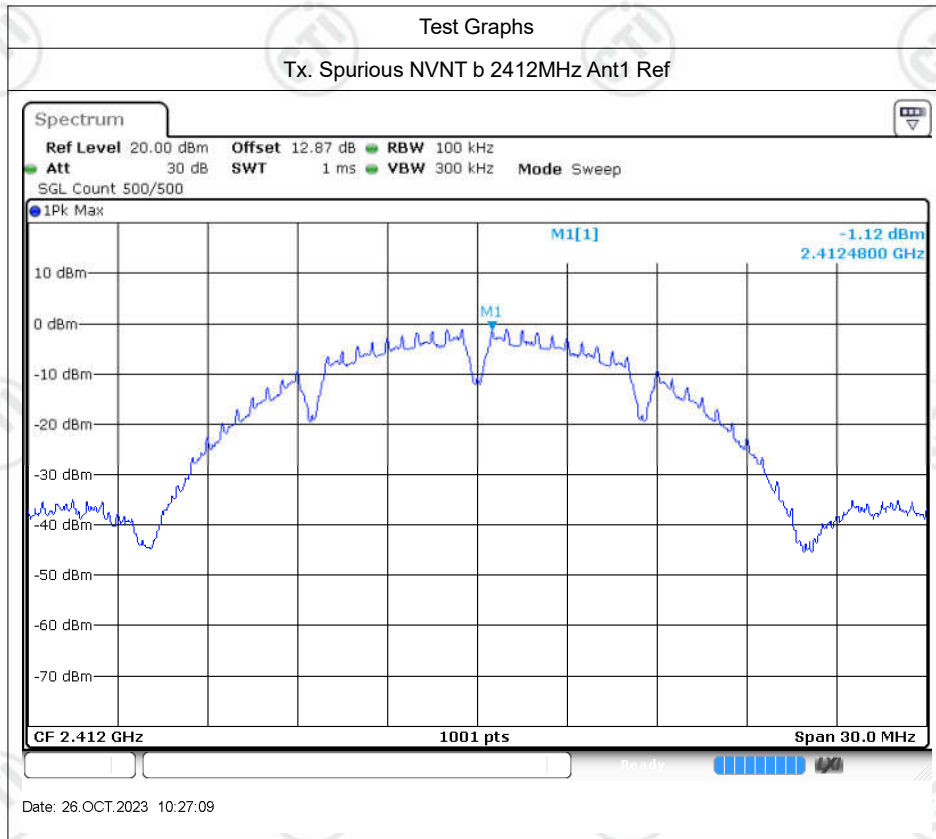
Date: 26.OCT.2023 10:56:08

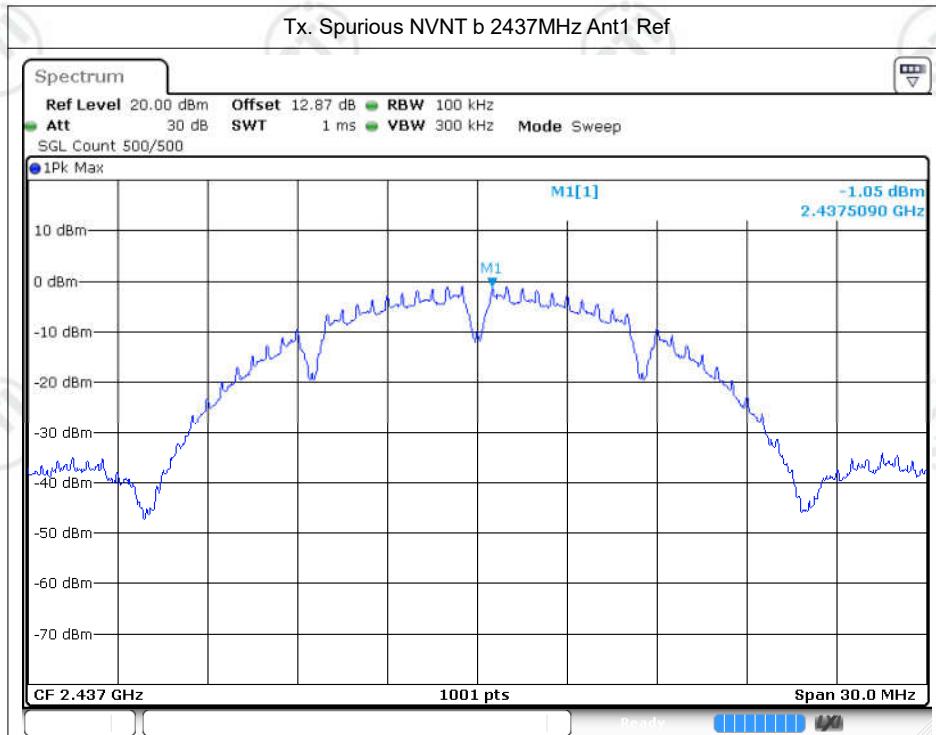


Date: 26.OCT.2023 10:56:09

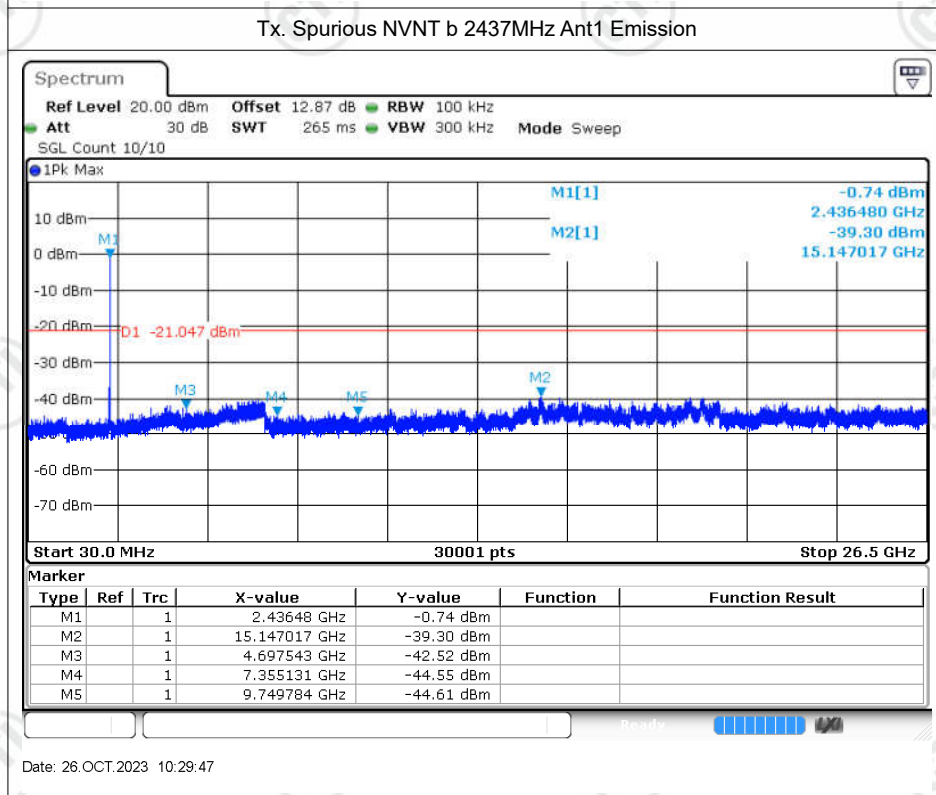
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-38.42	-20	Pass
NVNT	b	2437	Ant1	-38.25	-20	Pass
NVNT	b	2462	Ant1	-37.82	-20	Pass
