

Appendix: 2.4G WIFI

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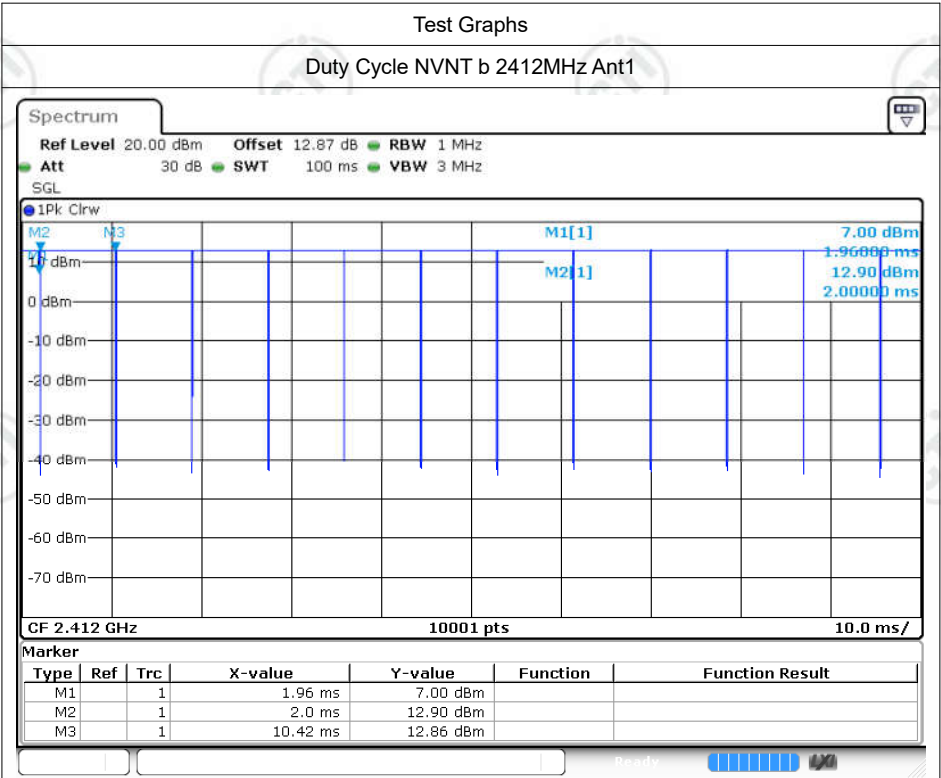
Maximum Power Spectral Density Level 44

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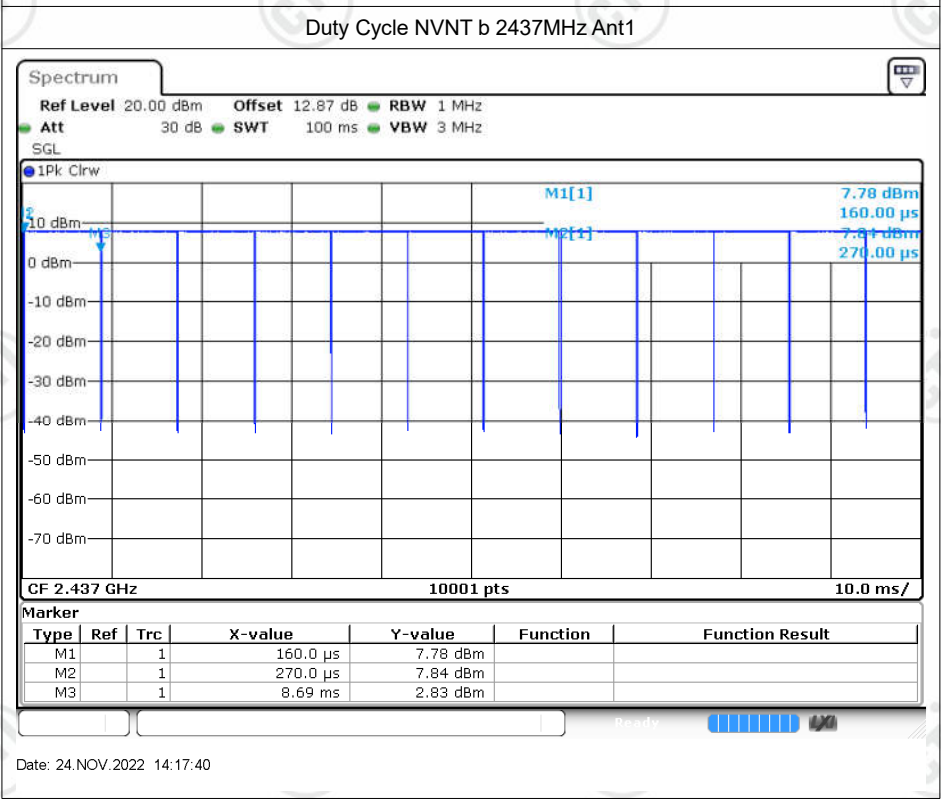
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Duty Cycle

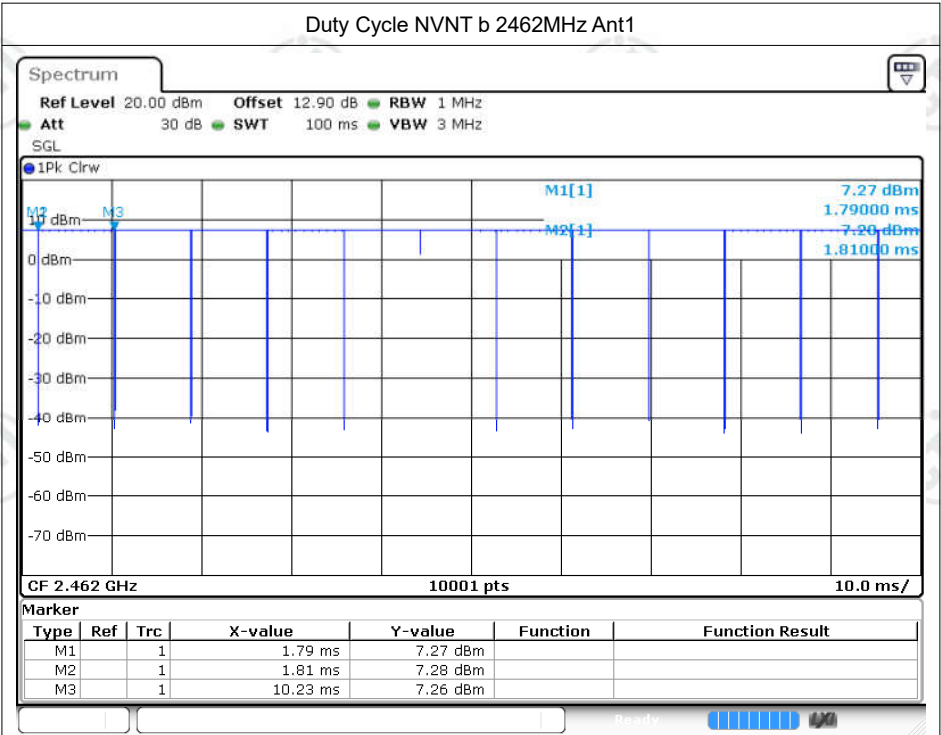
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.53	0	0.12
NVNT	b	2437	Ant1	98.71	0	0.12
NVNT	b	2462	Ant1	99.76	0	0.12
NVNT	b	2412	Ant2	99.76	0	0.12
NVNT	b	2437	Ant2	99.29	0	0.12
NVNT	b	2462	Ant2	98.48	0	0.12
NVNT	g	2412	Ant1	97.69	0.1	0.72
NVNT	g	2437	Ant1	92.39	0.34	0.72
NVNT	g	2462	Ant1	93.51	0.29	0.72
NVNT	g	2412	Ant2	97.01	0.13	0.72
NVNT	g	2437	Ant2	90.77	0.42	0.72
NVNT	g	2462	Ant2	89.66	0.47	0.72
NVNT	n20	2412	Ant1	93.17	0.31	0.77
NVNT	n20	2437	Ant1	96.64	0.15	0.77
NVNT	n20	2462	Ant1	95.59	0.2	0.77
NVNT	n20	2412	Ant2	91.55	0.38	0.77
NVNT	n20	2437	Ant2	89	0.51	0.77
NVNT	n20	2462	Ant2	96.3	0.16	0.77
NVNT	n40	2422	Ant1	80.61	0.94	1.58
NVNT	n40	2437	Ant1	91.95	0.36	1.56
NVNT	n40	2452	Ant1	88.89	0.51	1.56
NVNT	n40	2422	Ant2	86.96	0.61	1.56
NVNT	n40	2437	Ant2	86.96	0.61	1.56
NVNT	n40	2452	Ant2	93.02	0.31	1.56



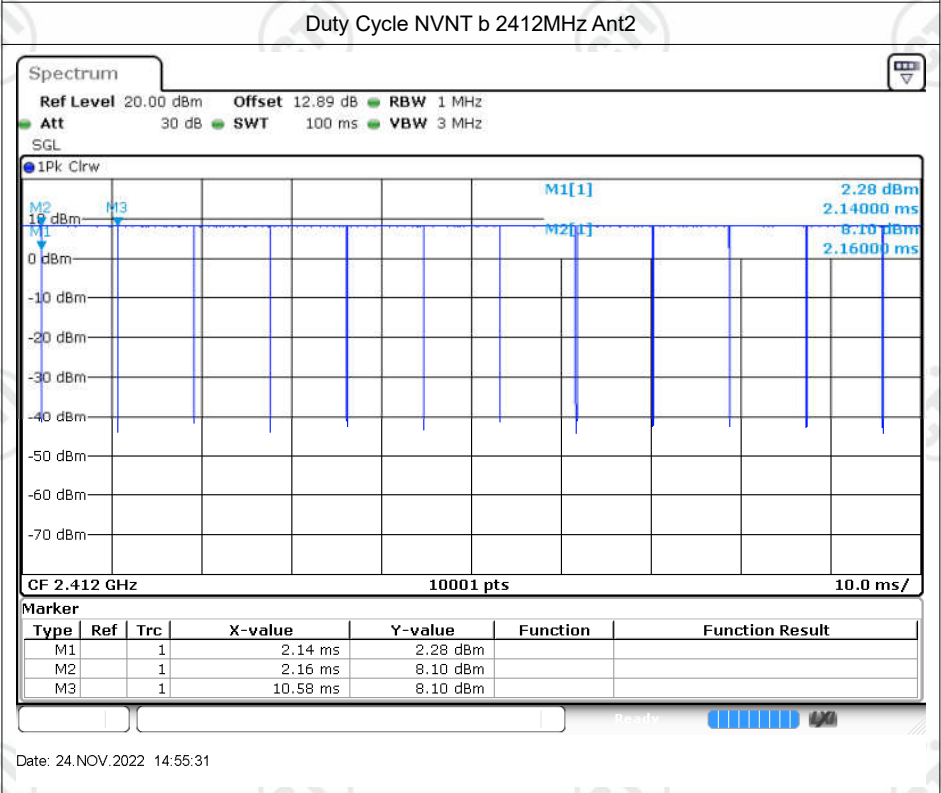
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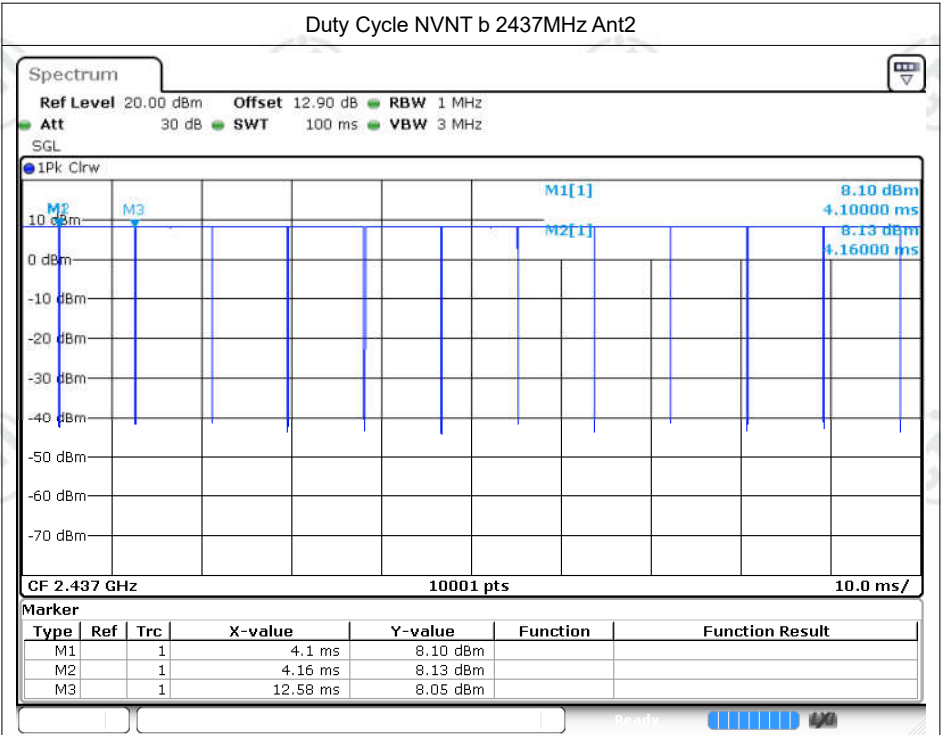
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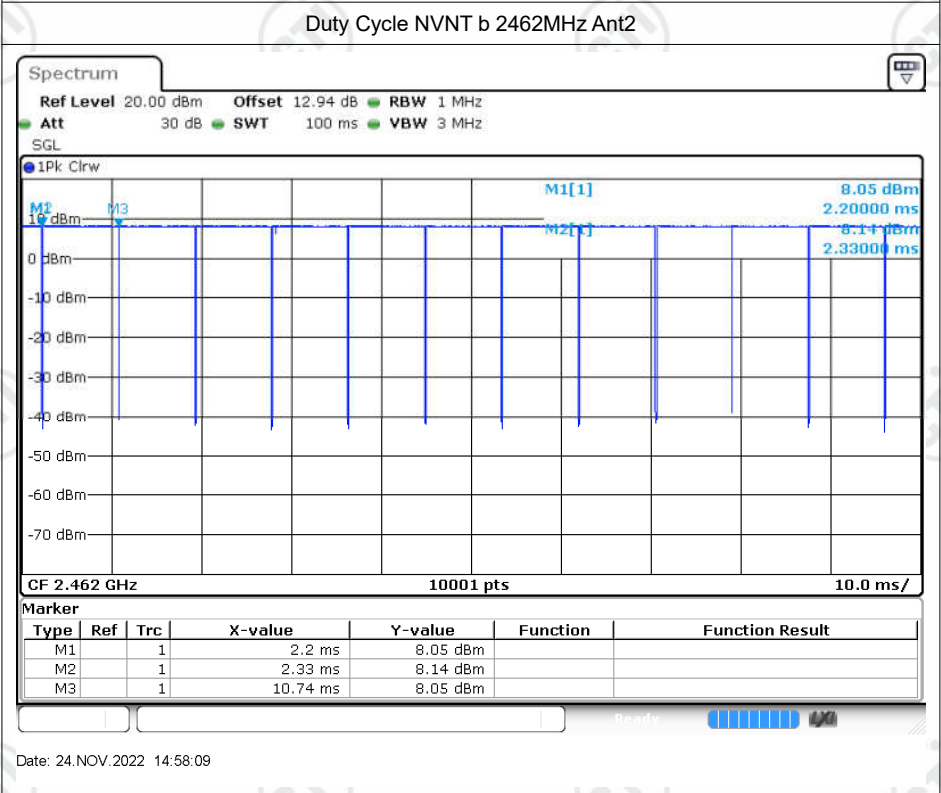
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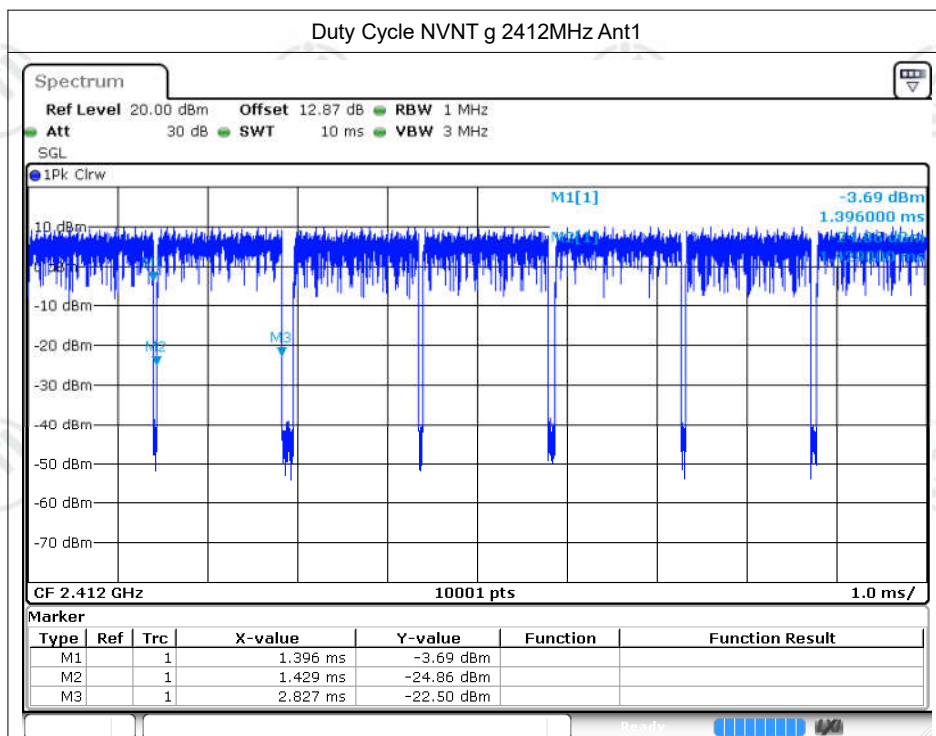
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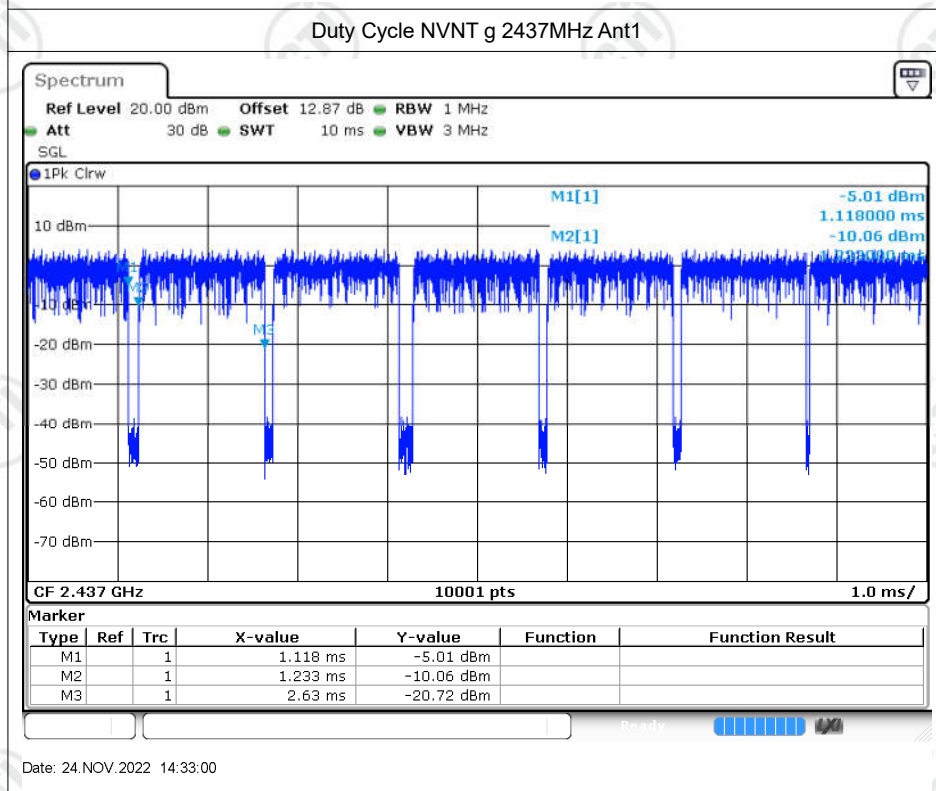
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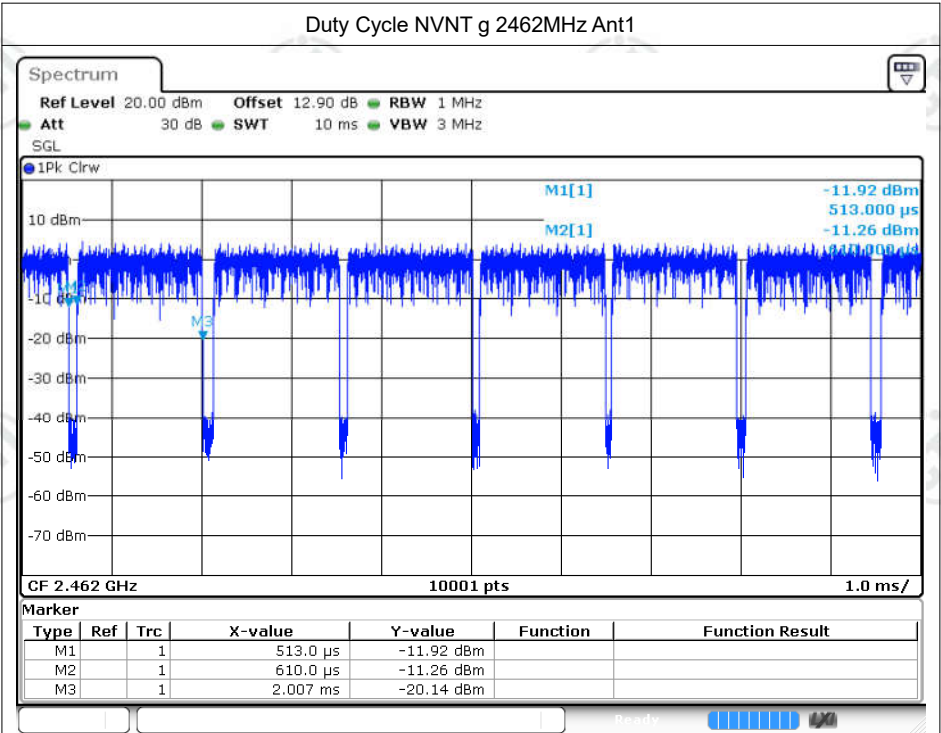
Date: 24.NOV.2022 14:58:09



