

Appendix: 2.4G Wi-Fi

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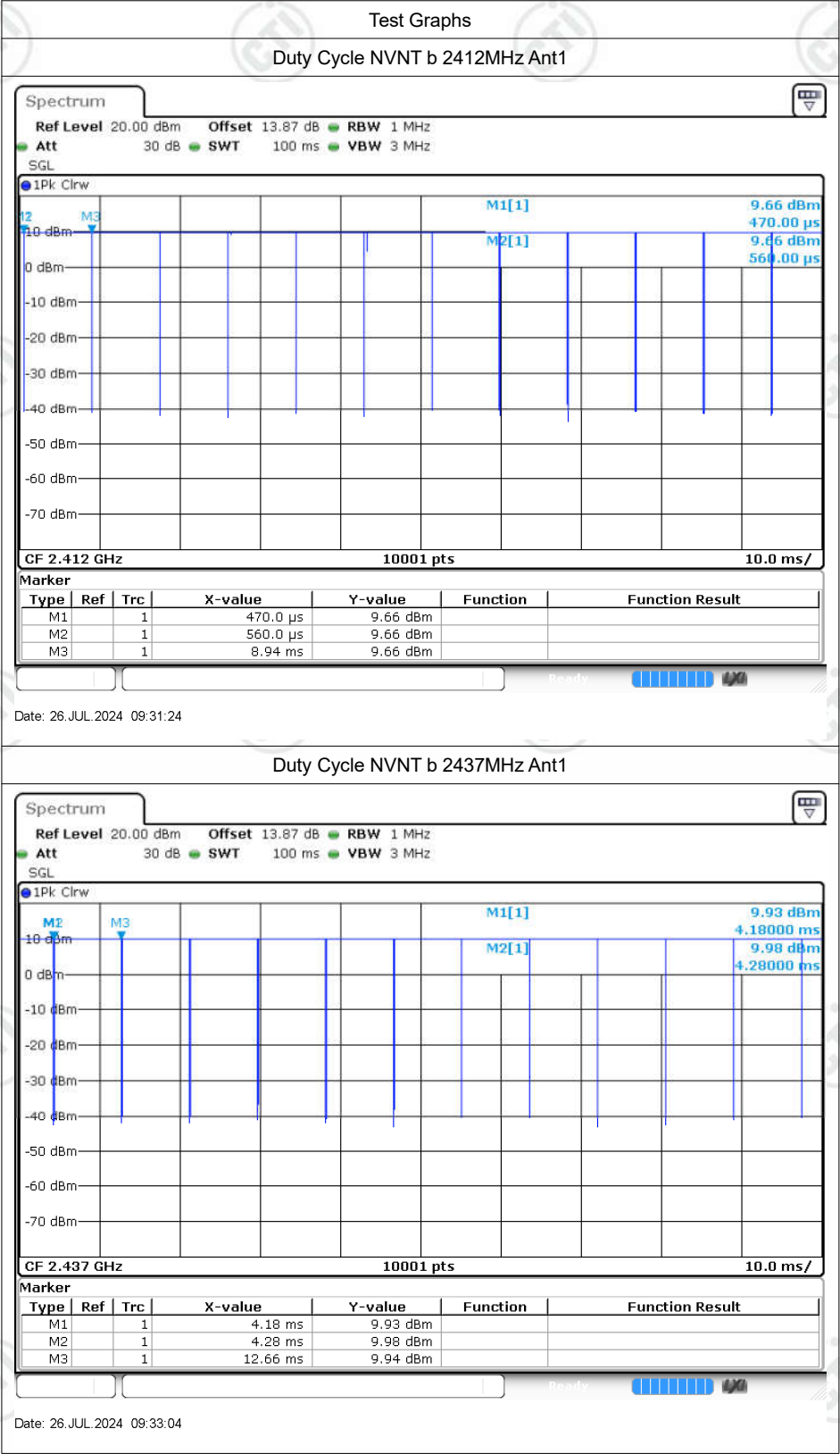
Band Edge 64

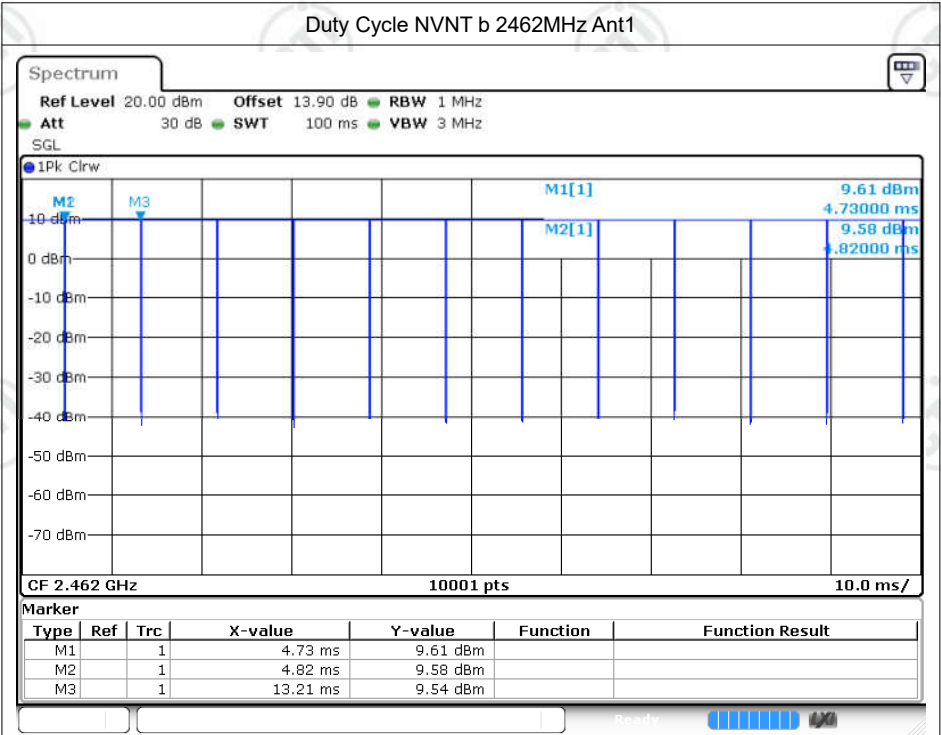
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Duty Cycle

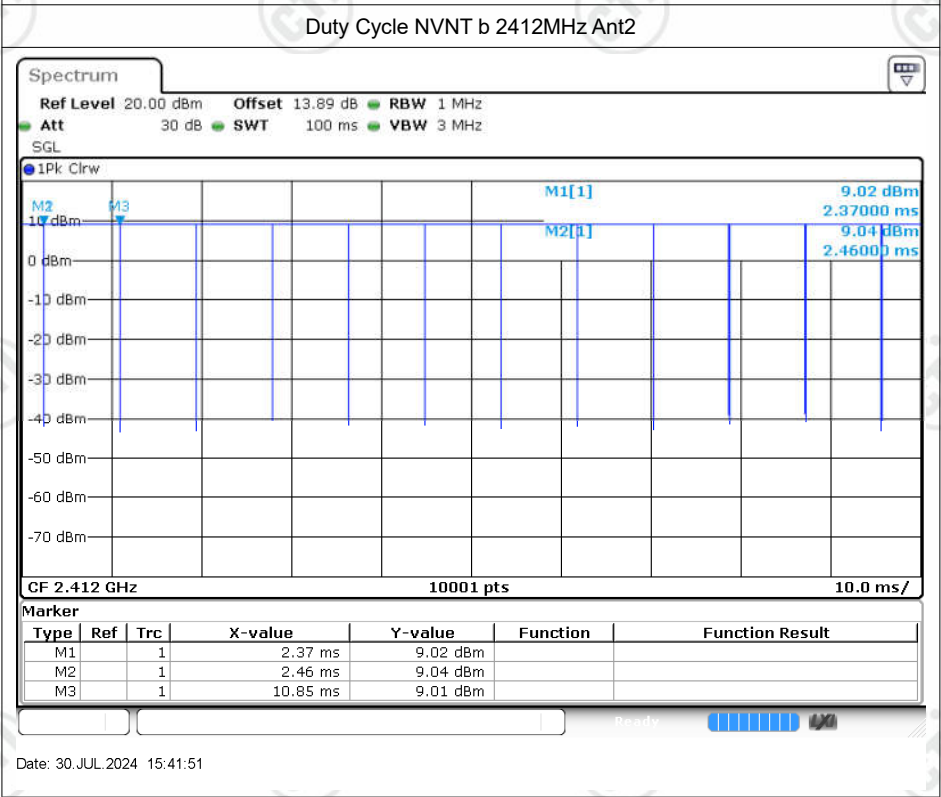
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	98.94	0	0.12
NVNT	b	2437	Ant1	98.82	0	0.12
NVNT	b	2462	Ant1	98.94	0	0.12
NVNT	b	2412	Ant2	98.94	0	0.12
NVNT	b	2437	Ant2	98.94	0	0.12
NVNT	b	2462	Ant2	98.94	0	0.12
NVNT	g	2412	Ant1	93.29	0.3	0.72
NVNT	g	2437	Ant1	93.29	0.3	0.72
NVNT	g	2462	Ant1	93.96	0.27	0.71
NVNT	g	2412	Ant2	93.29	0.3	0.72
NVNT	g	2437	Ant2	93.29	0.3	0.72
NVNT	g	2462	Ant2	93.29	0.3	0.72
NVNT	n20	2412	Ant1	92.86	0.32	0.77
NVNT	n20	2437	Ant1	93.57	0.29	0.76
NVNT	n20	2462	Ant1	93.53	0.29	0.77
NVNT	n20	2412	Ant2	92.86	0.32	0.77
NVNT	n20	2437	Ant2	92.86	0.32	0.77
NVNT	n20	2462	Ant2	92.86	0.32	0.77
NVNT	n40	2422	Ant1	86.67	0.62	1.54
NVNT	n40	2437	Ant1	87.84	0.56	1.54
NVNT	n40	2452	Ant1	87.84	0.56	1.54
NVNT	n40	2422	Ant2	86.67	0.62	1.54
NVNT	n40	2437	Ant2	86.67	0.62	1.54
NVNT	n40	2452	Ant2	87.84	0.56	1.54

