

Appendix: 2.4G Wi-Fi

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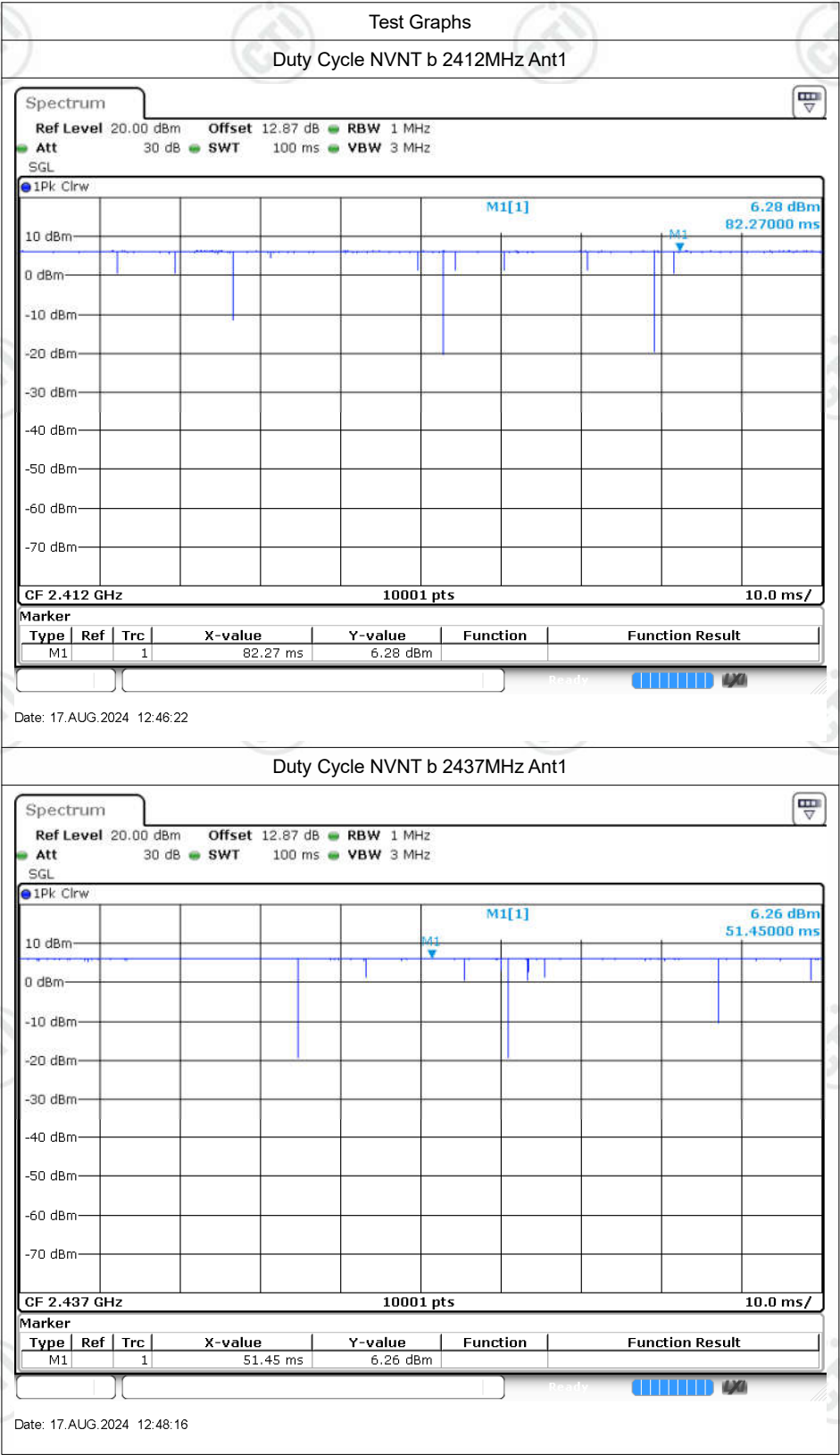
Band Edge 28

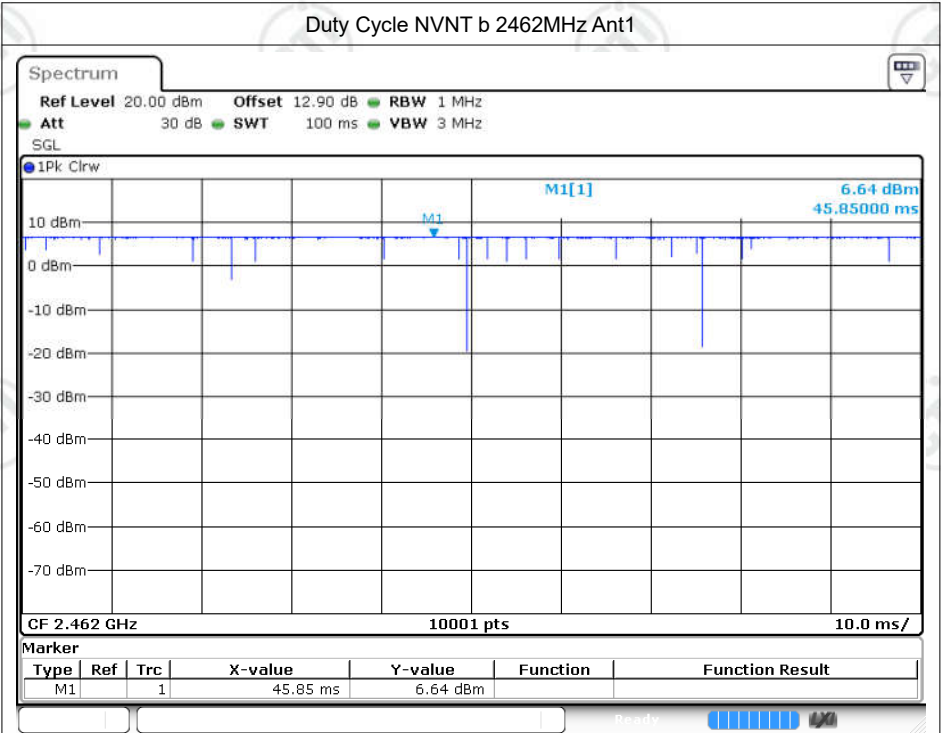
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Duty Cycle

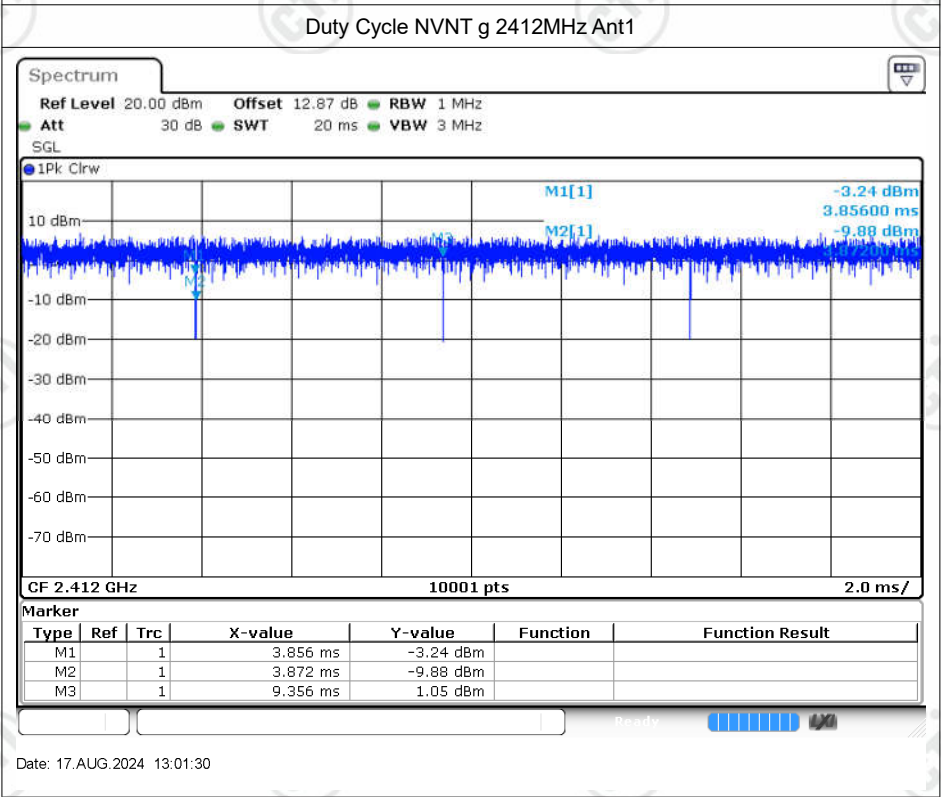
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	100	0	0
NVNT	b	2437	Ant1	100	0	0
NVNT	b	2462	Ant1	100	0	0
NVNT	g	2412	Ant1	99.71	0	0.18
NVNT	g	2437	Ant1	99.71	0	0.18
NVNT	g	2462	Ant1	99.6	0	0.18
NVNT	n20	2412	Ant1	99.69	0	0.2
NVNT	n20	2437	Ant1	99.69	0	0.2
NVNT	n20	2462	Ant1	99.69	0	0.2

Note:Duty Cycle Correction Factor (dB)=-10*Duty Cycle;

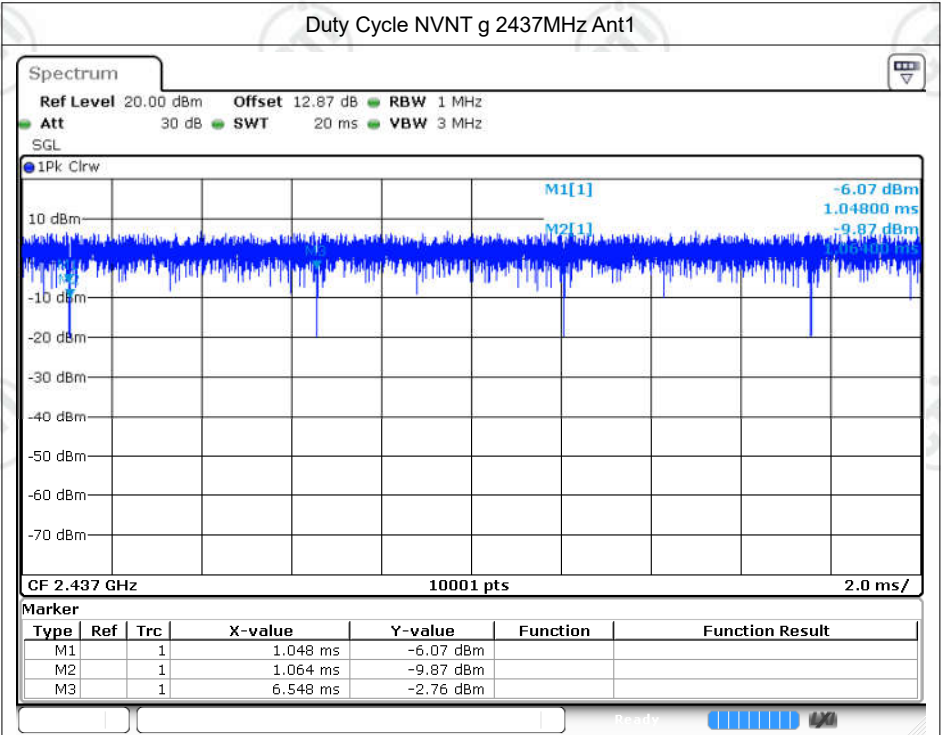




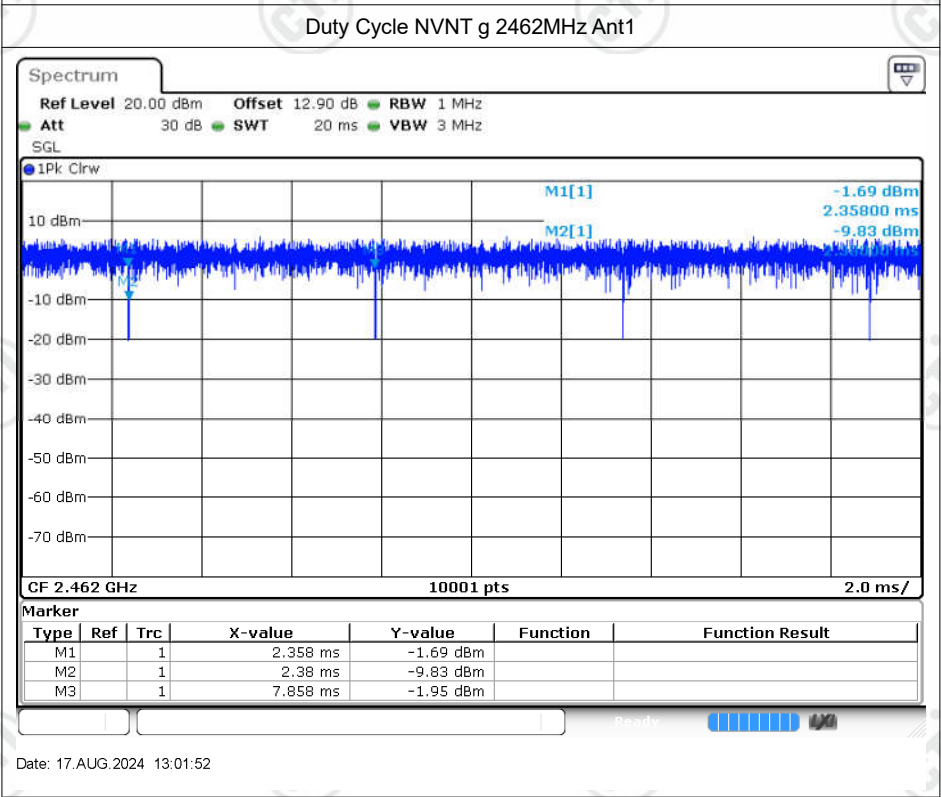
Date: 17.AUG.2024 12:43:32



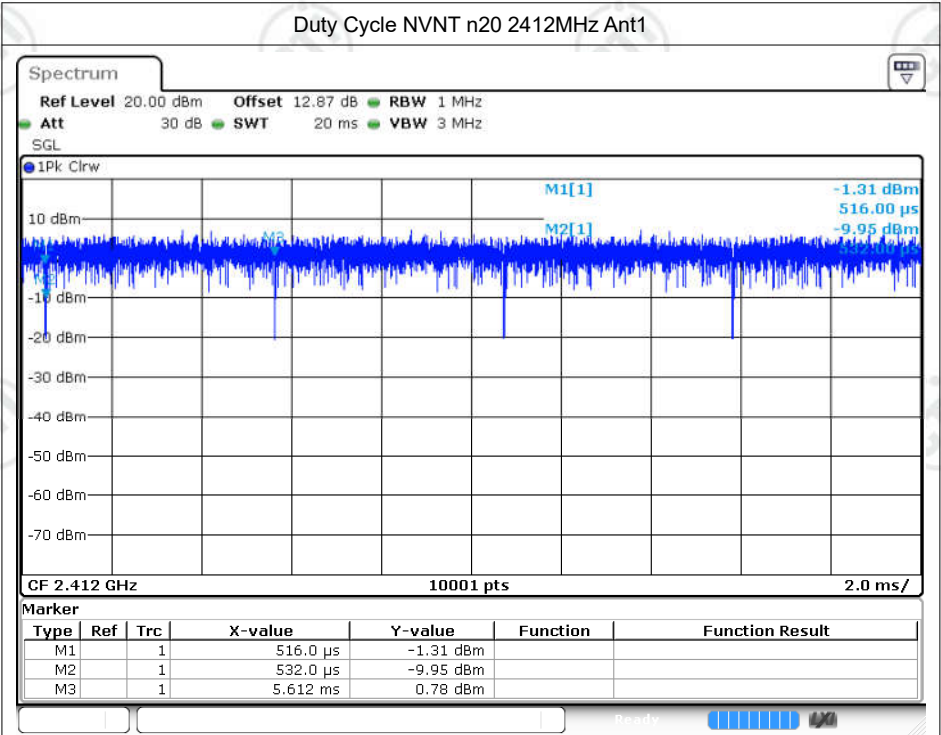
Date: 17.AUG.2024 13:01:30



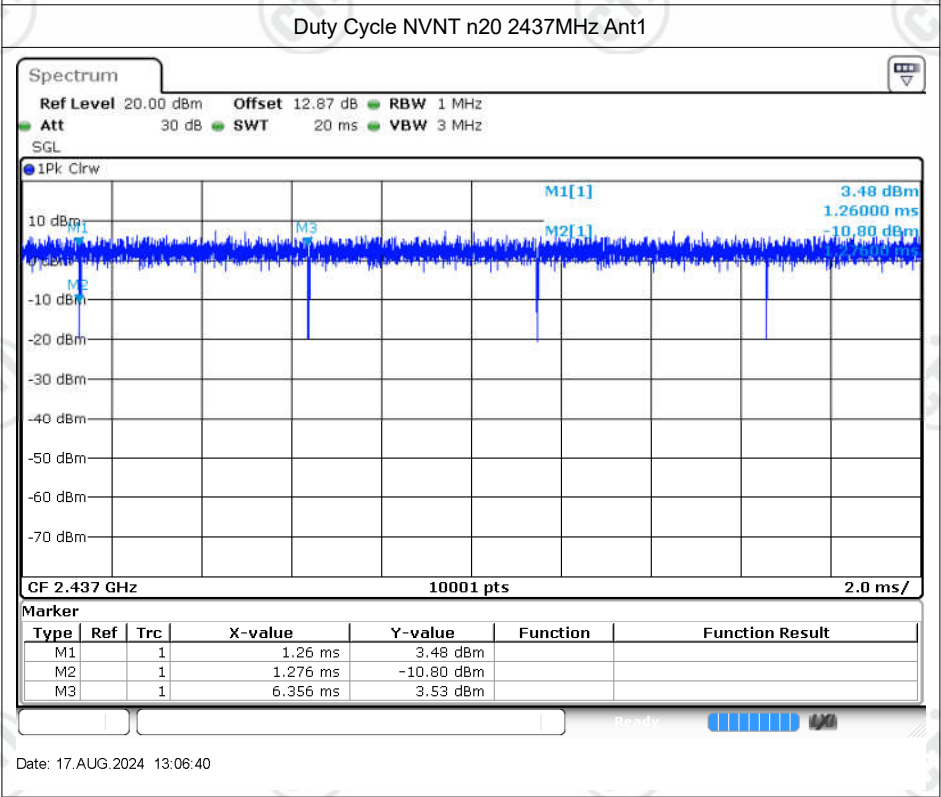
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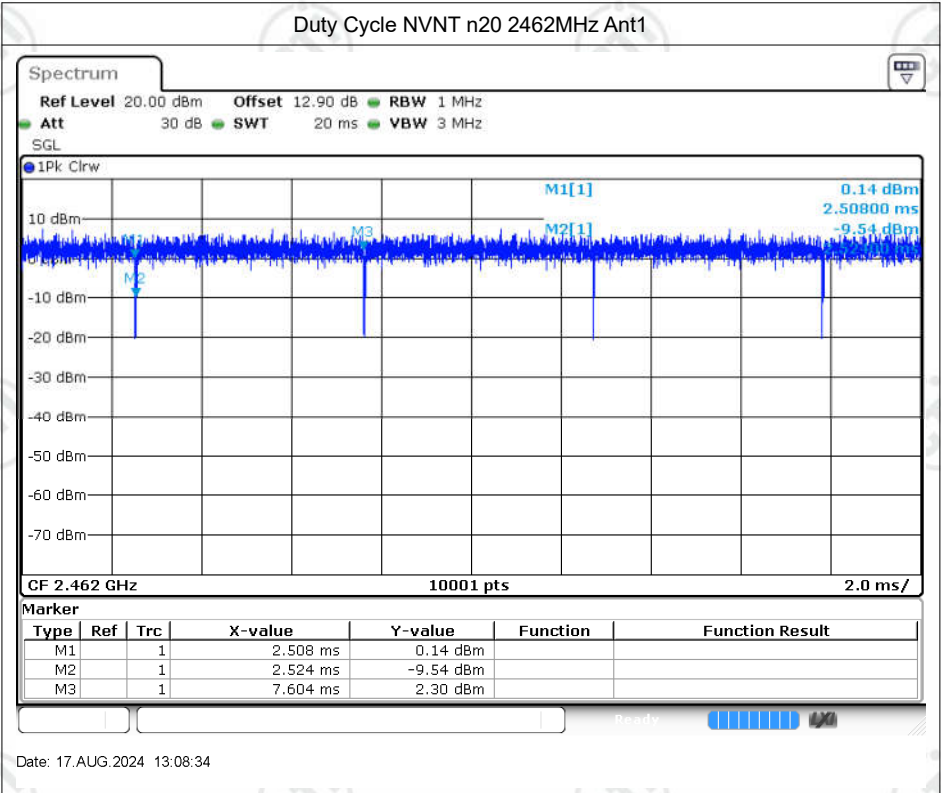
Date: 17.AUG.2024 13:01:52