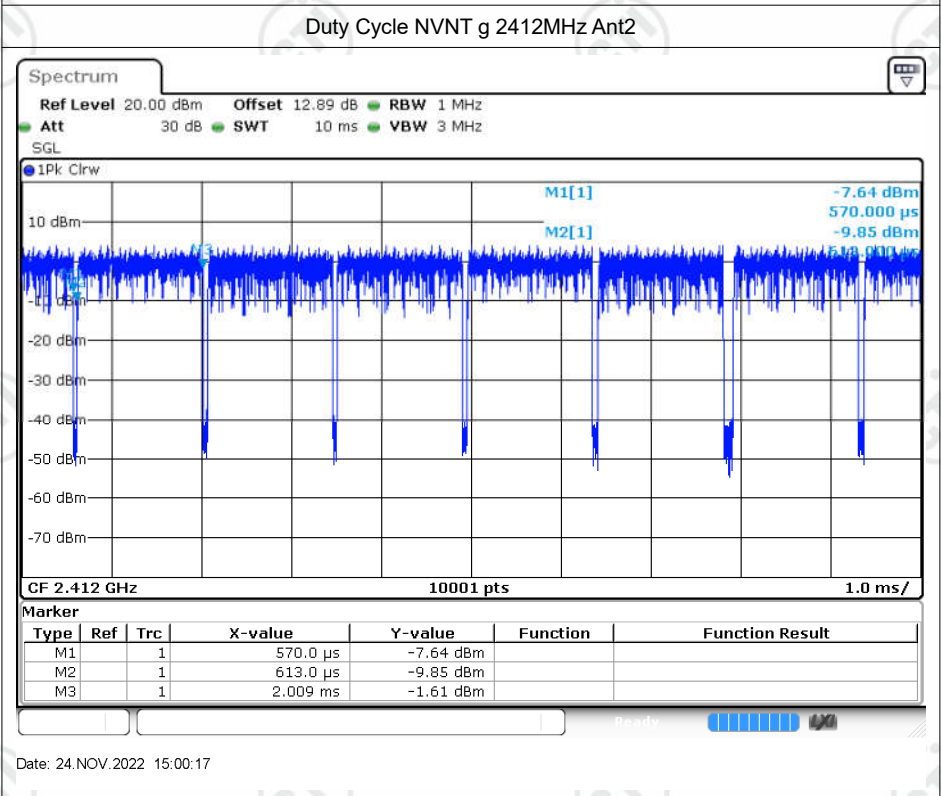
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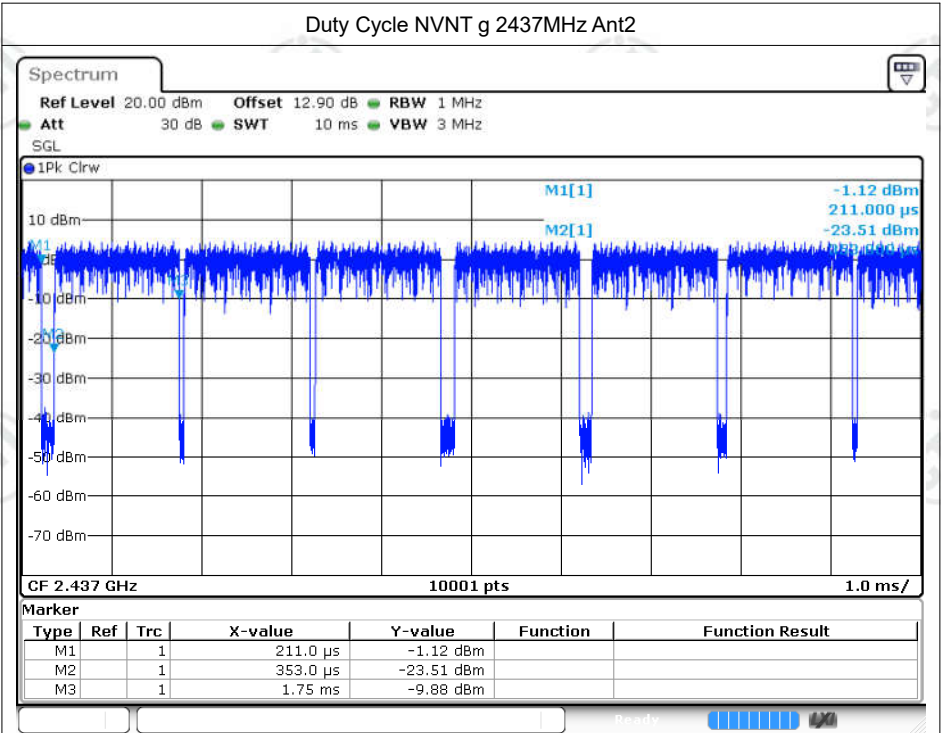
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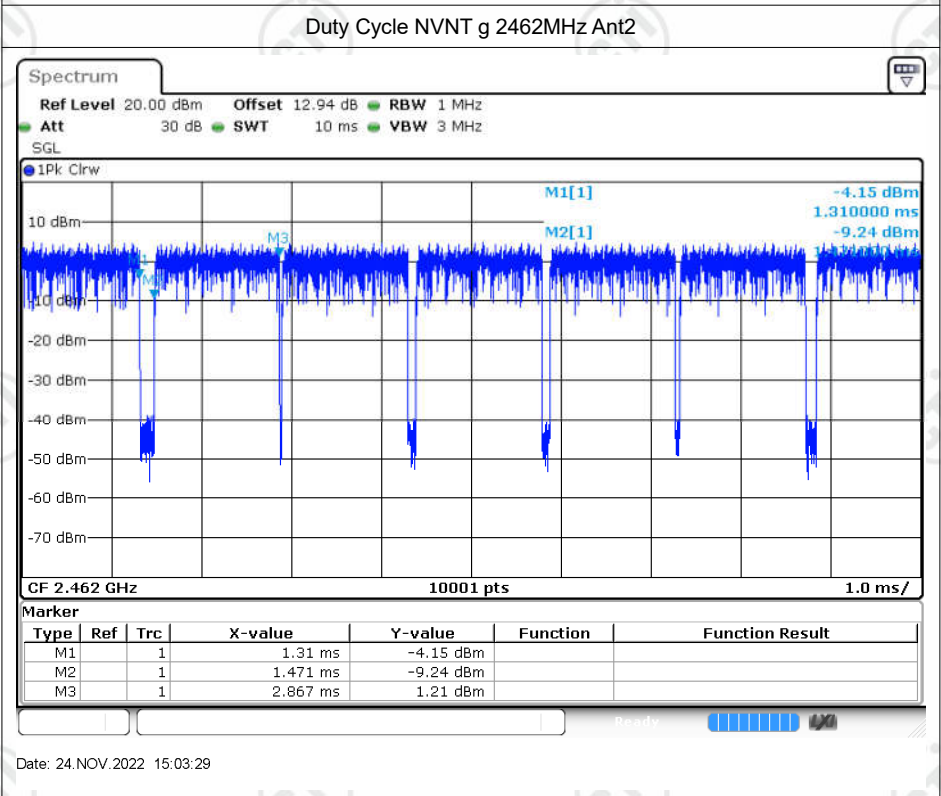
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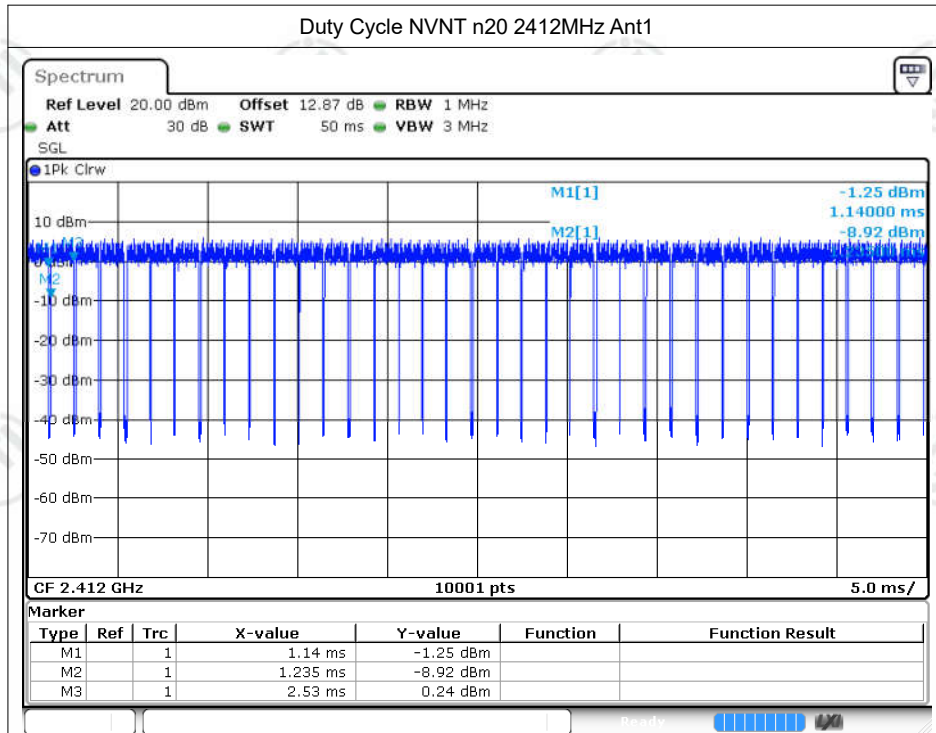
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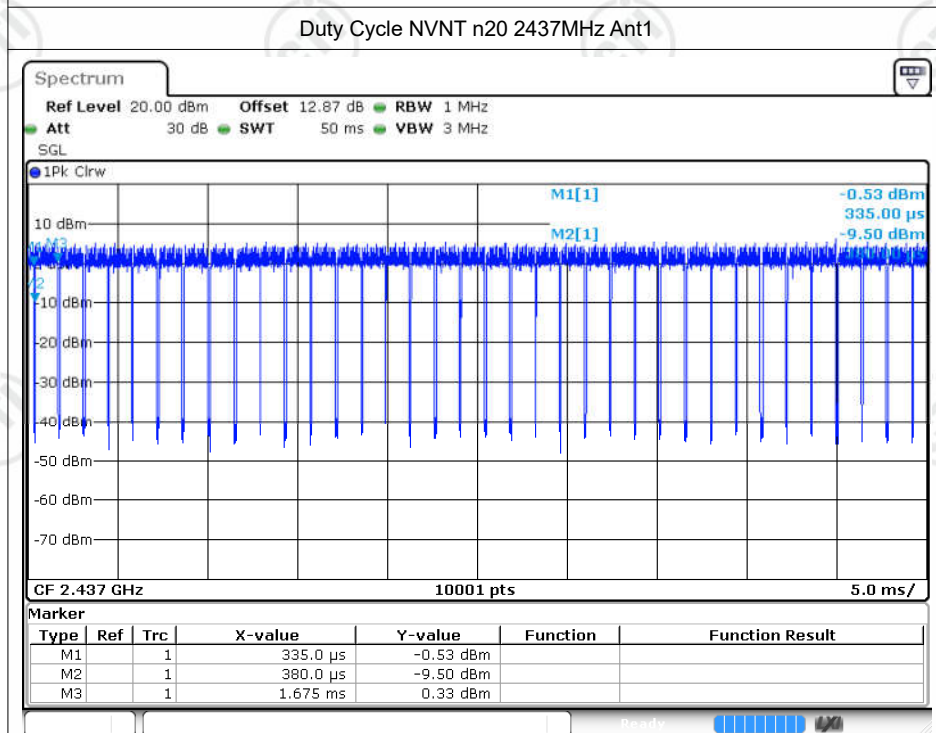
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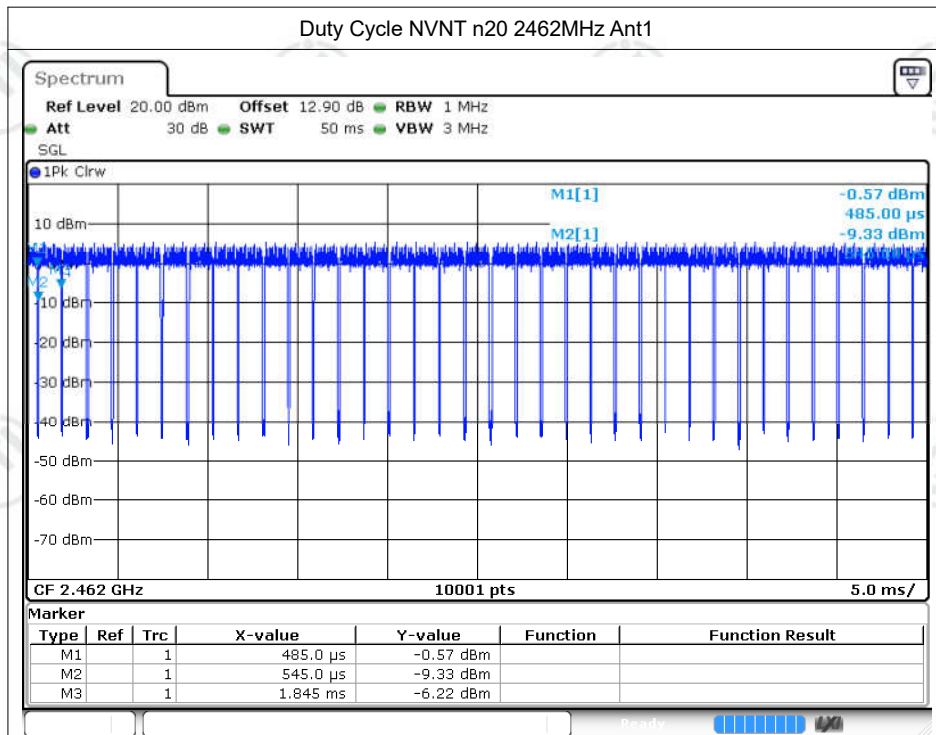
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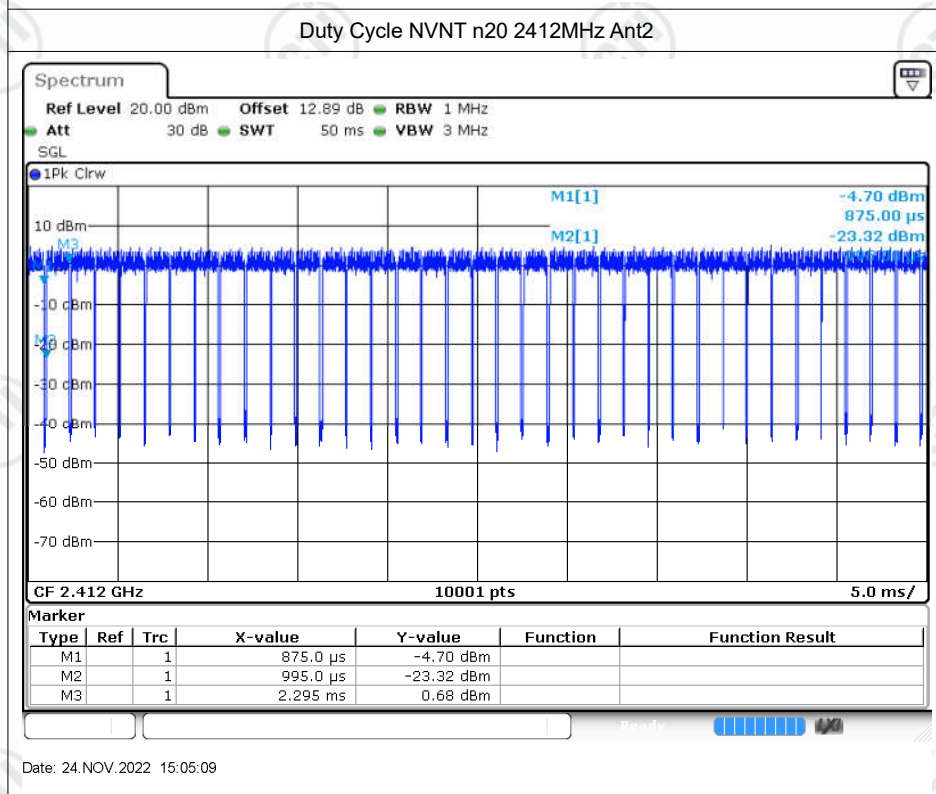
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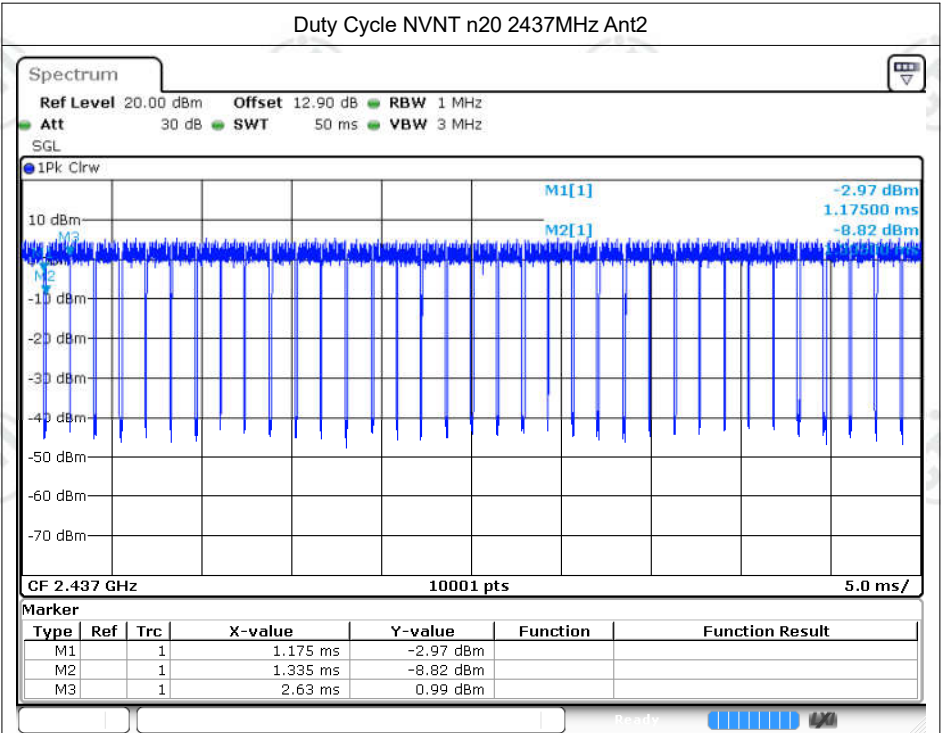
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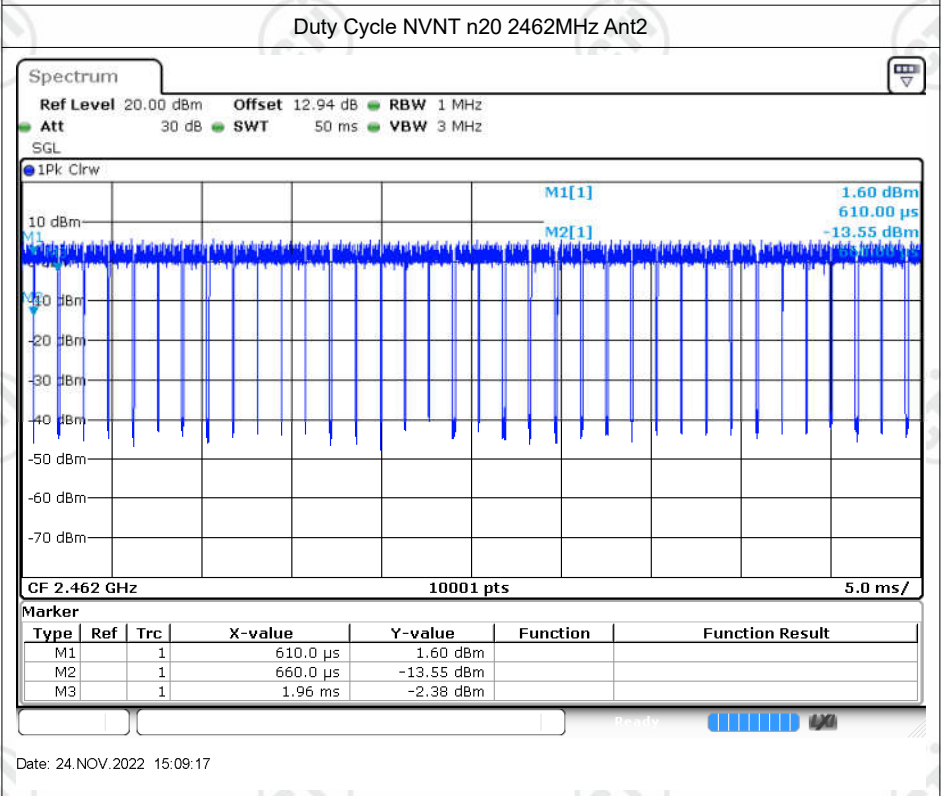
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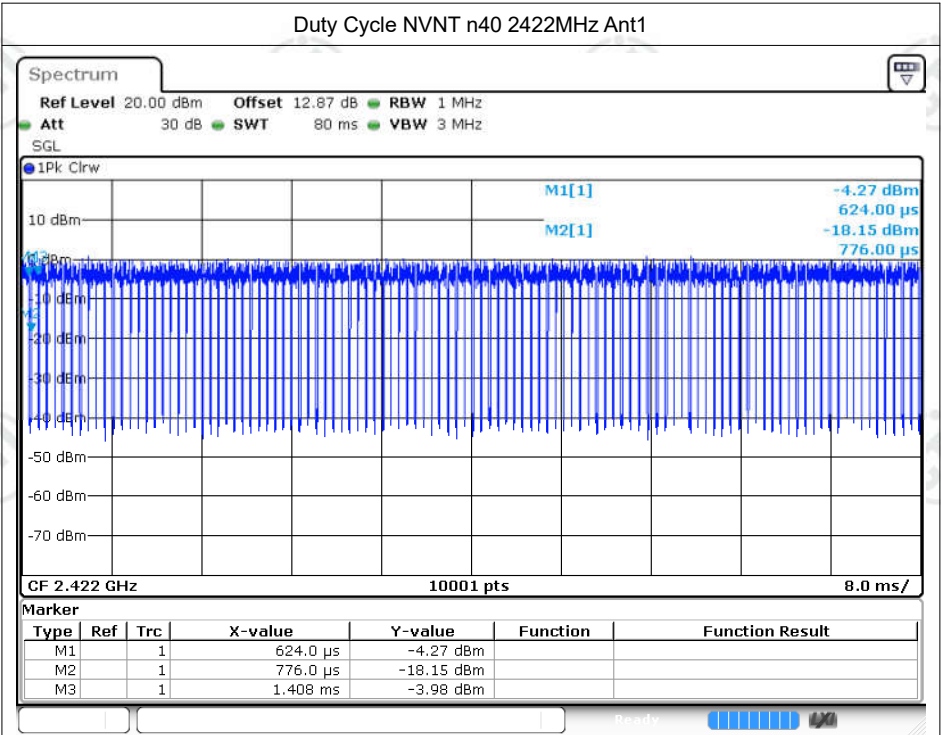
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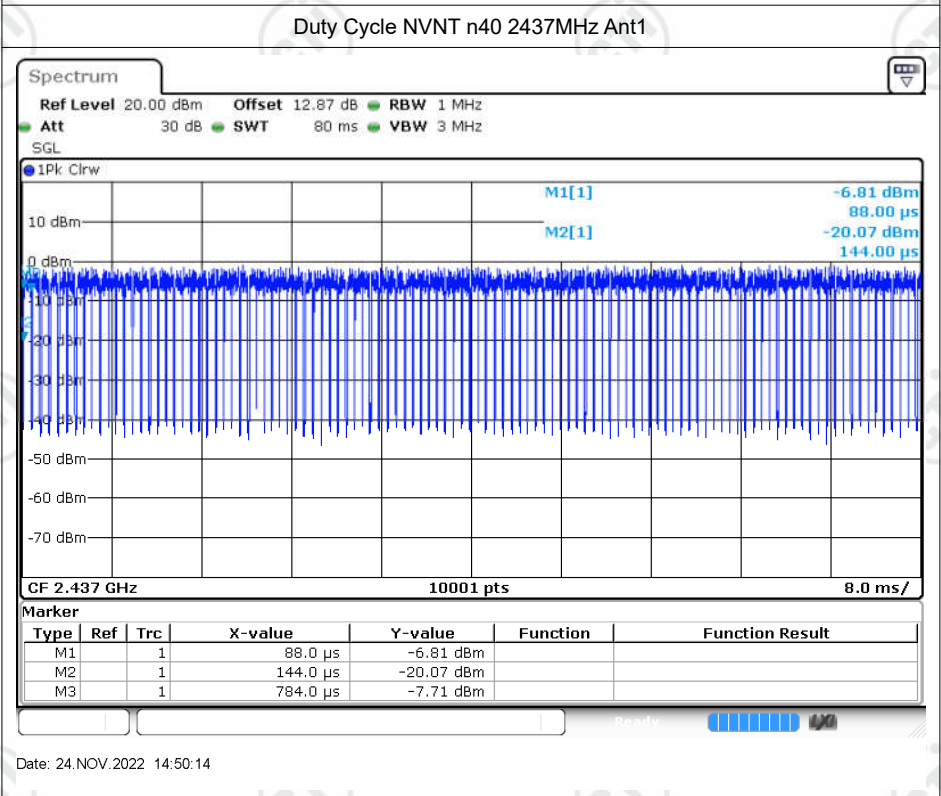
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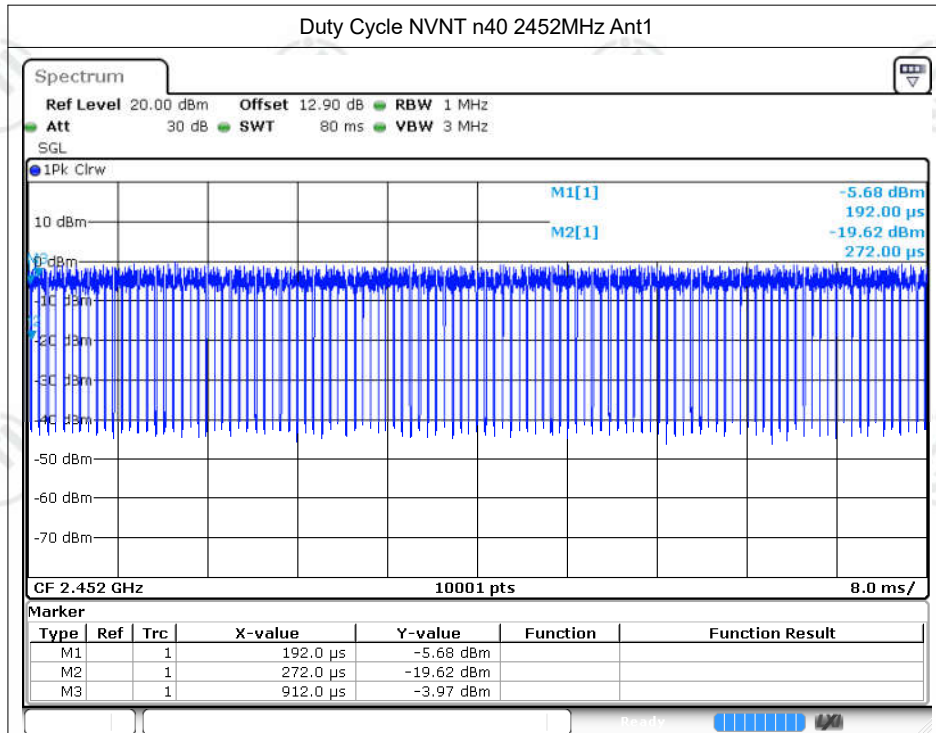
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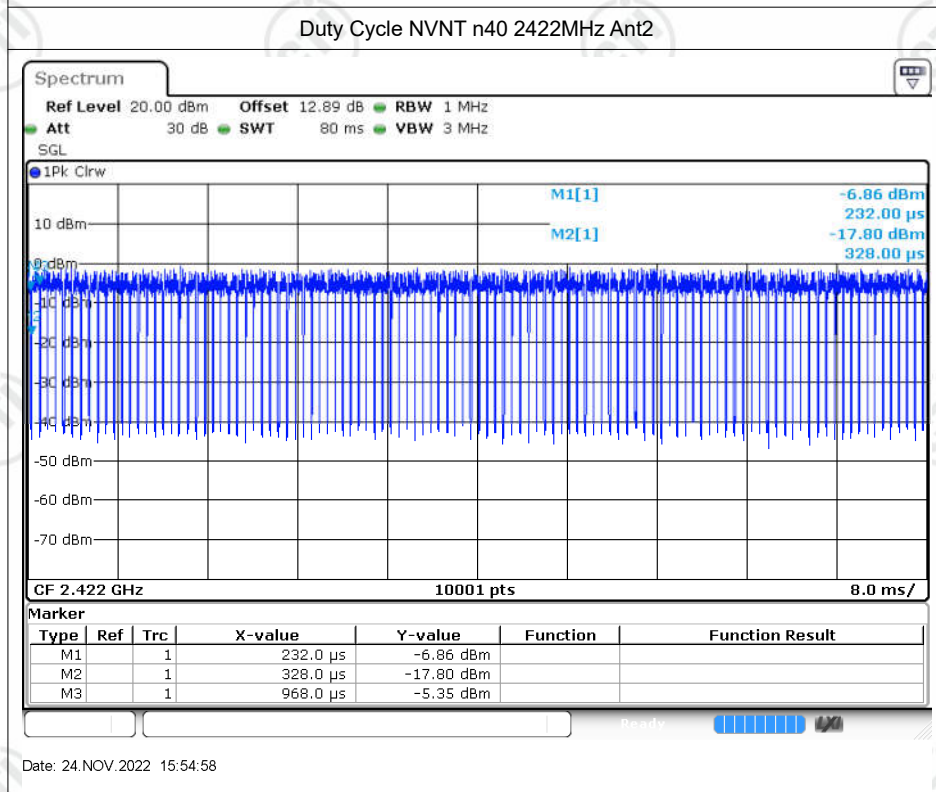
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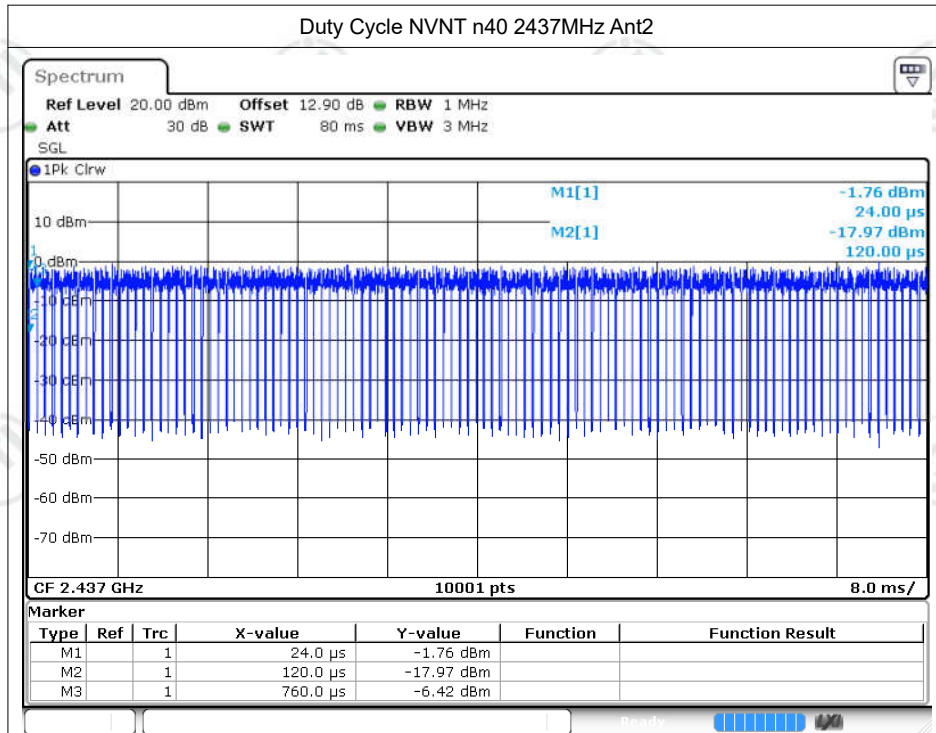
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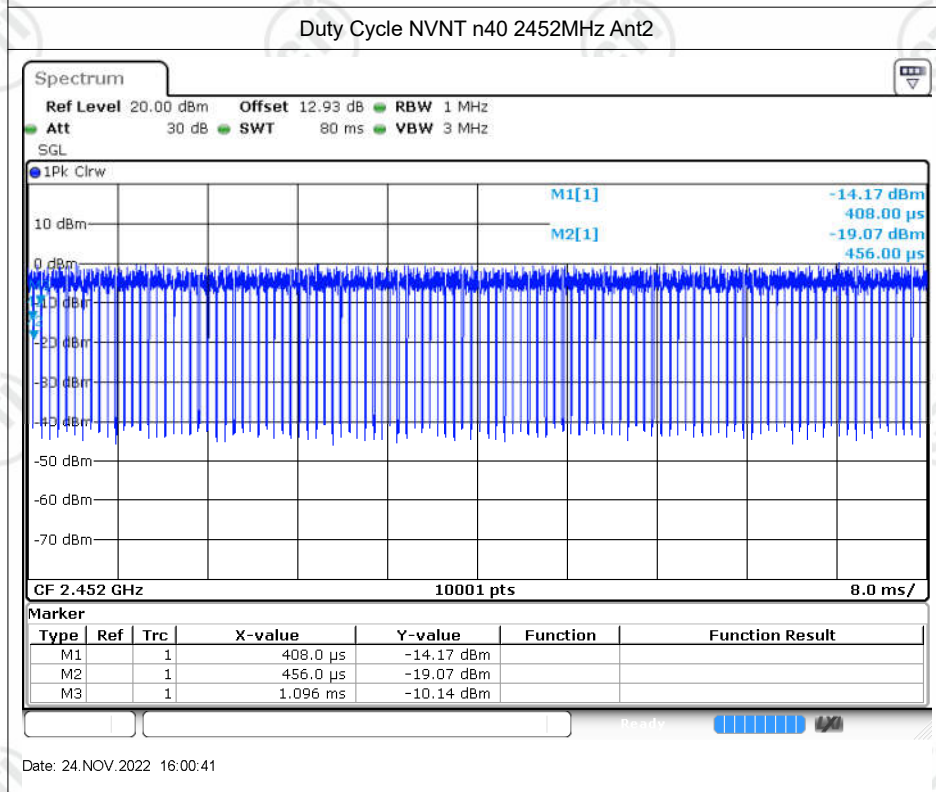
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Date: 24.NOV.2022 15:54:58



Date: 24.NOV.2022 15:58:05



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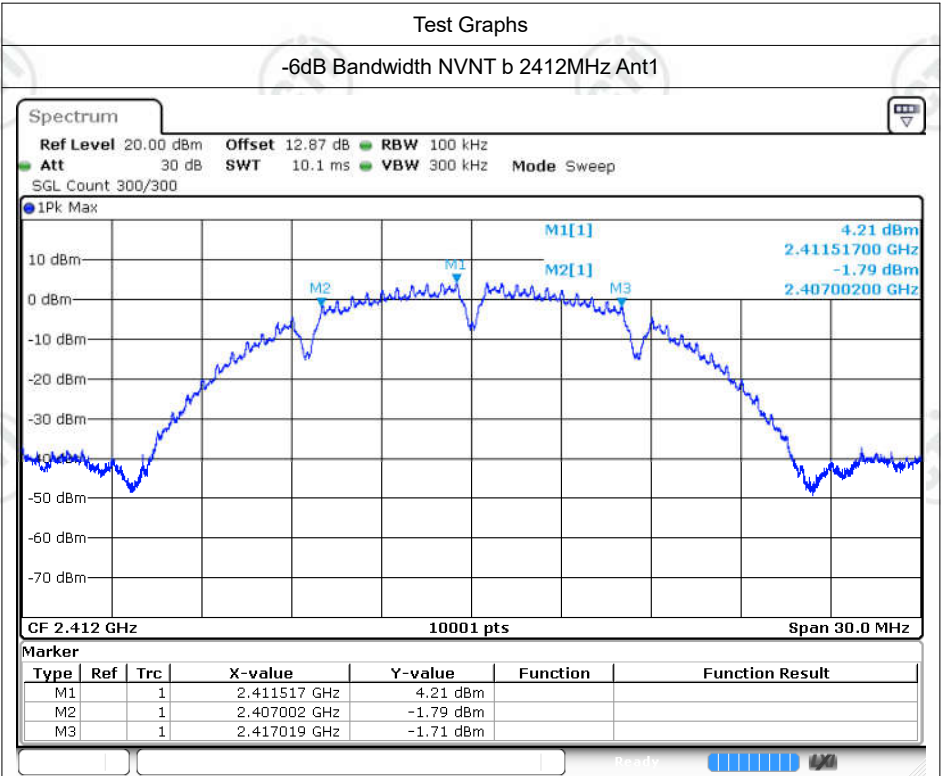
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	17.16	0	17.16	30	Pass
NVNT	b	2437	Ant1	17.81	0	17.81	30	Pass
NVNT	b	2462	Ant1	17.32	0	17.32	30	Pass
NVNT	b	2412	Ant2	17.02	0	17.02	30	Pass
NVNT	b	2437	Ant2	17.09	0	17.09	30	Pass
NVNT	b	2462	Ant2	17.2	0	17.2	30	Pass
NVNT	g	2412	Ant1	16.53	0	16.53	30	Pass
NVNT	g	2437	Ant1	16.54	0	16.54	30	Pass
NVNT	g	2462	Ant1	16.55	0	16.55	30	Pass
NVNT	g	2412	Ant2	16.59	0	16.59	30	Pass
NVNT	g	2437	Ant2	16.64	0	16.64	30	Pass
NVNT	g	2462	Ant2	16.69	0	16.69	30	Pass
NVNT	n20	2412	Ant1	16.33	0	16.33	30	Pass
NVNT	n20	2437	Ant1	16.31	0	16.31	30	Pass
NVNT	n20	2462	Ant1	16.38	0	16.38	30	Pass
NVNT	n20	2412	Ant2	16.41	0	16.41	30	Pass
NVNT	n20	2437	Ant2	16.44	0	16.44	30	Pass
NVNT	n20	2462	Ant2	16.49	0	16.49	30	Pass
NVNT	n20	2412	Ant1	13.3	0	13.3	30	Pass
NVNT	n20	2412	Ant2	11.53	0	11.53	30	Pass
NVNT	n20	2412	Sum	15.51	0	15.51	30	Pass
NVNT	n20	2437	Ant1	12.95	0	12.95	30	Pass
NVNT	n20	2437	Ant2	10.91	0	10.91	30	Pass
NVNT	n20	2437	Sum	15.06	0	15.06	30	Pass
NVNT	n20	2462	Ant1	12.97	0	12.97	30	Pass
NVNT	n20	2462	Ant2	11	0	11	30	Pass
NVNT	n20	2462	Sum	15.11	0	15.11	30	Pass
NVNT	n40	2422	Ant1	15.83	0	15.83	30	Pass
NVNT	n40	2437	Ant1	15.24	0	15.24	30	Pass
NVNT	n40	2452	Ant1	15.81	0	15.81	30	Pass
NVNT	n40	2422	Ant2	15.68	0	15.68	30	Pass
NVNT	n40	2437	Ant2	15.78	0	15.78	30	Pass
NVNT	n40	2452	Ant2	15.88	0	15.88	30	Pass
NVNT	n40	2422	Ant1	12.62	0	12.62	30	Pass
NVNT	n40	2422	Ant2	10.81	0	10.81	30	Pass
NVNT	n40	2422	Sum	14.82	0	14.82	30	Pass
NVNT	n40	2437	Ant1	12.54	0	12.54	30	Pass