NVNT	g	2412	Ant1	-36.45	-20	Pass
NVNT	g	2437	Ant1	-36.63	-20	Pass
NVNT	g	2462	Ant1	-36.59	-20	Pass
NVNT	n20	2412	Ant1	-34.68	-20	Pass
NVNT	n20	2437	Ant1	-36.06	-20	Pass
NVNT	n20	2462	Ant1	-35.54	-20	Pass
NVNT	n40	2422	Ant1	-34.22	-20	Pass
NVNT	n40	2437	Ant1	-33.47	-20	Pass
NVNT	n40	2452	Ant1	-34.8	-20	Pass

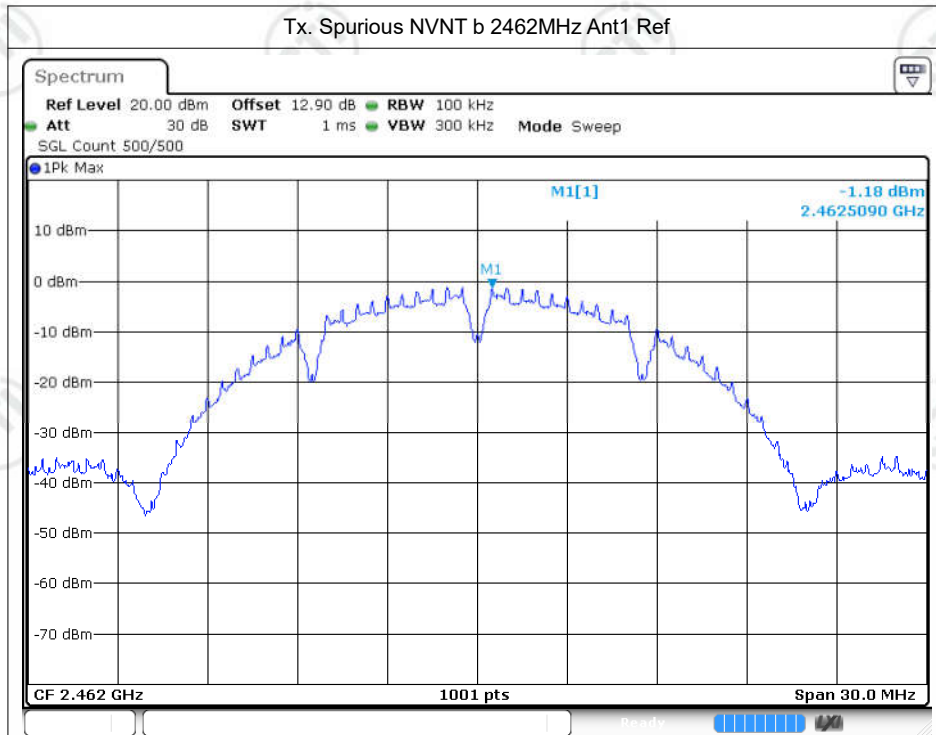




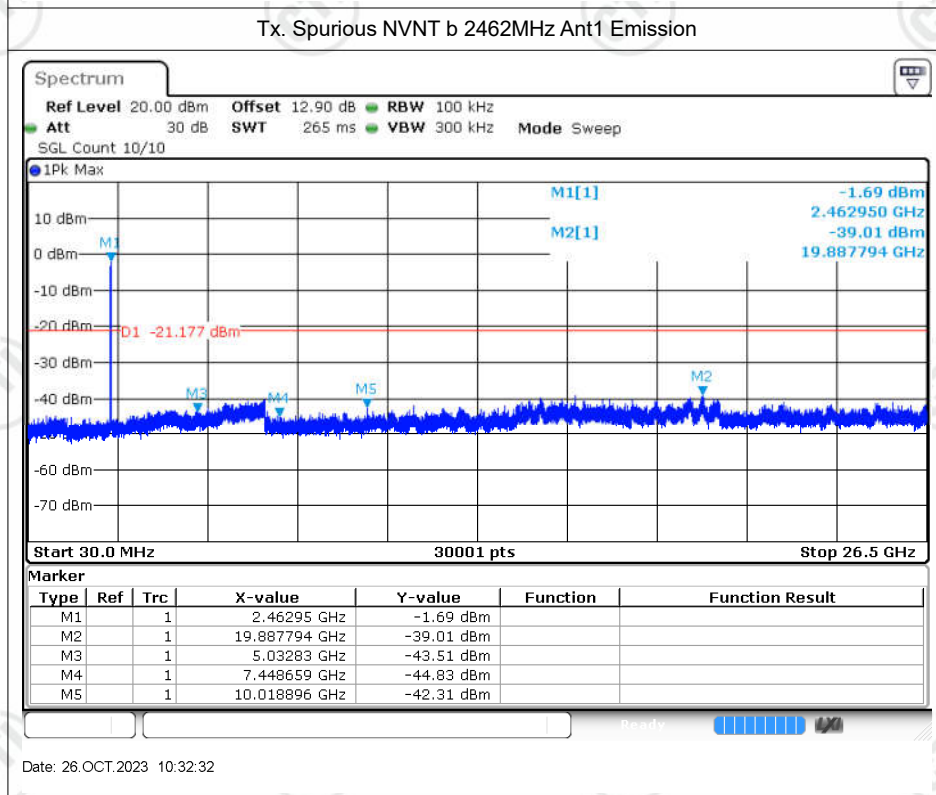
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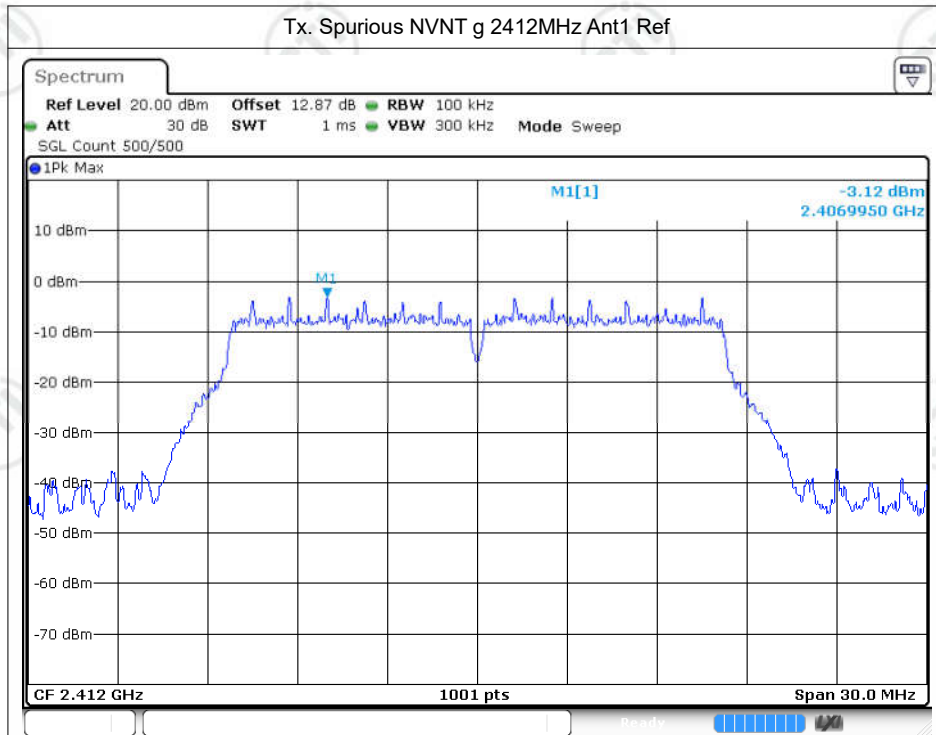
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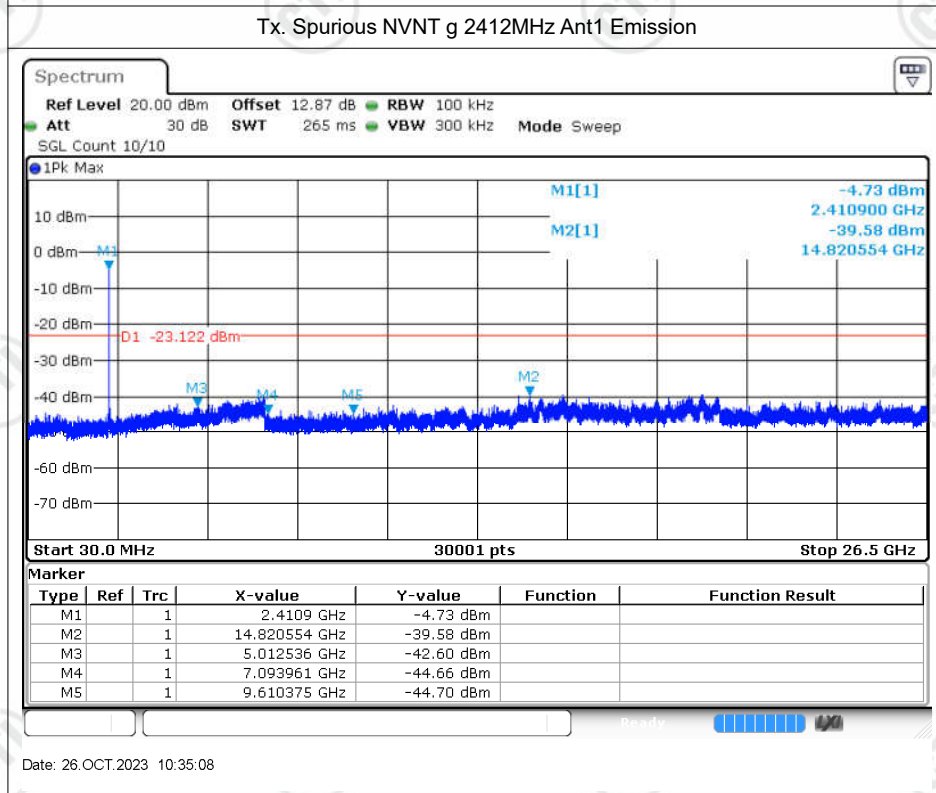