Date: 17.AUG.2024 13:04:37



Date: 17.AUG.2024 13:06:40

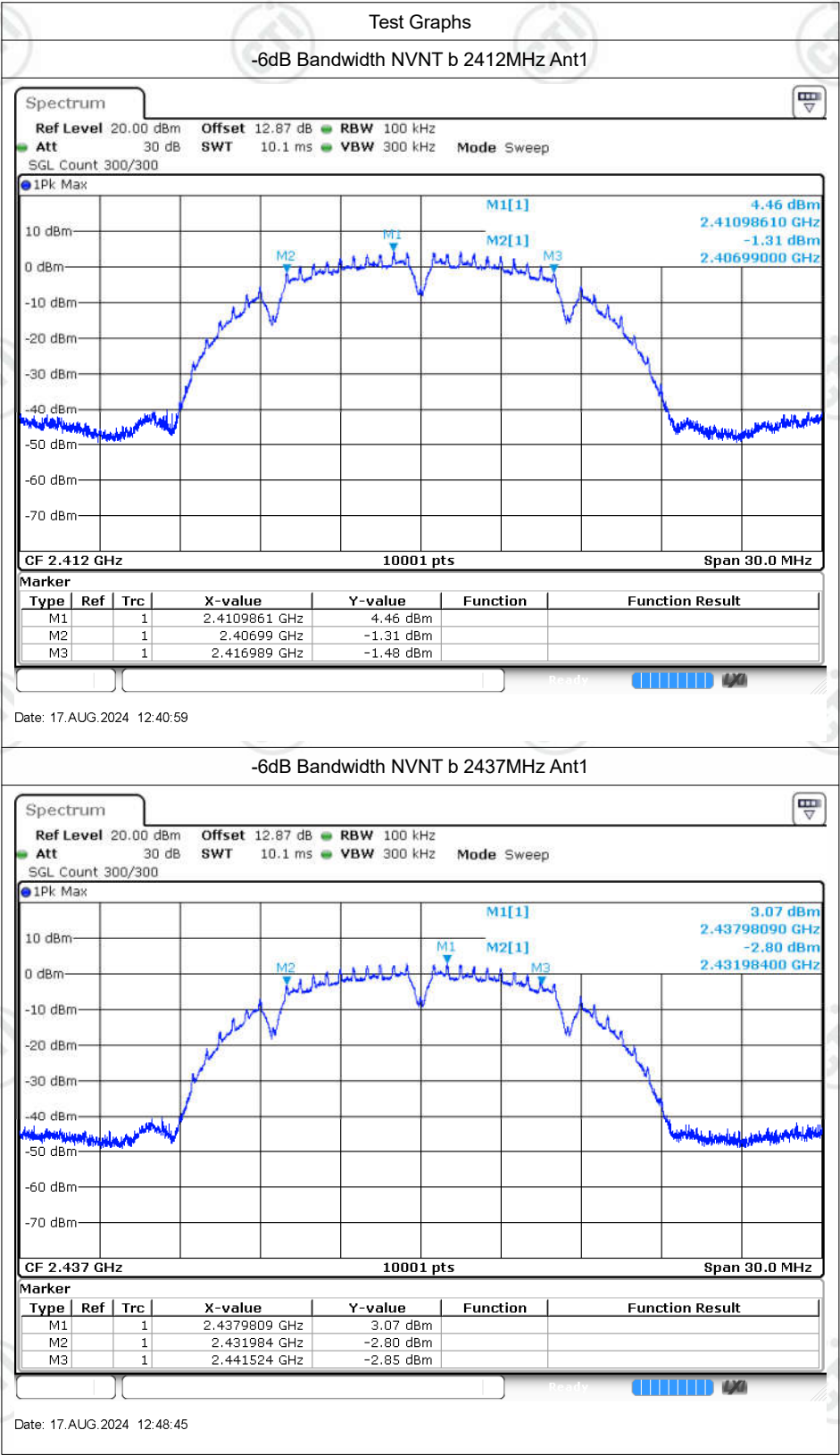


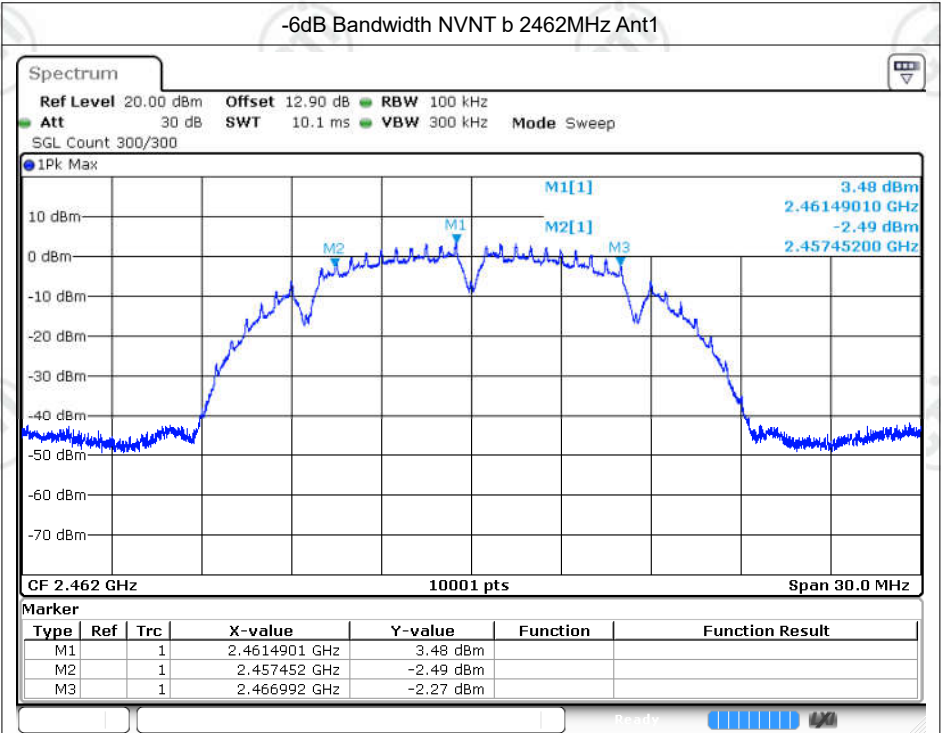
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	12.51	30	Pass
NVNT	b	2437	Ant1	12.27	30	Pass
NVNT	b	2462	Ant1	12.39	30	Pass
NVNT	g	2412	Ant1	11.42	30	Pass
NVNT	g	2437	Ant1	11.73	30	Pass
NVNT	g	2462	Ant1	11.46	30	Pass
NVNT	n20	2412	Ant1	11.31	30	Pass
NVNT	n20	2437	Ant1	11.51	30	Pass
NVNT	n20	2462	Ant1	11.35	30	Pass

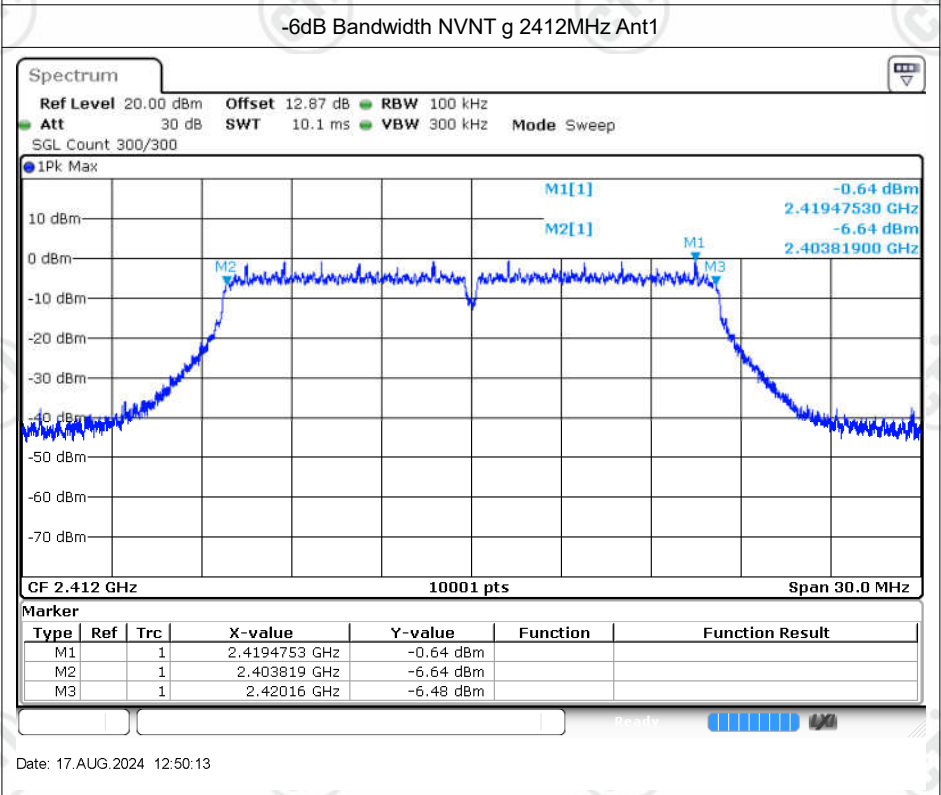
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.999	0.5	Pass
NVNT	b	2437	Ant1	9.54	0.5	Pass
NVNT	b	2462	Ant1	9.54	0.5	Pass
NVNT	g	2412	Ant1	16.341	0.5	Pass
NVNT	g	2437	Ant1	16.335	0.5	Pass
NVNT	g	2462	Ant1	16.338	0.5	Pass
NVNT	n20	2412	Ant1	17.07	0.5	Pass
NVNT	n20	2437	Ant1	17.523	0.5	Pass
NVNT	n20	2462	Ant1	17.13	0.5	Pass