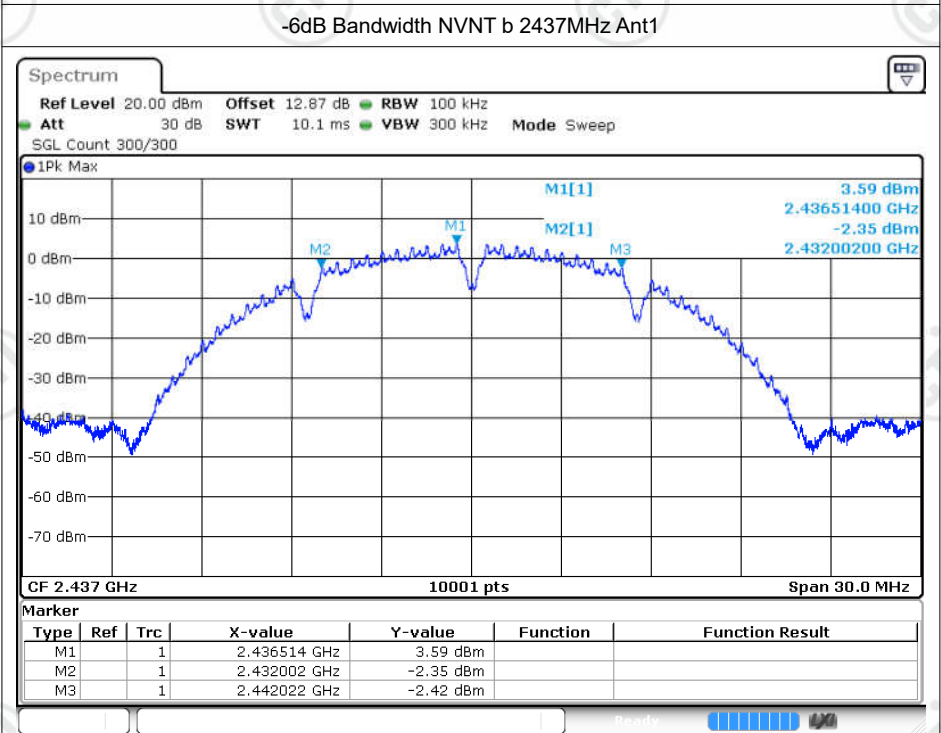
NVNT	n40	2437	Ant2	10.9	0	10.9	30	Pass
NVNT	n40	2437	Sum	14.81	0	14.81	30	Pass
NVNT	n40	2452	Ant1	12.5	0	12.5	30	Pass
NVNT	n40	2452	Ant2	10.79	0	10.79	30	Pass
NVNT	n40	2452	Sum	14.74	0	14.74	30	Pass

-6dB Bandwidth

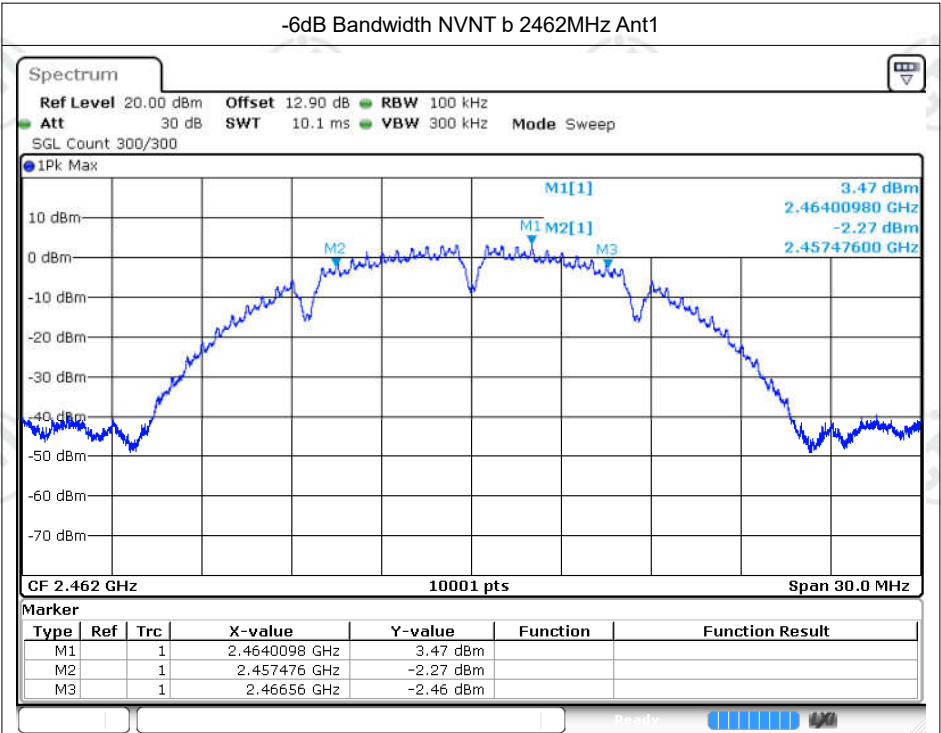
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.017	0.5	Pass
NVNT	b	2437	Ant1	10.02	0.5	Pass
NVNT	b	2462	Ant1	9.084	0.5	Pass
NVNT	b	2412	Ant2	9.561	0.5	Pass
NVNT	b	2437	Ant2	9.555	0.5	Pass
NVNT	b	2462	Ant2	9.564	0.5	Pass
NVNT	g	2412	Ant1	15.093	0.5	Pass
NVNT	g	2437	Ant1	15.093	0.5	Pass
NVNT	g	2462	Ant1	15.09	0.5	Pass
NVNT	g	2412	Ant2	15.081	0.5	Pass
NVNT	g	2437	Ant2	15.057	0.5	Pass
NVNT	g	2462	Ant2	15.057	0.5	Pass
NVNT	n20	2412	Ant1	15.081	0.5	Pass
NVNT	n20	2437	Ant1	15.105	0.5	Pass
NVNT	n20	2462	Ant1	15.102	0.5	Pass
NVNT	n20	2412	Ant2	15.039	0.5	Pass
NVNT	n20	2437	Ant2	15.012	0.5	Pass
NVNT	n20	2462	Ant2	15.108	0.5	Pass
NVNT	n40	2422	Ant1	35.04	0.5	Pass
NVNT	n40	2437	Ant1	33.804	0.5	Pass
NVNT	n40	2452	Ant1	35.052	0.5	Pass
NVNT	n40	2422	Ant2	35.028	0.5	Pass
NVNT	n40	2437	Ant2	35.046	0.5	Pass
NVNT	n40	2452	Ant2	35.022	0.5	Pass



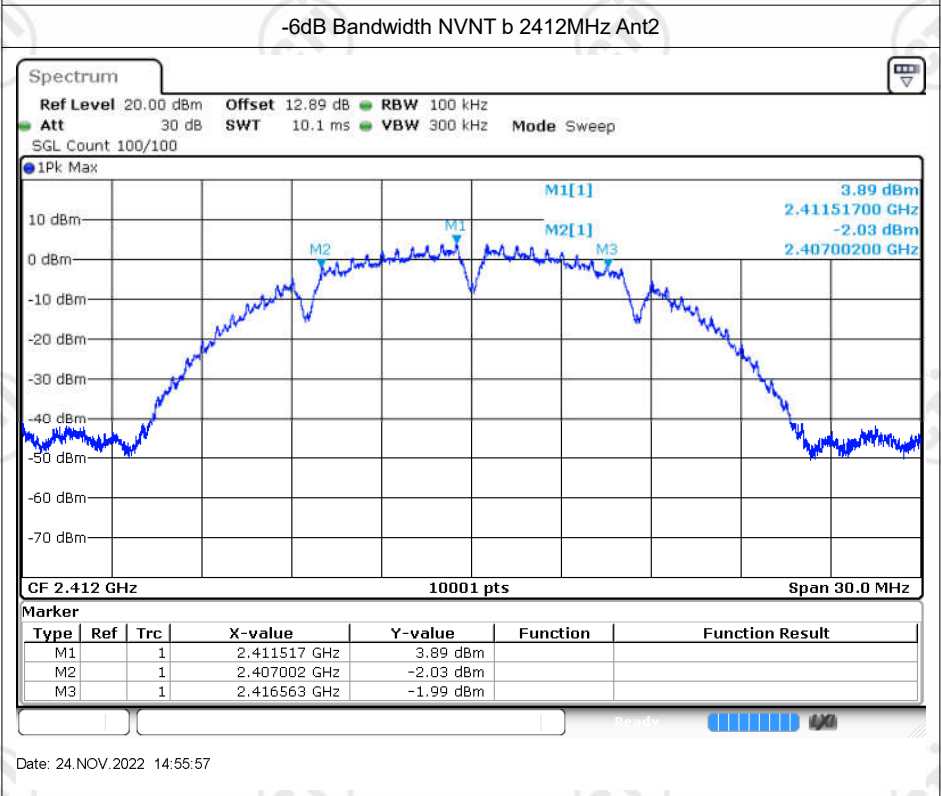
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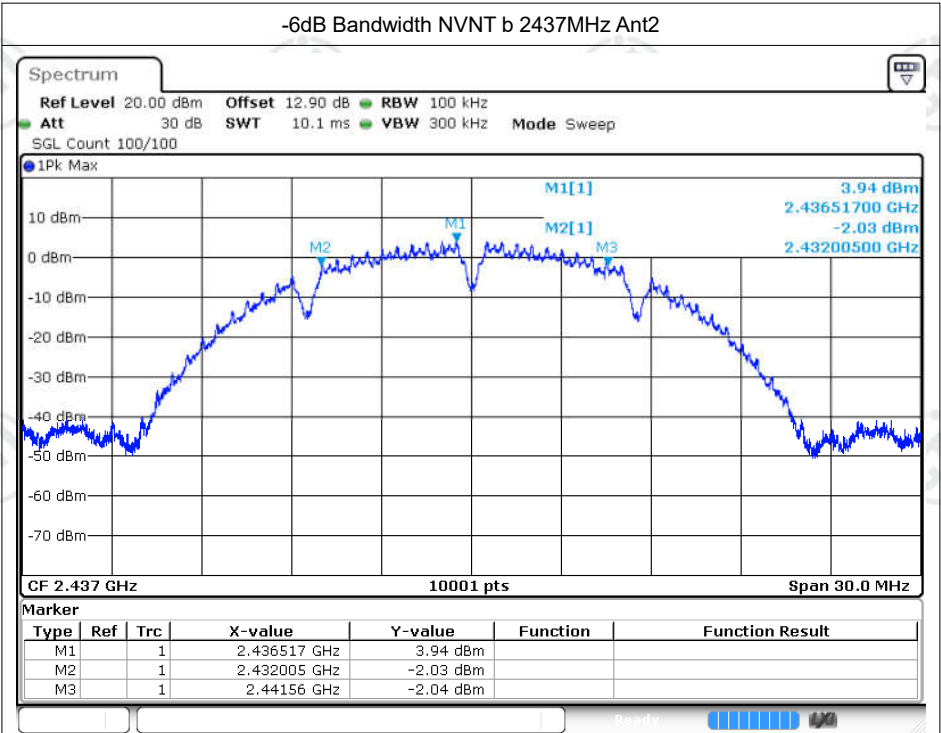
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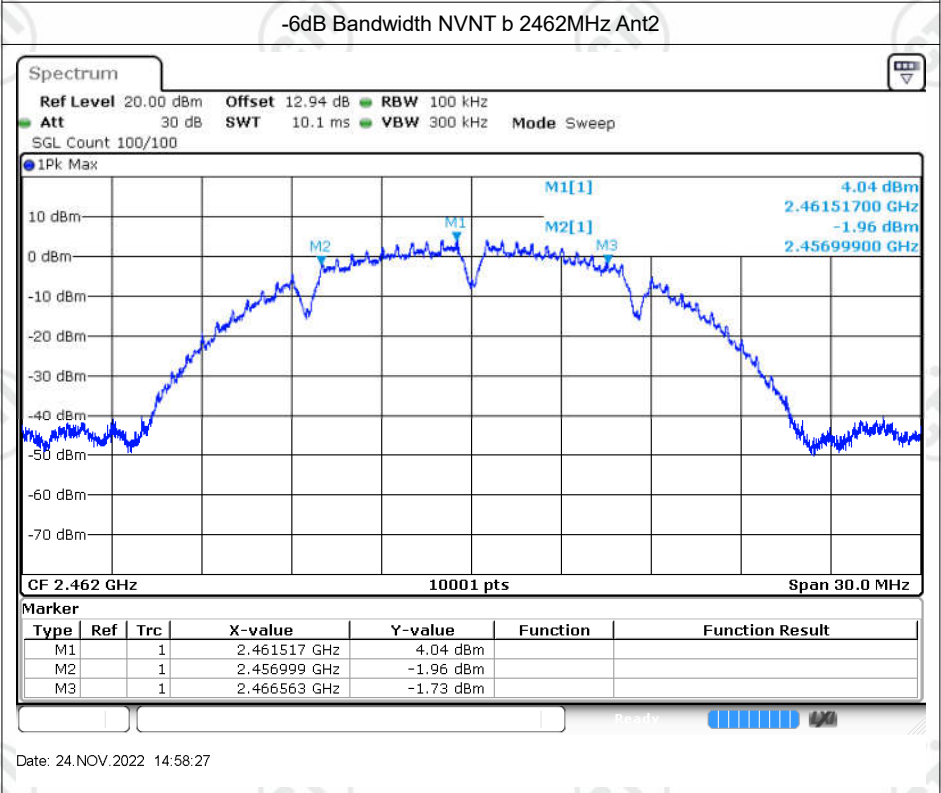
Date: 24.NOV.2022 14:21:56



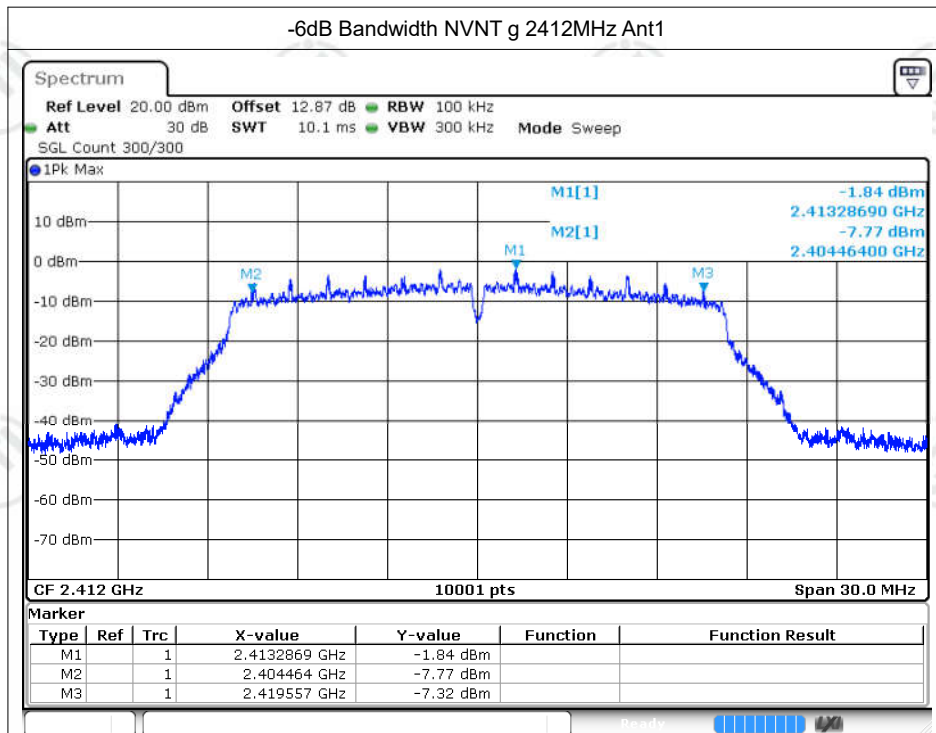
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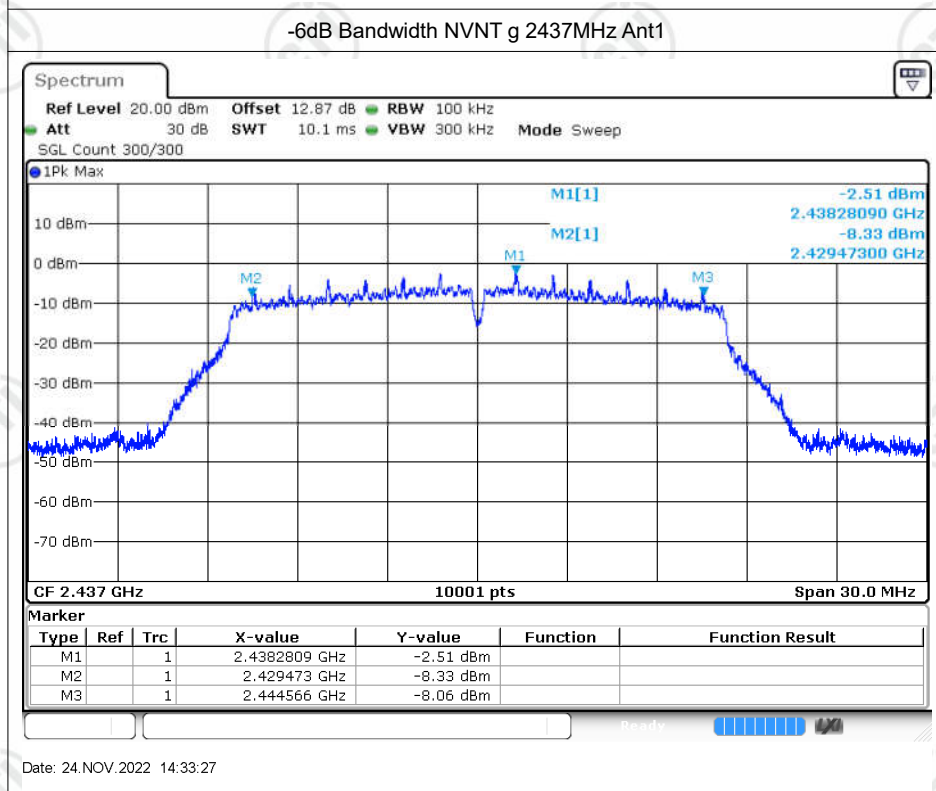
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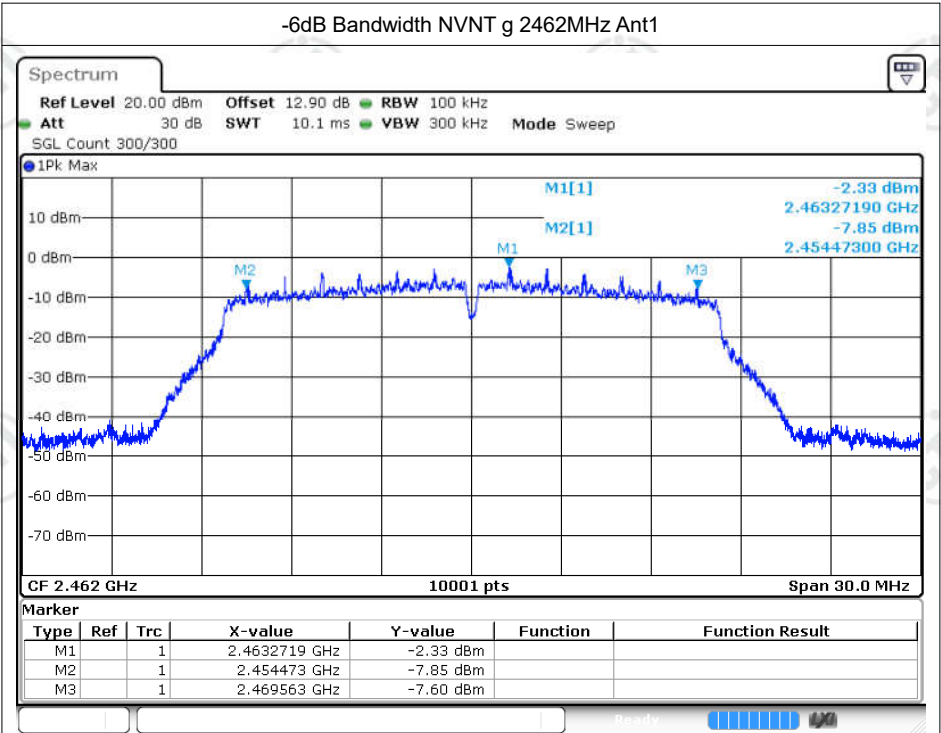
Date: 24.NOV.2022 14:58:27



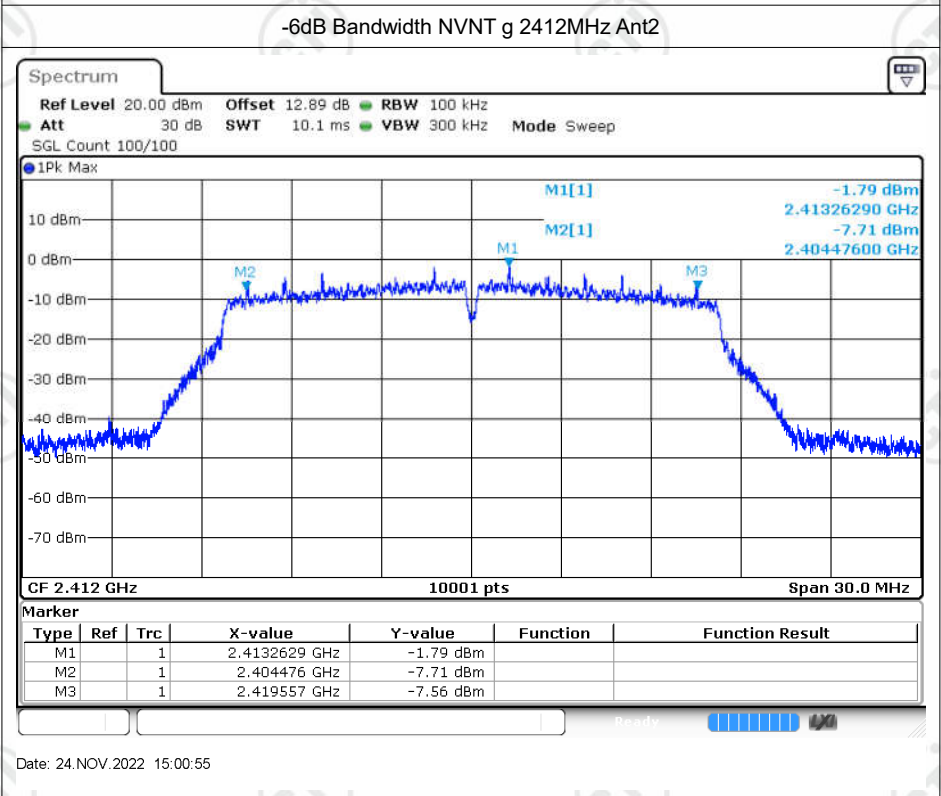
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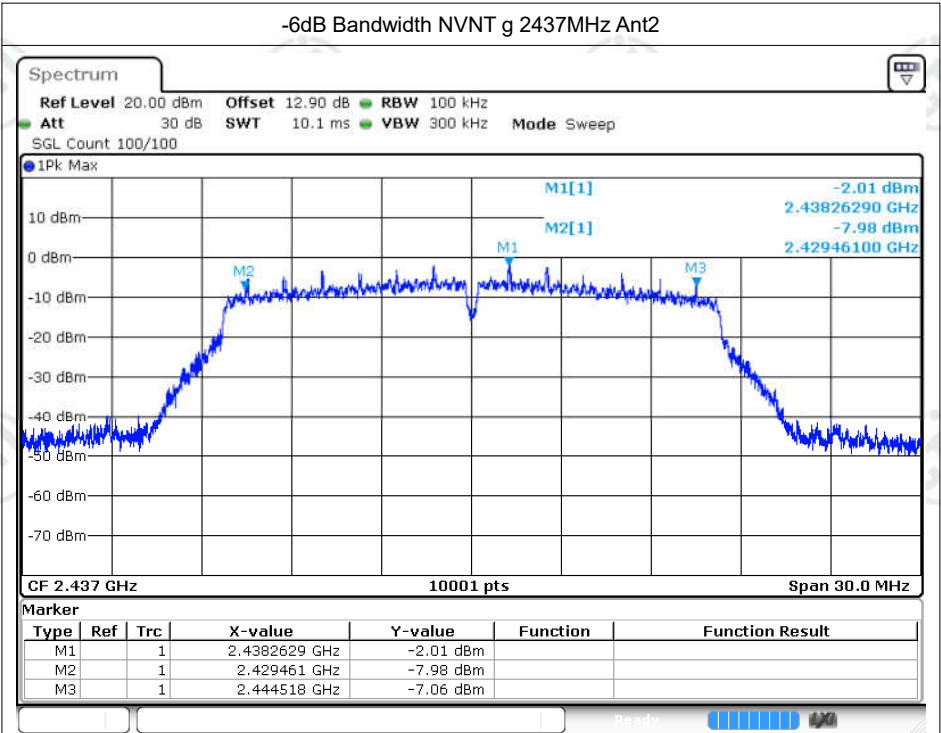
Date: 24.NOV.2022 14:33:27



