

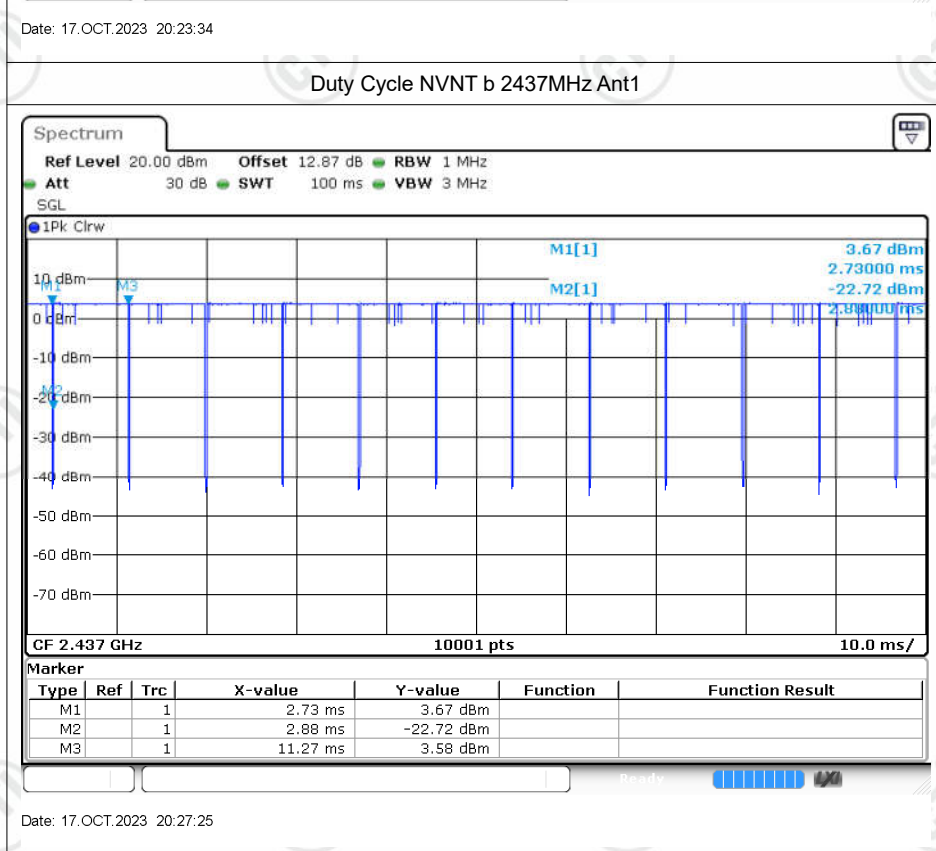
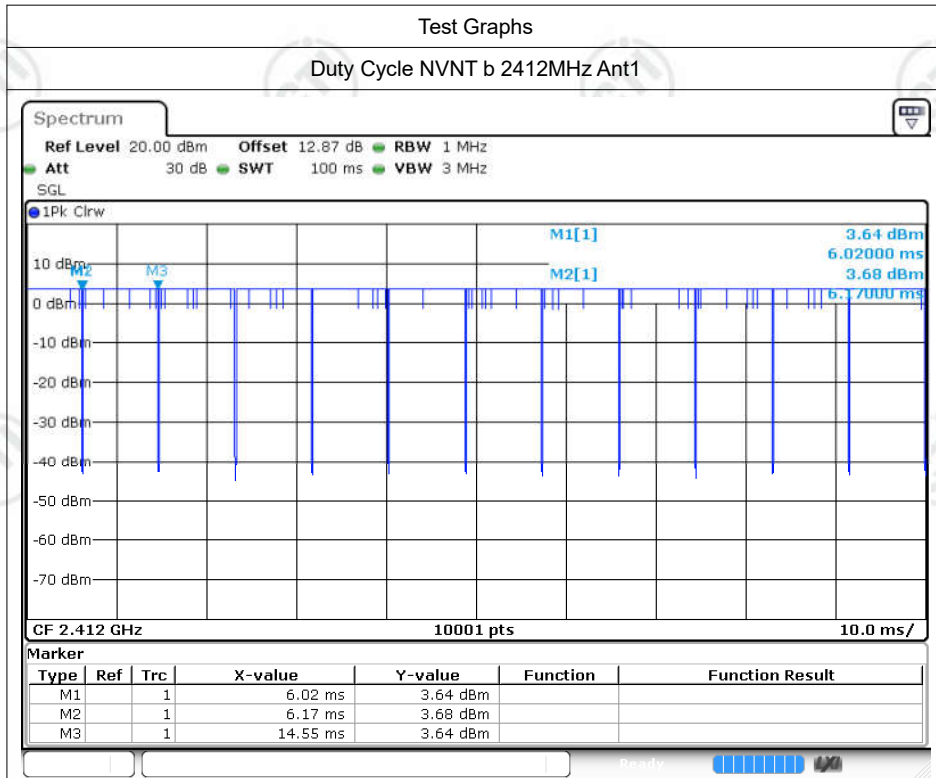
Appendix: 2.4G WIFI

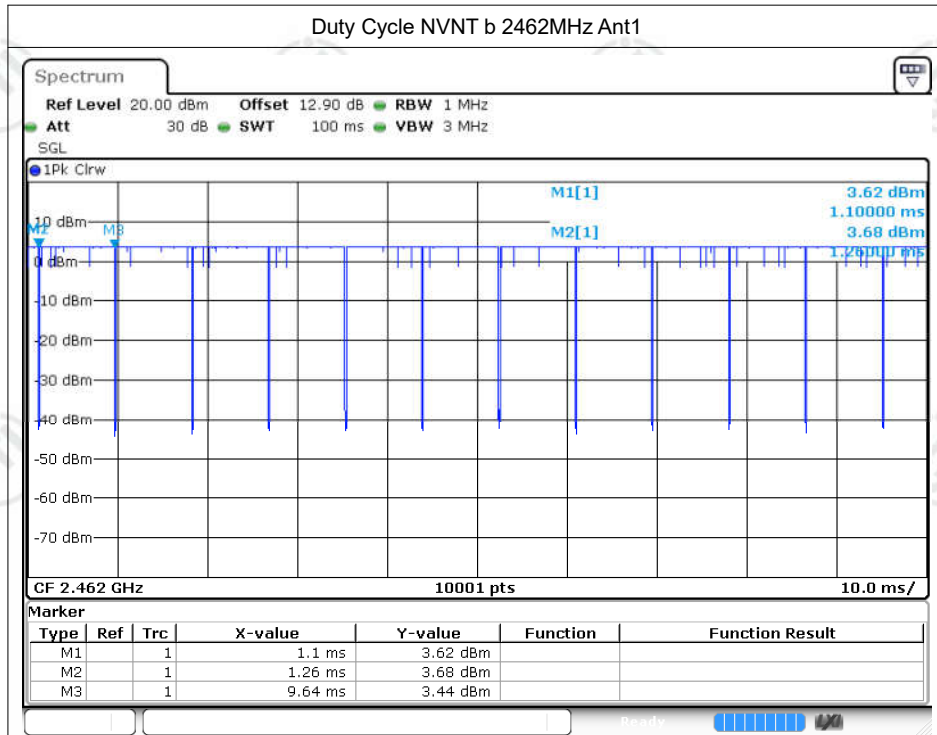
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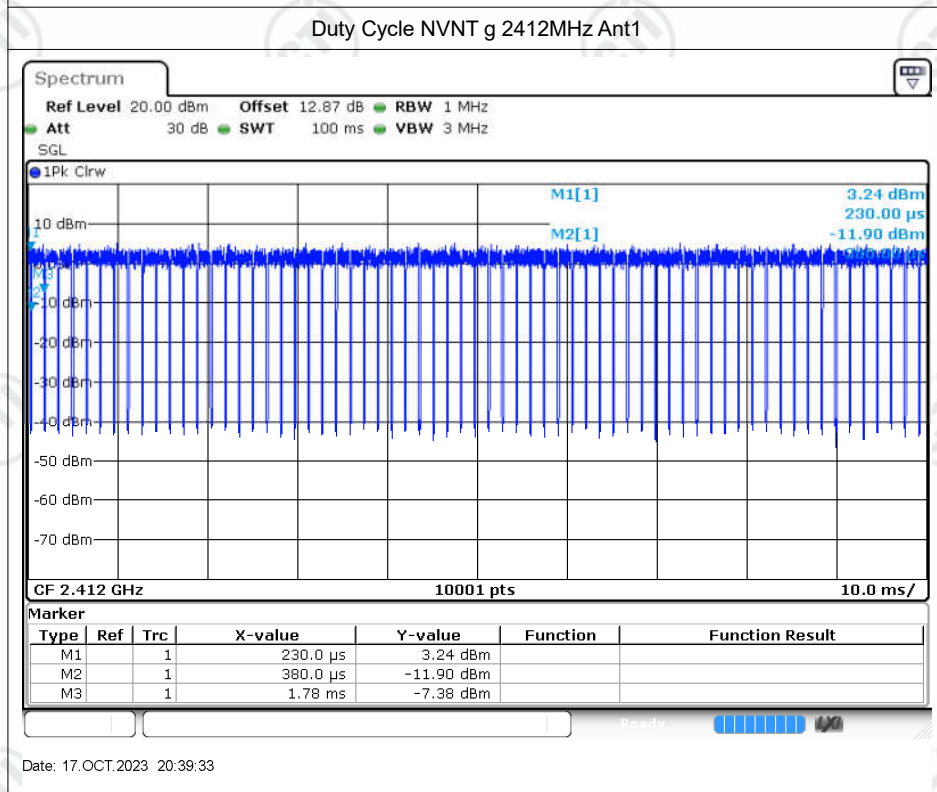
## Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	98.24	0	0.12
NVNT	b	2437	Ant1	98.24	0	0.12
NVNT	b	2462	Ant1	98.13	0	0.12
NVNT	g	2412	Ant1	90.32	0.44	0.71
NVNT	g	2437	Ant1	90.26	0.45	0.72
NVNT	g	2462	Ant1	90.85	0.42	0.72
NVNT	n20	2412	Ant1	88.97	0.51	0.85
NVNT	n20	2437	Ant1	88.35	0.54	0.85
NVNT	n20	2462	Ant1	88.01	0.55	0.85
NVNT	n40	2422	Ant1	80	0.97	1.74
NVNT	n40	2437	Ant1	80.9	0.92	1.74
NVNT	n40	2452	Ant1	79.78	0.98	1.76

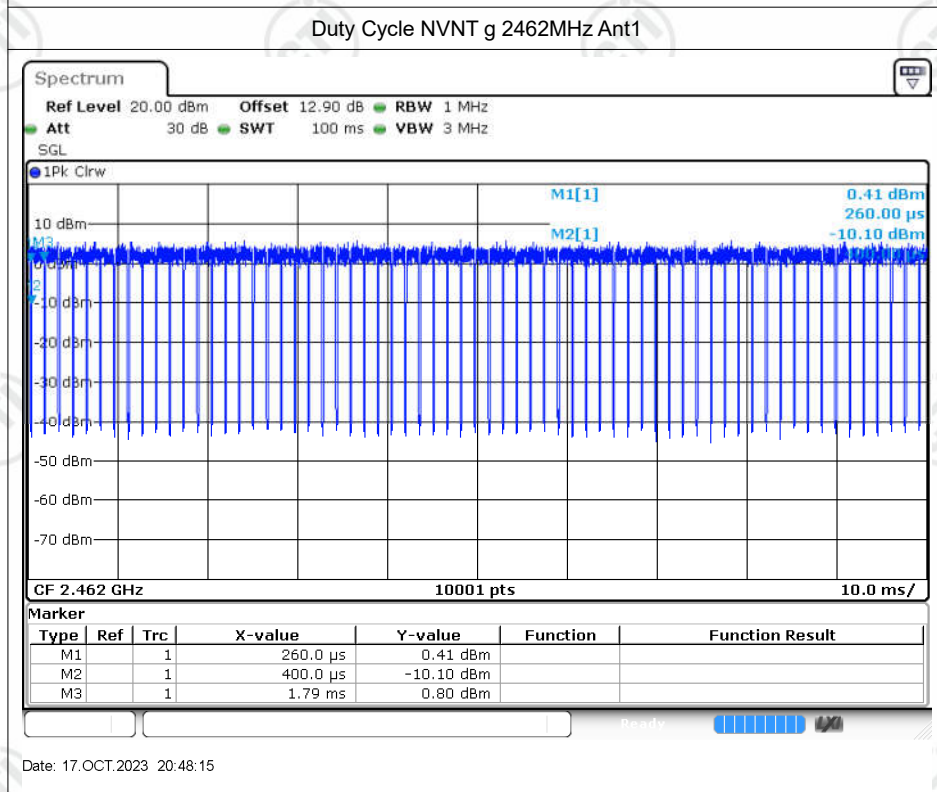
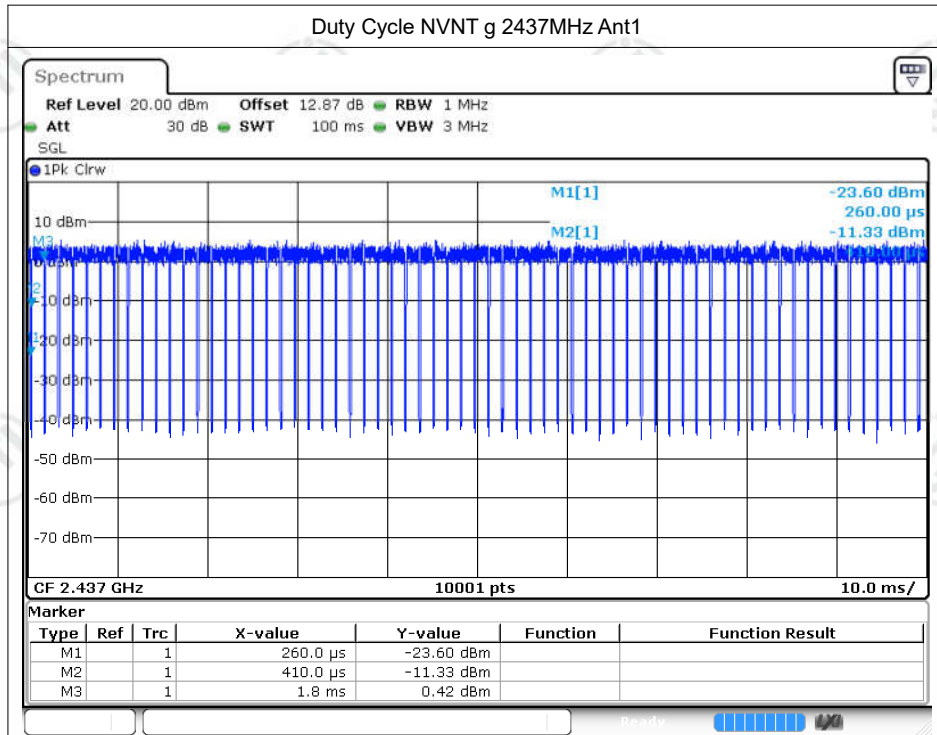


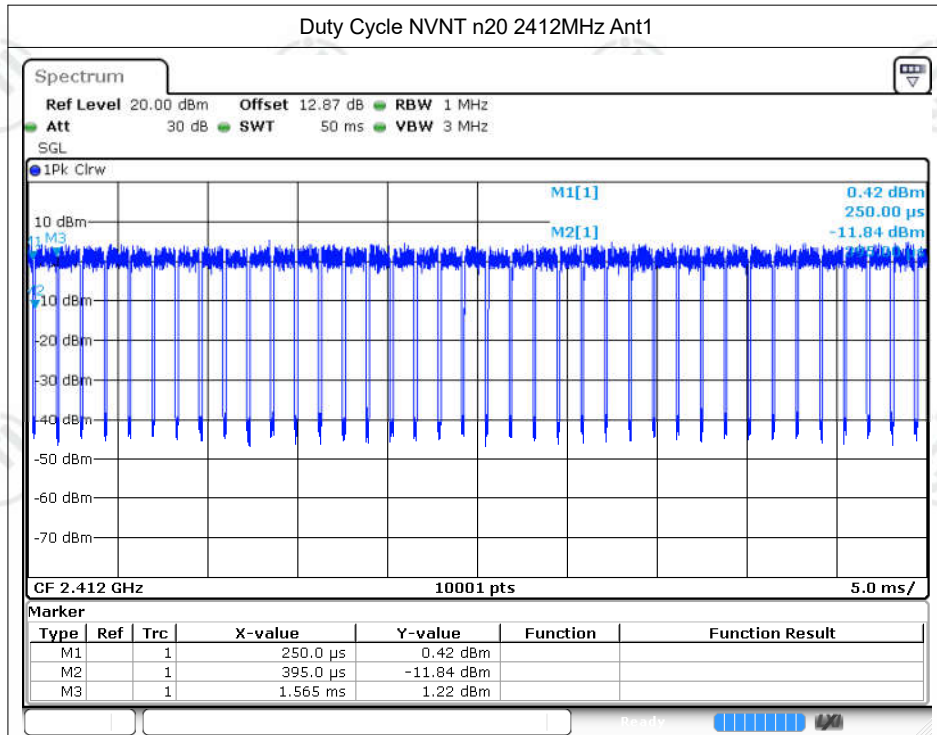


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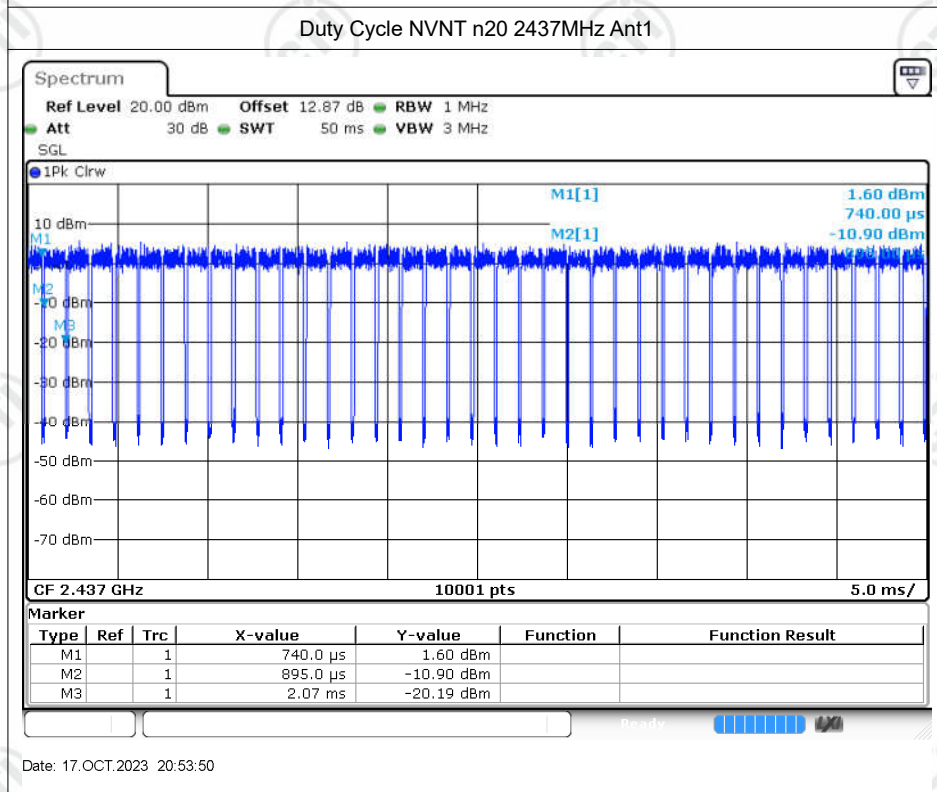


Date: 17.OCT.2023 20:39:33

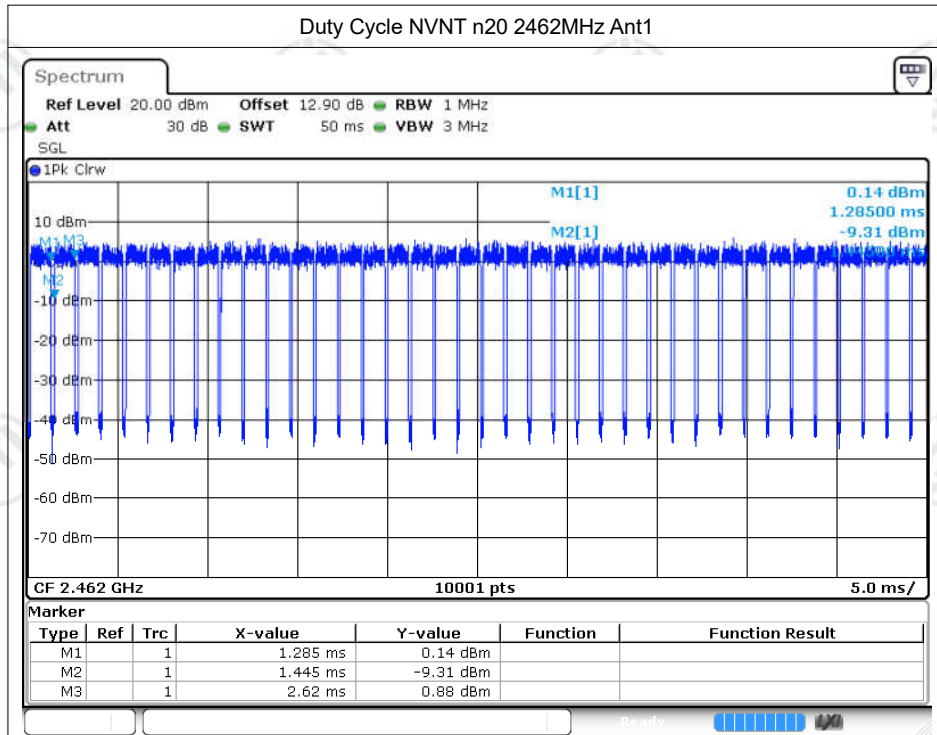




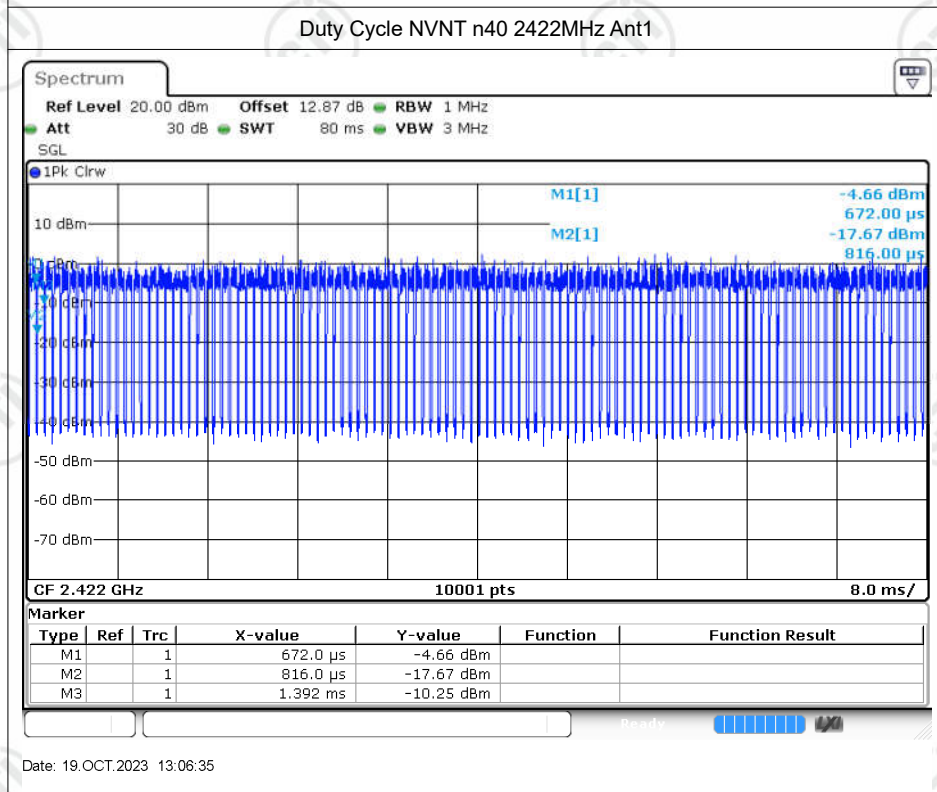
Date: 17.OCT.2023 20:50:04



Date: 17.OCT.2023 20:53:50

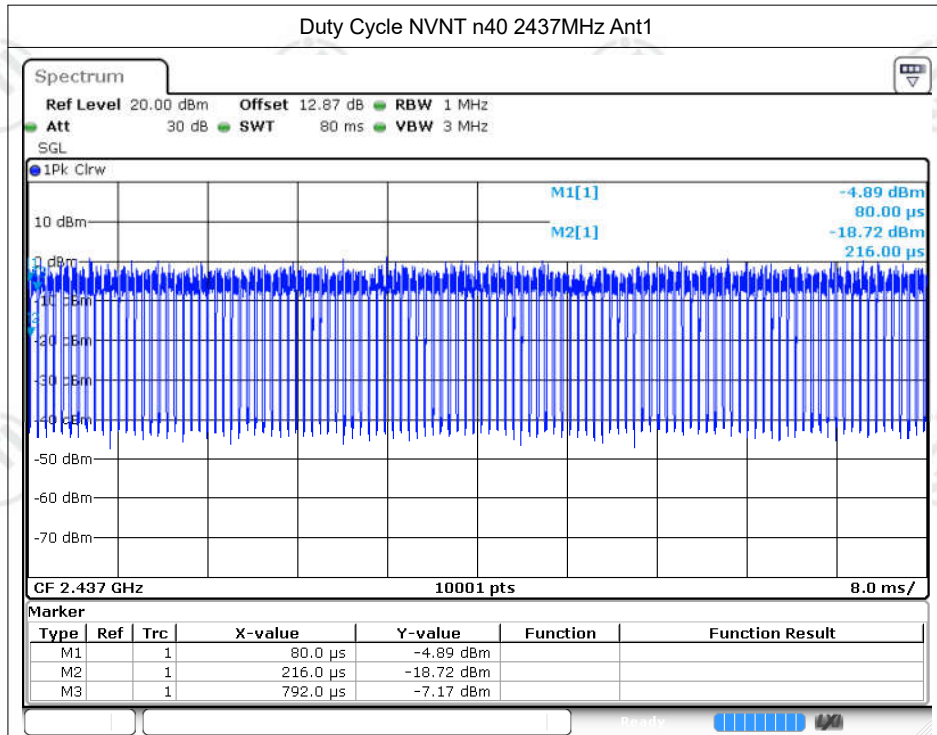


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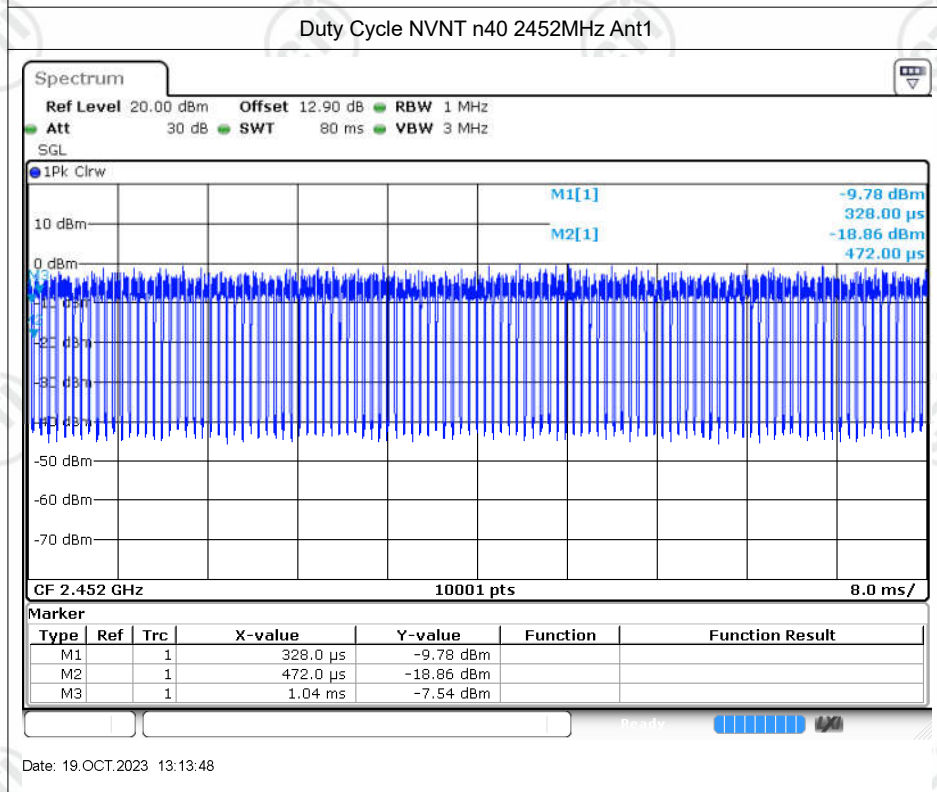