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

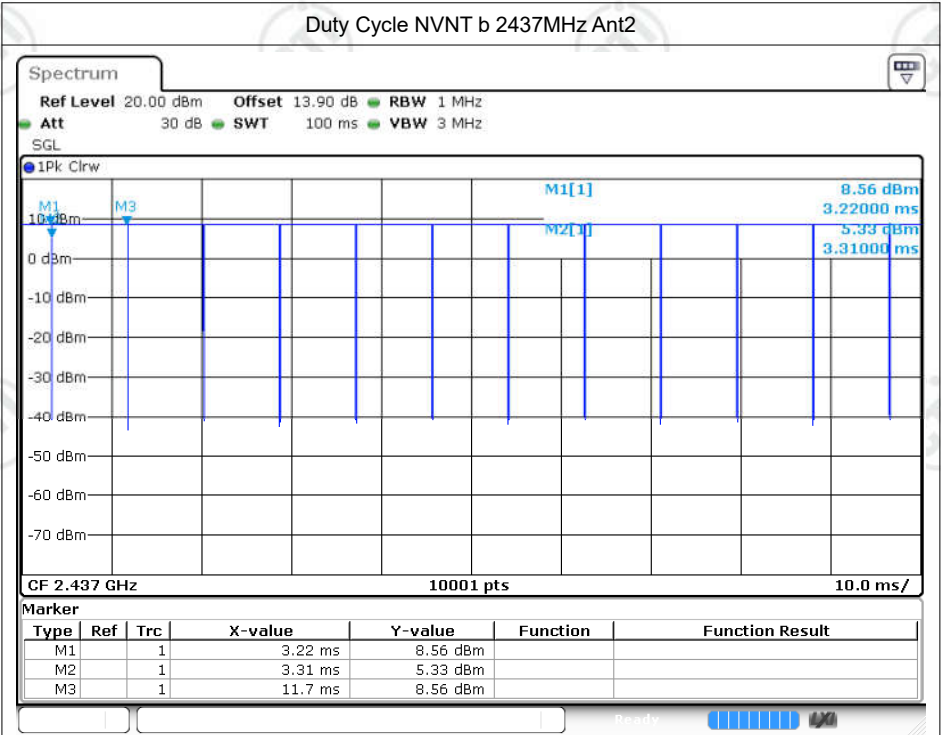




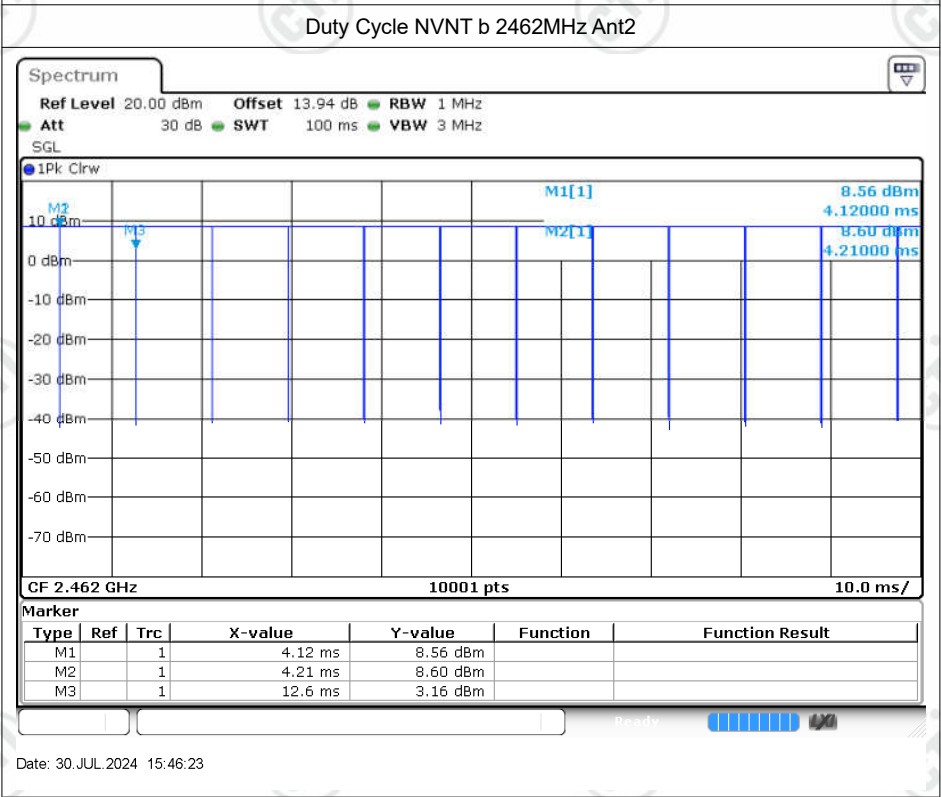
Date: 26 JUL 2024 09:34:48



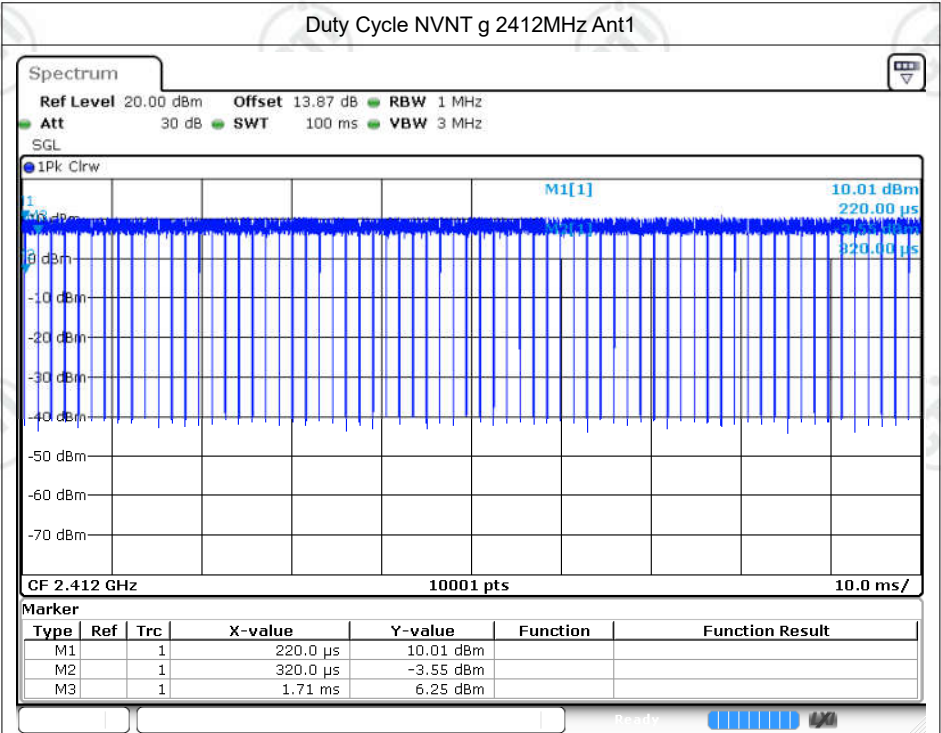
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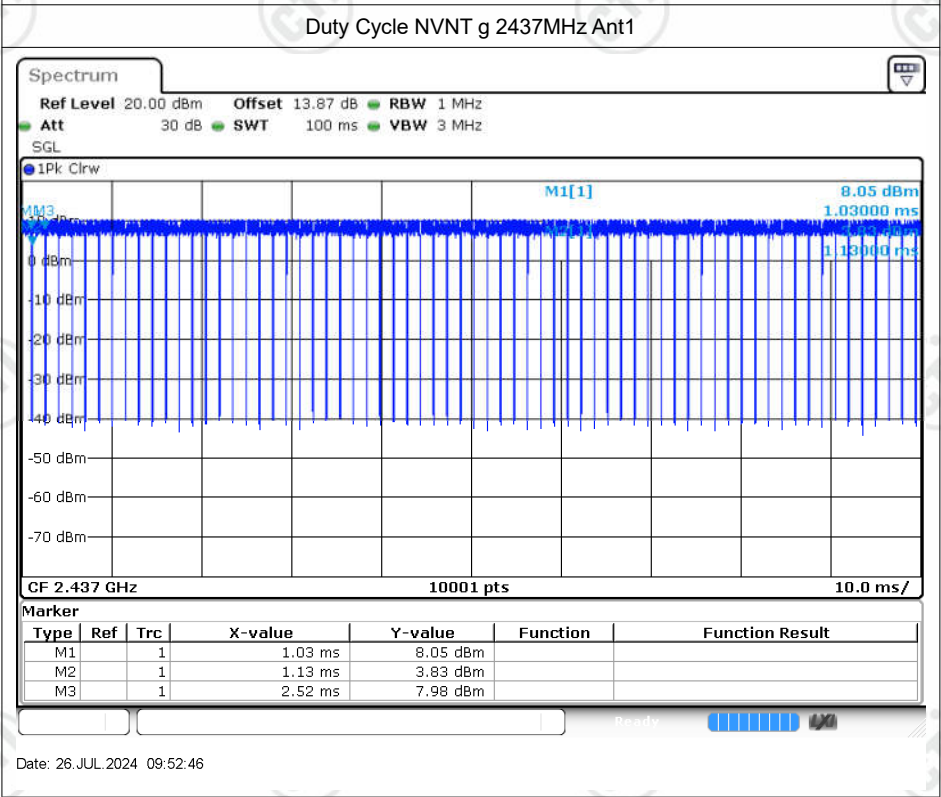
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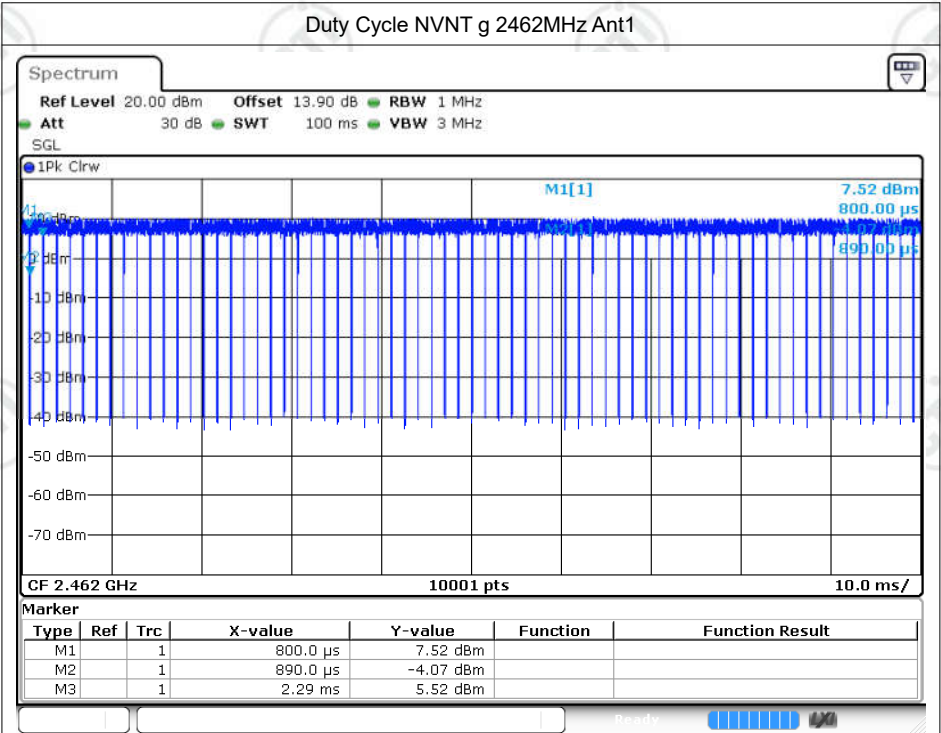
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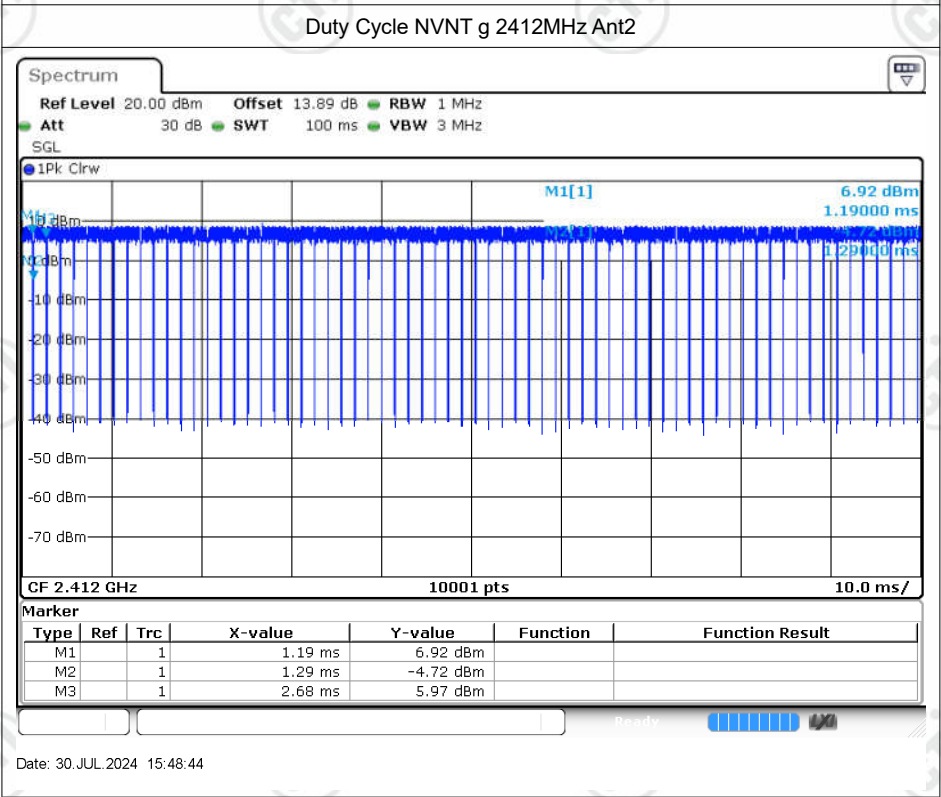
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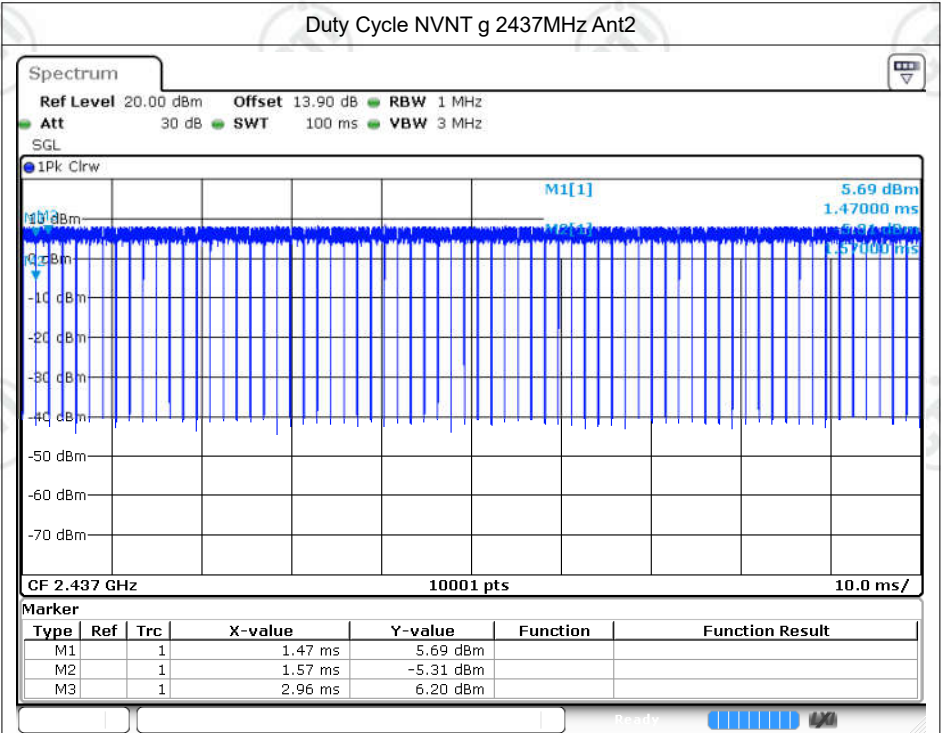
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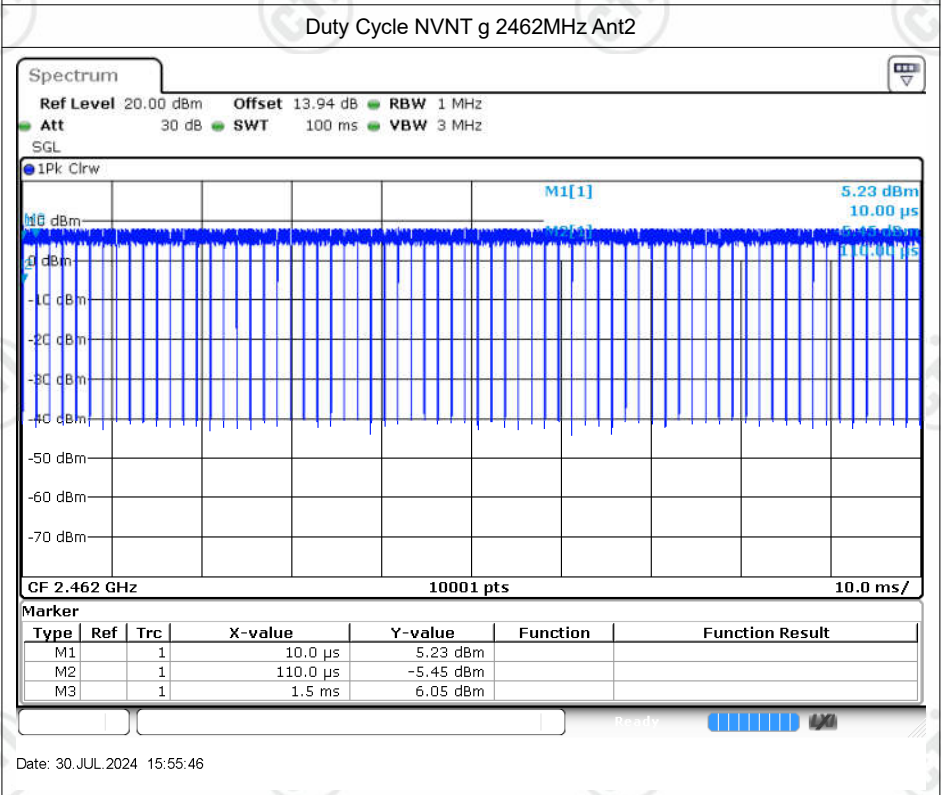
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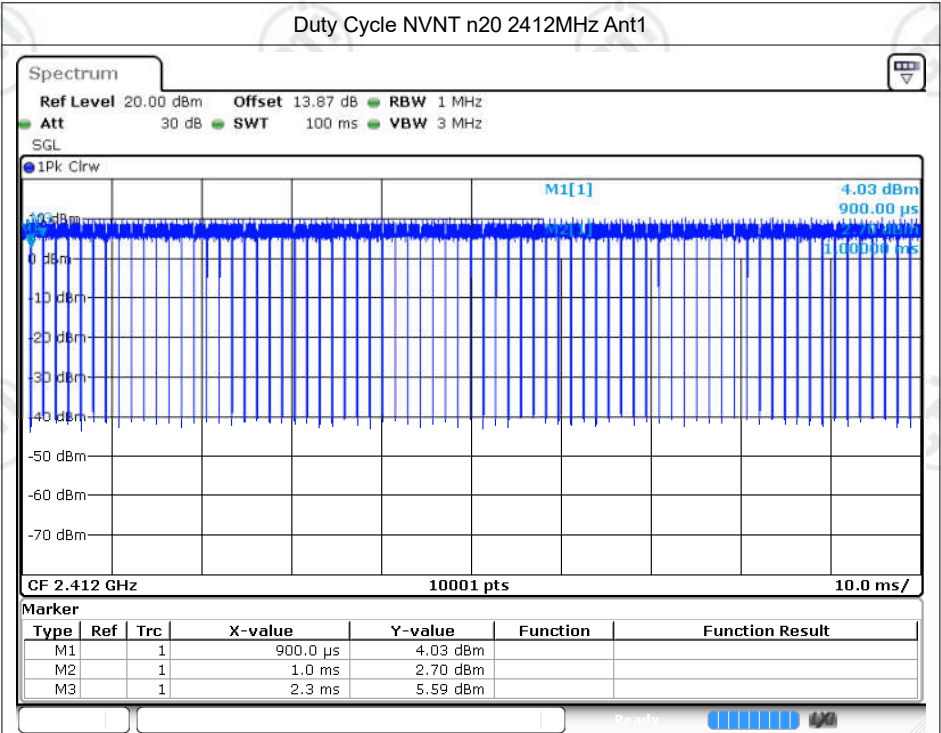
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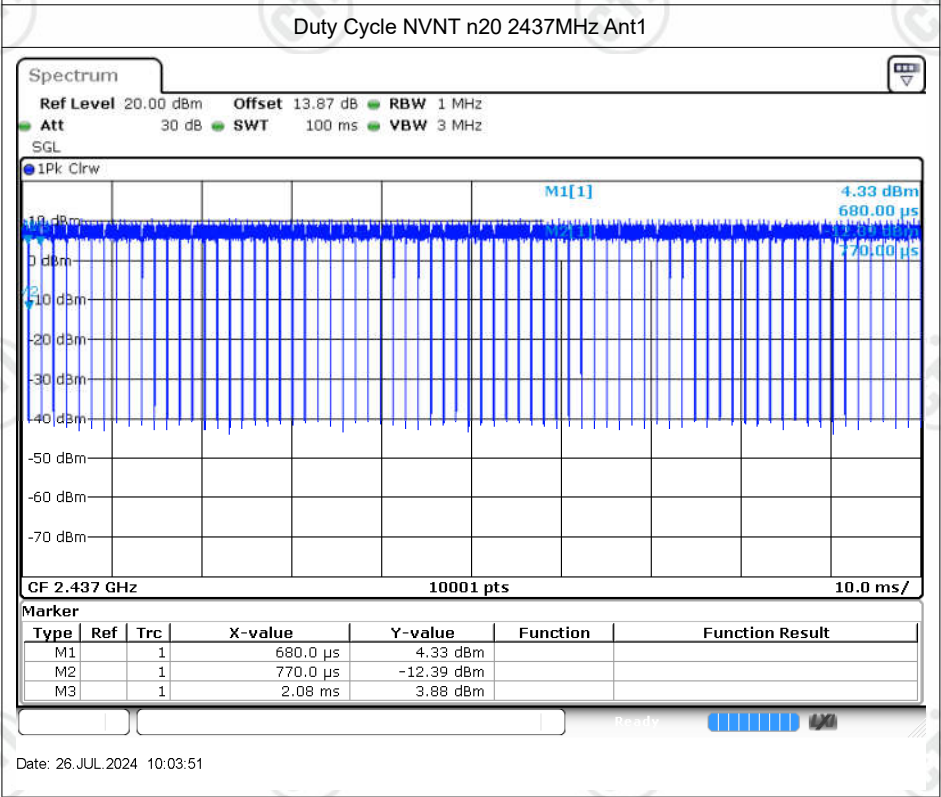
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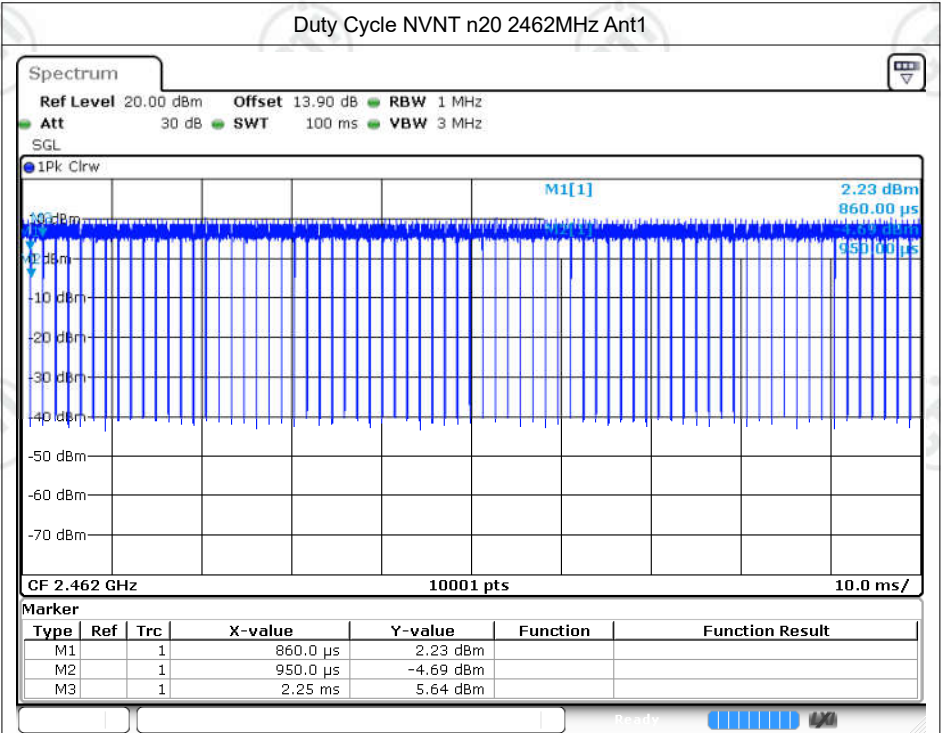
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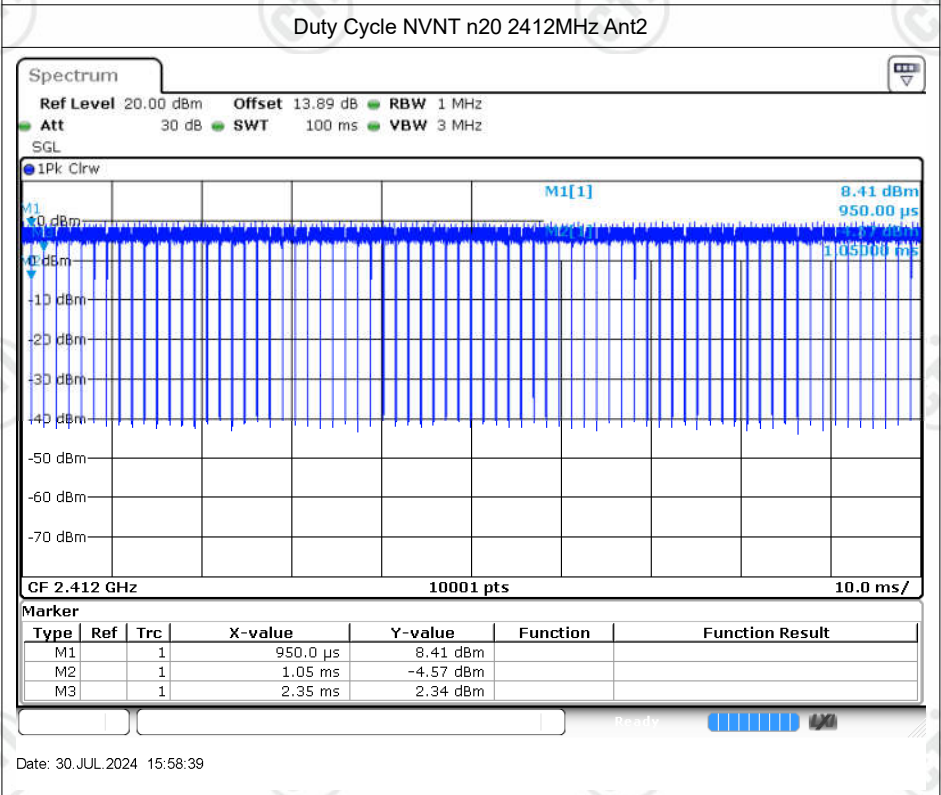
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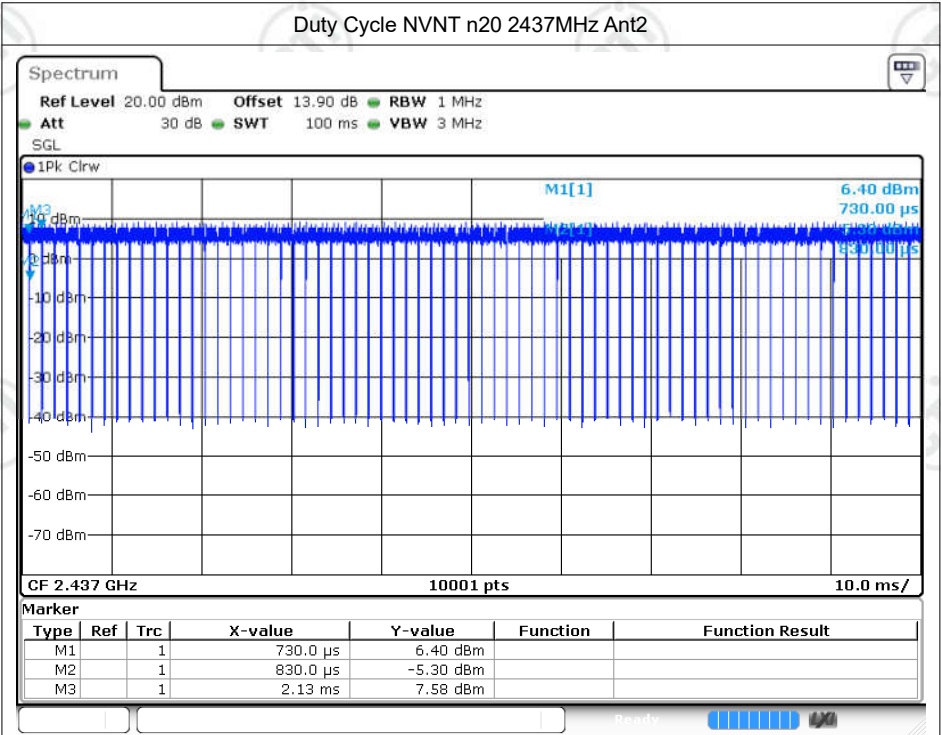
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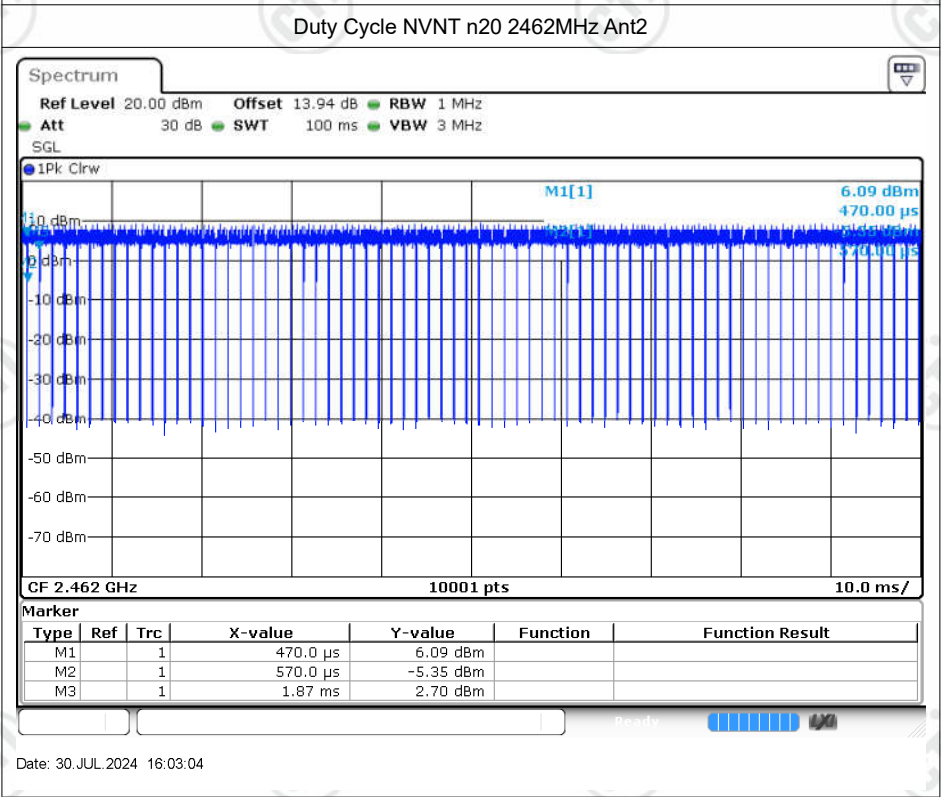
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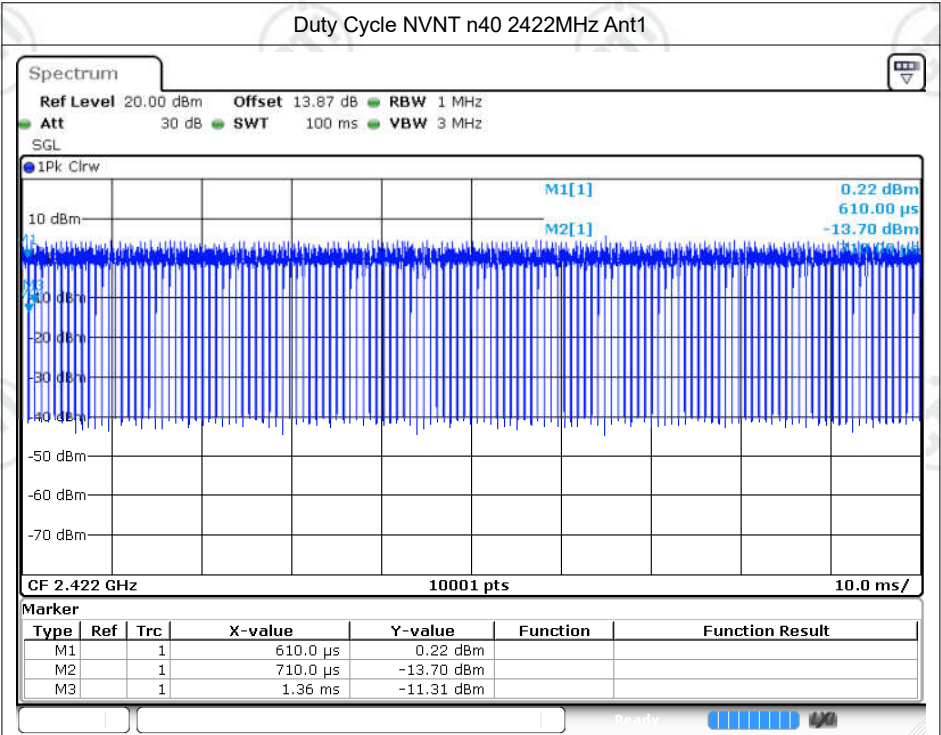
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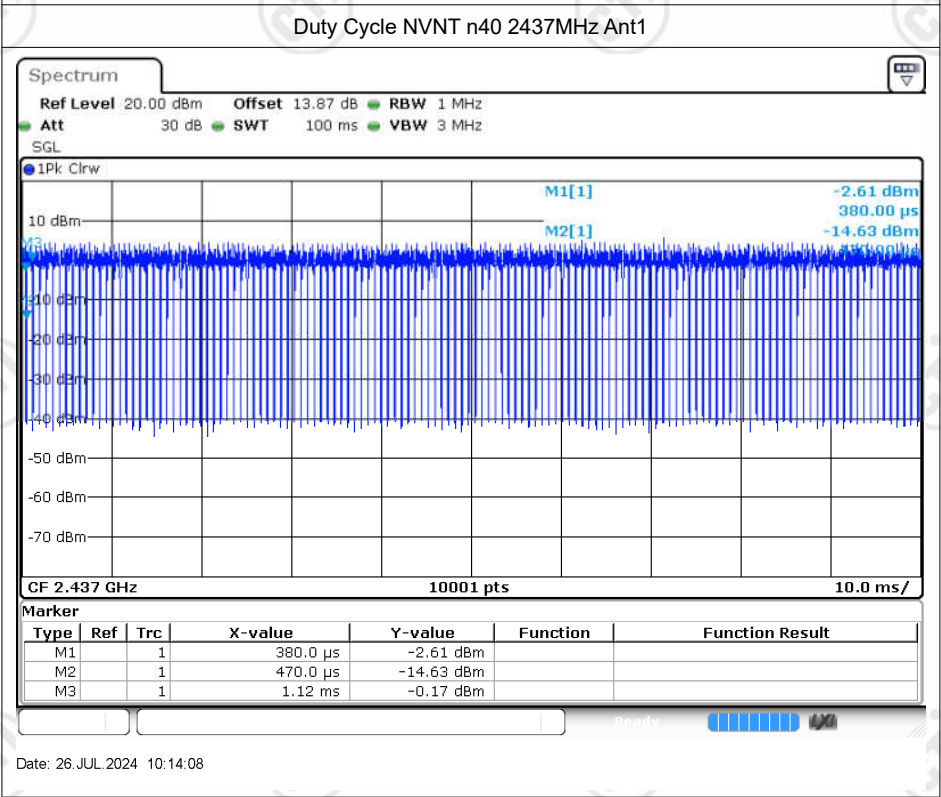
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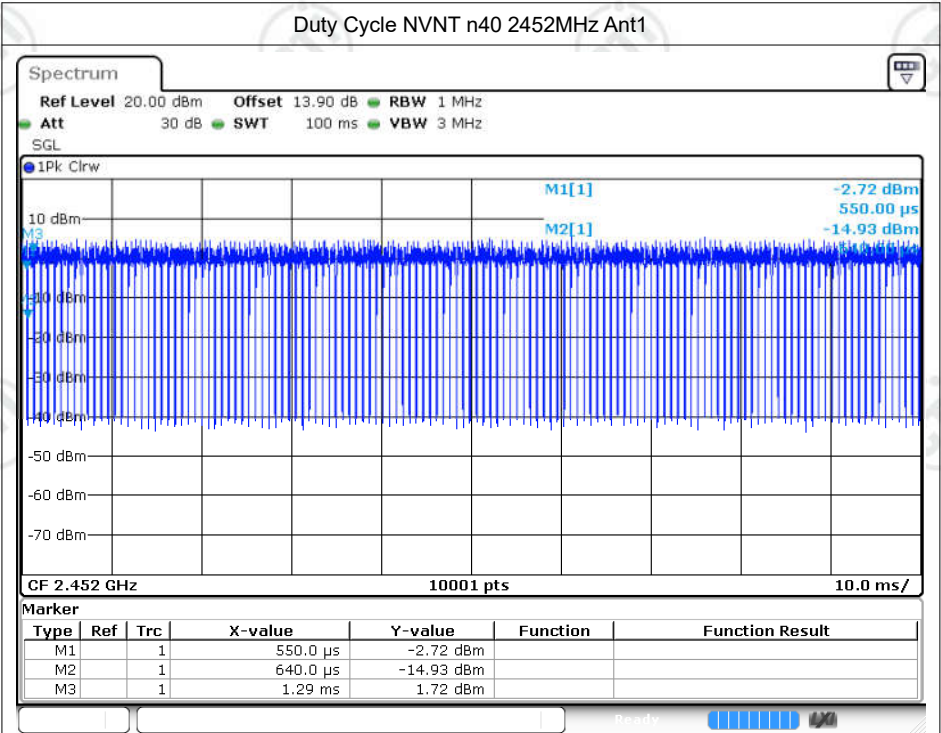
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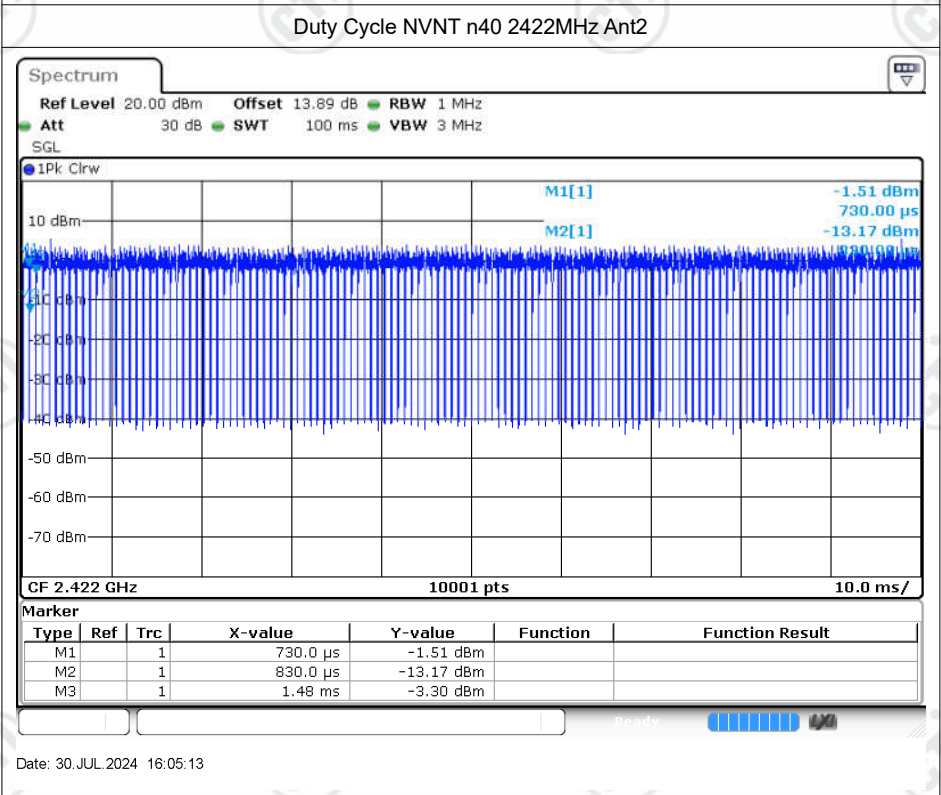
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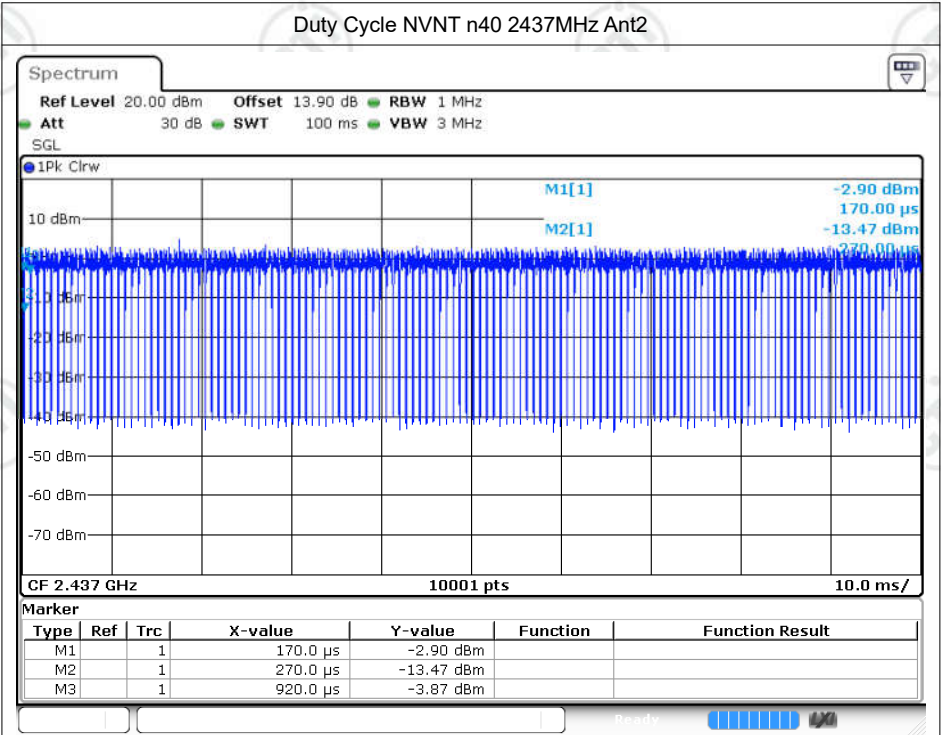
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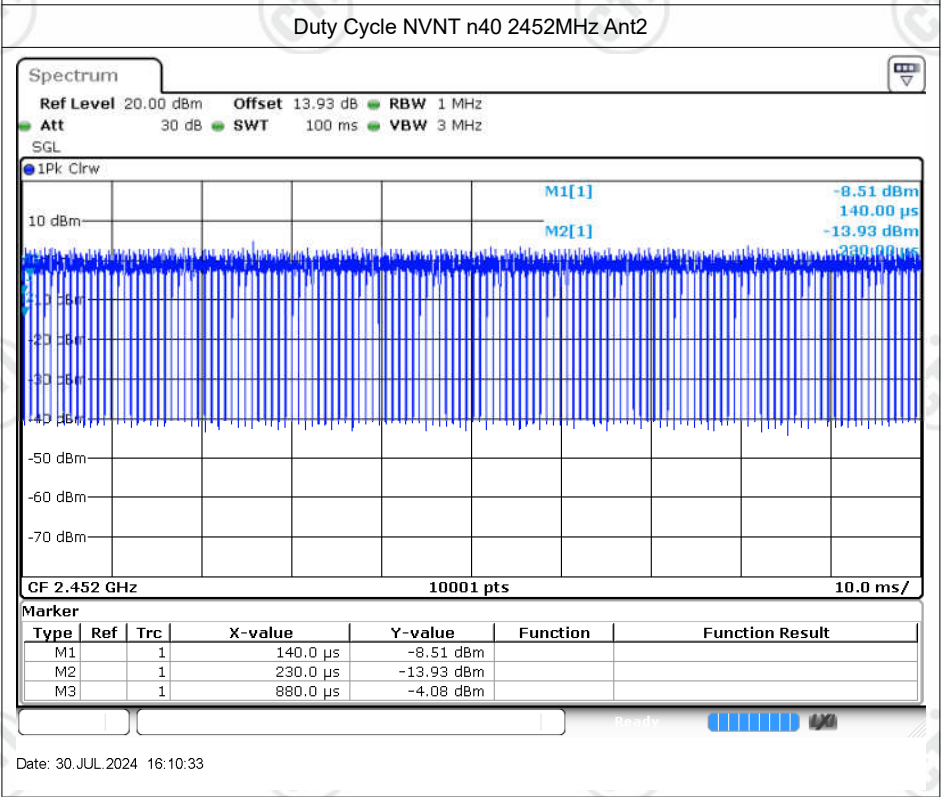
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Date: 30 JUL 2024 16:05:13



Date: 30 JUL 2024 16:07:40



Date: 30 JUL 2024 16:10:33

Maximum Peak Conducted Output Power

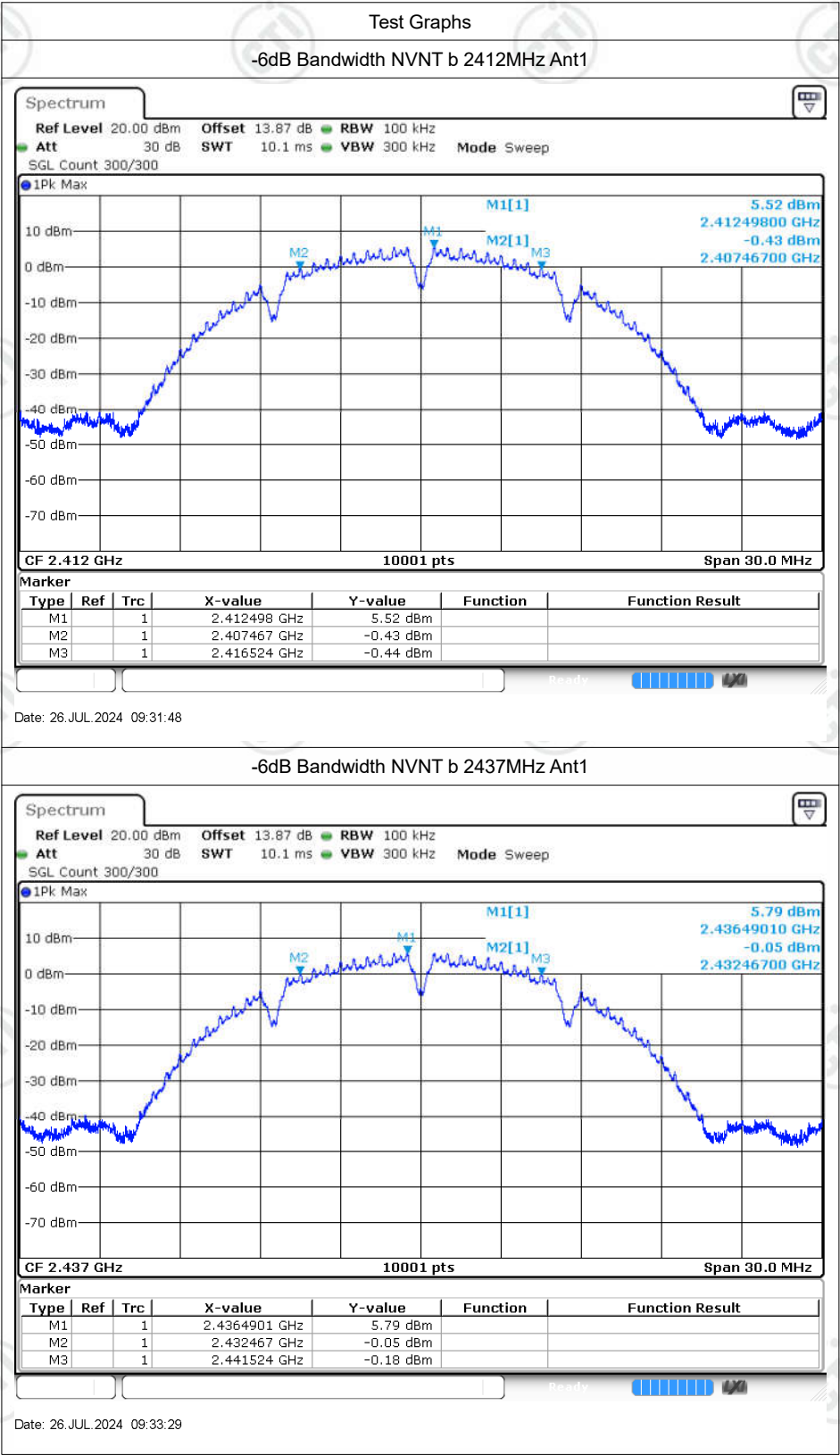
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.37	30	Pass
NVNT	b	2437	Ant1	15.63	30	Pass
NVNT	b	2462	Ant1	15.21	30	Pass
NVNT	b	2412	Ant2	14.58	30	Pass
NVNT	b	2437	Ant2	14.48	30	Pass
NVNT	b	2462	Ant2	14.32	30	Pass
NVNT	g	2412	Ant1	14.69	30	Pass
NVNT	g	2437	Ant1	14.91	30	Pass
NVNT	g	2462	Ant1	14.40	30	Pass
NVNT	g	2412	Ant2	13.04	30	Pass
NVNT	g	2437	Ant2	12.55	30	Pass
NVNT	g	2462	Ant2	12.52	30	Pass
NVNT	n20SISO	2412	Ant1	13.60	30	Pass
NVNT	n20SISO	2437	Ant1	13.93	30	Pass
NVNT	n20SISO	2462	Ant1	13.38	30	Pass
NVNT	n20SISO	2412	Ant2	12.86	30	Pass
NVNT	n20SISO	2437	Ant2	12.43	30	Pass
NVNT	n20SISO	2462	Ant2	12.38	30	Pass
NVNT	n20MIMO	2412	Ant1	5.57	30	Pass
NVNT	n20MIMO	2412	Ant2	4.44	30	Pass
NVNT	n20MIMO	2412	Sum	8.05	30	Pass
NVNT	n20MIMO	2437	Ant1	5.69	30	Pass
NVNT	n20MIMO	2437	Ant2	4.00	30	Pass
NVNT	n20MIMO	2437	Sum	7.94	30	Pass
NVNT	n20MIMO	2462	Ant1	5.06	30	Pass
NVNT	n20MIMO	2462	Ant2	4.14	30	Pass
NVNT	n20MIMO	2462	Sum	7.63	30	Pass
NVNT	n40SISO	2422	Ant1	14.00	30	Pass
NVNT	n40SISO	2437	Ant1	14.07	30	Pass
NVNT	n40SISO	2452	Ant1	14.08	30	Pass
NVNT	n40SISO	2422	Ant2	12.90	30	Pass
NVNT	n40SISO	2437	Ant2	12.55	30	Pass
NVNT	n40SISO	2452	Ant2	12.57	30	Pass
NVNT	n40MIMO	2422	Ant1	5.86	30	Pass
NVNT	n40MIMO	2422	Ant2	4.50	30	Pass
NVNT	n40MIMO	2422	Sum	8.24	30	Pass
NVNT	n40MIMO	2437	Ant1	5.84	30	Pass
NVNT	n40MIMO	2437	Ant2	3.79	30	Pass