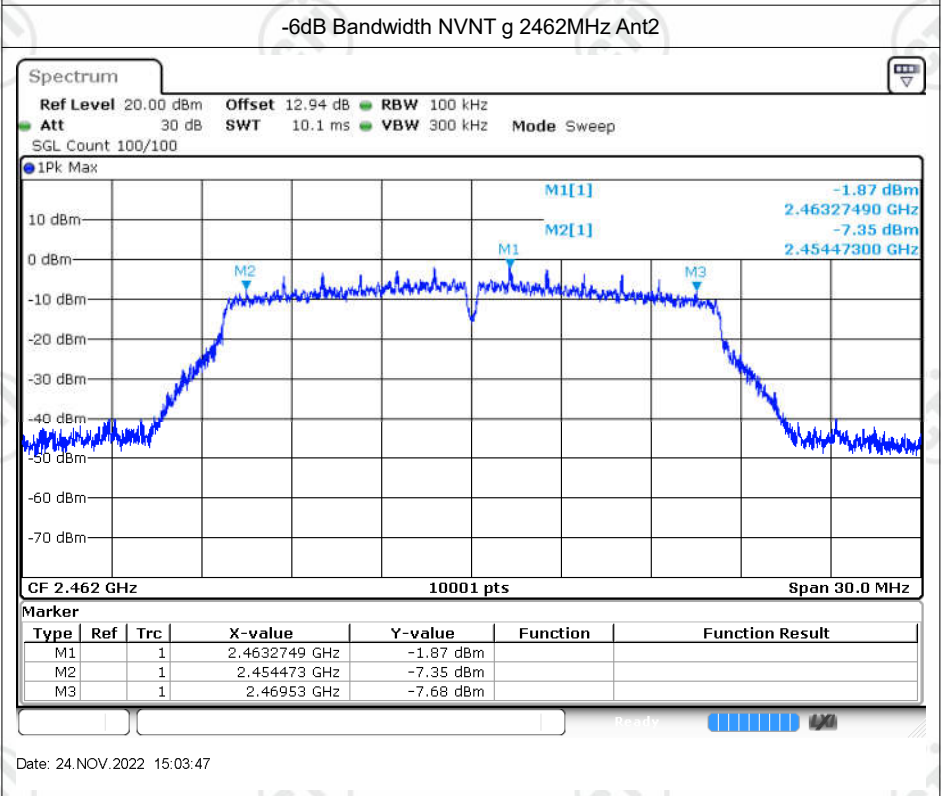
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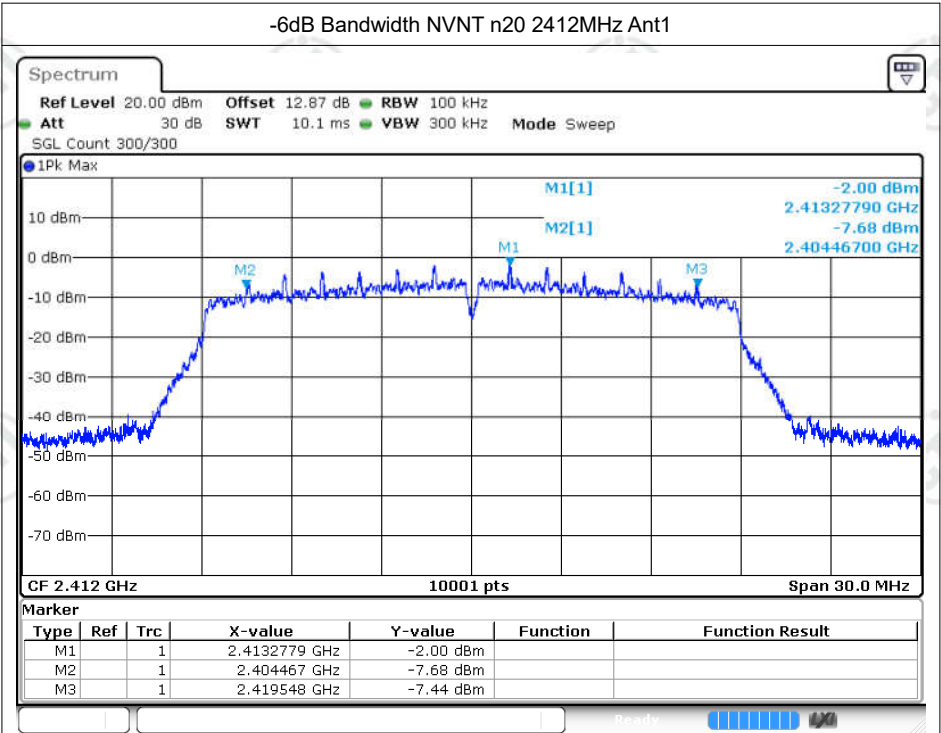
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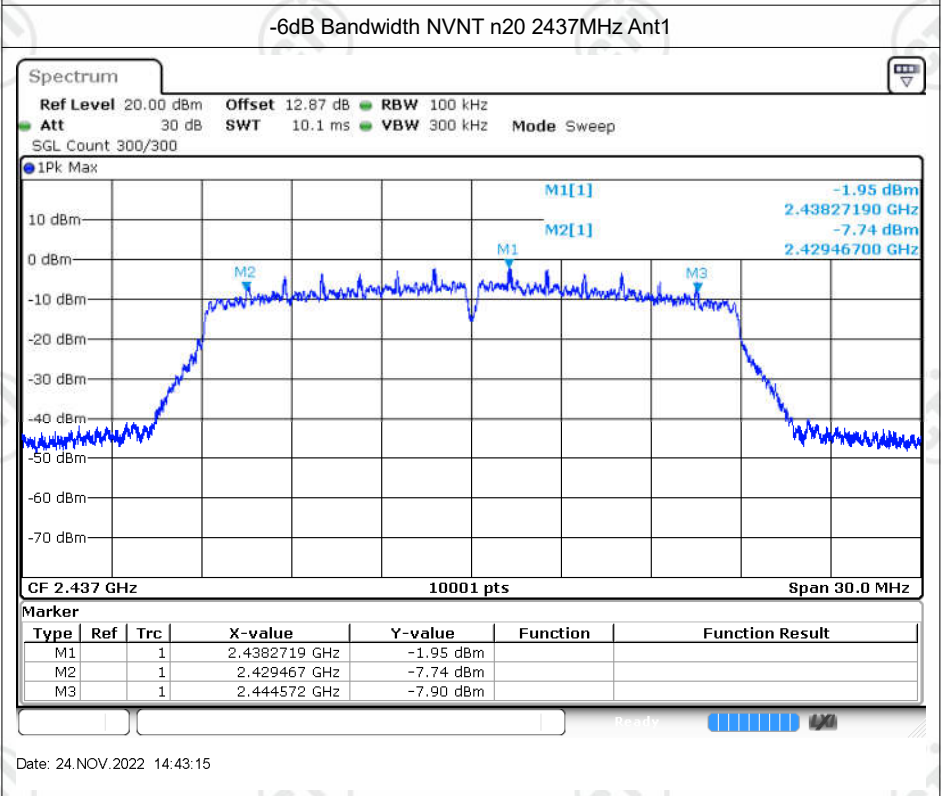
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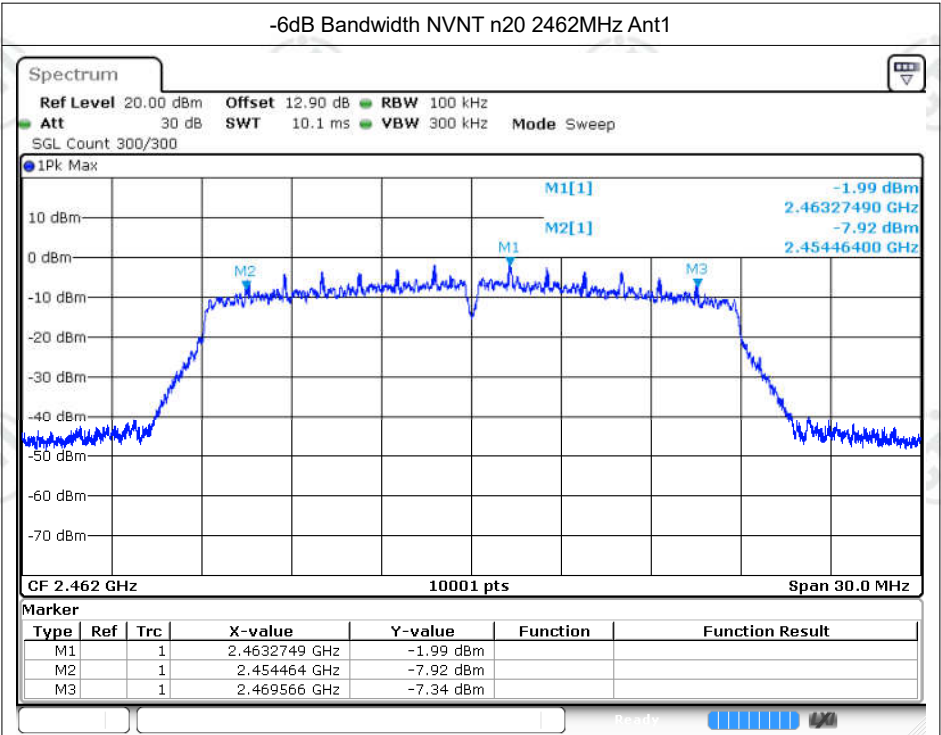
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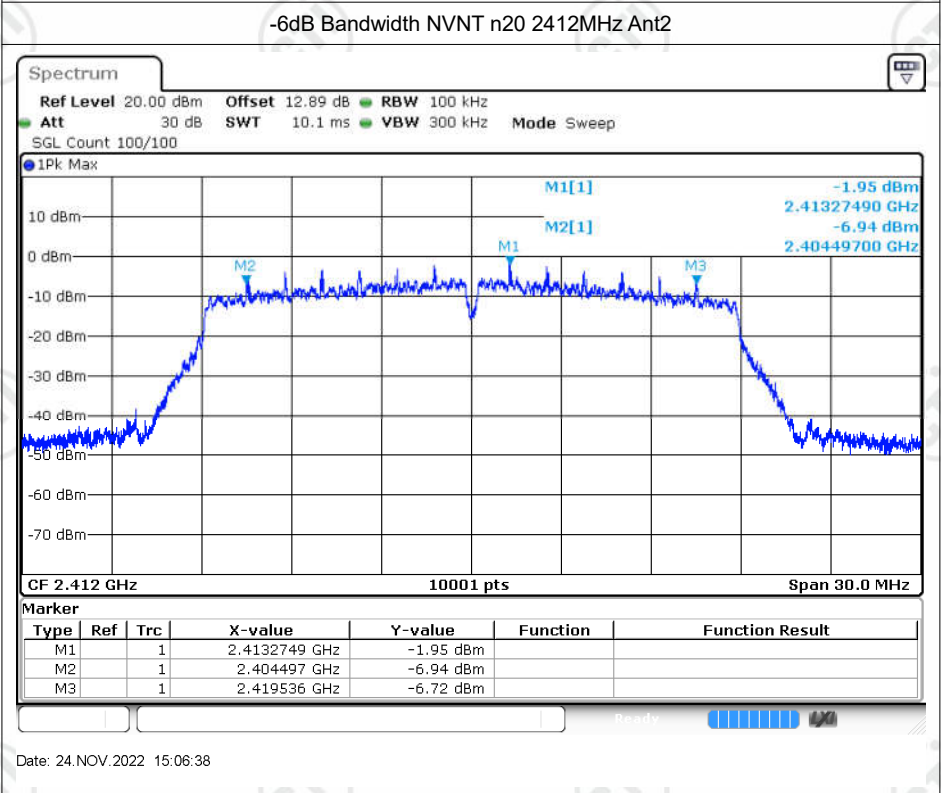
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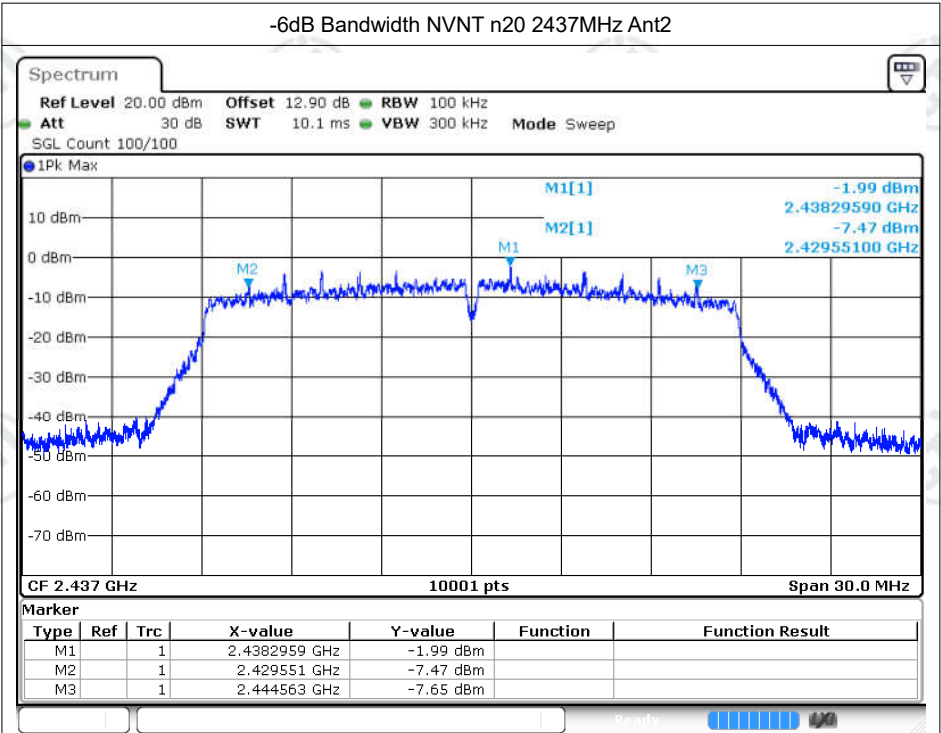
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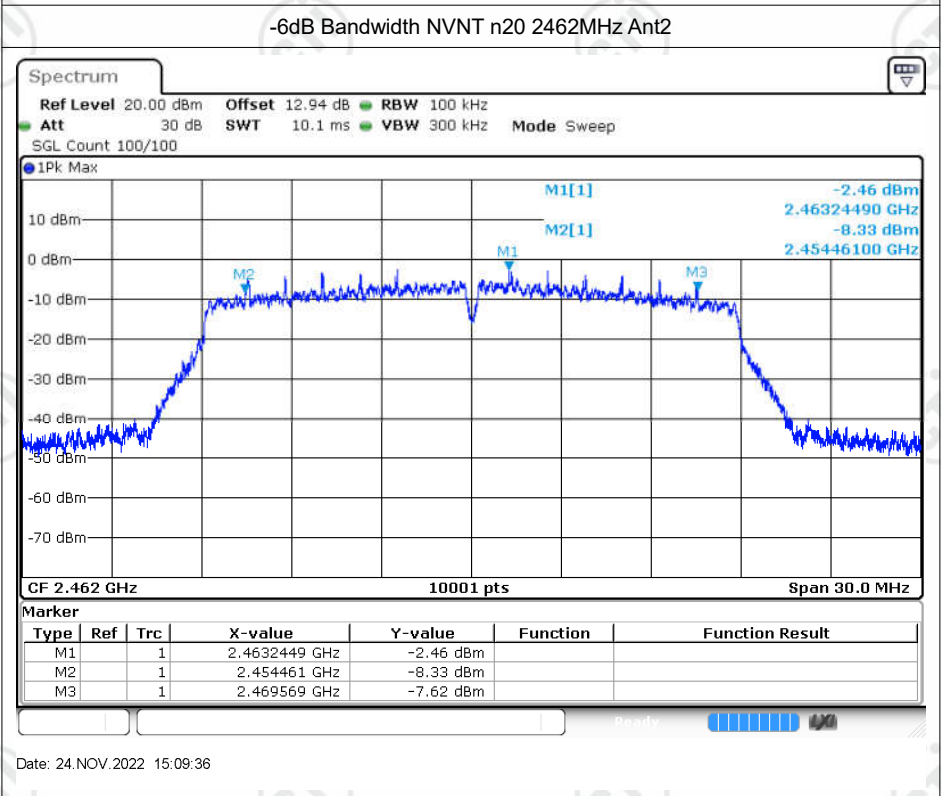
Date: 24.NOV.2022 14:45:13



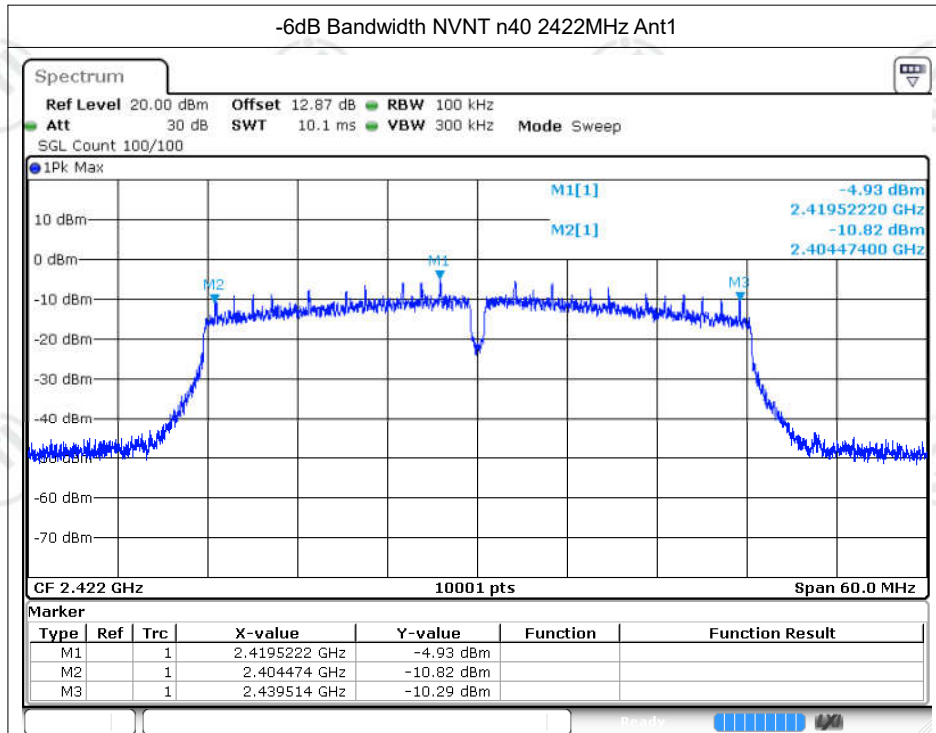
Date: 24.NOV.2022 15:06:38



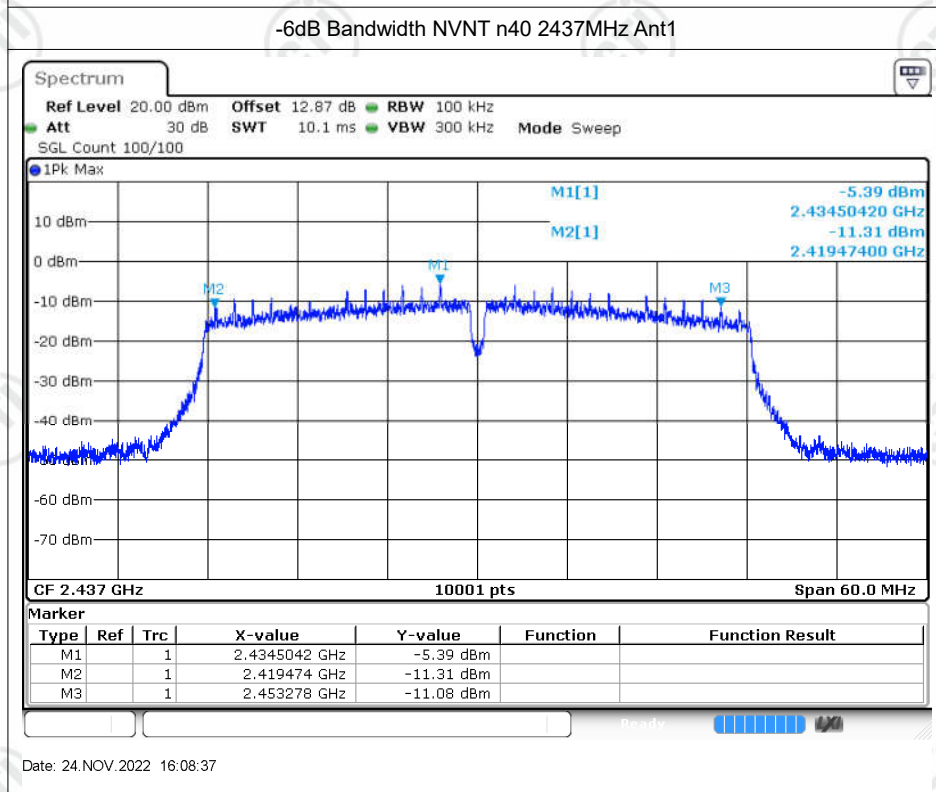
Date: 24.NOV.2022 15:08:05



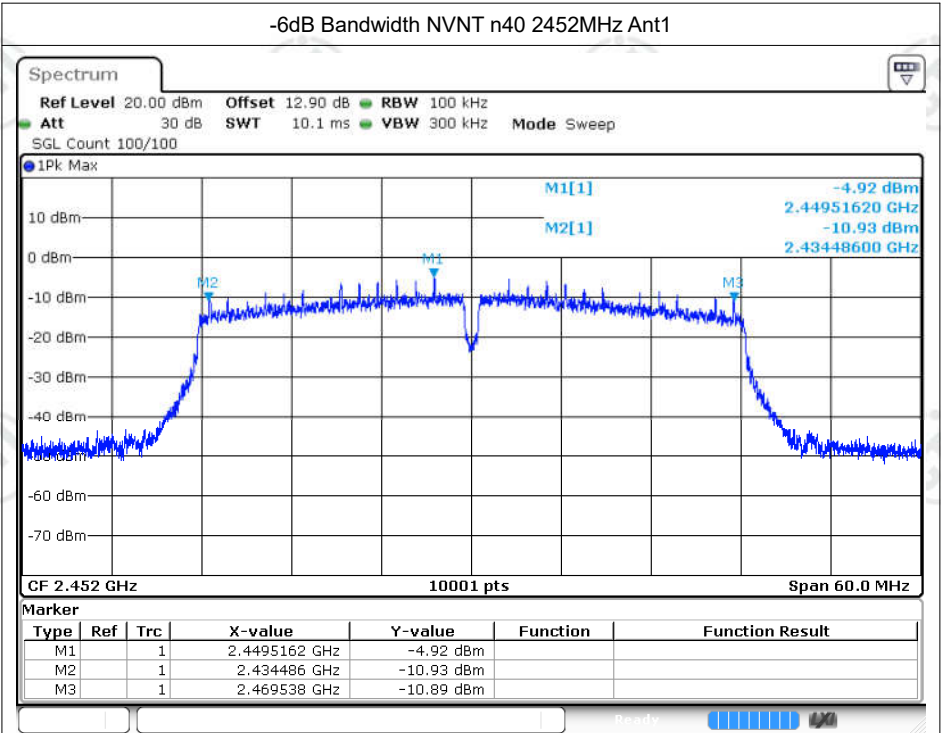
Date: 24.NOV.2022 15:09:36



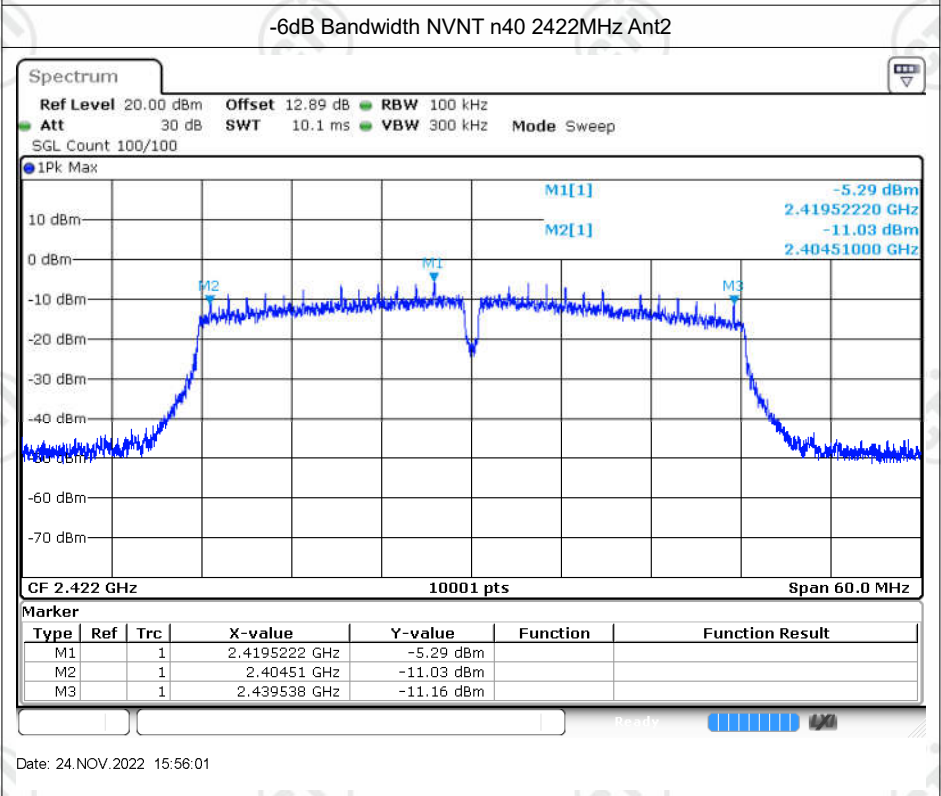
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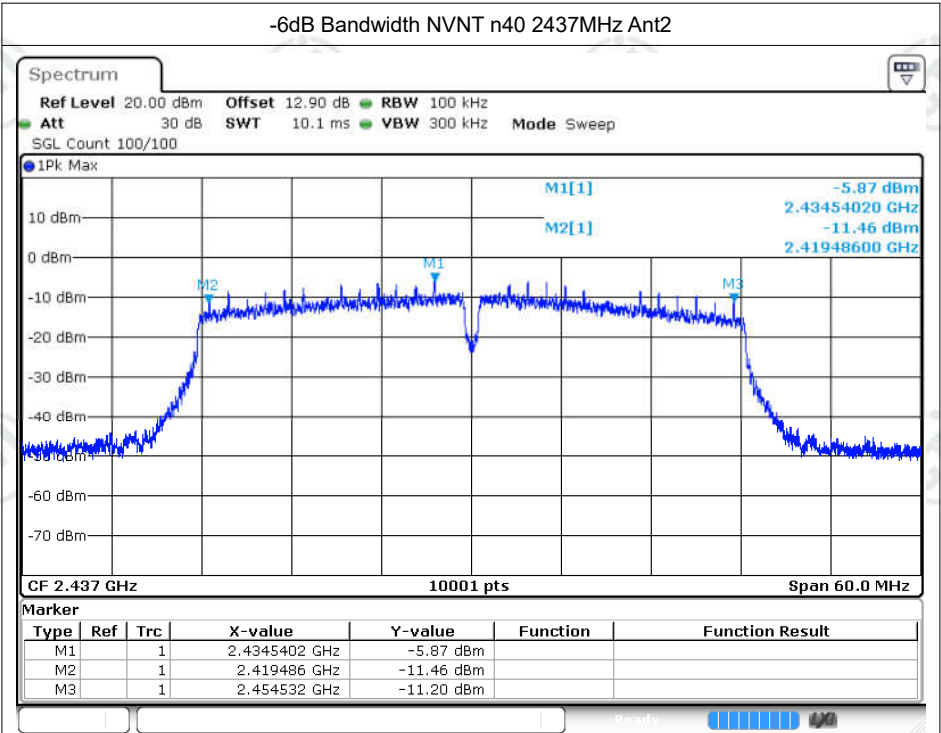
Date: 24.NOV.2022 16:08:37



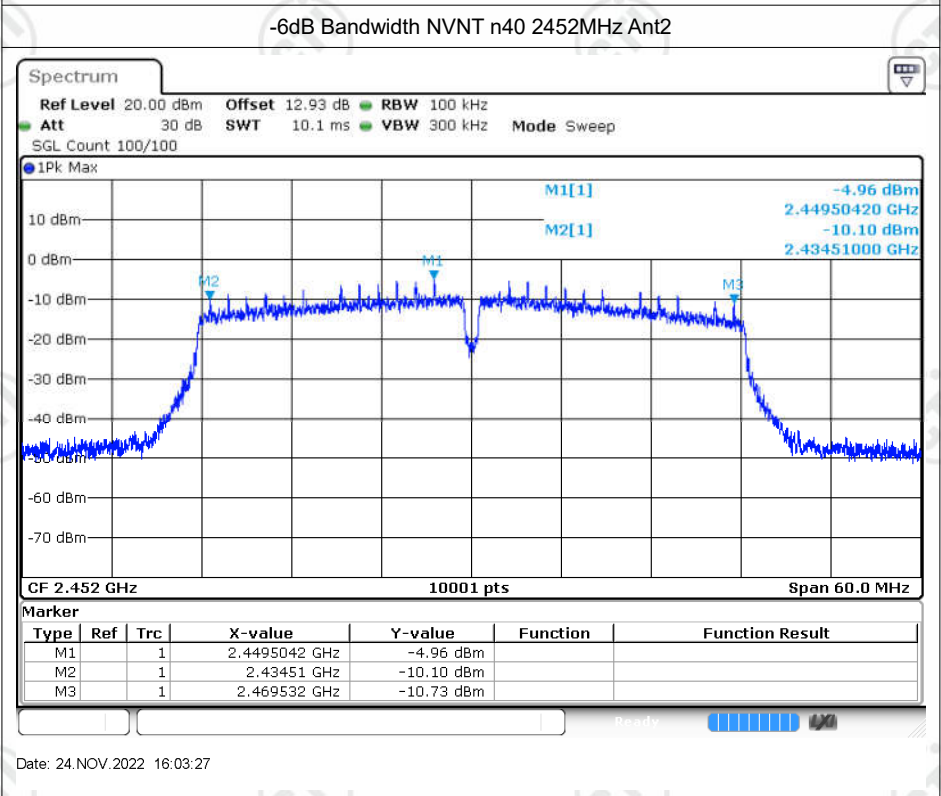
Date: 24.NOV.2022 16:10:58



Date: 24.NOV.2022 15:56:01



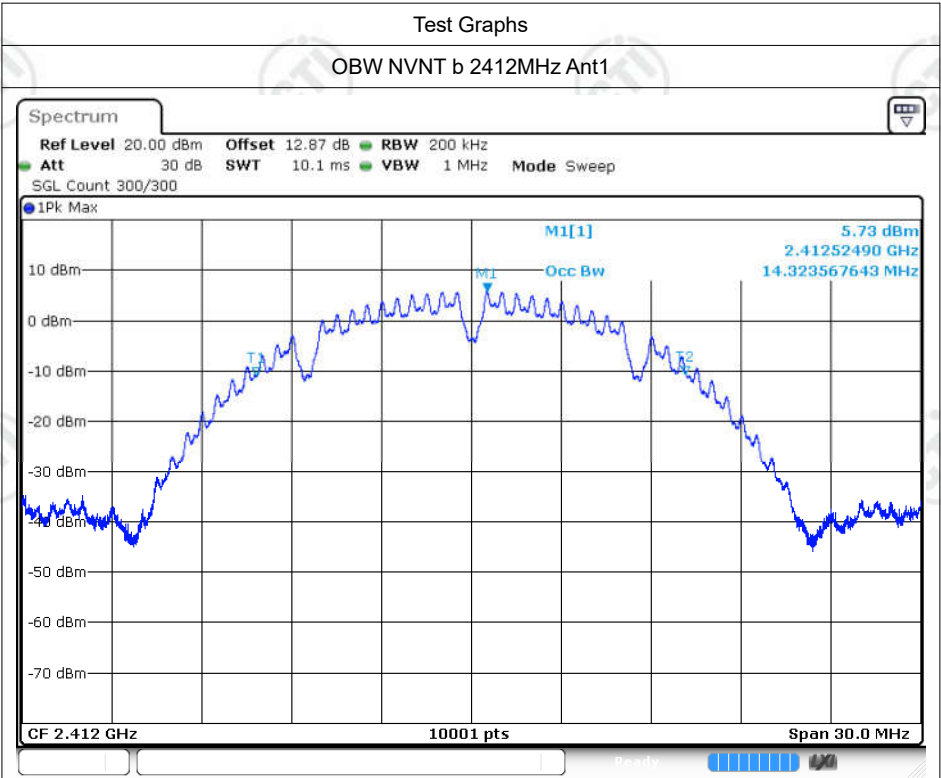
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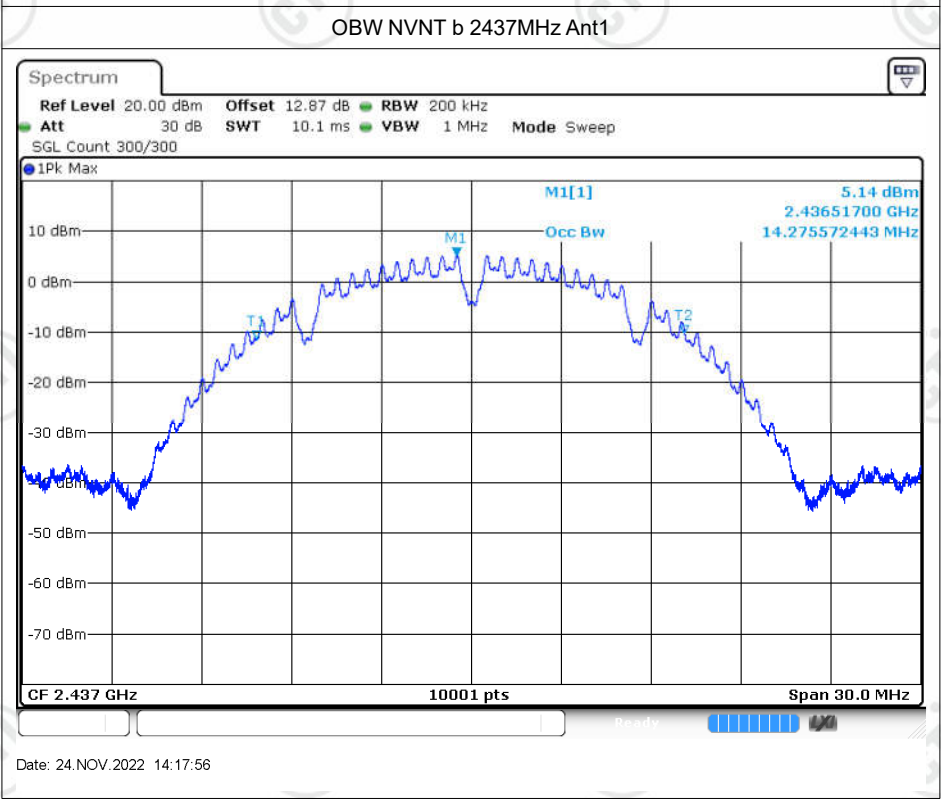
Date: 24.NOV.2022 16:03:27

