

Appendix: BT Classic

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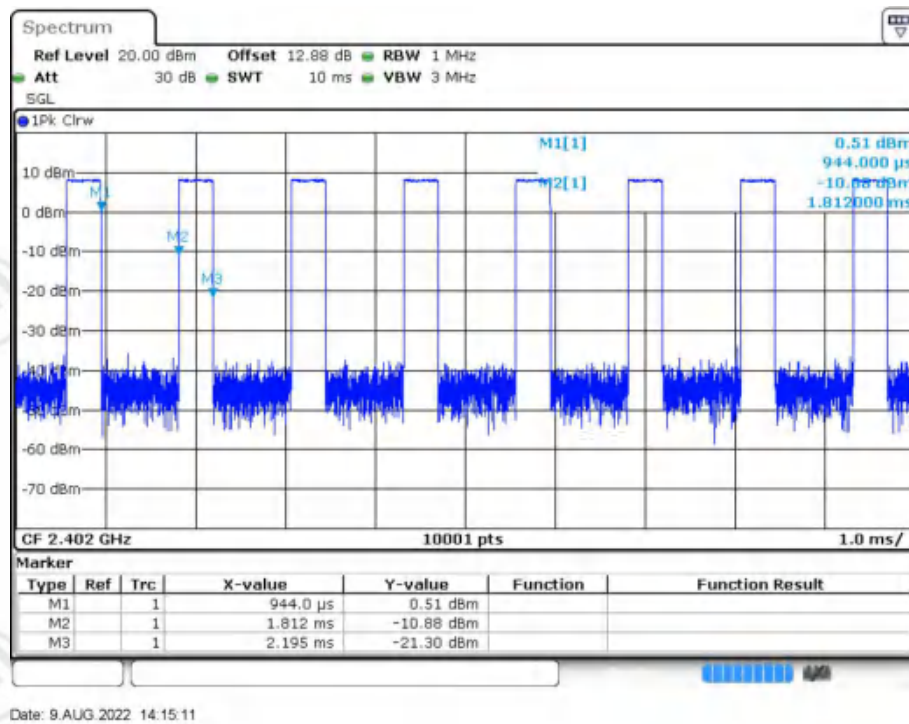
Number of Hopping Channel..... 94

Duty Cycle

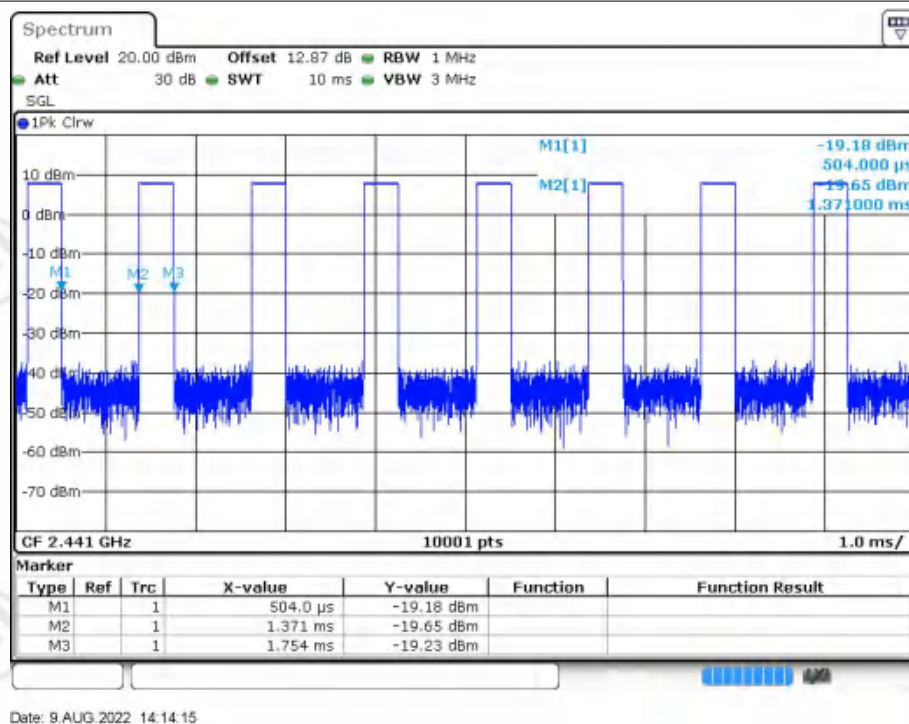
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH1	2402	Ant1	30.62	5.14	2.61
NVNT	1-DH1	2441	Ant1	30.64	5.14	2.61
NVNT	1-DH1	2480	Ant1	30.56	5.15	2.62
NVNT	1-DH3	2402	Ant1	65.52	1.84	0.61
NVNT	1-DH3	2441	Ant1	65.52	1.84	0.61
NVNT	1-DH3	2480	Ant1	65.52	1.84	0.61
NVNT	1-DH5	2402	Ant1	76.96	1.14	0.35
NVNT	1-DH5	2441	Ant1	76.93	1.14	0.35
NVNT	1-DH5	2480	Ant1	76.93	1.14	0.35
NVNT	2-DH1	2402	Ant1	31.21	5.06	2.56
NVNT	2-DH1	2441	Ant1	31.21	5.06	2.56
NVNT	2-DH1	2480	Ant1	31.33	5.04	2.55
NVNT	2-DH3	2402	Ant1	65.72	1.82	0.61
NVNT	2-DH3	2441	Ant1	65.72	1.82	0.61
NVNT	2-DH3	2480	Ant1	65.72	1.82	0.61
NVNT	2-DH5	2402	Ant1	77.08	1.13	0.35
NVNT	2-DH5	2441	Ant1	77.08	1.13	0.35
NVNT	2-DH5	2480	Ant1	77.08	1.13	0.35
NVNT	3-DH1	2402	Ant1	31.21	5.06	2.56
NVNT	3-DH1	2441	Ant1	31.33	5.04	2.55
NVNT	3-DH1	2480	Ant1	31.33	5.04	2.55
NVNT	3-DH3	2402	Ant1	65.67	1.83	0.61
NVNT	3-DH3	2441	Ant1	65.69	1.83	0.61
NVNT	3-DH3	2480	Ant1	65.65	1.83	0.61
NVNT	3-DH5	2402	Ant1	77.12	1.13	0.35
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NVNT	3-DH5	2480	Ant1	77.12	1.13	0.35