Date: 19.OCT.2023 13:06:35





Date: 19.OCT.2023 13:10:44



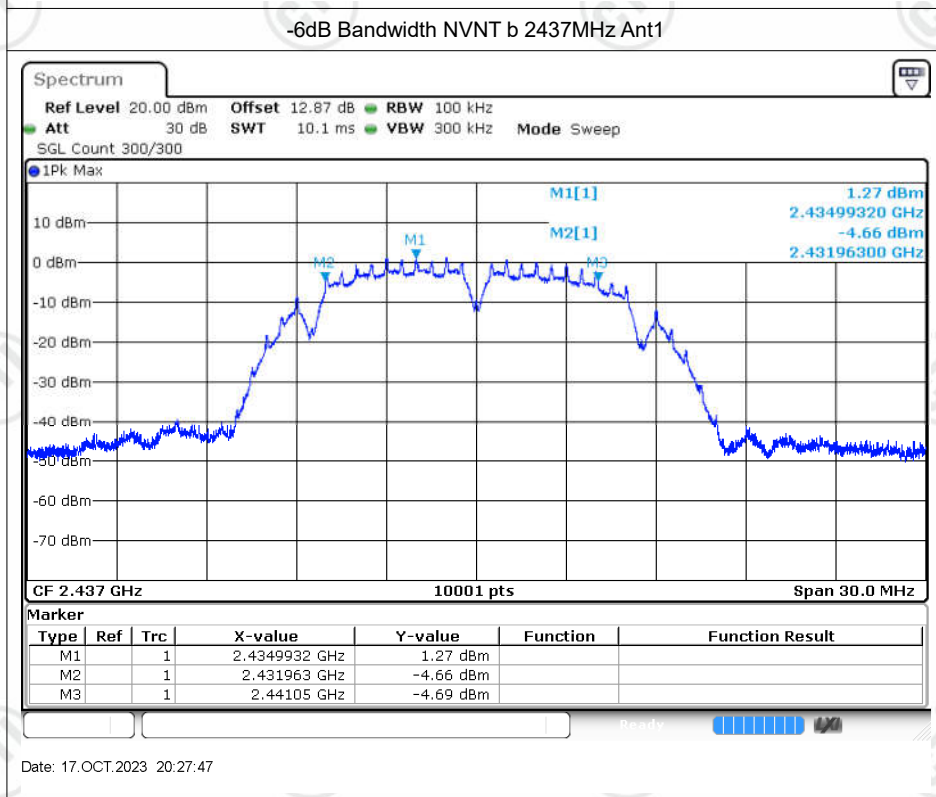
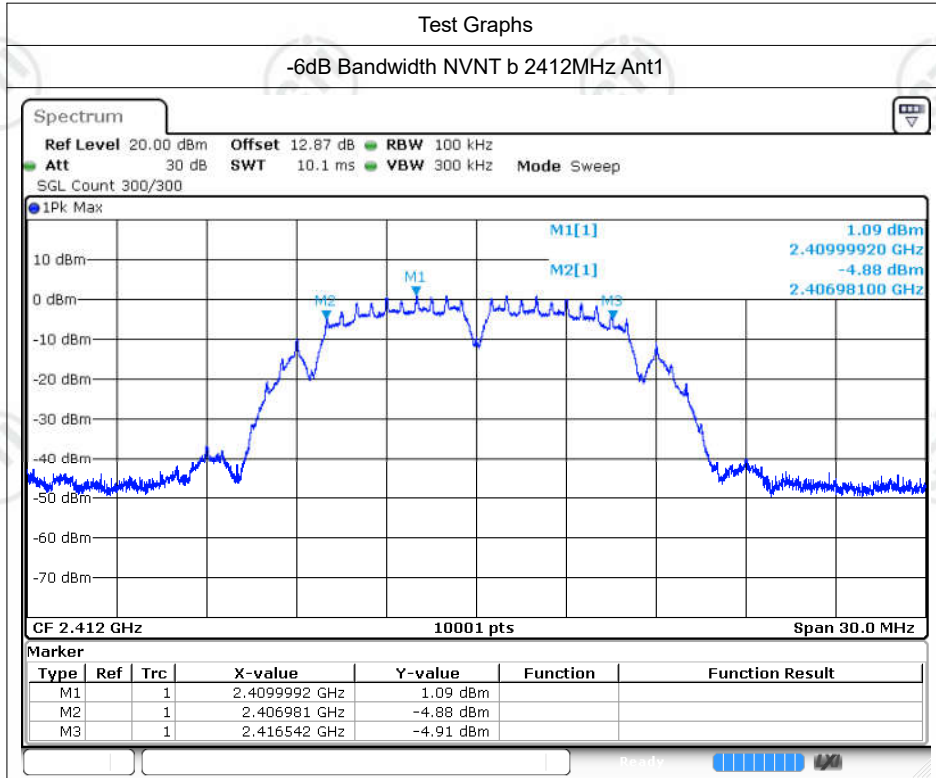
Date: 19.OCT.2023 13:13:48

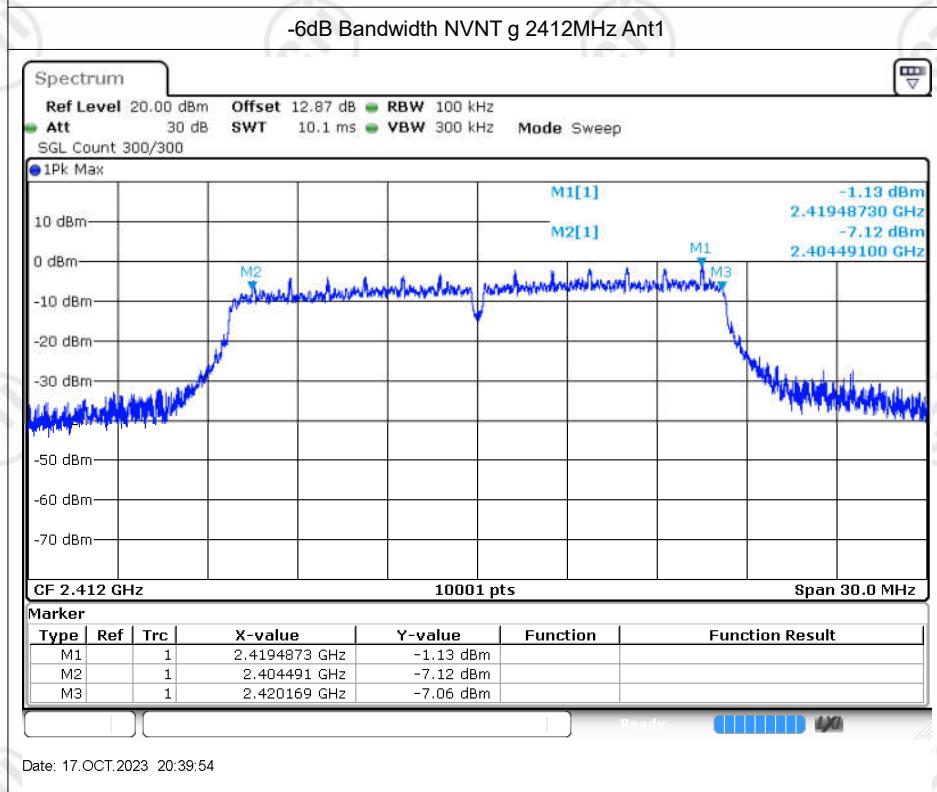
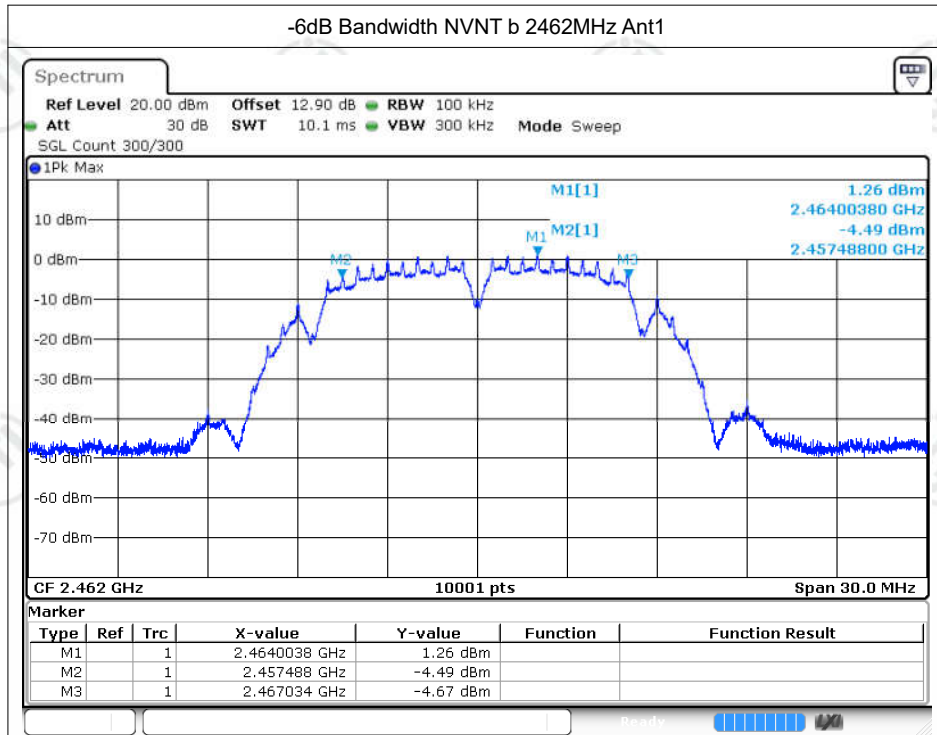
**Maximum Peak Conducted Output Power**

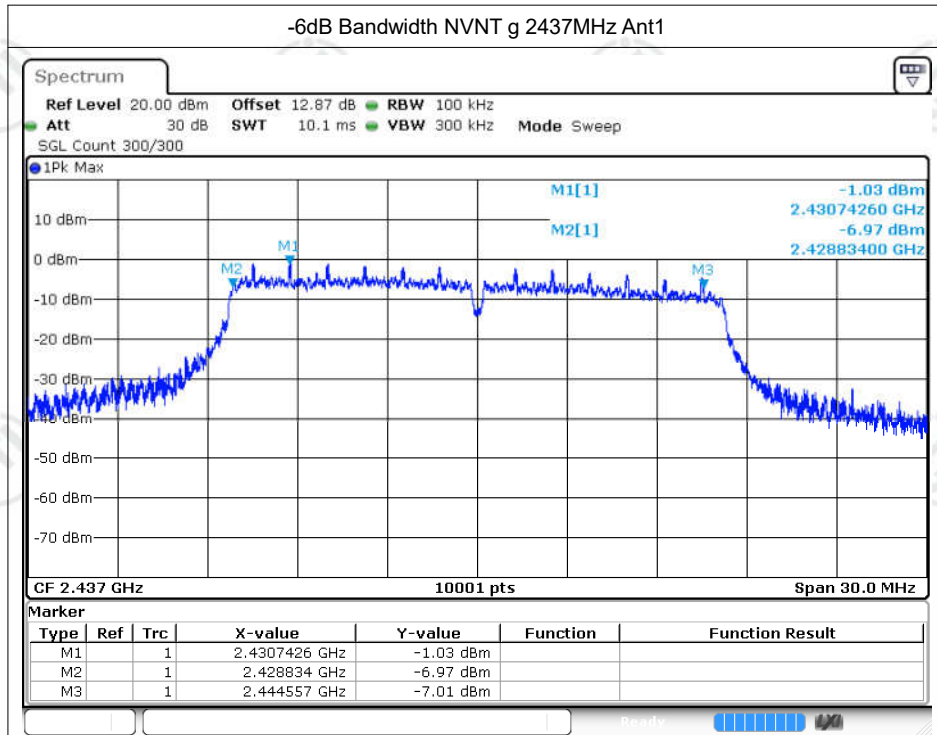
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	10.35	30	Pass
NVNT	b	2437	Ant1	10.52	30	Pass
NVNT	b	2462	Ant1	10.19	30	Pass
NVNT	g	2412	Ant1	9.44	30	Pass
NVNT	g	2437	Ant1	9.7	30	Pass
NVNT	g	2462	Ant1	9.83	30	Pass
NVNT	n20	2412	Ant1	9.46	30	Pass
NVNT	n20	2437	Ant1	9.7	30	Pass
NVNT	n20	2462	Ant1	9.86	30	Pass
NVNT	n40	2422	Ant1	9.67	30	Pass
NVNT	n40	2437	Ant1	9.28	30	Pass
NVNT	n40	2452	Ant1	9.2	30	Pass

**-6dB Bandwidth**

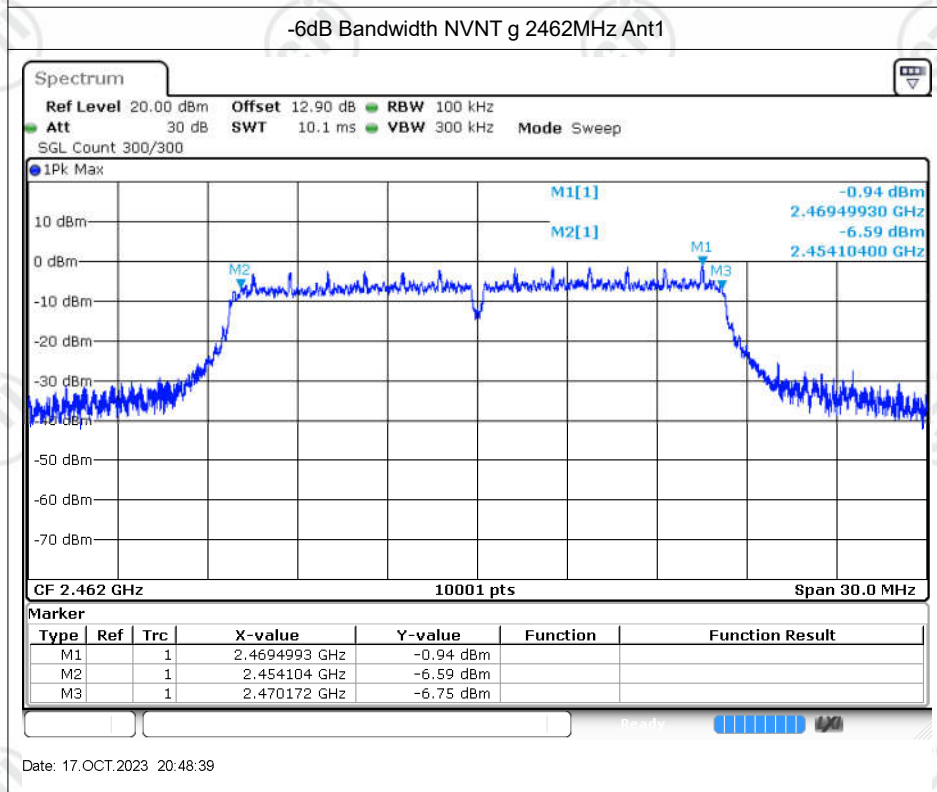
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.561	0.5	Pass
NVNT	b	2437	Ant1	9.087	0.5	Pass
NVNT	b	2462	Ant1	9.546	0.5	Pass
NVNT	g	2412	Ant1	15.678	0.5	Pass
NVNT	g	2437	Ant1	15.723	0.5	Pass
NVNT	g	2462	Ant1	16.068	0.5	Pass
NVNT	n20	2412	Ant1	16.167	0.5	Pass
NVNT	n20	2437	Ant1	16.32	0.5	Pass
NVNT	n20	2462	Ant1	17.091	0.5	Pass
NVNT	n40	2422	Ant1	33.828	0.5	Pass
NVNT	n40	2437	Ant1	30.084	0.5	Pass
NVNT	n40	2452	Ant1	35.592	0.5	Pass



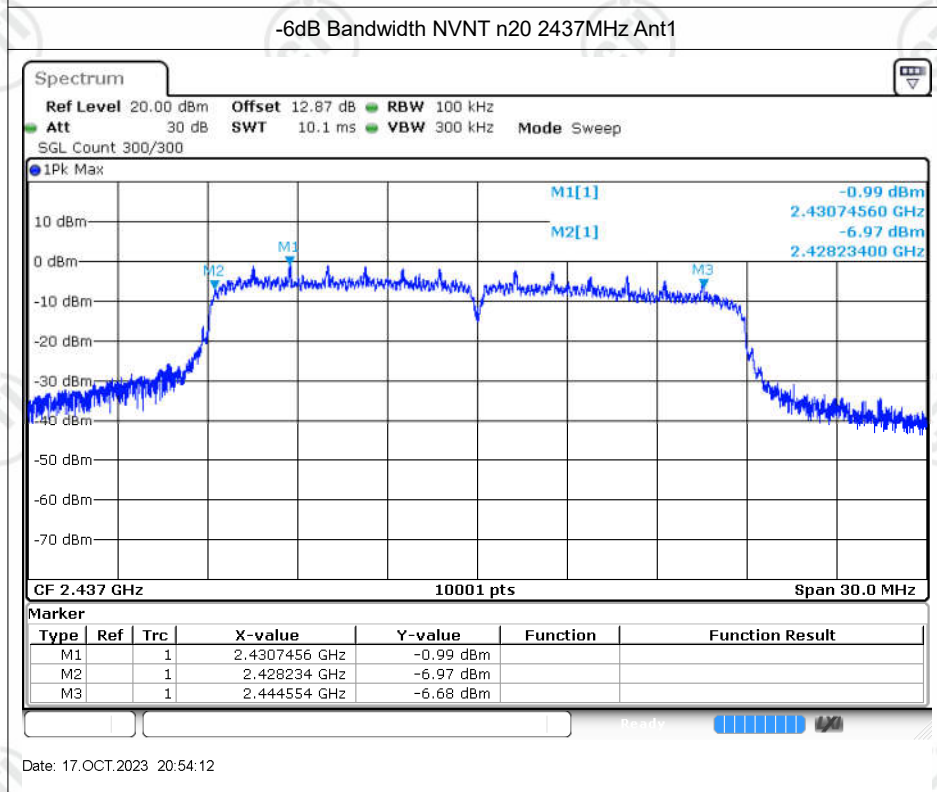
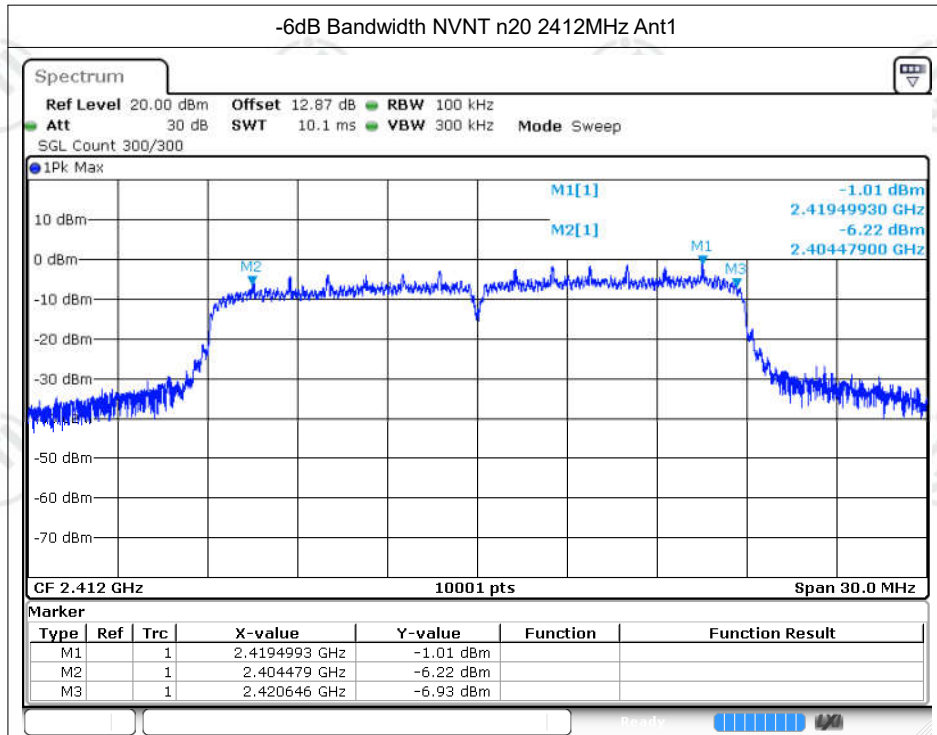


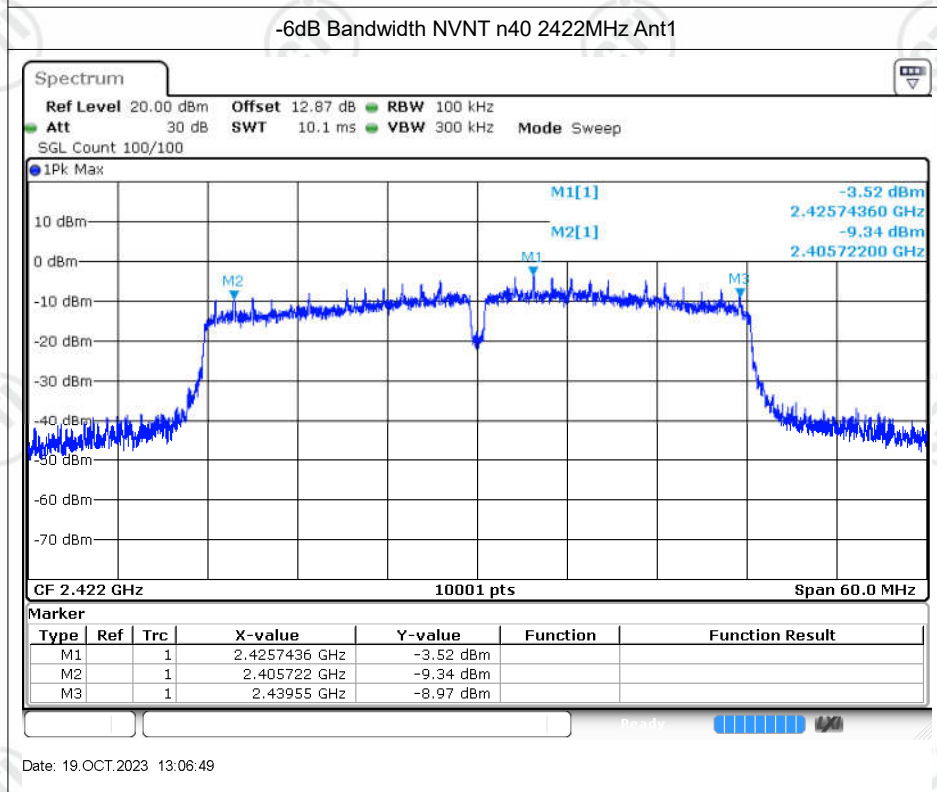
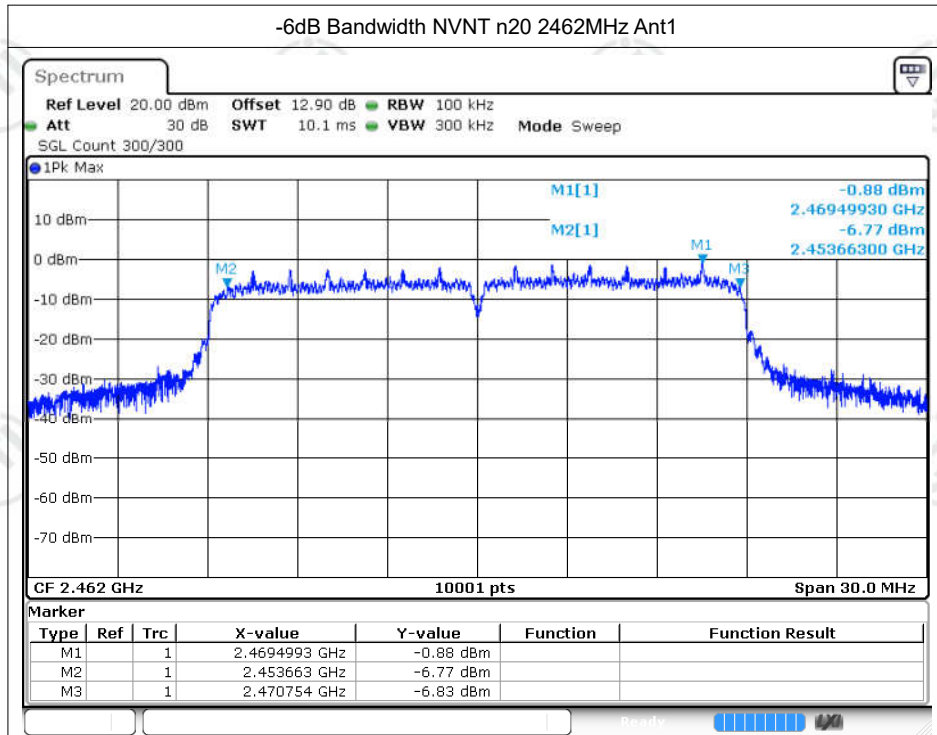