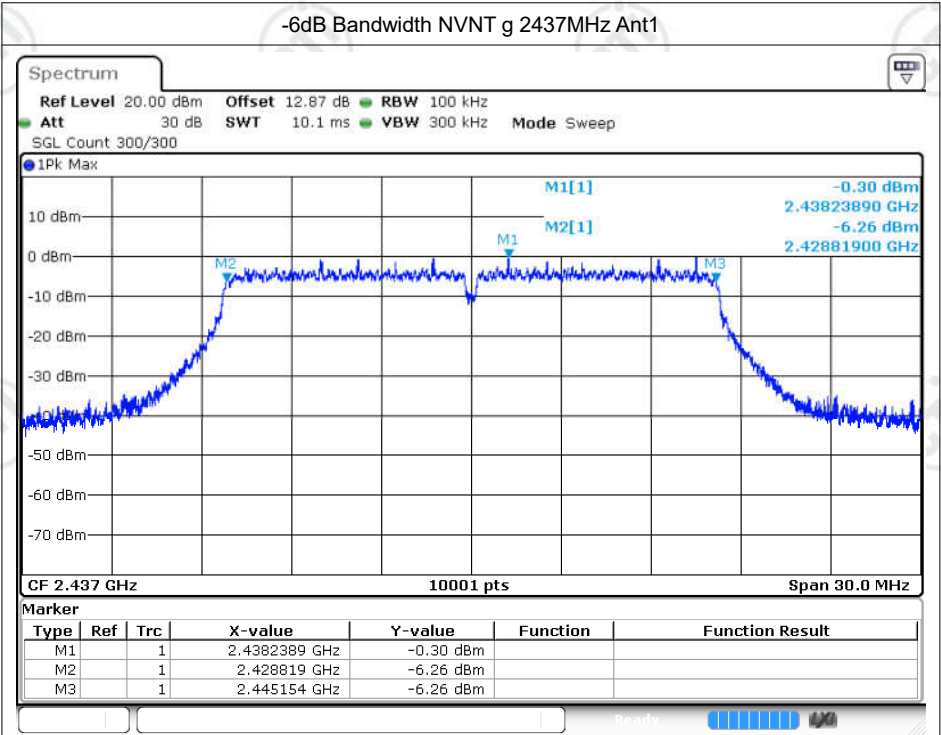




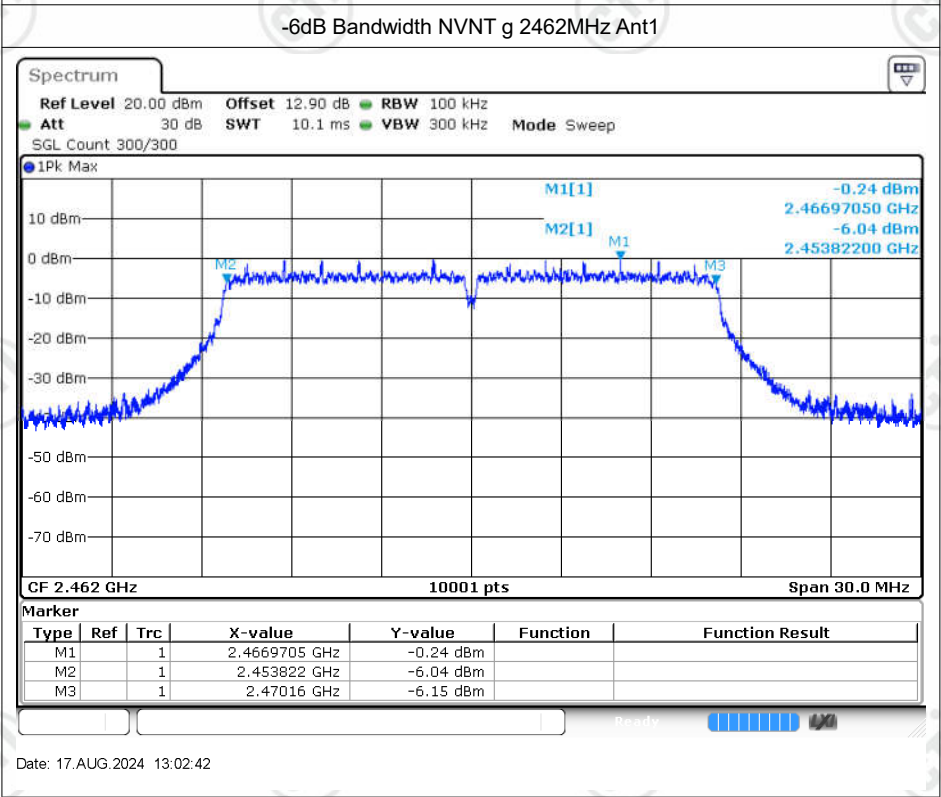
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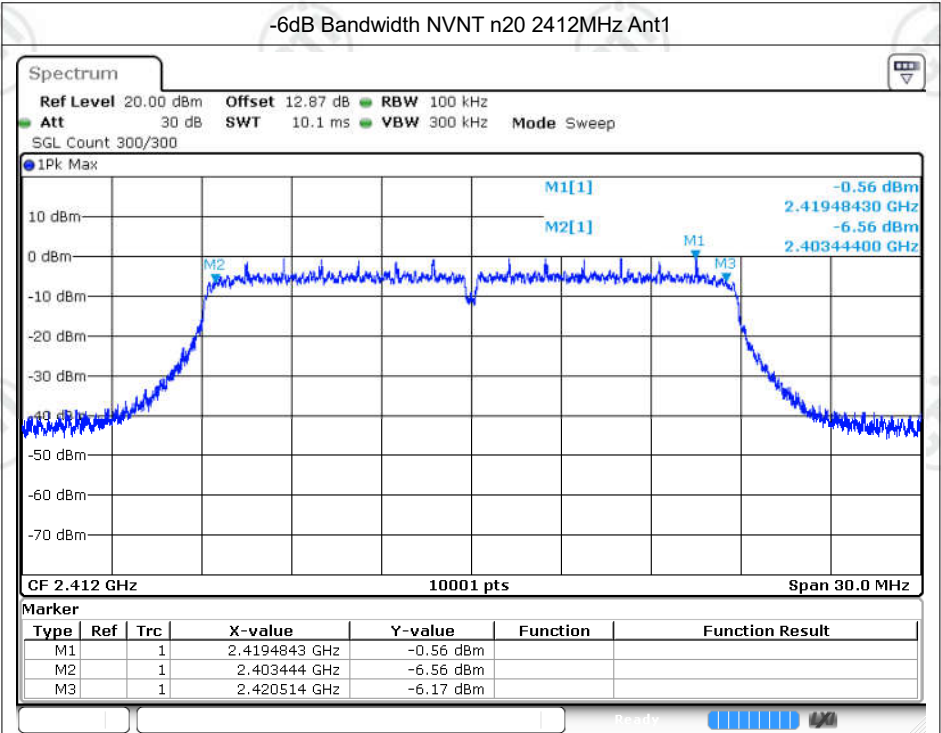
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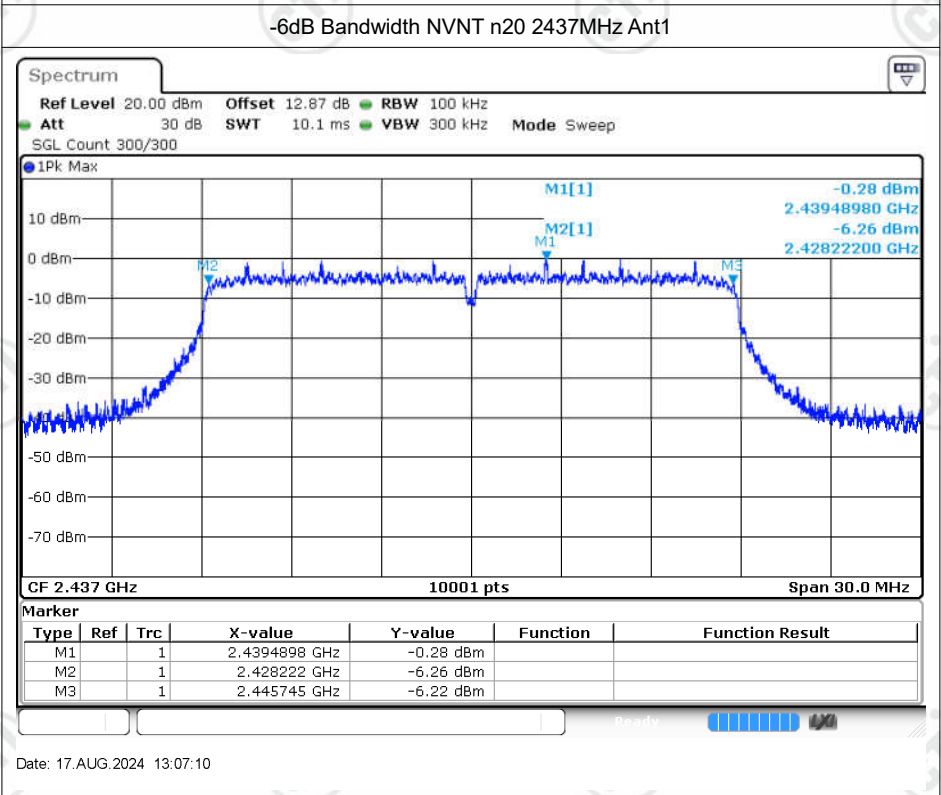
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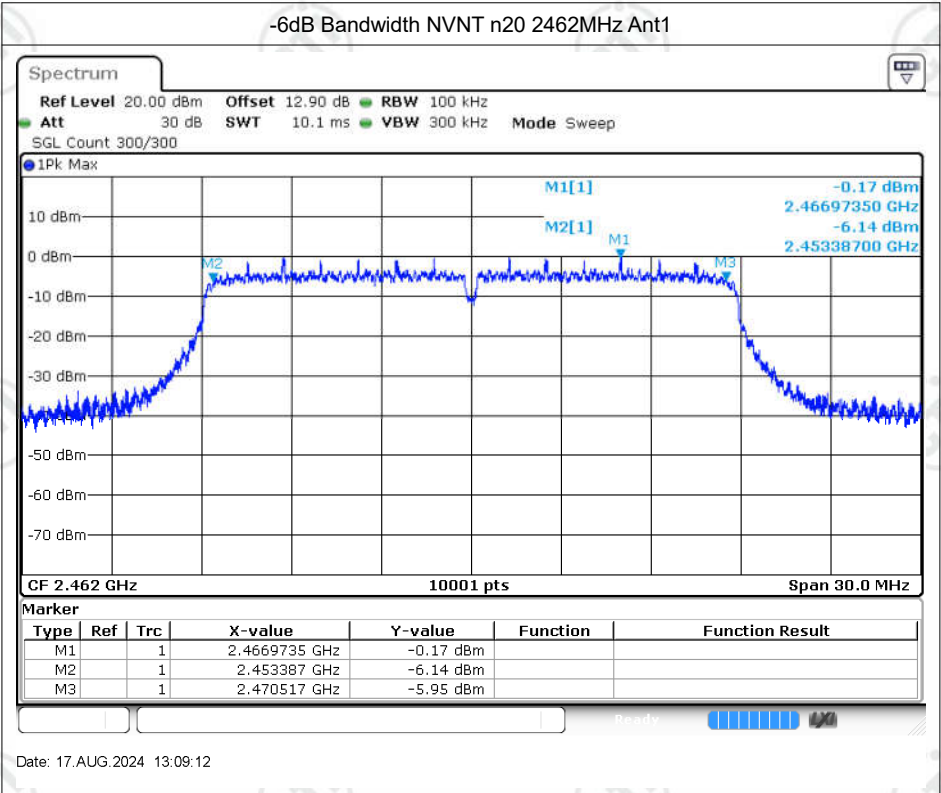
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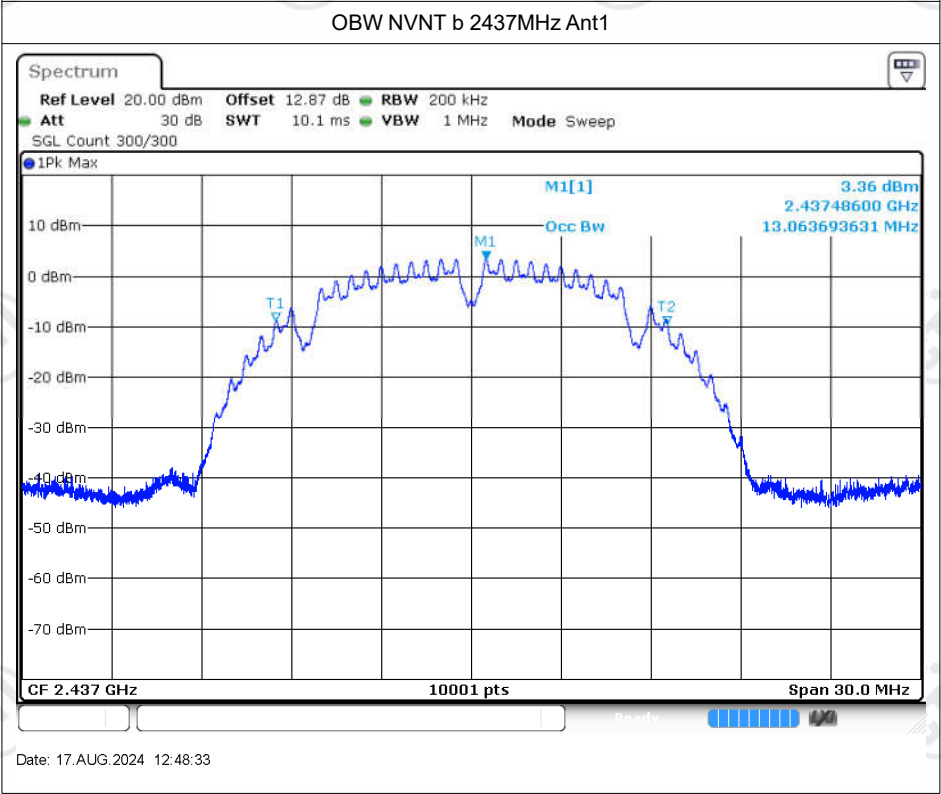
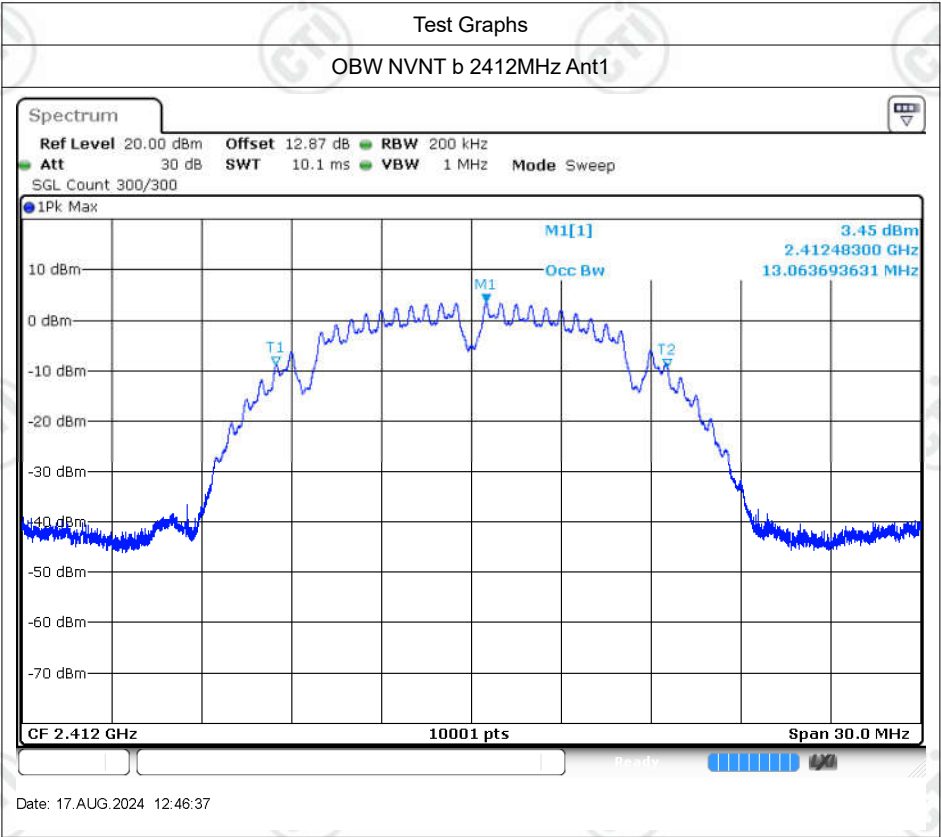


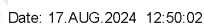
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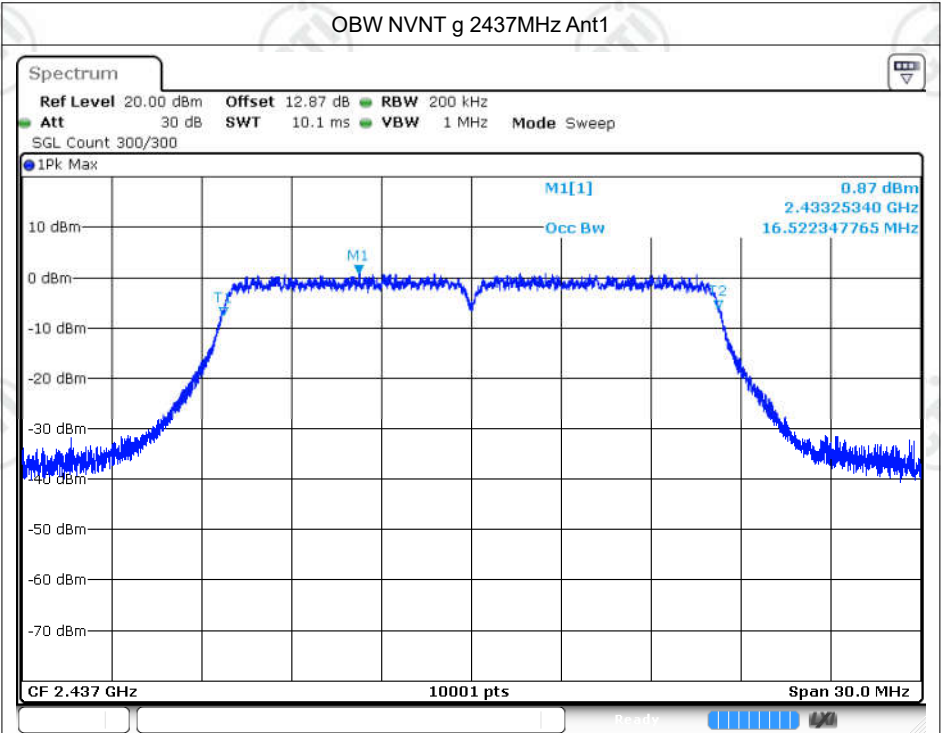


Occupied Channel Bandwidth

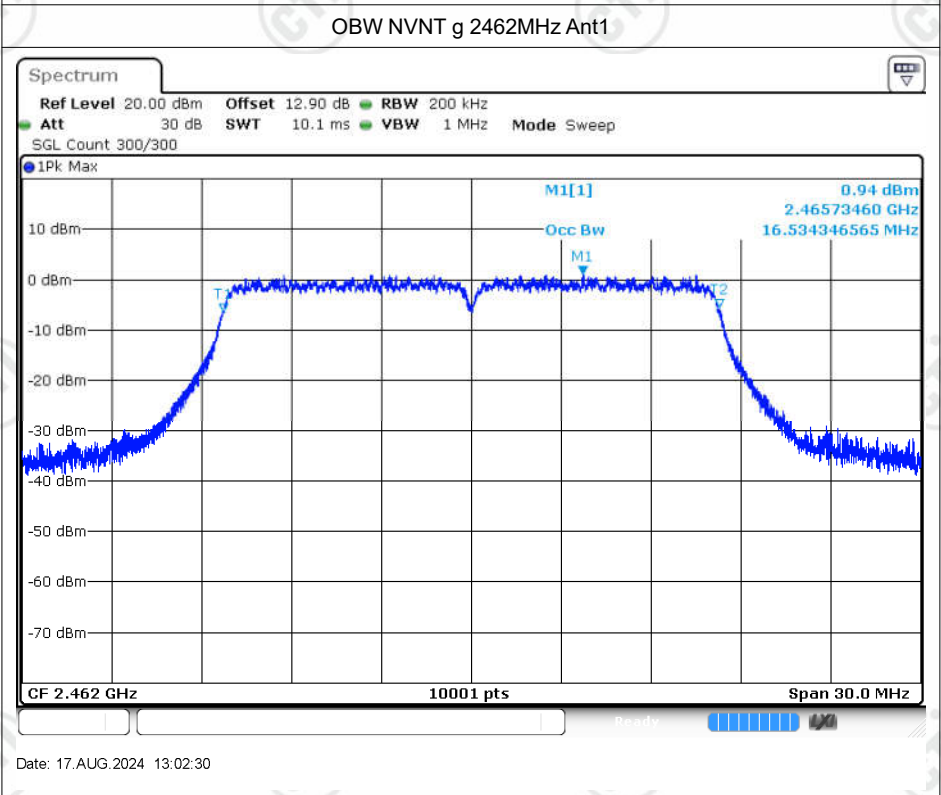
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NVNT	b	2412	Ant1	13.064
NVNT	b	2437	Ant1	13.064
NVNT	b	2462	Ant1	13.061
NVNT	g	2412	Ant1	16.516
NVNT	g	2437	Ant1	16.522
NVNT	g	2462	Ant1	16.534
NVNT	n20	2412	Ant1	17.551
NVNT	n20	2437	Ant1	17.563
NVNT	n20	2462	Ant1	17.56



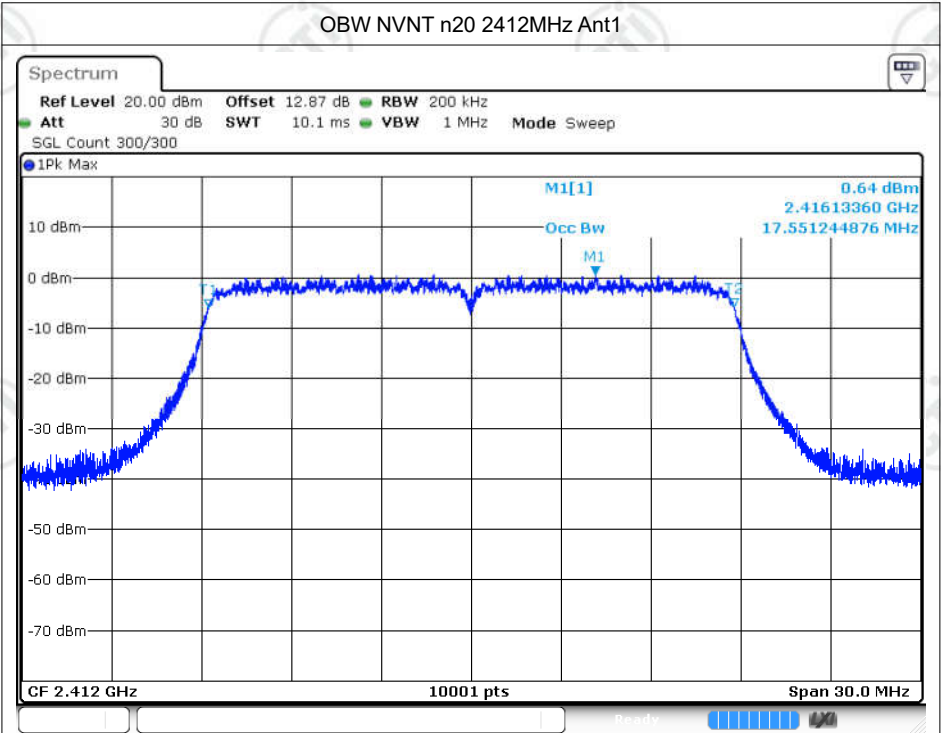




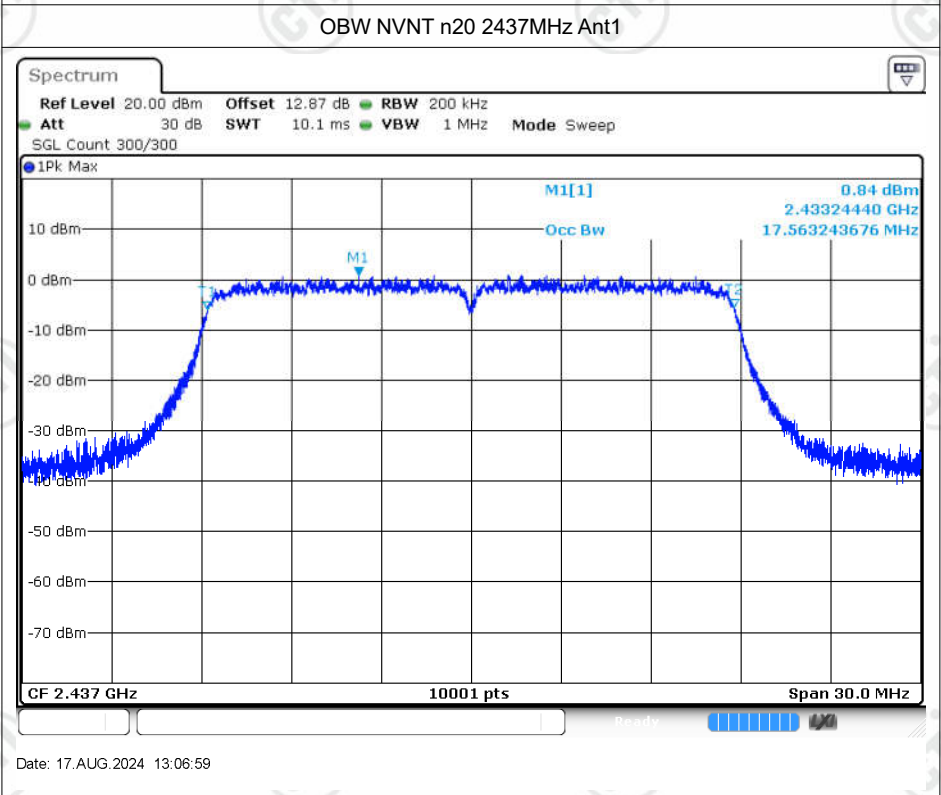
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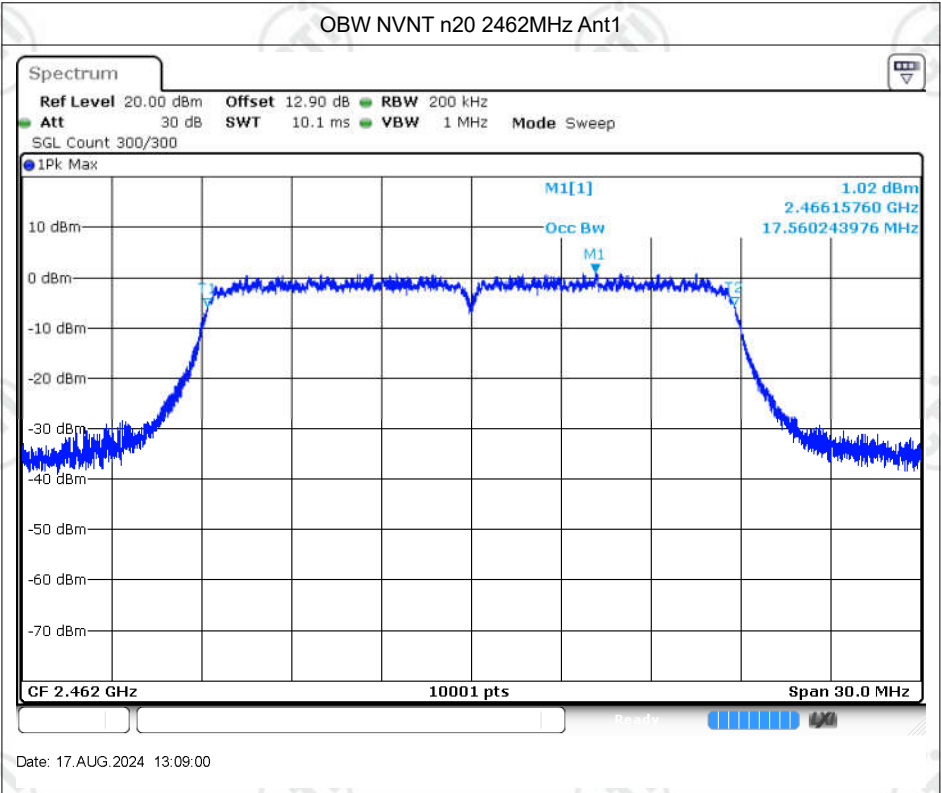
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Date: 17.AUG.2024 13:05:02