Occupied Channel Bandwidth

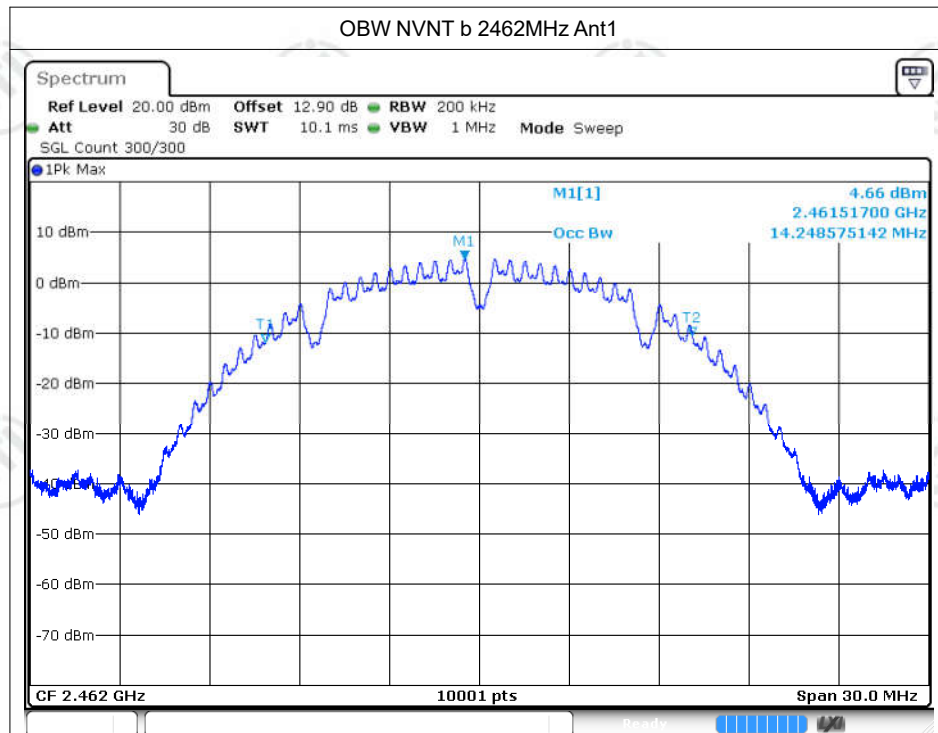
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	14.324
NVNT	b	2437	Ant1	14.276
NVNT	b	2462	Ant1	14.249
NVNT	b	2412	Ant2	14.192
NVNT	b	2437	Ant2	14.228
NVNT	b	2462	Ant2	14.222
NVNT	g	2412	Ant1	16.438
NVNT	g	2437	Ant1	16.438
NVNT	g	2462	Ant1	16.441
NVNT	g	2412	Ant2	16.411
NVNT	g	2437	Ant2	16.408
NVNT	g	2462	Ant2	16.417
NVNT	n20	2412	Ant1	17.5
NVNT	n20	2437	Ant1	17.497
NVNT	n20	2462	Ant1	17.494
NVNT	n20	2412	Ant2	17.503
NVNT	n20	2437	Ant2	17.512
NVNT	n20	2462	Ant2	17.509
NVNT	n40	2422	Ant1	35.918
NVNT	n40	2437	Ant1	35.924
NVNT	n40	2452	Ant1	35.918
NVNT	n40	2422	Ant2	35.9
NVNT	n40	2437	Ant2	35.894
NVNT	n40	2452	Ant2	35.9



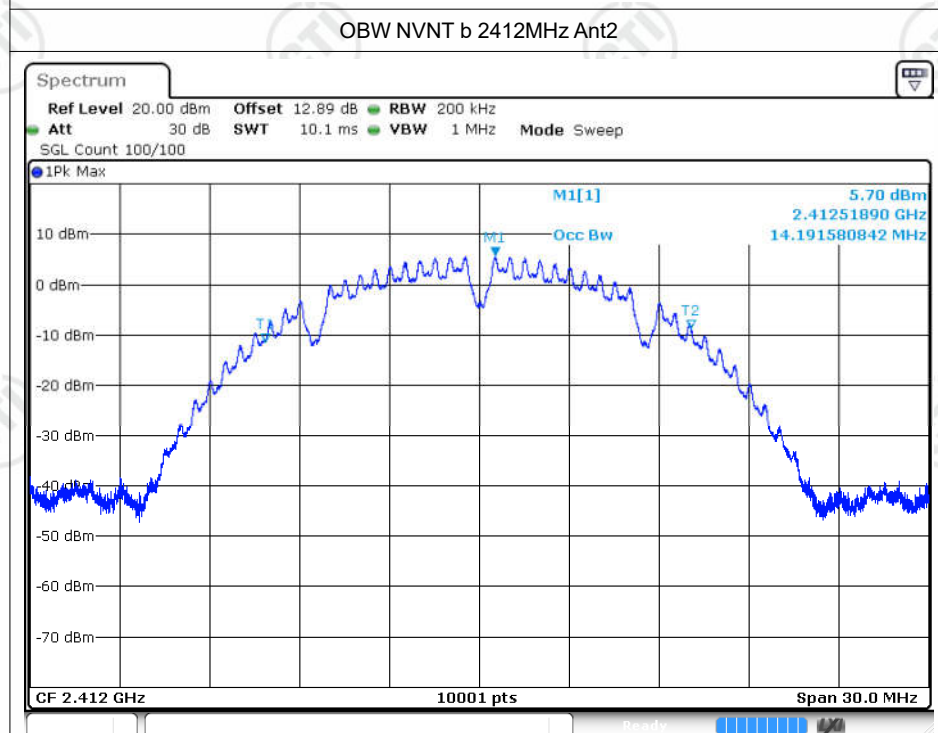
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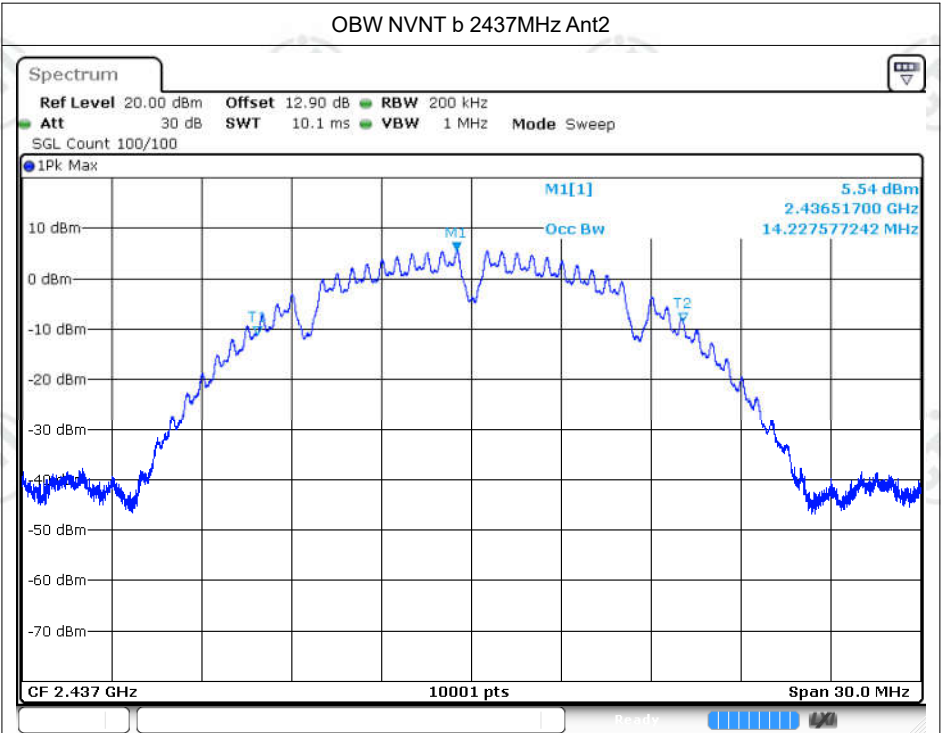
Date: 24.NOV.2022 14:17:56



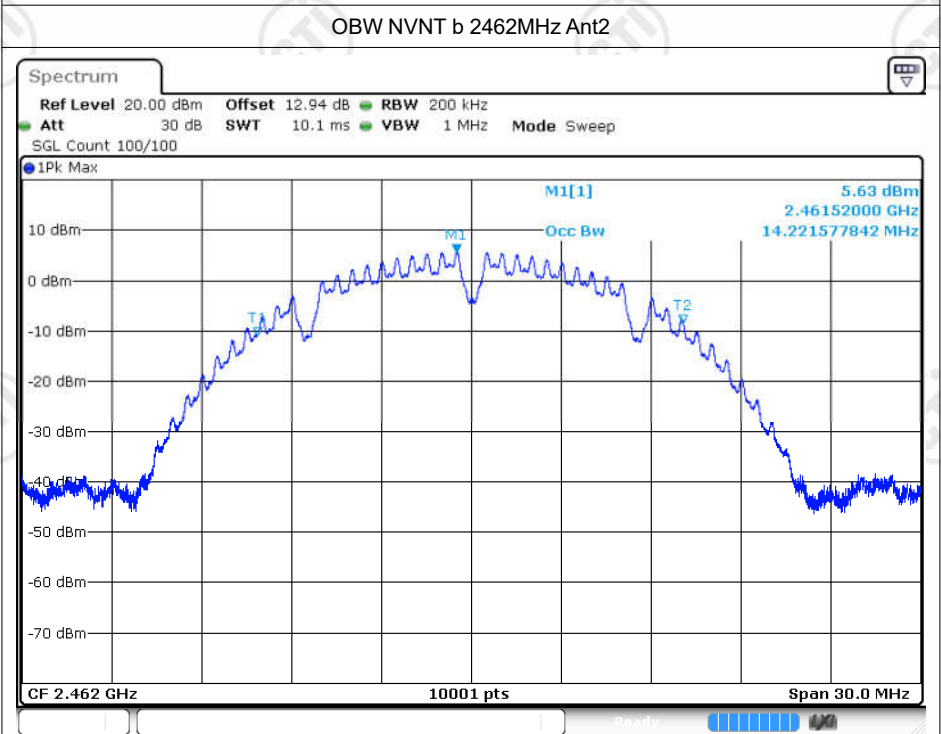
Date: 24.NOV.2022 14:21:44



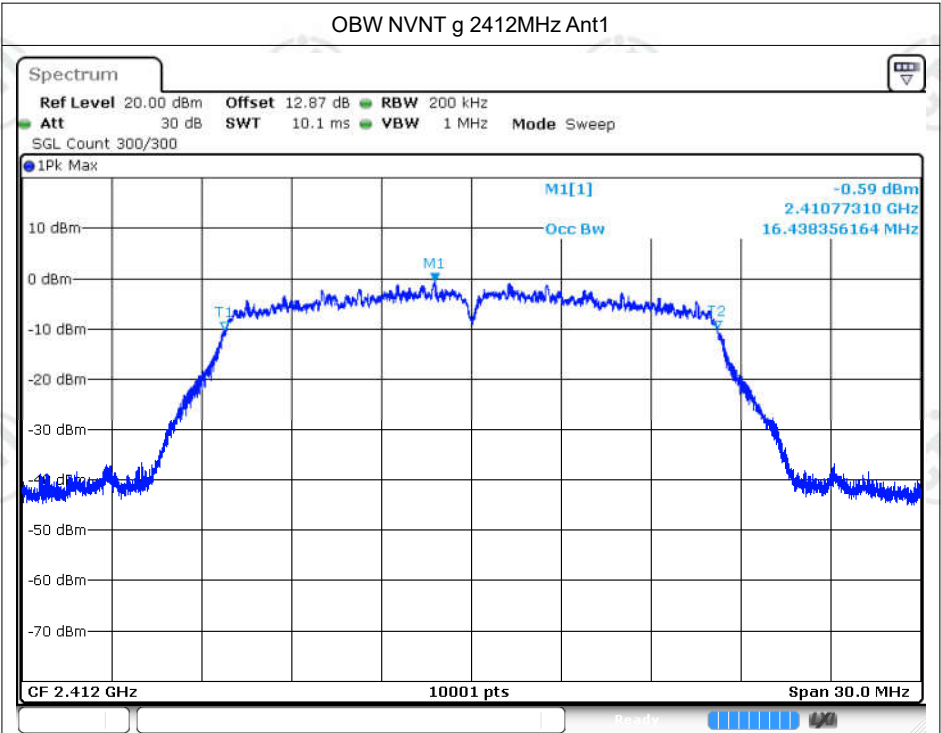
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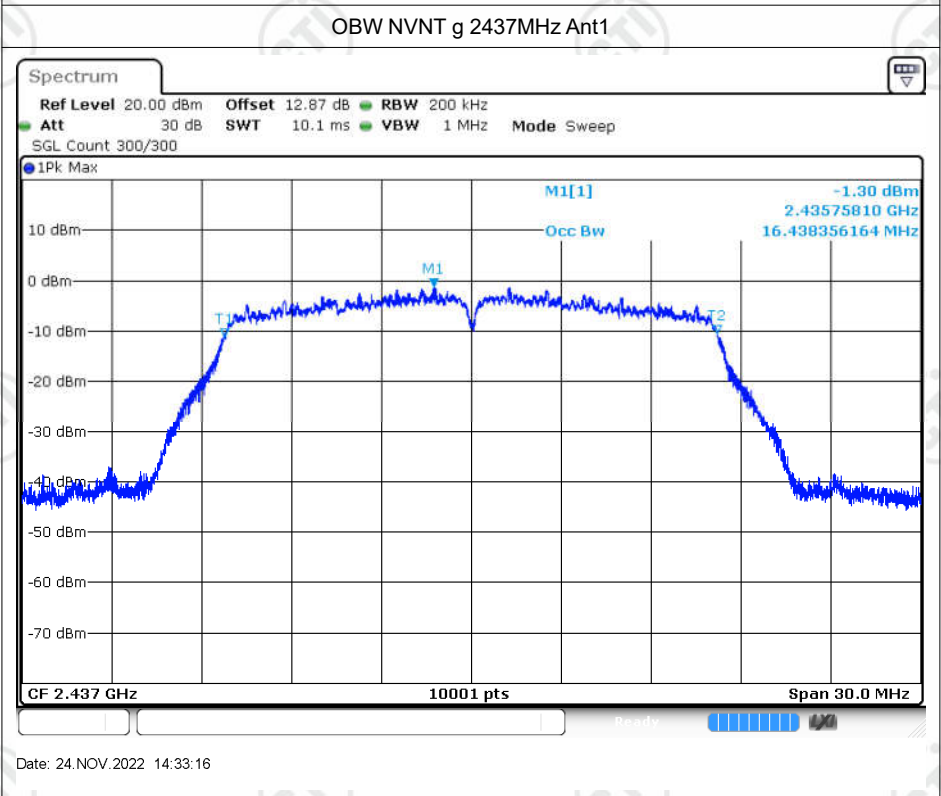
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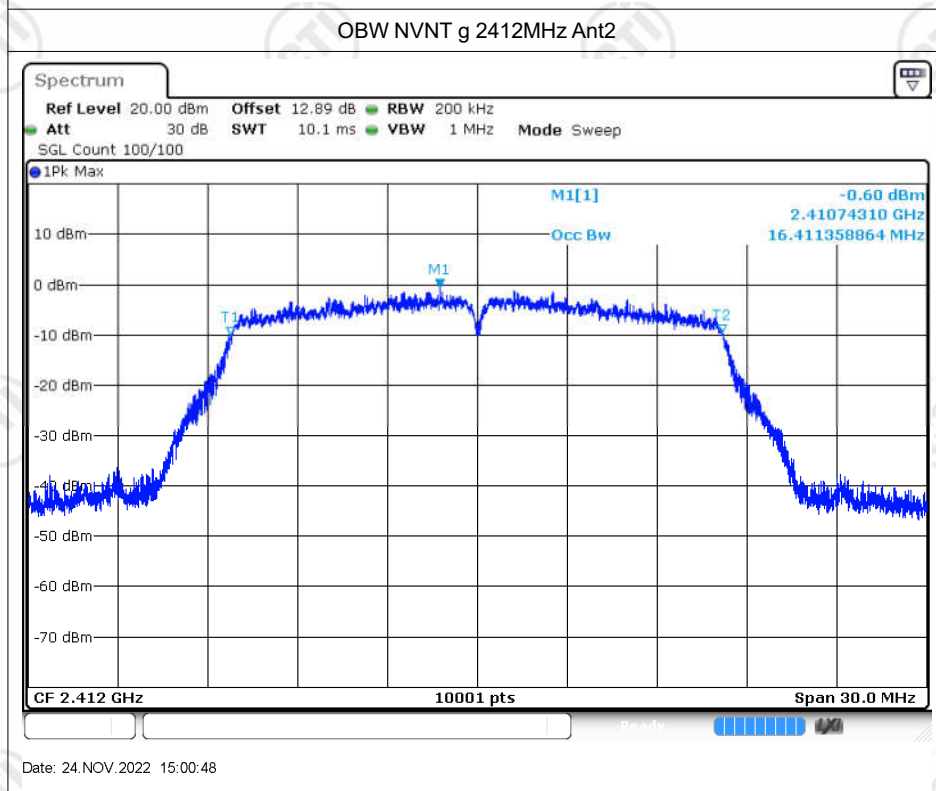
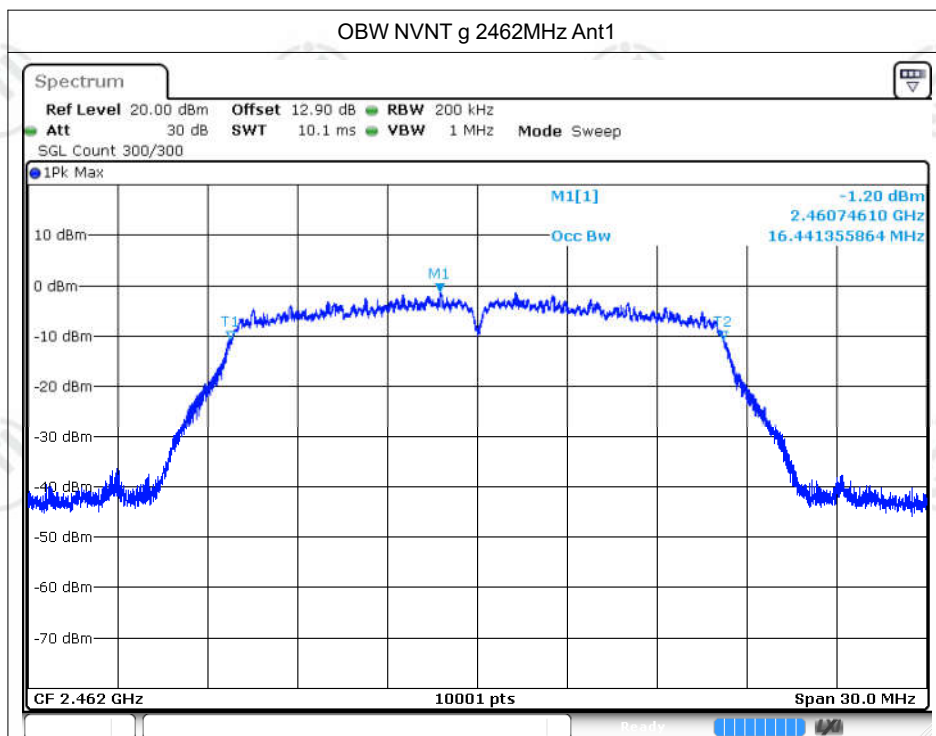
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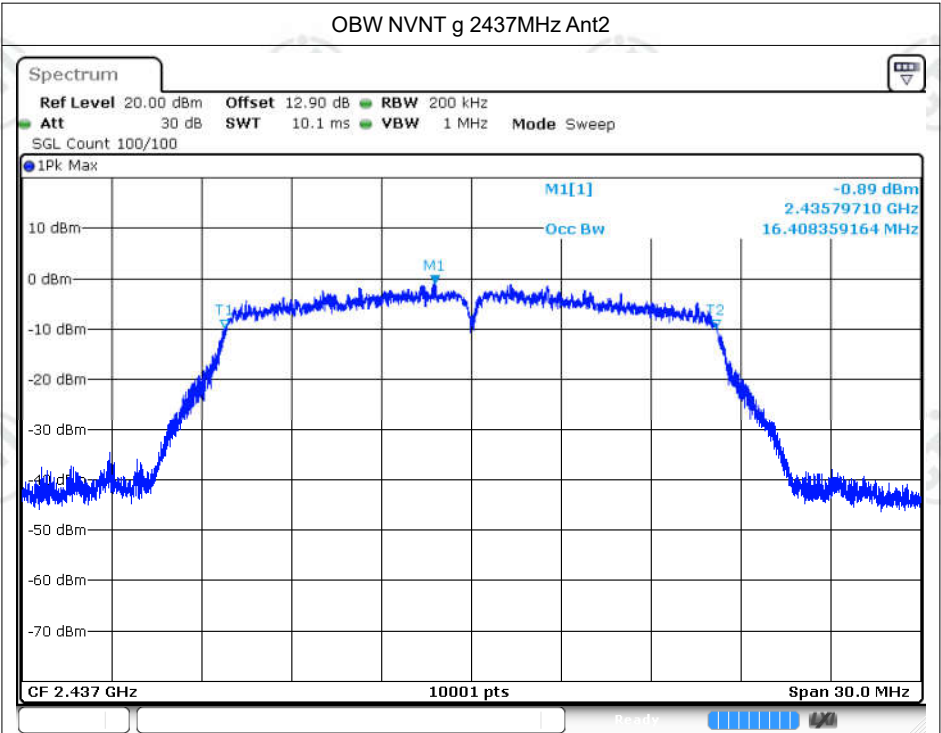


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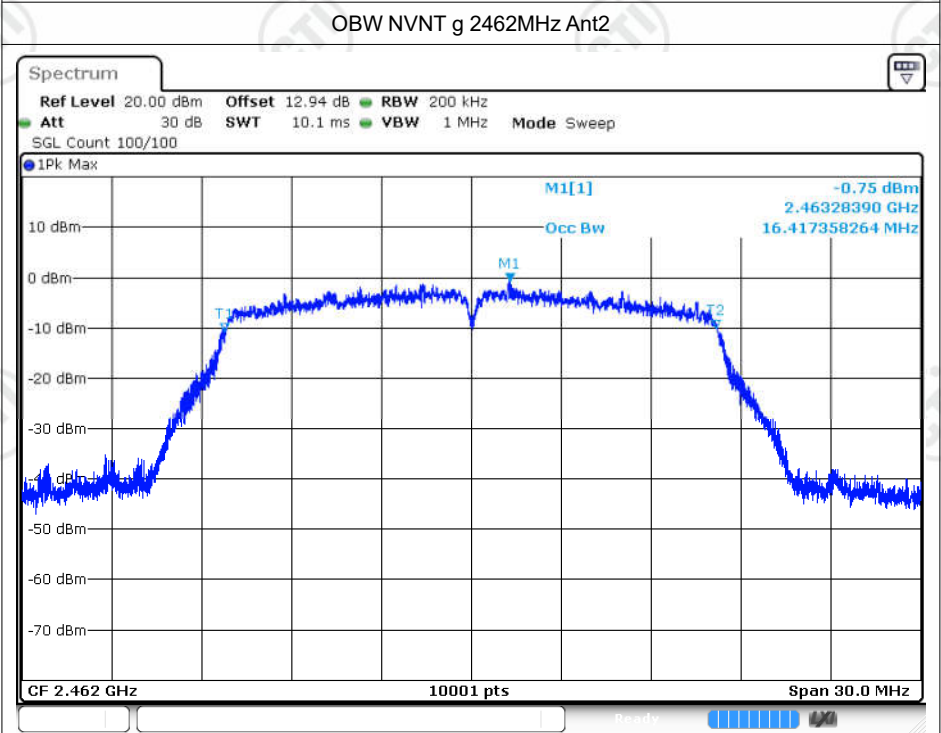


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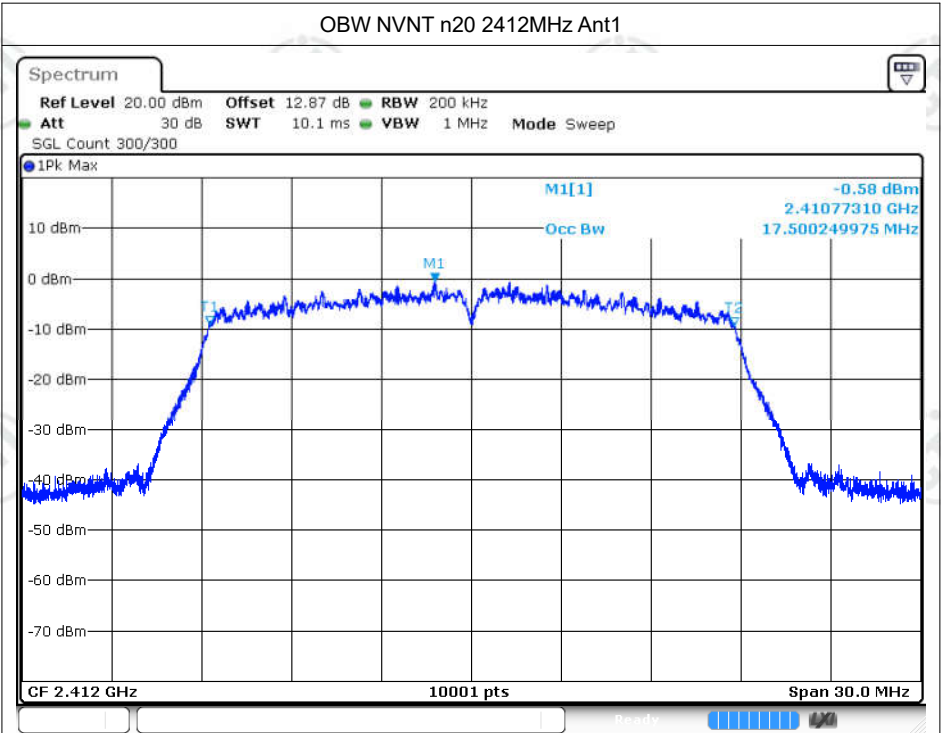