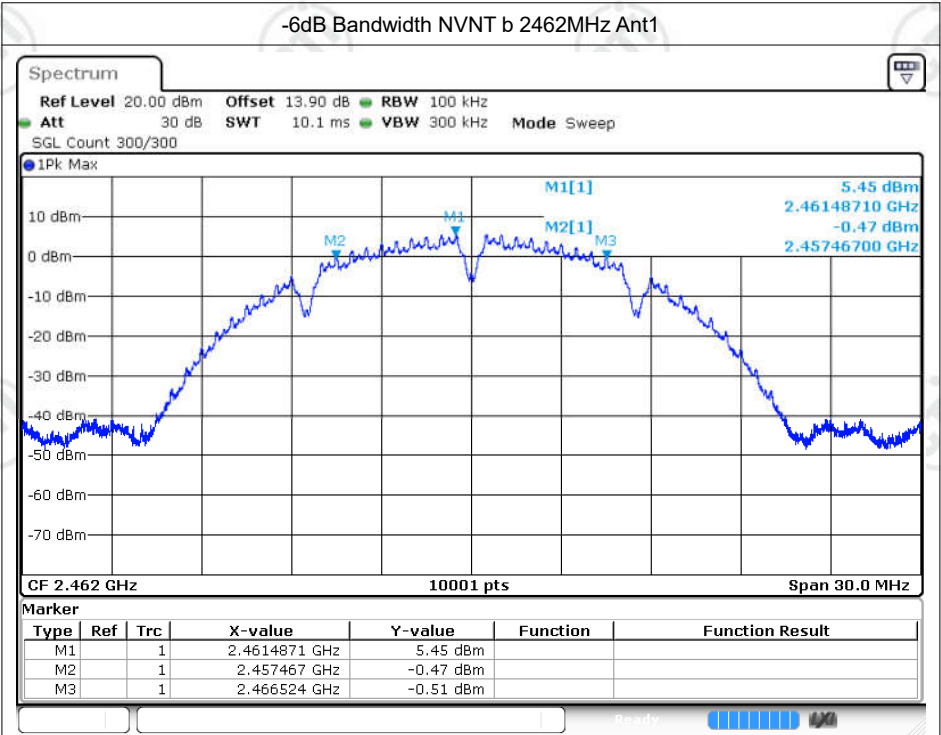
NVNT	n40MIMO	2437	Sum	7.95	30	Pass
NVNT	n40MIMO	2452	Ant1	5.77	30	Pass
NVNT	n40MIMO	2452	Ant2	3.98	30	Pass
NVNT	n40MIMO	2452	Sum	7.98	30	Pass

Note: The result of Conducted Power has been added Duty Cycle Correction Factor;

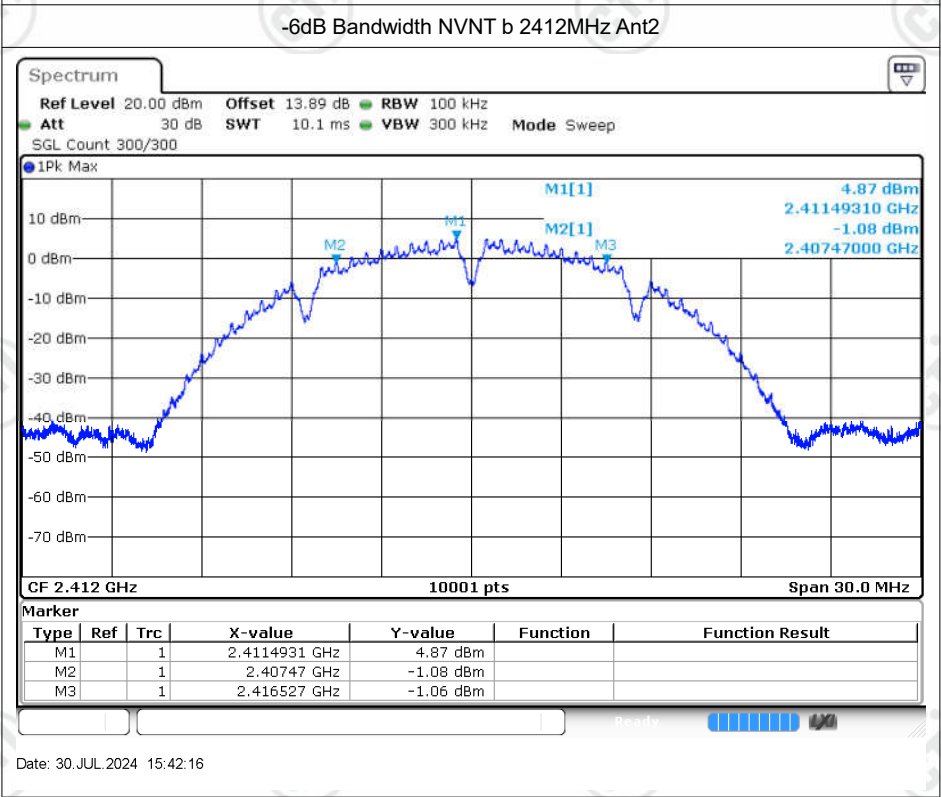
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.057	0.5	Pass
NVNT	b	2437	Ant1	9.057	0.5	Pass
NVNT	b	2462	Ant1	9.057	0.5	Pass
NVNT	b	2412	Ant2	9.057	0.5	Pass
NVNT	b	2437	Ant2	8.067	0.5	Pass
NVNT	b	2462	Ant2	9.06	0.5	Pass
NVNT	g	2412	Ant1	15.072	0.5	Pass
NVNT	g	2437	Ant1	15.111	0.5	Pass
NVNT	g	2462	Ant1	15.105	0.5	Pass
NVNT	g	2412	Ant2	15.078	0.5	Pass
NVNT	g	2437	Ant2	15.117	0.5	Pass
NVNT	g	2462	Ant2	15.078	0.5	Pass
NVNT	n20	2412	Ant1	15.117	0.5	Pass
NVNT	n20	2437	Ant1	15.066	0.5	Pass
NVNT	n20	2462	Ant1	15.099	0.5	Pass
NVNT	n20	2412	Ant2	15.108	0.5	Pass
NVNT	n20	2437	Ant2	15.105	0.5	Pass
NVNT	n20	2462	Ant2	15.084	0.5	Pass
NVNT	n40	2422	Ant1	34.998	0.5	Pass
NVNT	n40	2437	Ant1	35.07	0.5	Pass
NVNT	n40	2452	Ant1	35.088	0.5	Pass
NVNT	n40	2422	Ant2	35.112	0.5	Pass
NVNT	n40	2437	Ant2	35.106	0.5	Pass
NVNT	n40	2452	Ant2	35.106	0.5	Pass