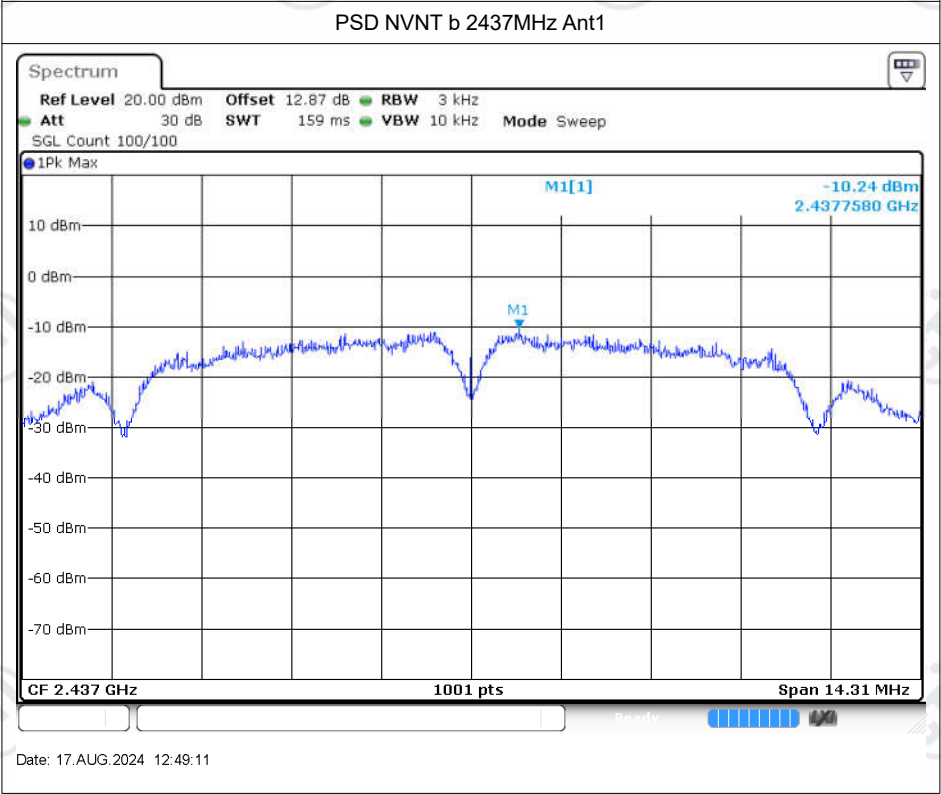
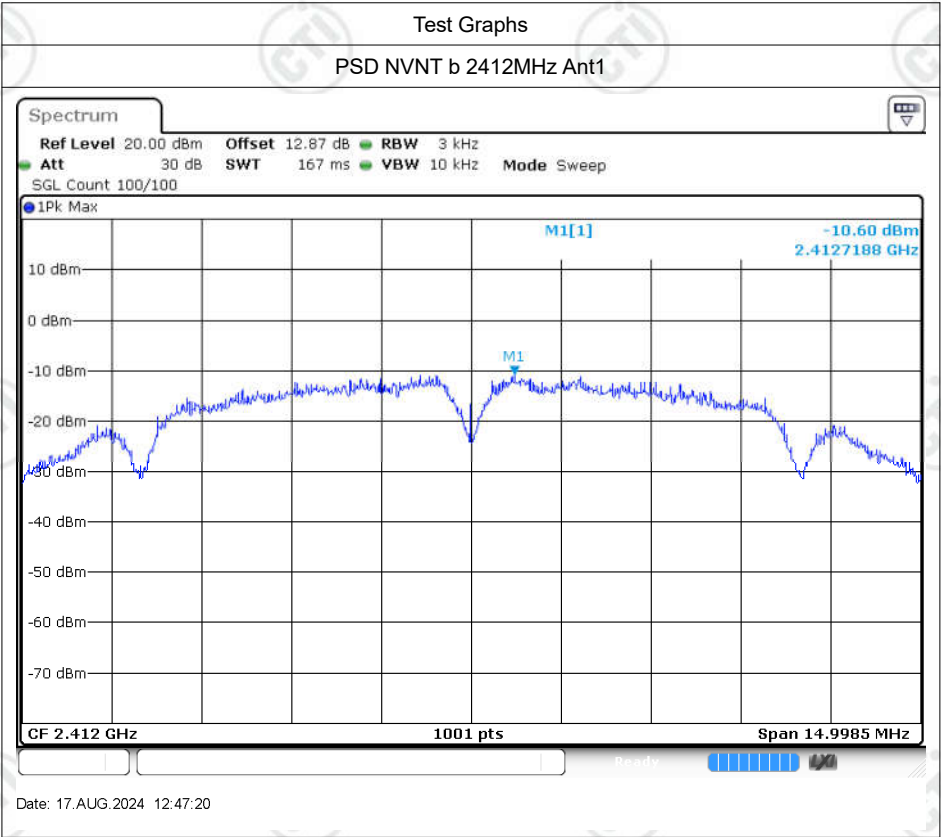


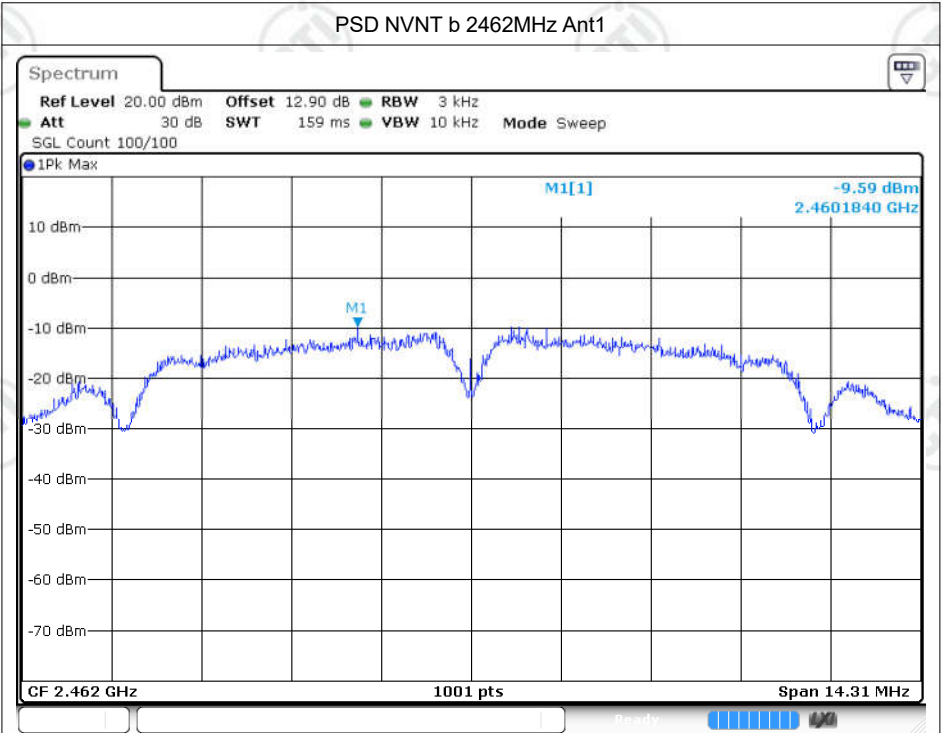
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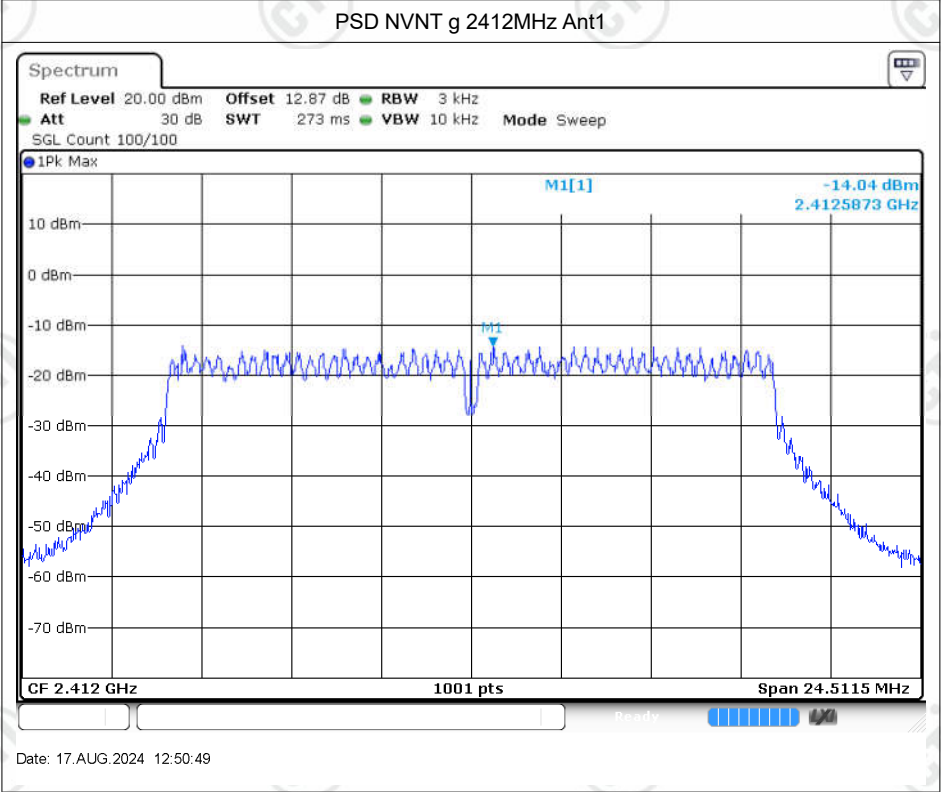
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-10.6	8	Pass
NVNT	b	2437	Ant1	-10.24	8	Pass
NVNT	b	2462	Ant1	-9.59	8	Pass
NVNT	g	2412	Ant1	-14.04	8	Pass
NVNT	g	2437	Ant1	-13.46	8	Pass
NVNT	g	2462	Ant1	-13.46	8	Pass
NVNT	n20	2412	Ant1	-12.83	8	Pass
NVNT	n20	2437	Ant1	-12.63	8	Pass
NVNT	n20	2462	Ant1	-12.64	8	Pass

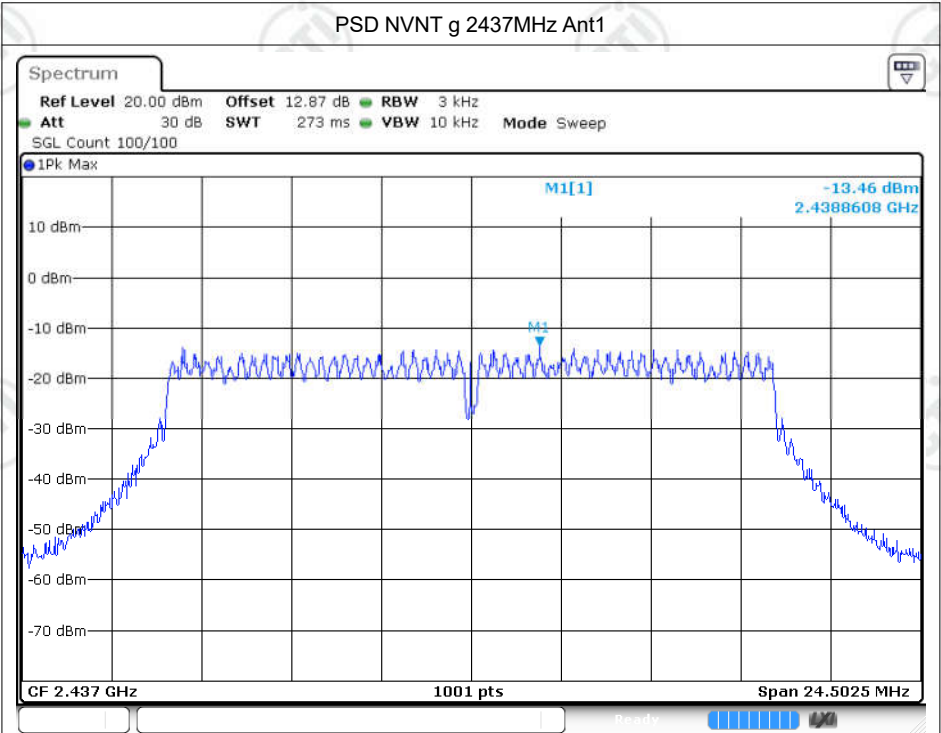




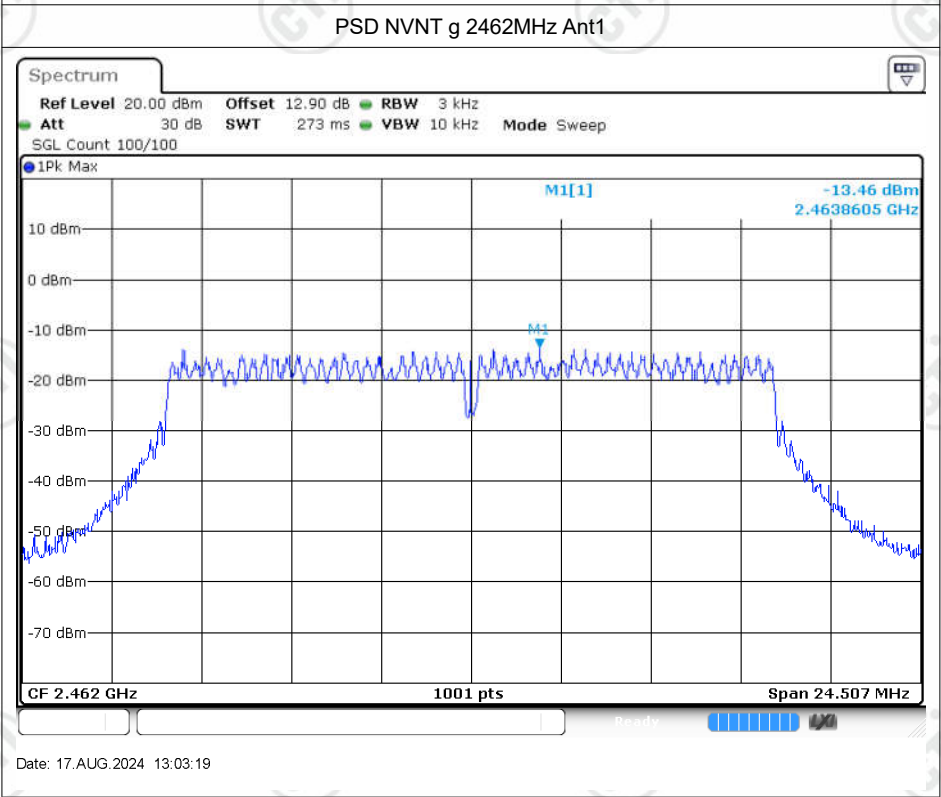
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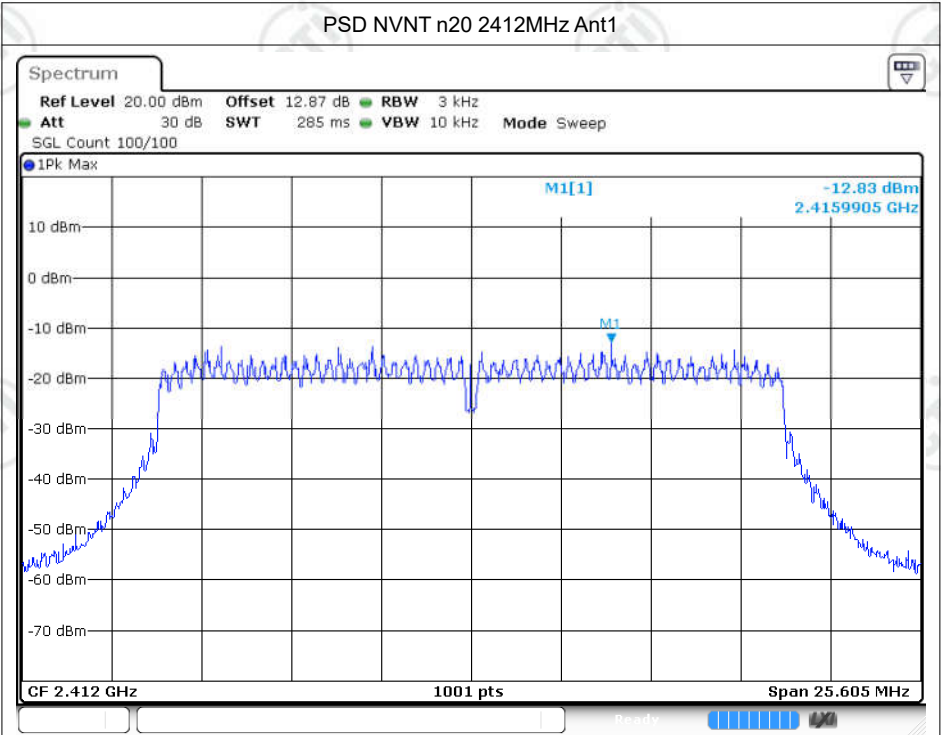
Date: 17.AUG.2024 12:50:49