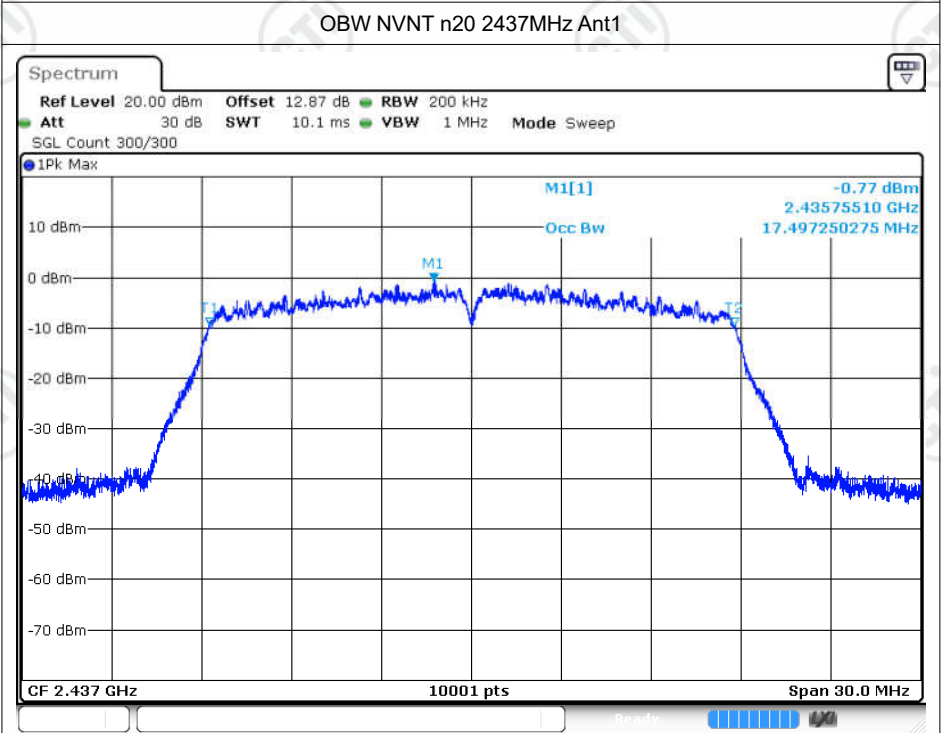
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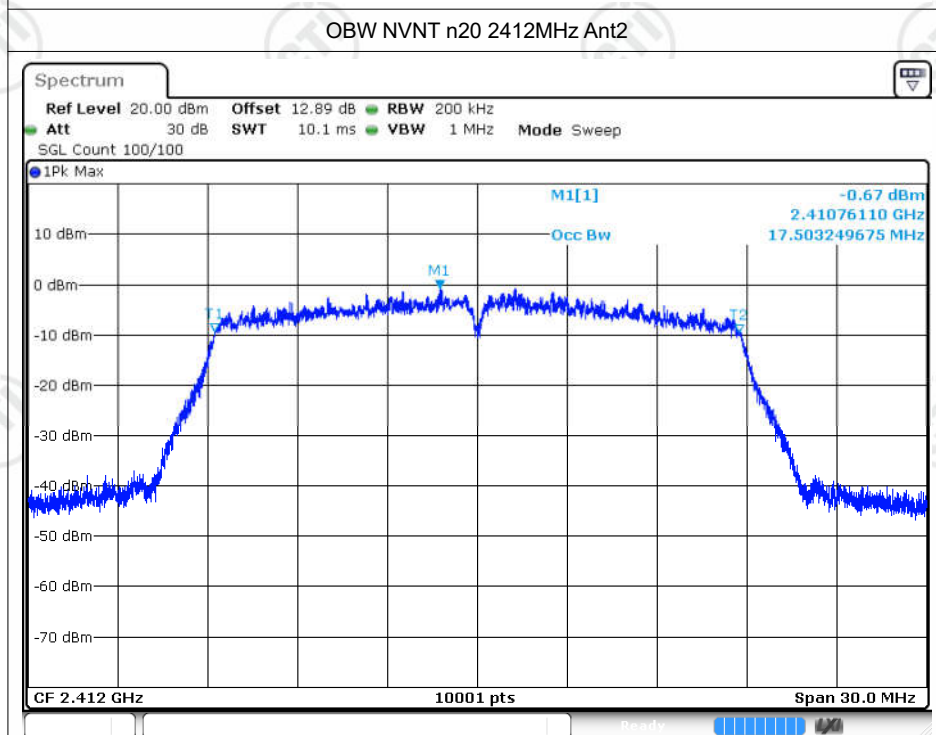
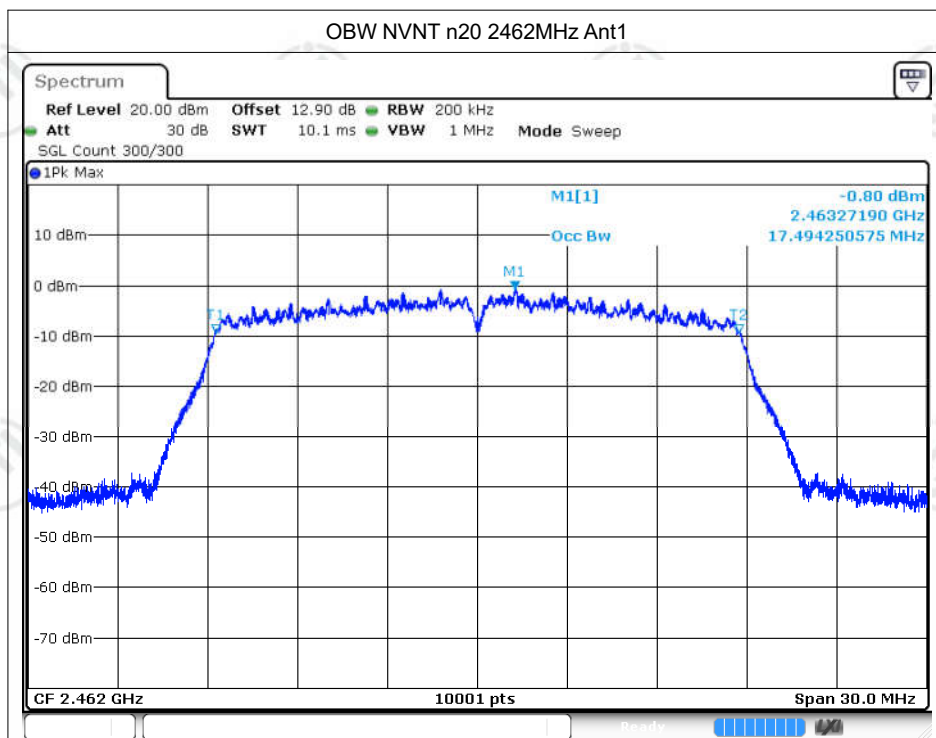
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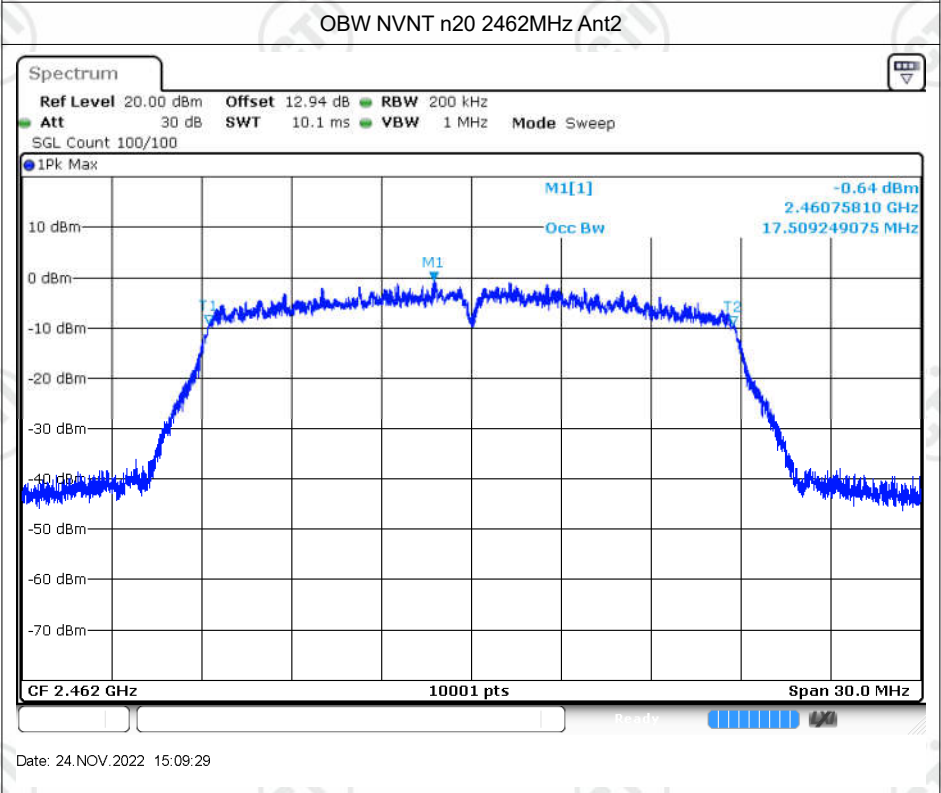
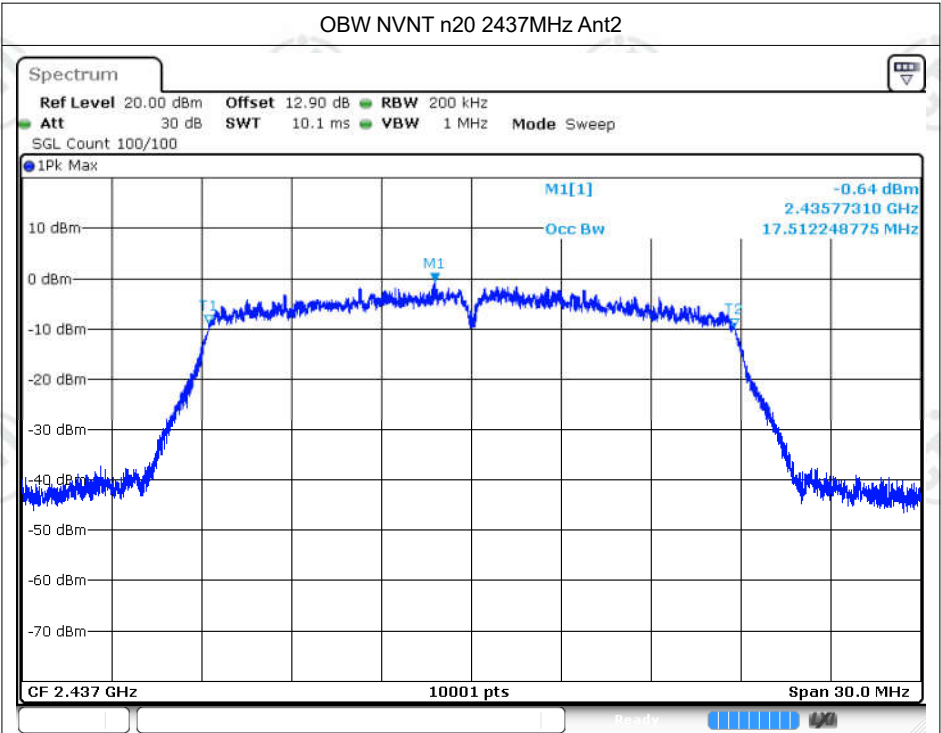


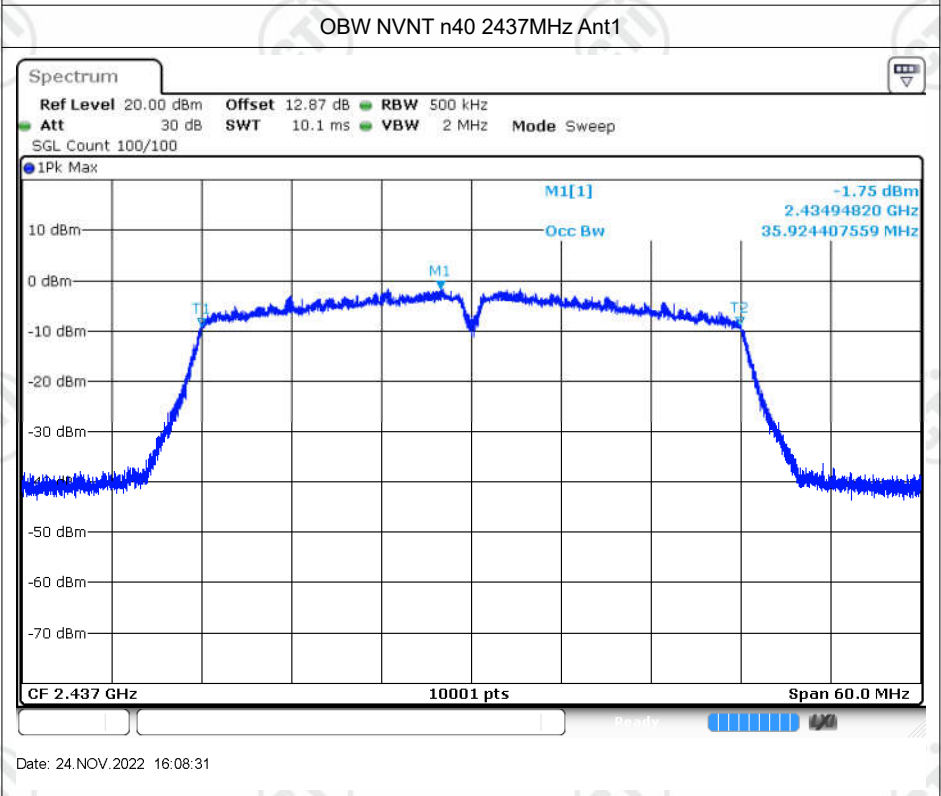
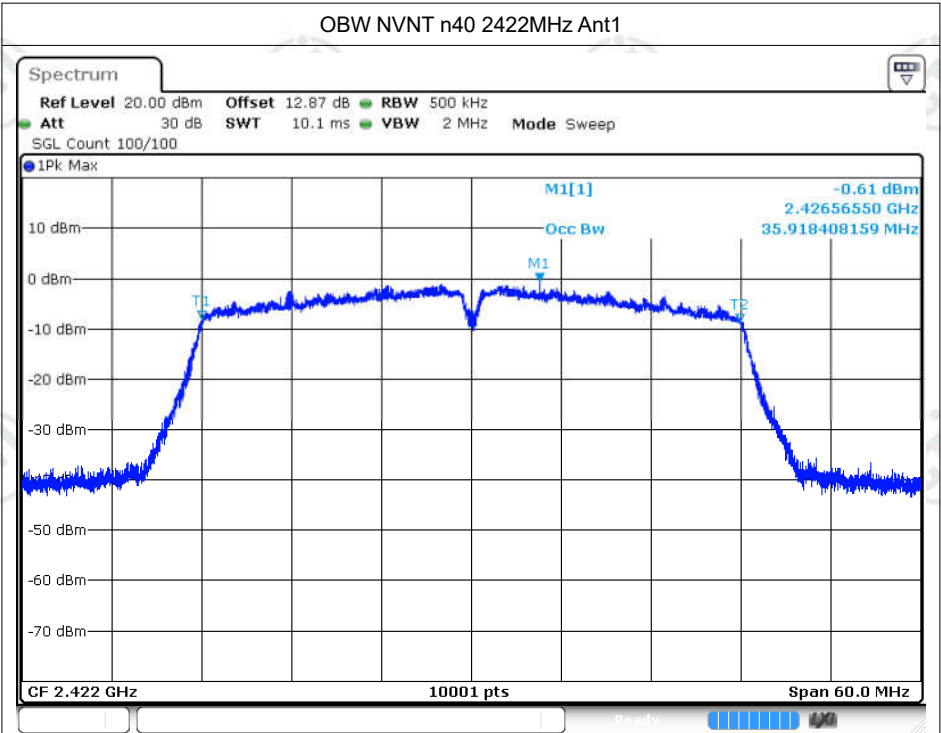
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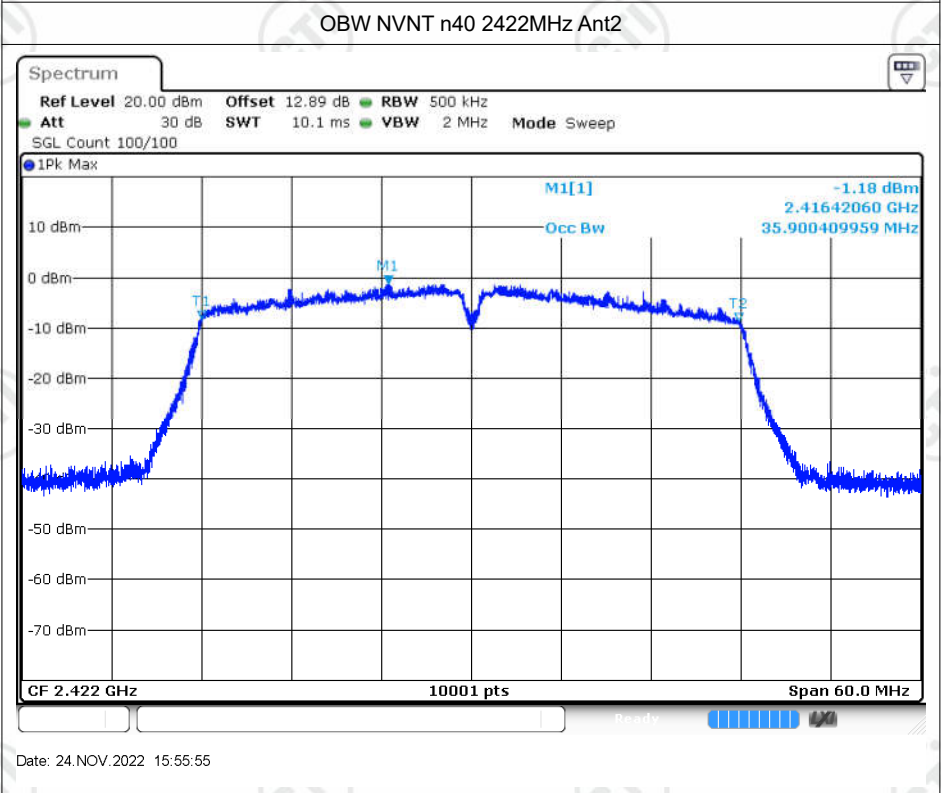
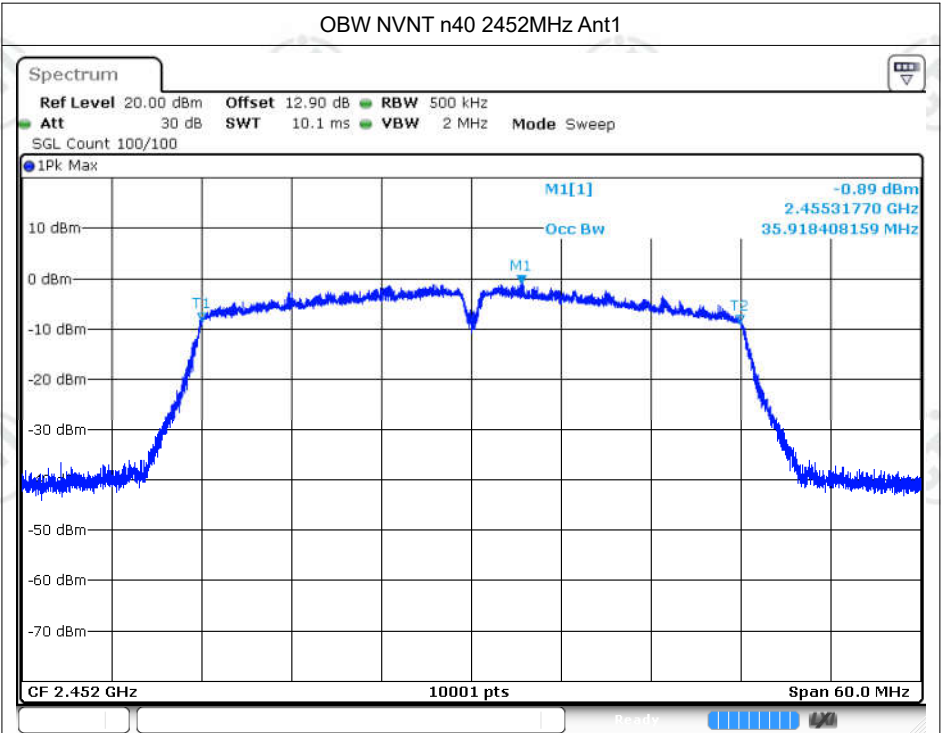


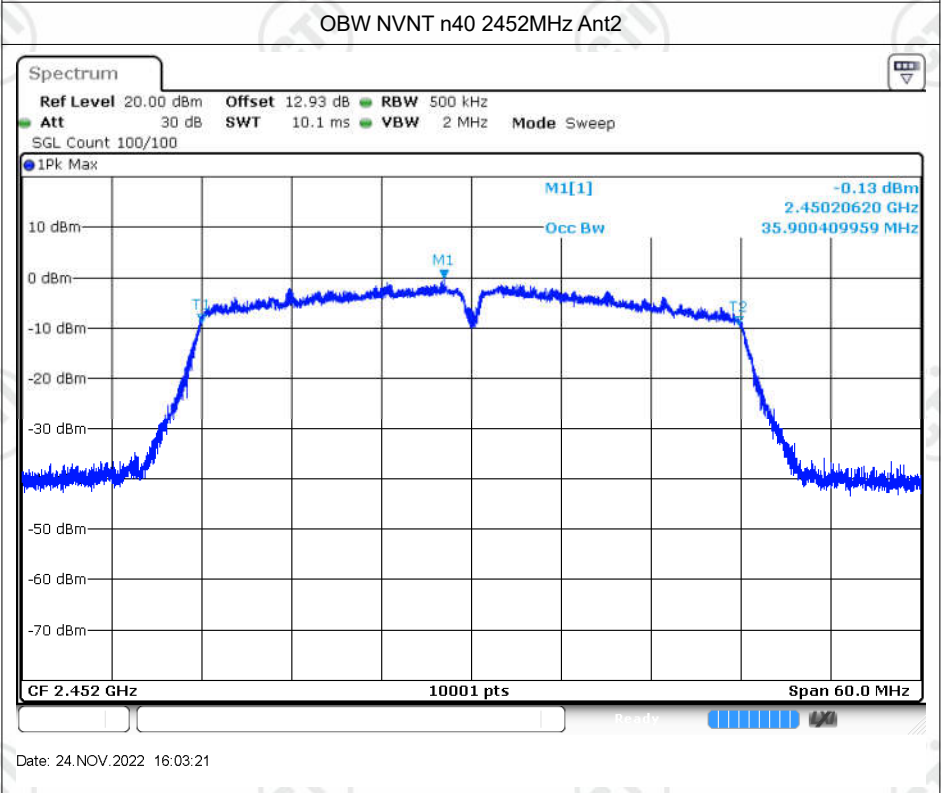
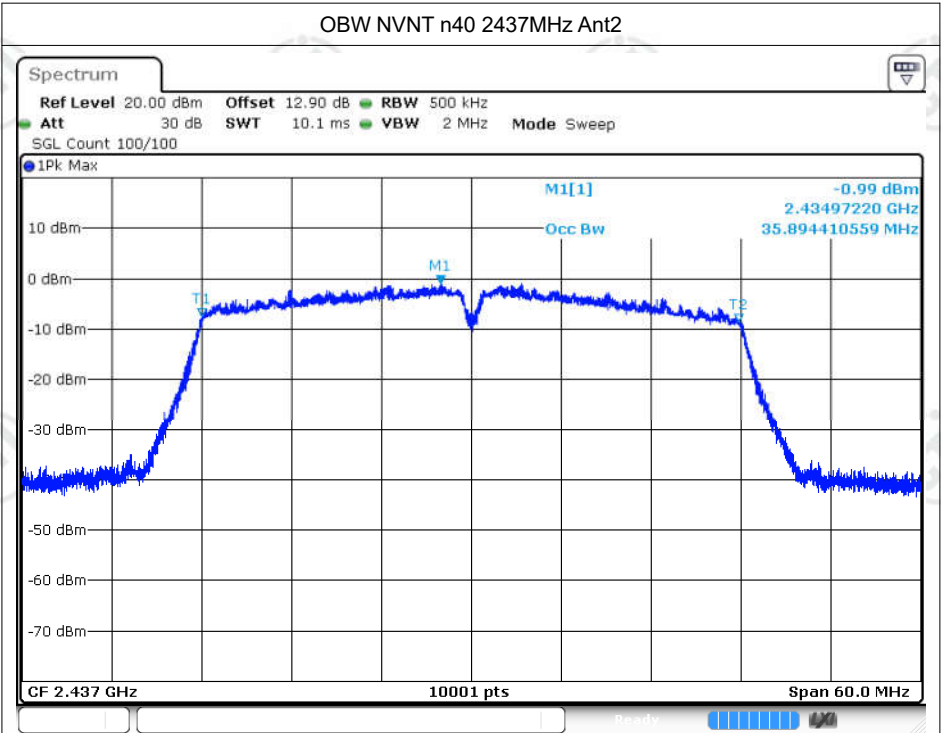
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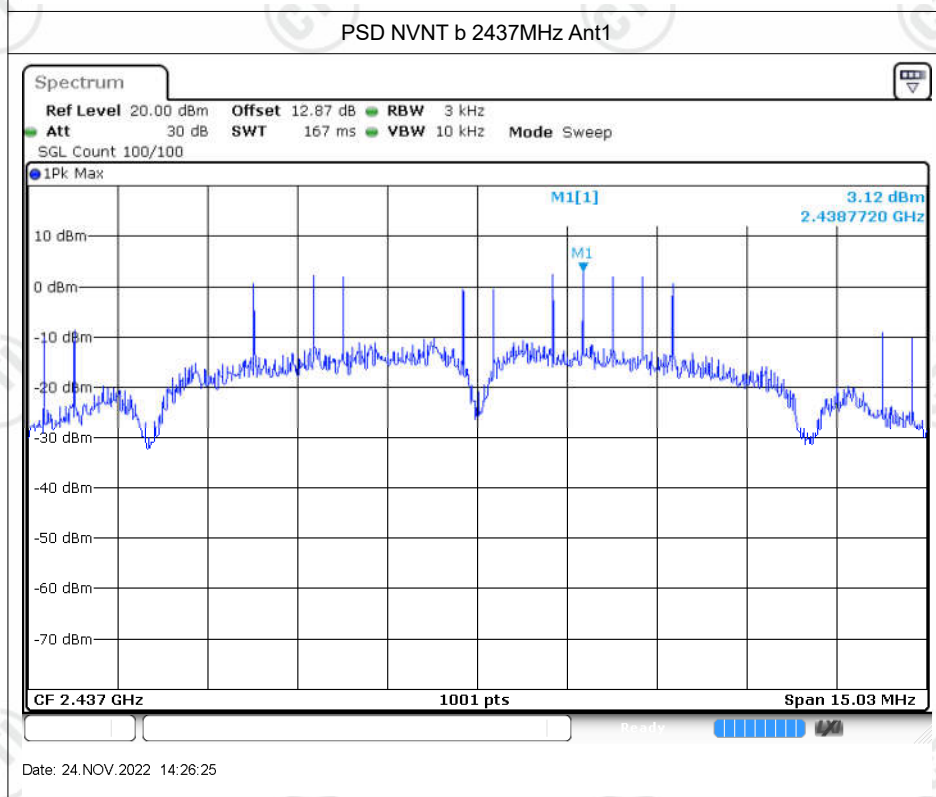
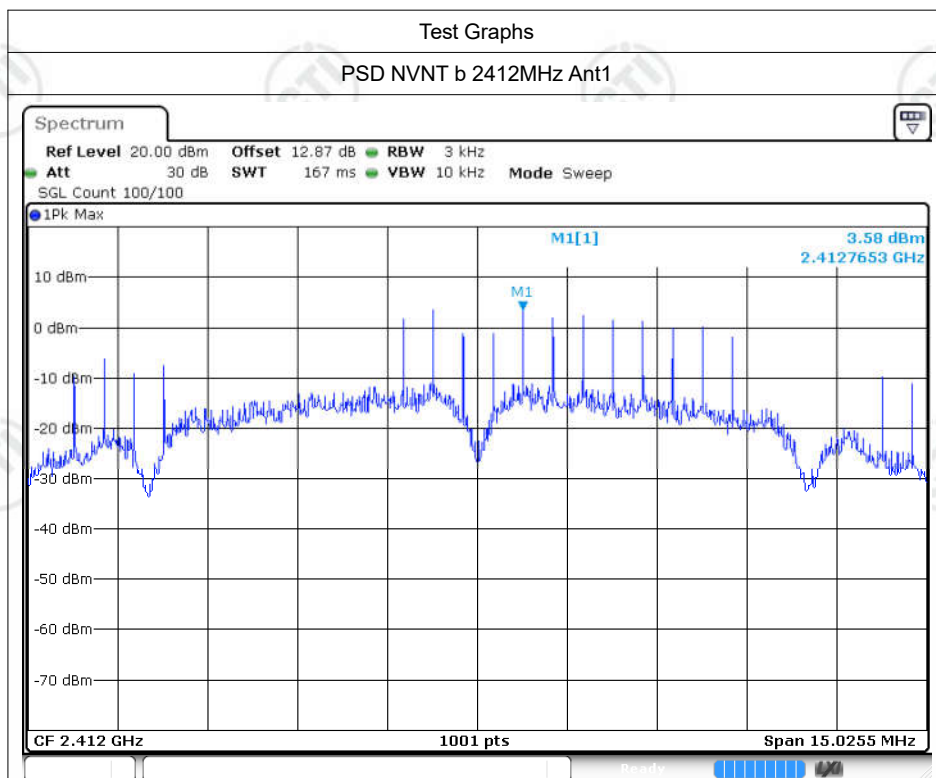


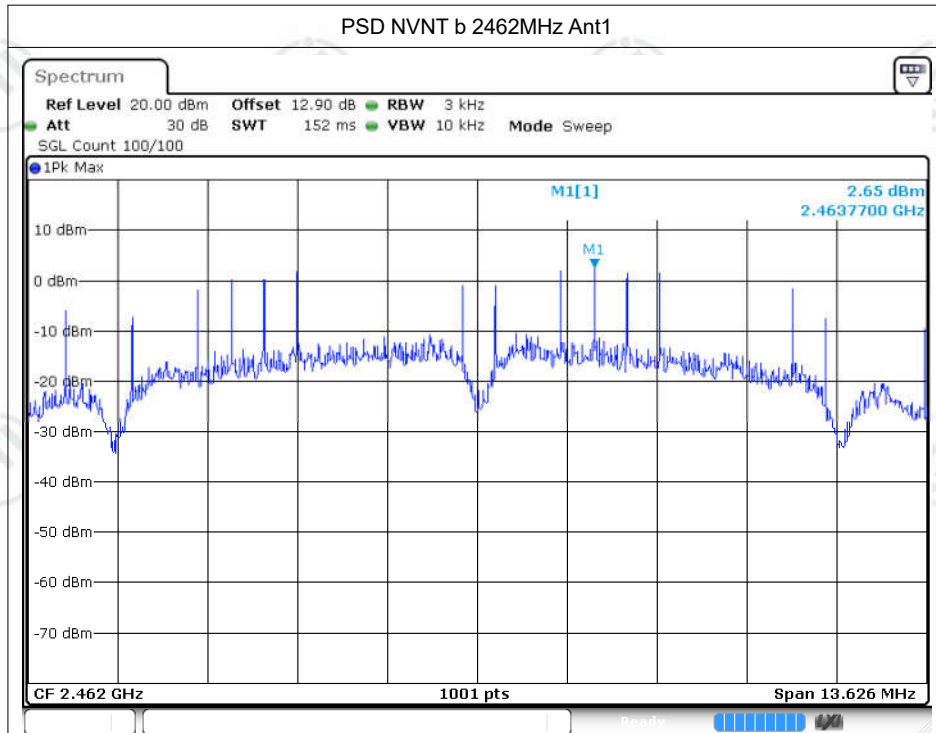


Maximum Power Spectral Density Level

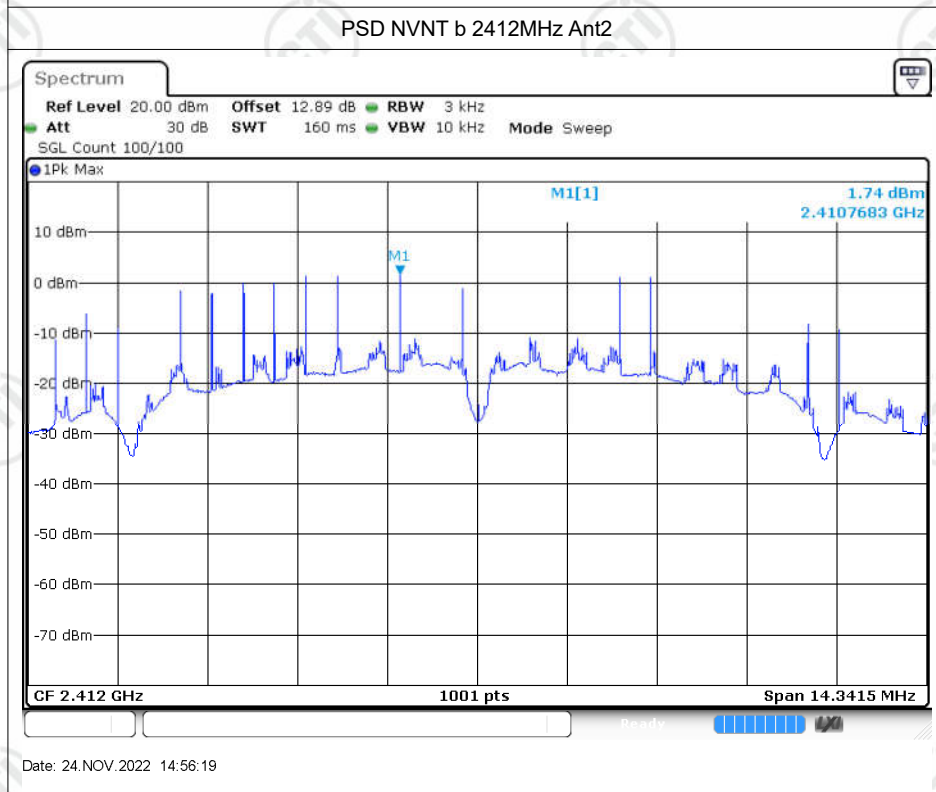
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	3.58	0	3.58	8	Pass
NVNT	b	2437	Ant1	3.12	0	3.12	8	Pass
NVNT	b	2462	Ant1	2.65	0	2.65	8	Pass
NVNT	b	2412	Ant2	1.74	0	1.74	8	Pass
NVNT	b	2437	Ant2	3.31	0	3.31	8	Pass
NVNT	b	2462	Ant2	3.46	0	3.46	8	Pass
NVNT	g	2412	Ant1	-17.33	0	-17.33	8	Pass
NVNT	g	2437	Ant1	-17.06	0	-17.06	8	Pass
NVNT	g	2462	Ant1	-15.67	0	-15.67	8	Pass
NVNT	g	2412	Ant2	-16.54	0	-16.54	8	Pass
NVNT	g	2437	Ant2	-17.99	0	-17.99	8	Pass
NVNT	g	2462	Ant2	-16.8	0	-16.8	8	Pass
NVNT	n20	2412	Ant1	-16.55	0	-16.55	8	Pass
NVNT	n20	2437	Ant1	-17.46	0	-17.46	8	Pass
NVNT	n20	2462	Ant1	-17.39	0	-17.39	8	Pass
NVNT	n20	2412	Ant2	-17.45	0	-17.45	8	Pass
NVNT	n20	2437	Ant2	-17.06	0	-17.06	8	Pass
NVNT	n20	2462	Ant2	-17.37	0	-17.37	8	Pass
NVNT	n20	2412	Ant1	-20.3	0	-20.3	8	Pass
NVNT	n20	2412	Ant2	-21.14	0	-21.14	8	Pass
NVNT	n20	2412	Sum	-17.69	0	-17.69	8	Pass
NVNT	n20	2437	Ant1	-19.93	0	-19.93	8	Pass
NVNT	n20	2437	Ant2	-21.55	0	-21.55	8	Pass
NVNT	n20	2437	Sum	-17.65	0	-17.65	8	Pass
NVNT	n20	2462	Ant1	-19.94	0	-19.94	8	Pass
NVNT	n20	2462	Ant2	-21.13	0	-21.13	8	Pass
NVNT	n20	2462	Sum	-17.48	0	-17.48	8	Pass
NVNT	n40	2422	Ant1	-19.71	0	-19.71	8	Pass
NVNT	n40	2437	Ant1	-20.96	0	-20.96	8	Pass
NVNT	n40	2452	Ant1	-19.91	0	-19.91	8	Pass
NVNT	n40	2422	Ant2	-20.05	0	-20.05	8	Pass
NVNT	n40	2437	Ant2	-20.8	0	-20.8	8	Pass
NVNT	n40	2452	Ant2	-20.79	0	-20.79	8	Pass
NVNT	n40	2422	Ant1	-23.73	0	-23.73	8	Pass
NVNT	n40	2422	Ant2	-26.28	0	-26.28	8	Pass
NVNT	n40	2422	Sum	-21.81	0	-21.81	8	Pass
NVNT	n40	2437	Ant1	-23.7	0	-23.7	8	Pass