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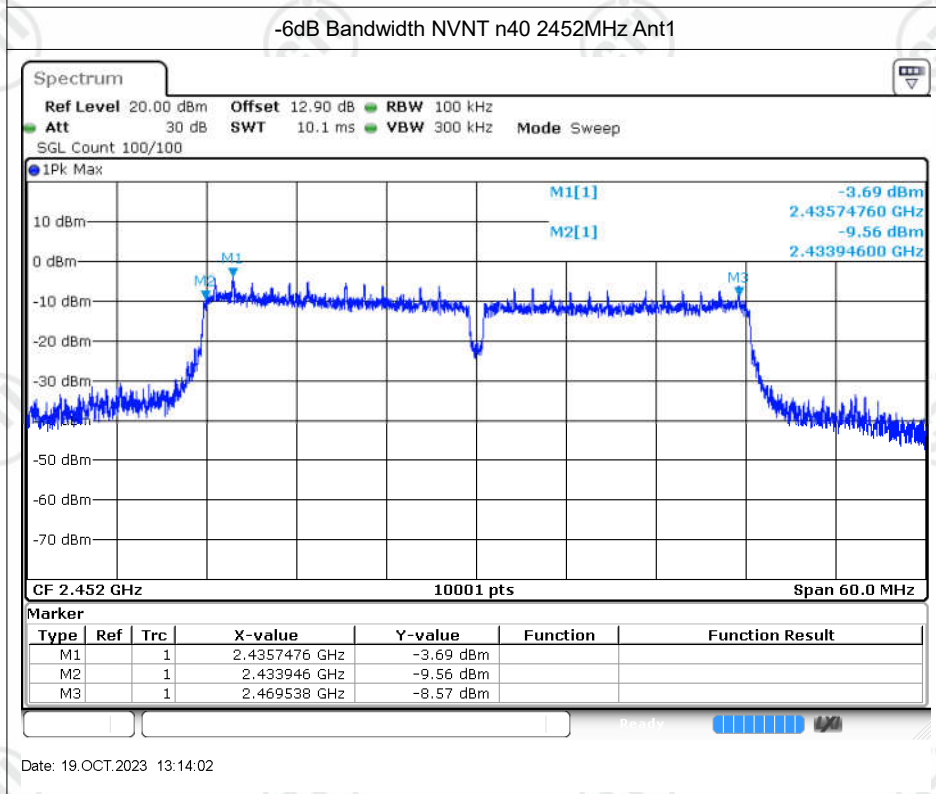
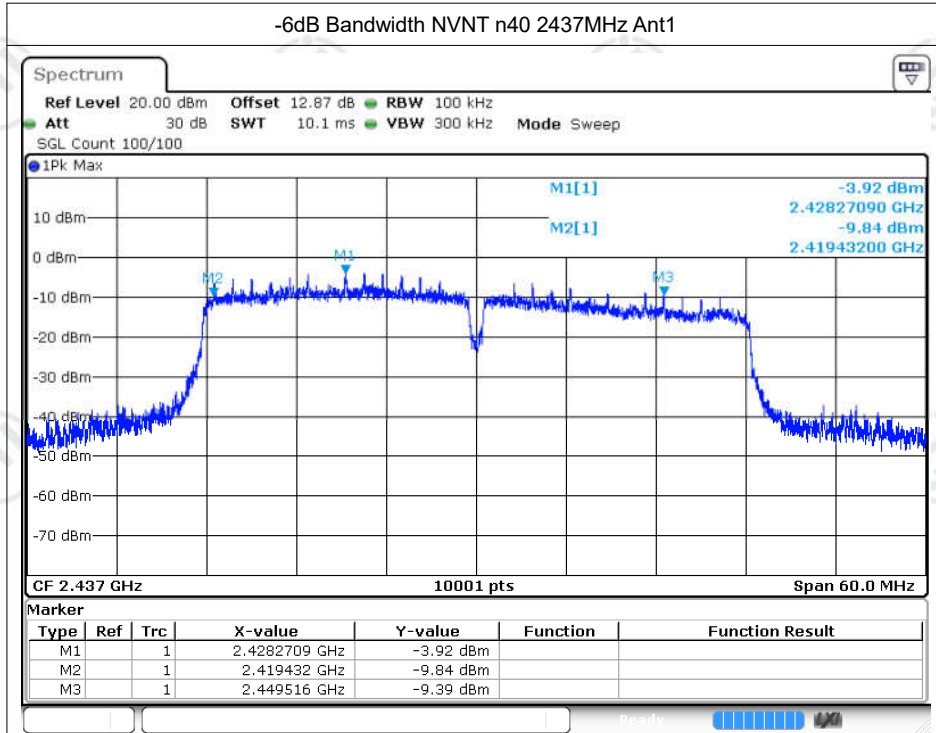


Date: 17.OCT.2023 20:48:39



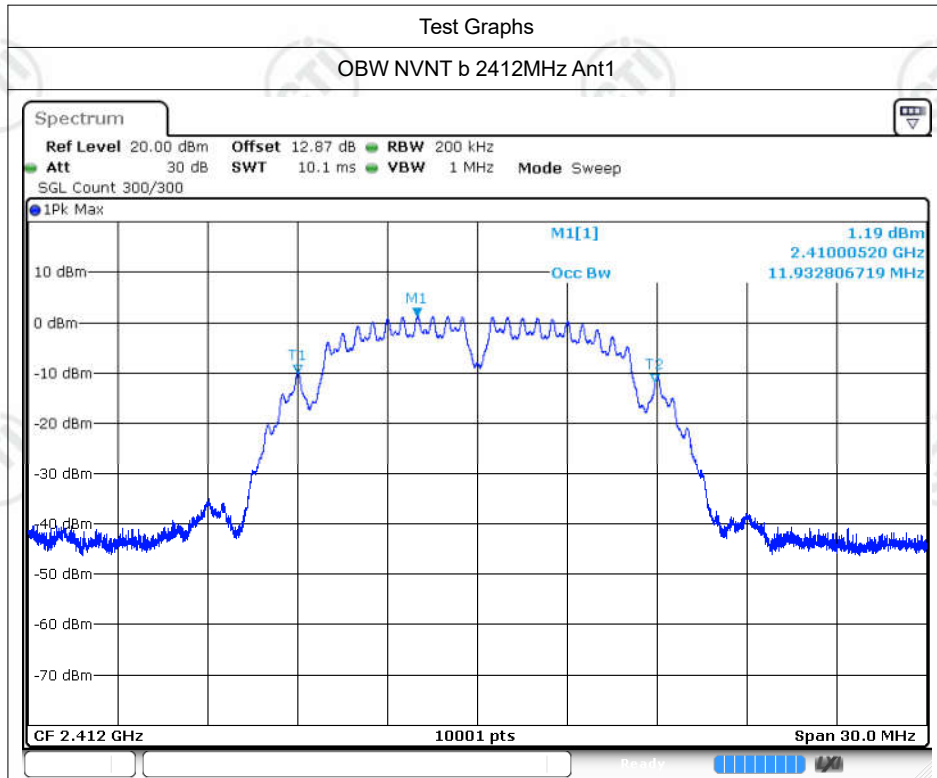




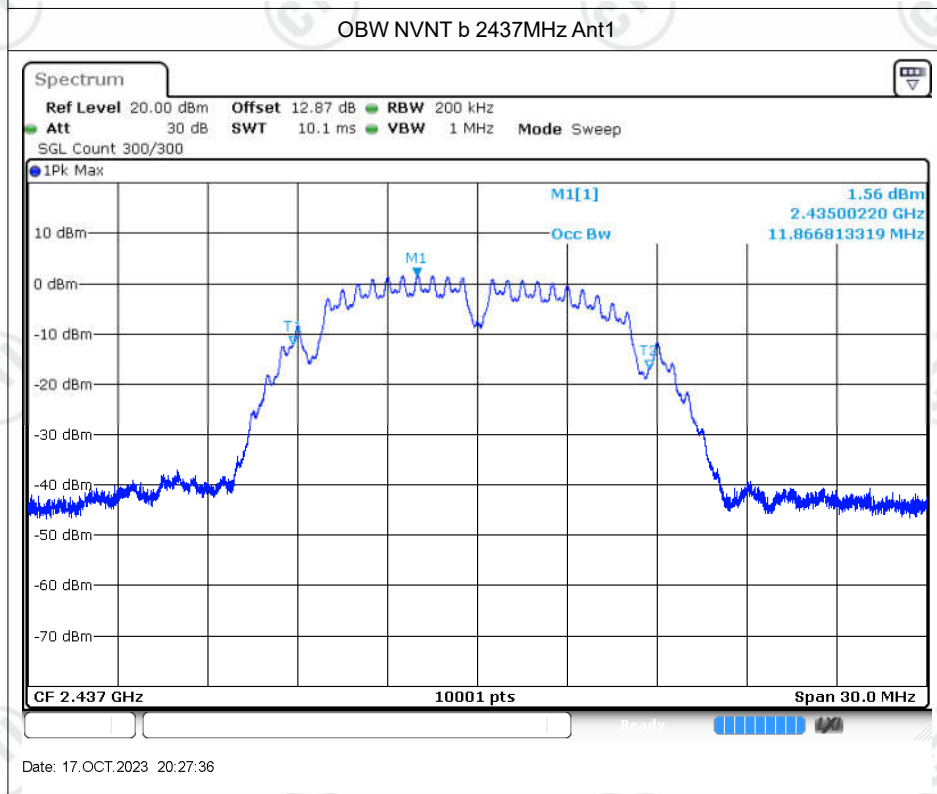


## Occupied Channel Bandwidth

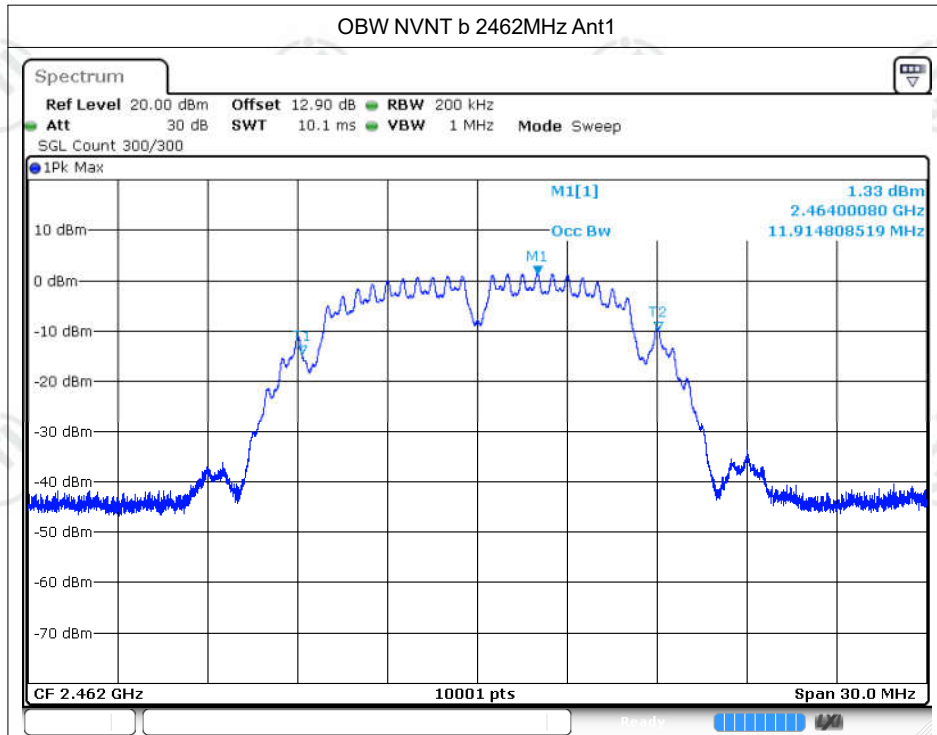
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	11.933
NVNT	b	2437	Ant1	11.867
NVNT	b	2462	Ant1	11.915
NVNT	g	2412	Ant1	16.528
NVNT	g	2437	Ant1	16.471
NVNT	g	2462	Ant1	16.564
NVNT	n20	2412	Ant1	17.587
NVNT	n20	2437	Ant1	17.5
NVNT	n20	2462	Ant1	17.626
NVNT	n40	2422	Ant1	35.702
NVNT	n40	2437	Ant1	35.864
NVNT	n40	2452	Ant1	36.584



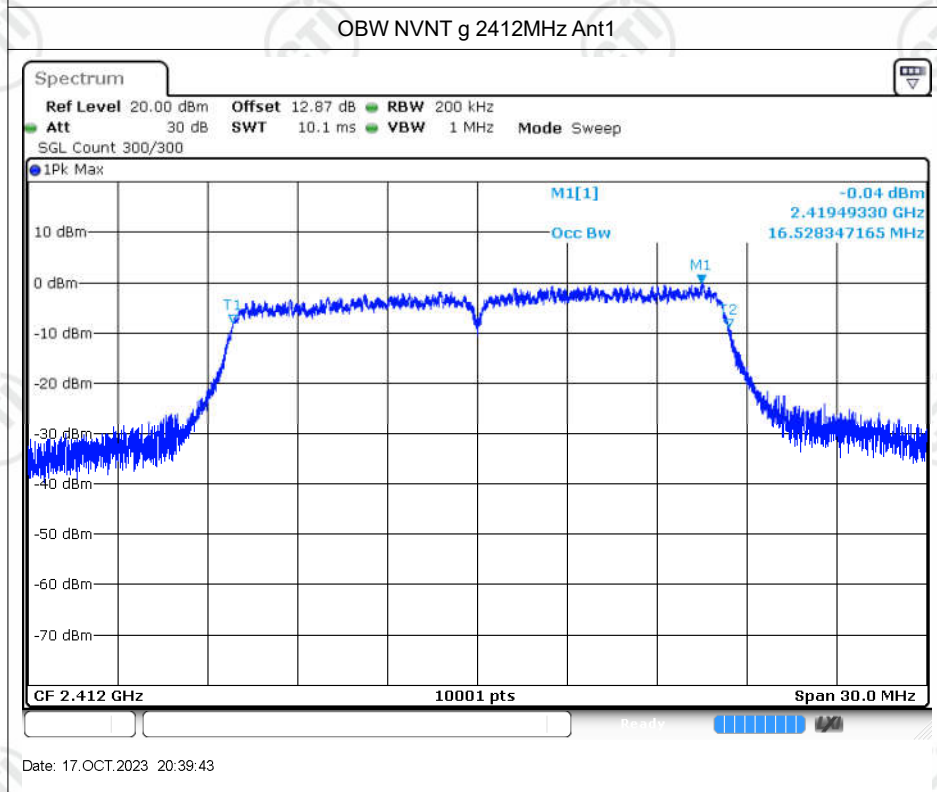
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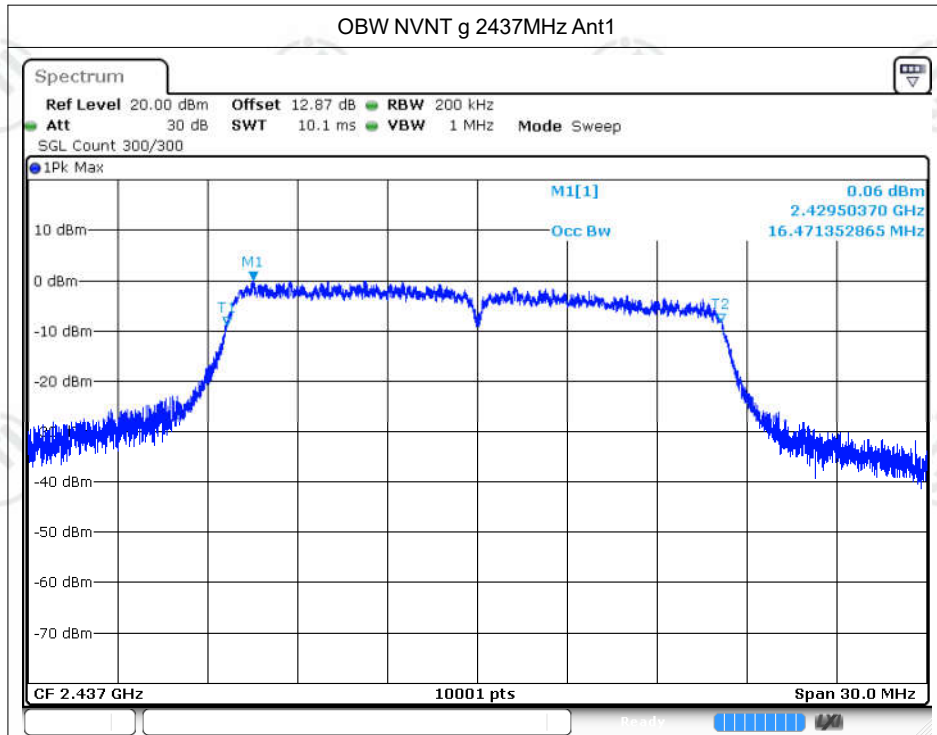
Date: 17.OCT.2023 20:27:36