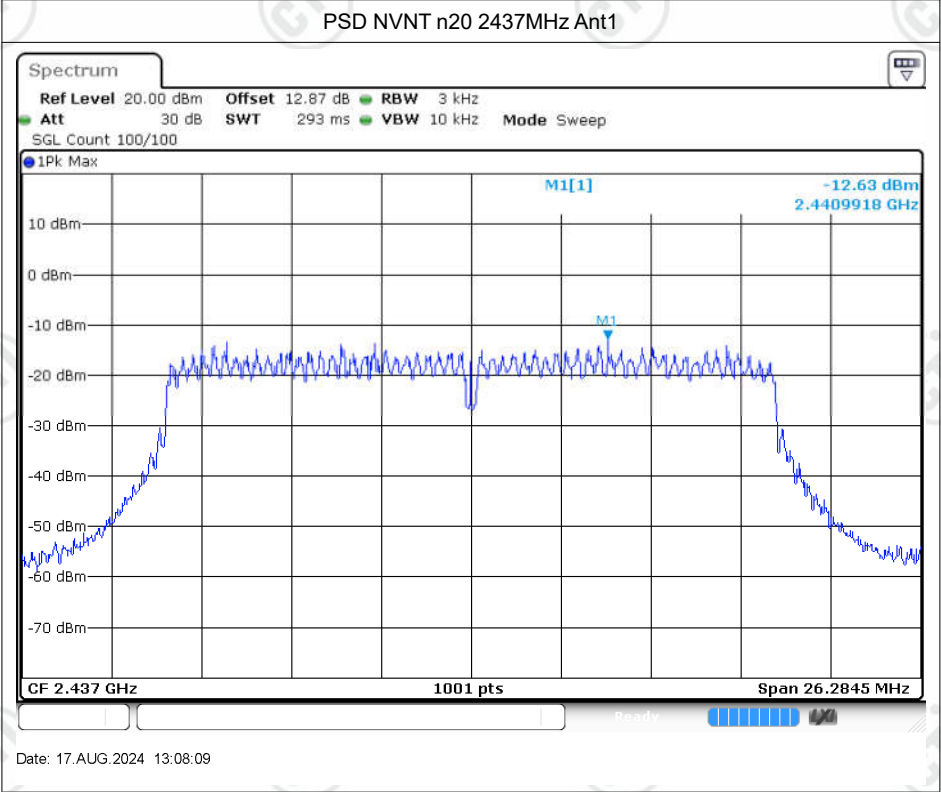
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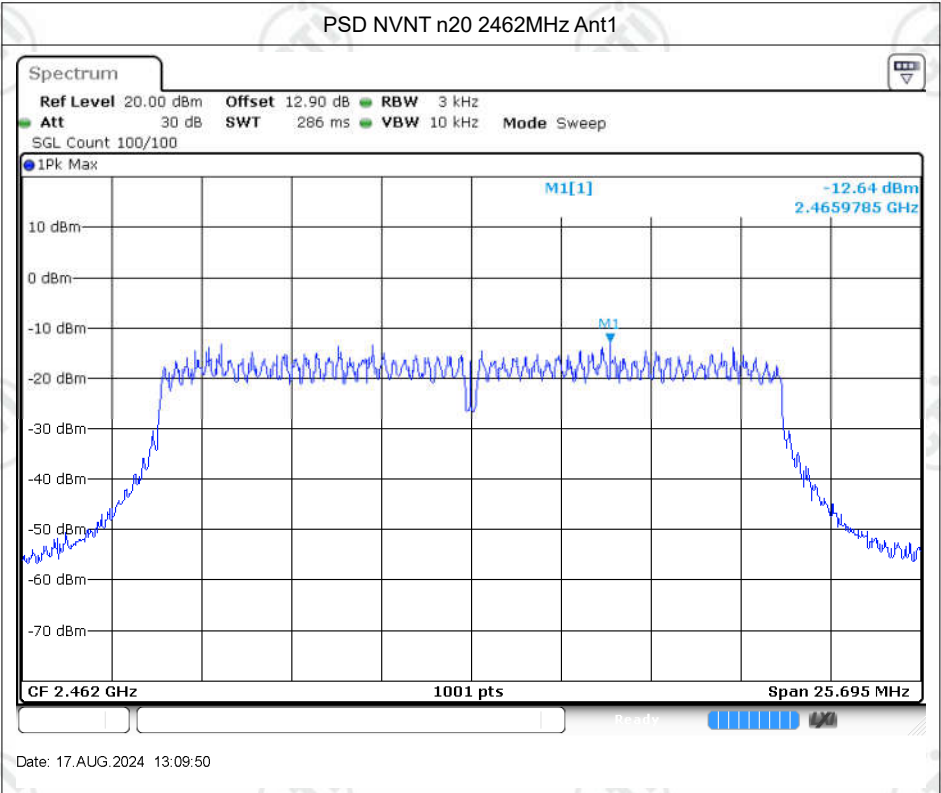
Date: 17.AUG.2024 13:03:19



Date: 17.AUG.2024 13:05:51

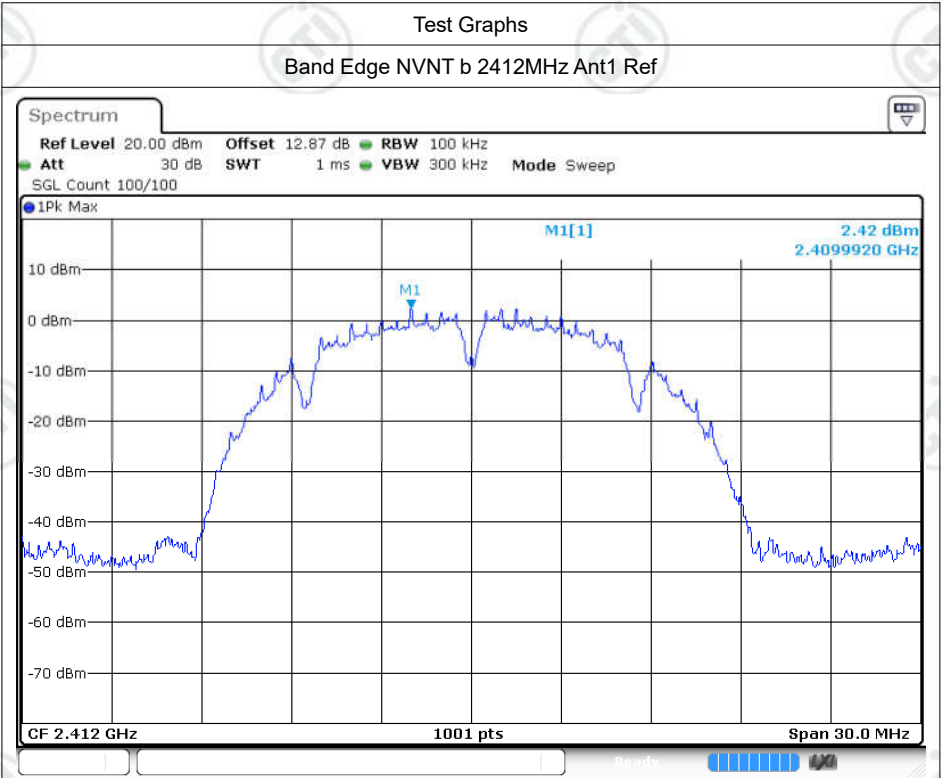


Date: 17.AUG.2024 13:08:09

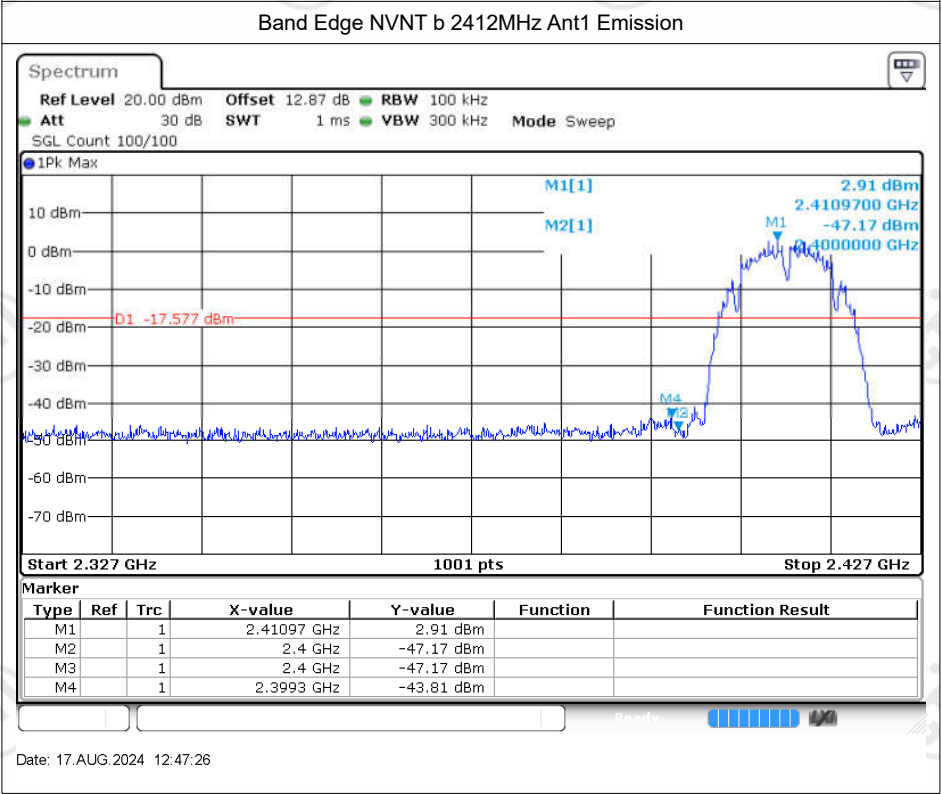


Band Edge

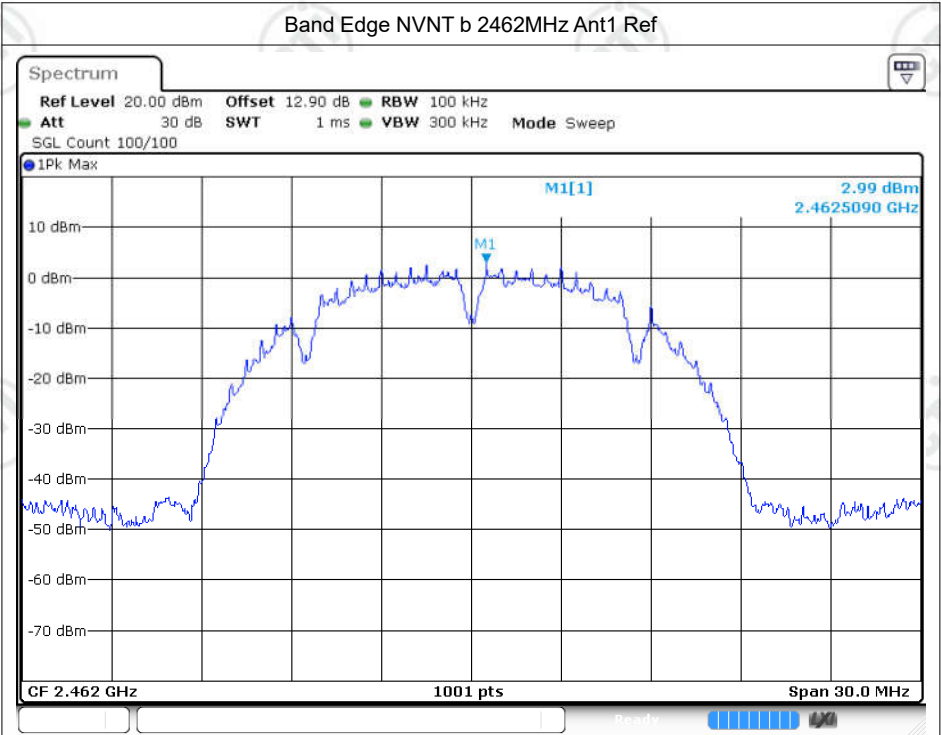
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-46.22	-20	Pass
NVNT	b	2462	Ant1	-48.02	-20	Pass
NVNT	g	2412	Ant1	-40.37	-20	Pass
NVNT	g	2462	Ant1	-41.63	-20	Pass
NVNT	n20	2412	Ant1	-38.63	-20	Pass
NVNT	n20	2462	Ant1	-41.64	-20	Pass