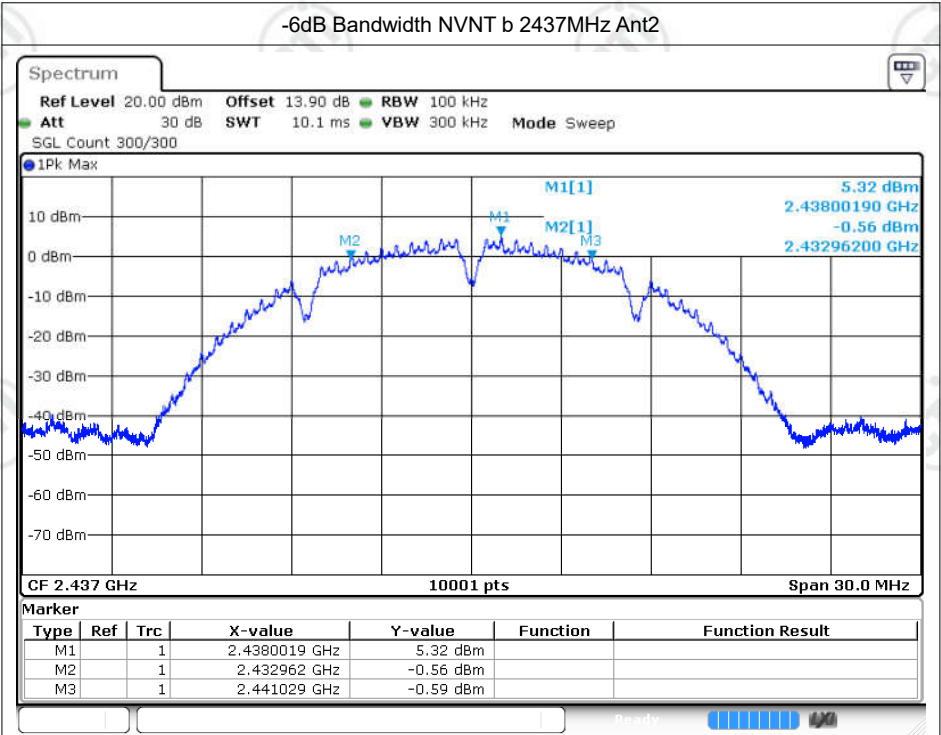




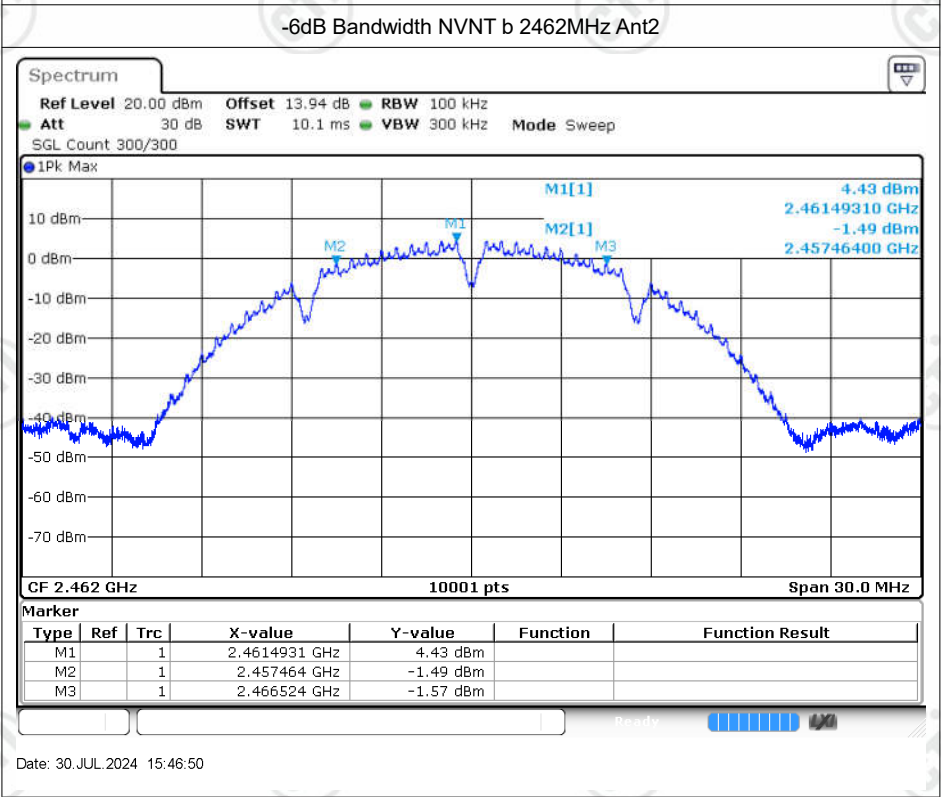
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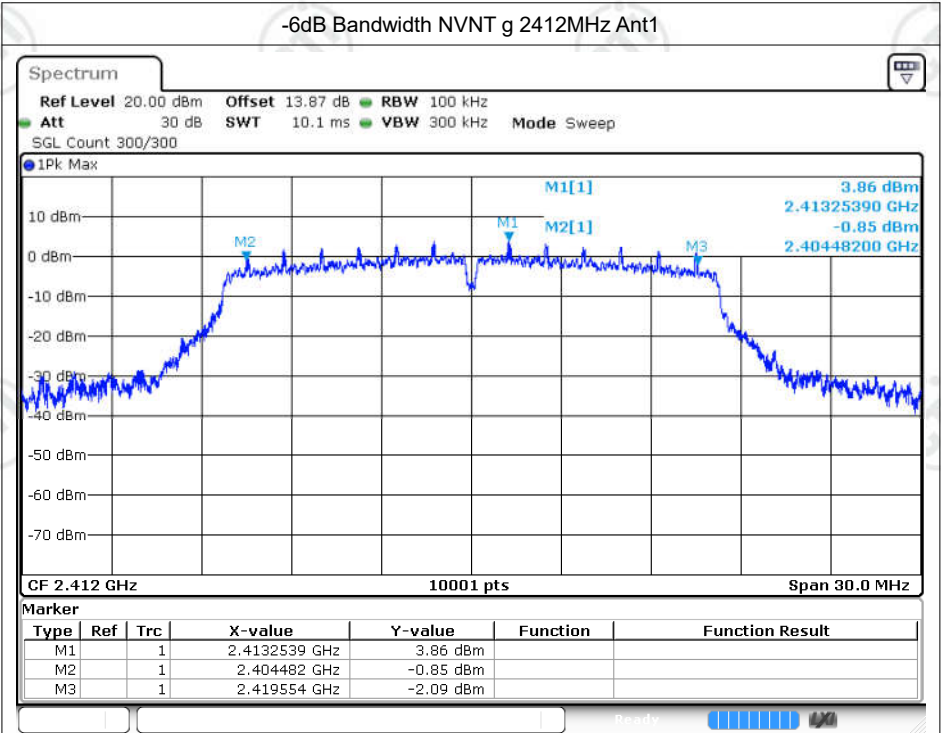
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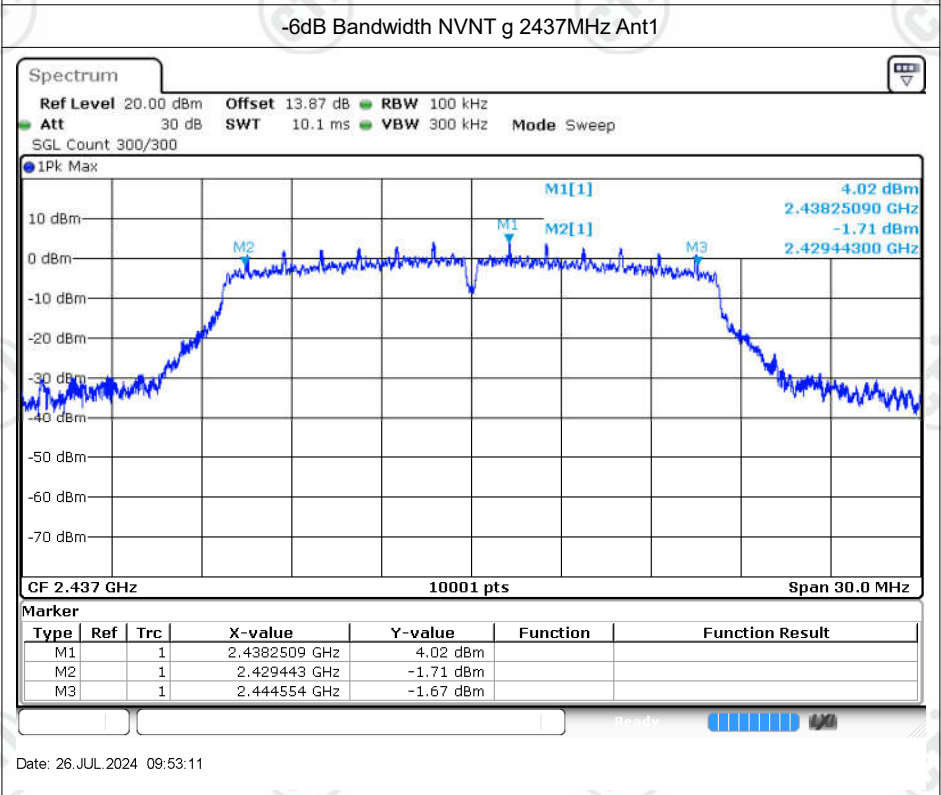
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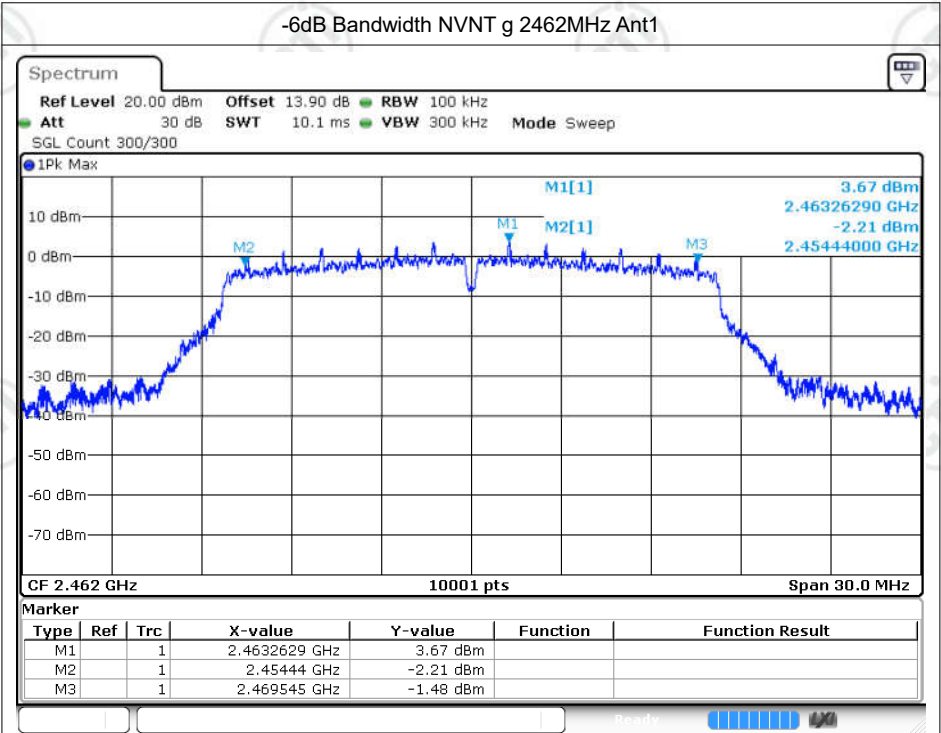
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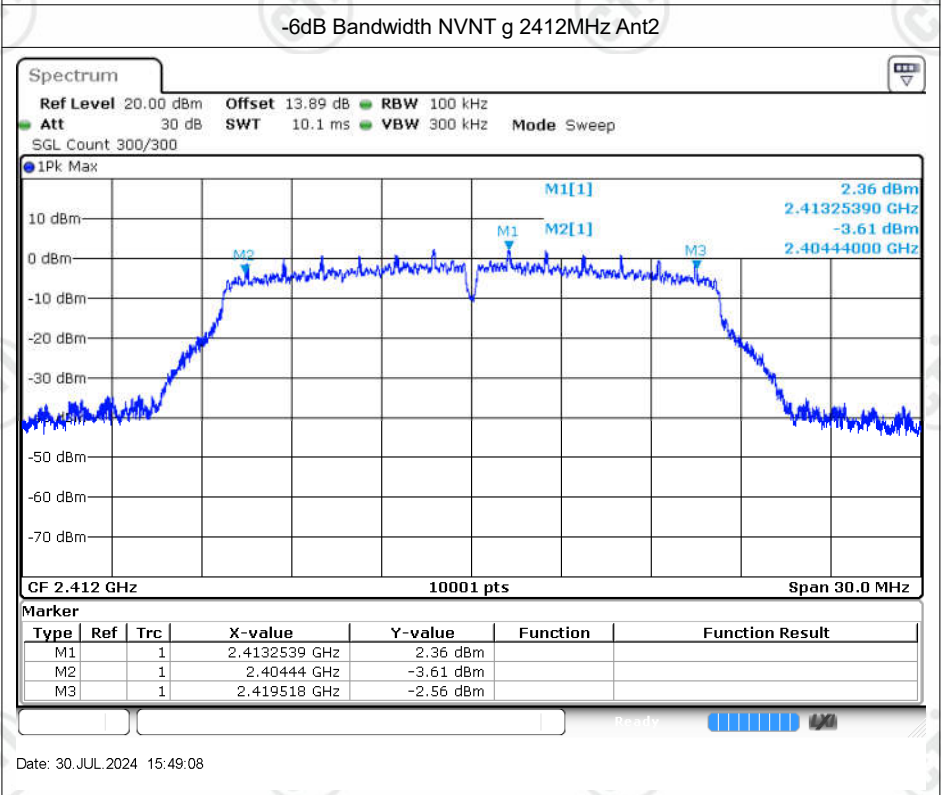
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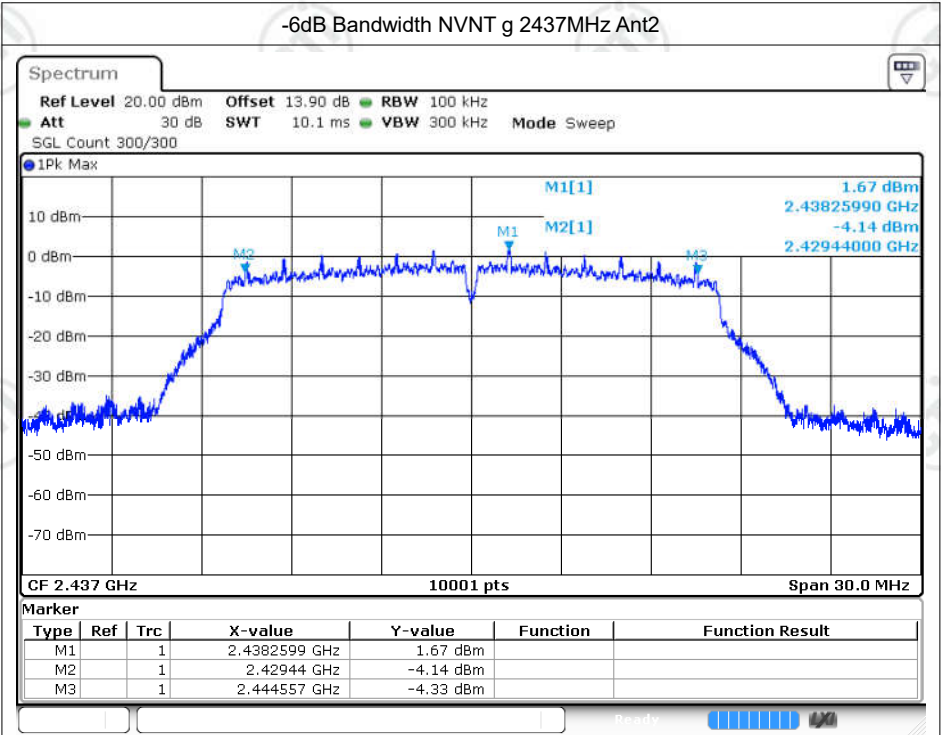
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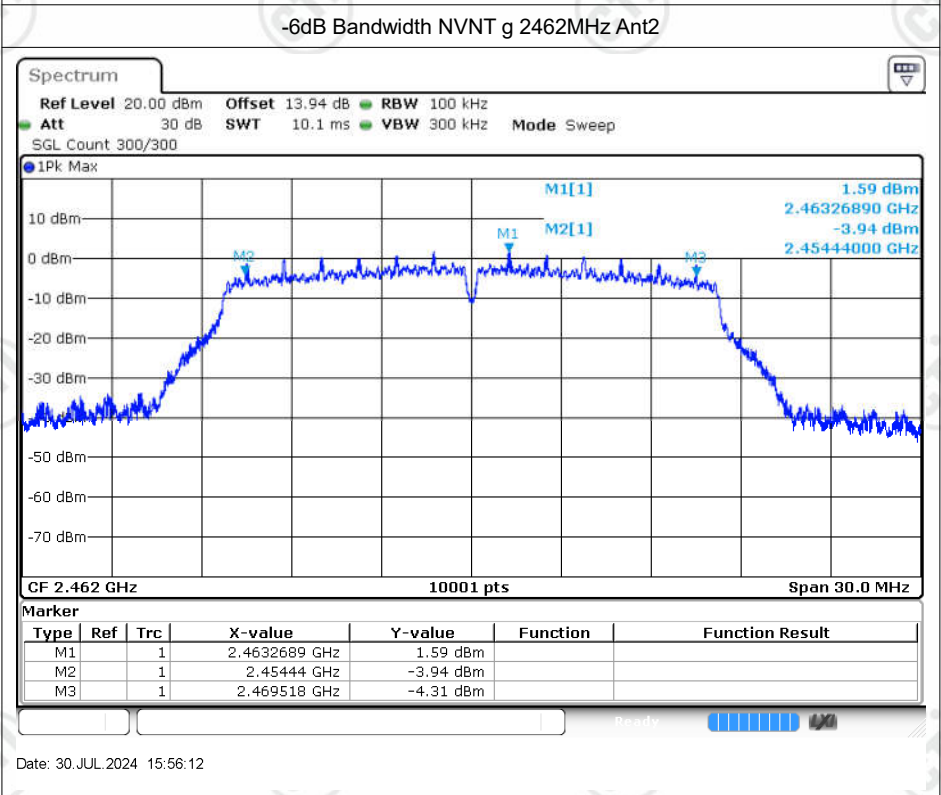
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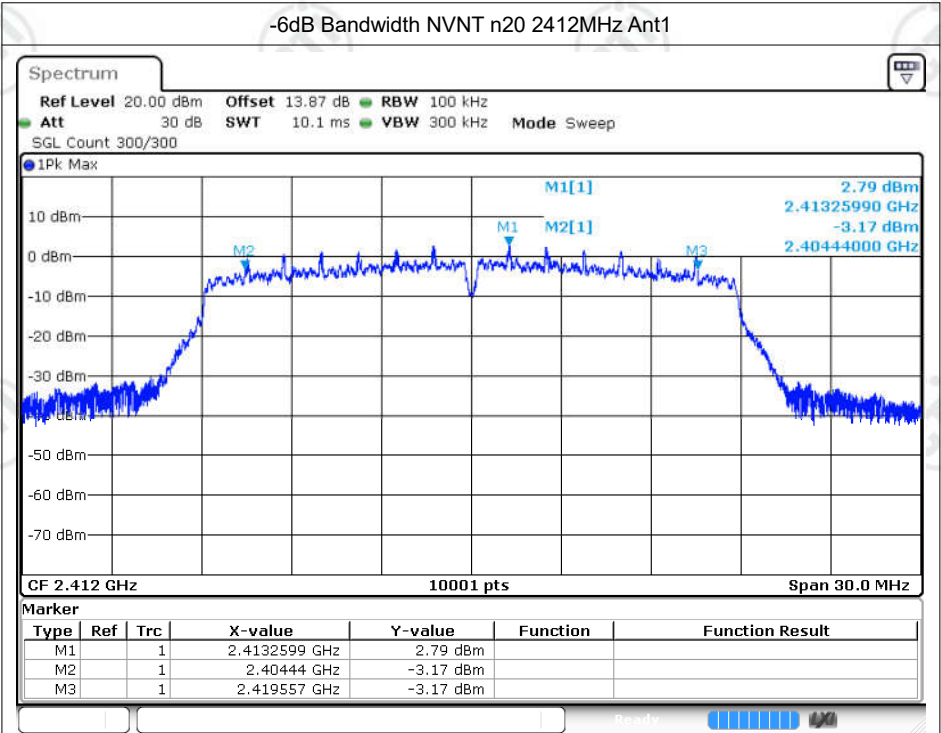
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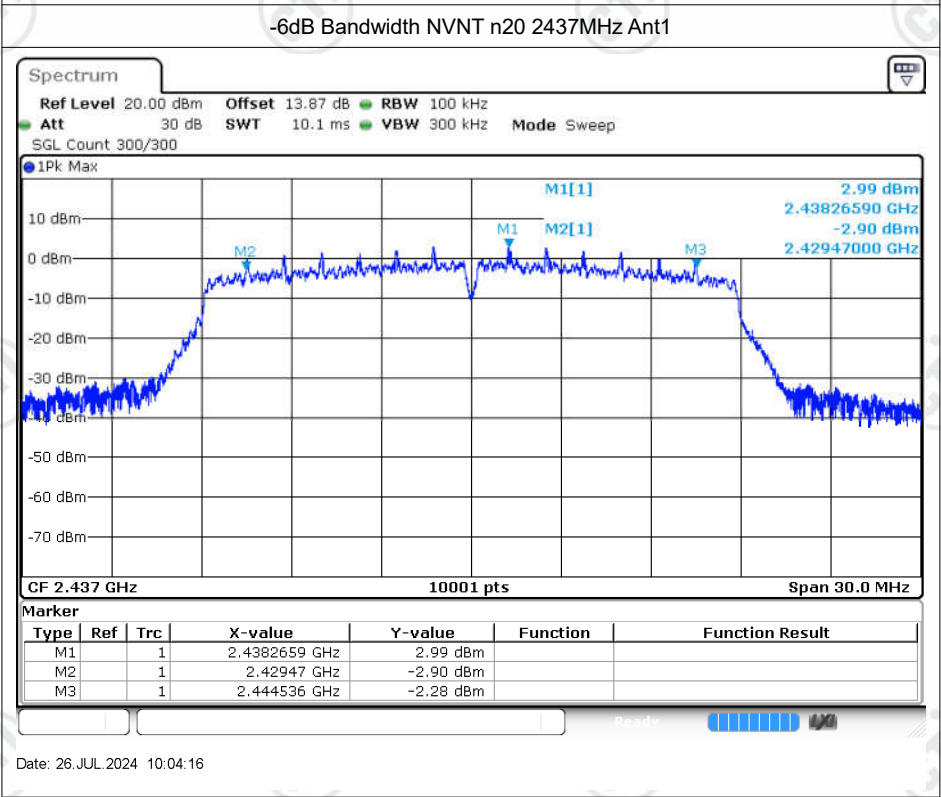
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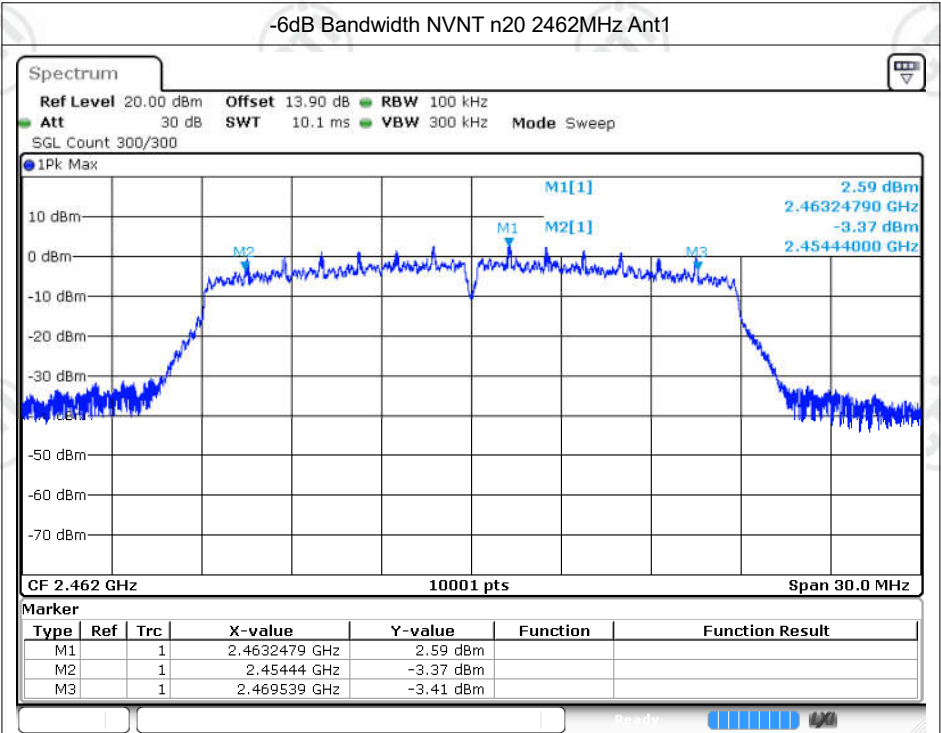
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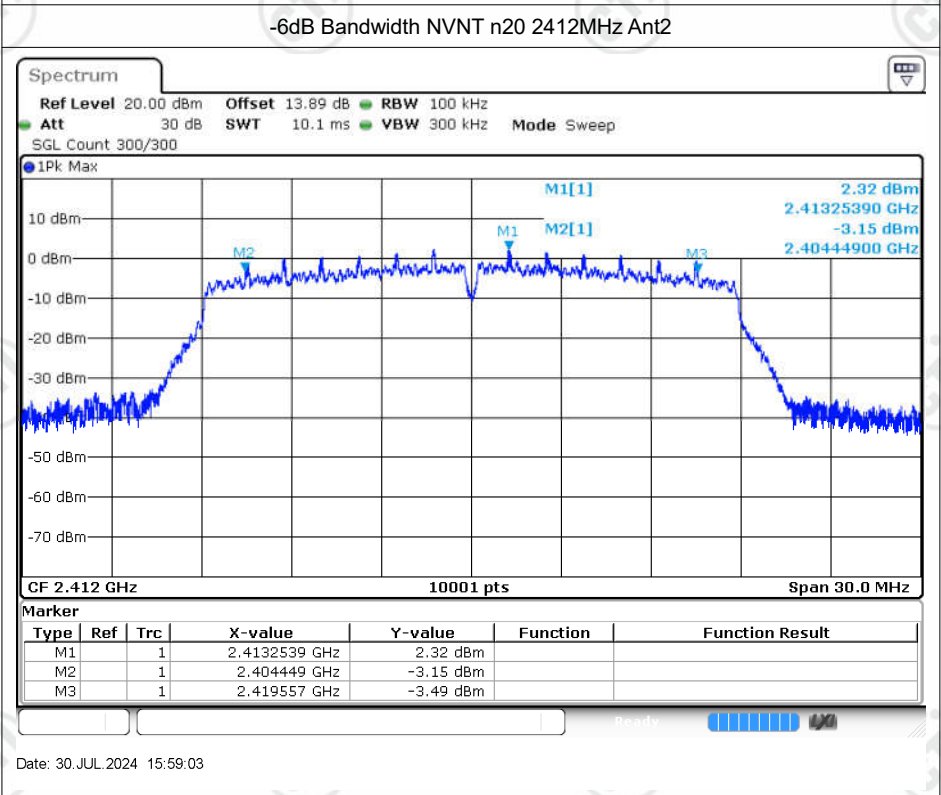
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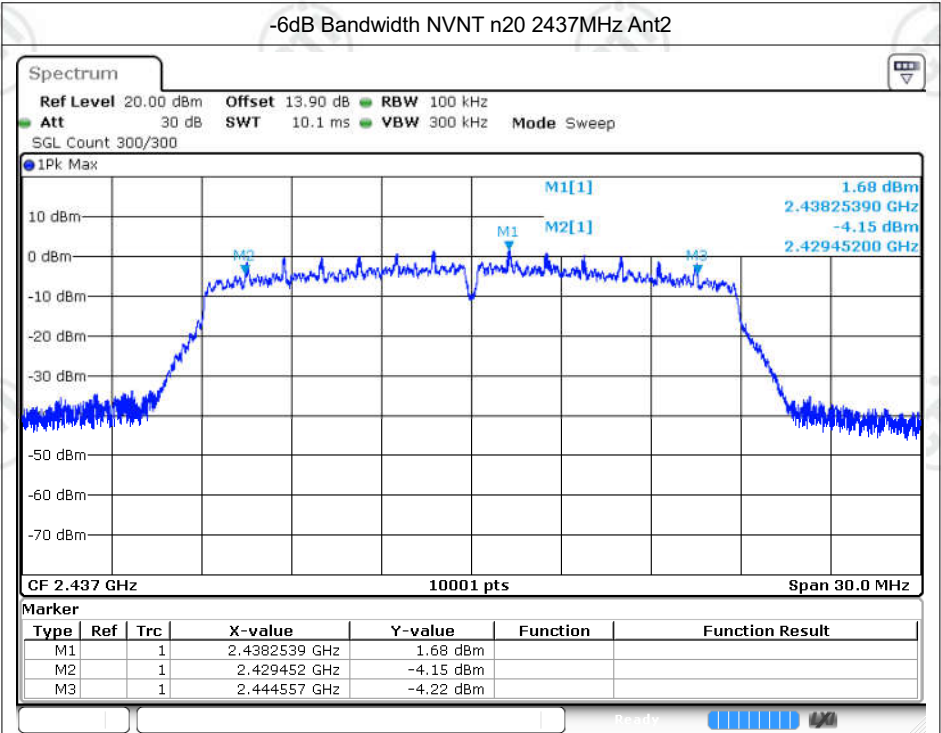
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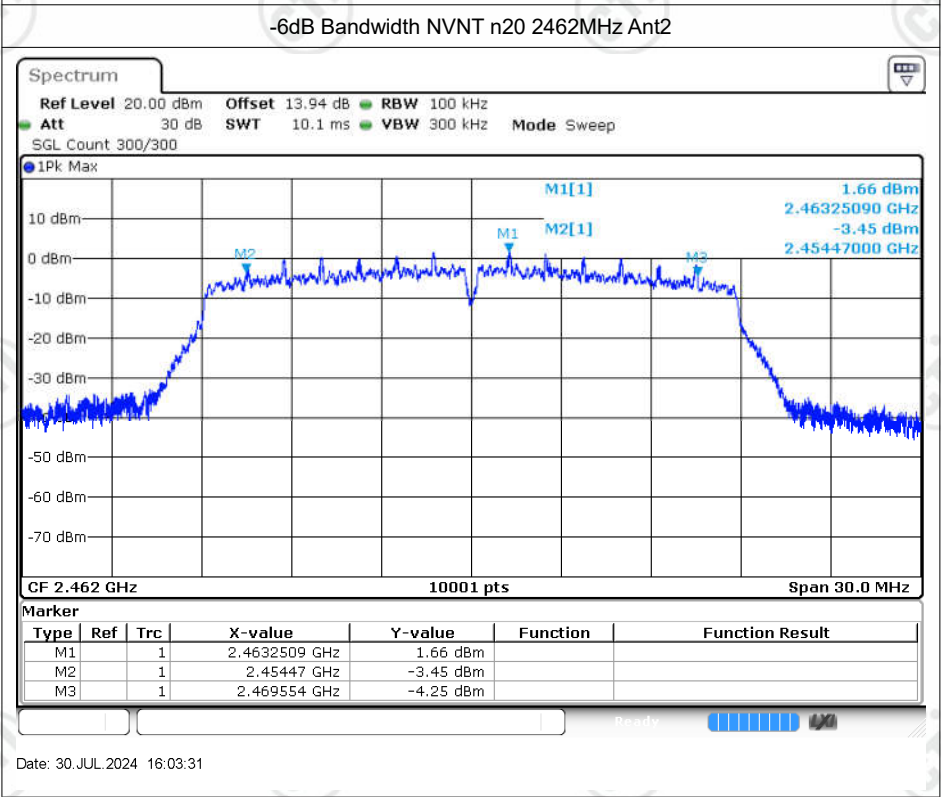
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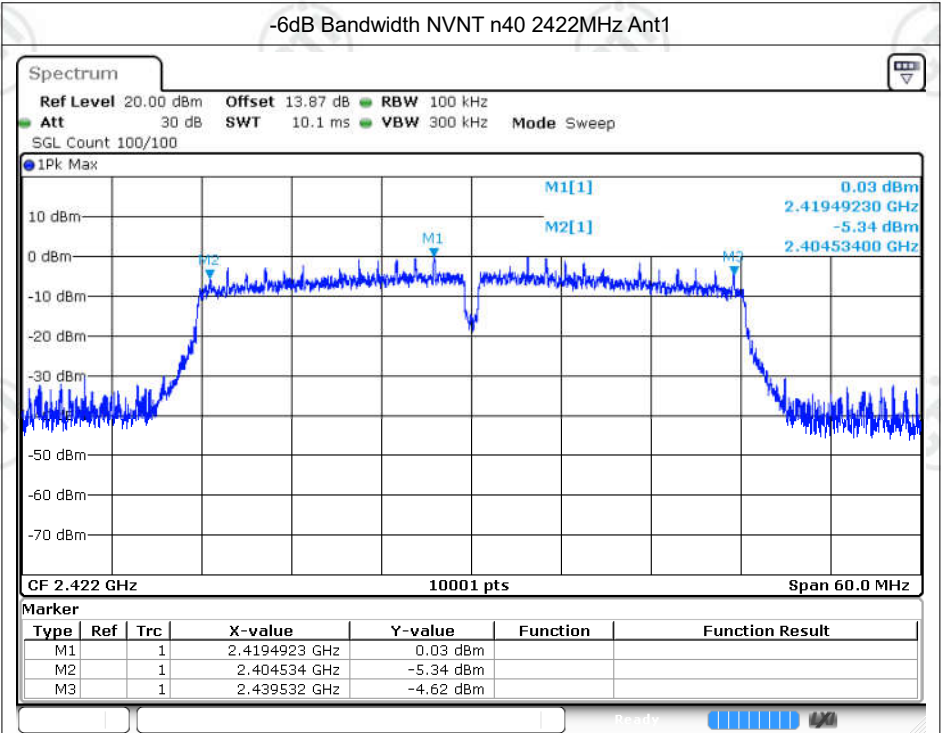
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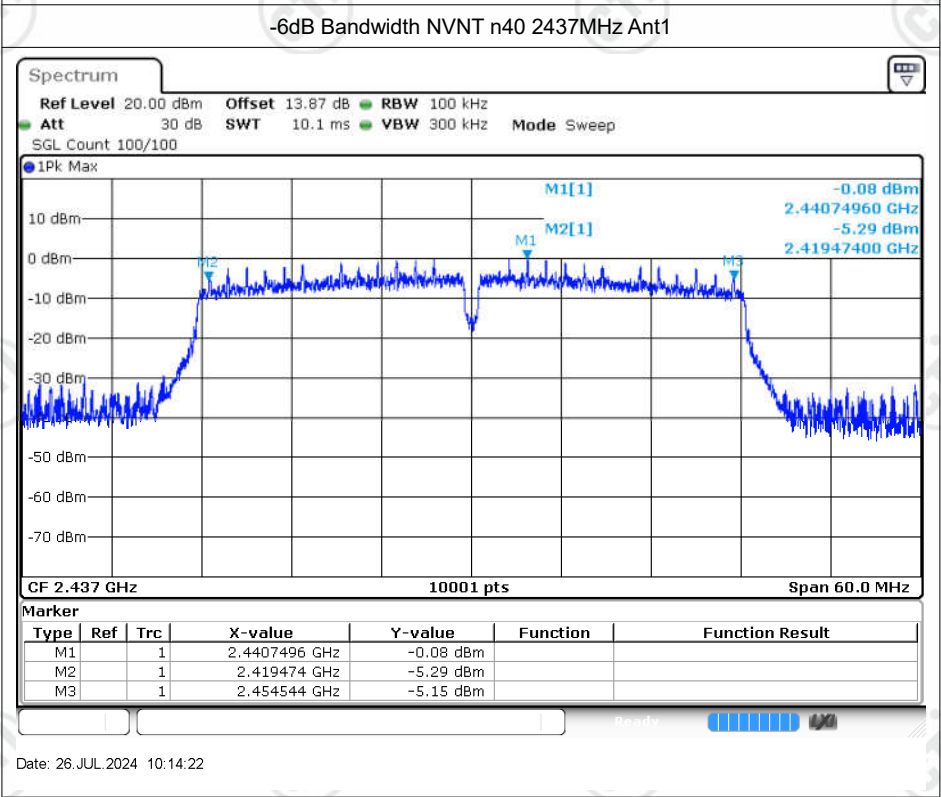
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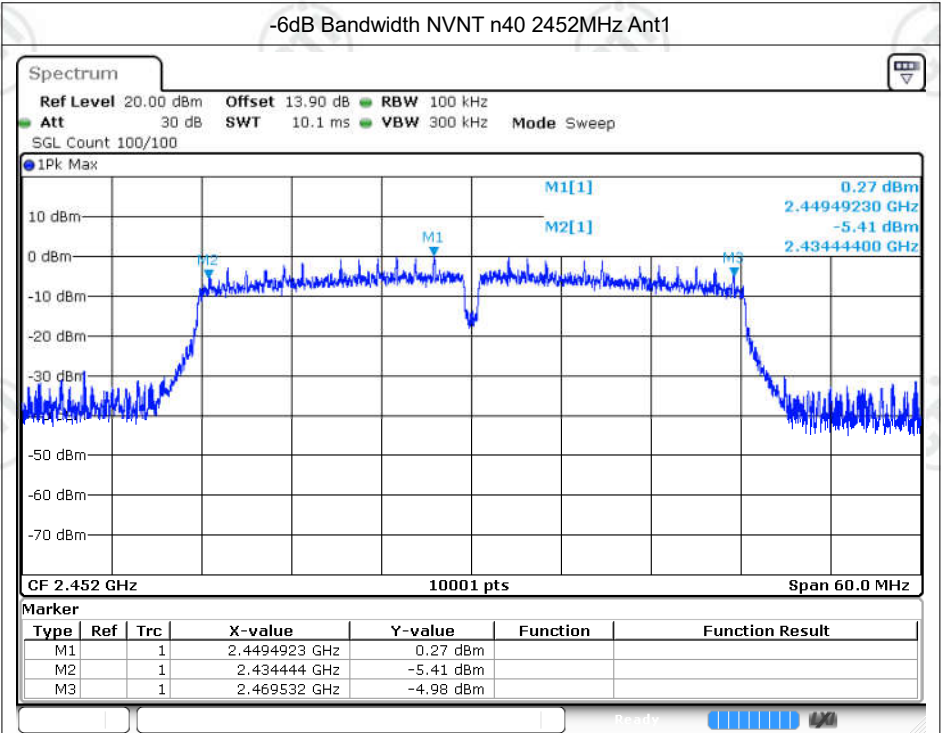
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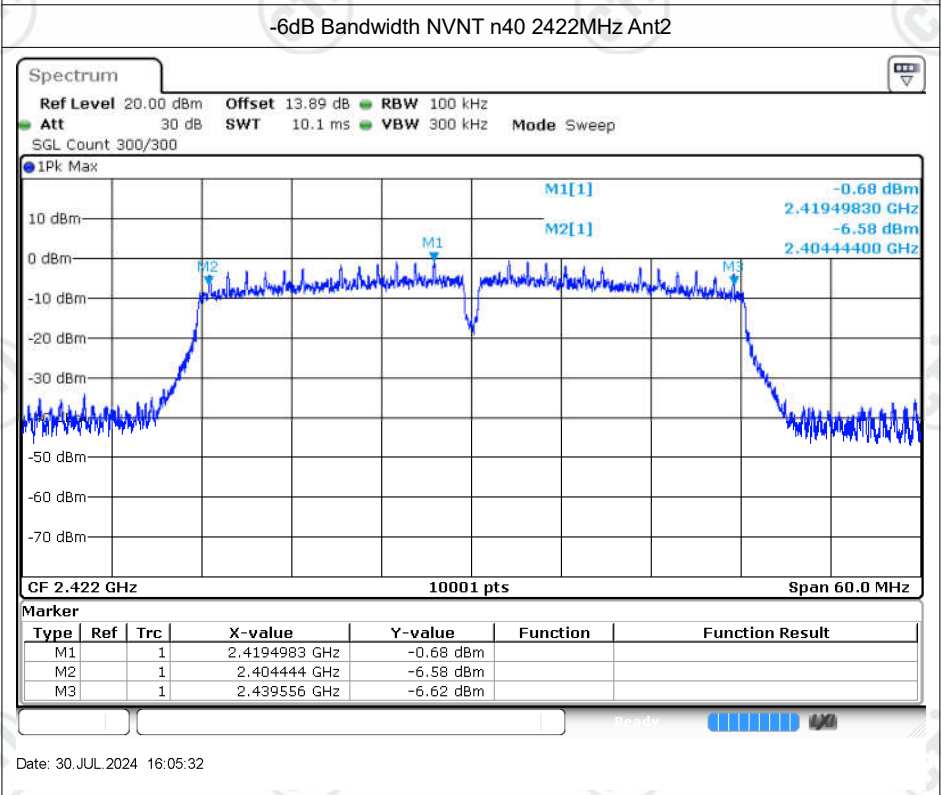
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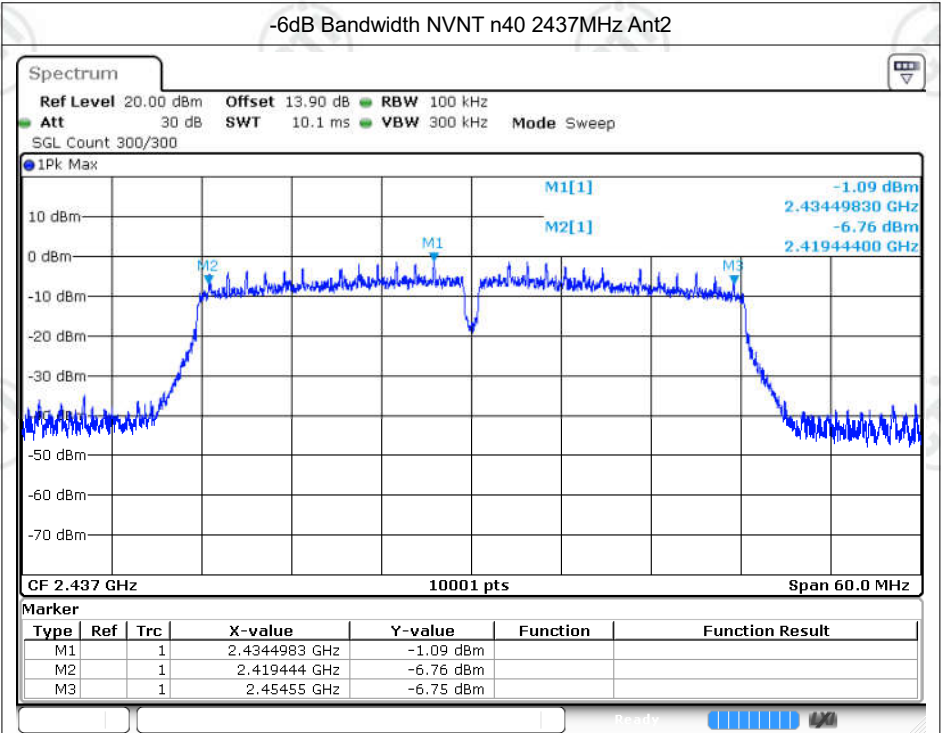
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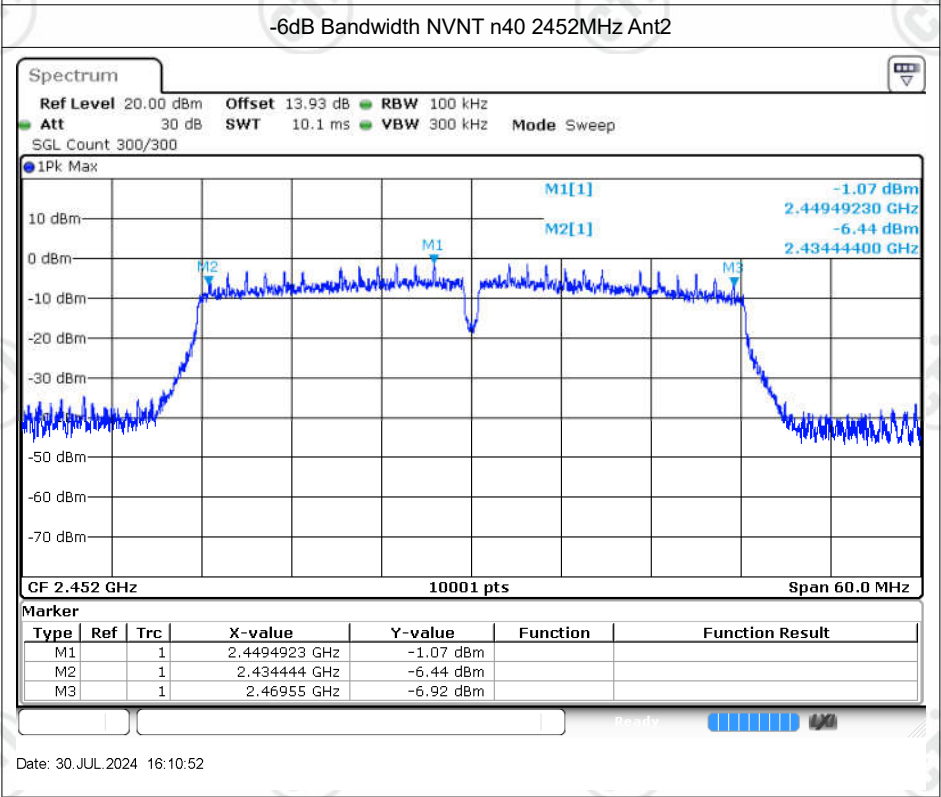
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Date: 30 JUL 2024 16:05:32



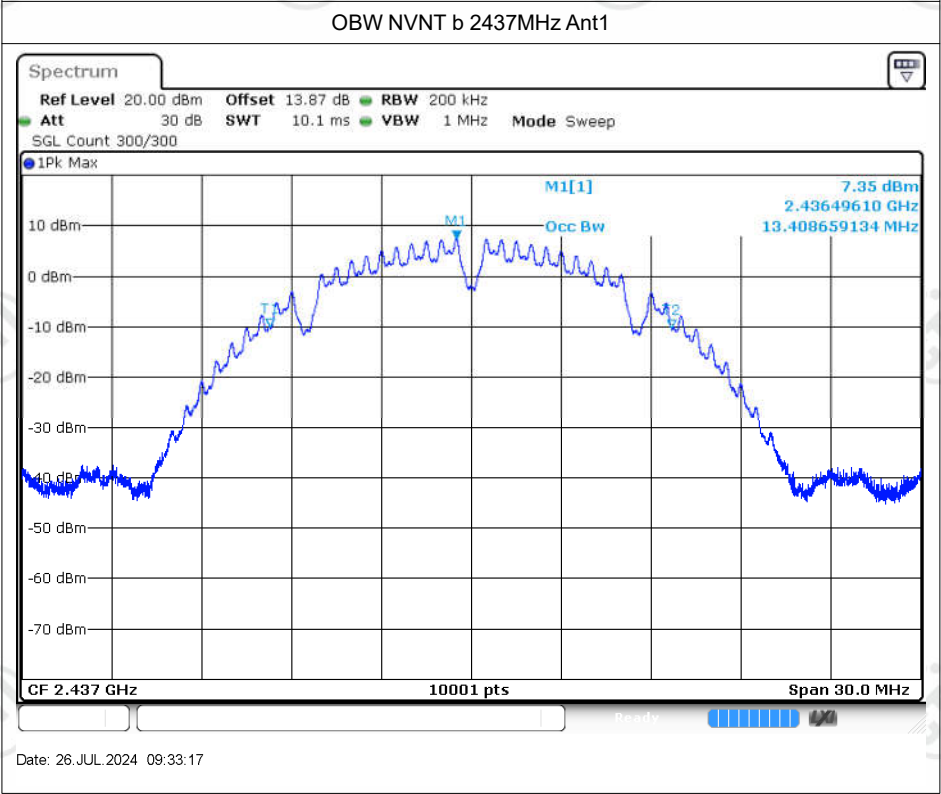
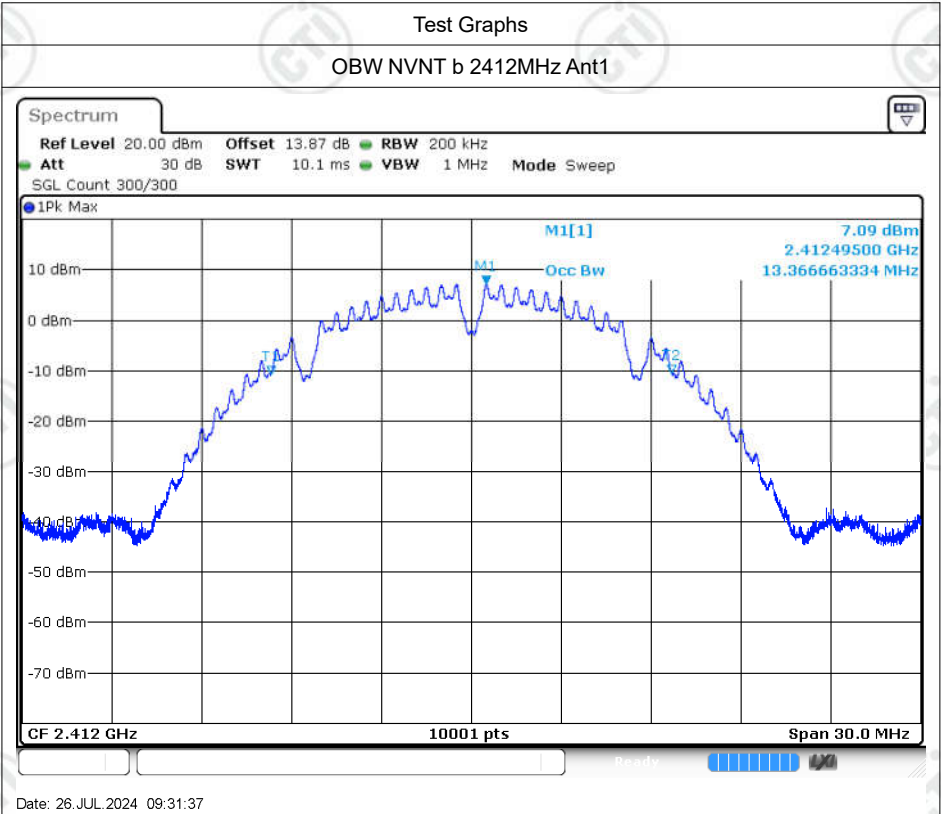
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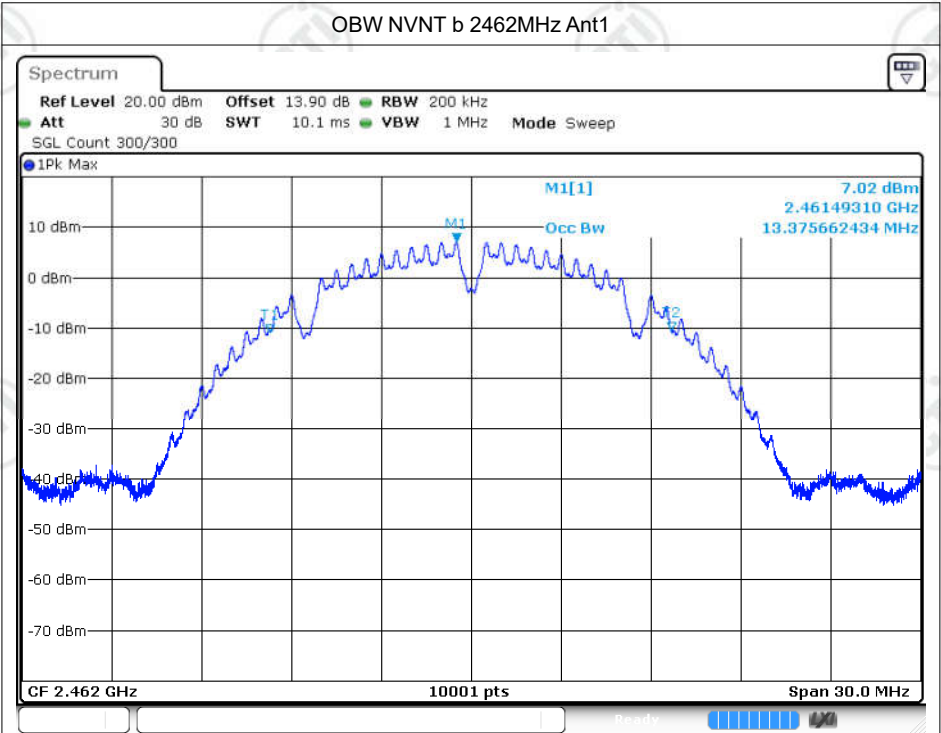