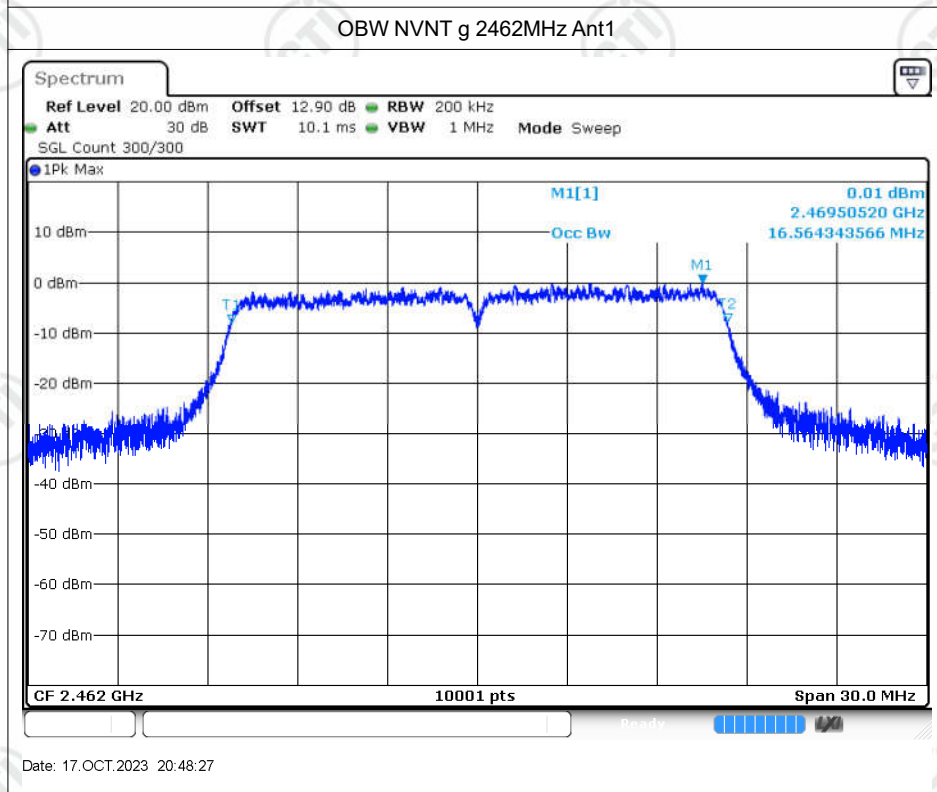
Date: 17.OCT.2023 20:30:38



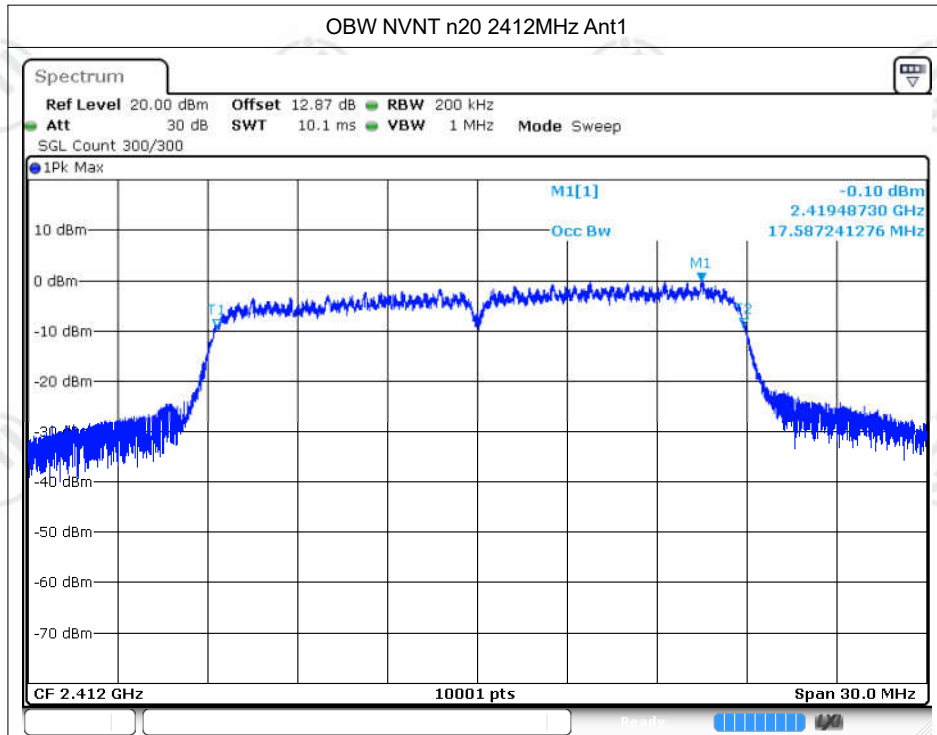
Date: 17.OCT.2023 20:39:43



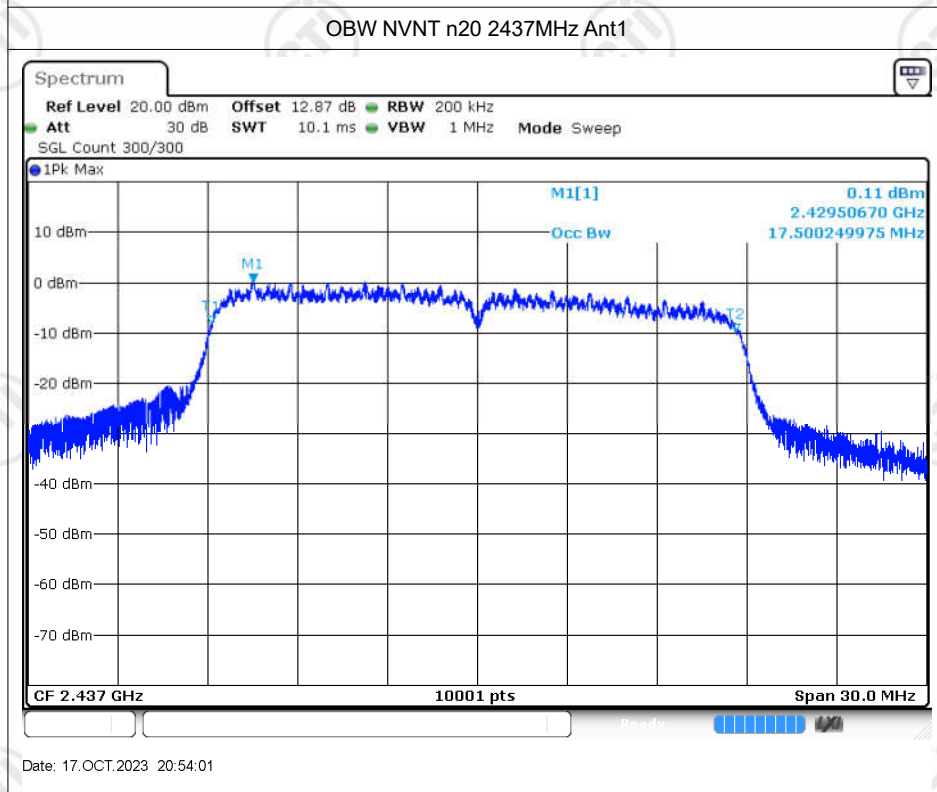
Date: 17.OCT.2023 20:44:56



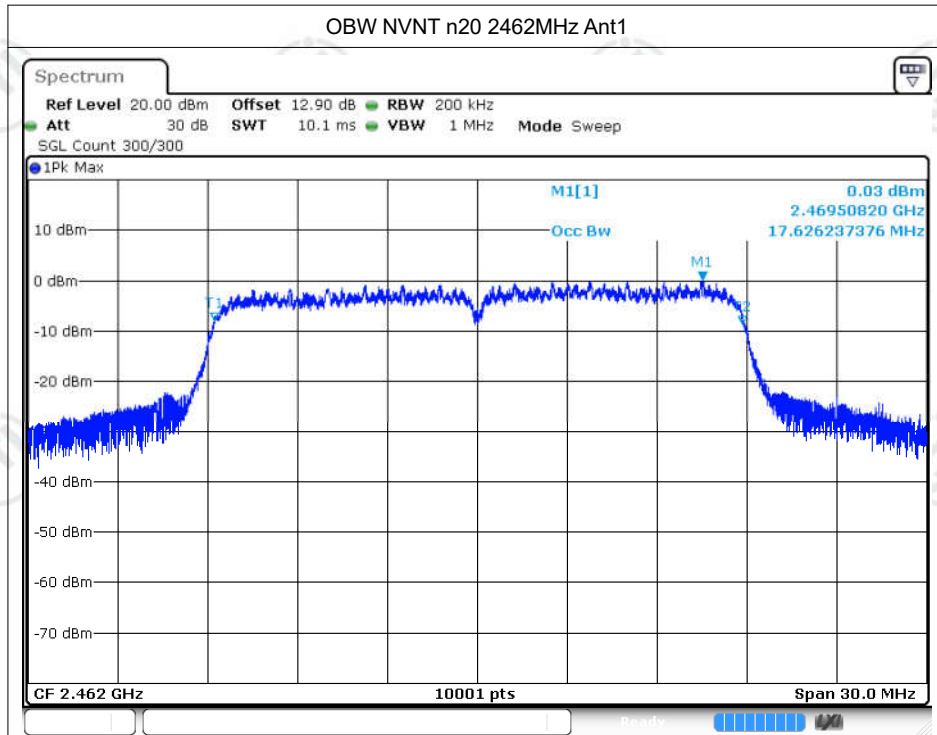
Date: 17.OCT.2023 20:48:27



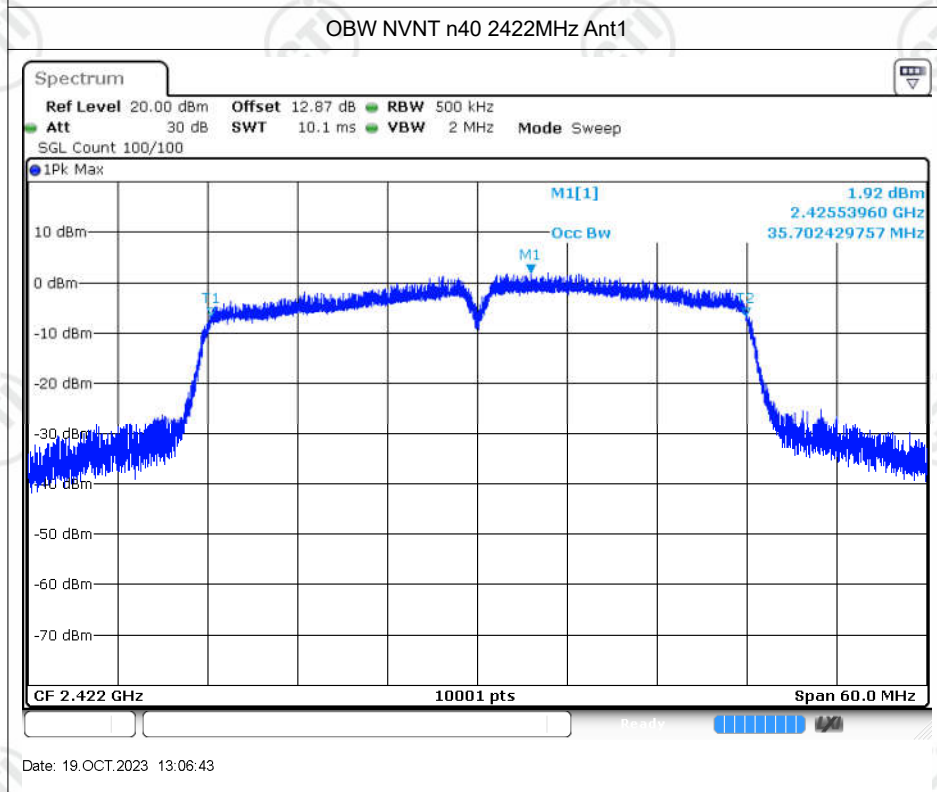
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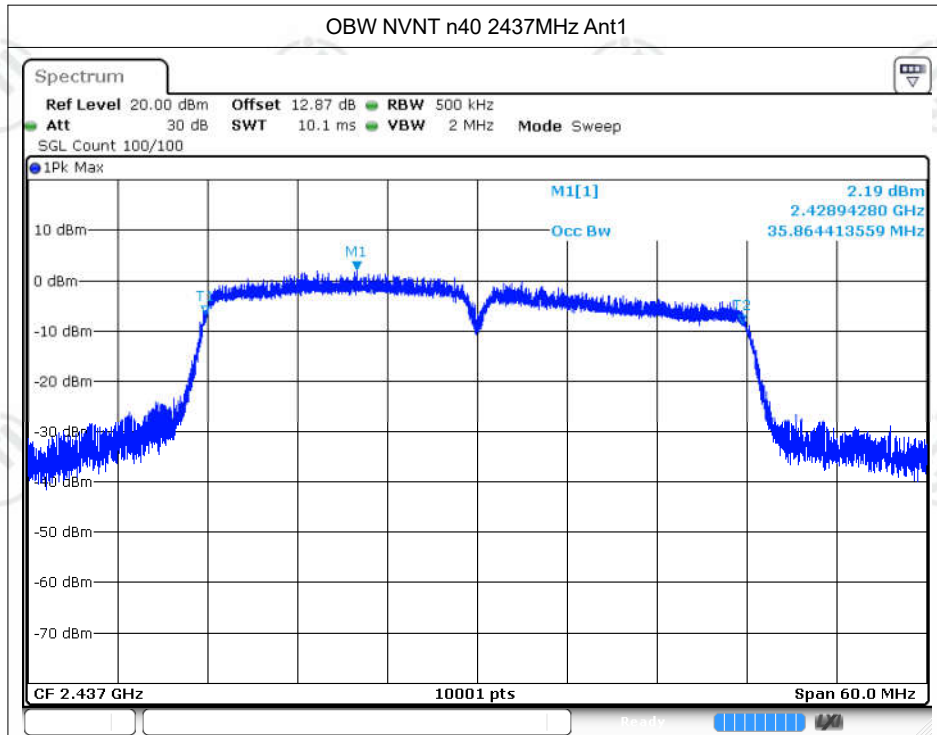
Date: 17.OCT.2023 20:54:01



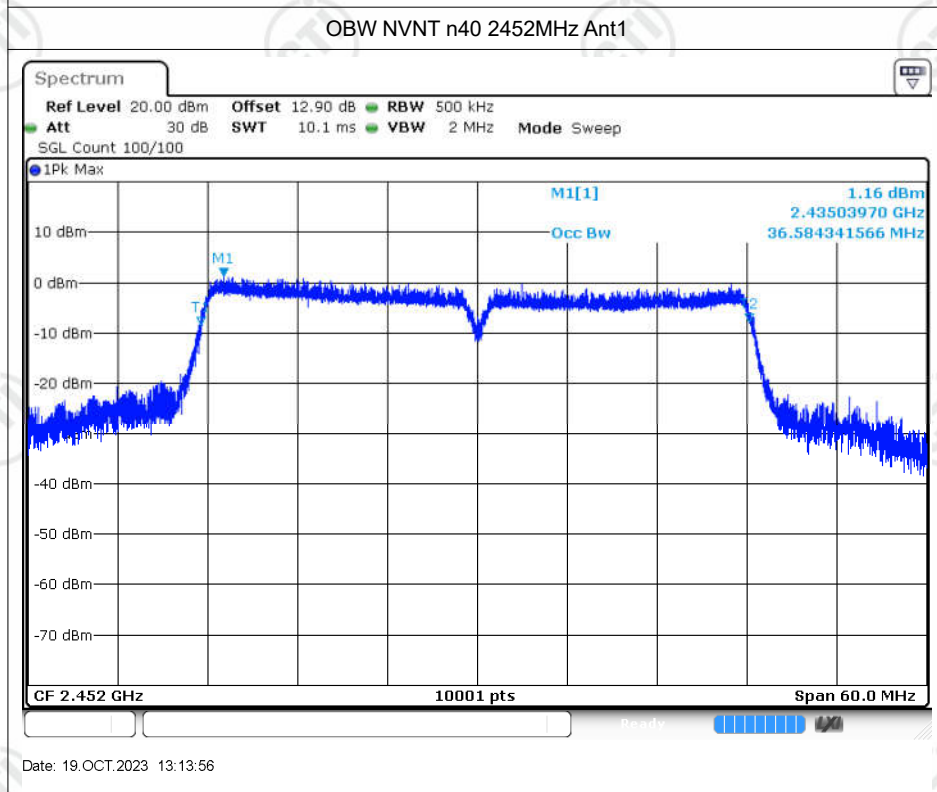
Date: 17.OCT.2023 20:56:00



Date: 19.OCT.2023 13:06:43



Date: 19.OCT.2023 13:10:53

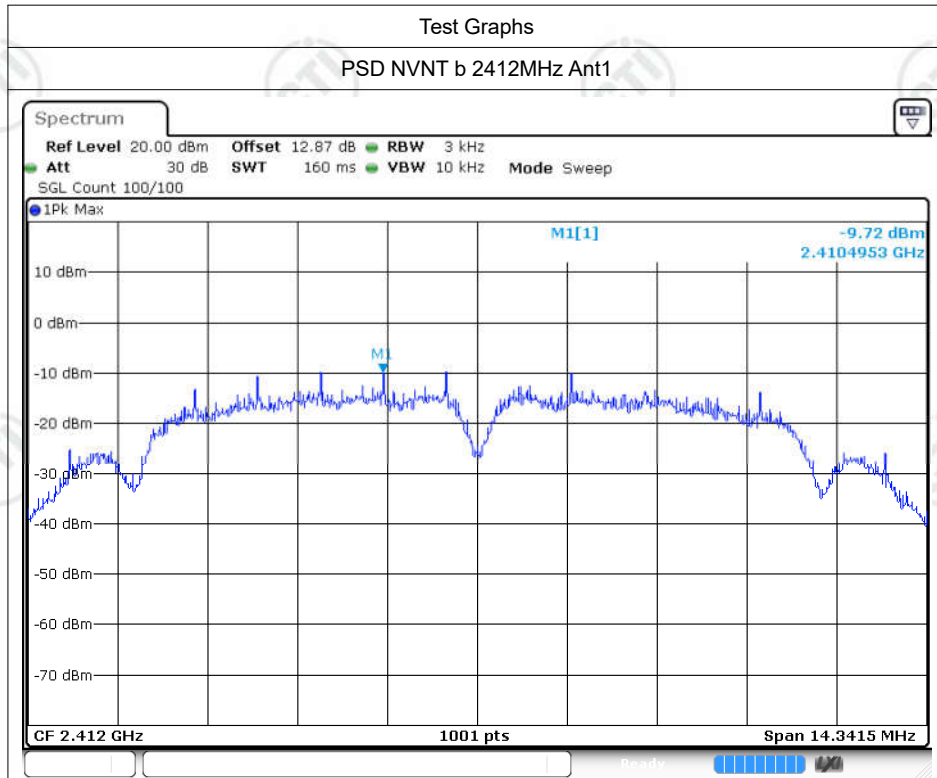


Date: 19.OCT.2023 13:13:56

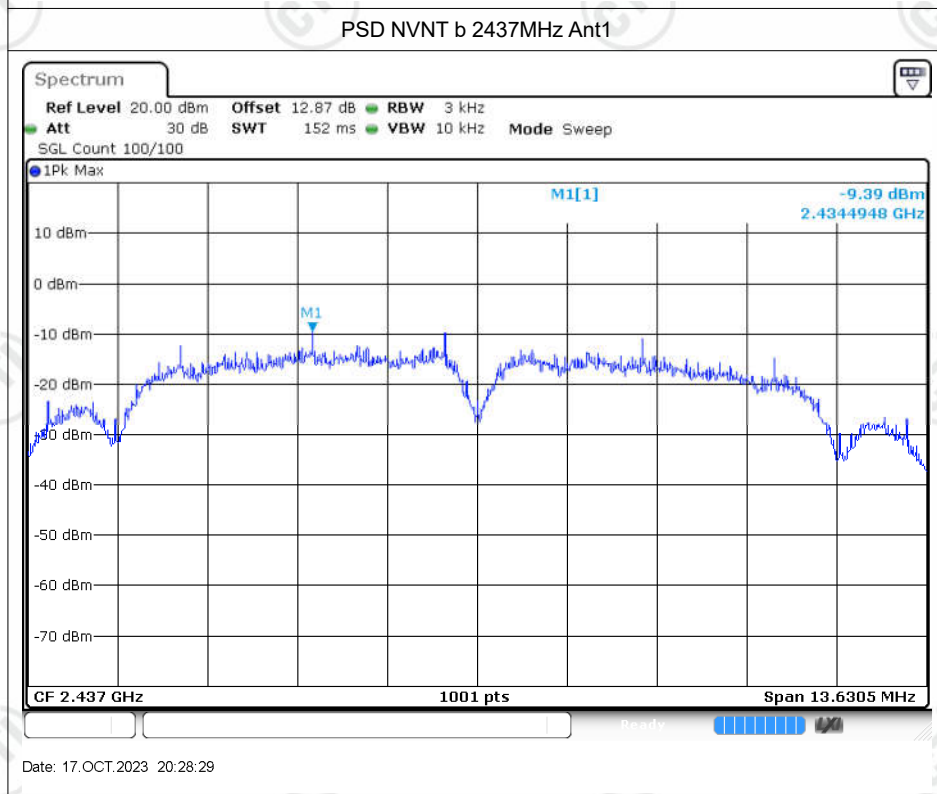


### Maximum Power Spectral Density Level

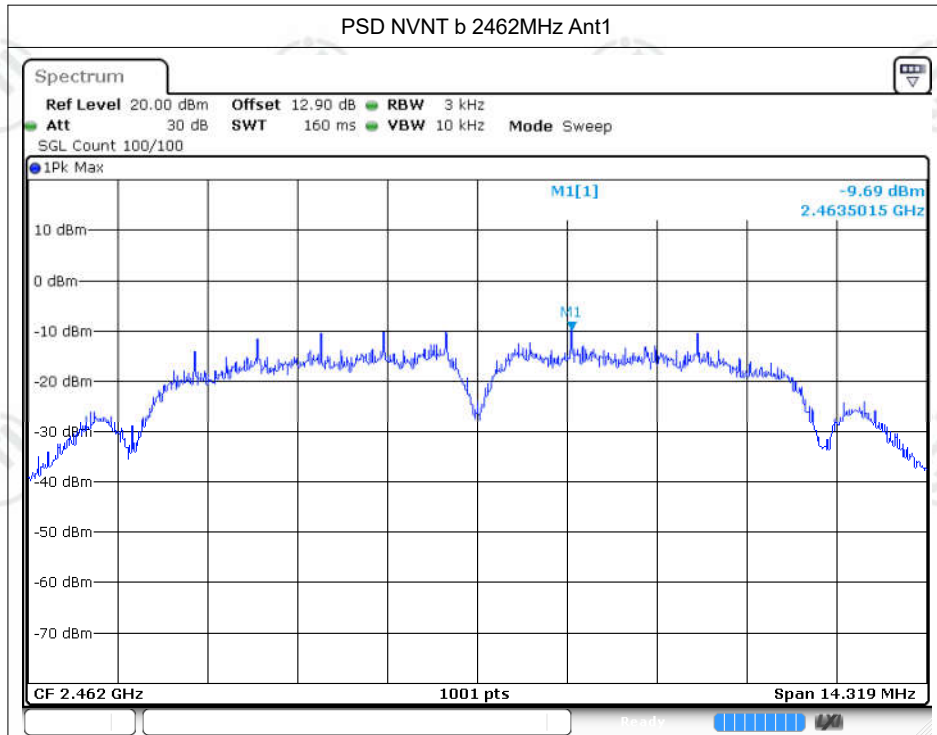
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-9.72	0	-9.72	8	Pass
NVNT	b	2437	Ant1	-9.39	0	-9.39	8	Pass
NVNT	b	2462	Ant1	-9.69	0	-9.69	8	Pass
NVNT	g	2412	Ant1	-15.89	0	-15.89	8	Pass
NVNT	g	2437	Ant1	-13.81	0	-13.81	8	Pass
NVNT	g	2462	Ant1	-14.64	0	-14.64	8	Pass
NVNT	n20	2412	Ant1	-15.34	0	-15.34	8	Pass
NVNT	n20	2437	Ant1	-15.54	0	-15.54	8	Pass
NVNT	n20	2462	Ant1	-14.86	0	-14.86	8	Pass
NVNT	n40	2422	Ant1	-18.2	0	-18.2	8	Pass
NVNT	n40	2437	Ant1	-18.86	0	-18.86	8	Pass
NVNT	n40	2452	Ant1	-19.18	0	-19.18	8	Pass



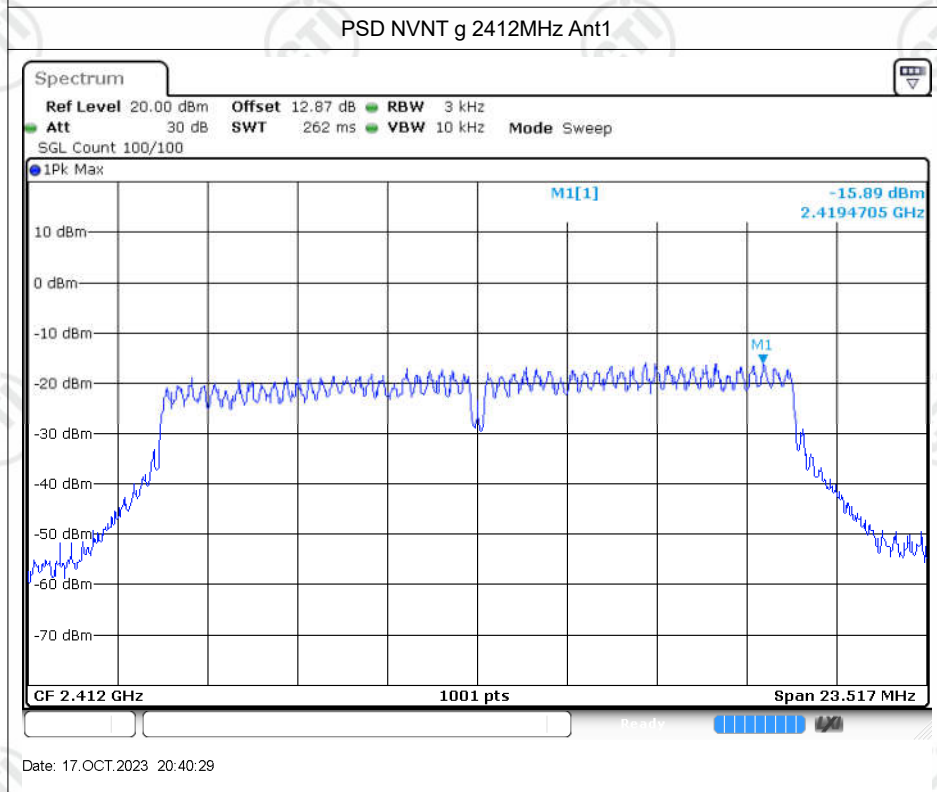
Date: 17.OCT.2023 20:24:18



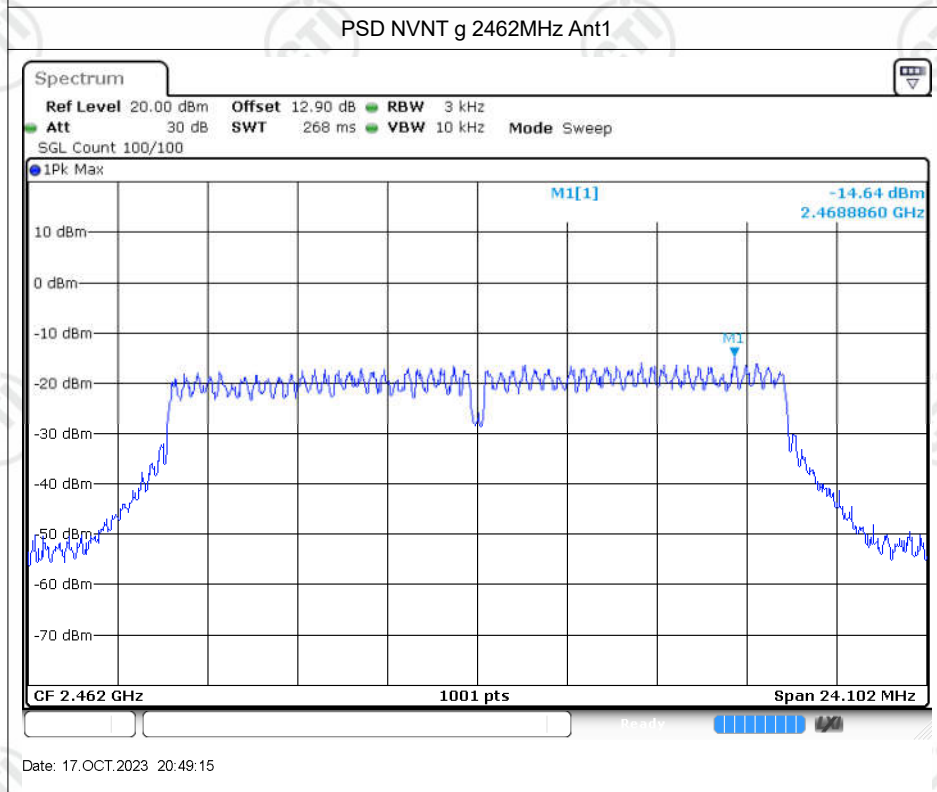
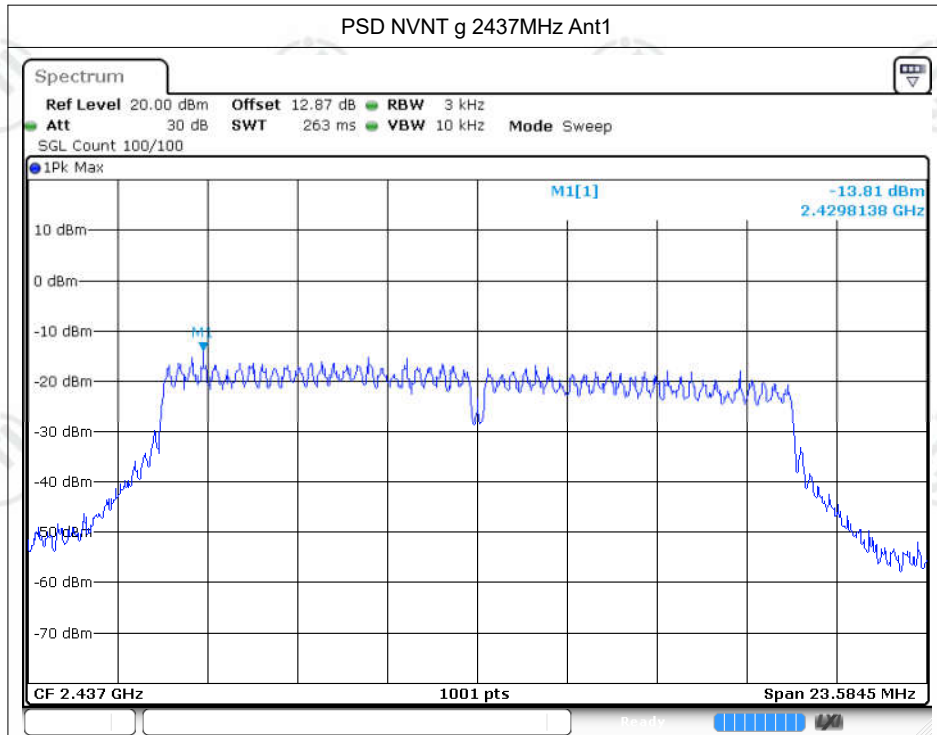
Date: 17.OCT.2023 20:28:29