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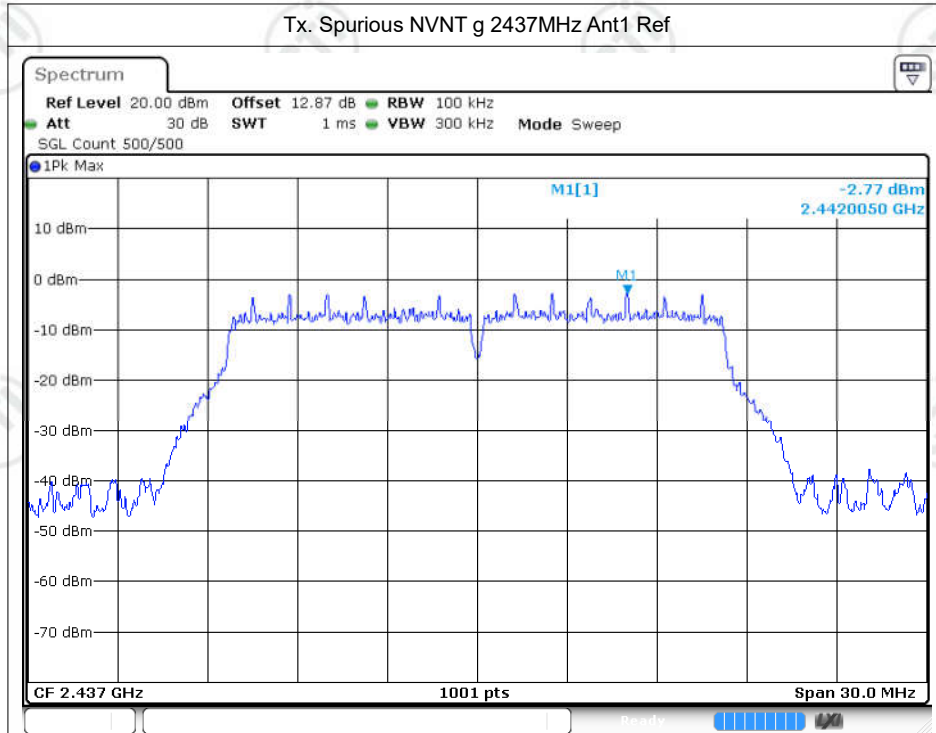
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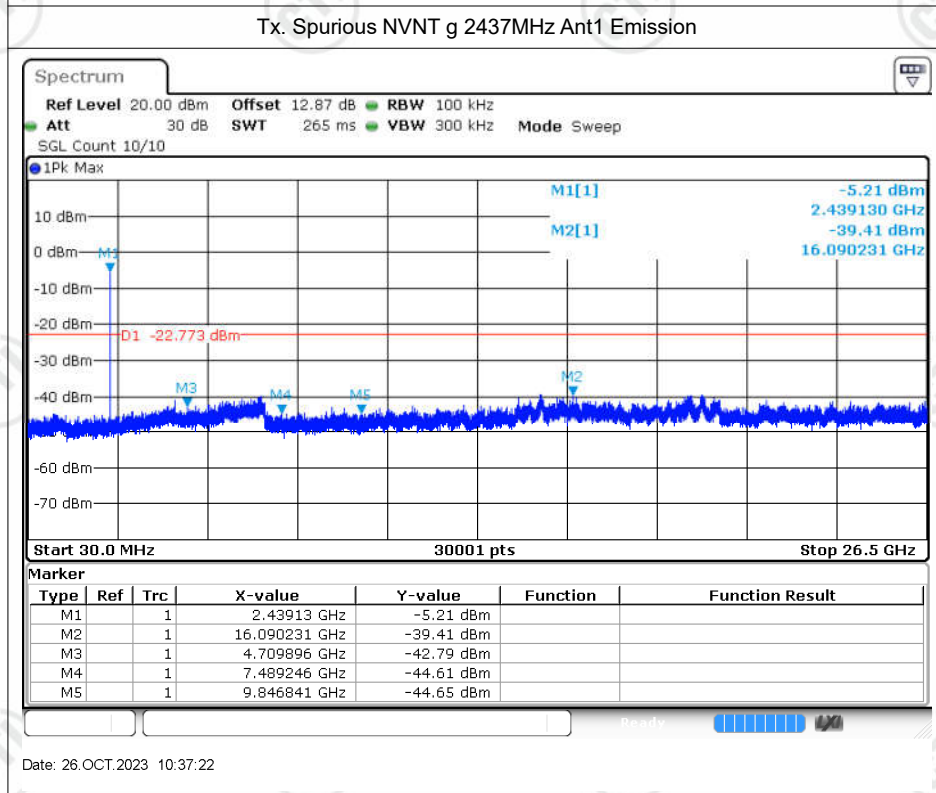
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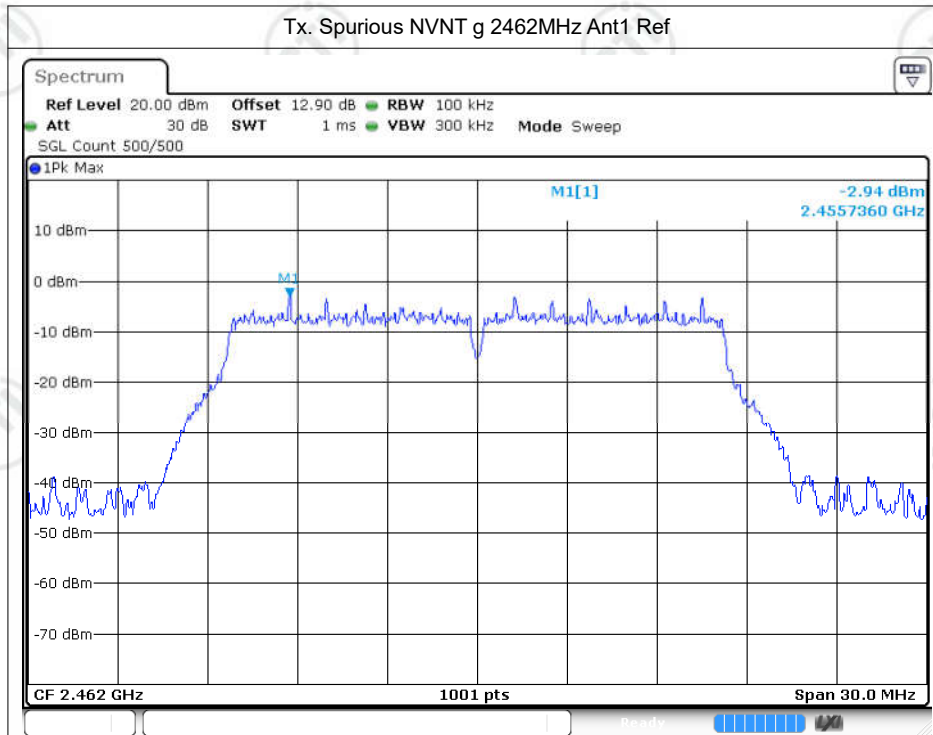
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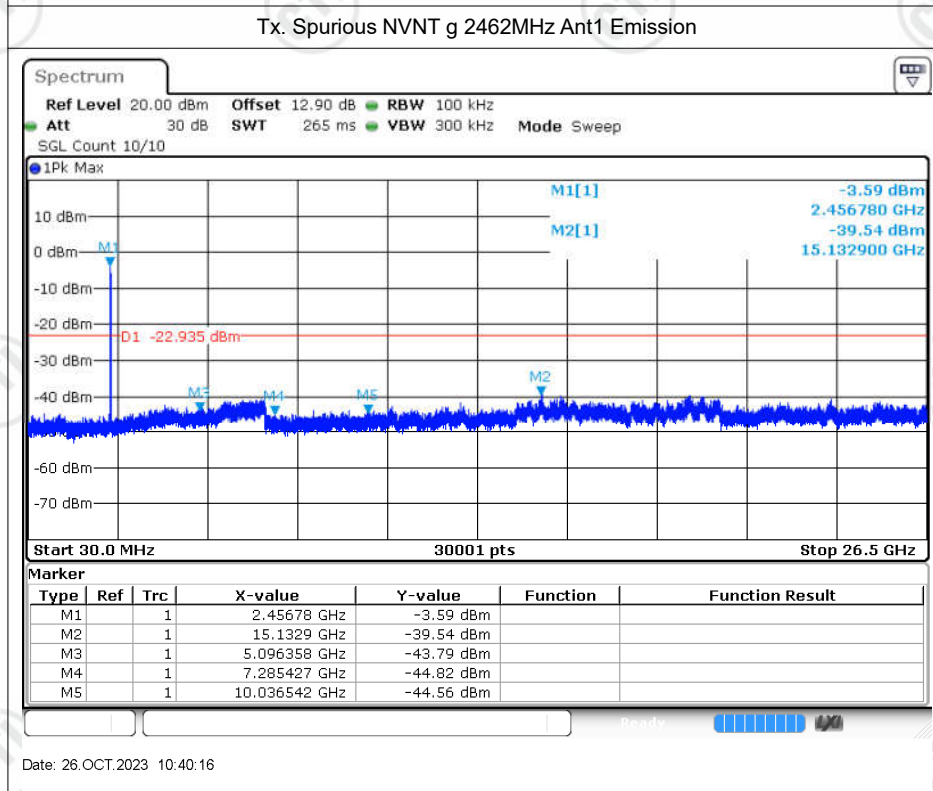