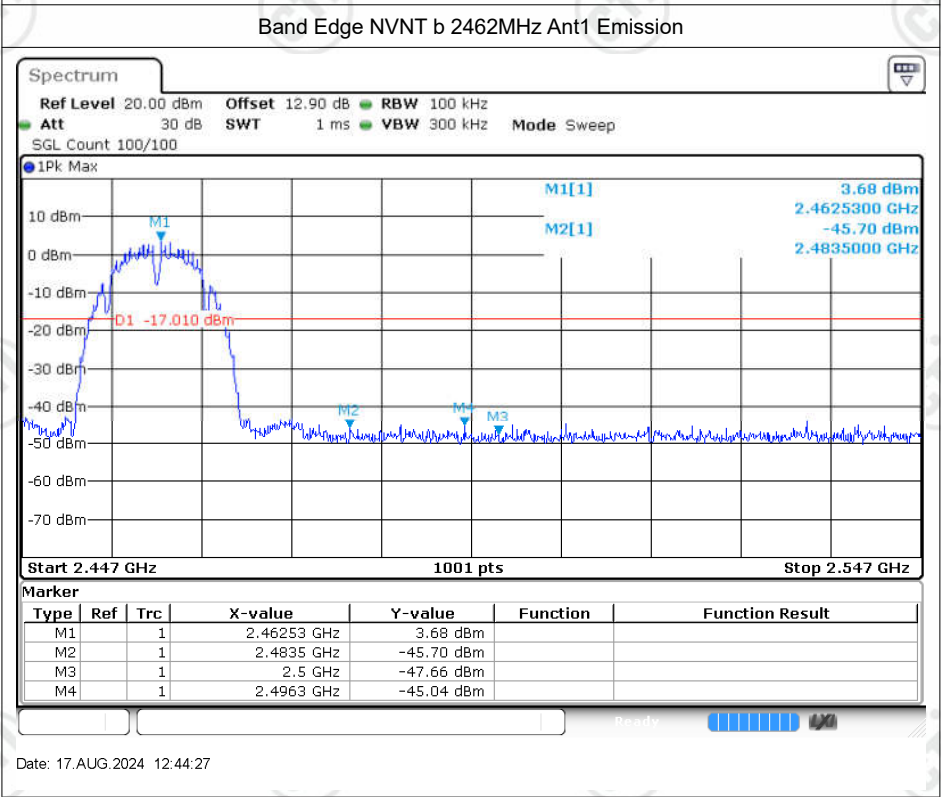
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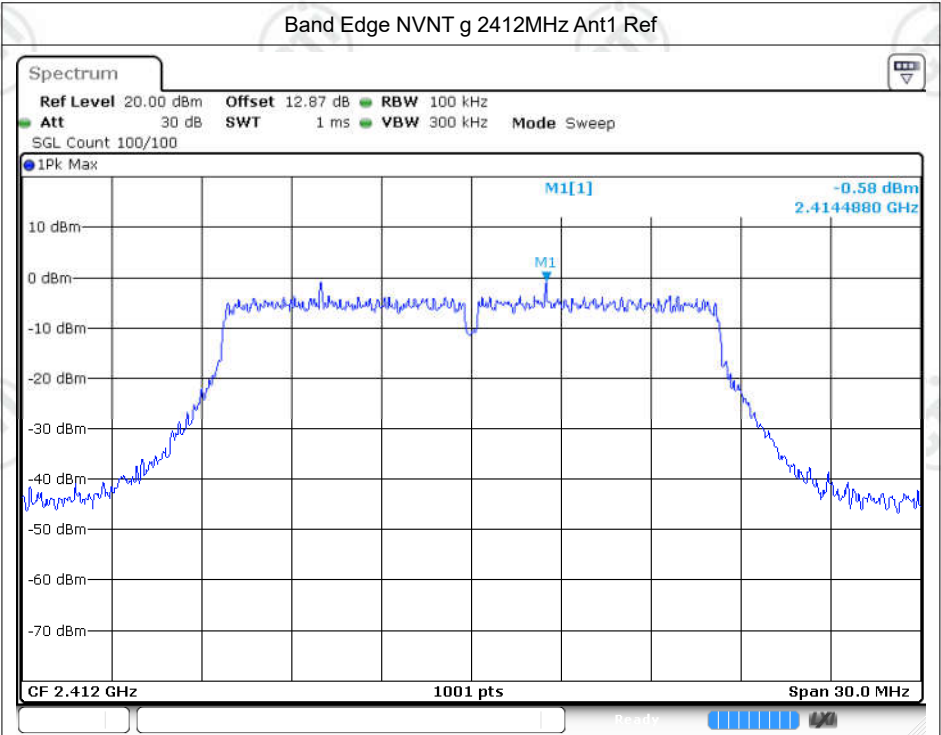
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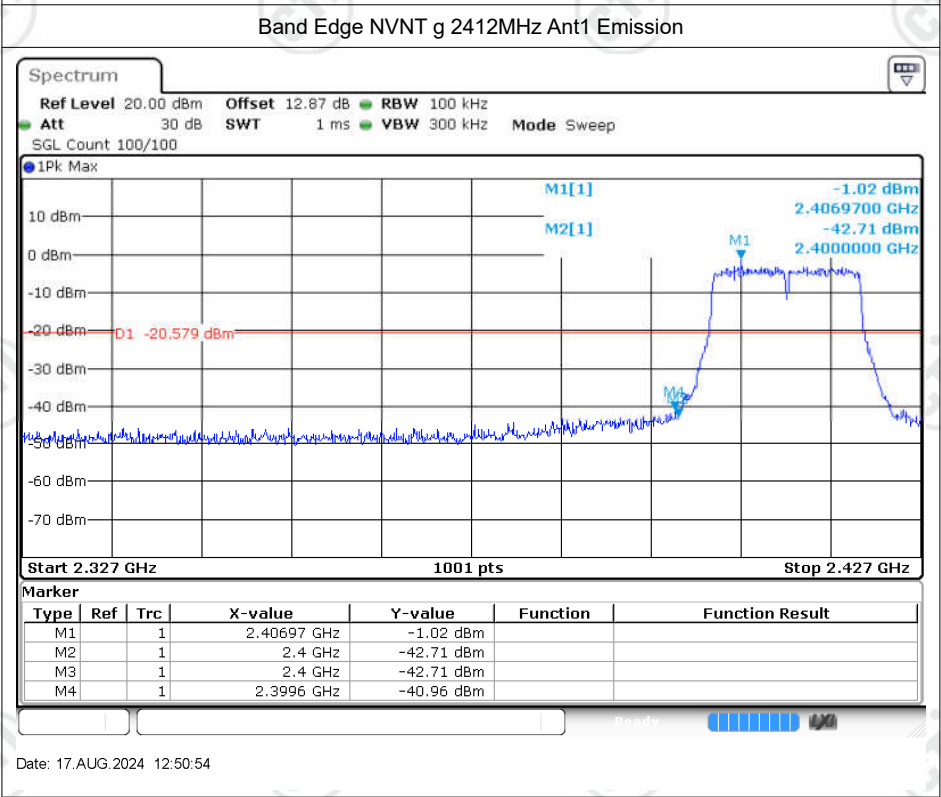
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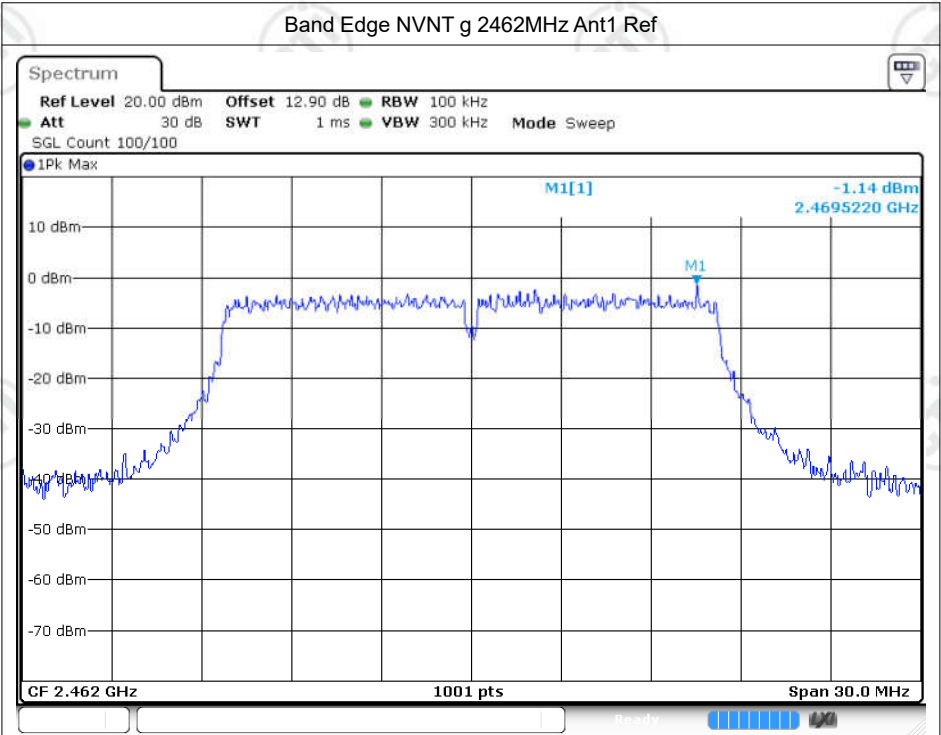
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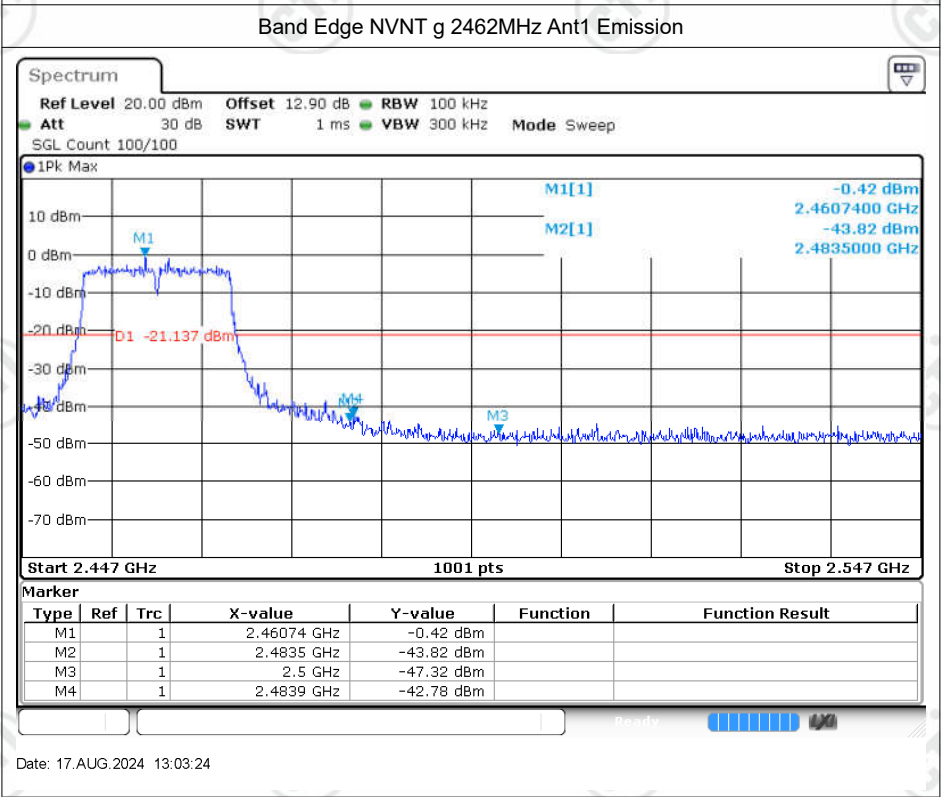
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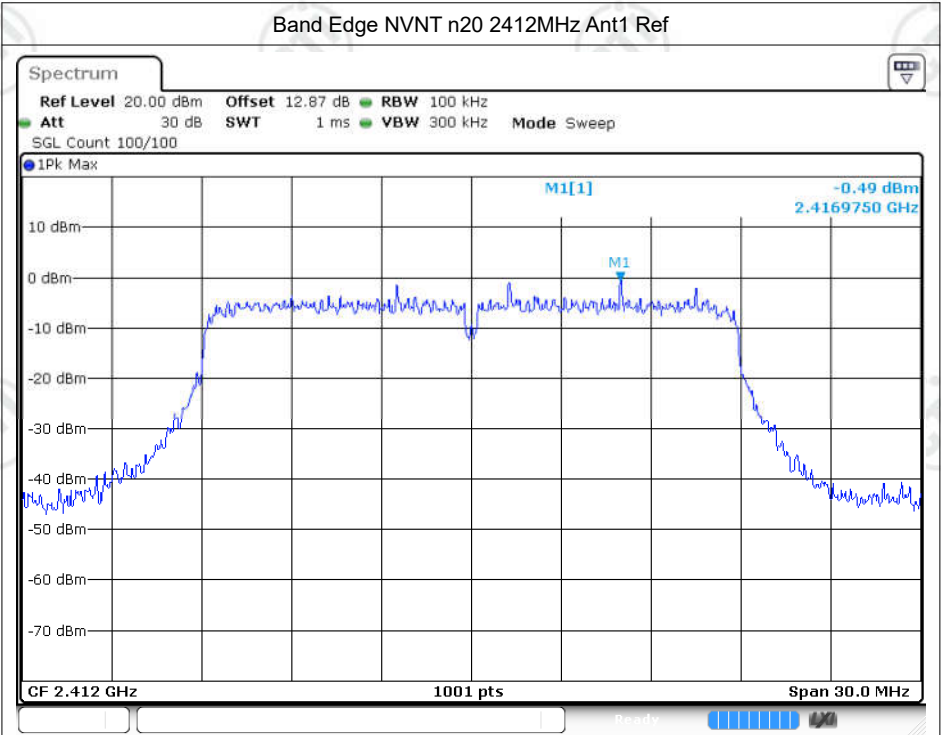
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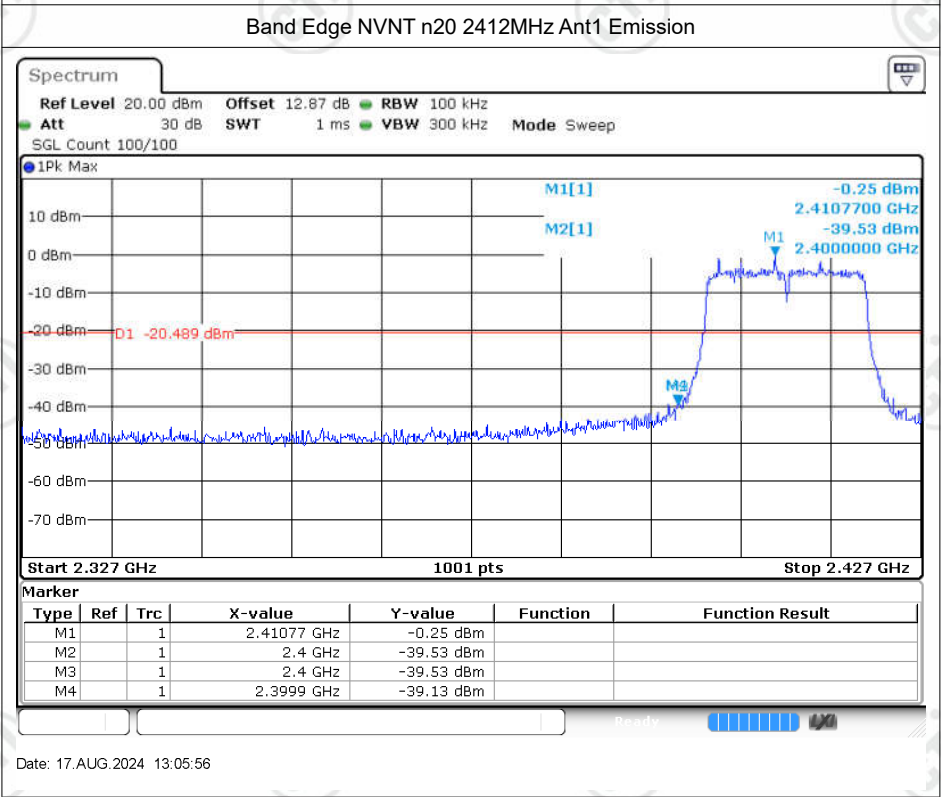
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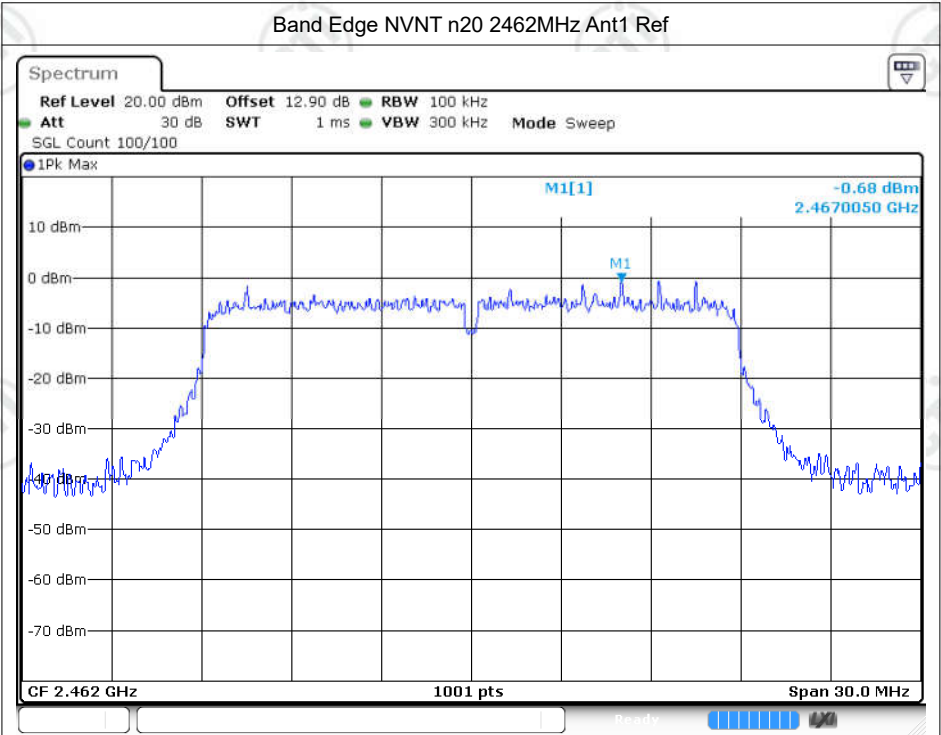
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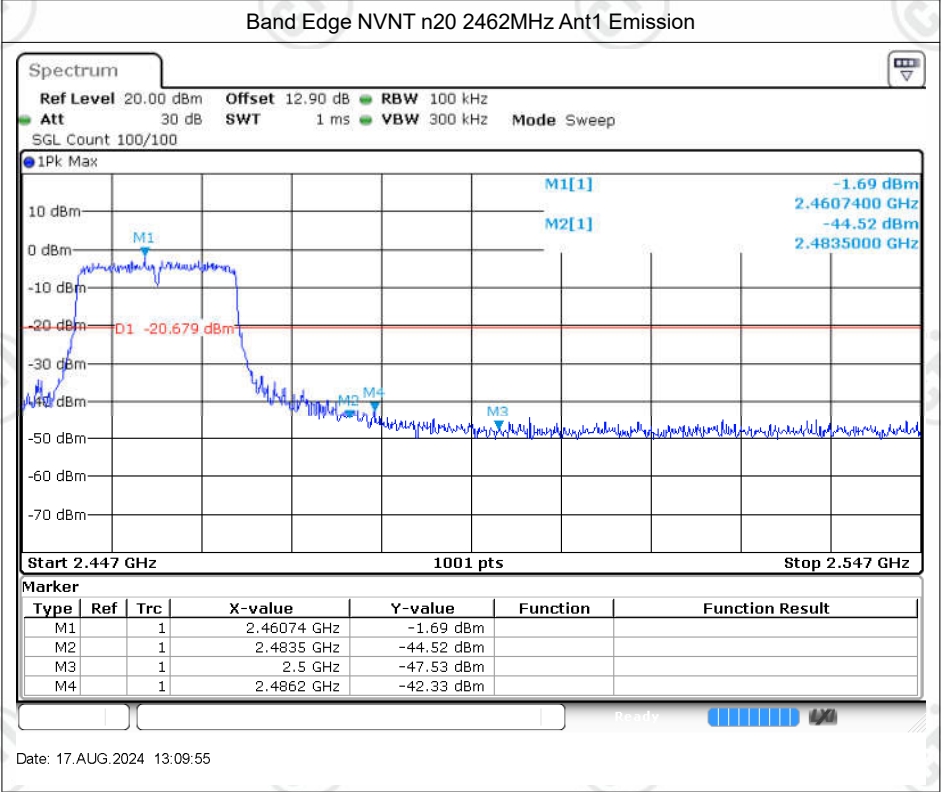
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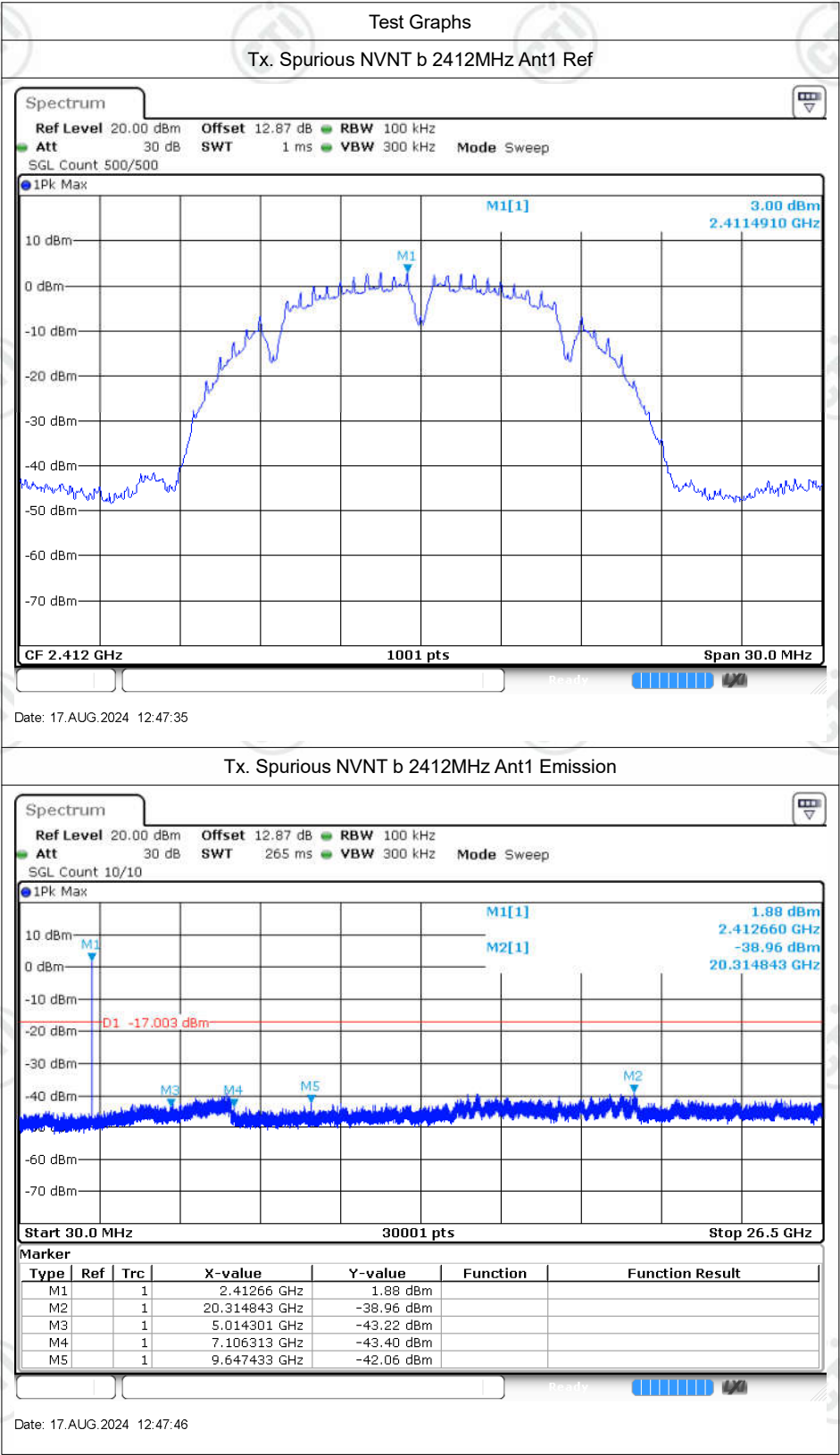
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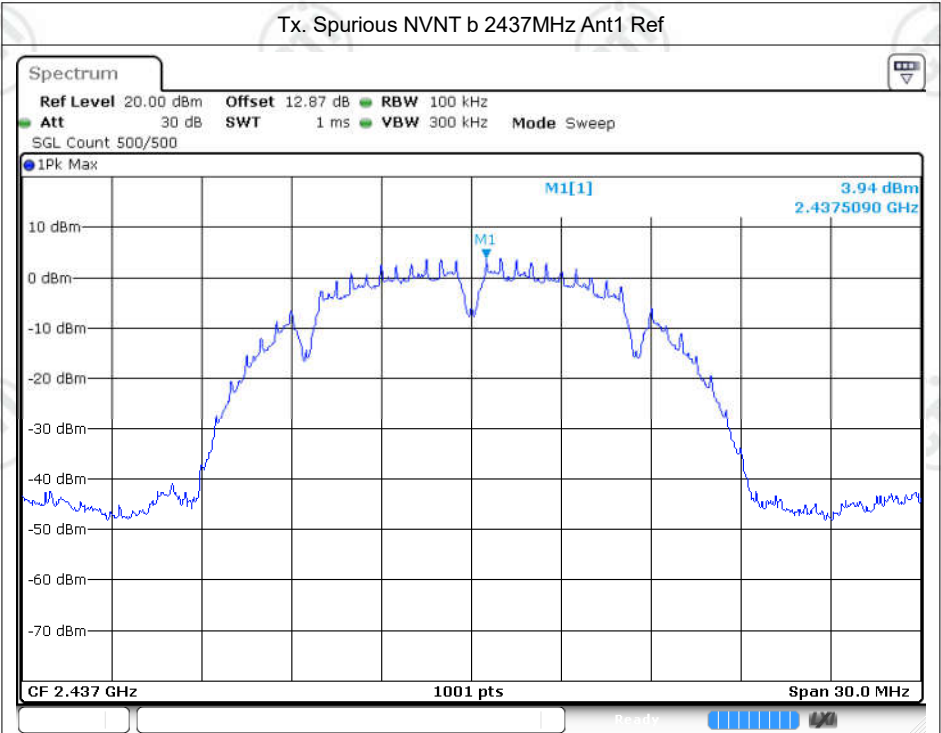