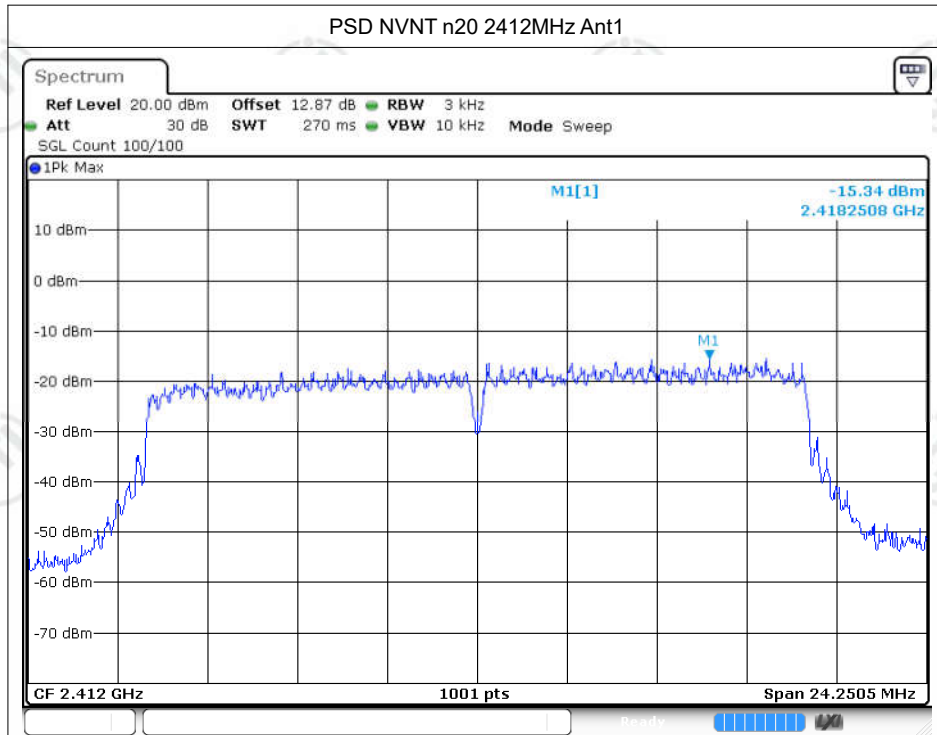


Date: 17.OCT.2023 20:31:13

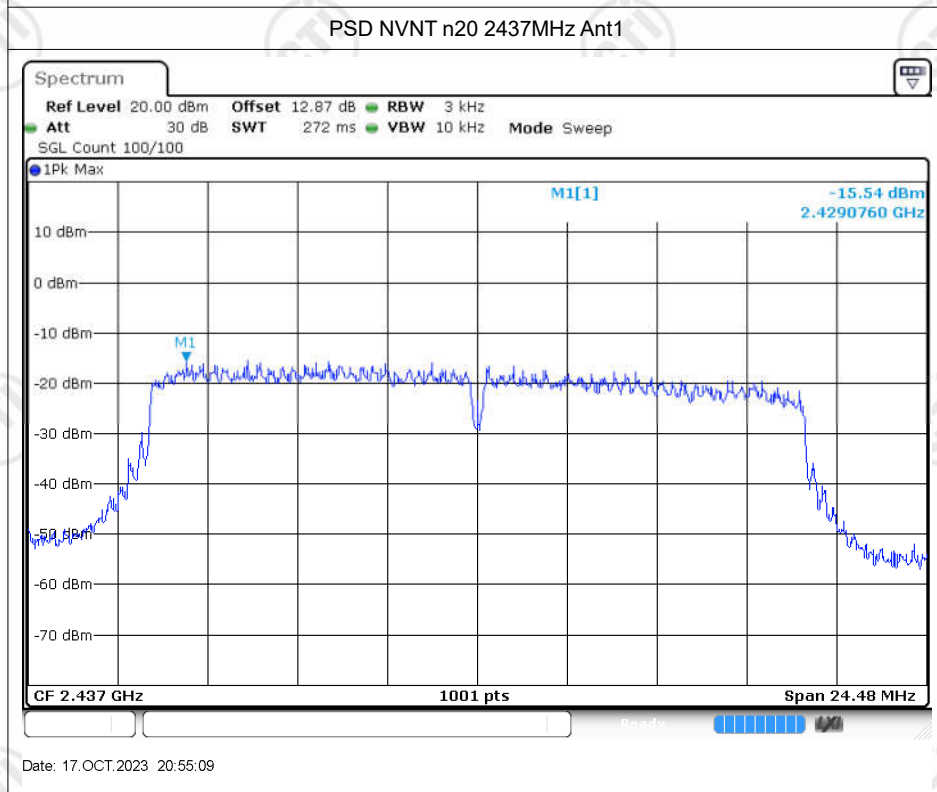


Date: 17.OCT.2023 20:40:29

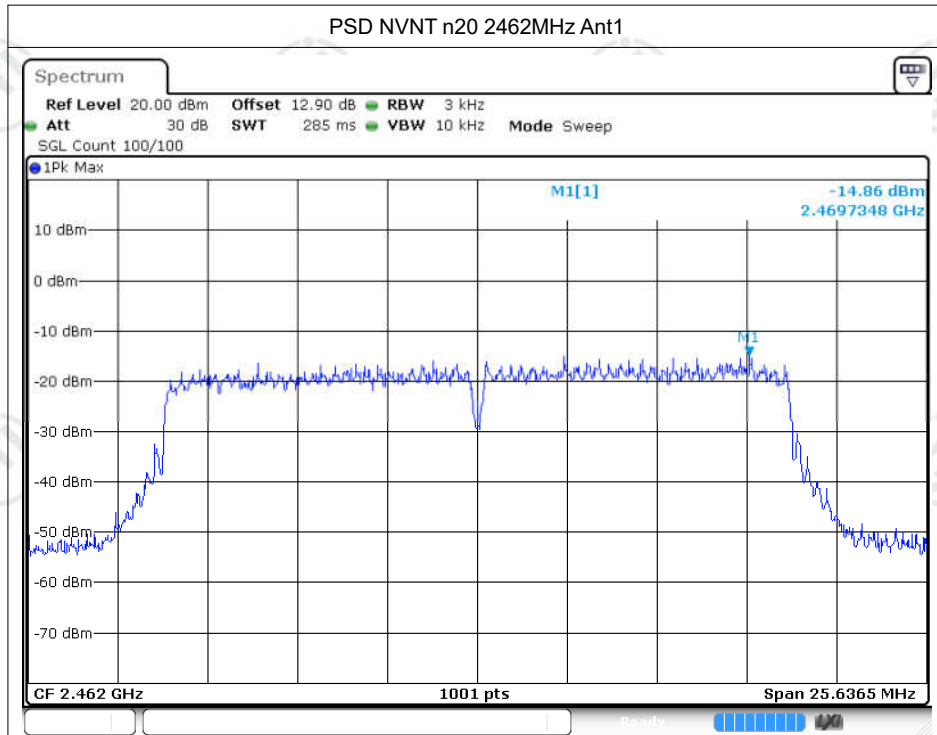




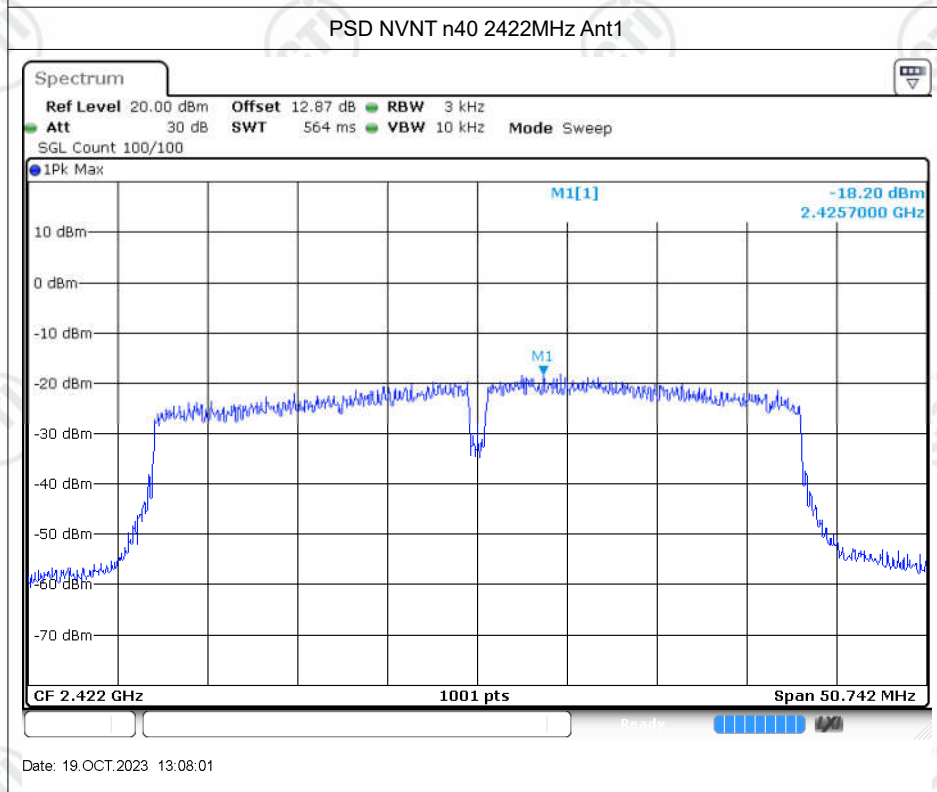
Date: 17.OCT.2023 20:51:05



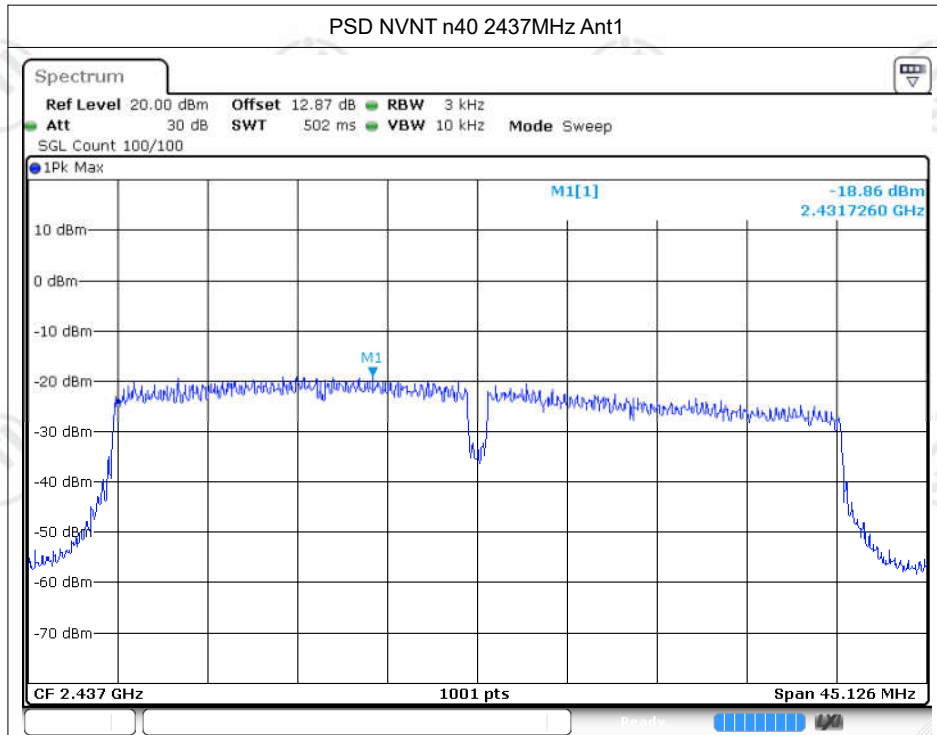
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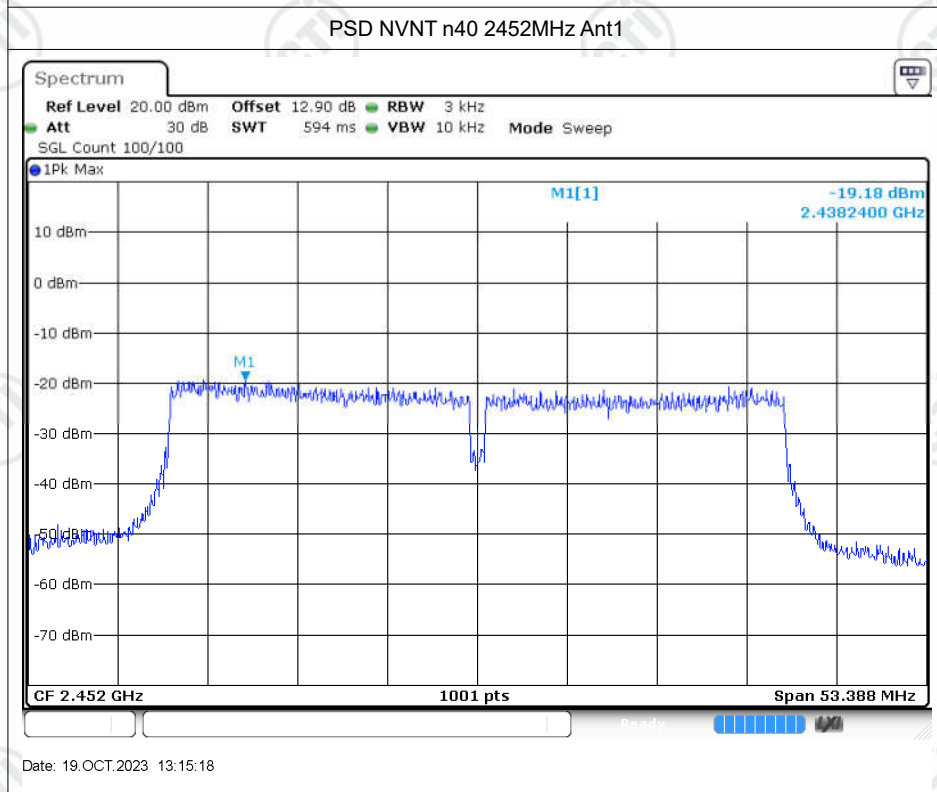
Date: 17.OCT.2023 20:56:51



Date: 19.OCT.2023 13:08:01



Date: 19.OCT.2023 13:12:03

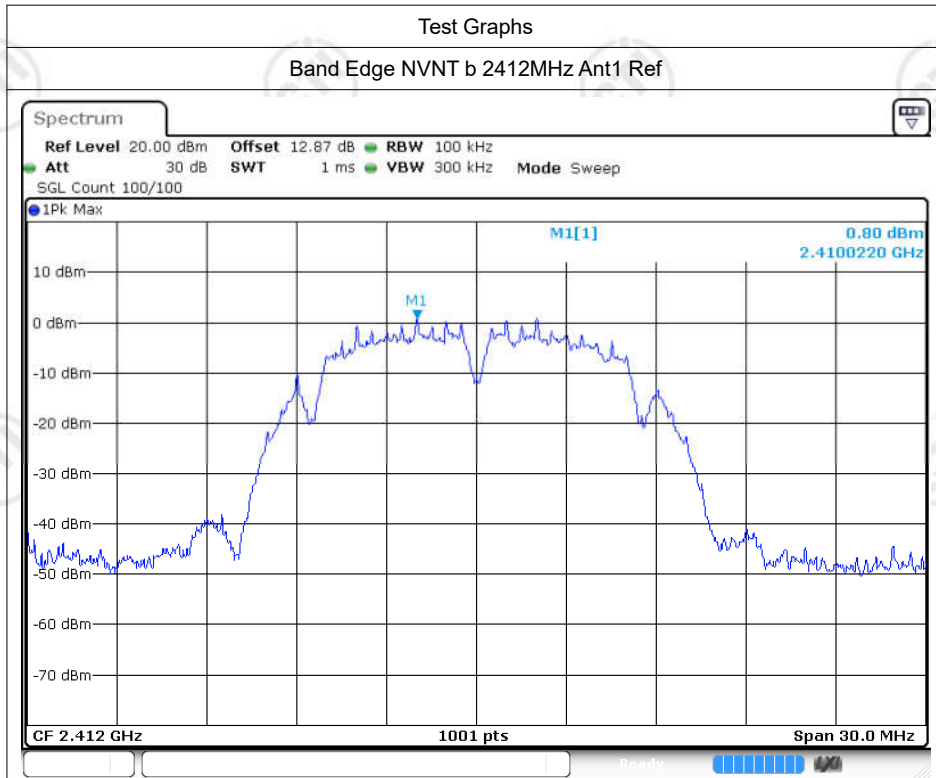


Date: 19.OCT.2023 13:15:18

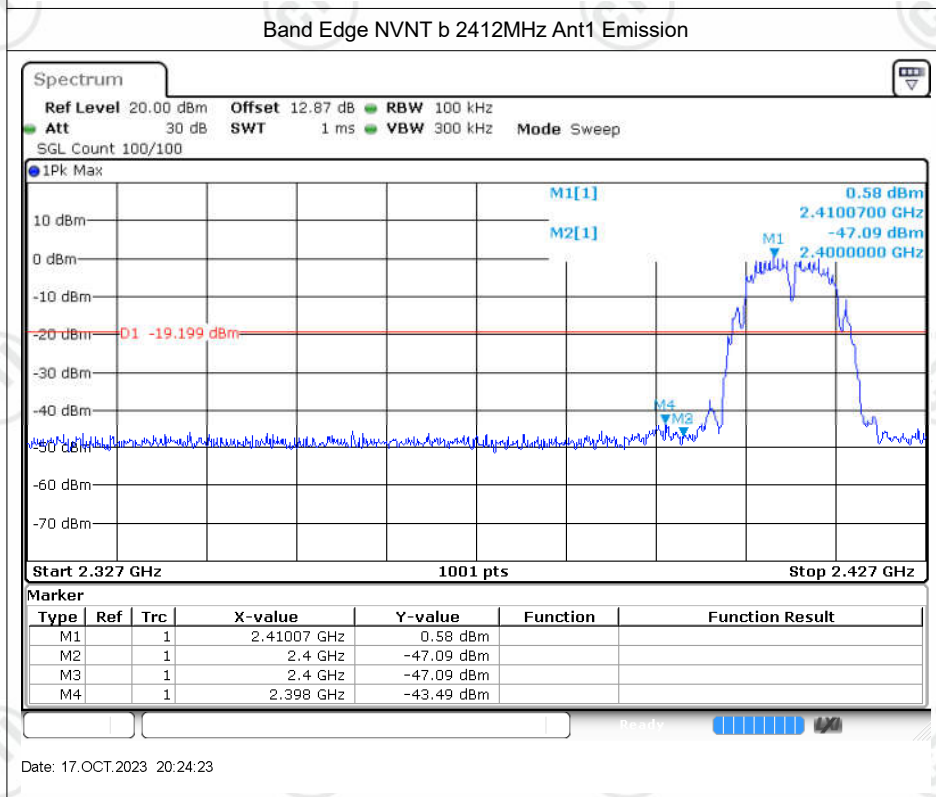
**Band Edge**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-44.28	-20	Pass
NVNT	b	2462	Ant1	-47.13	-20	Pass
NVNT	g	2412	Ant1	-32.03	-20	Pass
NVNT	g	2462	Ant1	-42.6	-20	Pass
NVNT	n20	2412	Ant1	-33.02	-20	Pass
NVNT	n20	2462	Ant1	-43.23	-20	Pass
NVNT	n40	2422	Ant1	-35.84	-20	Pass
NVNT	n40	2452	Ant1	-38.91	-20	Pass