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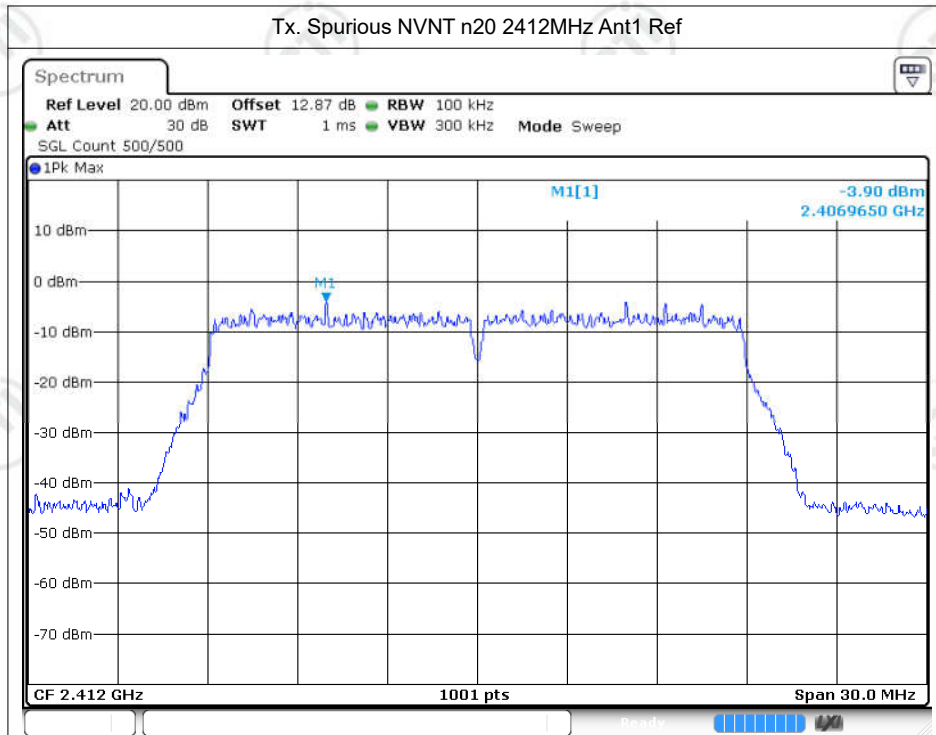
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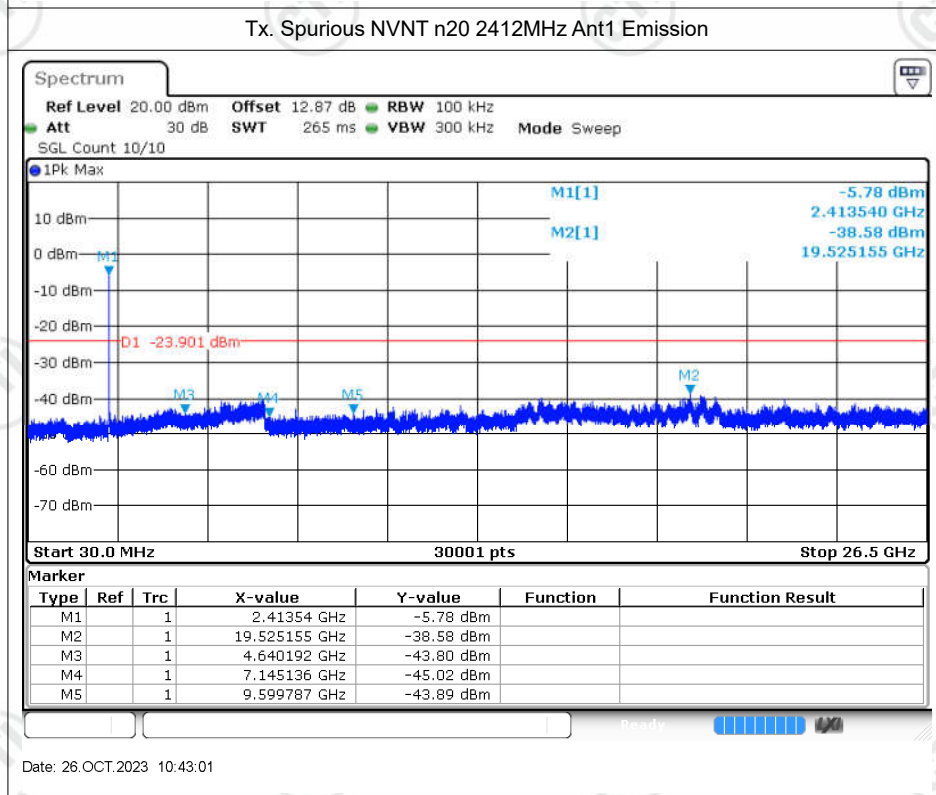
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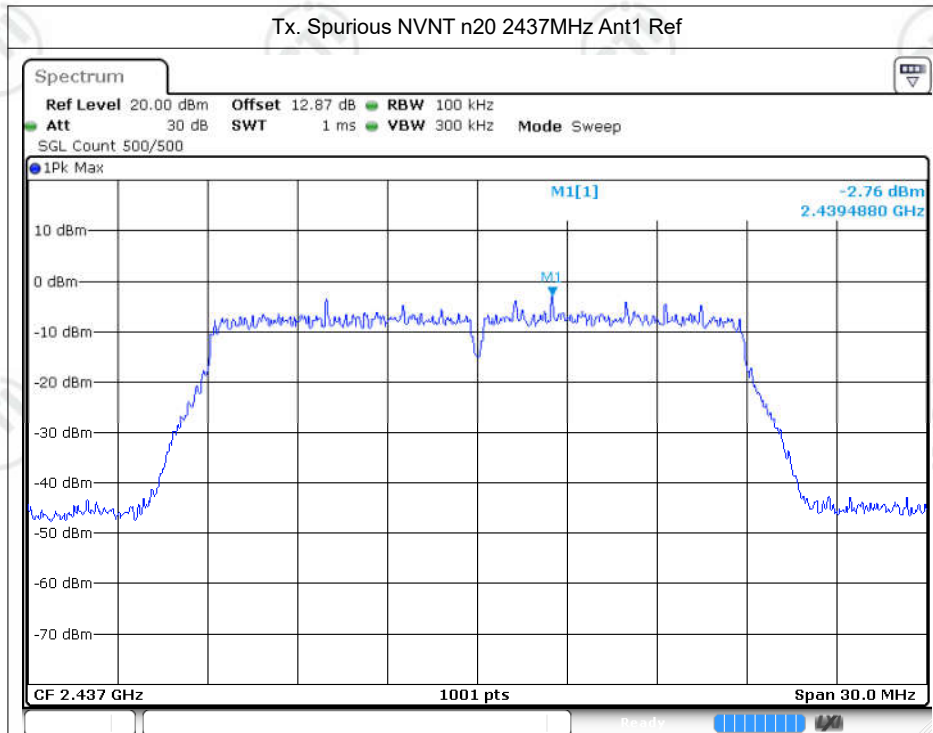