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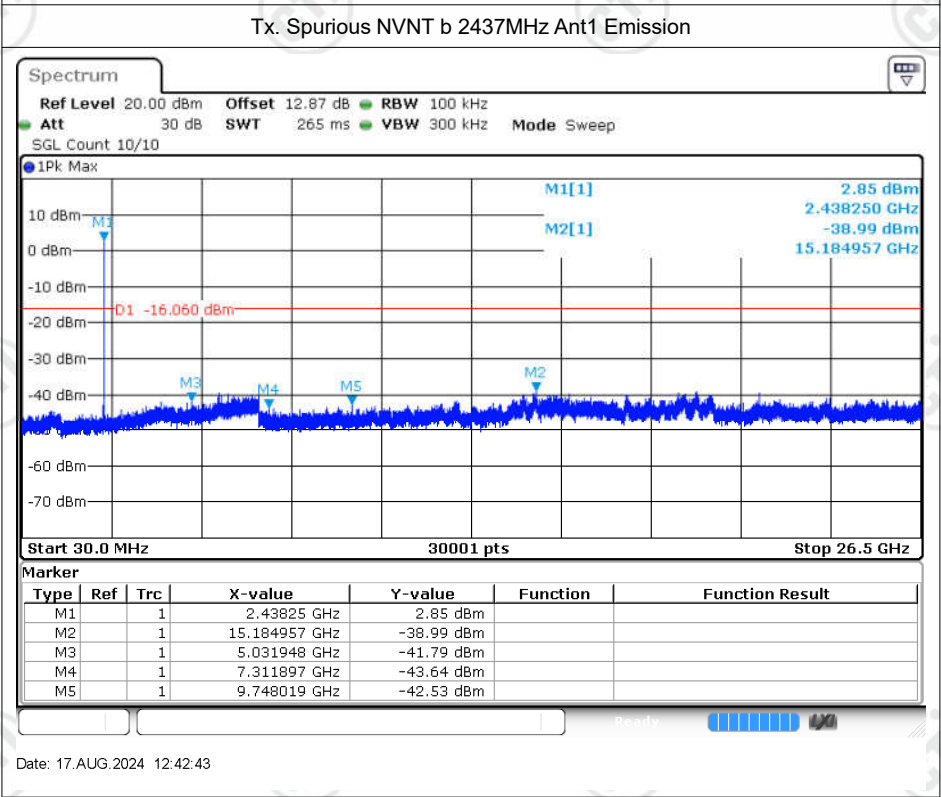
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-41.95	-20	Pass
NVNT	b	2437	Ant1	-42.93	-20	Pass
NVNT	b	2462	Ant1	-40.48	-20	Pass
NVNT	g	2412	Ant1	-37.87	-20	Pass
NVNT	g	2437	Ant1	-38.32	-20	Pass
NVNT	g	2462	Ant1	-38.78	-20	Pass
NVNT	n20	2412	Ant1	-37.56	-20	Pass
NVNT	n20	2437	Ant1	-38.63	-20	Pass
NVNT	n20	2462	Ant1	-38.19	-20	Pass

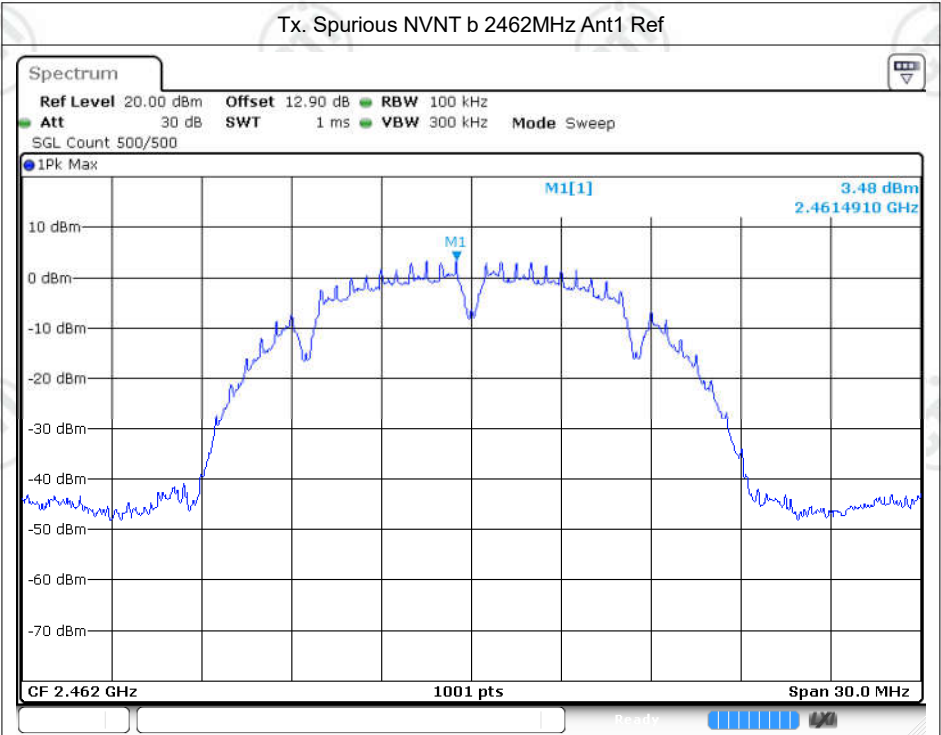




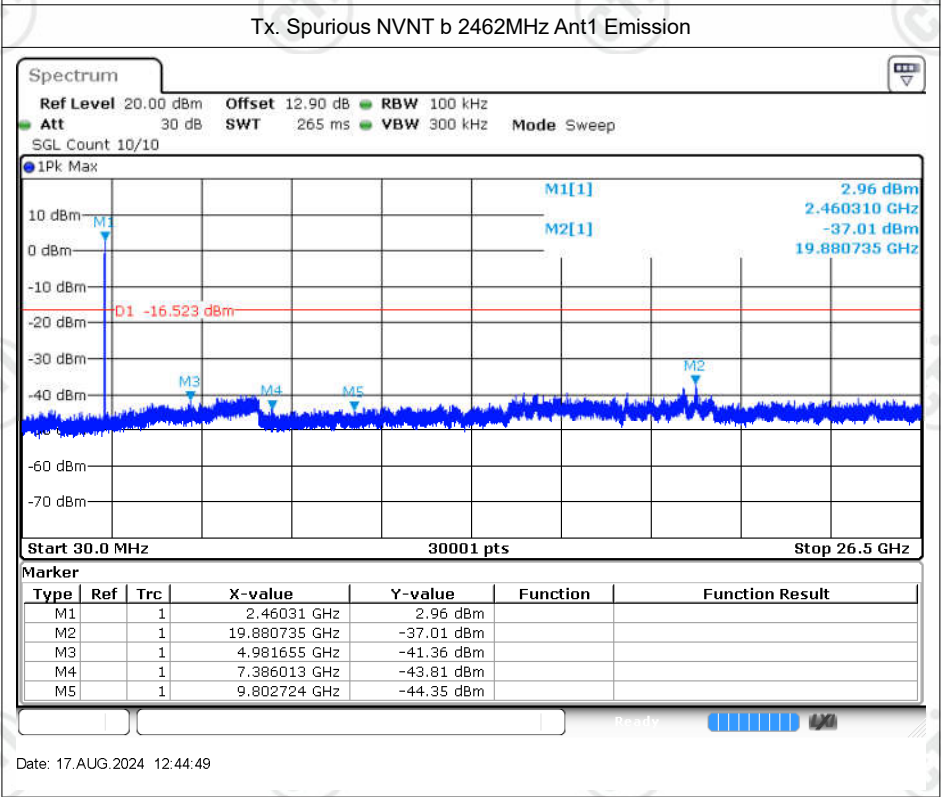
Date: 17.AUG.2024 12:42:32



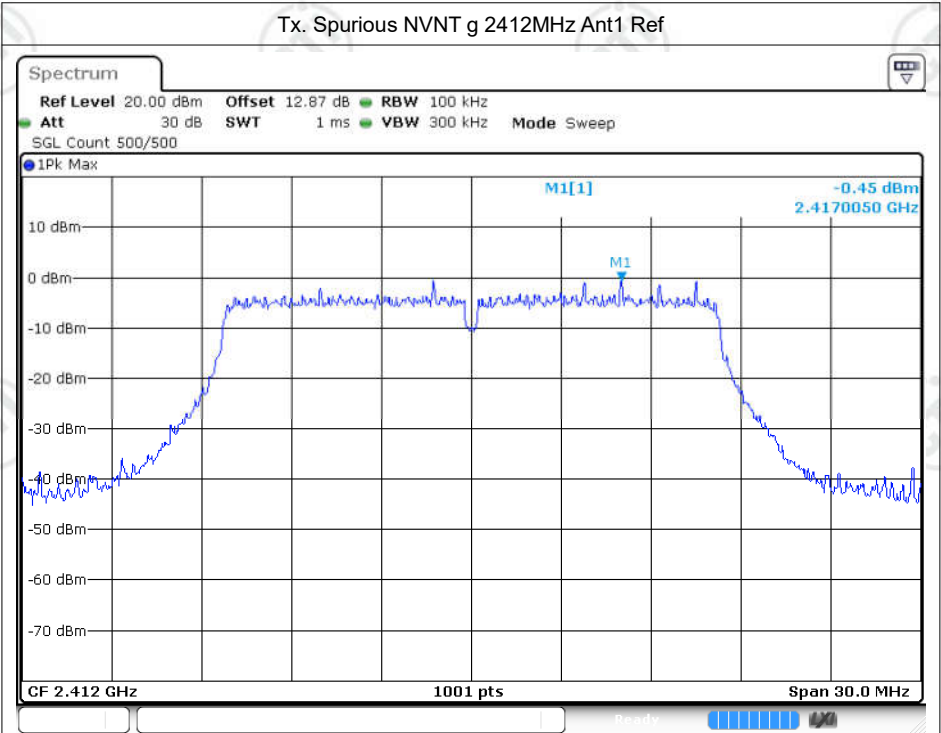
Date: 17.AUG.2024 12:42:43



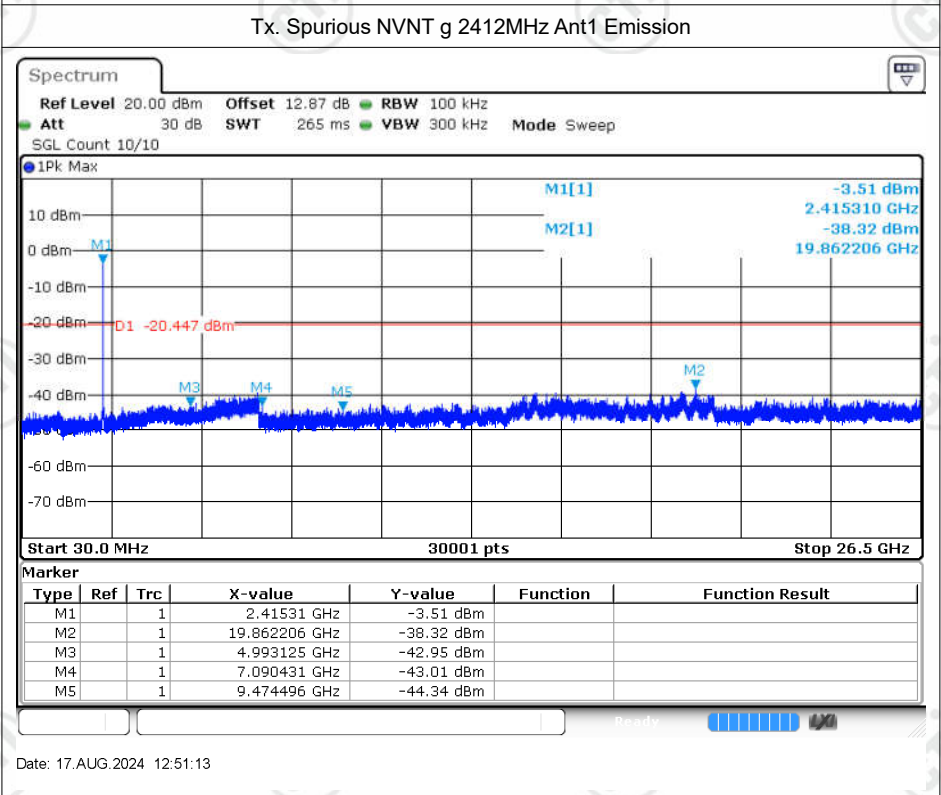
Date: 17.AUG.2024 12:44:37



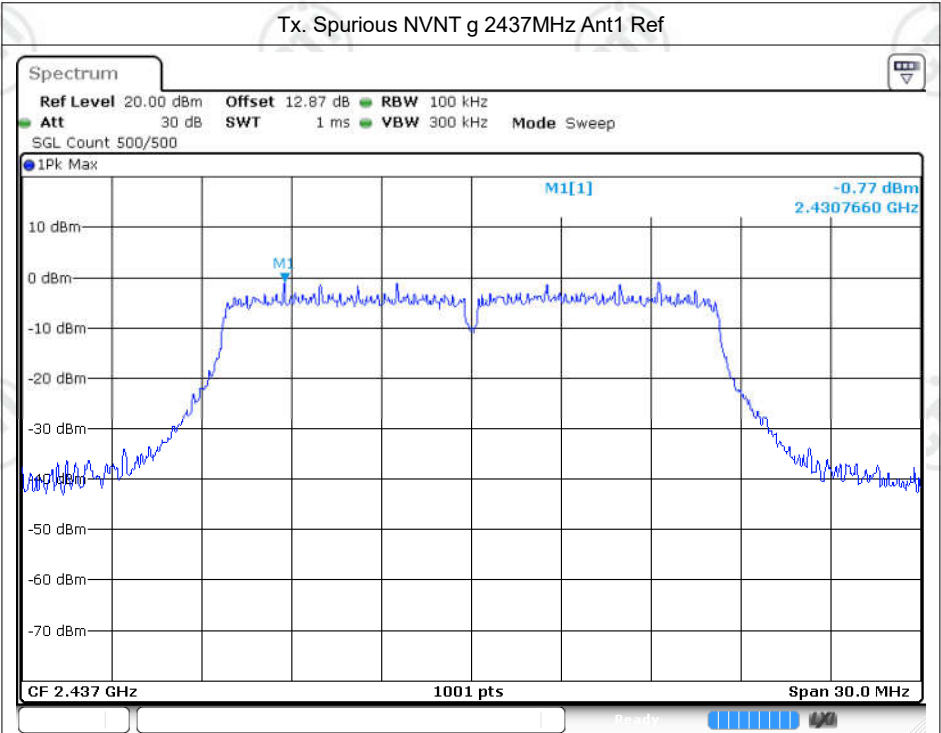
Date: 17.AUG.2024 12:44:49



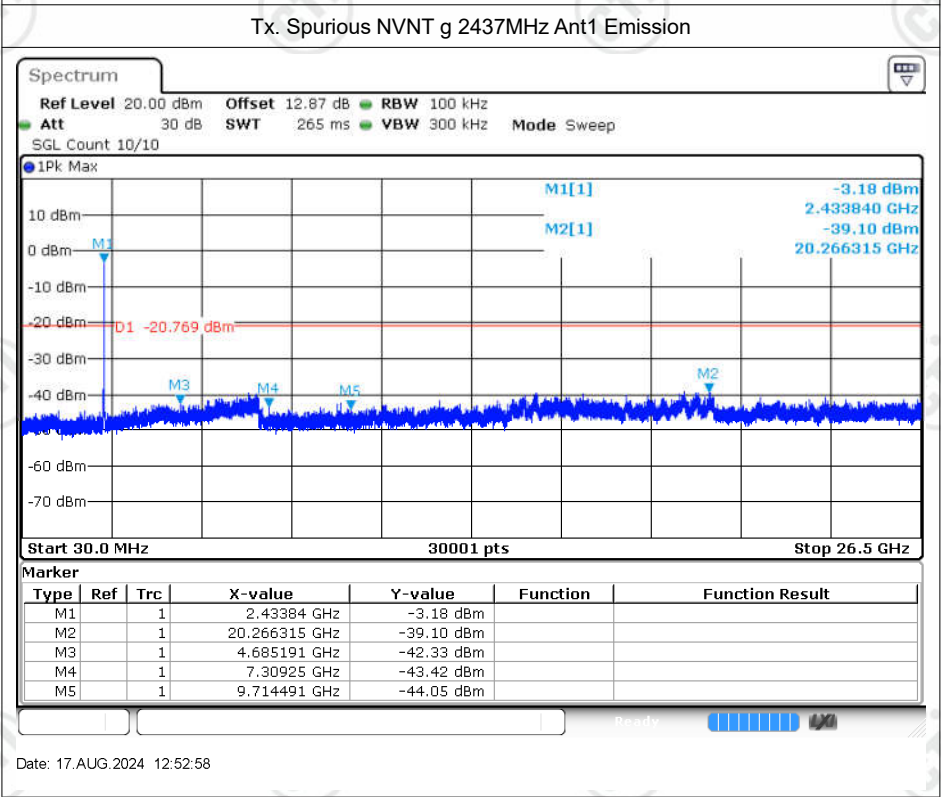
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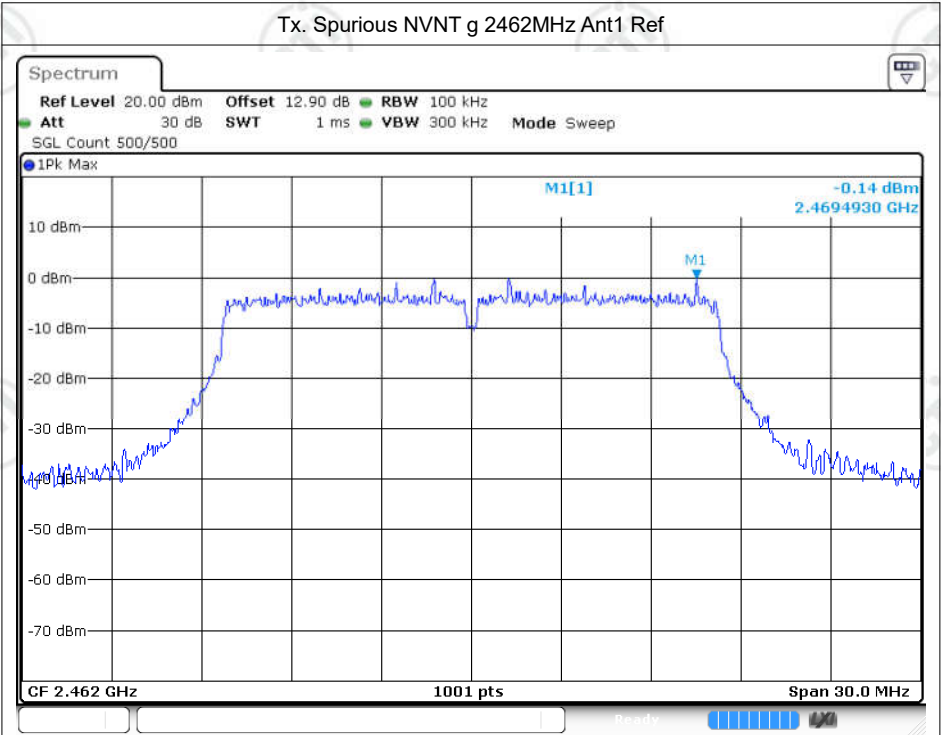
Date: 17.AUG.2024 12:51:13