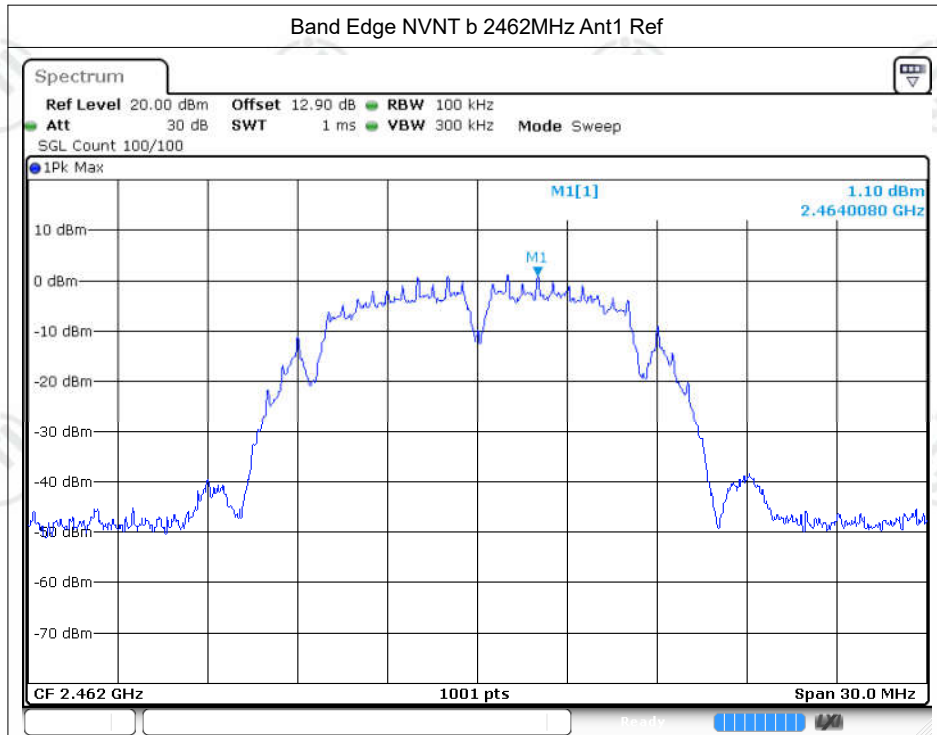




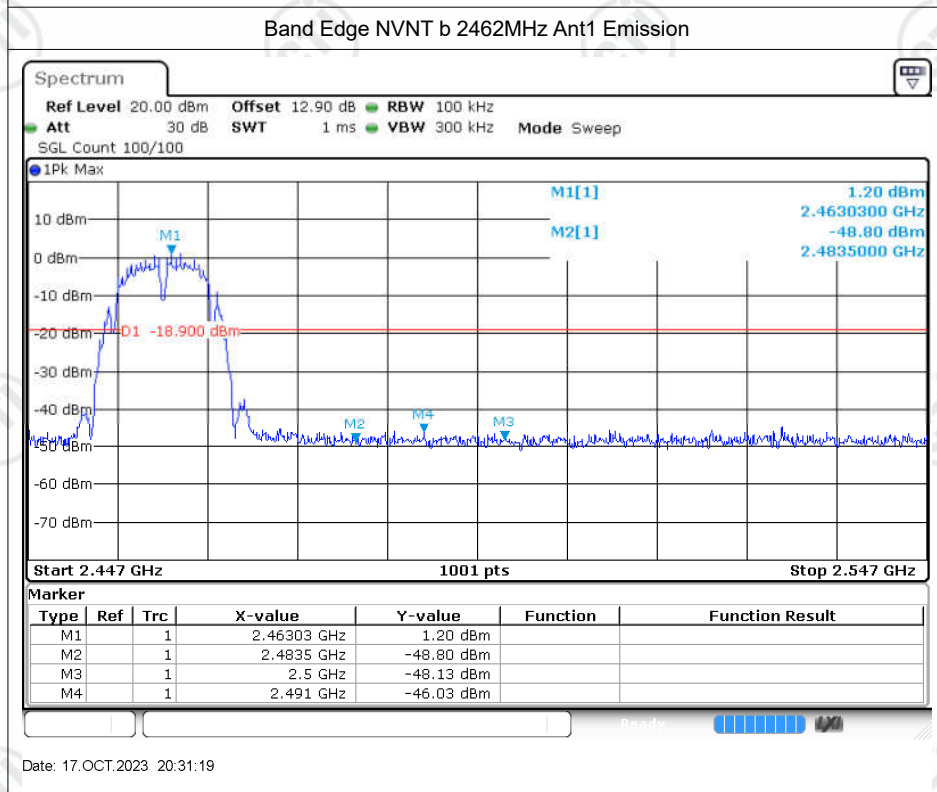
Date: 17.OCT.2023 20:24:21



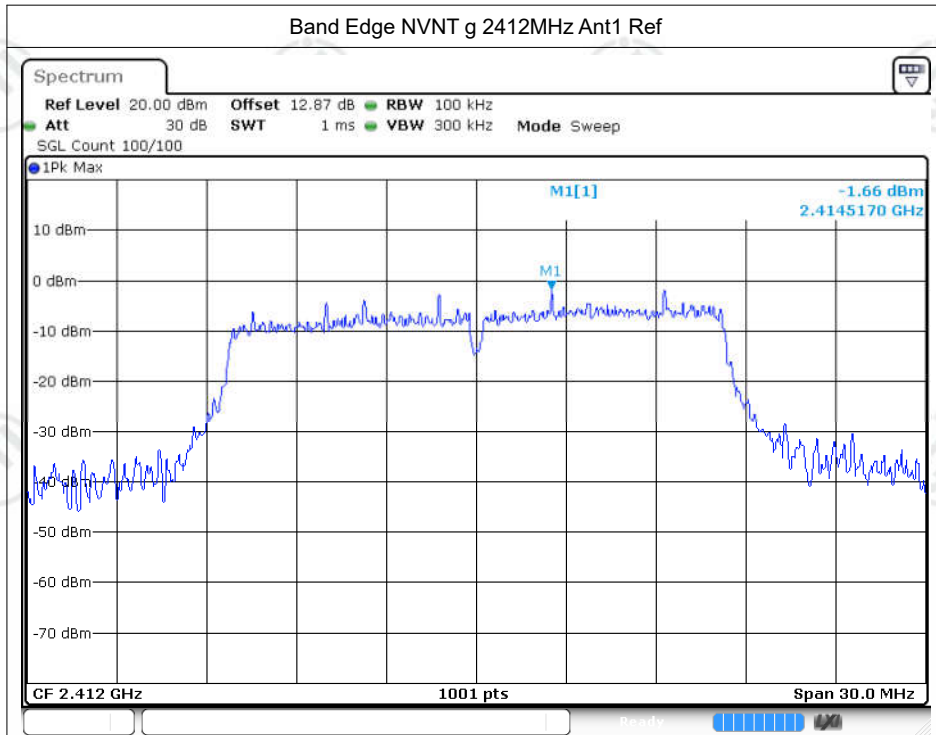
Date: 17.OCT.2023 20:24:23



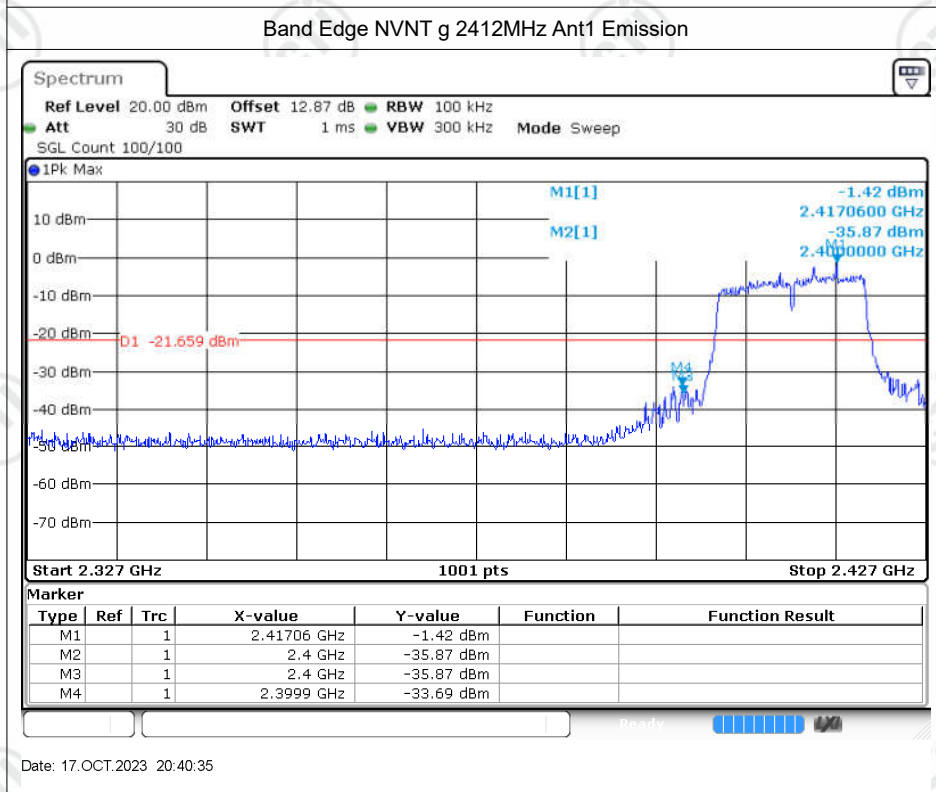
Date: 17.OCT.2023 20:31:17



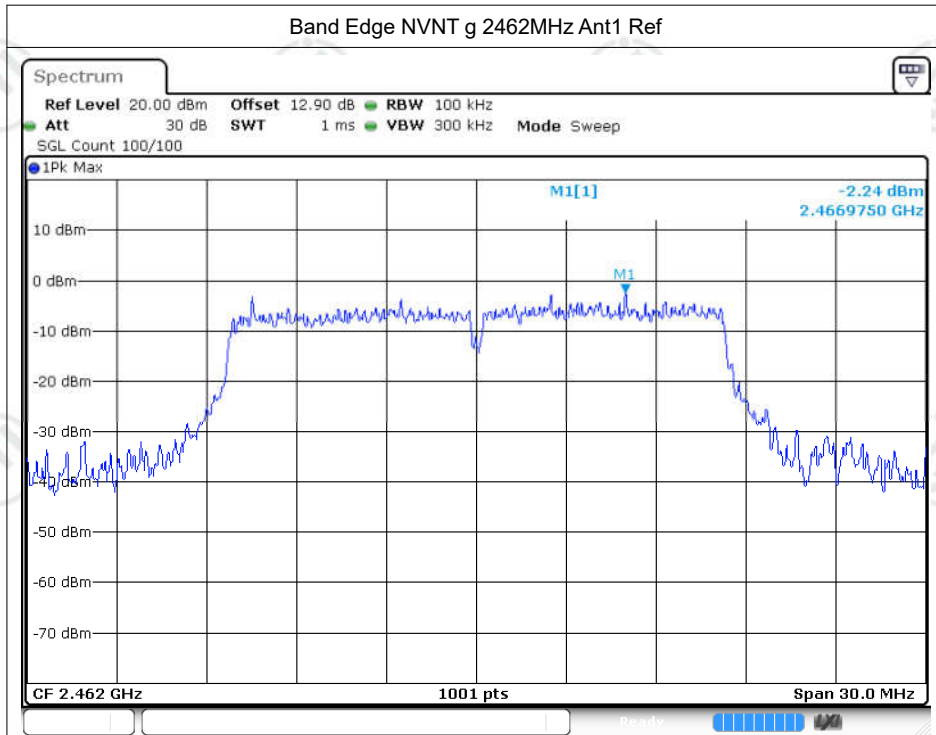
Date: 17.OCT.2023 20:31:19



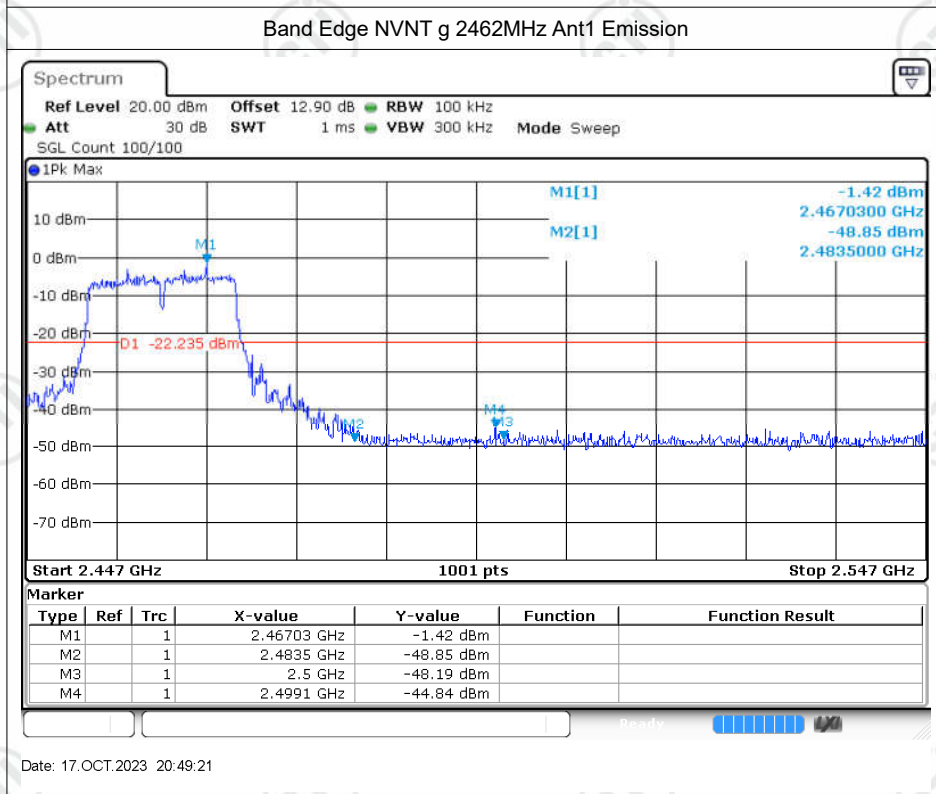
Date: 17.OCT.2023 20:40:33



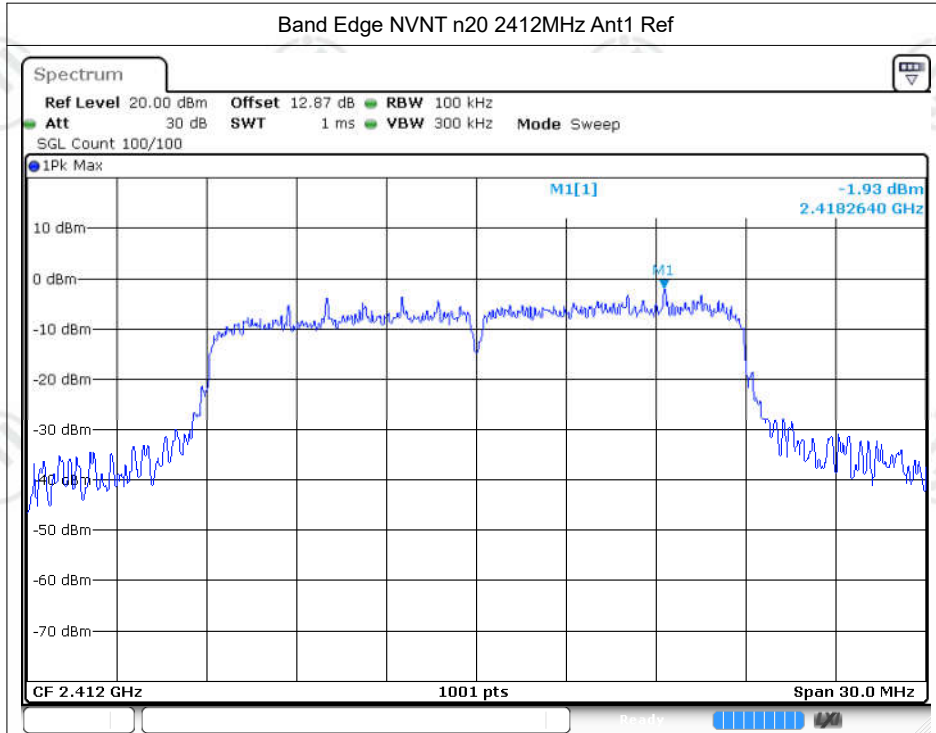
Date: 17.OCT.2023 20:40:35



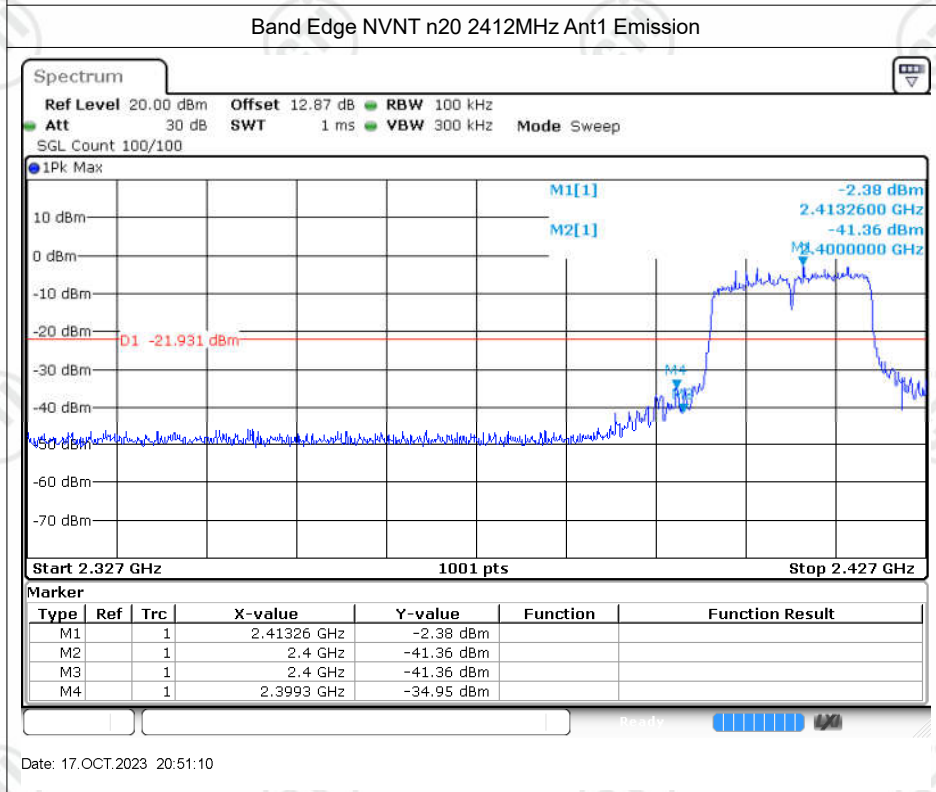
Date: 17.OCT.2023 20:49:19



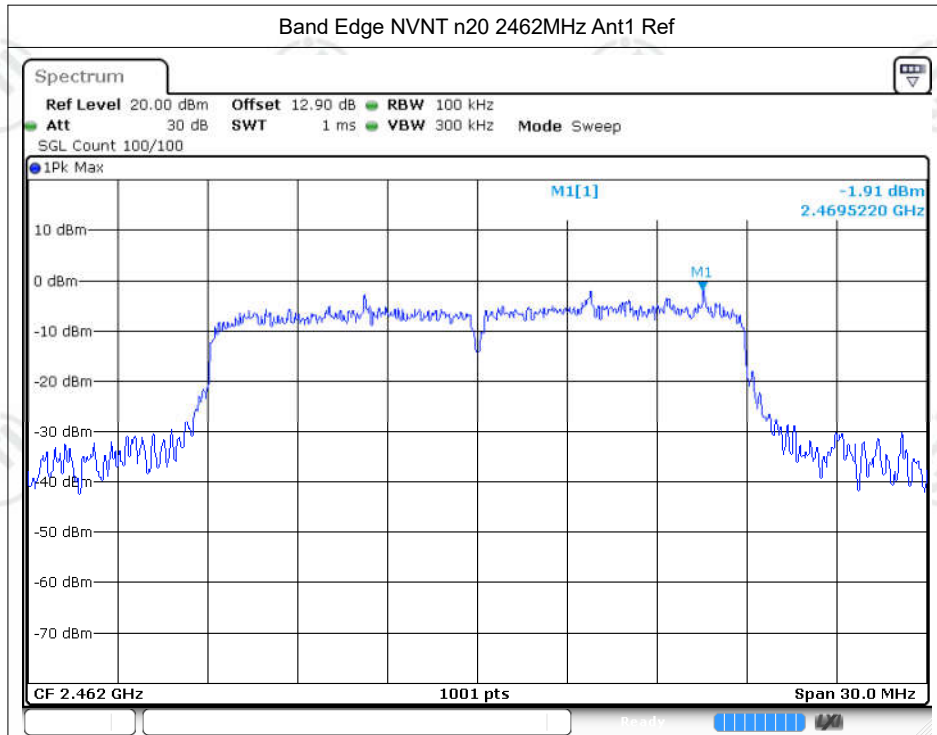
Date: 17.OCT.2023 20:49:21



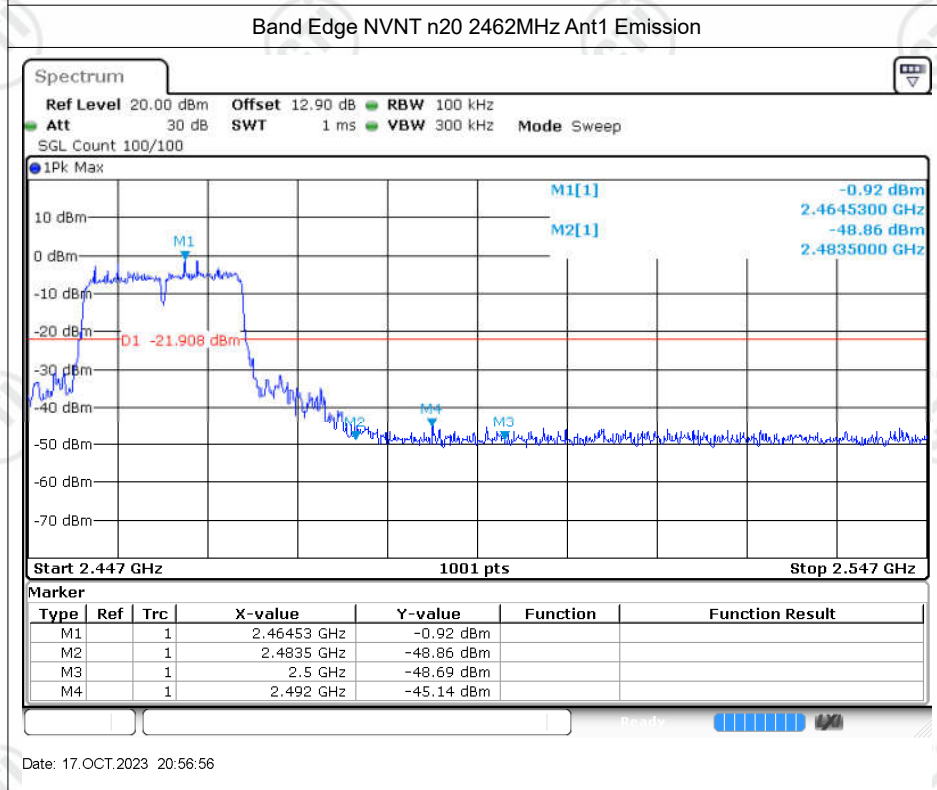
Date: 17.OCT.2023 20:51:08



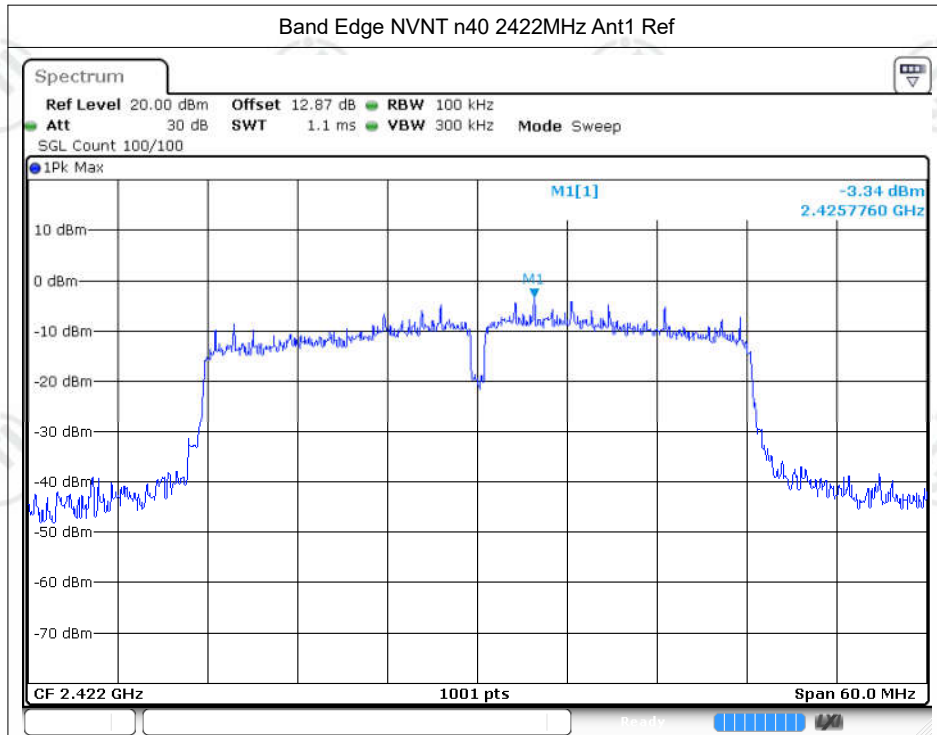
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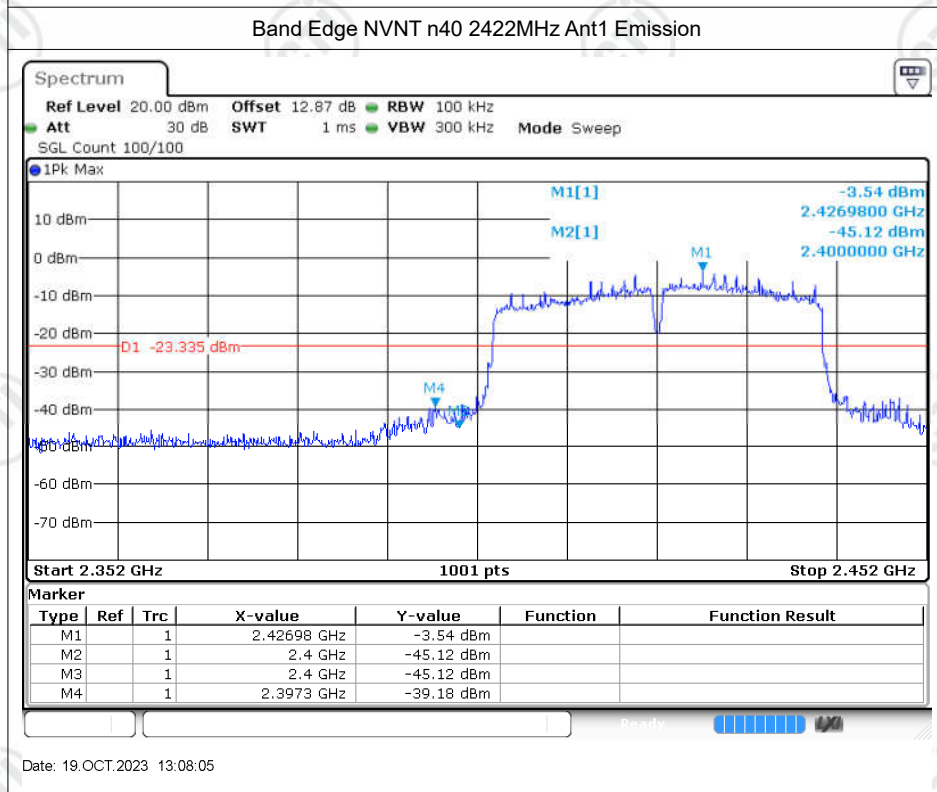
Date: 17.OCT.2023 20:56:55



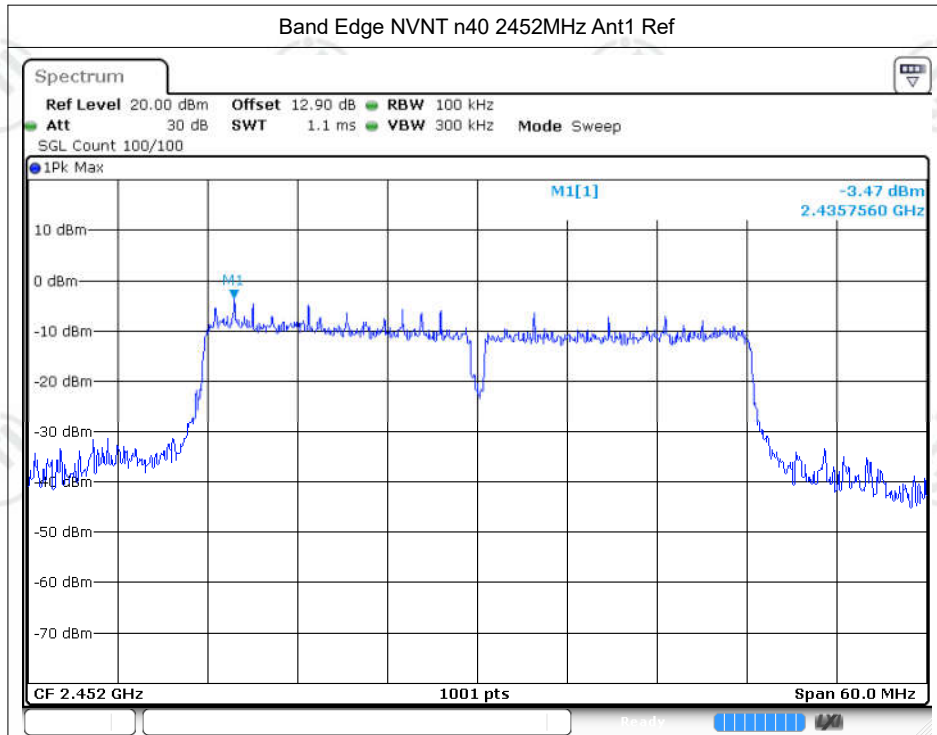
Date: 17.OCT.2023 20:56:56



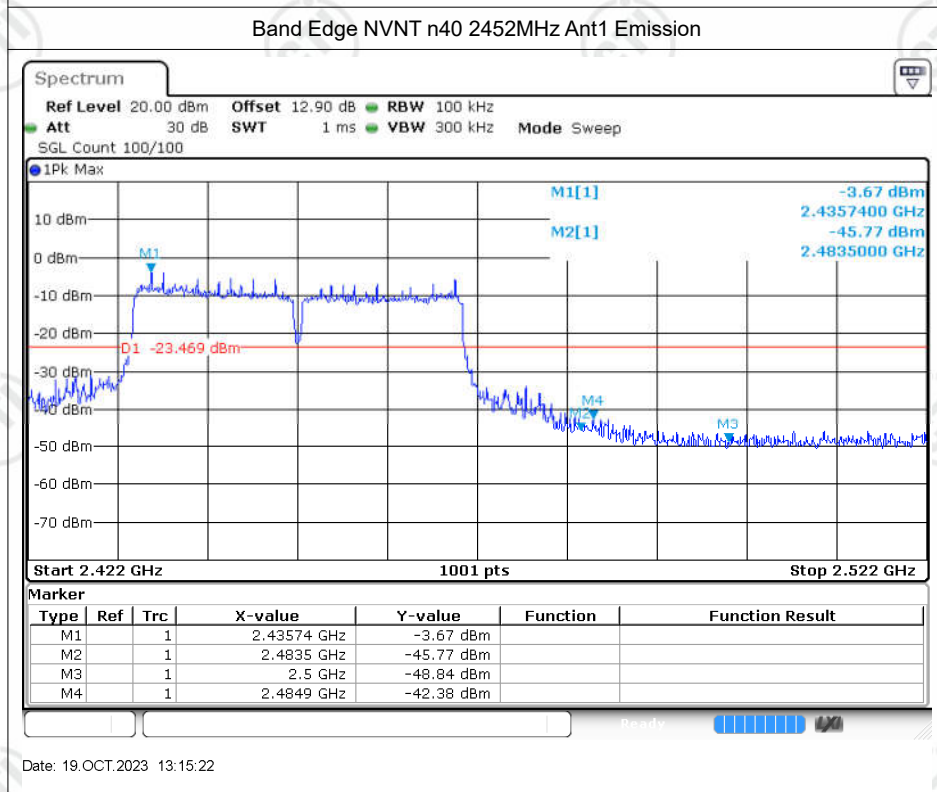
Date: 19.OCT.2023 13:08:04



Date: 19.OCT.2023 13:08:05



Date: 19.OCT.2023 13:15:20

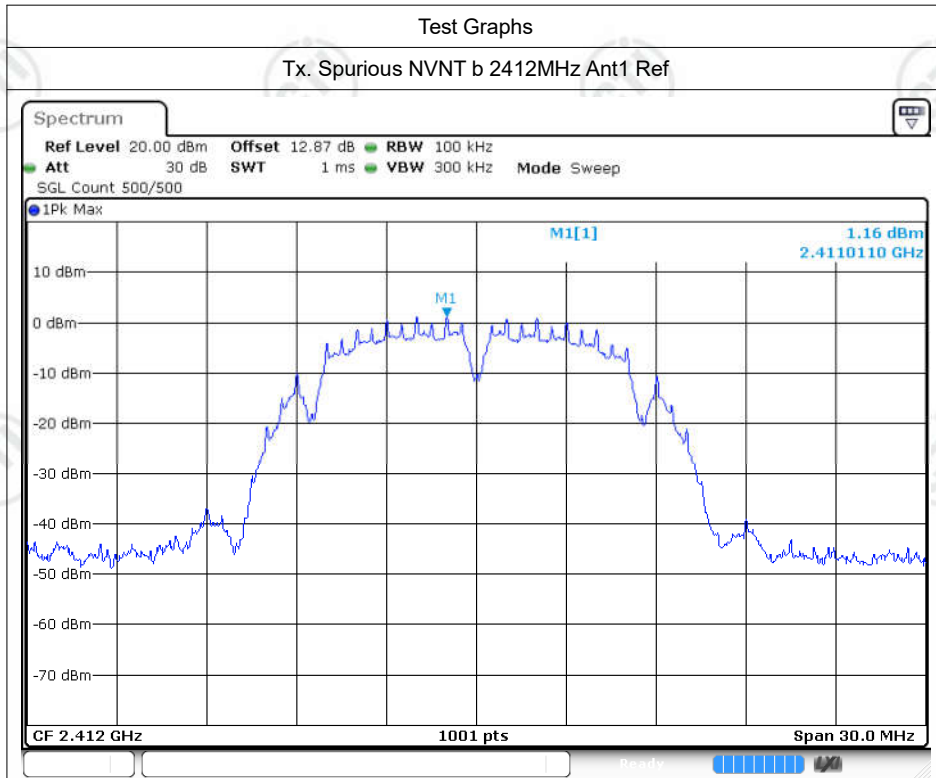


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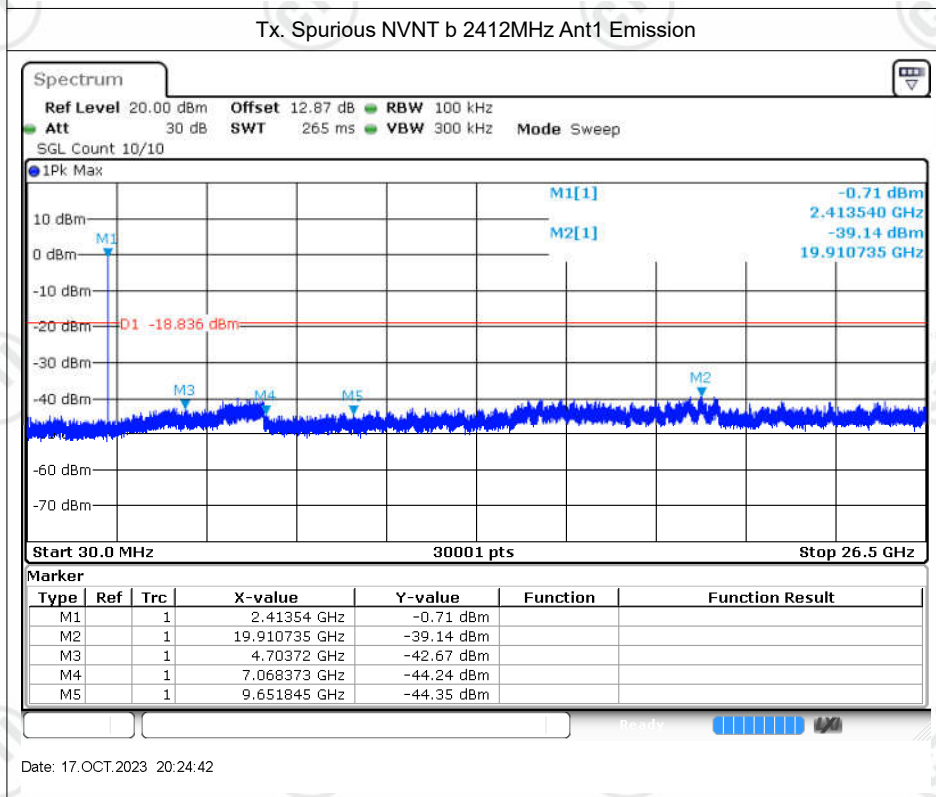