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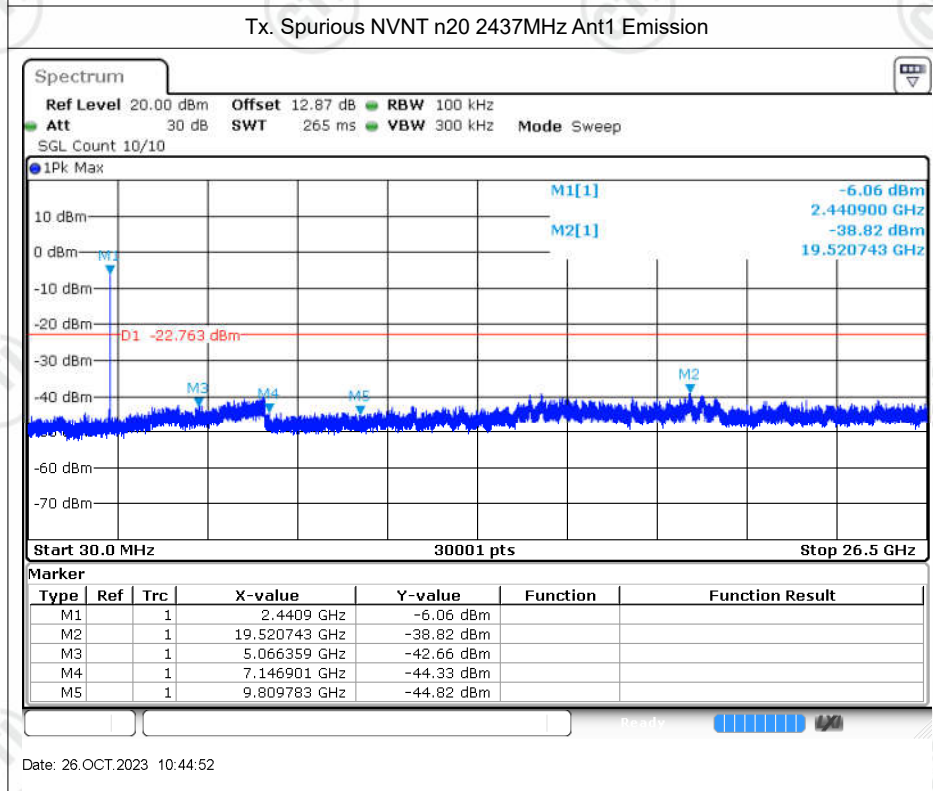
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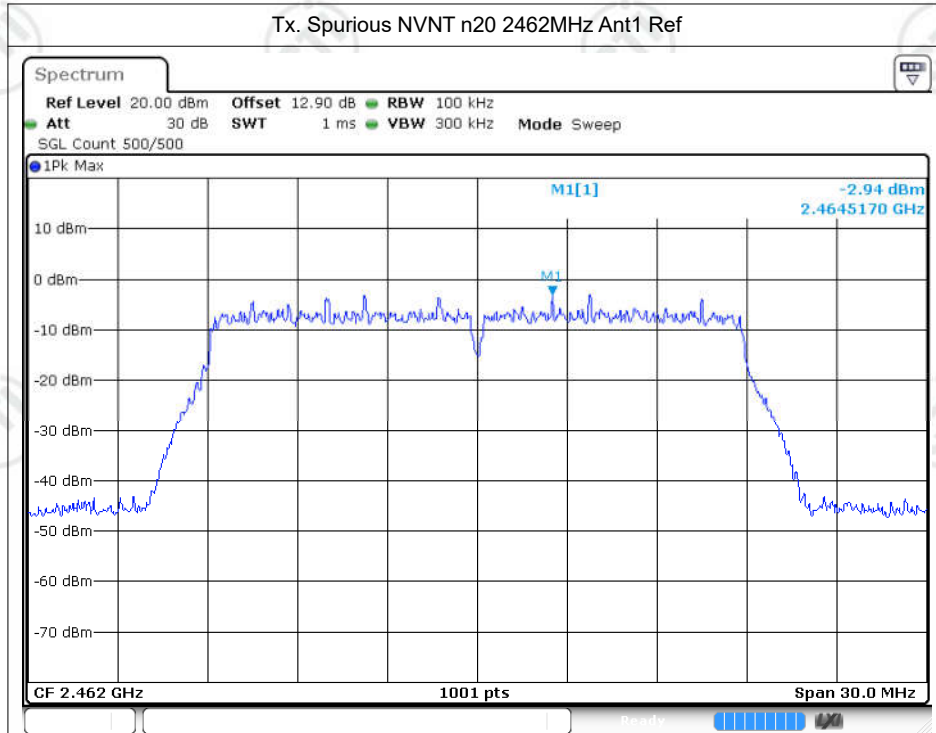
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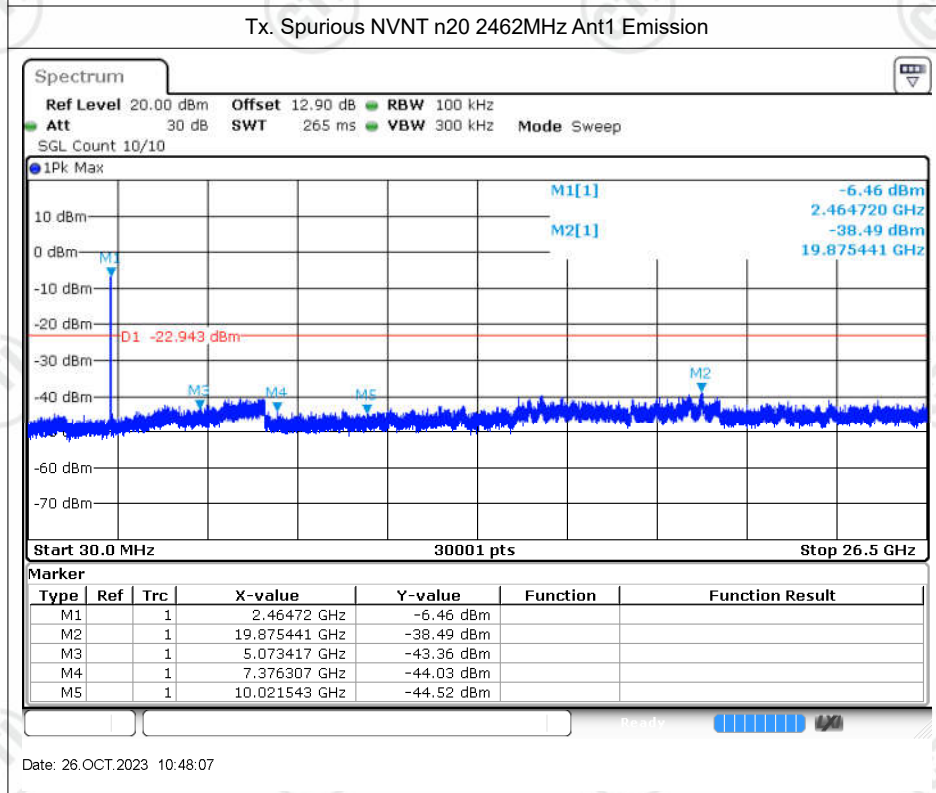