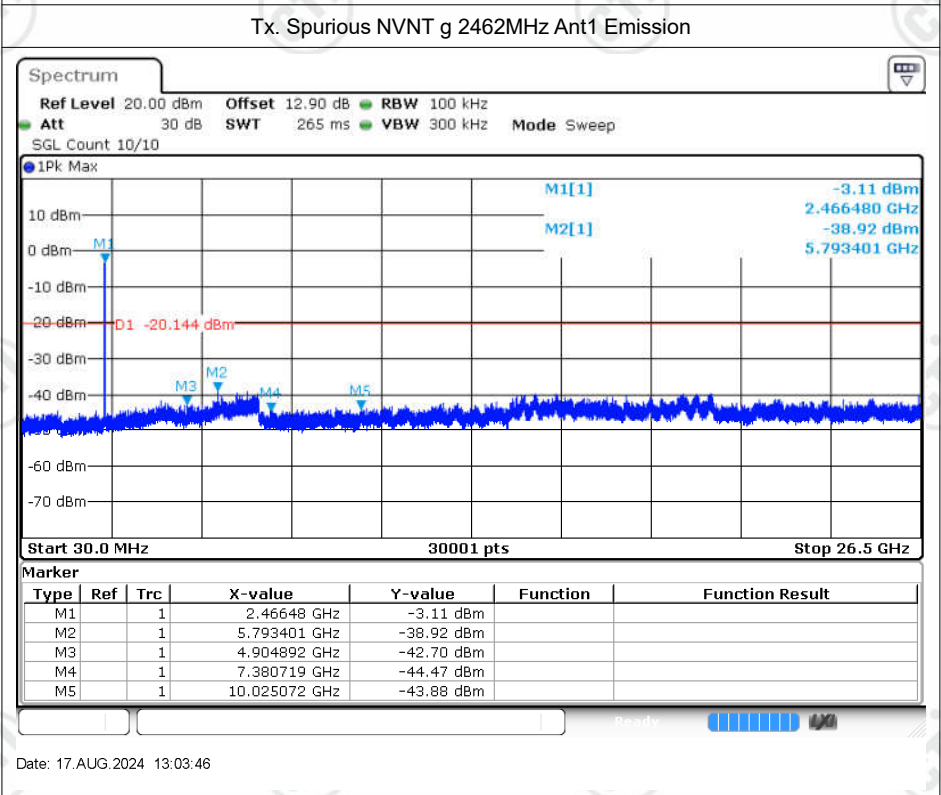
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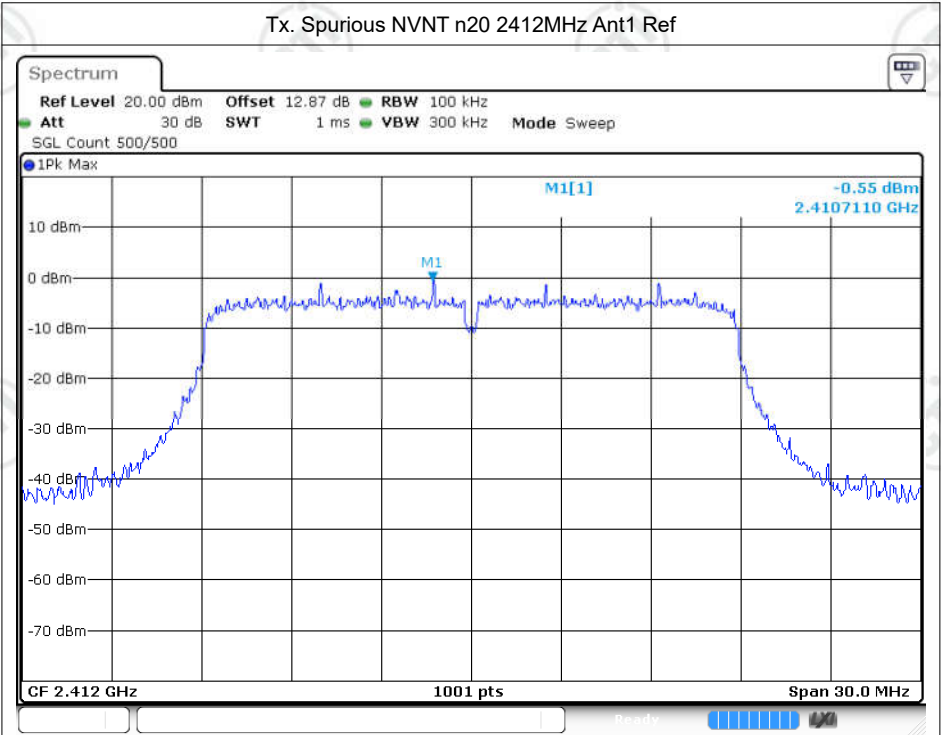
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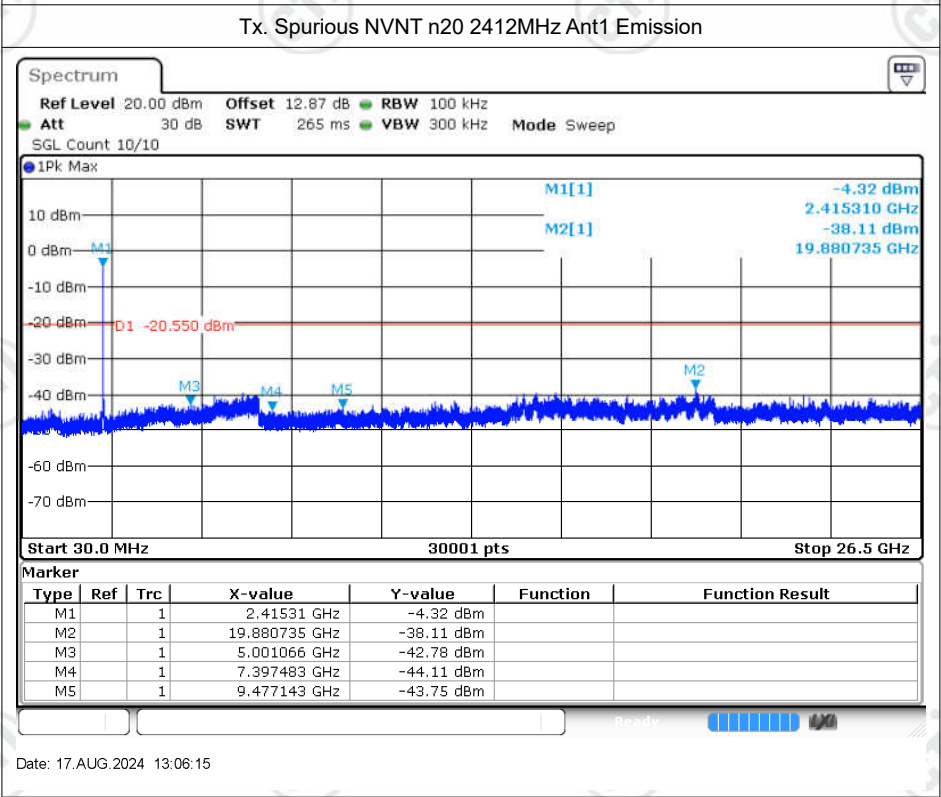
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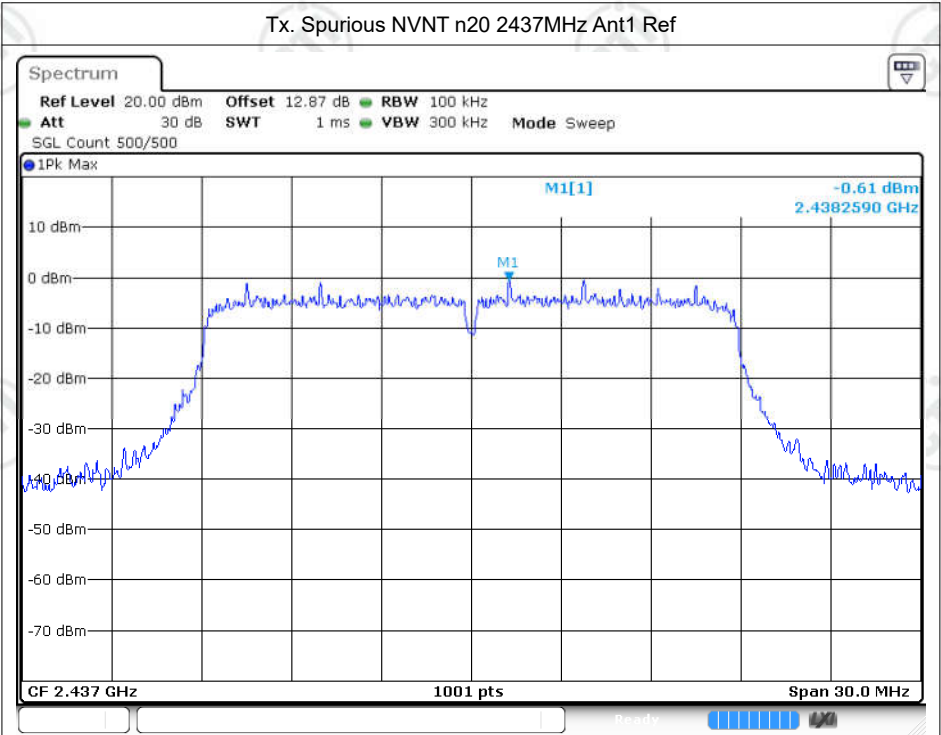
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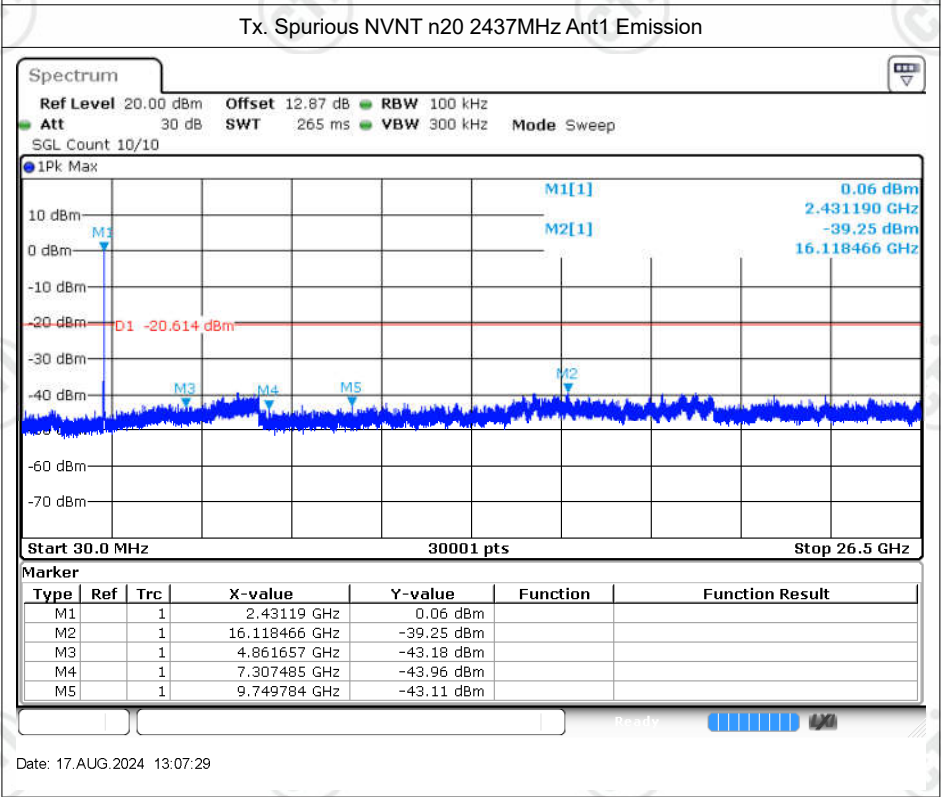
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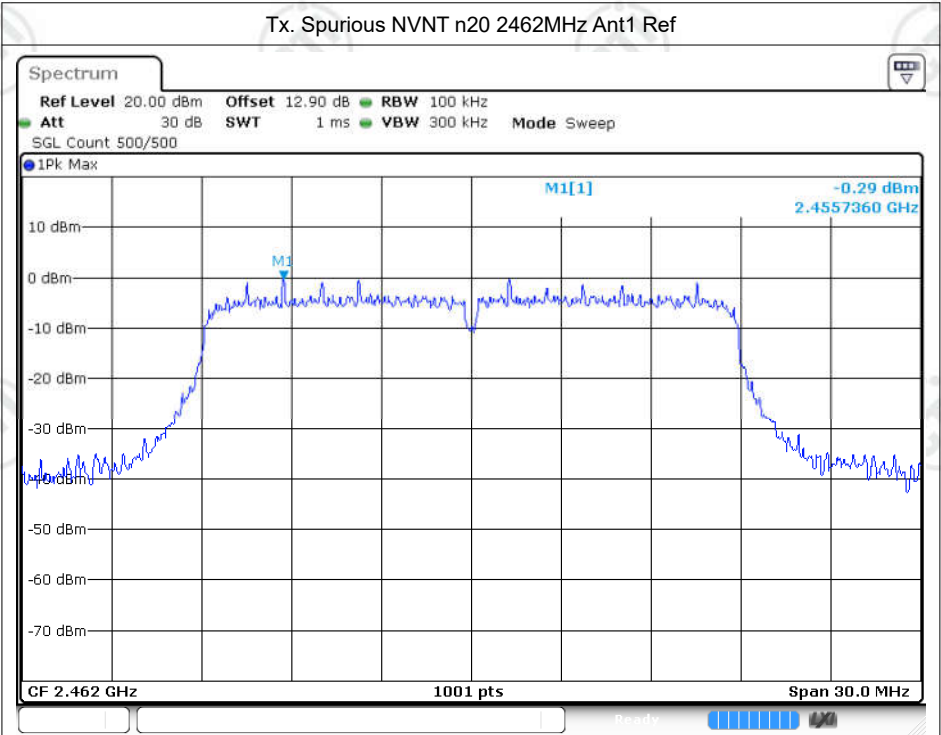
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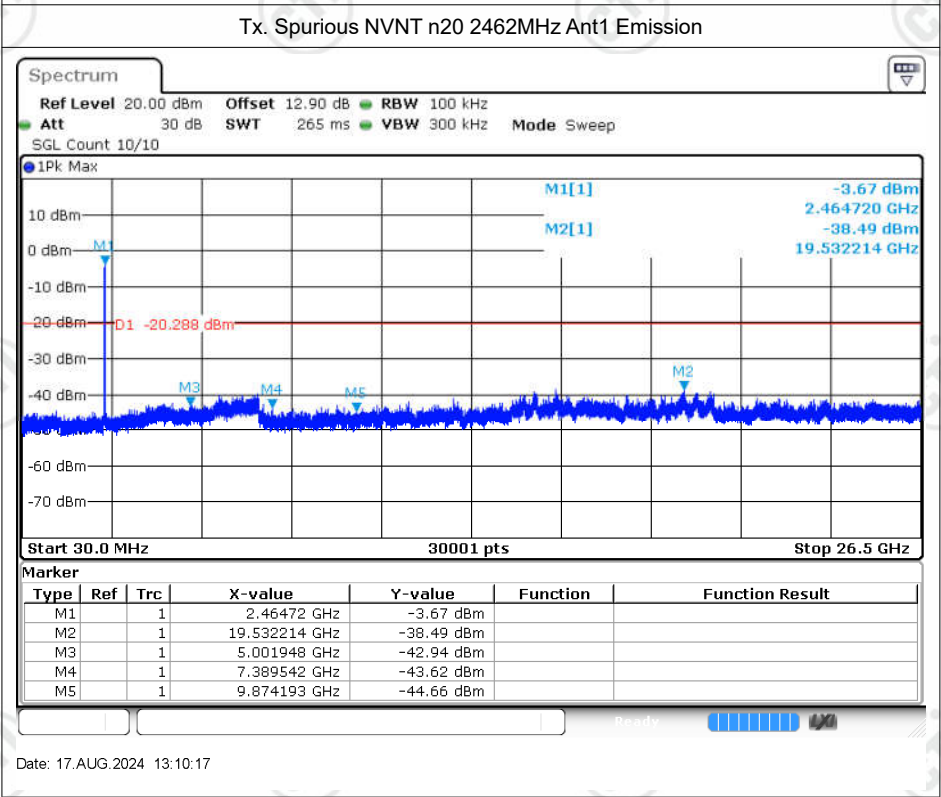
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Date: 17.AUG.2024 13:07:29



Date: 17.AUG.2024 13:10:06



Date: 17.AUG.2024 13:10:17

*** End of Report ***