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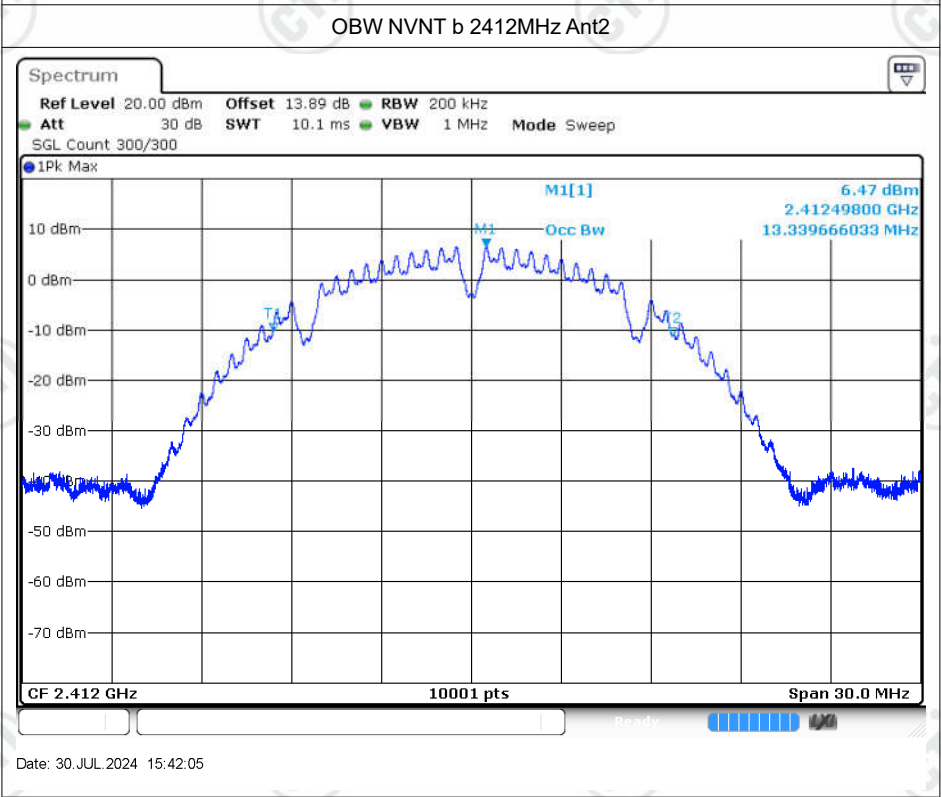
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.367
NVNT	b	2437	Ant1	13.409
NVNT	b	2462	Ant1	13.376
NVNT	b	2412	Ant2	13.34
NVNT	b	2437	Ant2	13.34
NVNT	b	2462	Ant2	13.394
NVNT	g	2412	Ant1	16.501
NVNT	g	2437	Ant1	16.495
NVNT	g	2462	Ant1	16.483
NVNT	g	2412	Ant2	16.474
NVNT	g	2437	Ant2	16.474
NVNT	g	2462	Ant2	16.474
NVNT	n20	2412	Ant1	17.542
NVNT	n20	2437	Ant1	17.542
NVNT	n20	2462	Ant1	17.539
NVNT	n20	2412	Ant2	17.533
NVNT	n20	2437	Ant2	17.53
NVNT	n20	2462	Ant2	17.536
NVNT	n40	2422	Ant1	36.134
NVNT	n40	2437	Ant1	36.122
NVNT	n40	2452	Ant1	36.146
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NVNT	n40	2437	Ant2	36.146
NVNT	n40	2452	Ant2	36.158

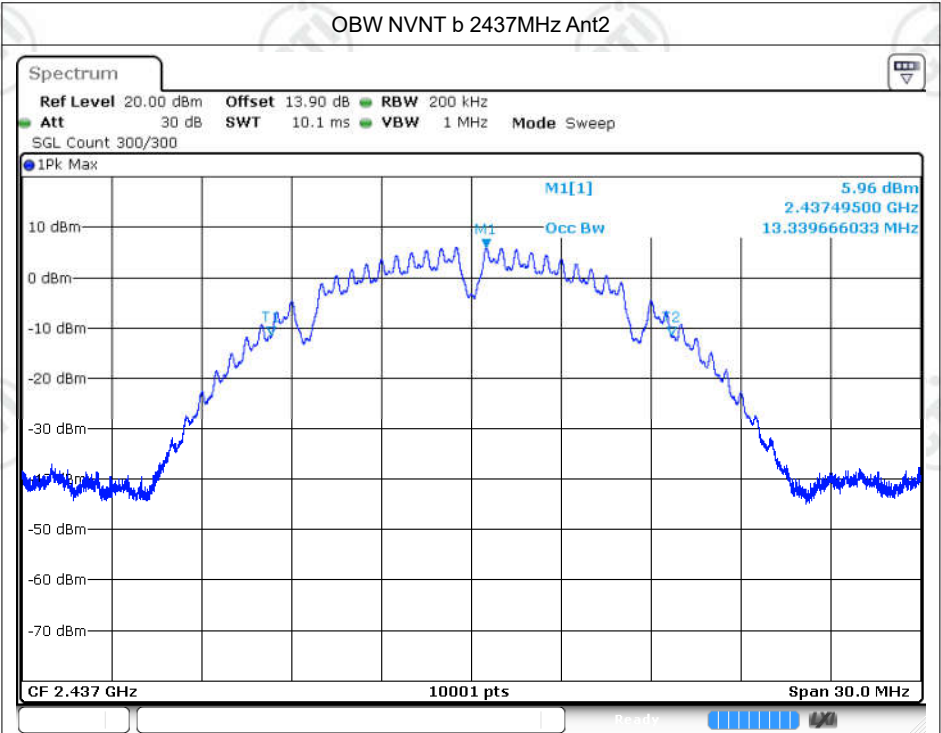




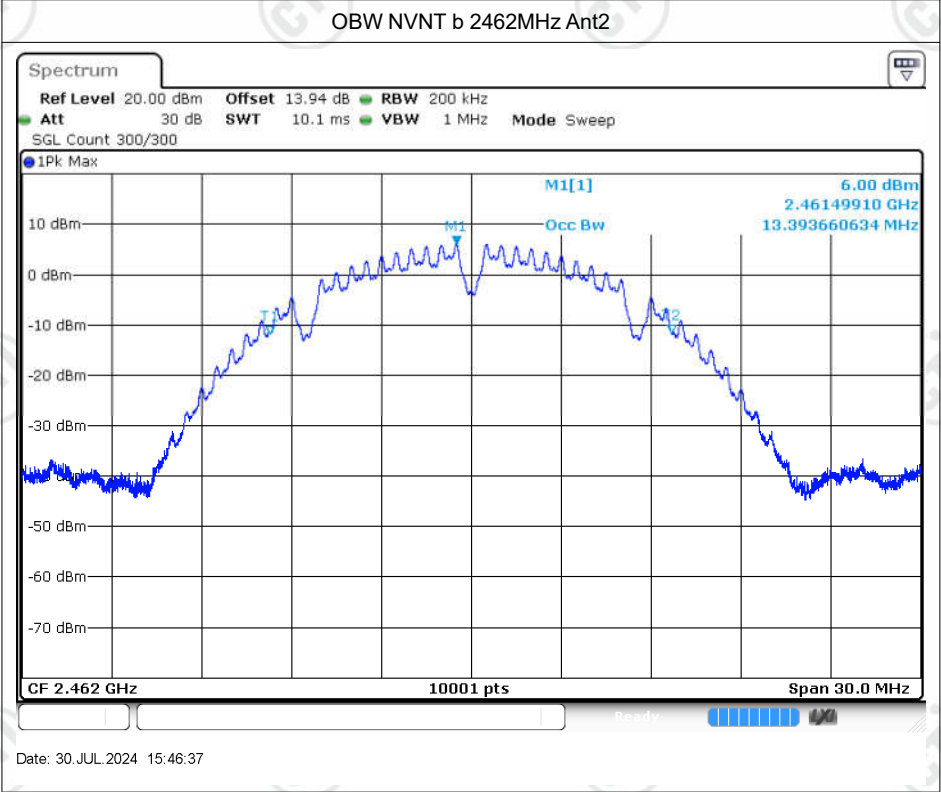
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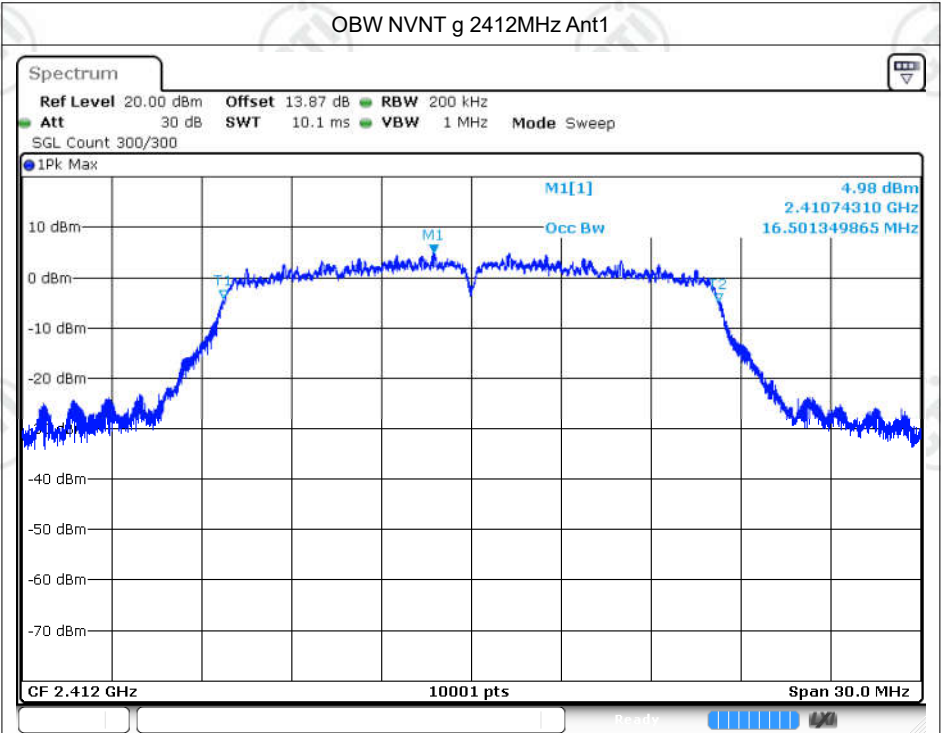
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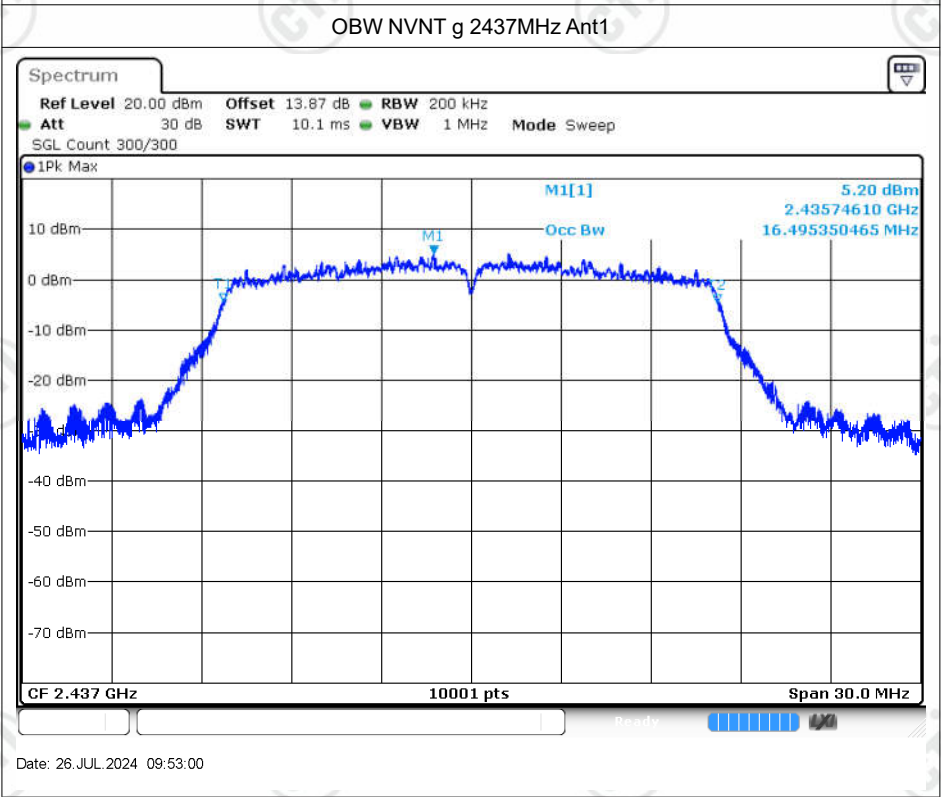
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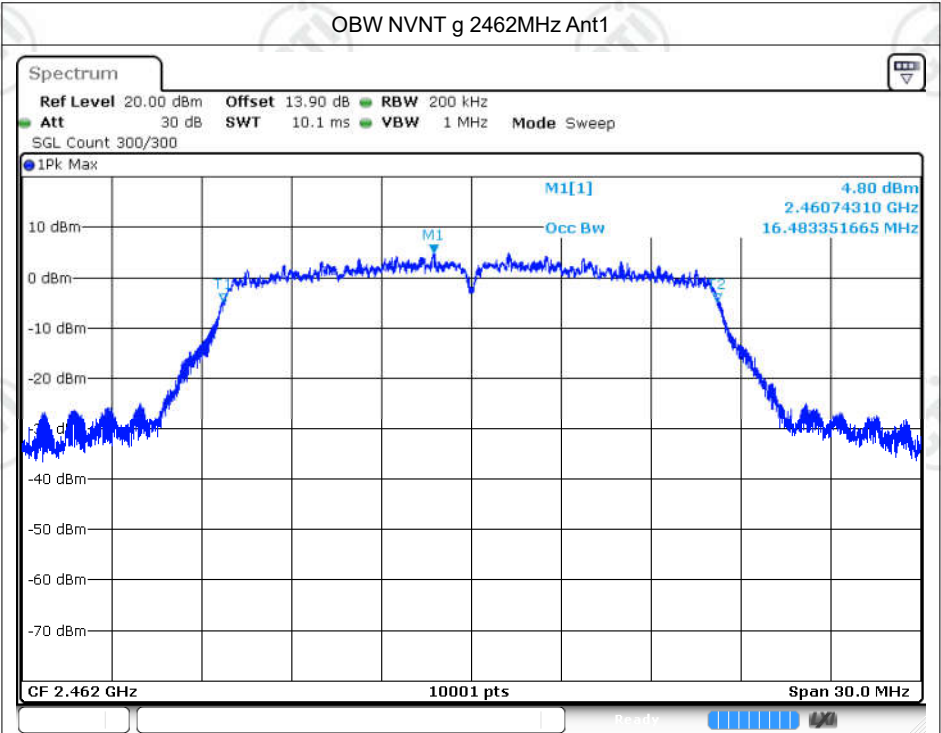
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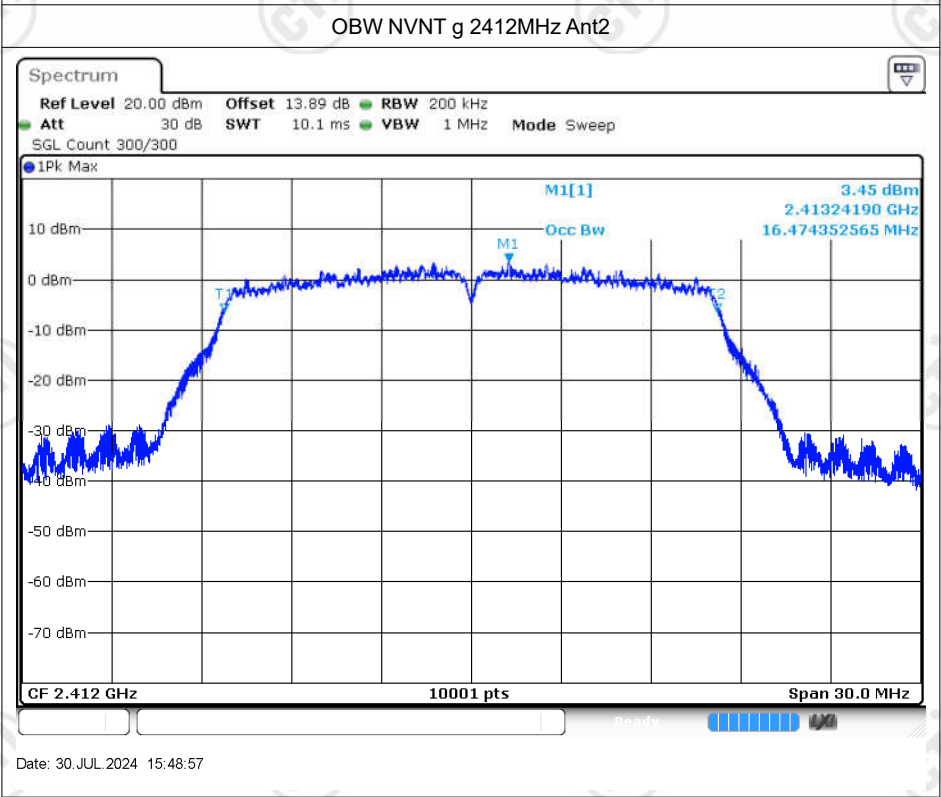
Date: 26 JUL 2024 09:47:37