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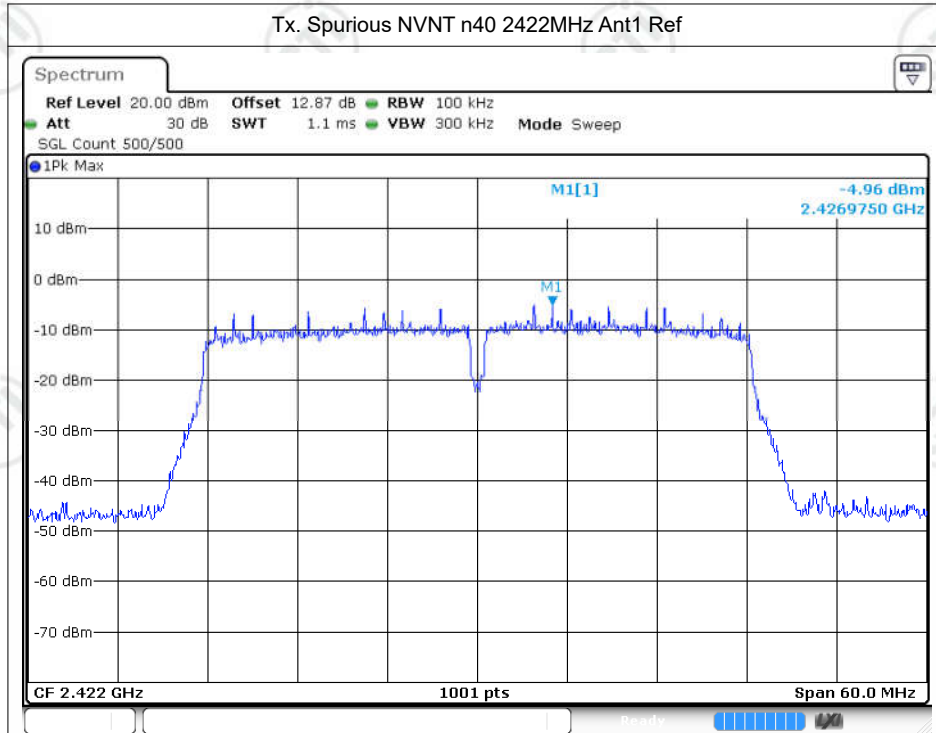
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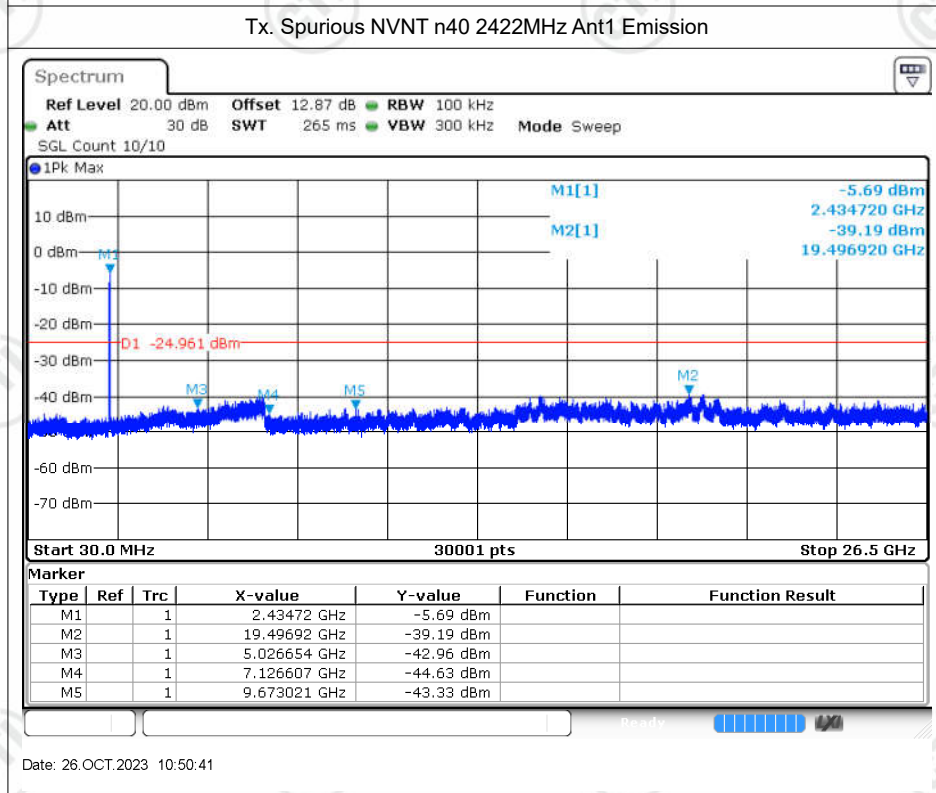
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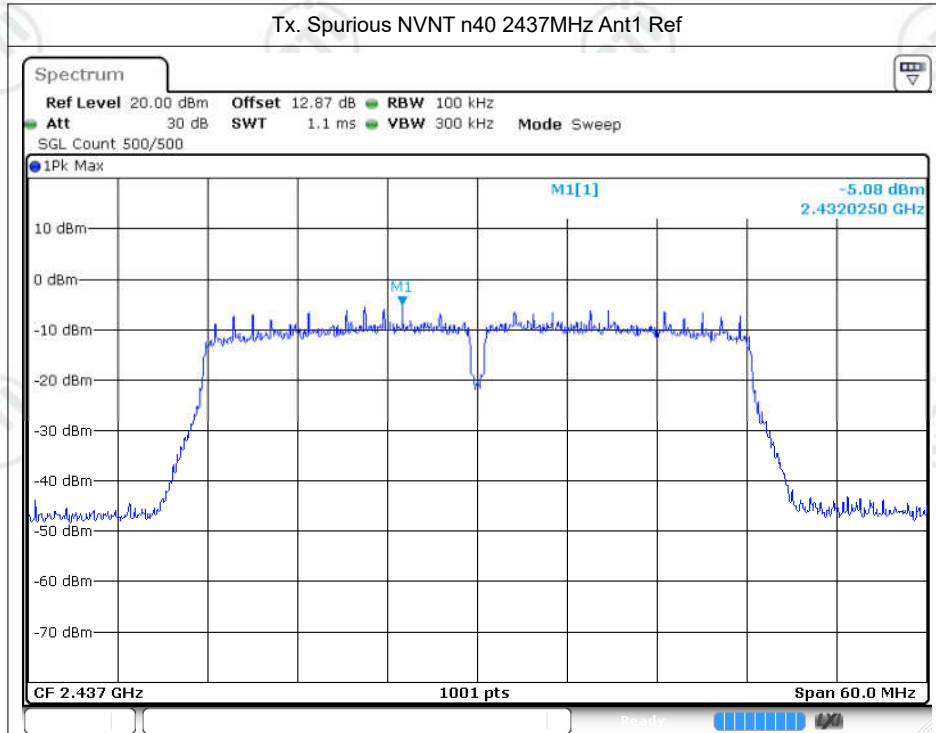