NVNT	n40	2437	Ant2	-25.4	0	-25.4	8	Pass
NVNT	n40	2437	Sum	-21.46	0	-21.46	8	Pass
NVNT	n40	2452	Ant1	-23.42	0	-23.42	8	Pass
NVNT	n40	2452	Ant2	-26.05	0	-26.05	8	Pass
NVNT	n40	2452	Sum	-21.53	0	-21.53	8	Pass

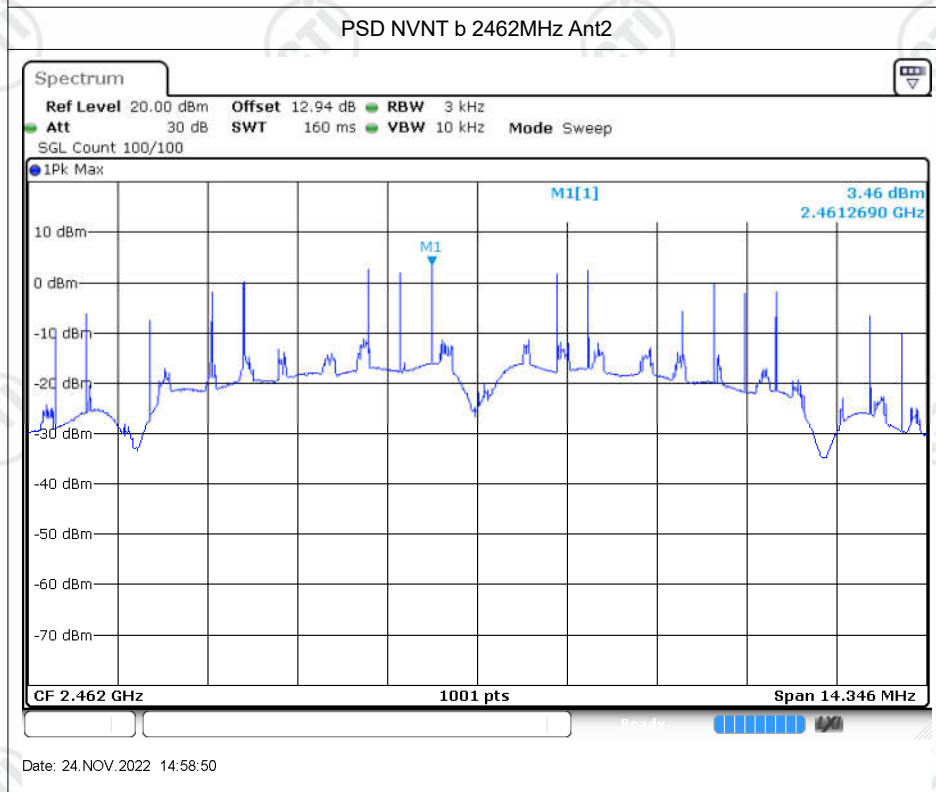
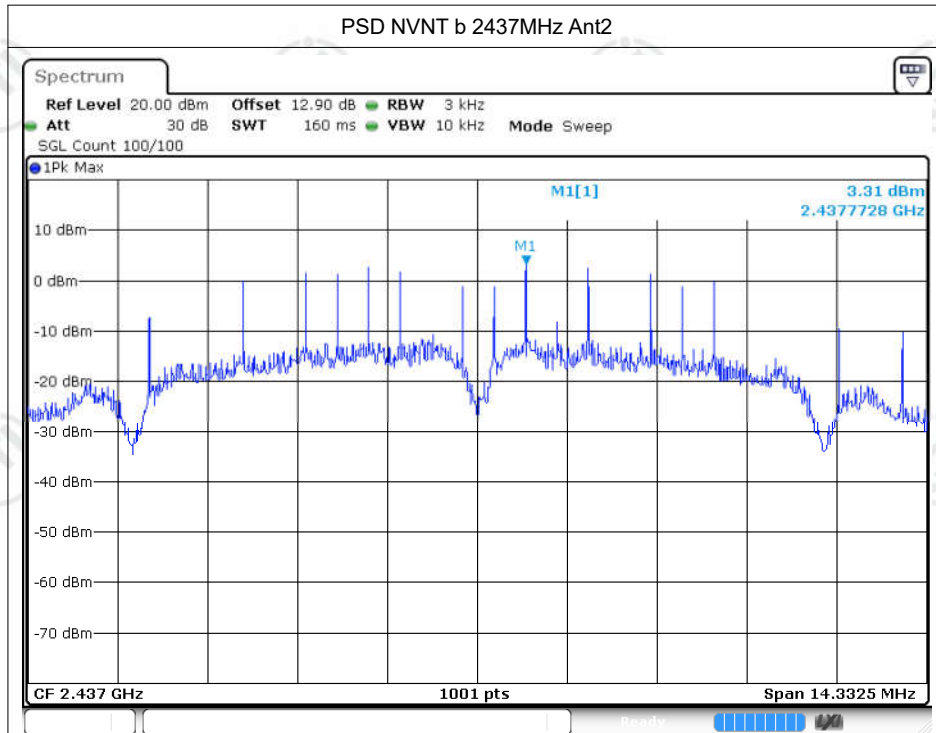


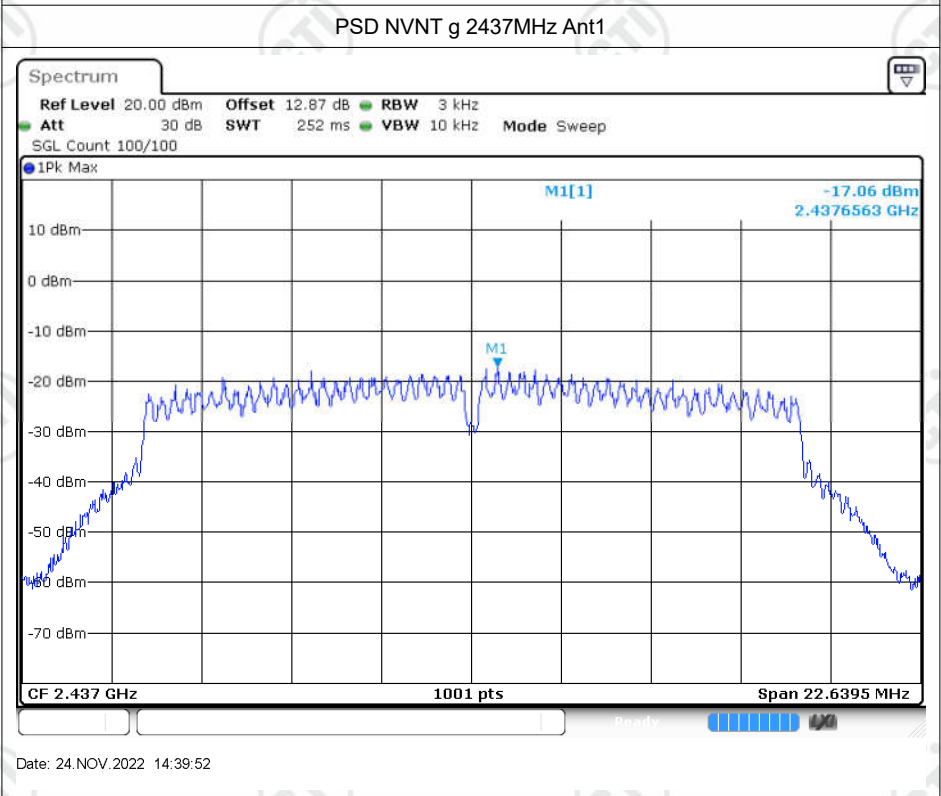
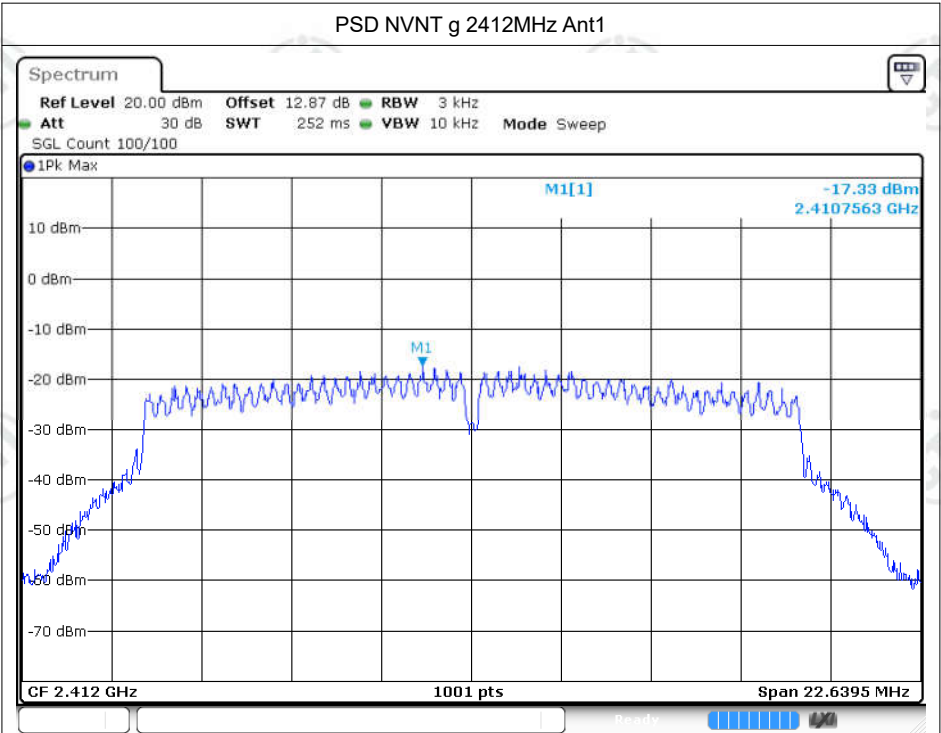


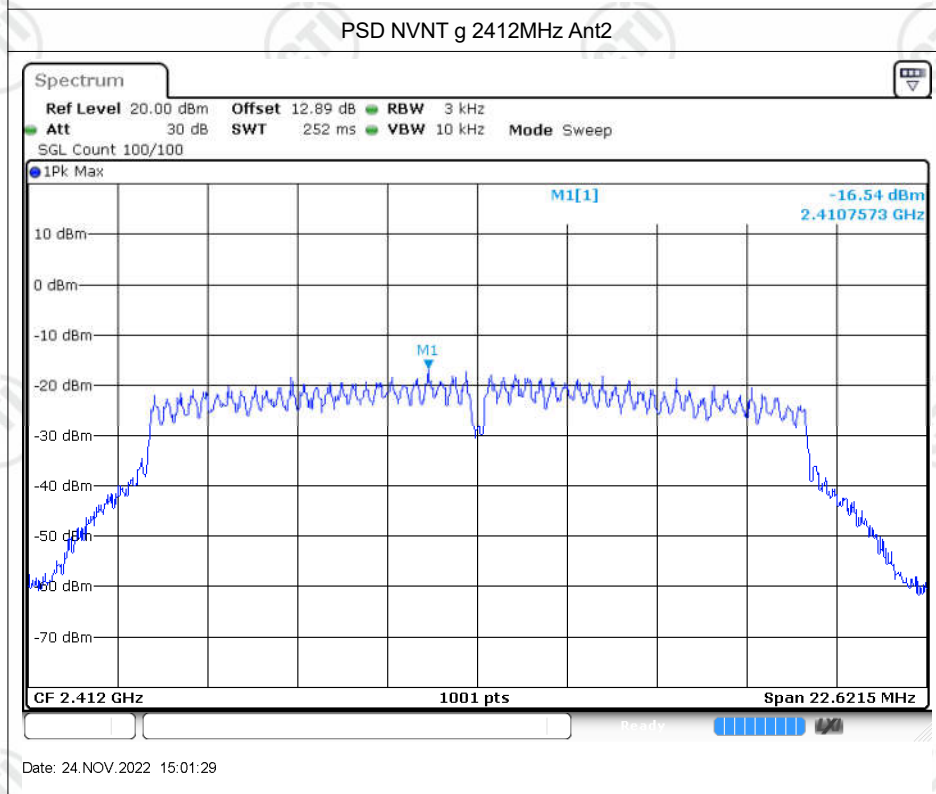
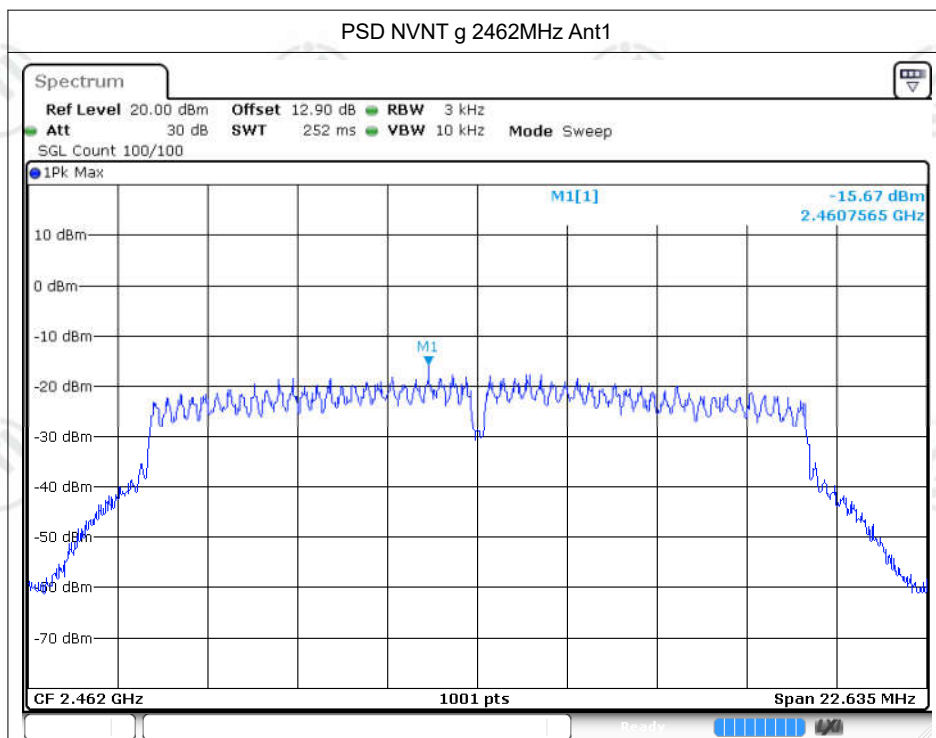
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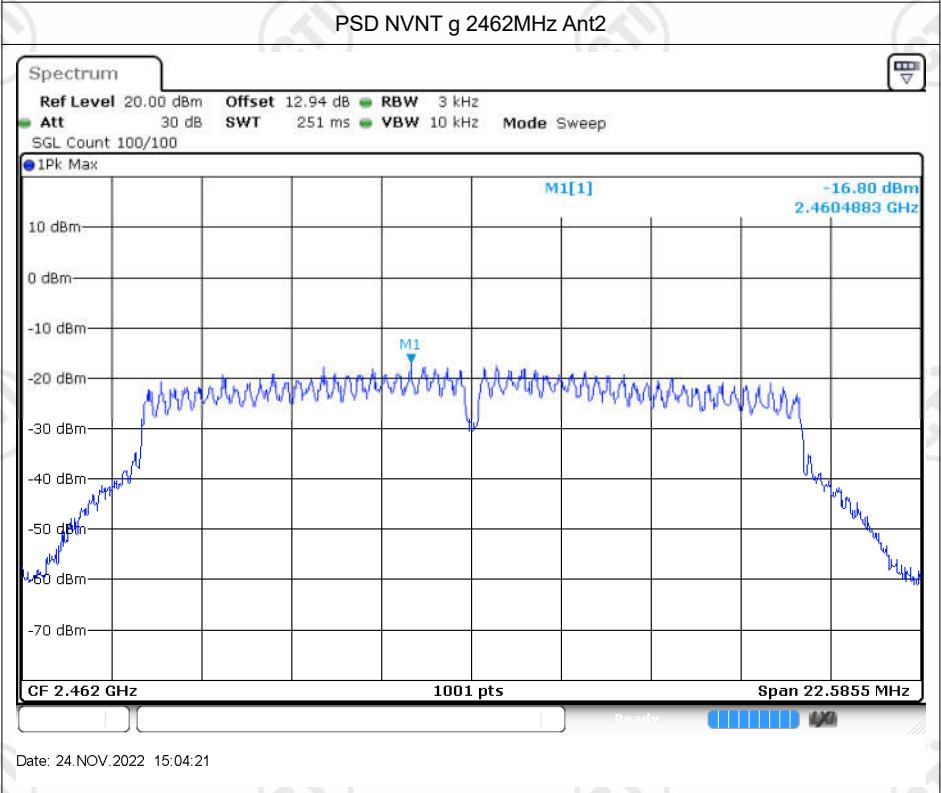
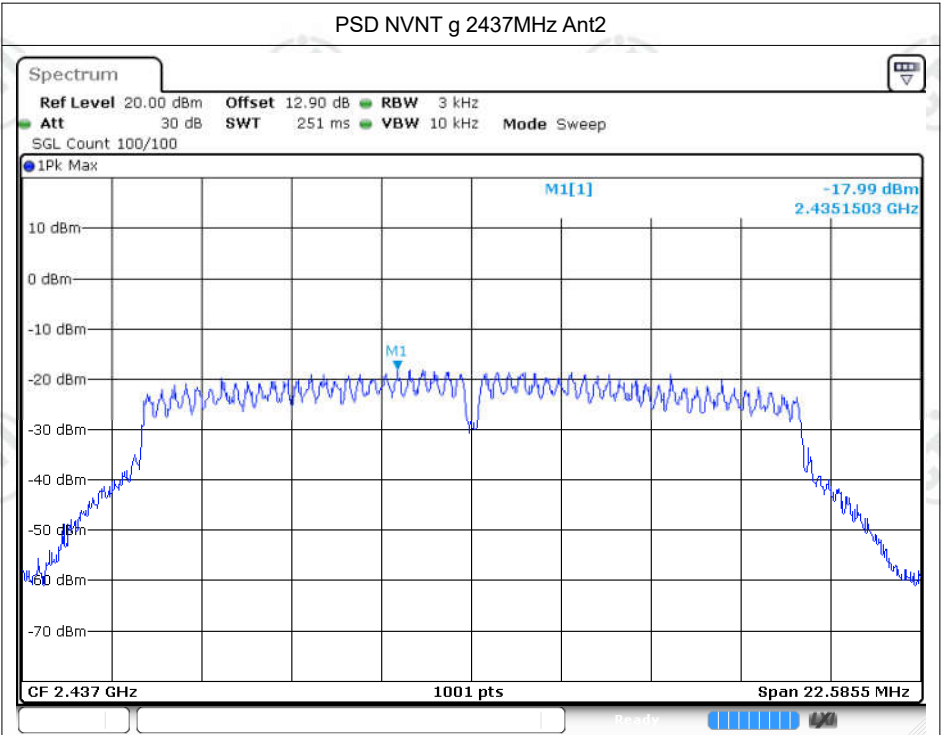


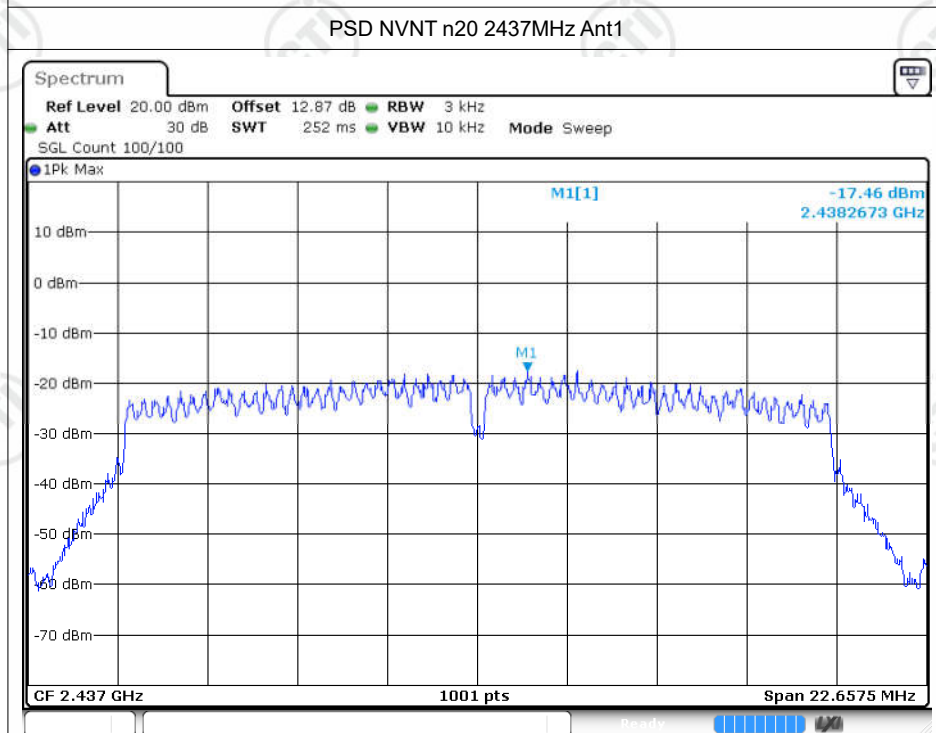
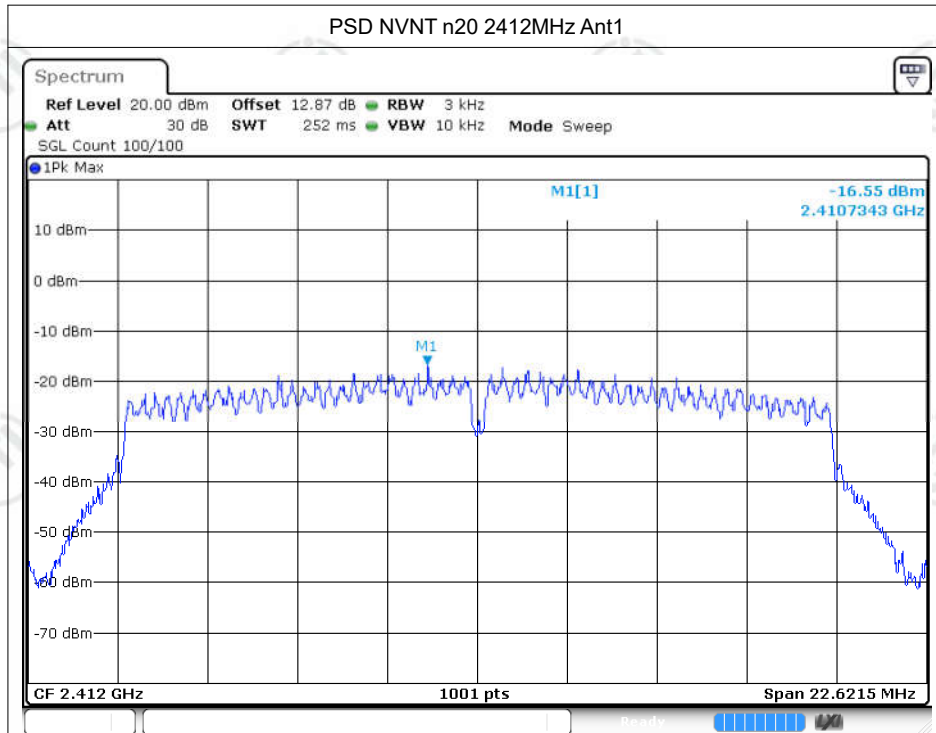
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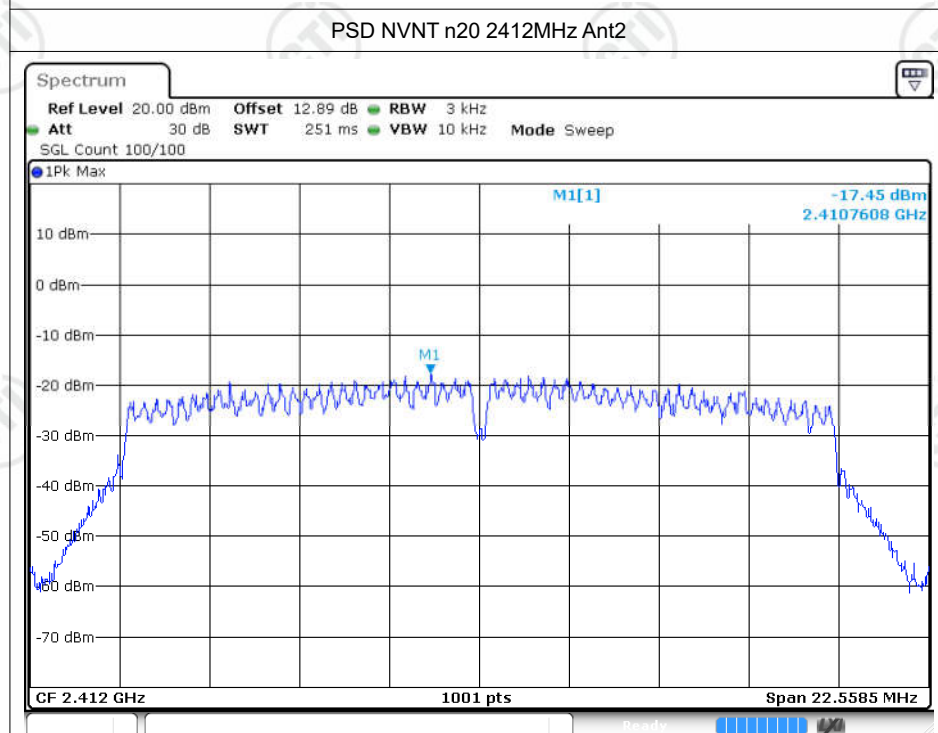
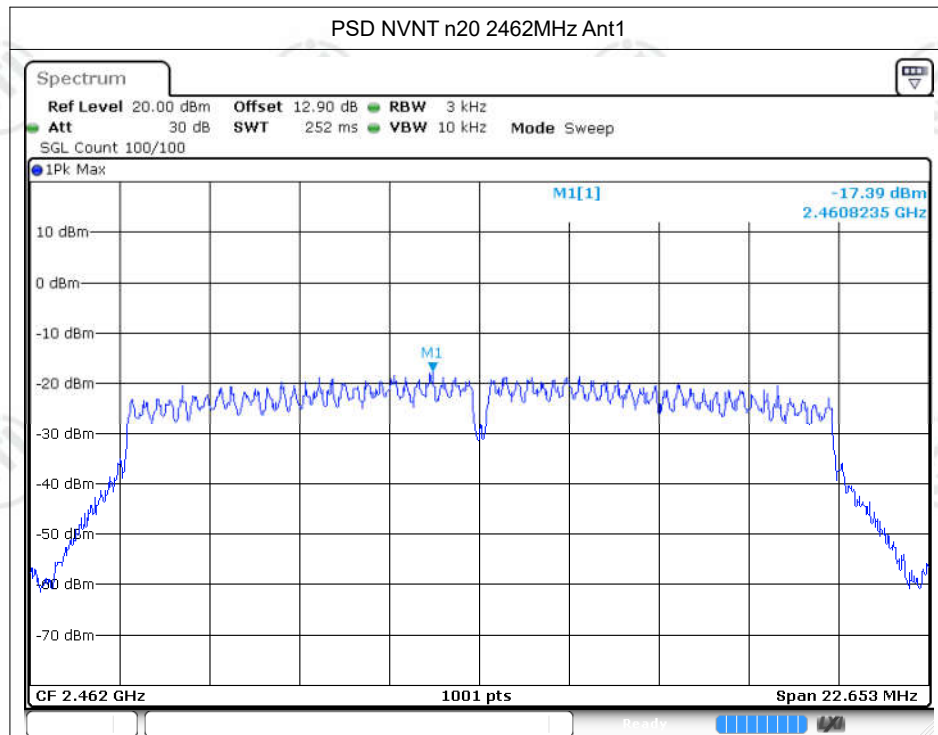