**Conducted RF Spurious Emission**

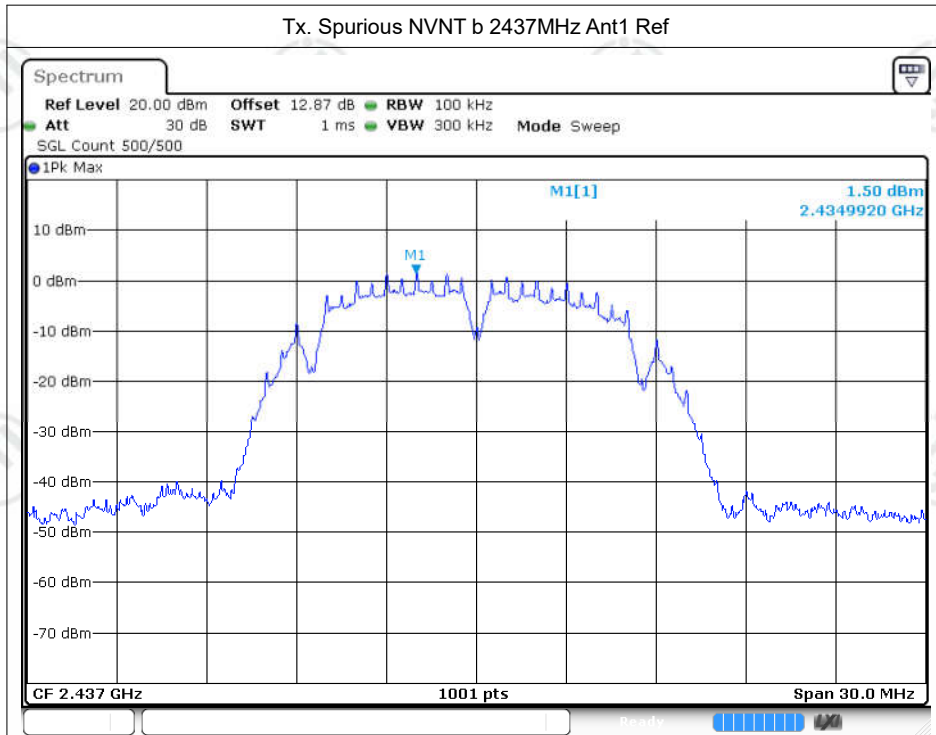
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-40.3	-20	Pass
NVNT	b	2437	Ant1	-39.47	-20	Pass
NVNT	b	2462	Ant1	-40.04	-20	Pass
NVNT	g	2412	Ant1	-36.69	-20	Pass
NVNT	g	2437	Ant1	-37.84	-20	Pass
NVNT	g	2462	Ant1	-38.08	-20	Pass
NVNT	n20	2412	Ant1	-37.93	-20	Pass
NVNT	n20	2437	Ant1	-37.88	-20	Pass
NVNT	n20	2462	Ant1	-37.93	-20	Pass
NVNT	n40	2422	Ant1	-35.88	-20	Pass
NVNT	n40	2437	Ant1	-35.46	-20	Pass
NVNT	n40	2452	Ant1	-35.82	-20	Pass



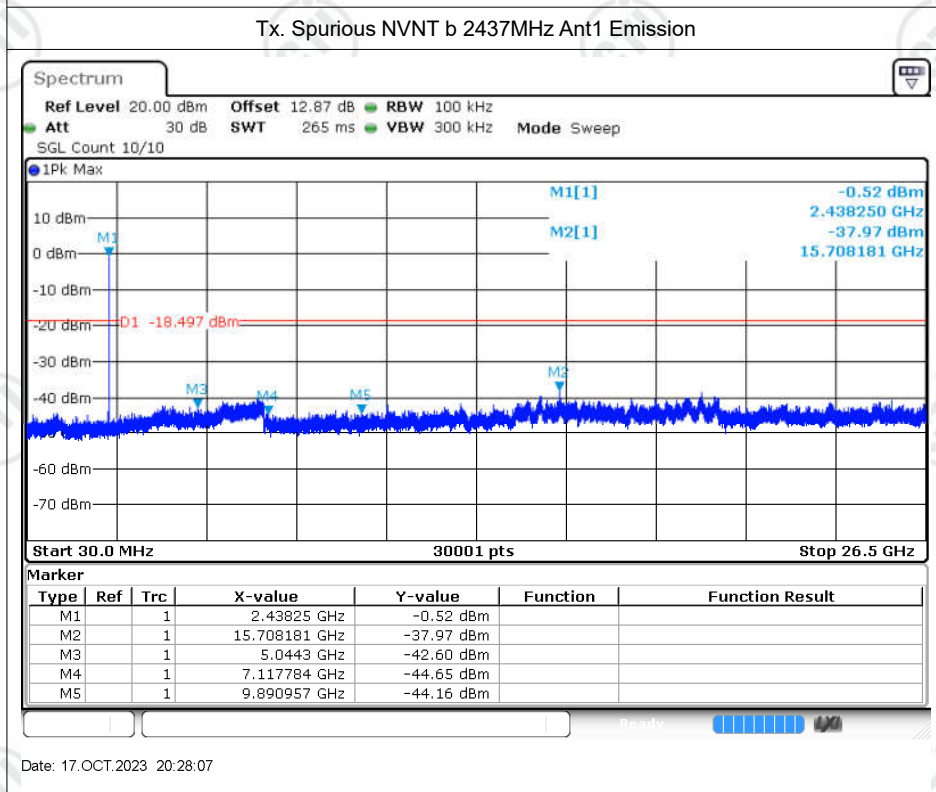
Date: 17.OCT.2023 20:24:31



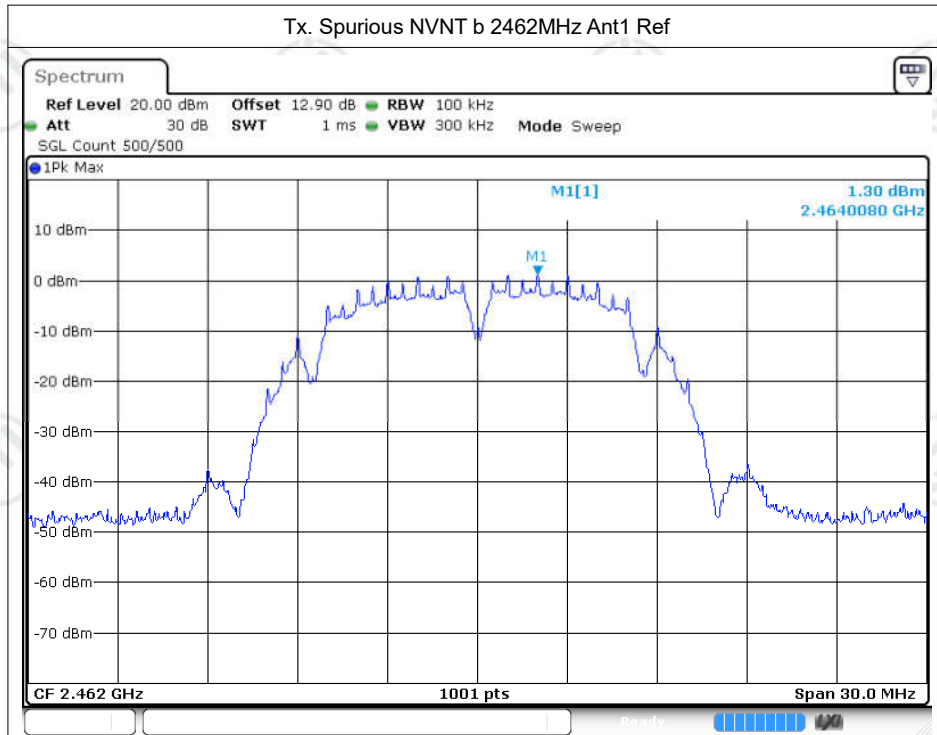
Date: 17.OCT.2023 20:24:42



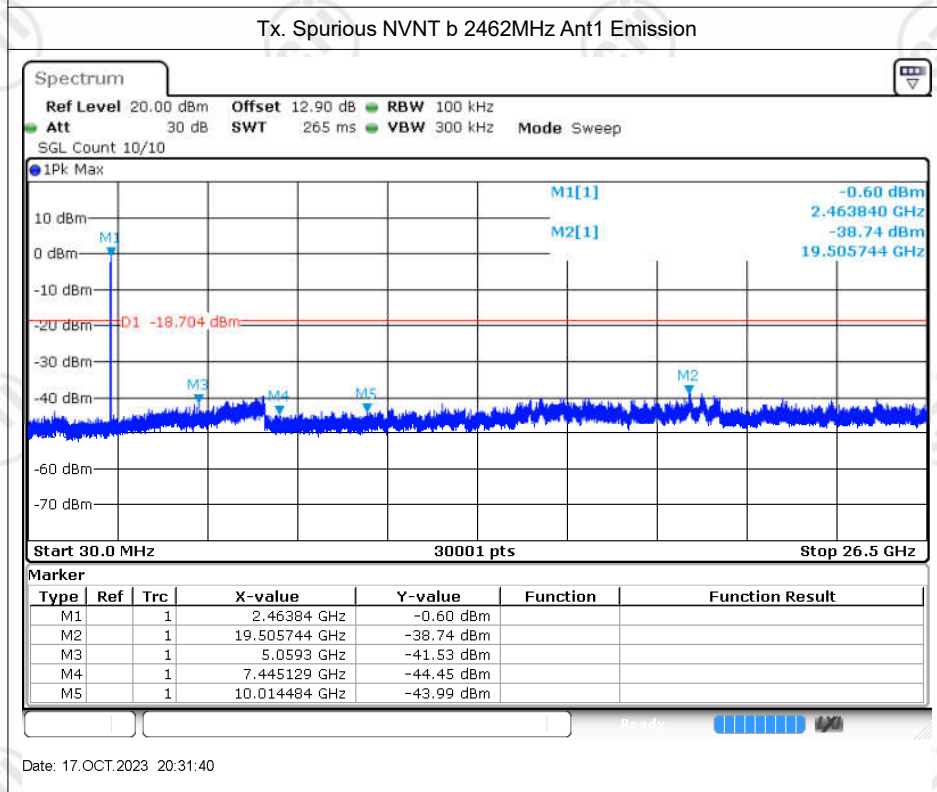
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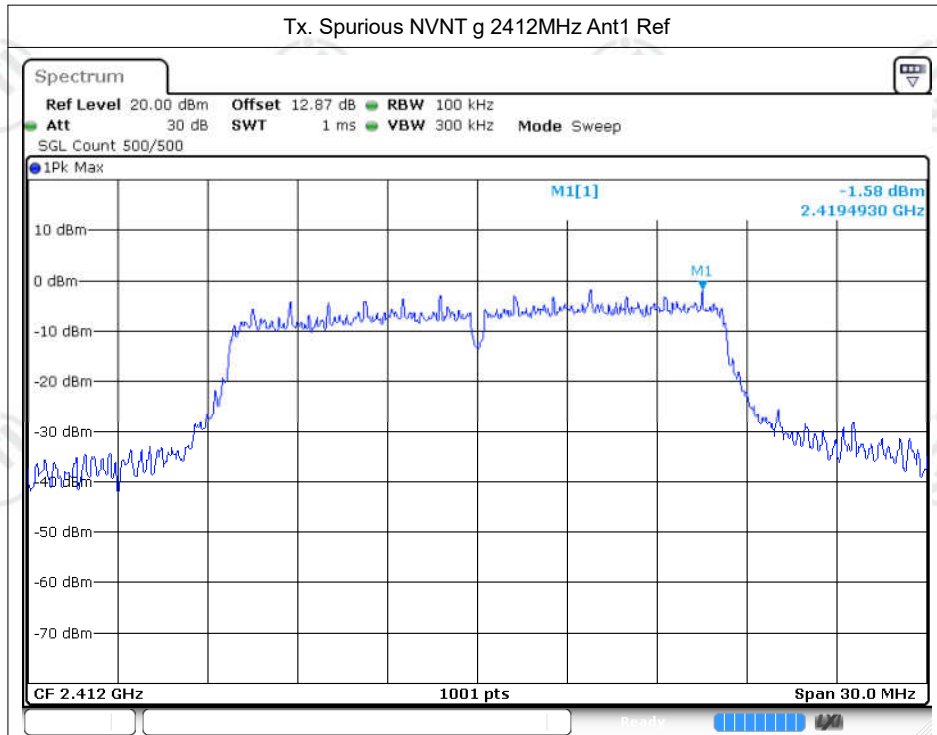
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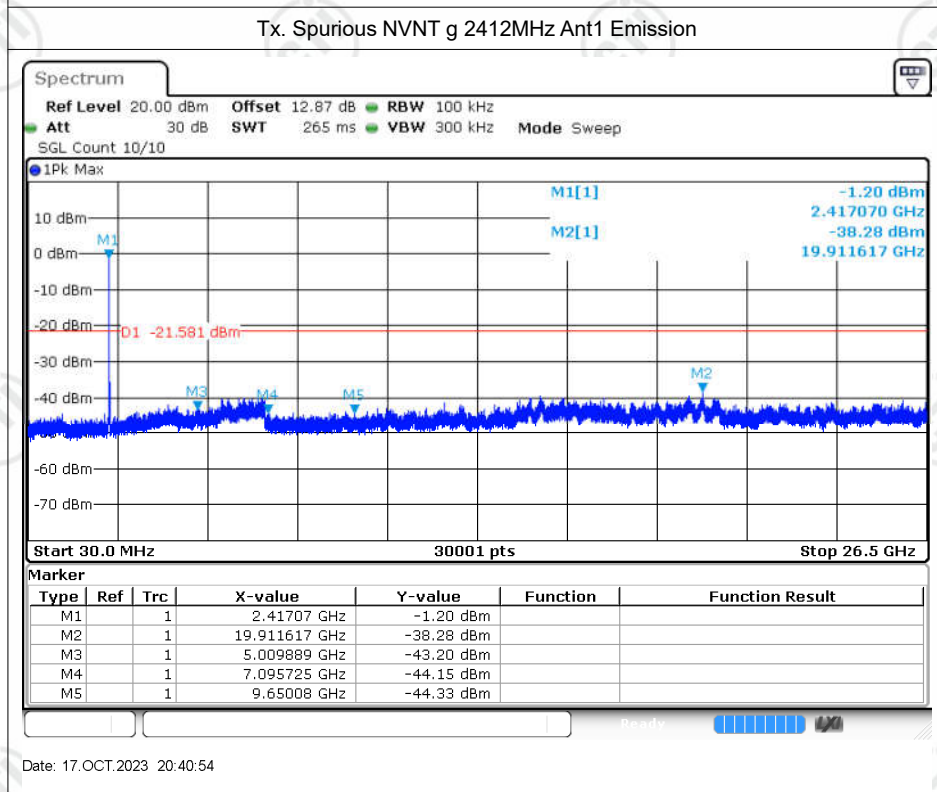
Date: 17.OCT.2023 20:31:29



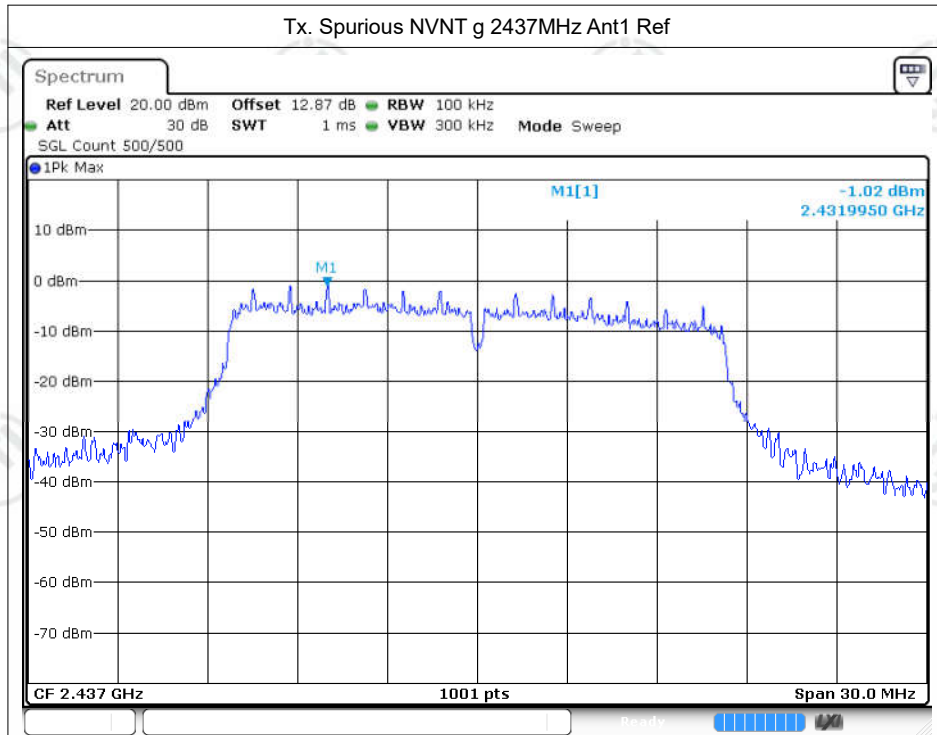
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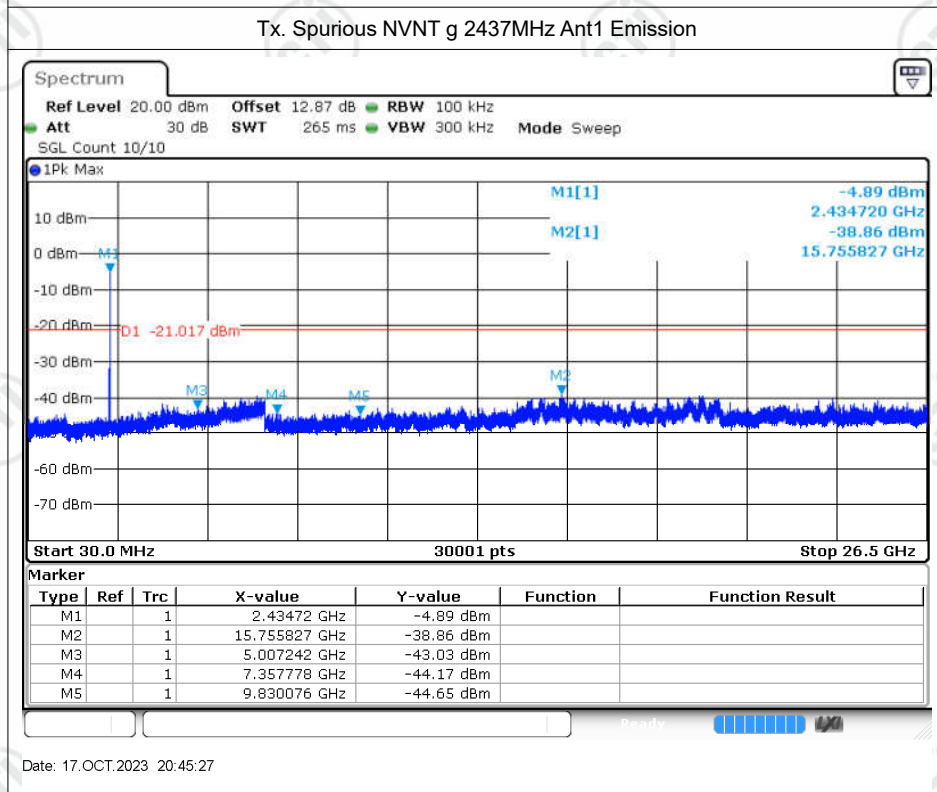
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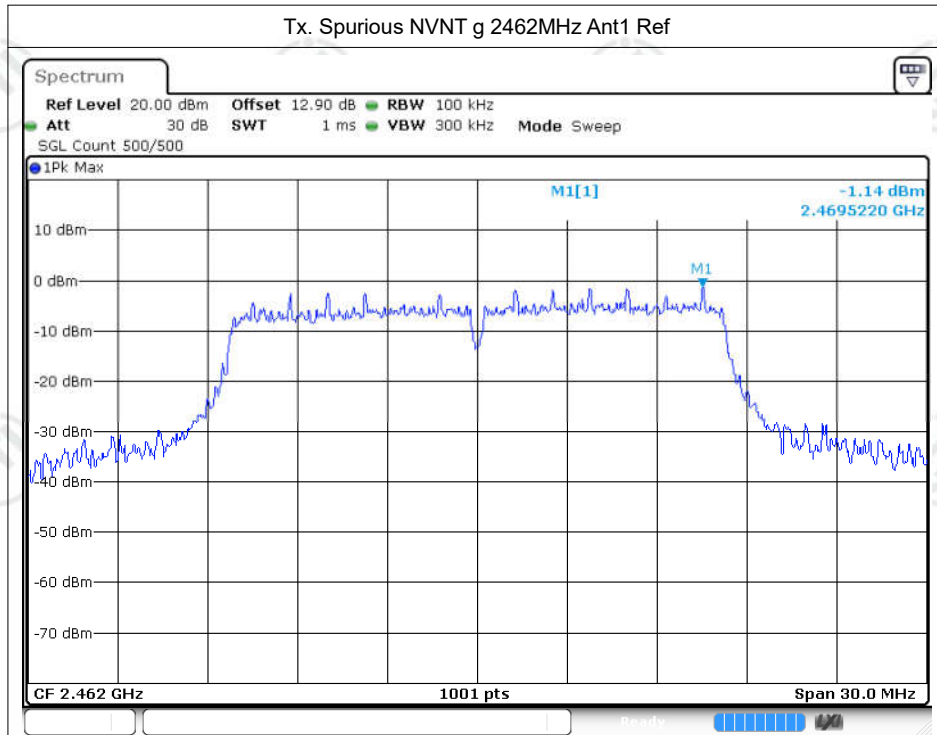
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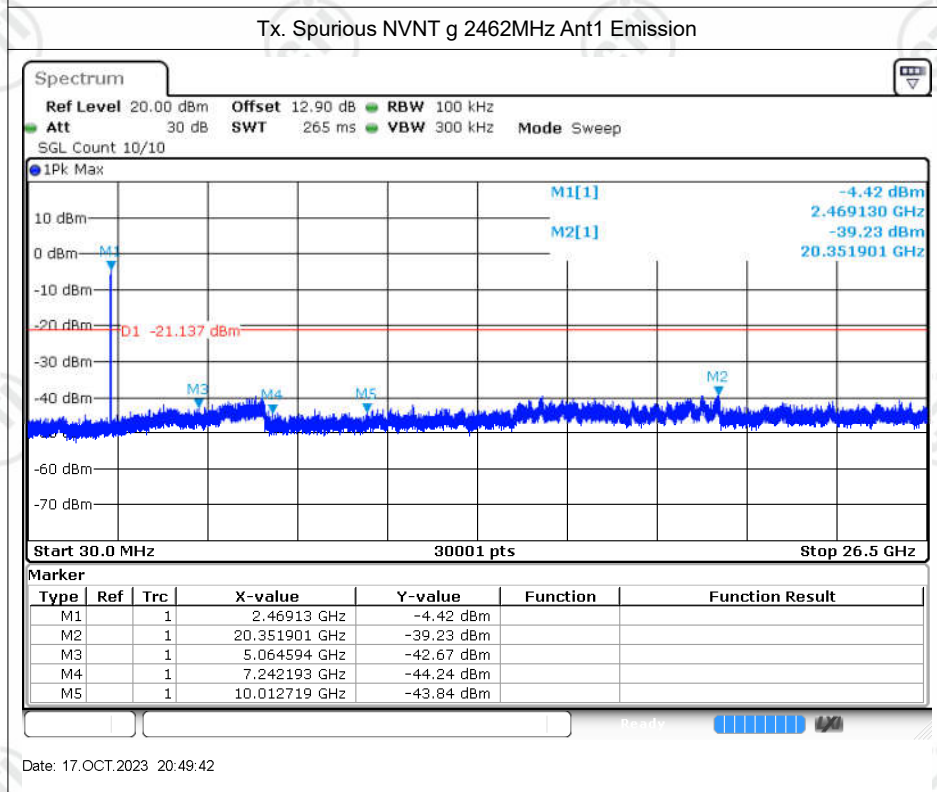
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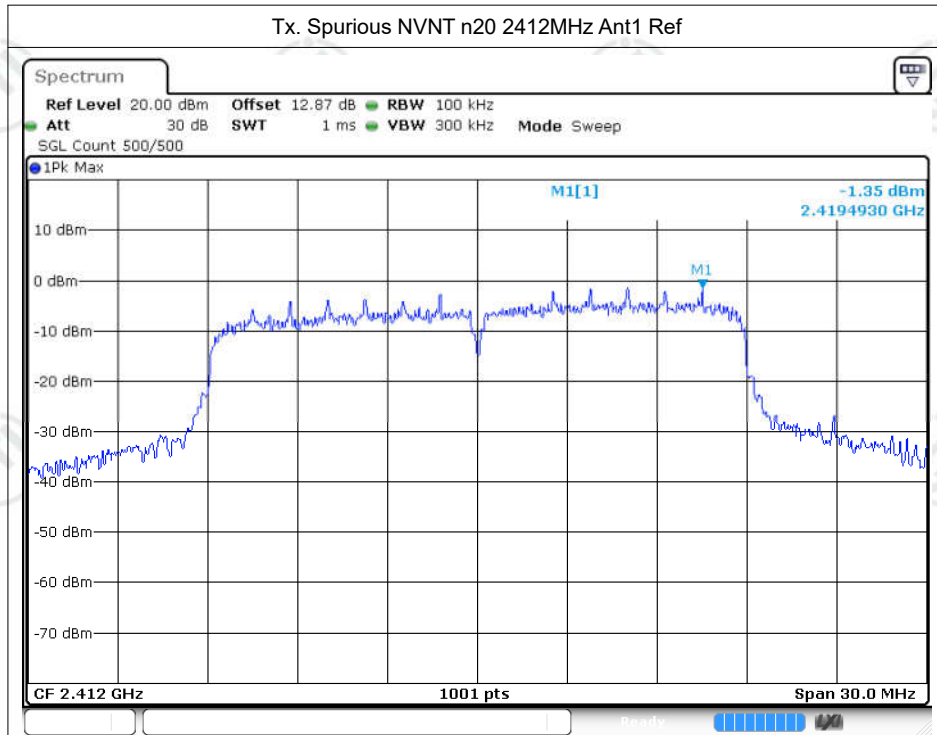
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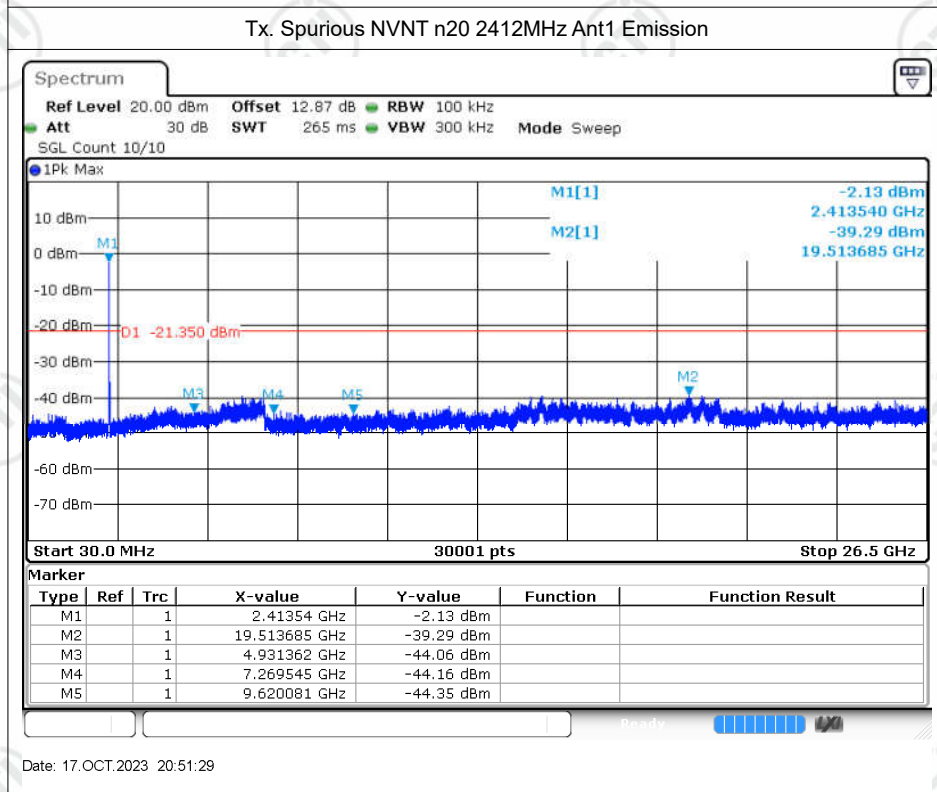
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Date: 17.OCT.2023 20:49:42