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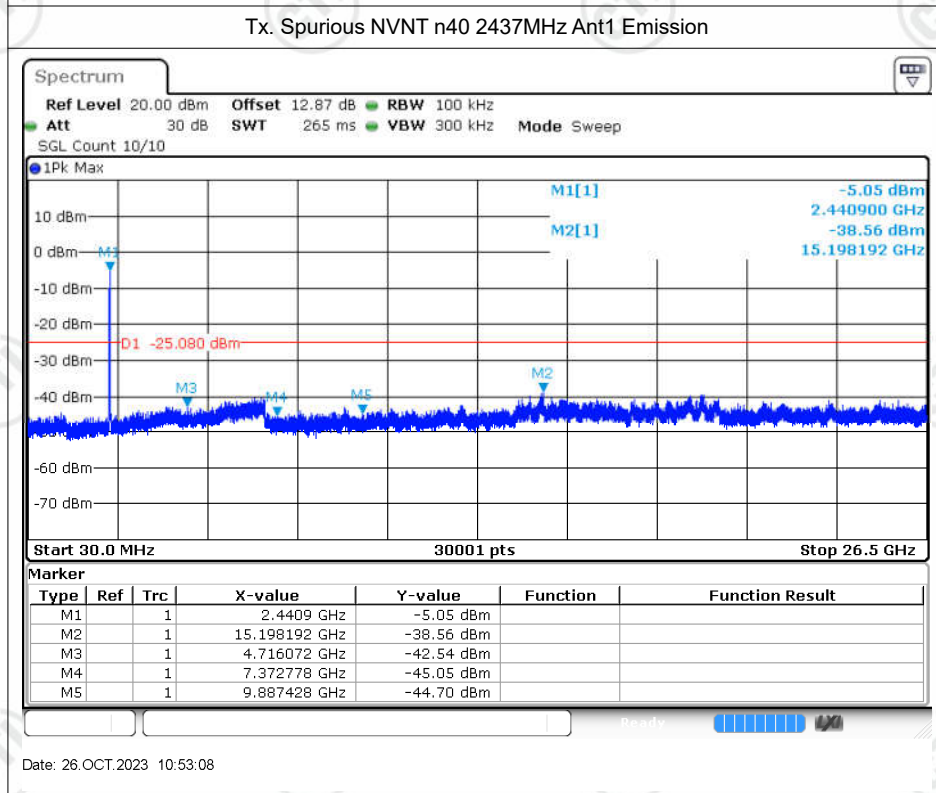
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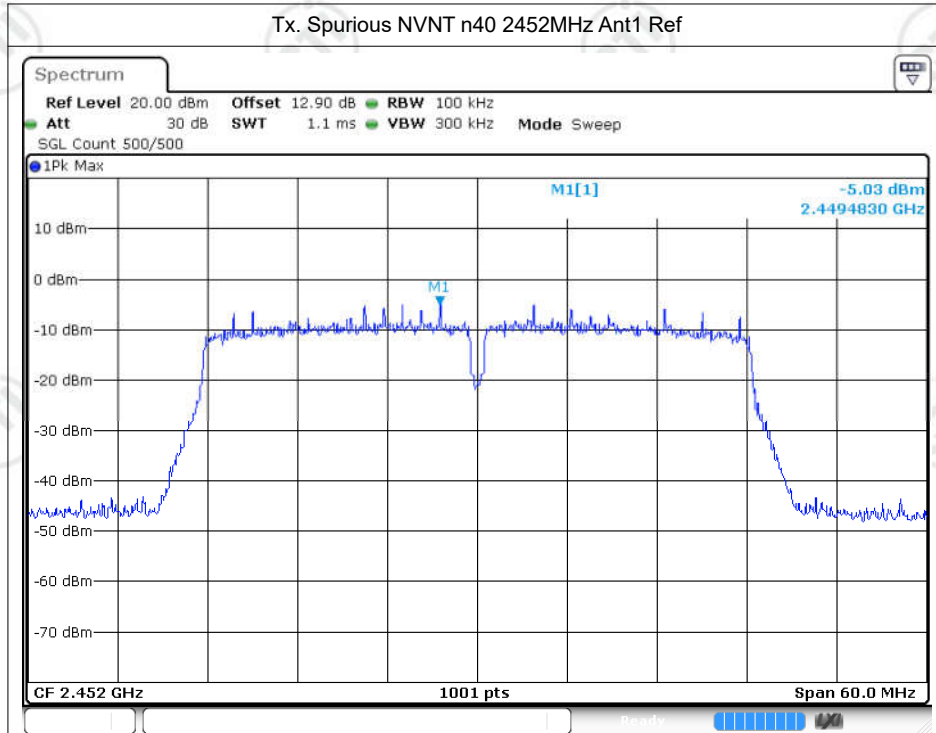
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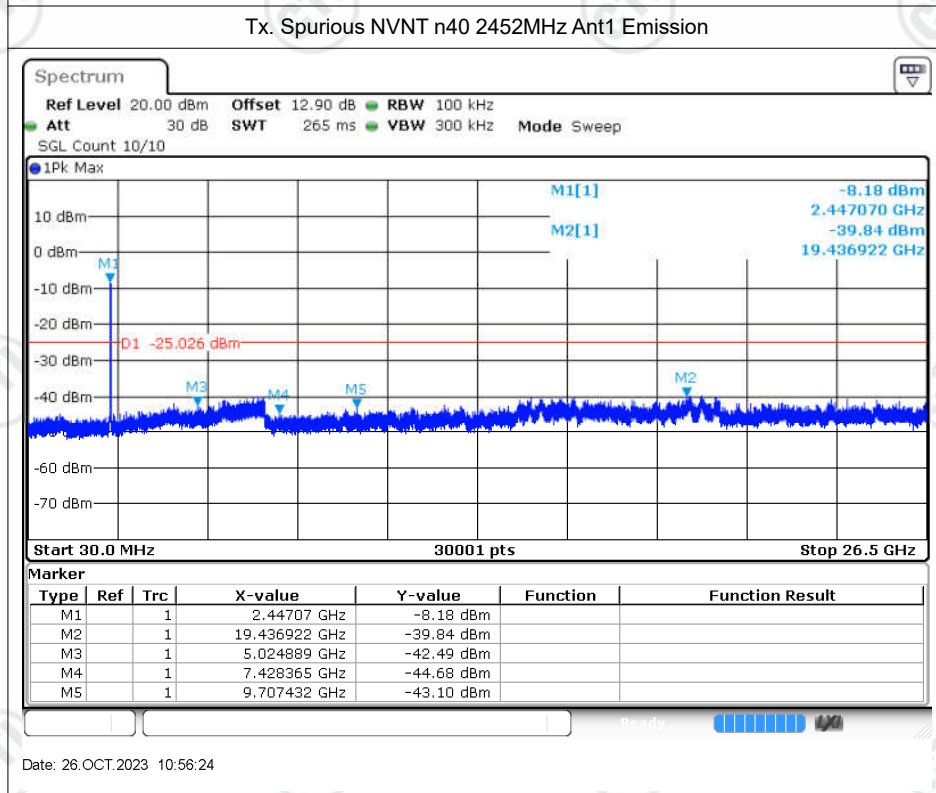
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END OF REPORT