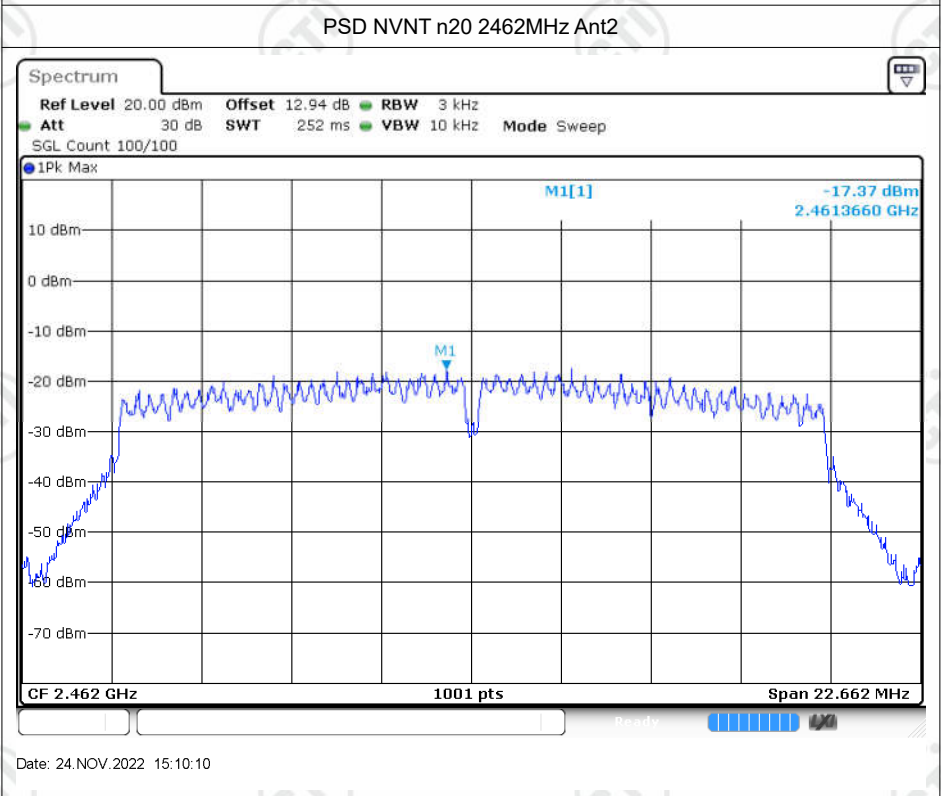
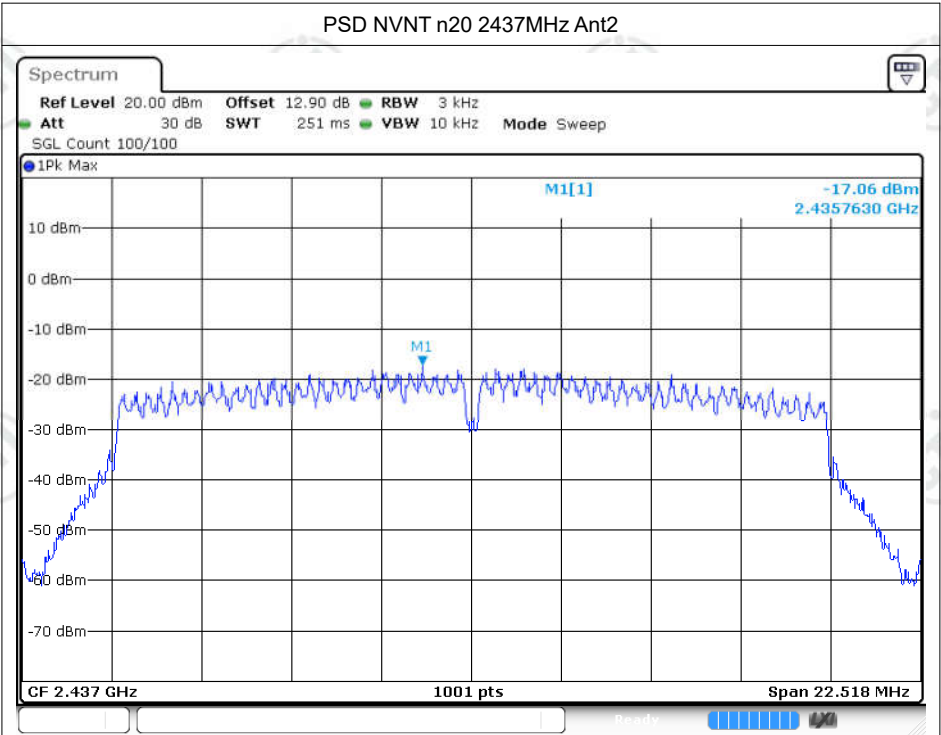


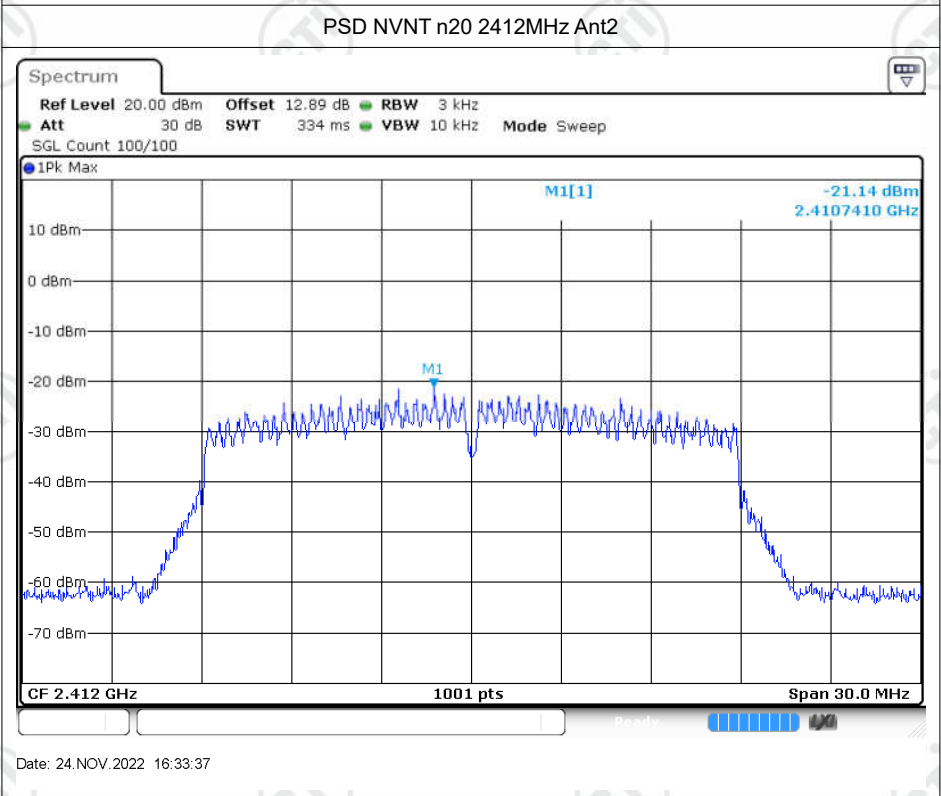
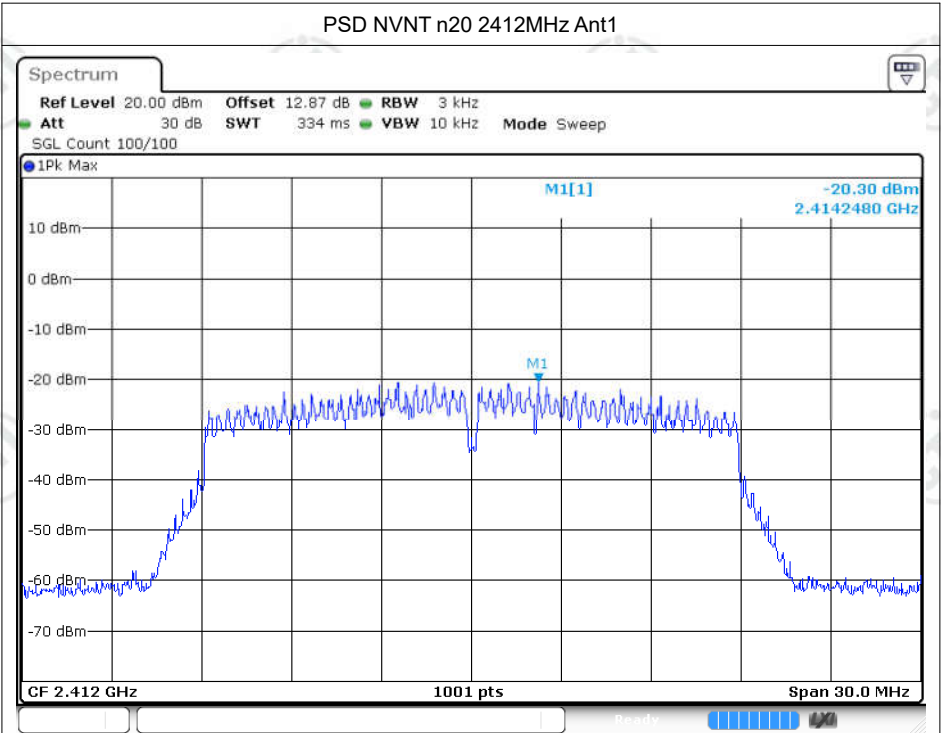


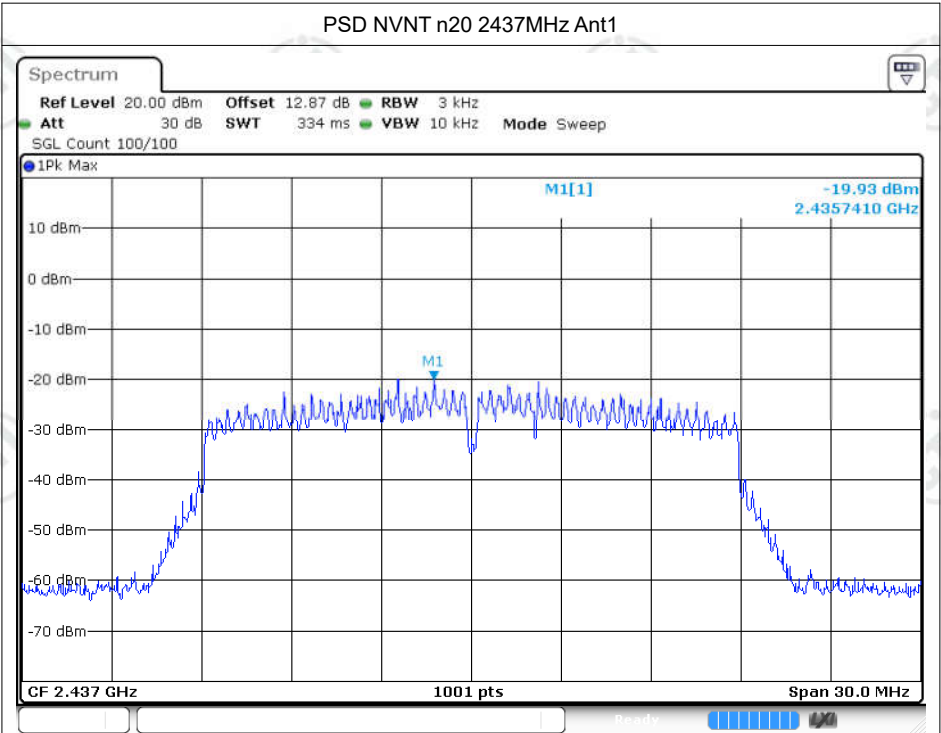




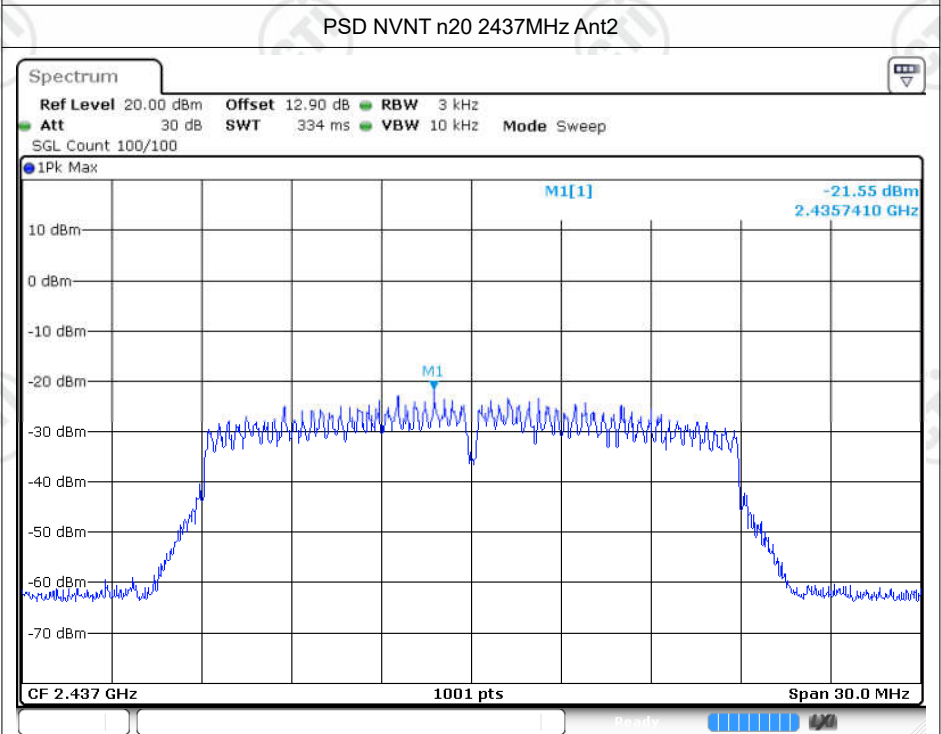




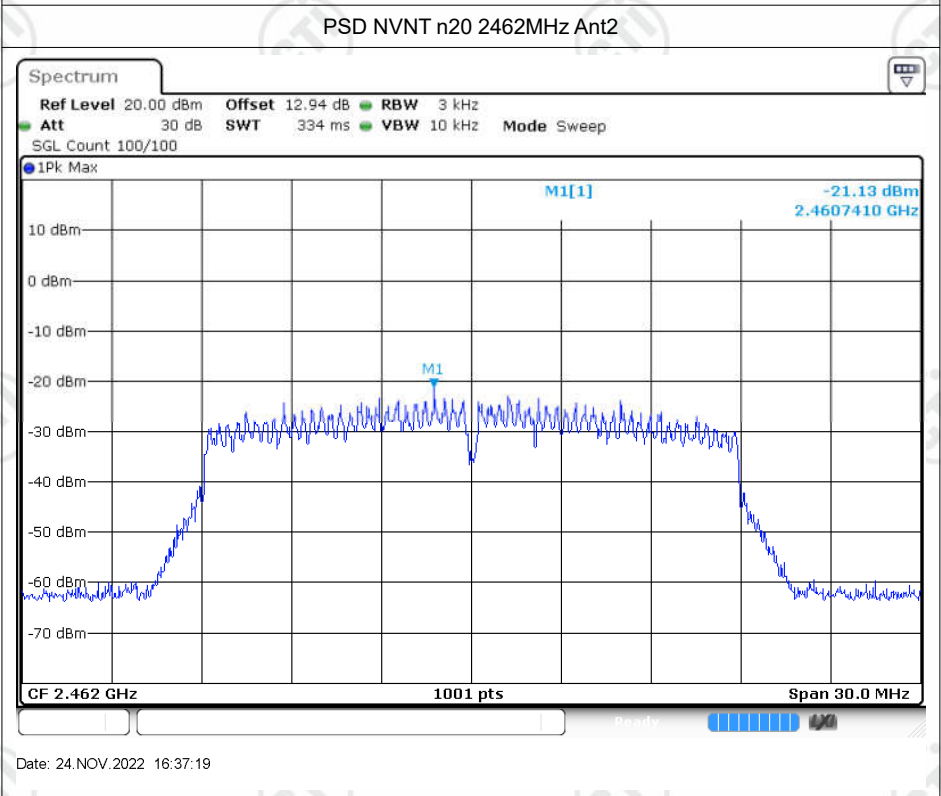
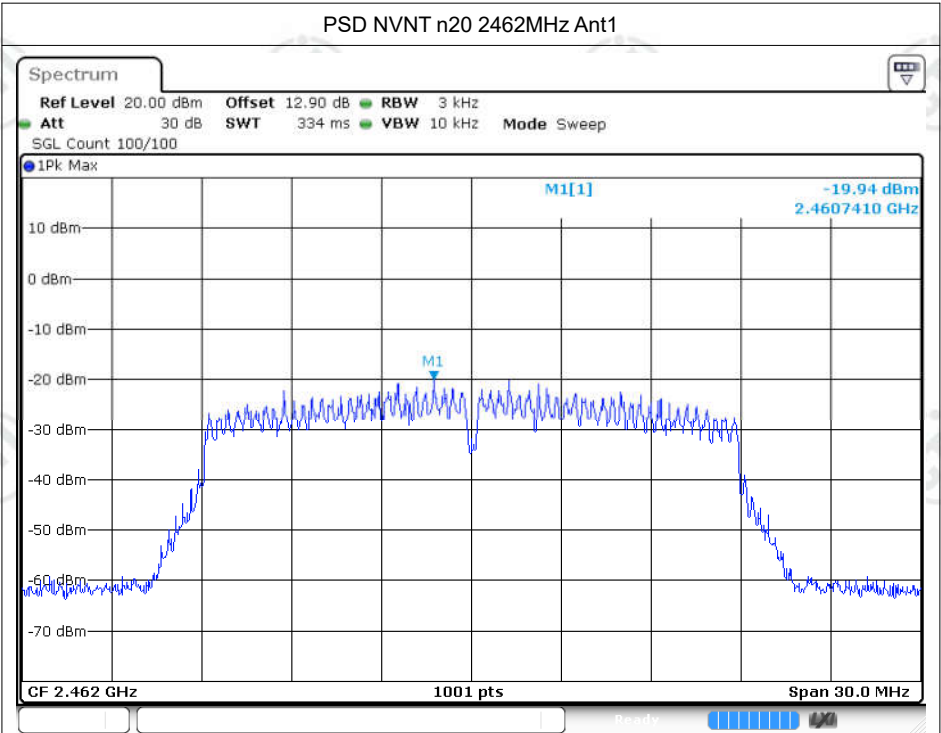


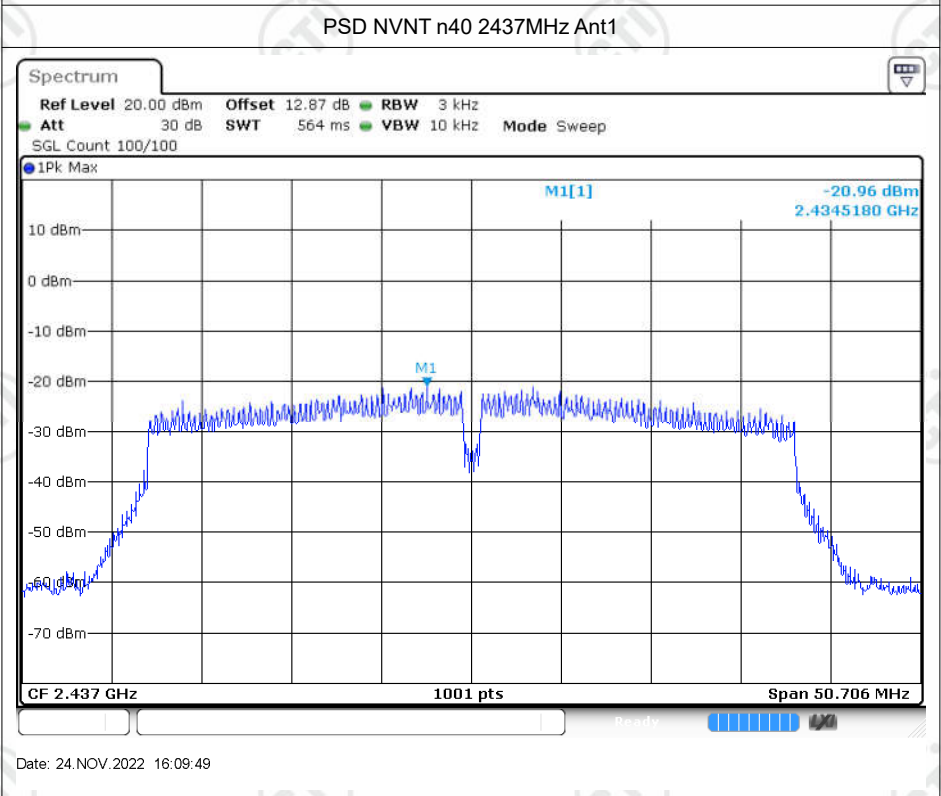
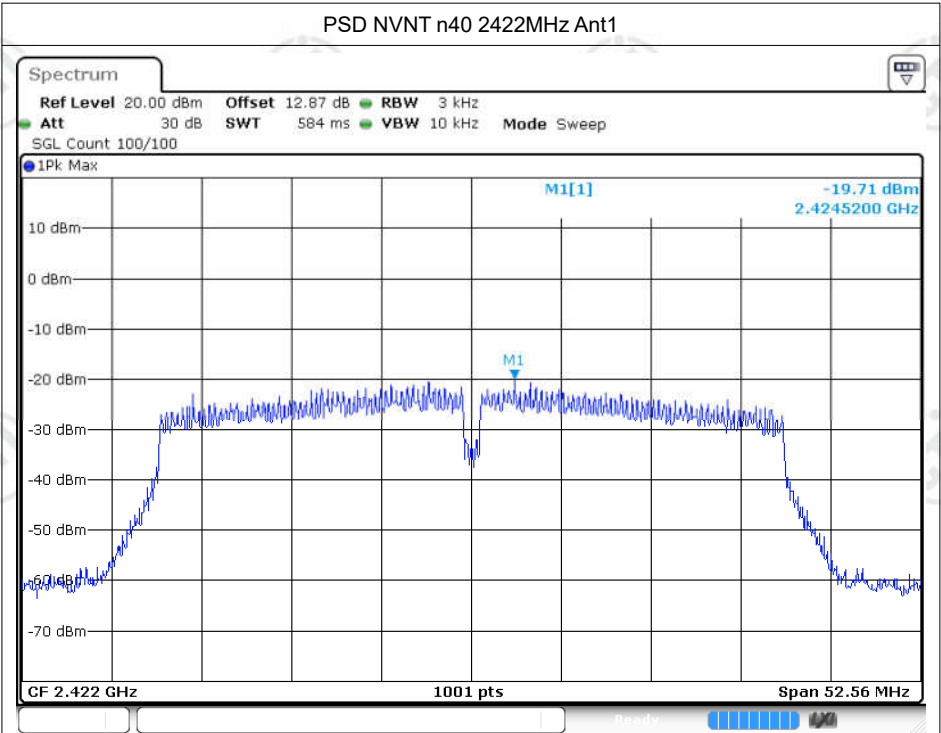


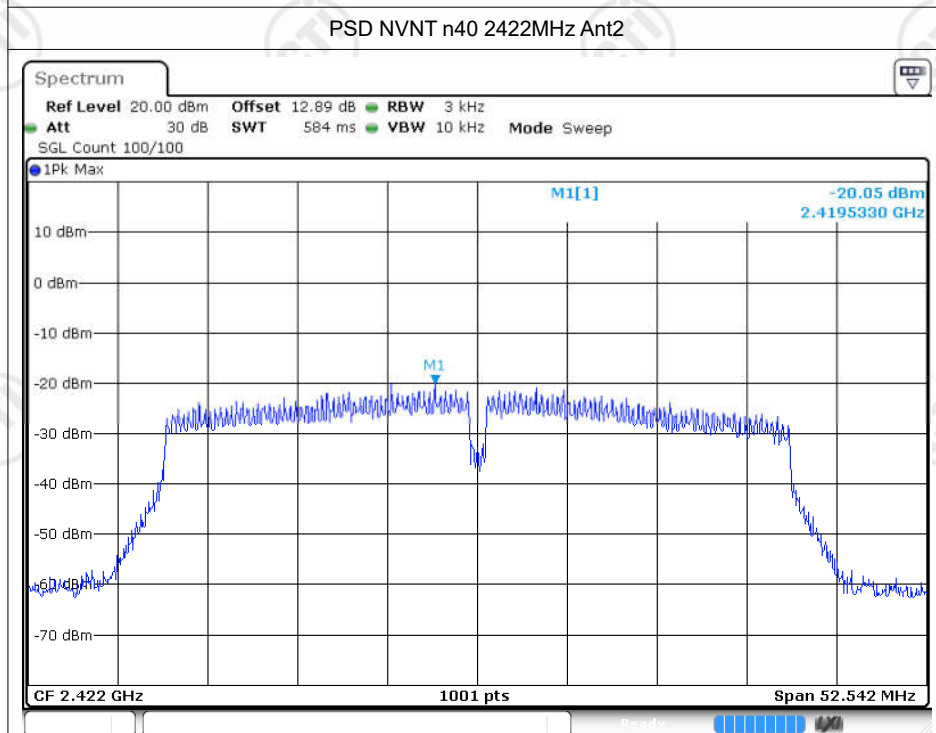
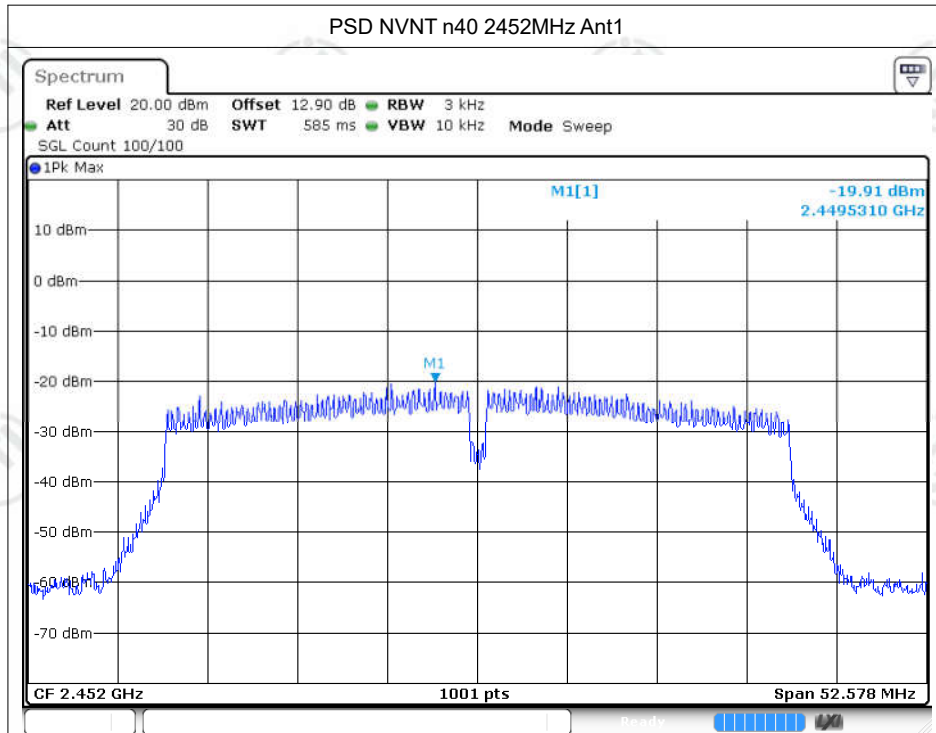
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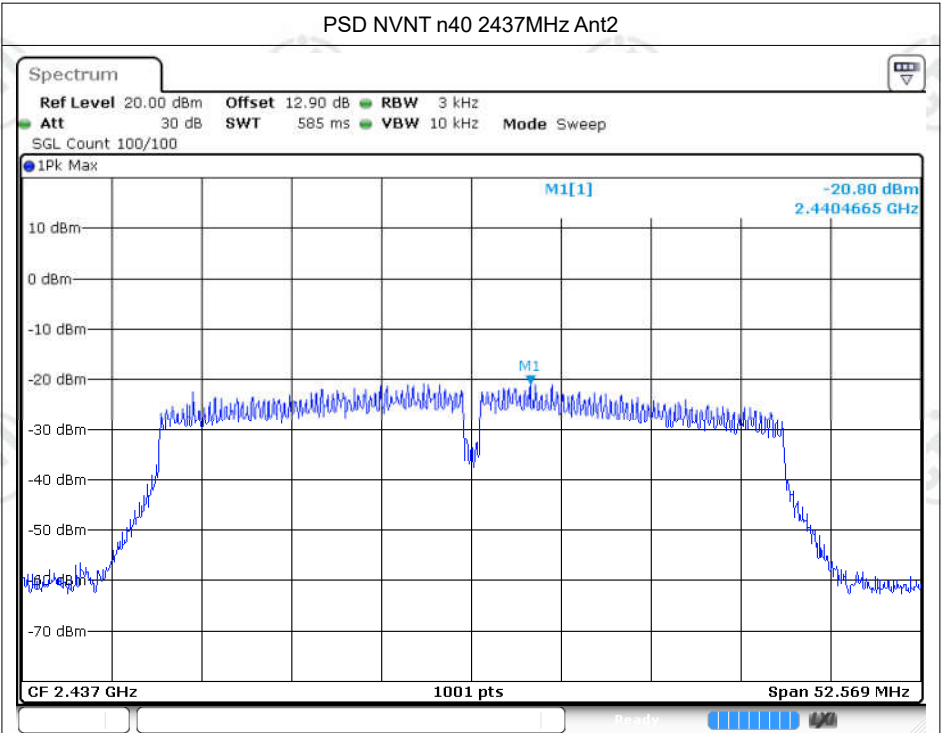


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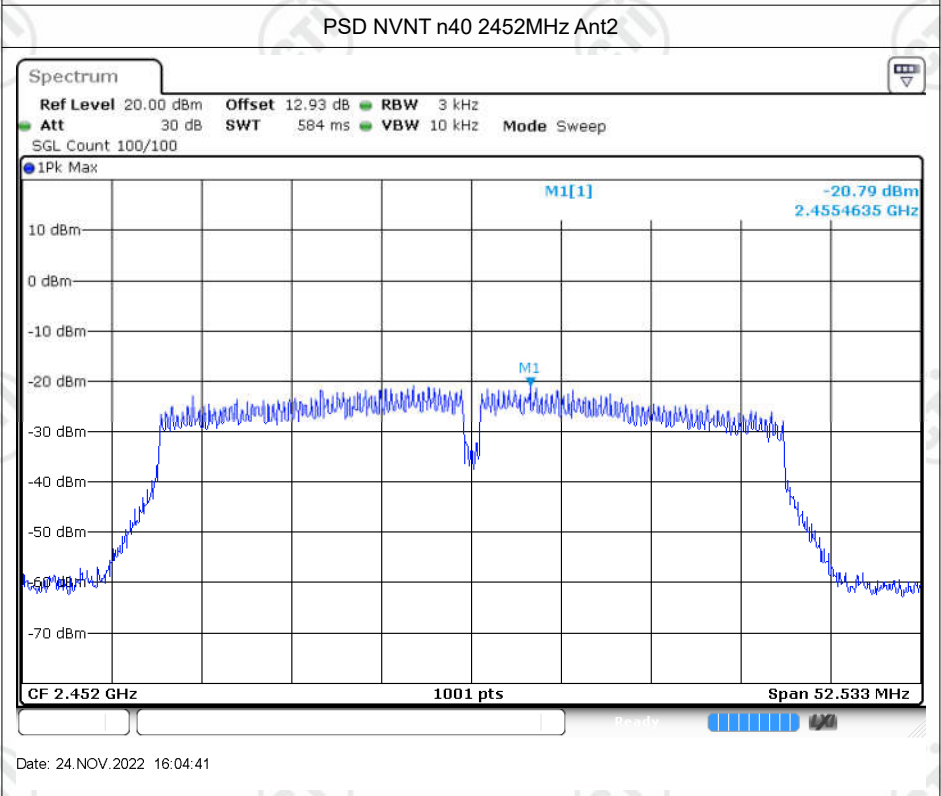








Date: 24.NOV.2022 15:59:35



Date: 24.NOV.2022 16:04:41