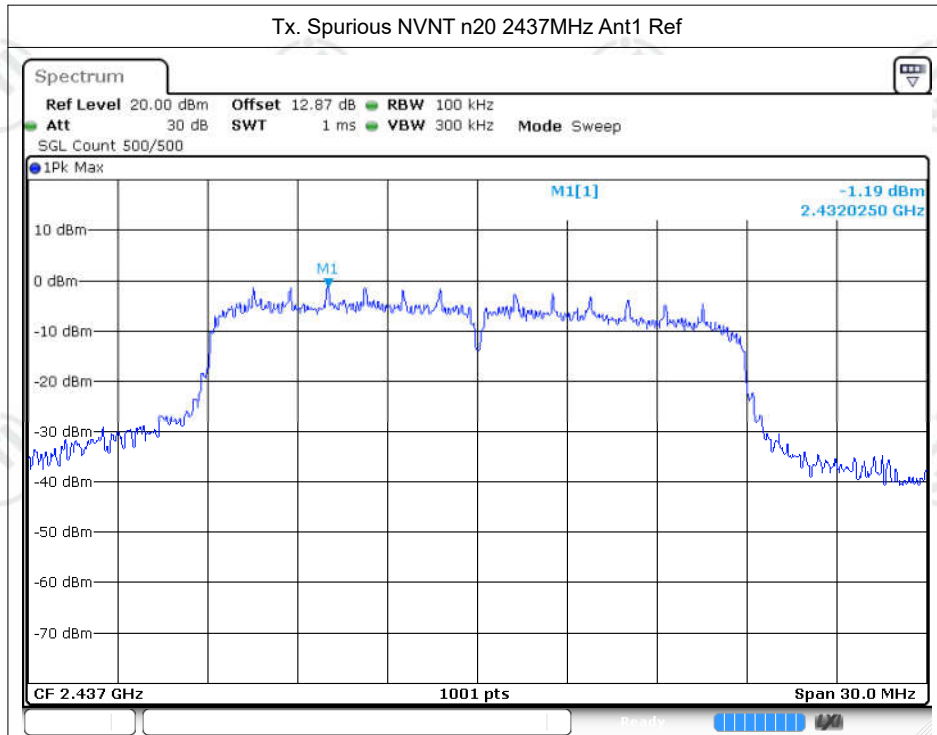


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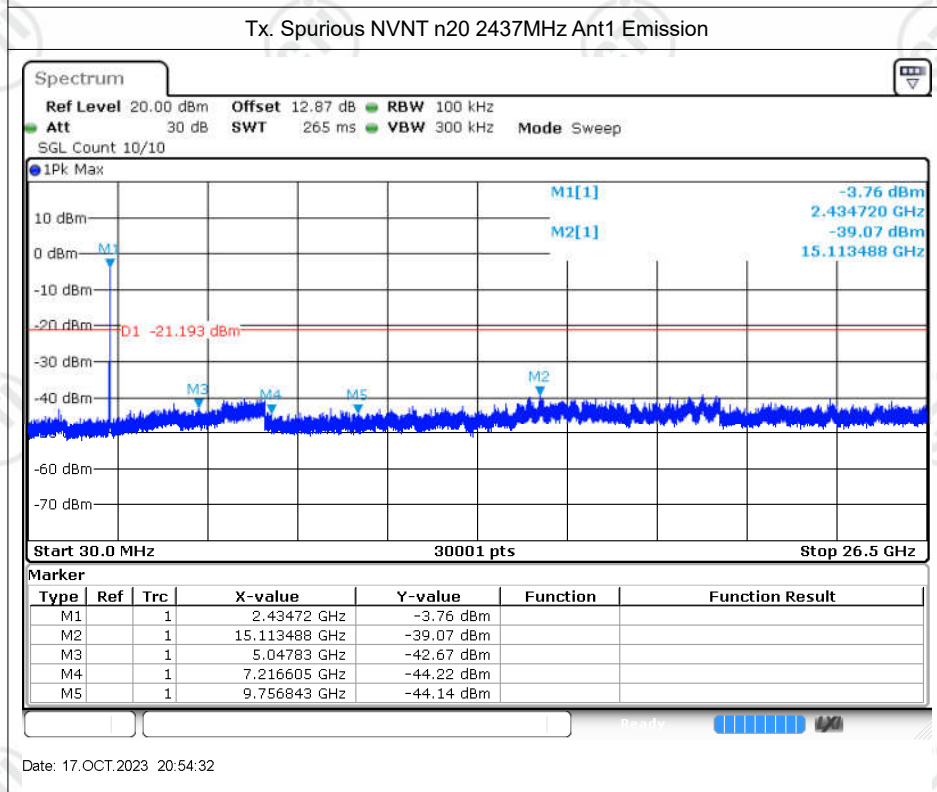


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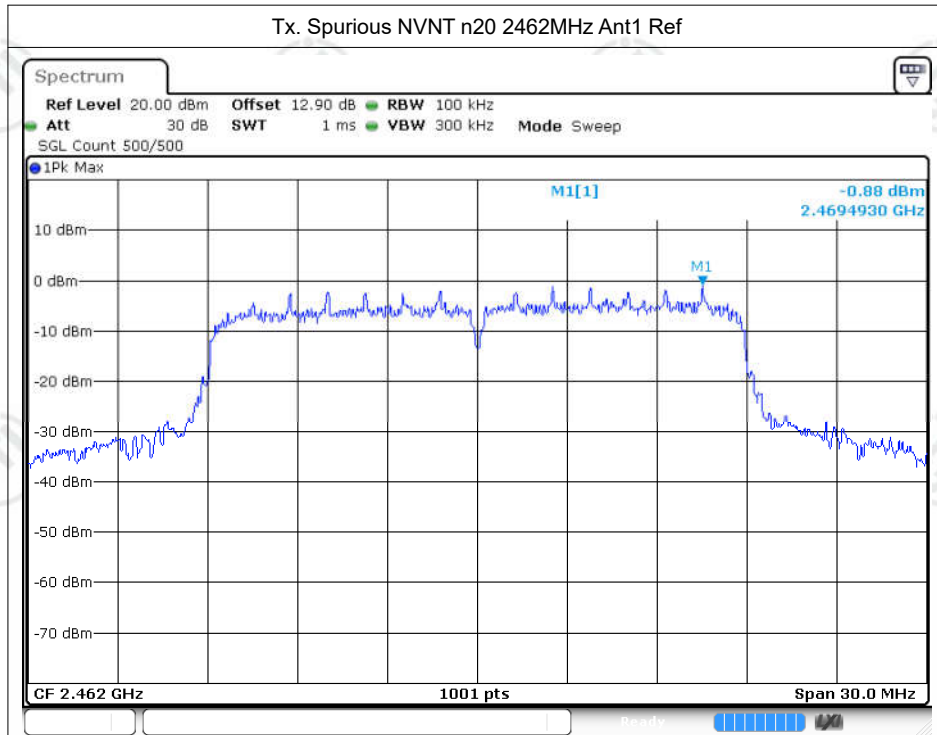




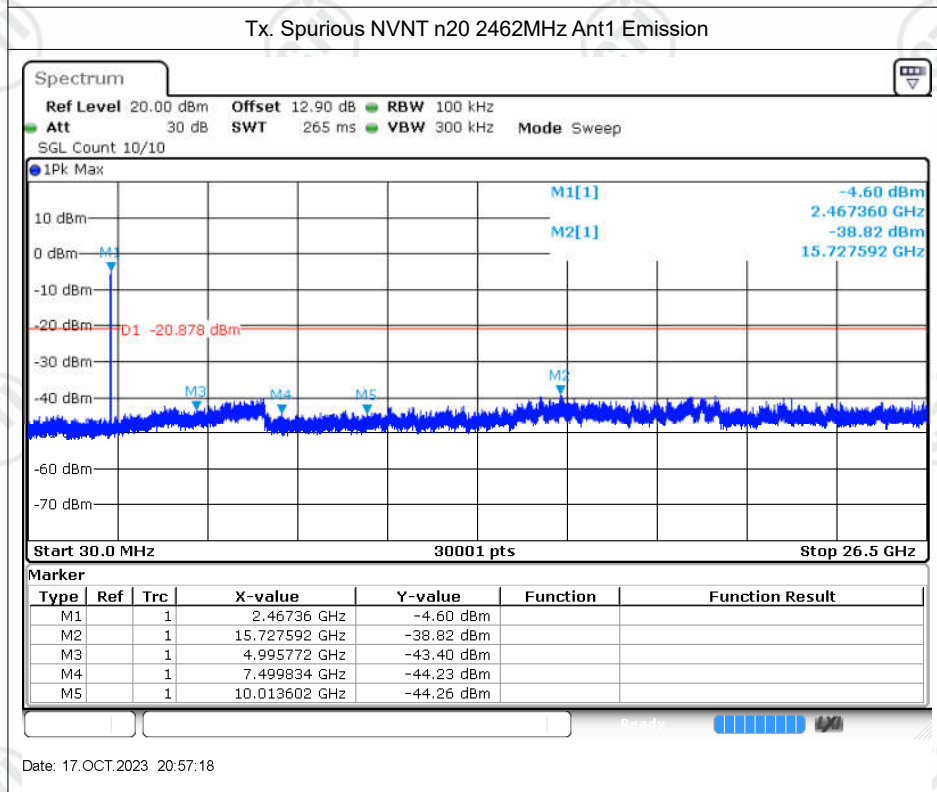
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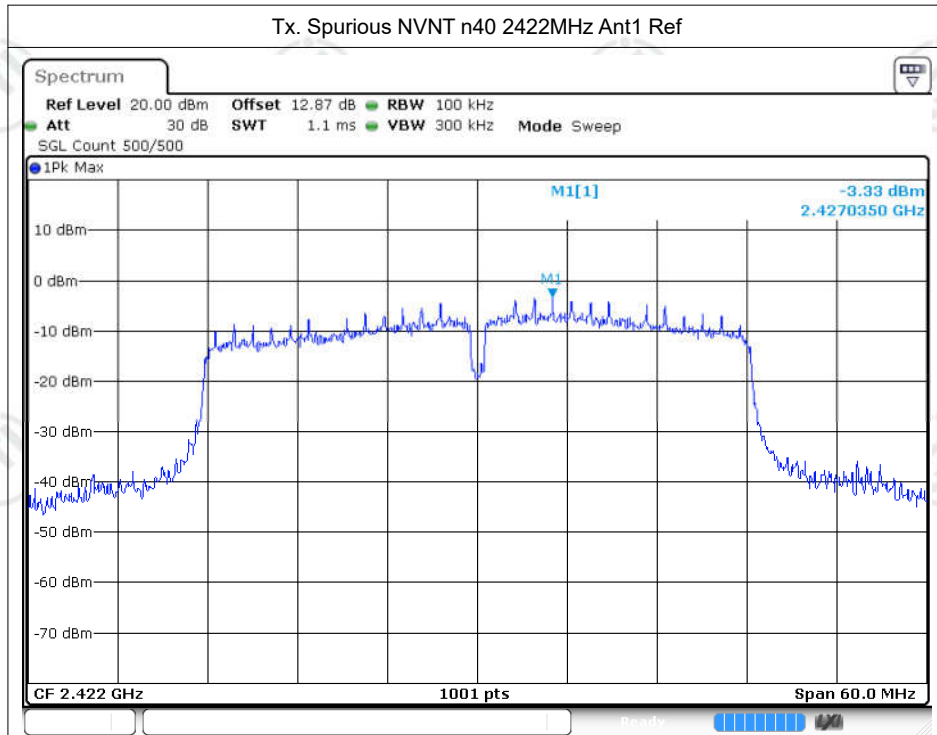
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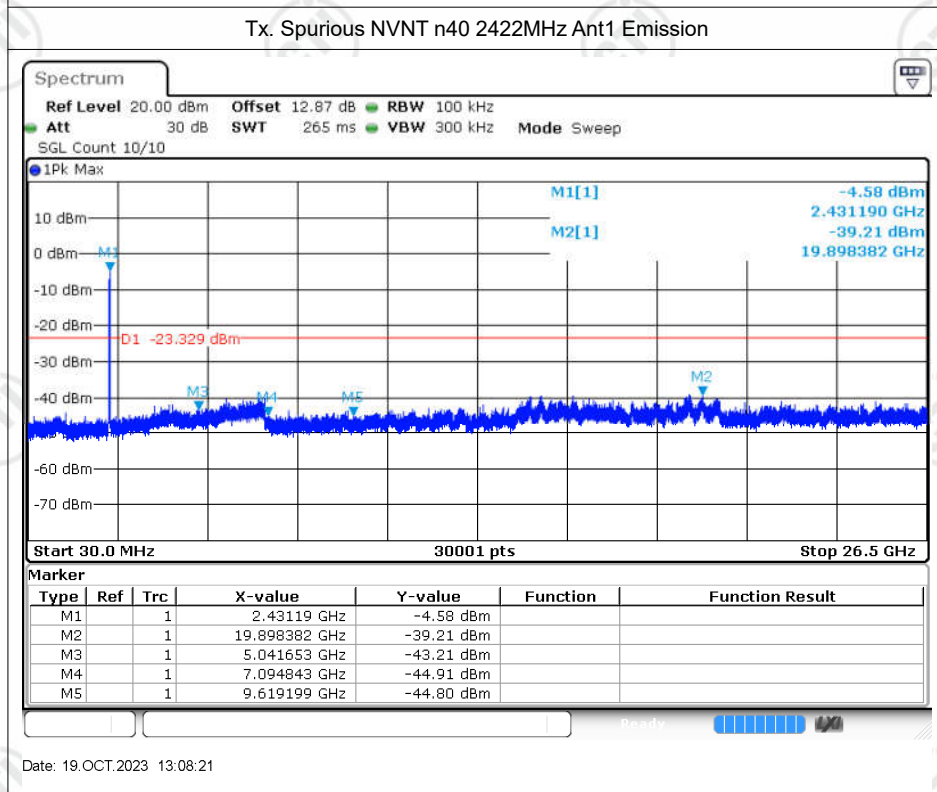
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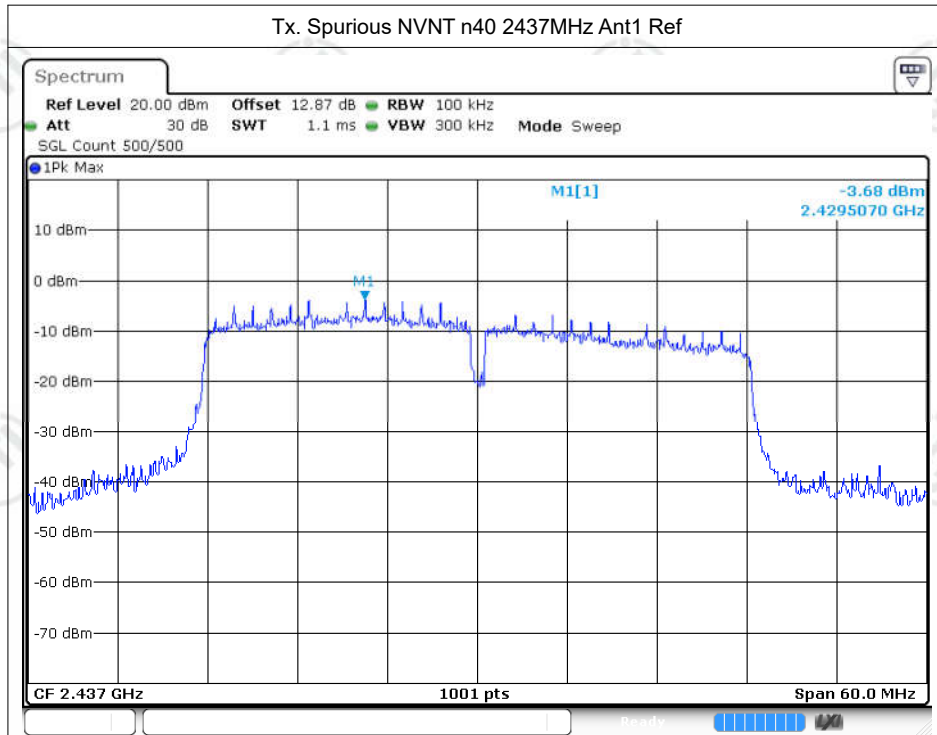
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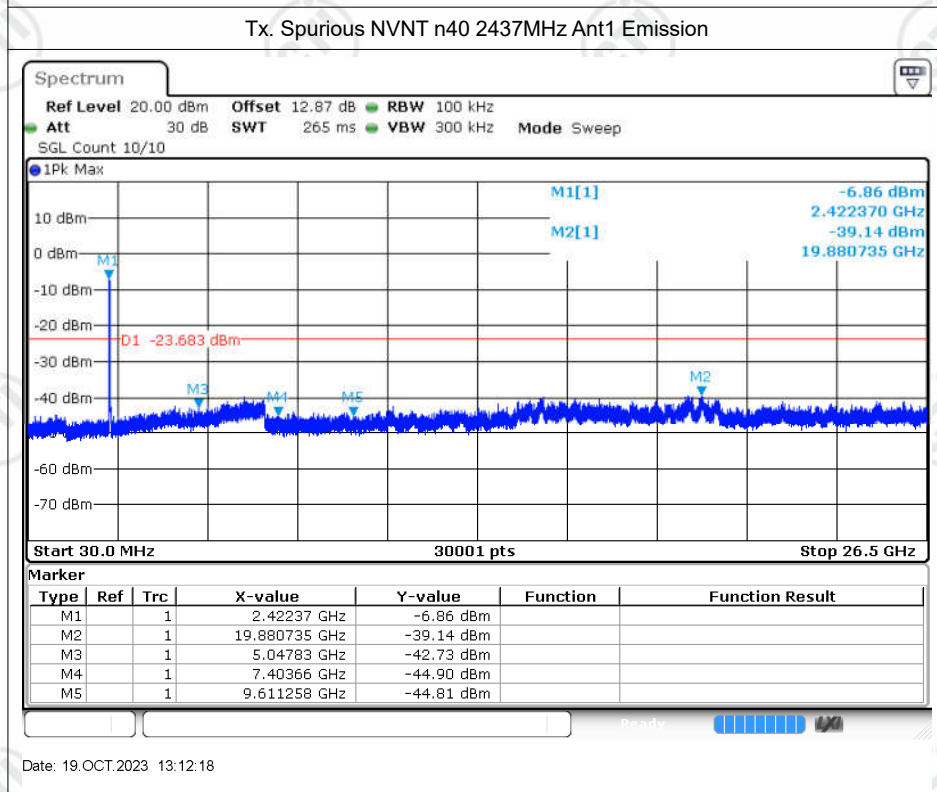
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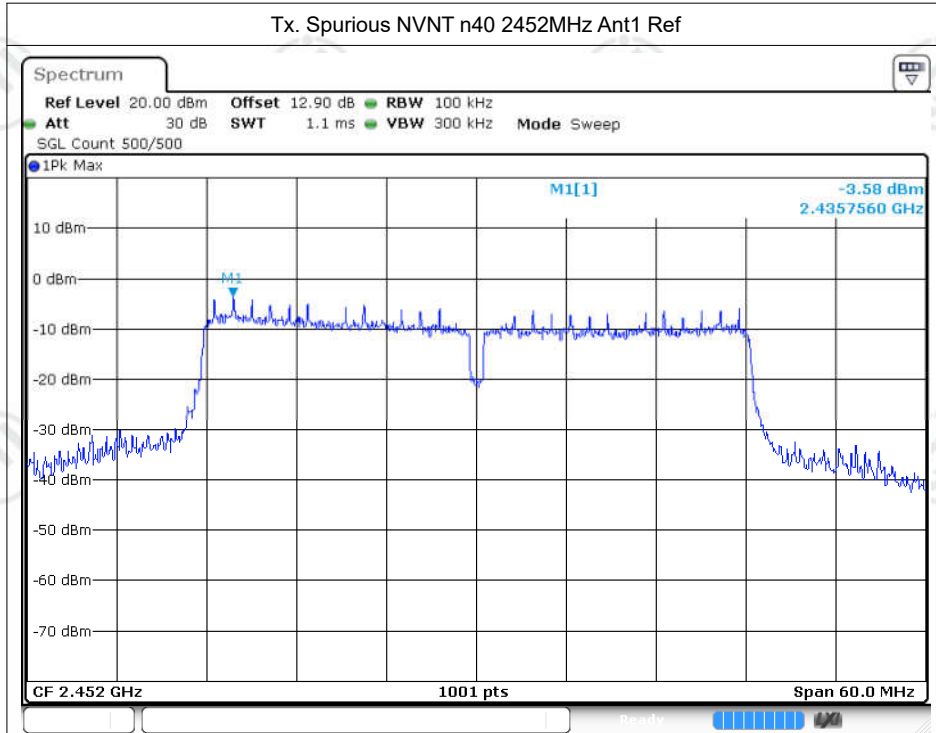
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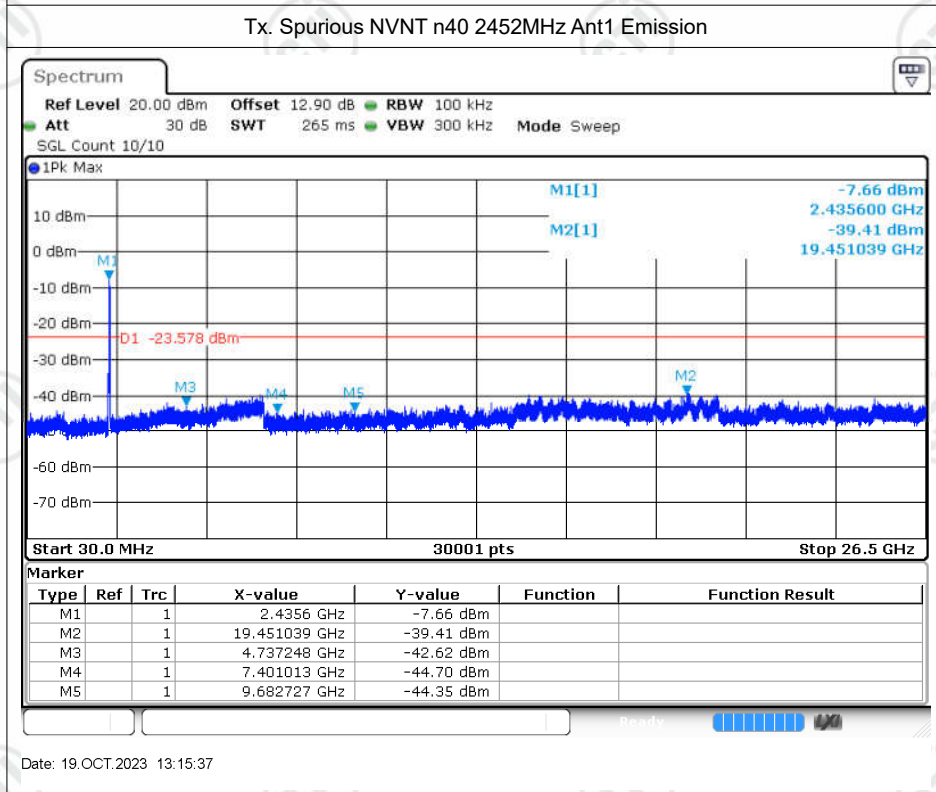
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Date: 19.OCT.2023 13:15:26



Date: 19.OCT.2023 13:15:37

\*\*\* End of Report \*\*\*