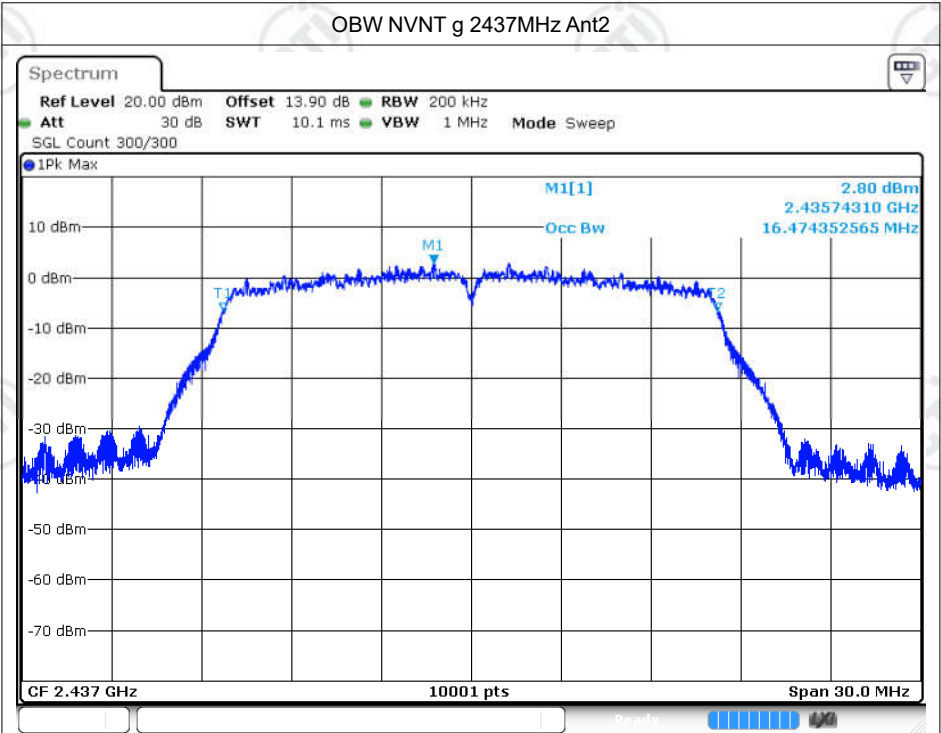
Date: 26 JUL 2024 09:53:00



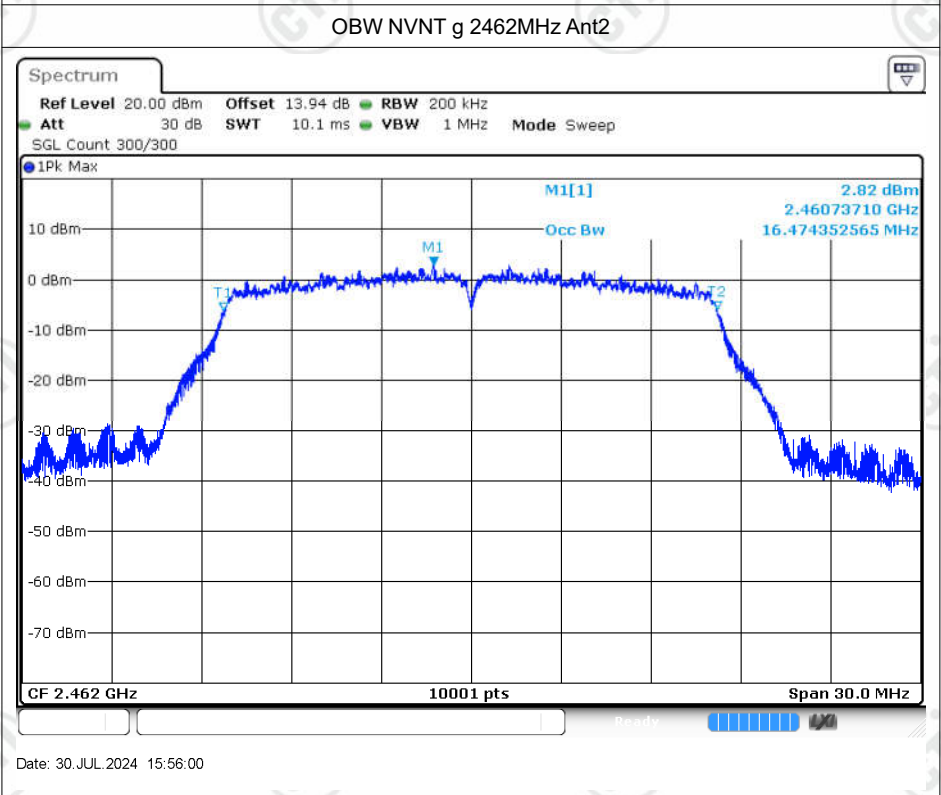
Date: 26 JUL 2024 09:57:47



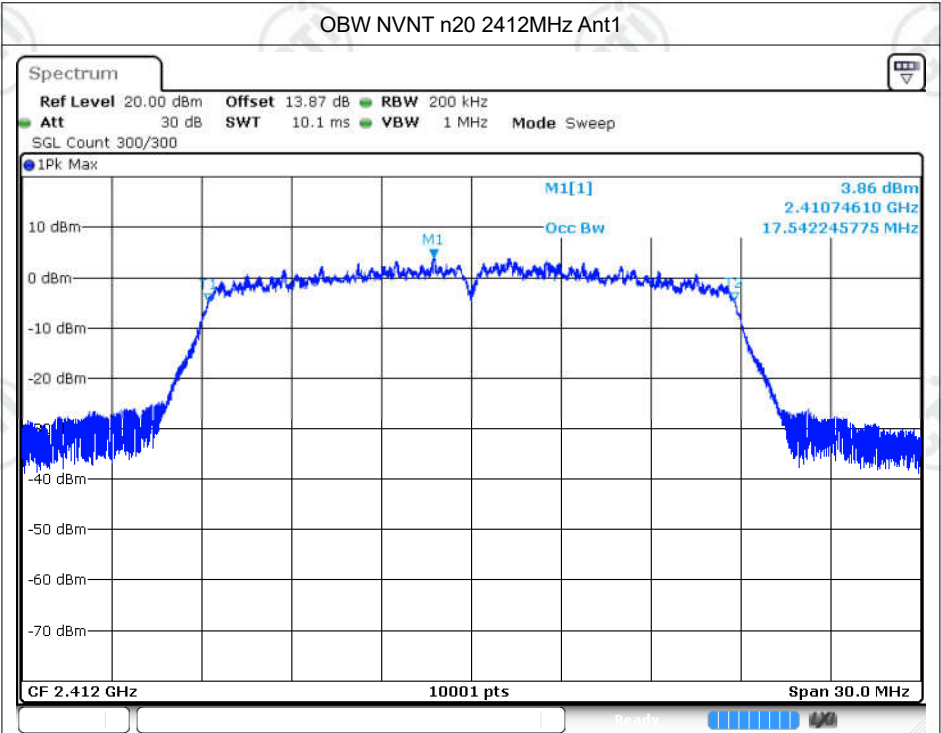
Date: 30 JUL 2024 15:48:57



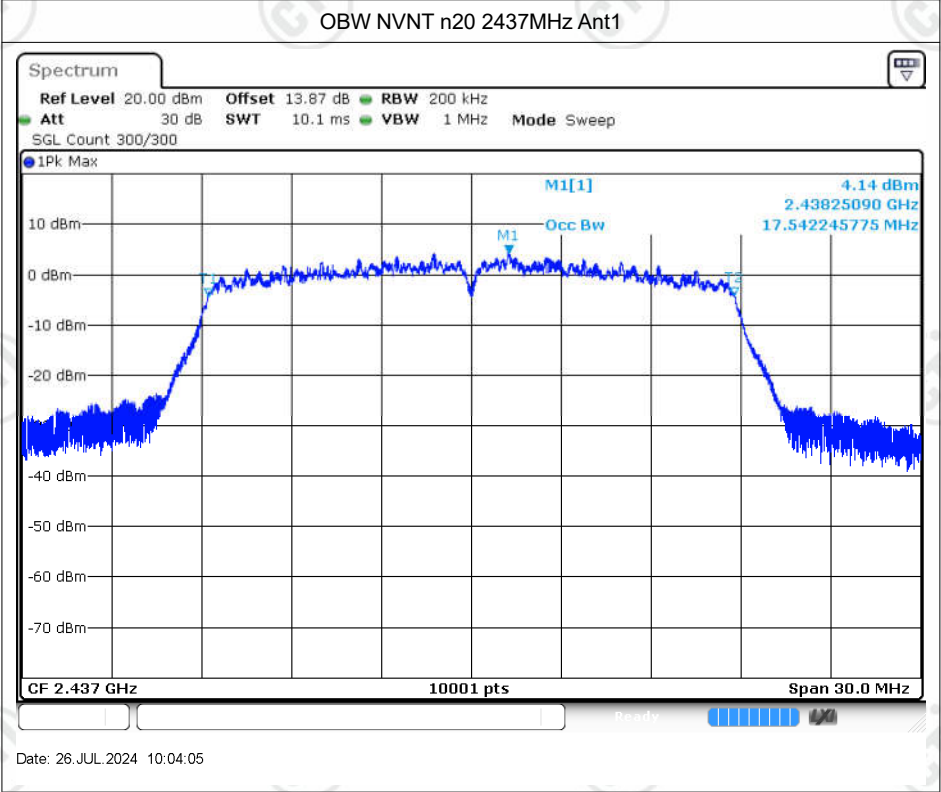
Date: 30 JUL 2024 15:51:19



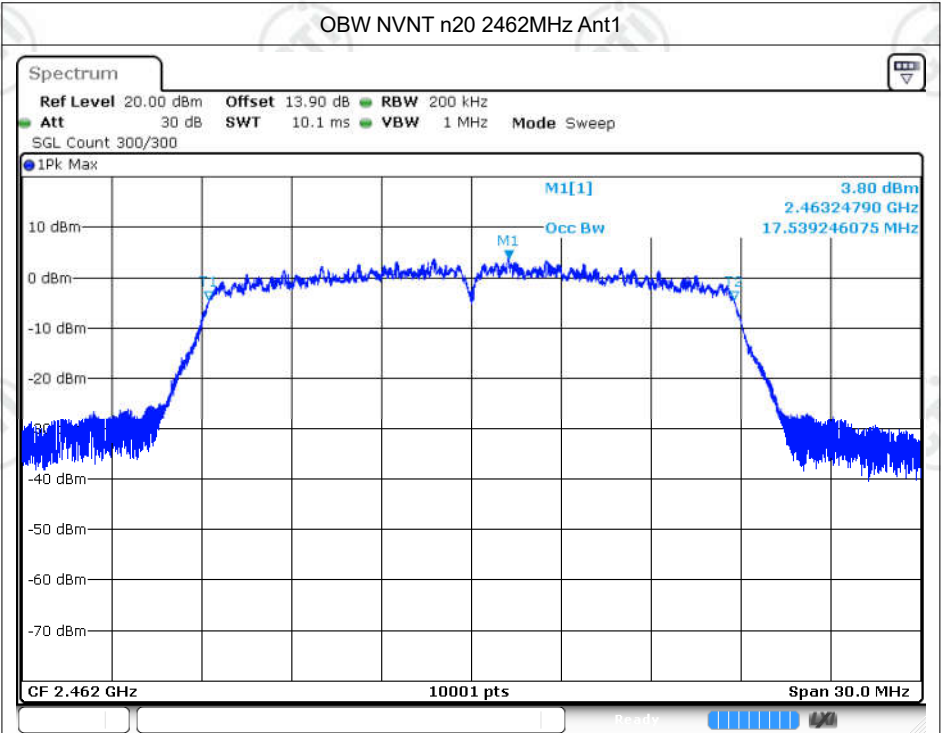
Date: 30 JUL 2024 15:56:00



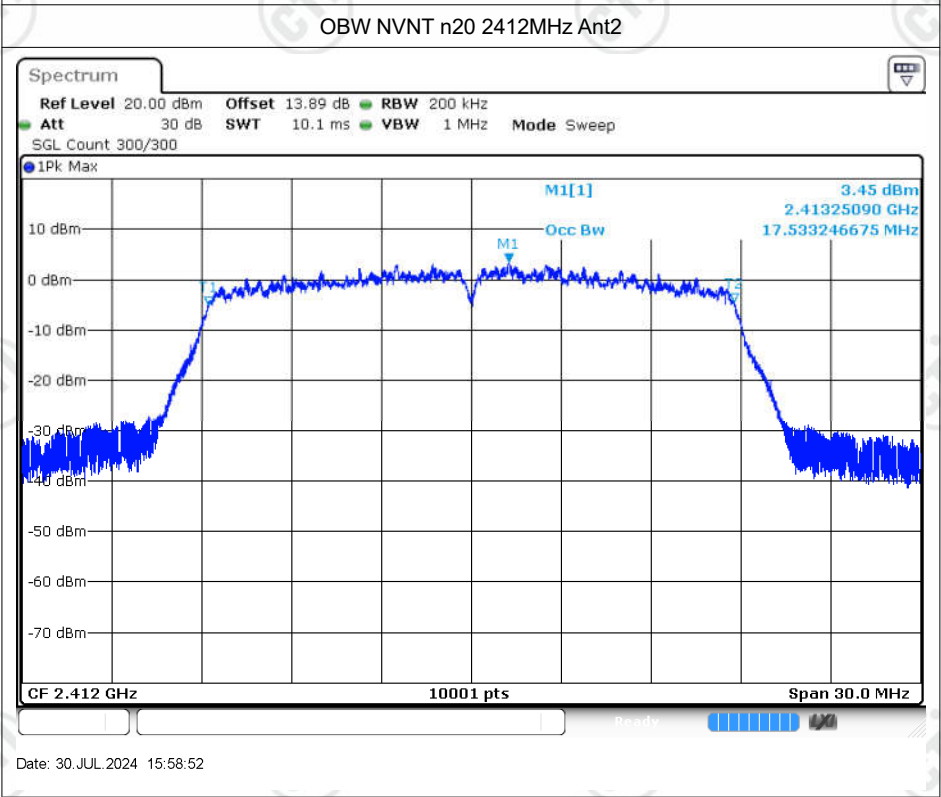
Date: 26 JUL 2024 10:00:30



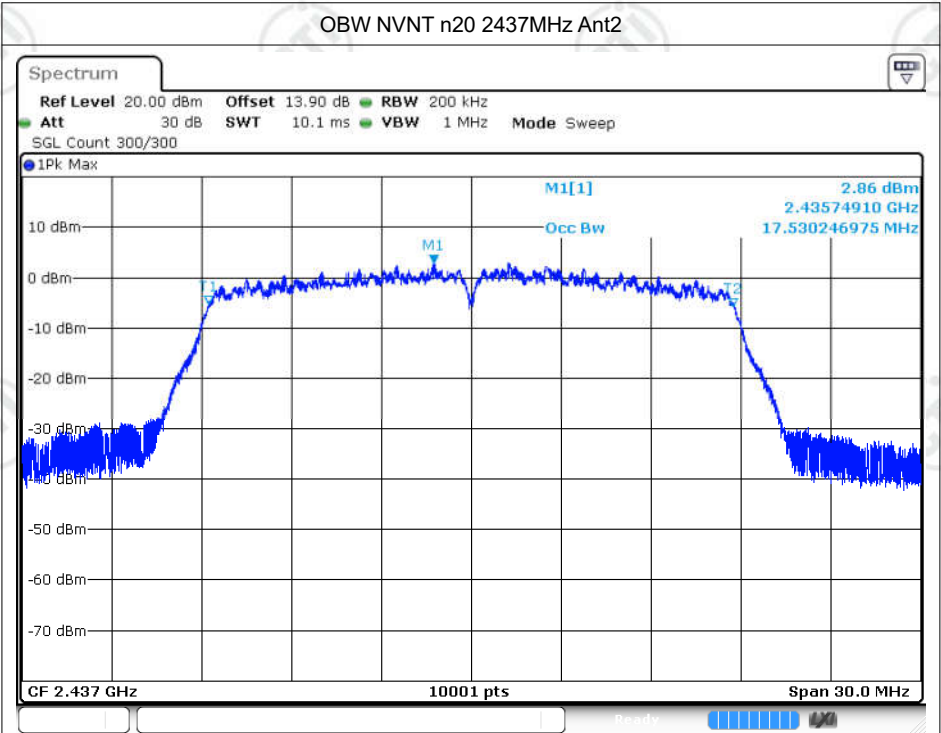
Date: 26 JUL 2024 10:04:05



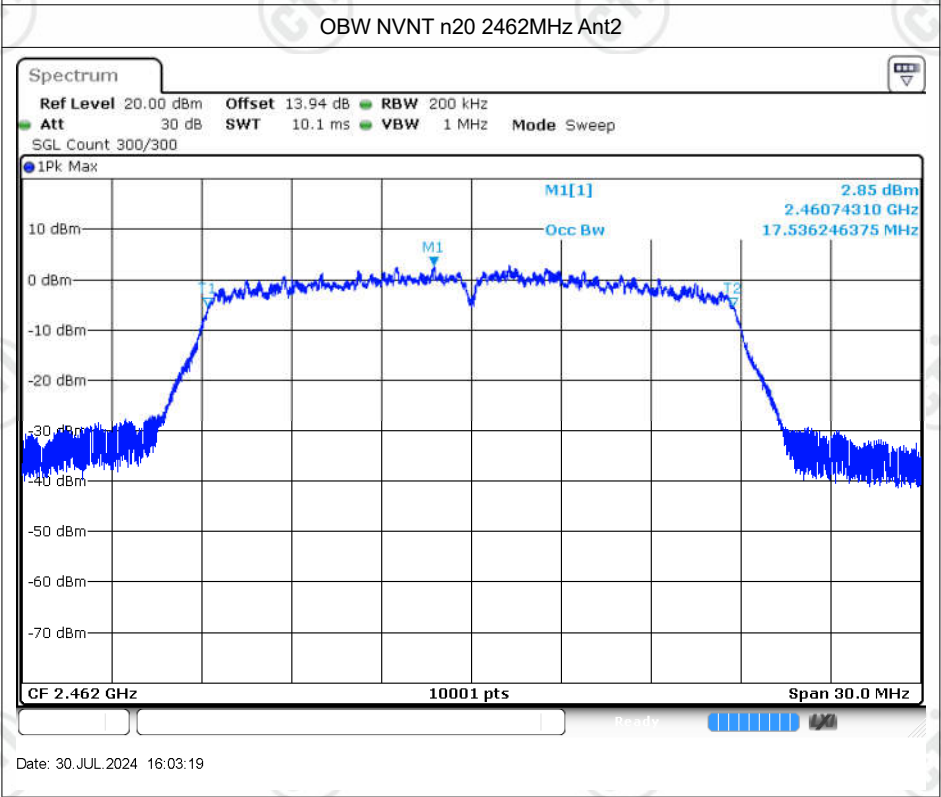
Date: 26 JUL 2024 10:07:40



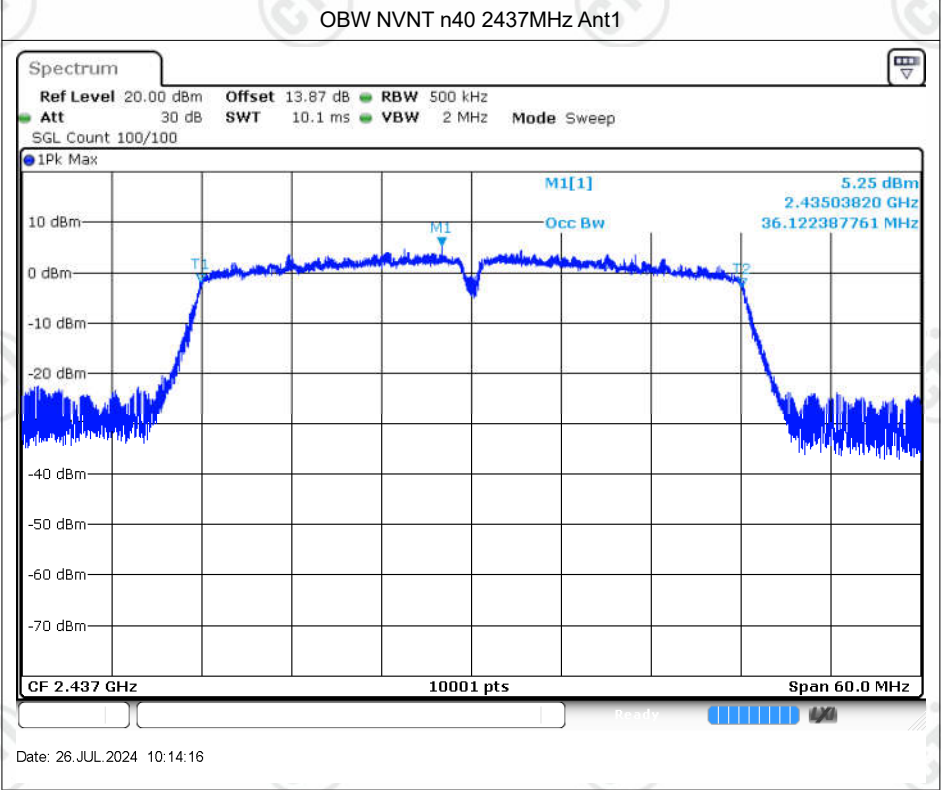
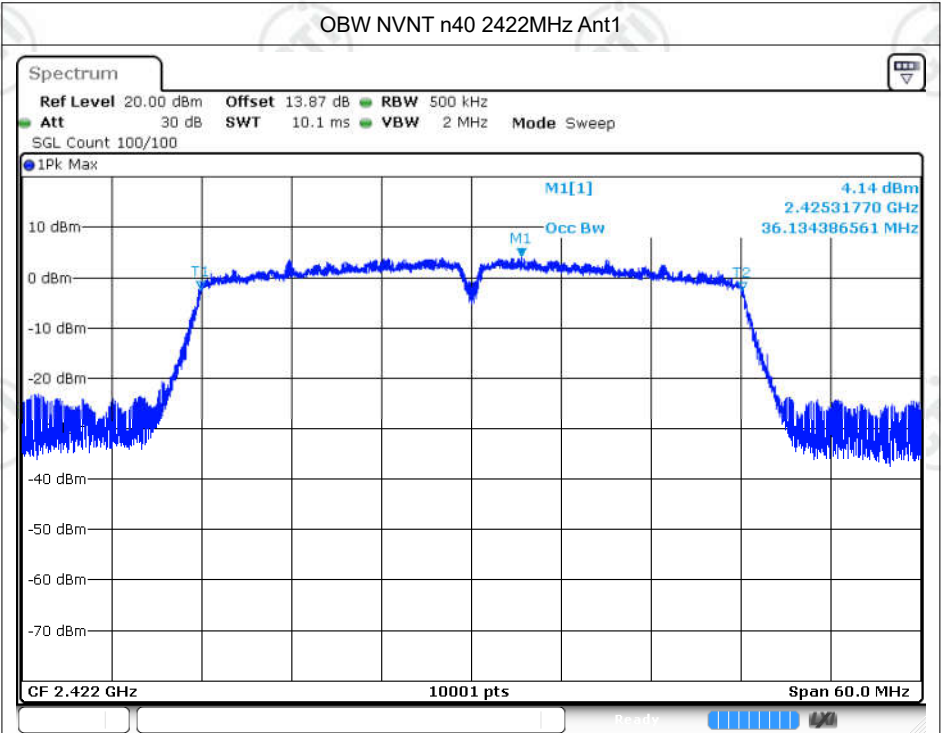
Date: 30 JUL 2024 15:58:52

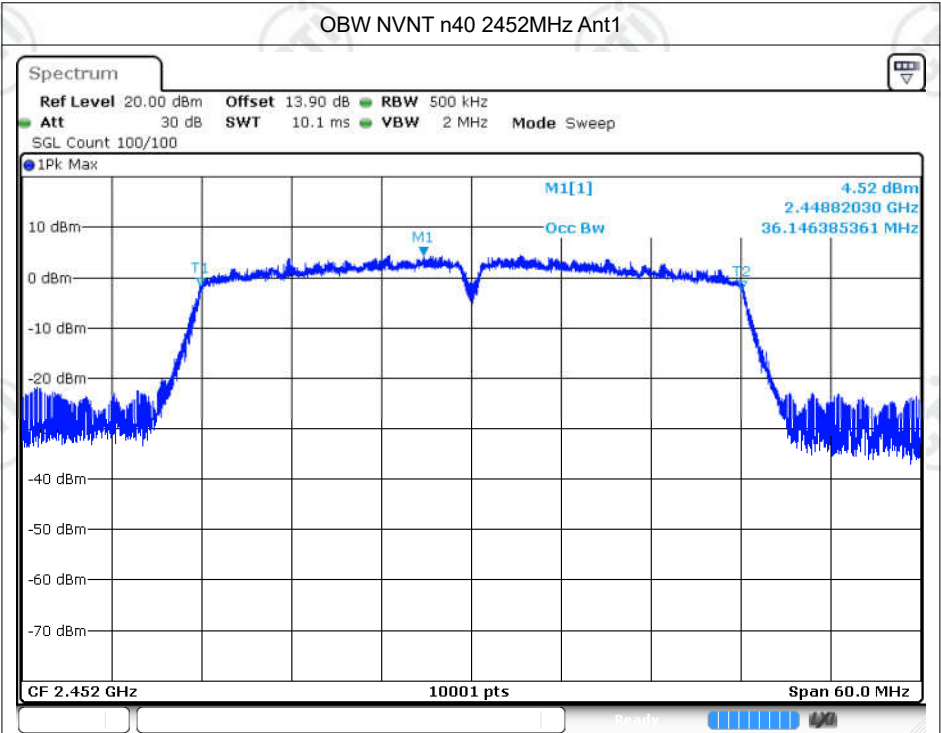


Date: 30 JUL 2024 16:00:52

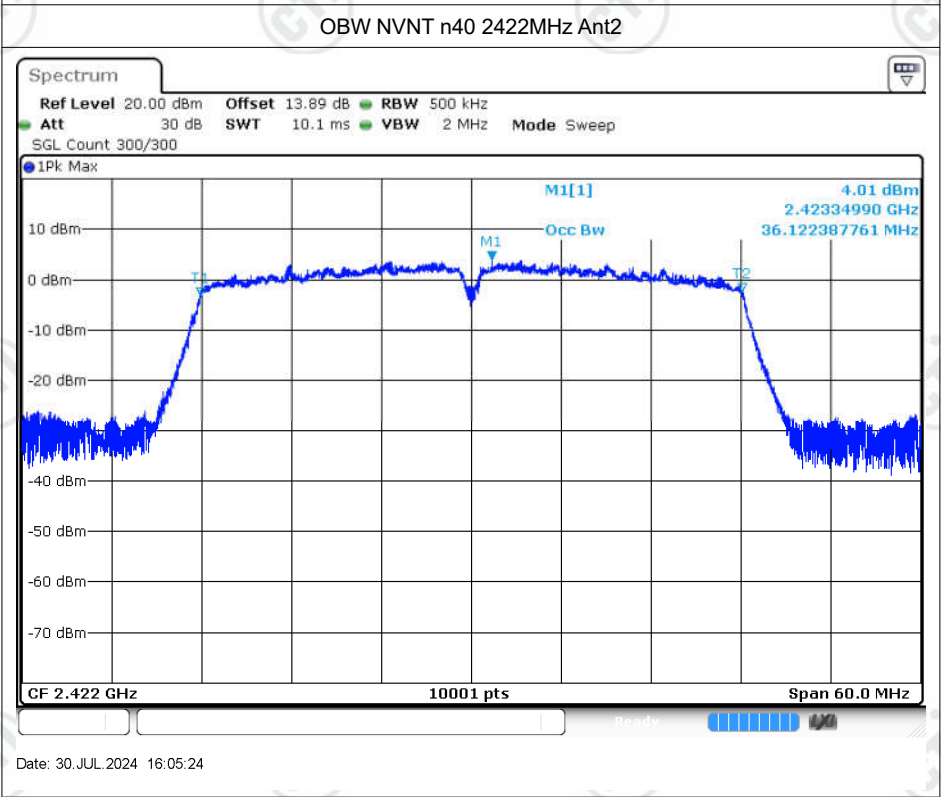


Date: 30 JUL 2024 16:03:19

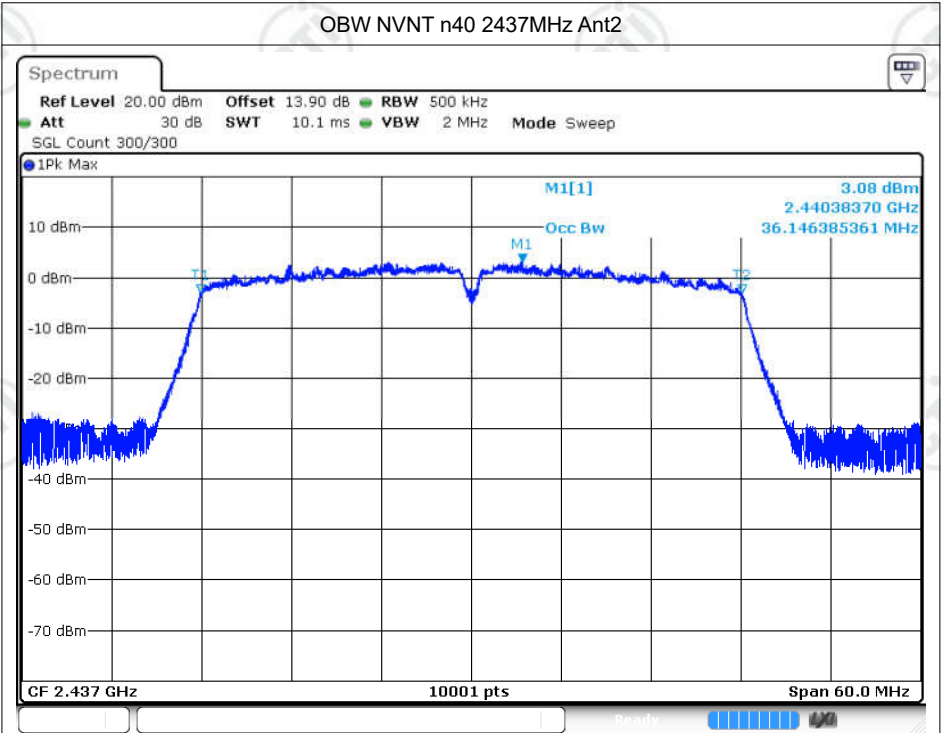




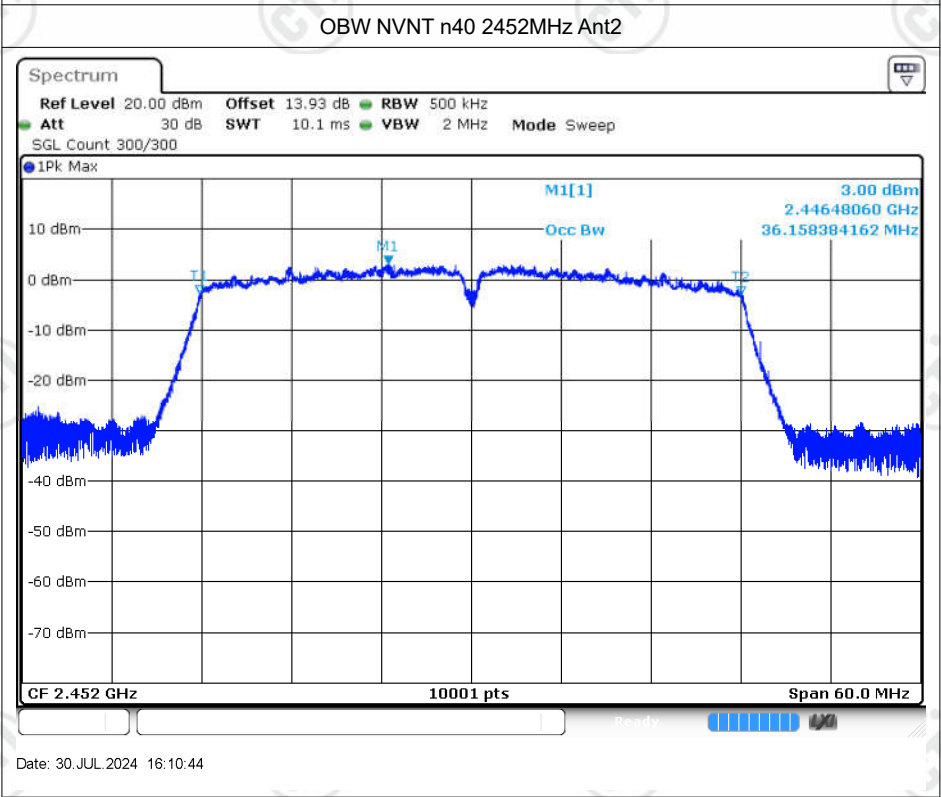
Date: 26 JUL 2024 10:16:49



Date: 30 JUL 2024 16:05:24



Date: 30 JUL 2024 16:07:51



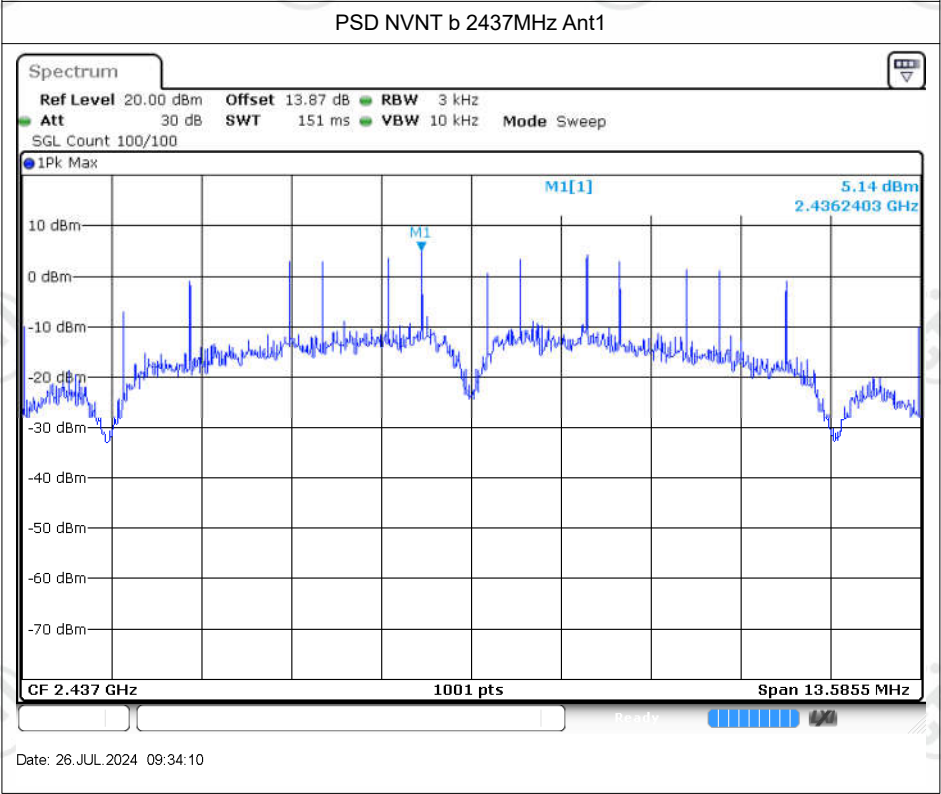
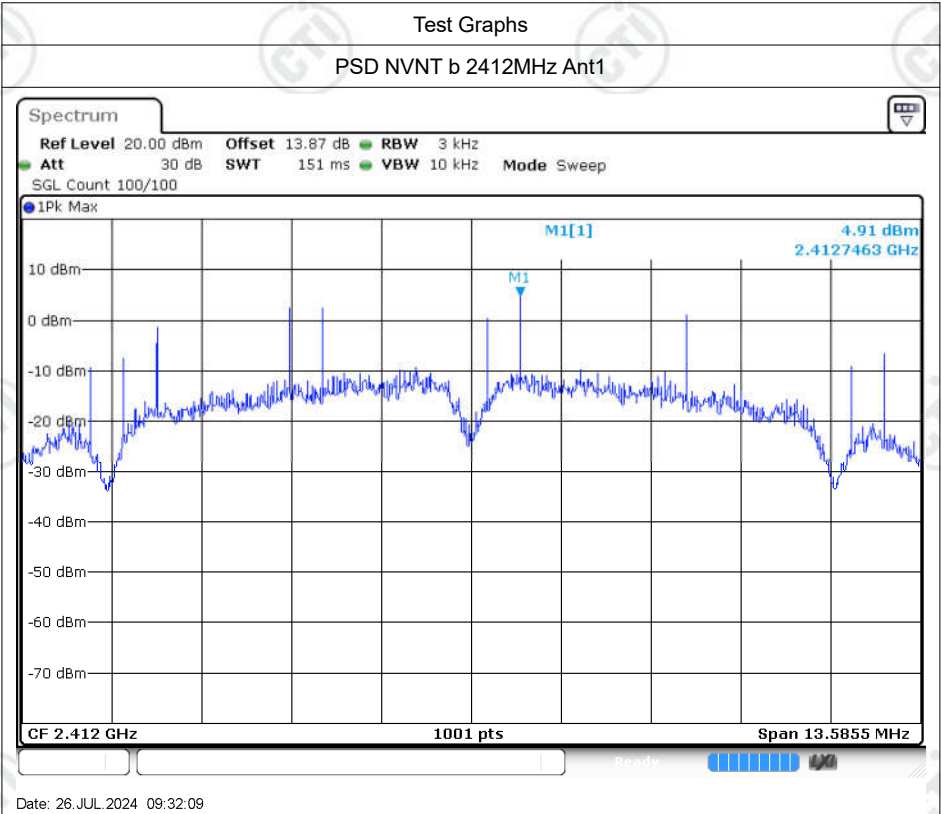
Date: 30 JUL 2024 16:10:44

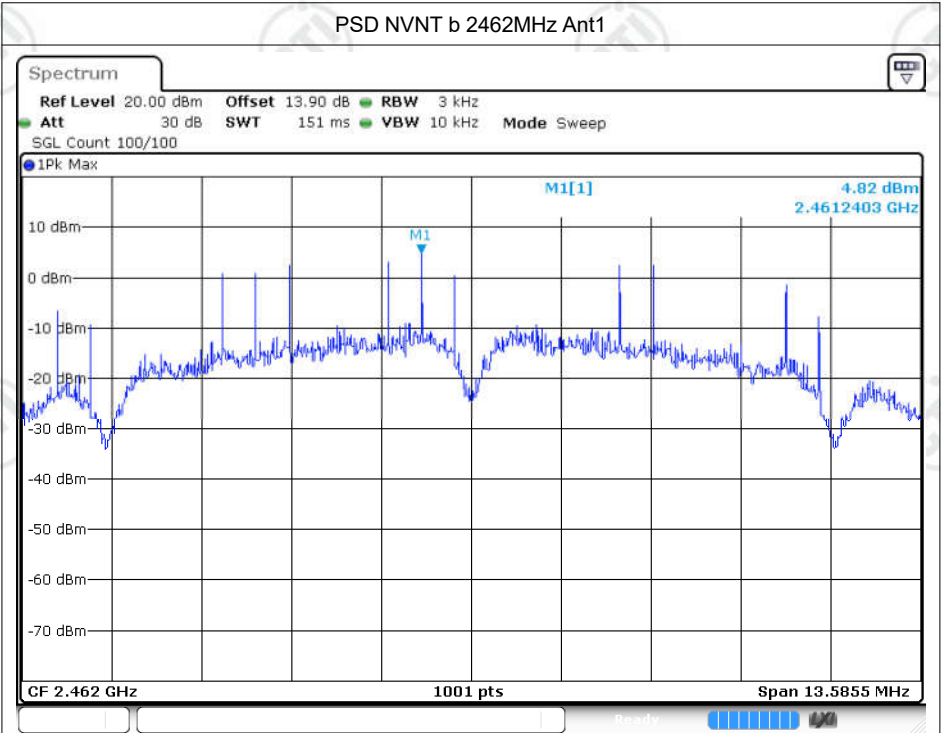
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	4.91	8	Pass
NVNT	b	2437	Ant1	5.14	8	Pass
NVNT	b	2462	Ant1	4.82	8	Pass
NVNT	b	2412	Ant2	4.21	8	Pass
NVNT	b	2437	Ant2	3.80	8	Pass
NVNT	b	2462	Ant2	3.79	8	Pass
NVNT	g	2412	Ant1	-11.10	8	Pass
NVNT	g	2437	Ant1	-10.94	8	Pass
NVNT	g	2462	Ant1	-11.91	8	Pass
NVNT	g	2412	Ant2	-12.97	8	Pass
NVNT	g	2437	Ant2	-13.88	8	Pass
NVNT	g	2462	Ant2	-14.12	8	Pass
NVNT	n20SISO	2412	Ant1	-11.06	8	Pass
NVNT	n20SISO	2437	Ant1	-13.15	8	Pass
NVNT	n20SISO	2462	Ant1	-12.61	8	Pass
NVNT	n20SISO	2412	Ant2	-12.44	8	Pass
NVNT	n20SISO	2437	Ant2	-12.24	8	Pass
NVNT	n20SISO	2462	Ant2	-11.82	8	Pass
NVNT	n20MIMO	2412	Ant1	-20.16	8	Pass
NVNT	n20MIMO	2412	Ant2	-21.50	8	Pass
NVNT	n20MIMO	2412	Sum	-17.77	8	Pass
NVNT	n20MIMO	2437	Ant1	-20.83	8	Pass
NVNT	n20MIMO	2437	Ant2	-21.32	8	Pass
NVNT	n20MIMO	2437	Sum	-18.06	8	Pass
NVNT	n20MIMO	2462	Ant1	-20.62	8	Pass
NVNT	n20MIMO	2462	Ant2	-18.87	8	Pass
NVNT	n20MIMO	2462	Sum	-16.65	8	Pass
NVNT	n40SISO	2422	Ant1	-15.54	8	Pass
NVNT	n40SISO	2437	Ant1	-15.14	8	Pass
NVNT	n40SISO	2452	Ant1	-15.02	8	Pass
NVNT	n40SISO	2422	Ant2	-16.01	8	Pass
NVNT	n40SISO	2437	Ant2	-17.23	8	Pass
NVNT	n40SISO	2452	Ant2	-16.06	8	Pass
NVNT	n40MIMO	2422	Ant1	-23.50	8	Pass
NVNT	n40MIMO	2422	Ant2	-24.53	8	Pass
NVNT	n40MIMO	2422	Sum	-20.97	8	Pass
NVNT	n40MIMO	2437	Ant1	-22.97	8	Pass
NVNT	n40MIMO	2437	Ant2	-25.28	8	Pass

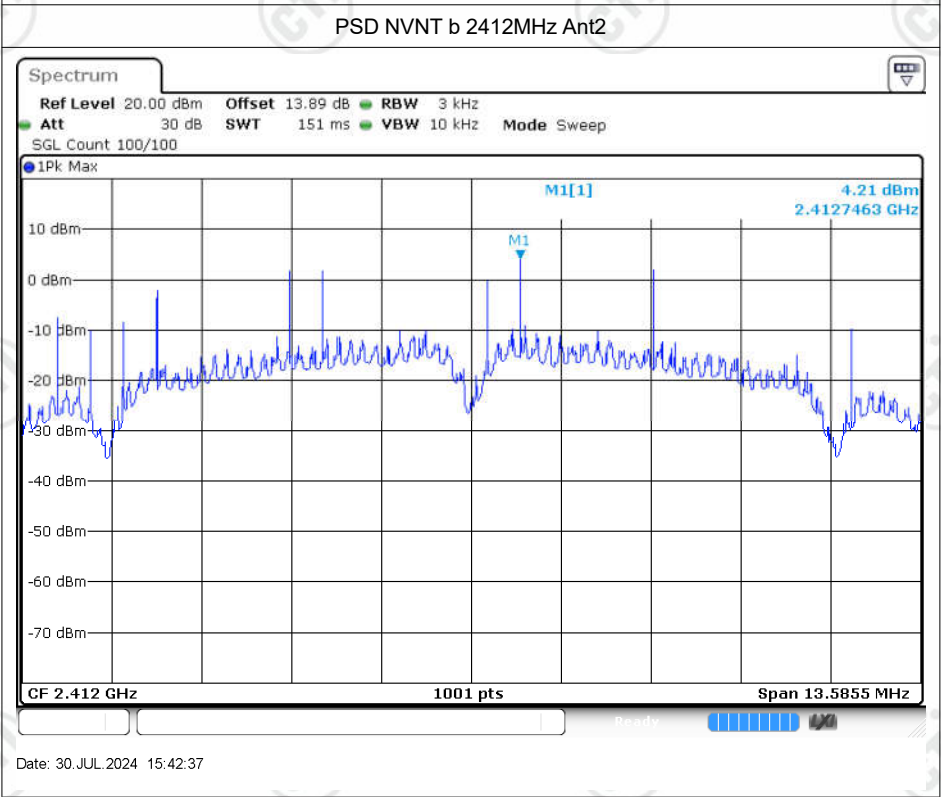
NVNT	n40MIMO	2437	Sum	-20.96	8	Pass
NVNT	n40MIMO	2452	Ant1	-23.70	8	Pass
NVNT	n40MIMO	2452	Ant2	-24.65	8	Pass
NVNT	n40MIMO	2452	Sum	-21.14	8	Pass

Note: The result of Conducted PSD has been added Duty Cycle Correction Factor;

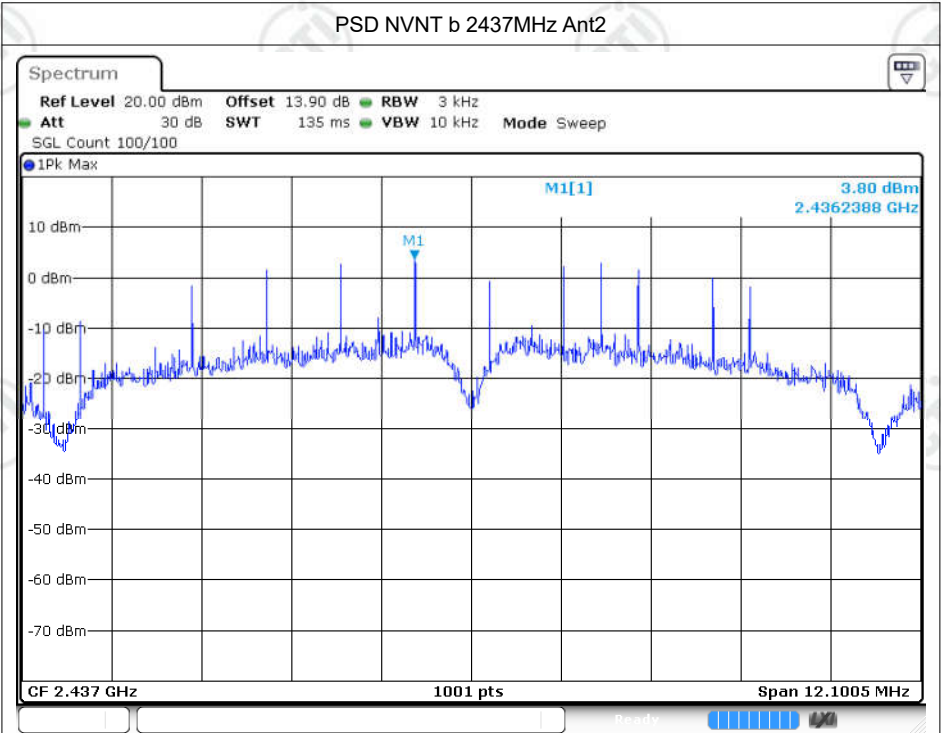




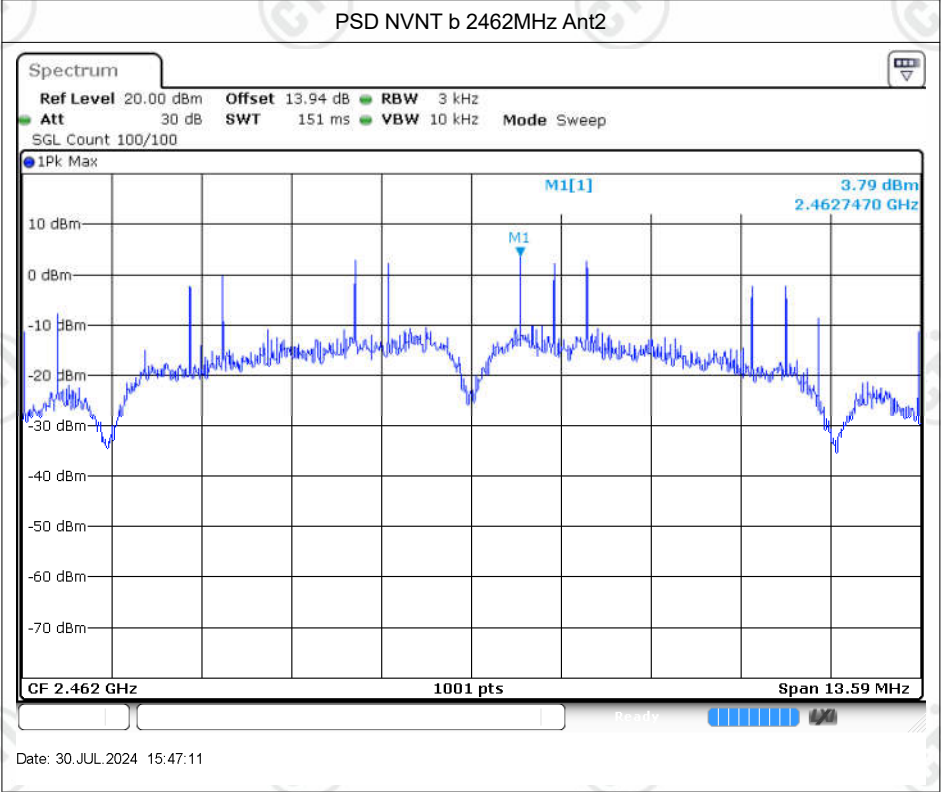
Date: 26 JUL 2024 09:35:36



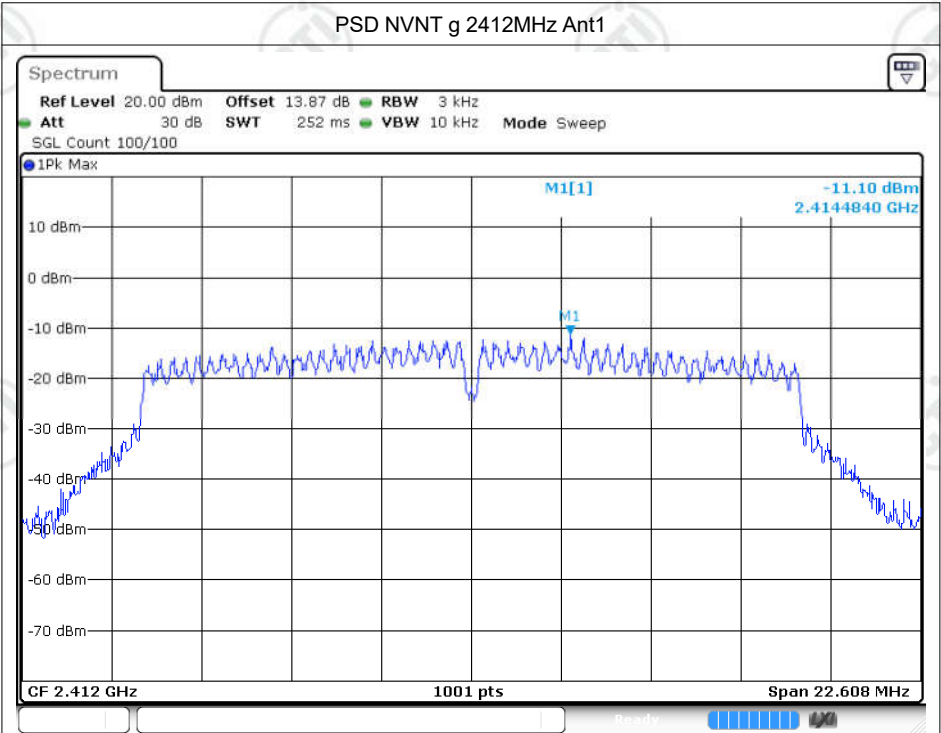
Date: 30 JUL 2024 15:42:37



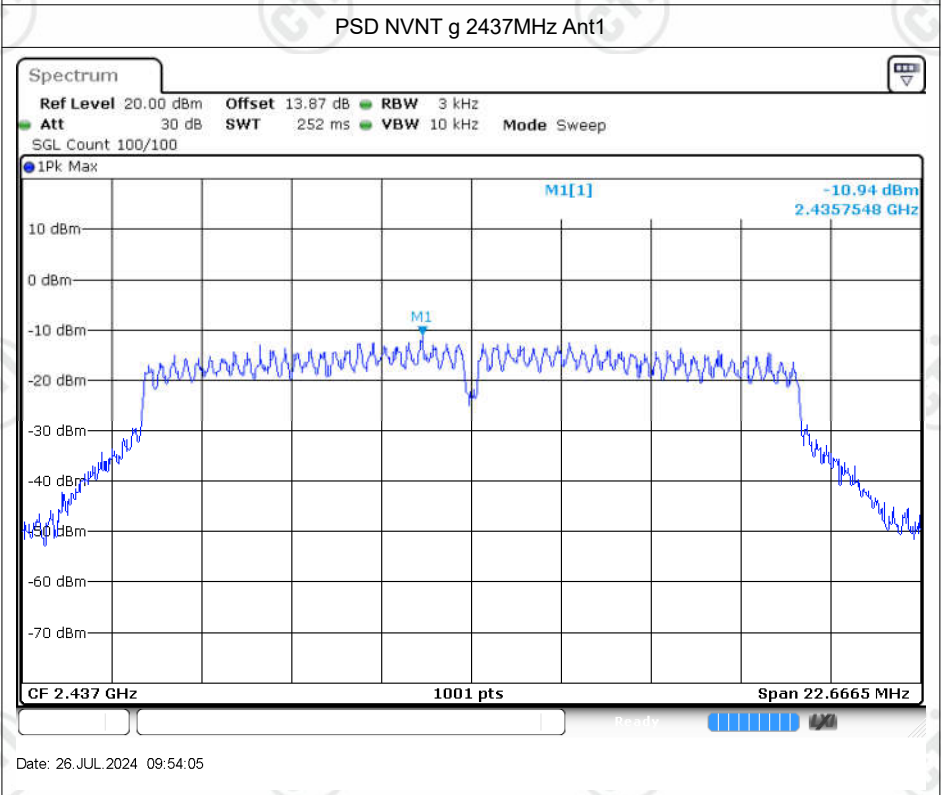
Date: 30 JUL 2024 15:44:32



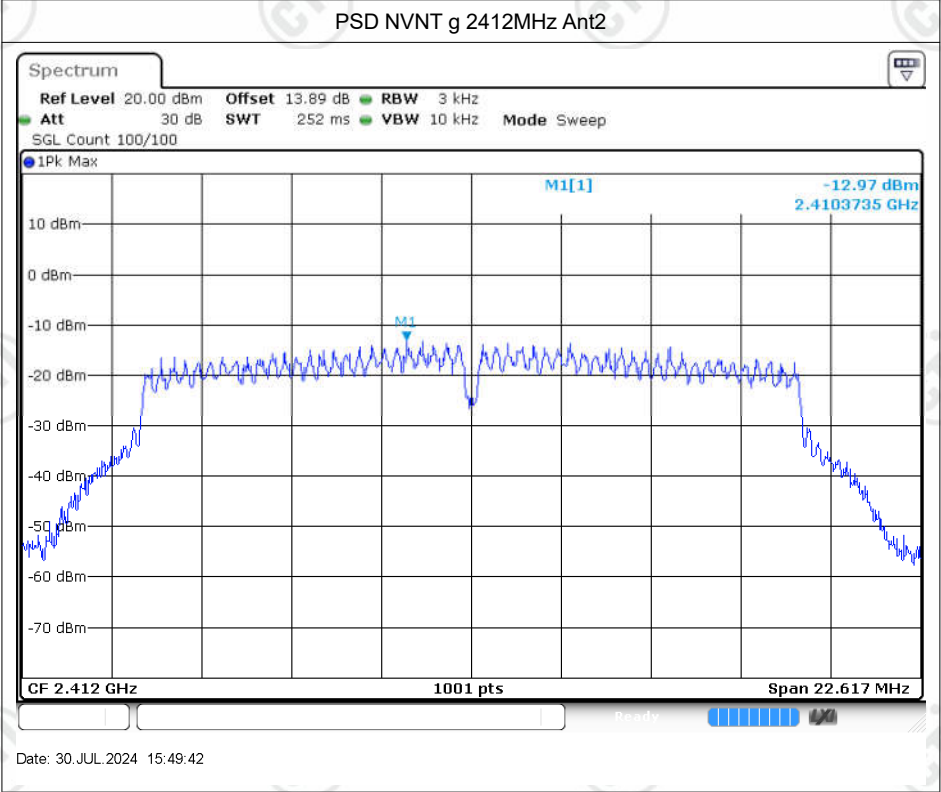
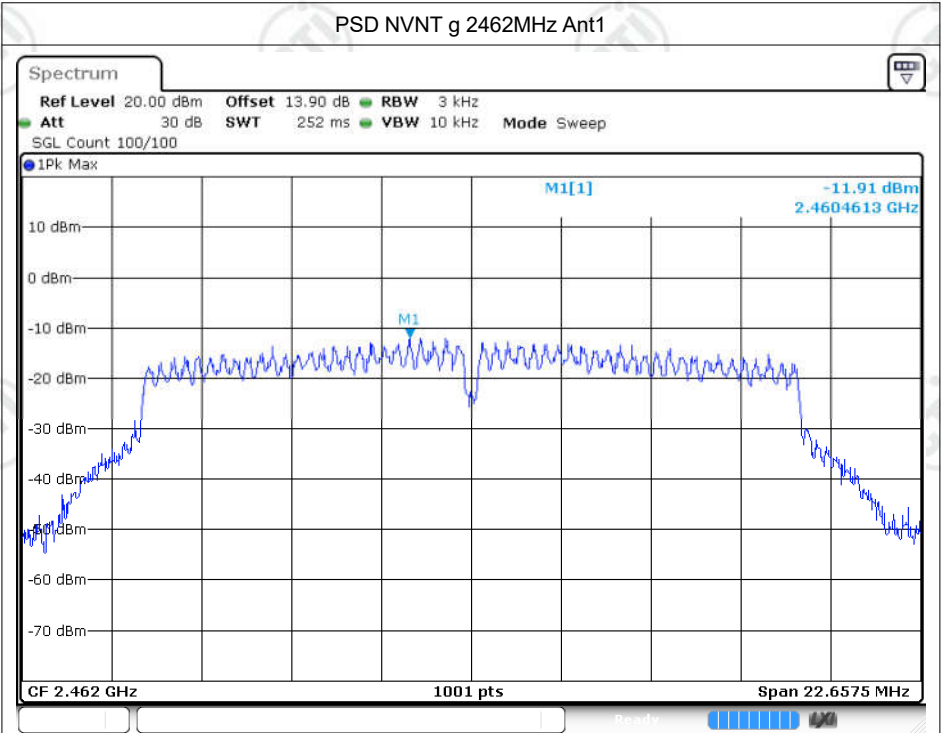
Date: 30 JUL 2024 15:47:11

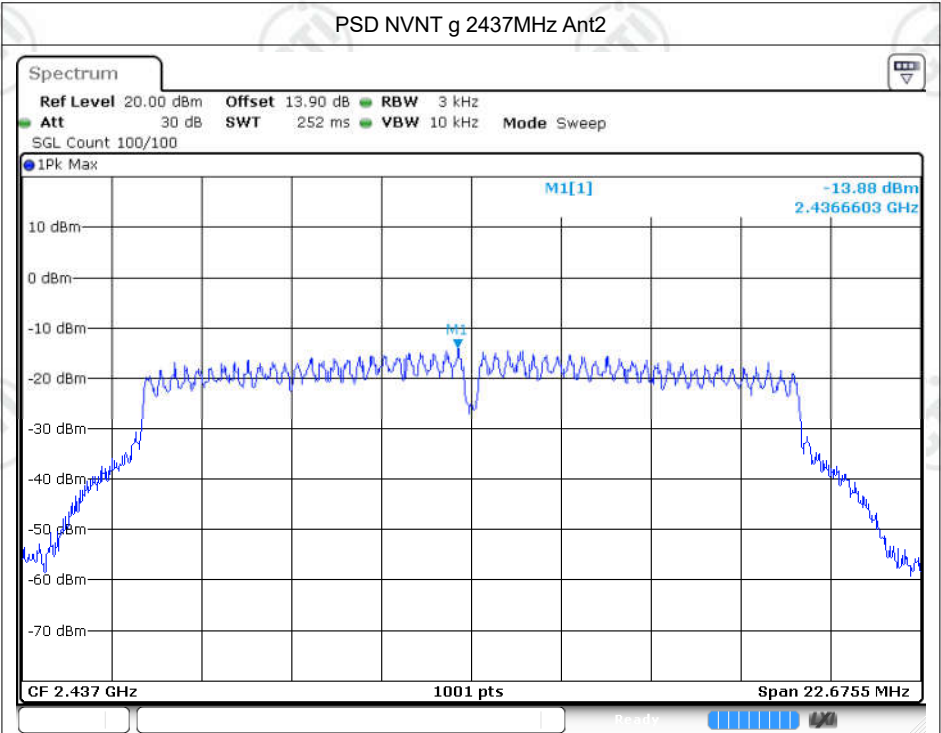


Date: 26 JUL 2024 09:48:22

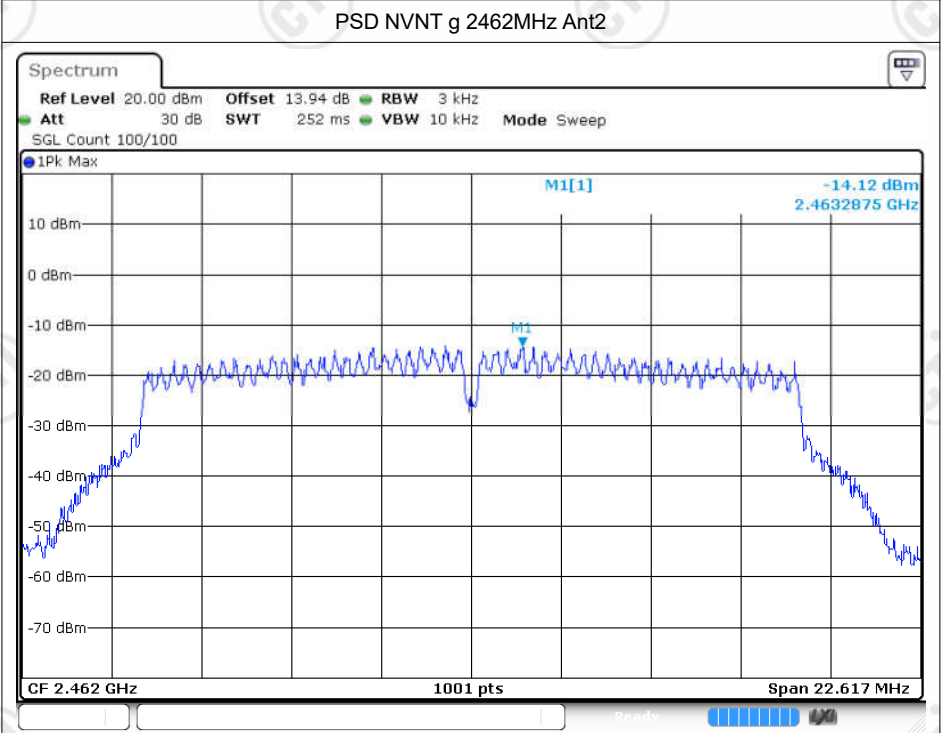


Date: 26 JUL 2024 09:54:05

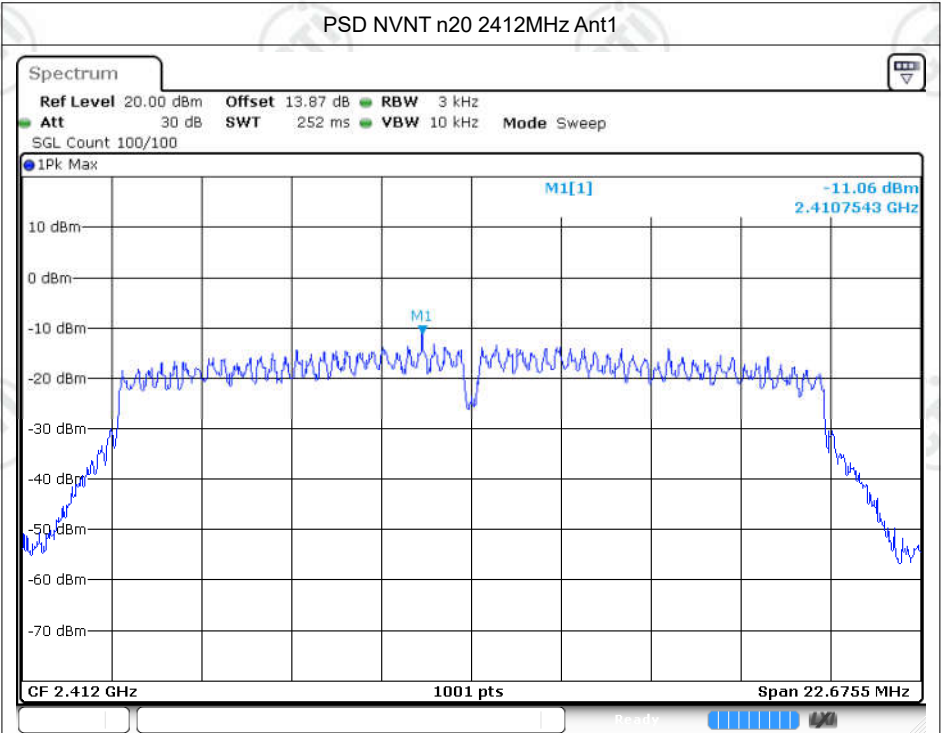




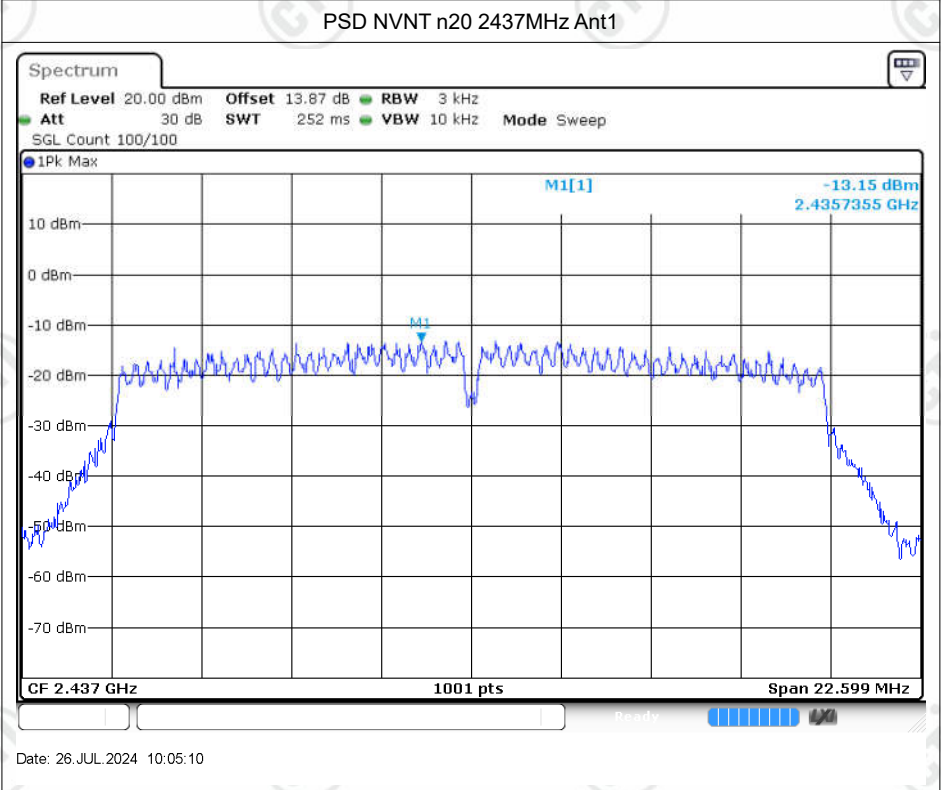
Date: 30 JUL 2024 15:52:04



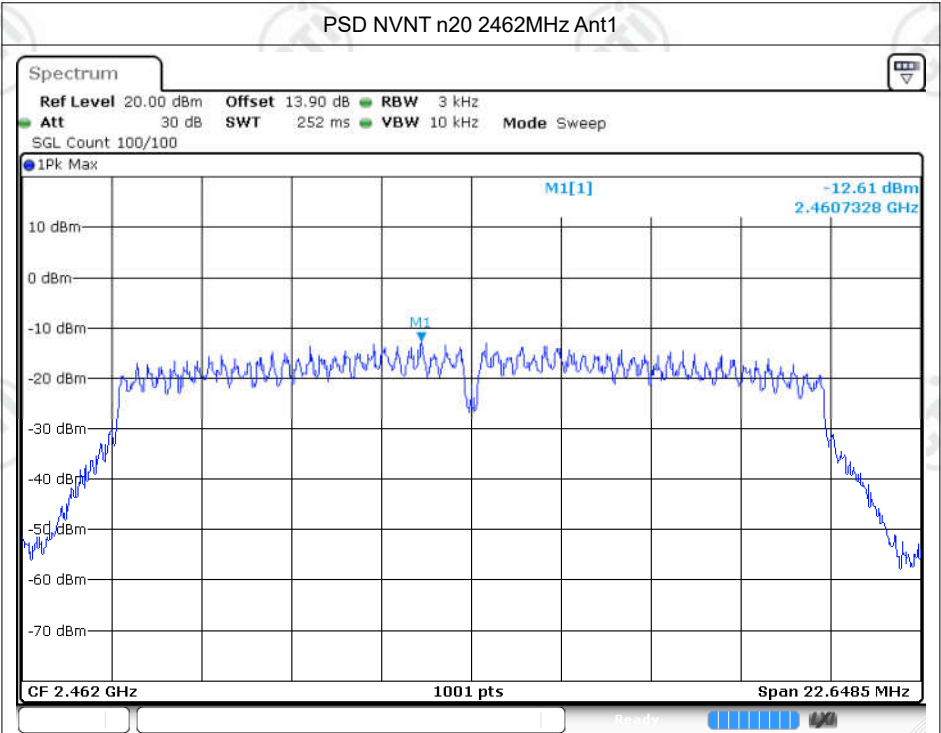
Date: 30 JUL 2024 15:56:46



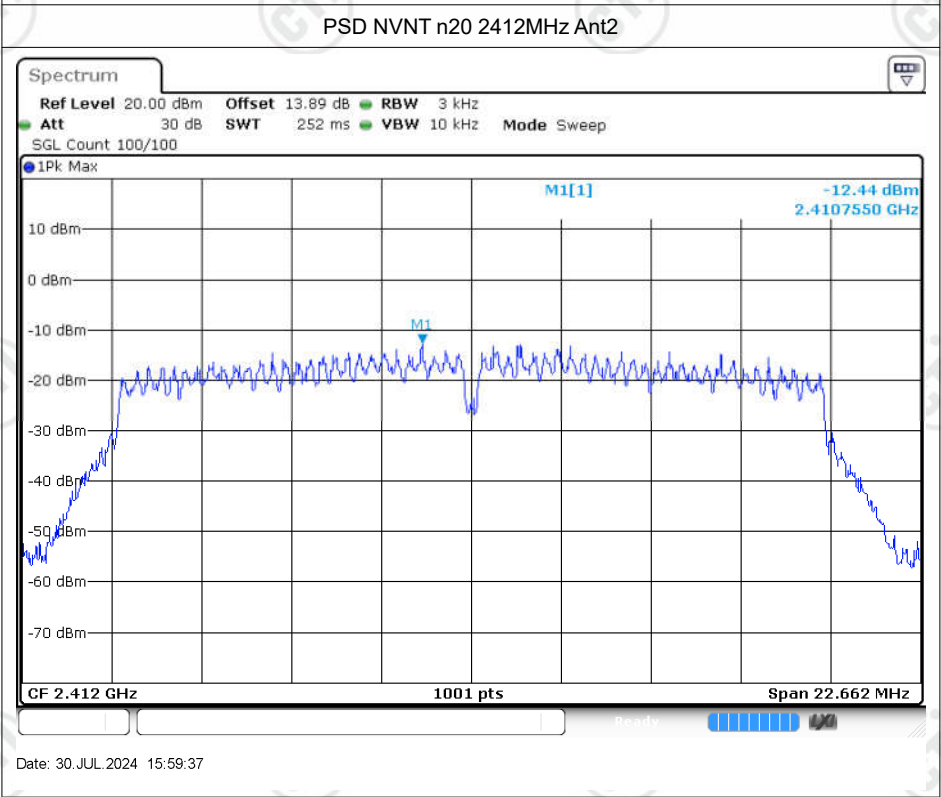
Date: 26 JUL 2024 10:01:15



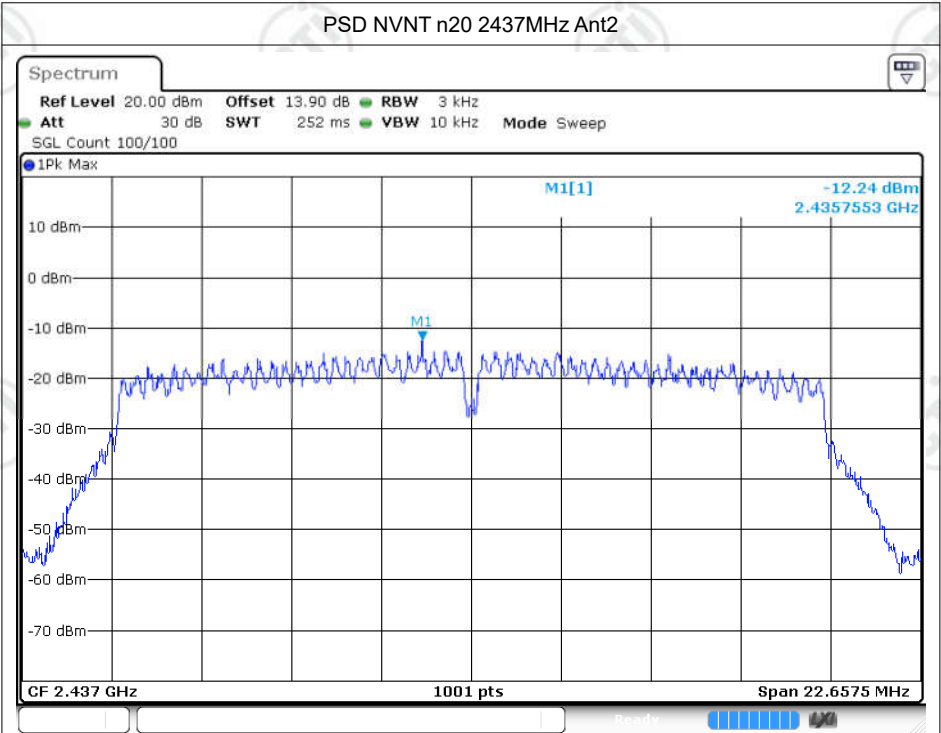
Date: 26 JUL 2024 10:05:10



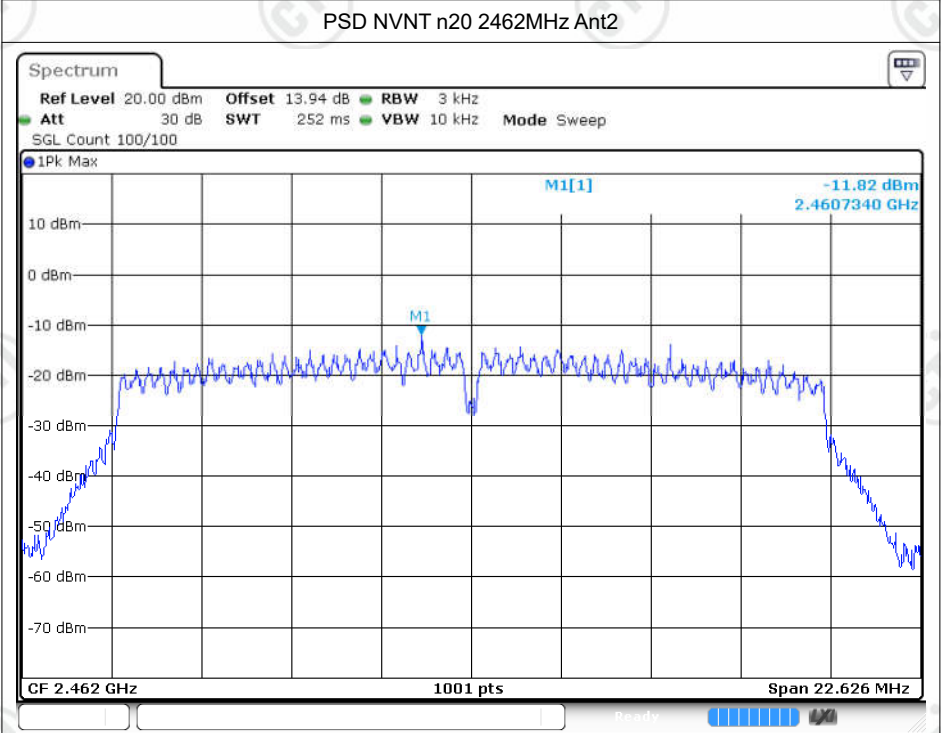
Date: 26 JUL 2024 10:08:26



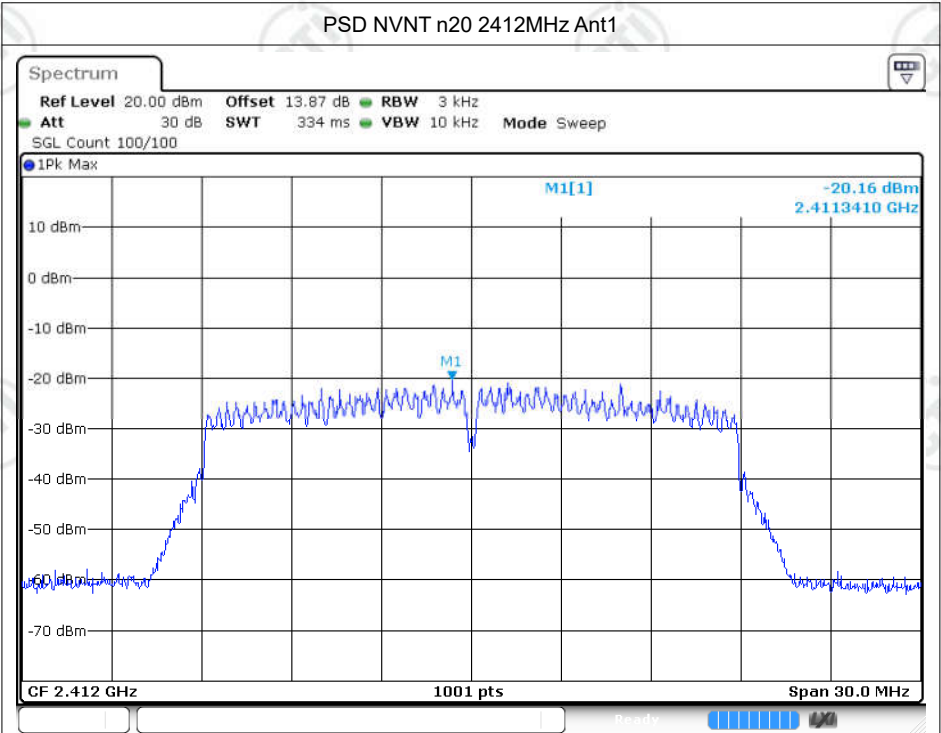
Date: 30 JUL 2024 15:59:37



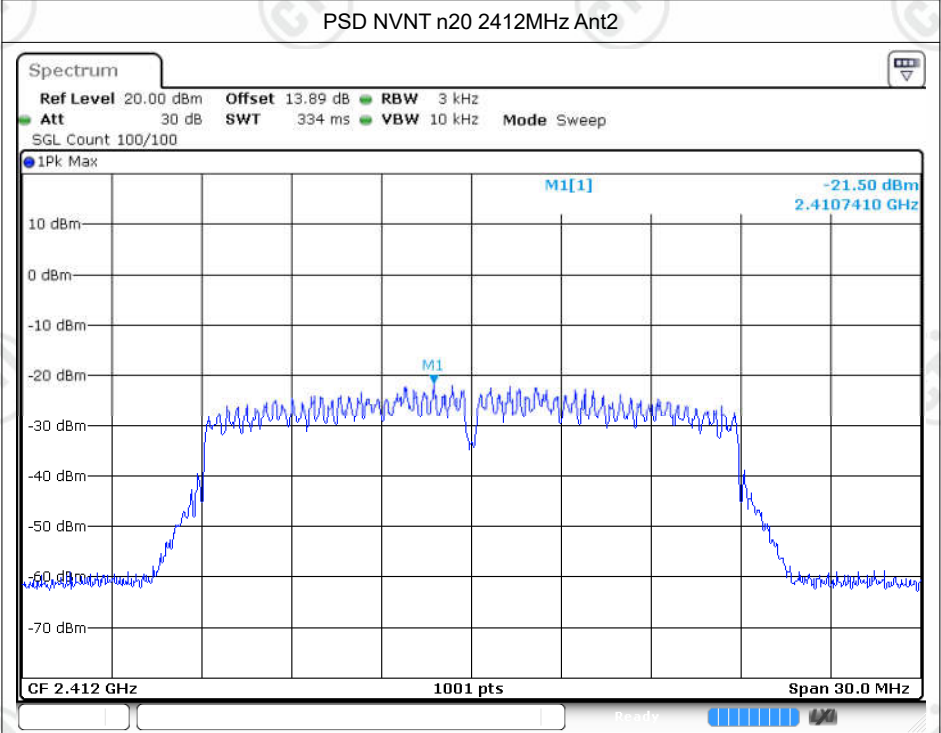
Date: 30 JUL 2024 16:01:37



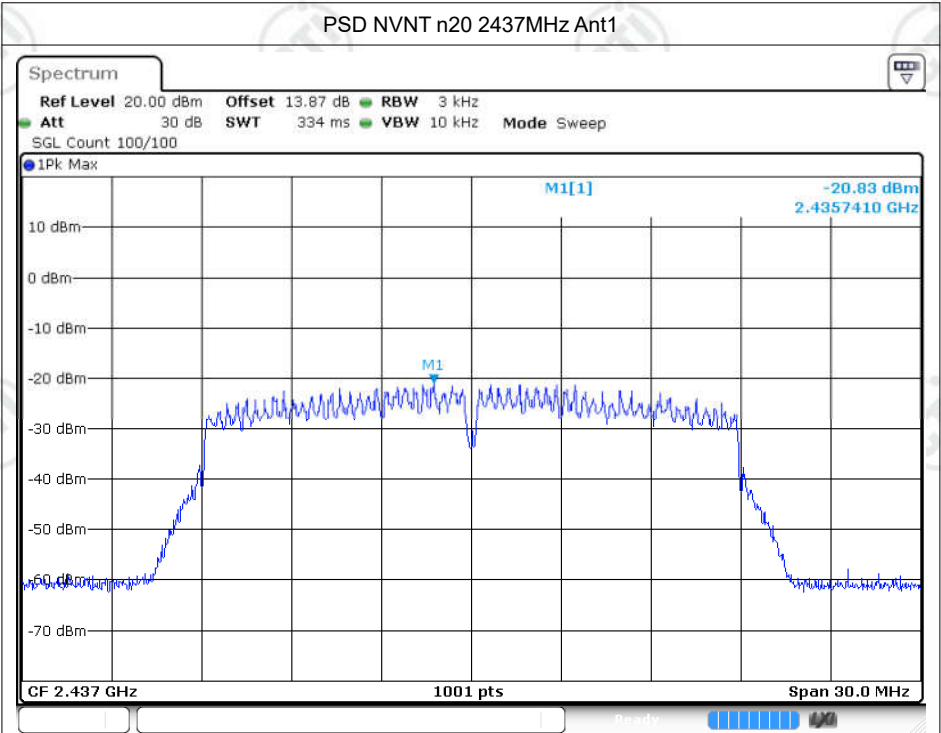
Date: 30 JUL 2024 16:04:05



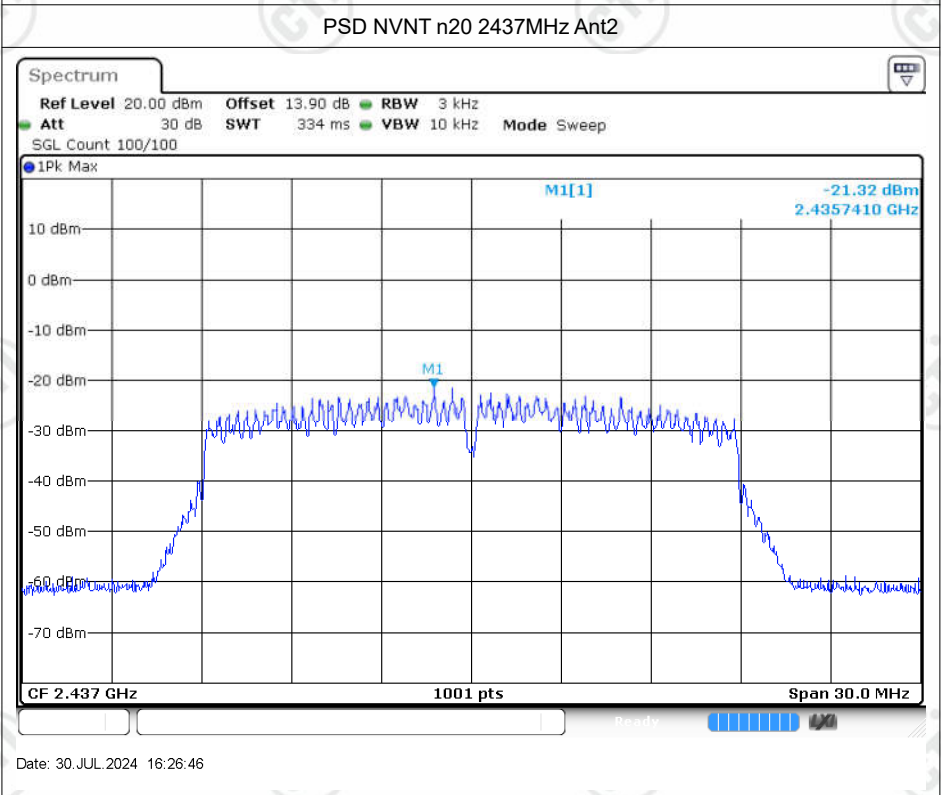
Date: 30 JUL 2024 16:20:17



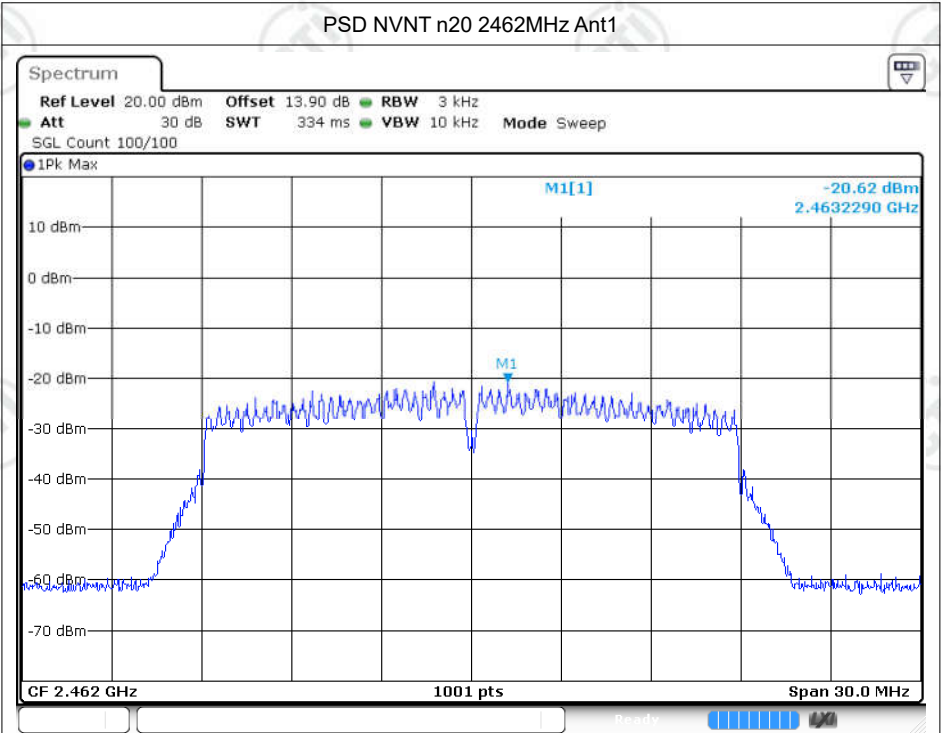
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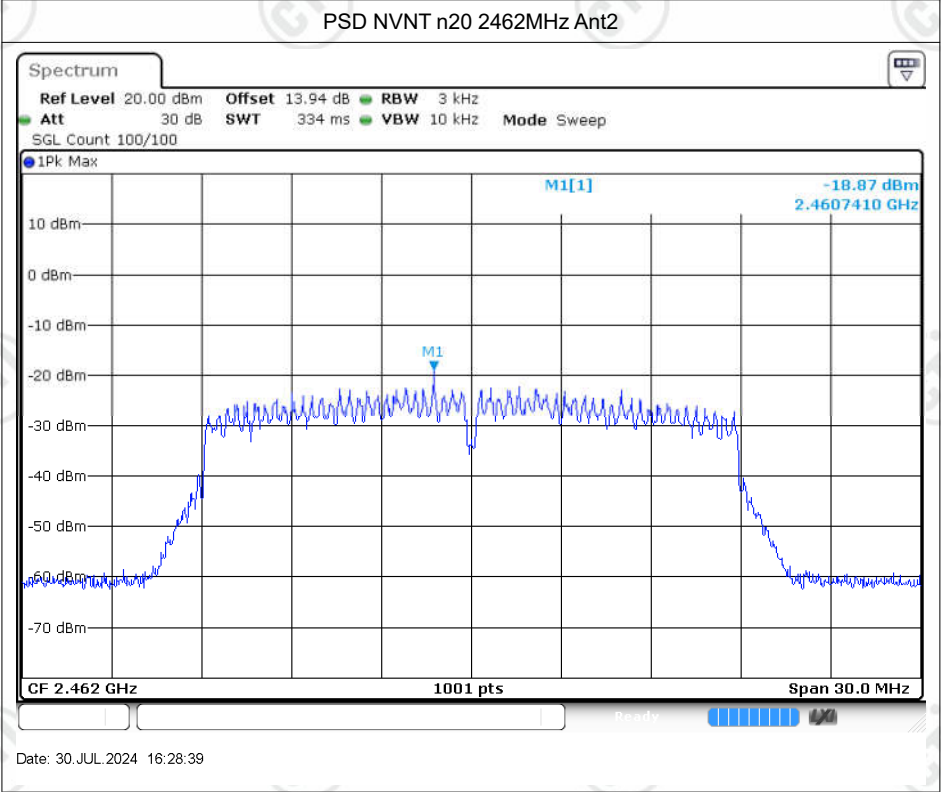
Date: 30 JUL 2024 16:26:03



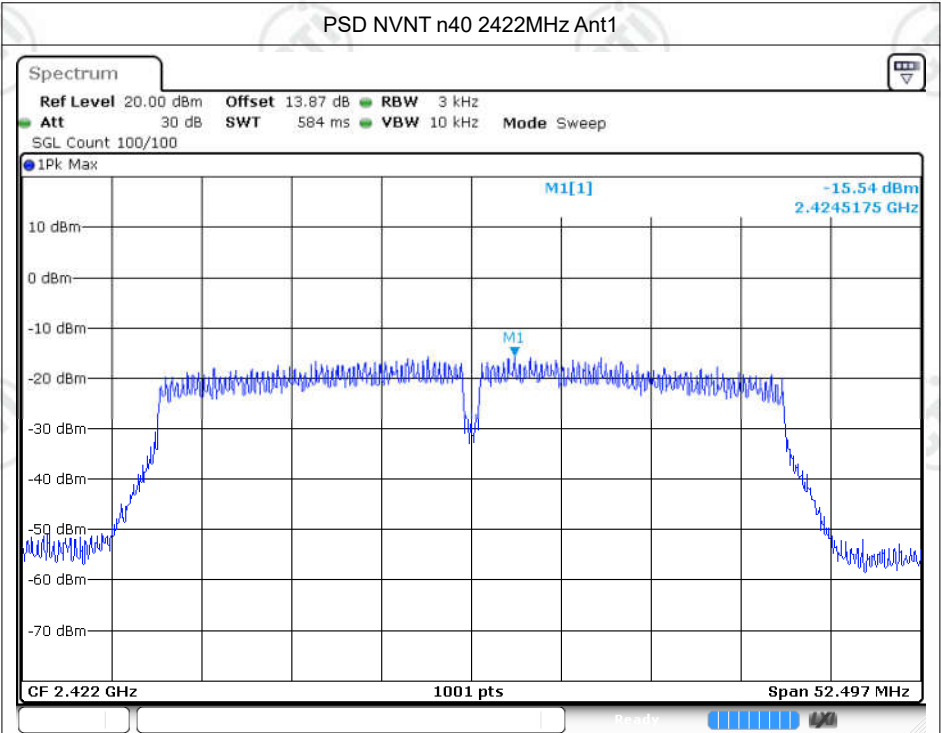
Date: 30 JUL 2024 16:26:46



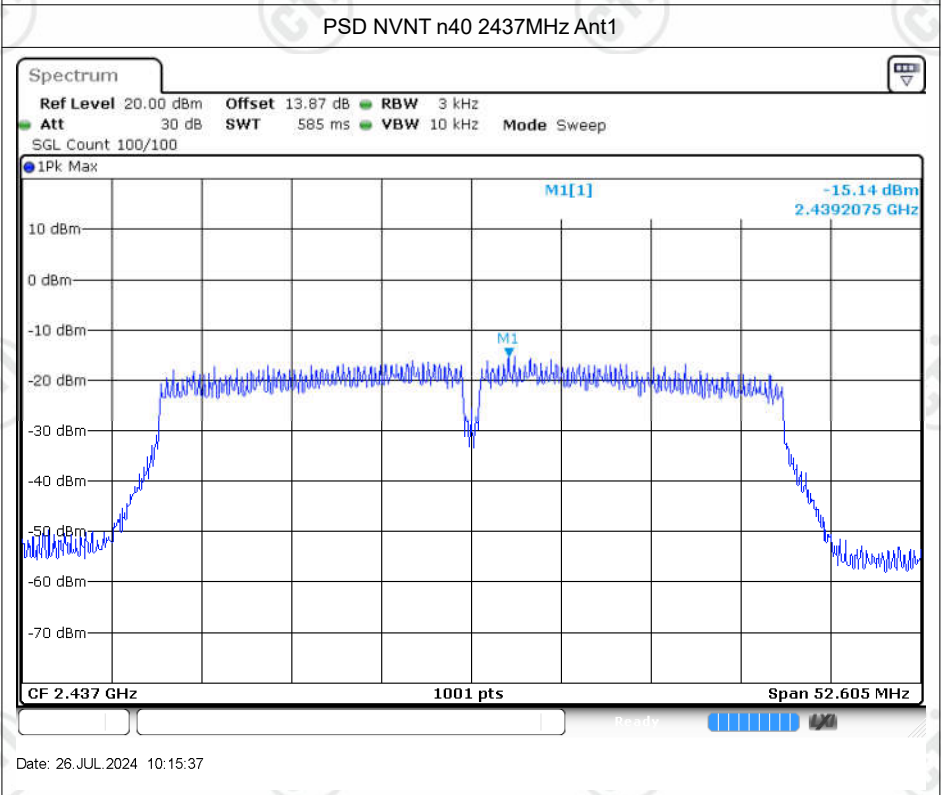
Date: 30 JUL 2024 16:27:56



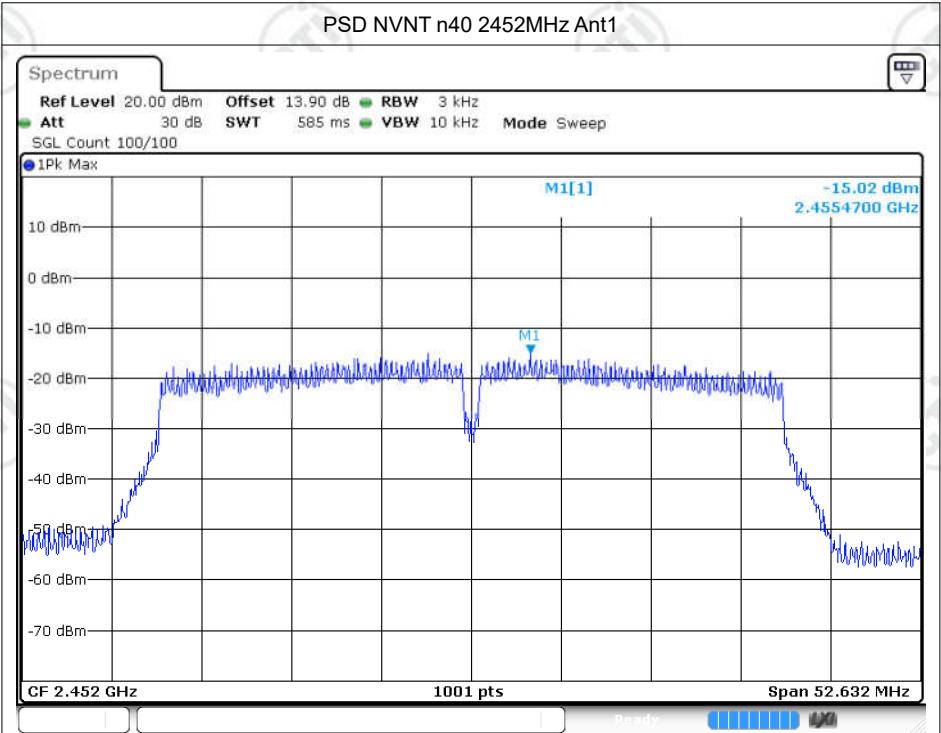
Date: 30 JUL 2024 16:28:39



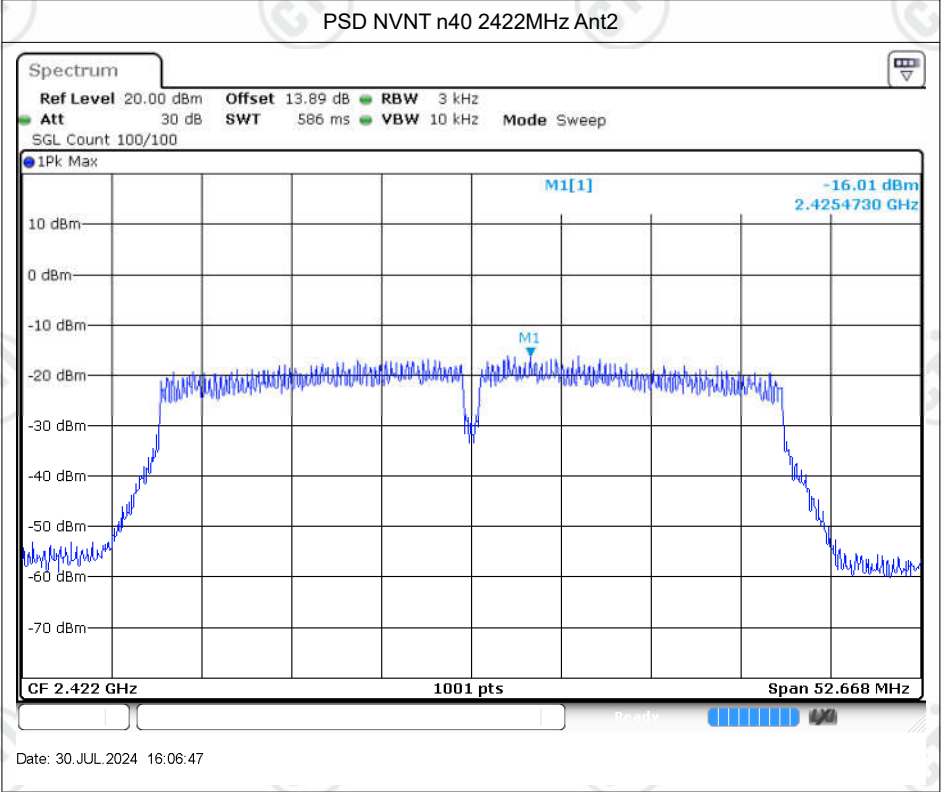
Date: 26 JUL 2024 10:13:06



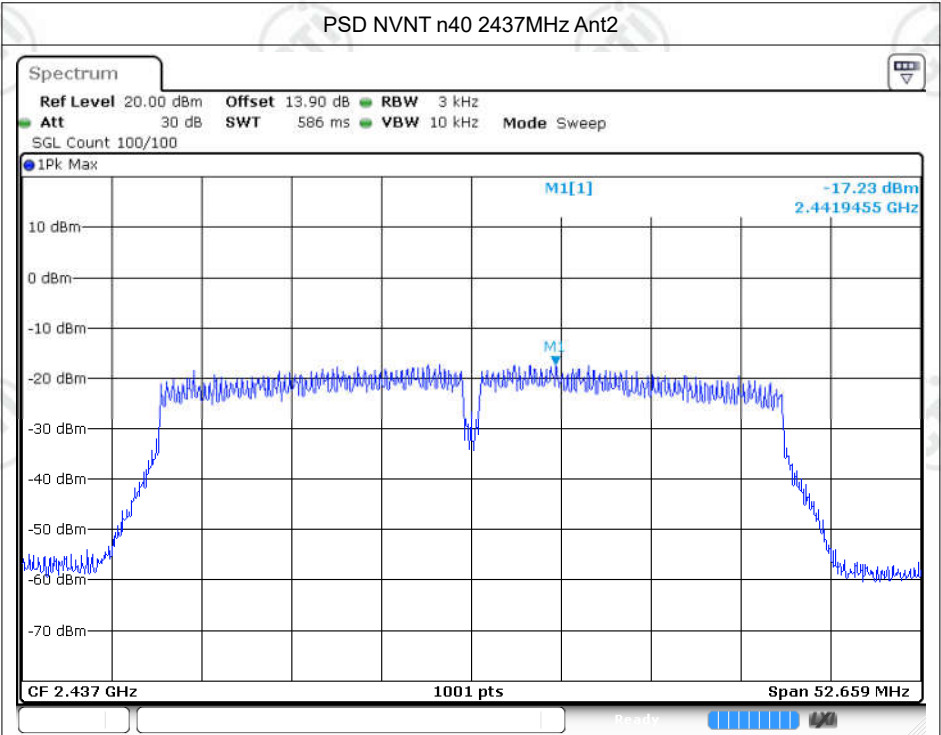
Date: 26 JUL 2024 10:15:37



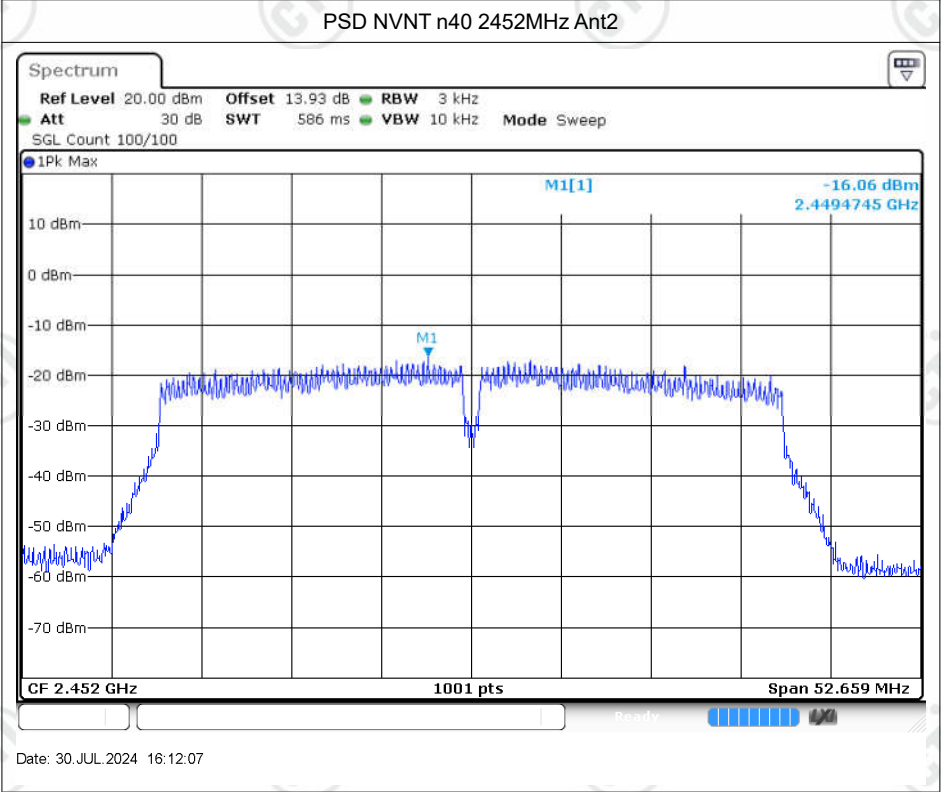
Date: 26 JUL 2024 10:18:09



Date: 30 JUL 2024 16:06:47



Date: 30 JUL 2024 16:09:14



Date: 30 JUL 2024 16:12:07