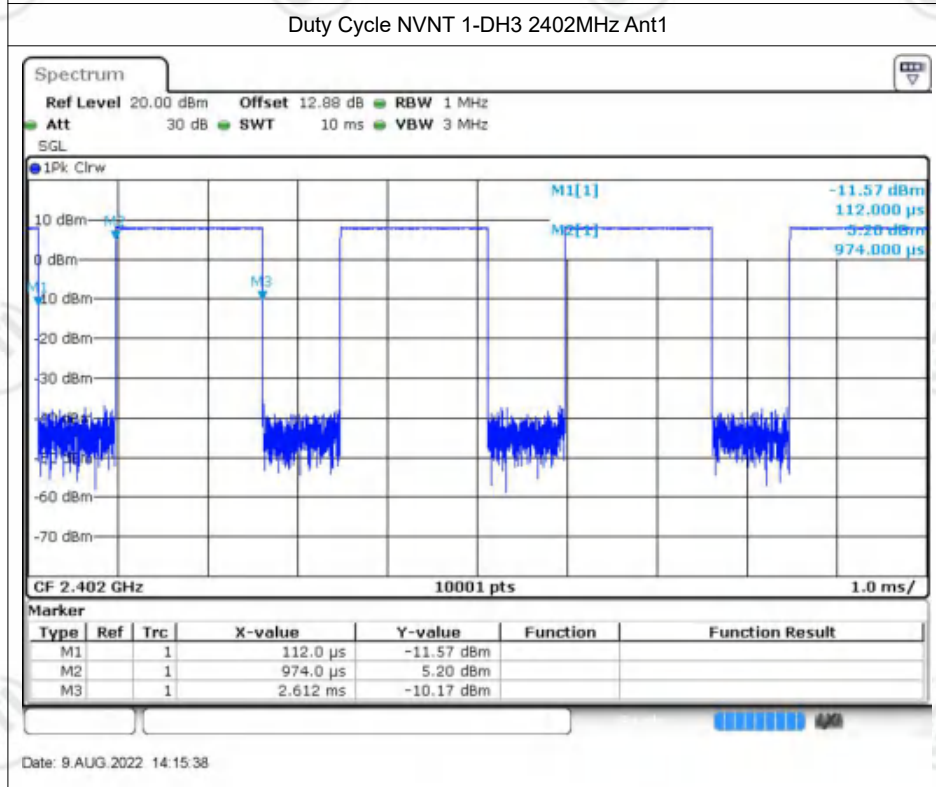
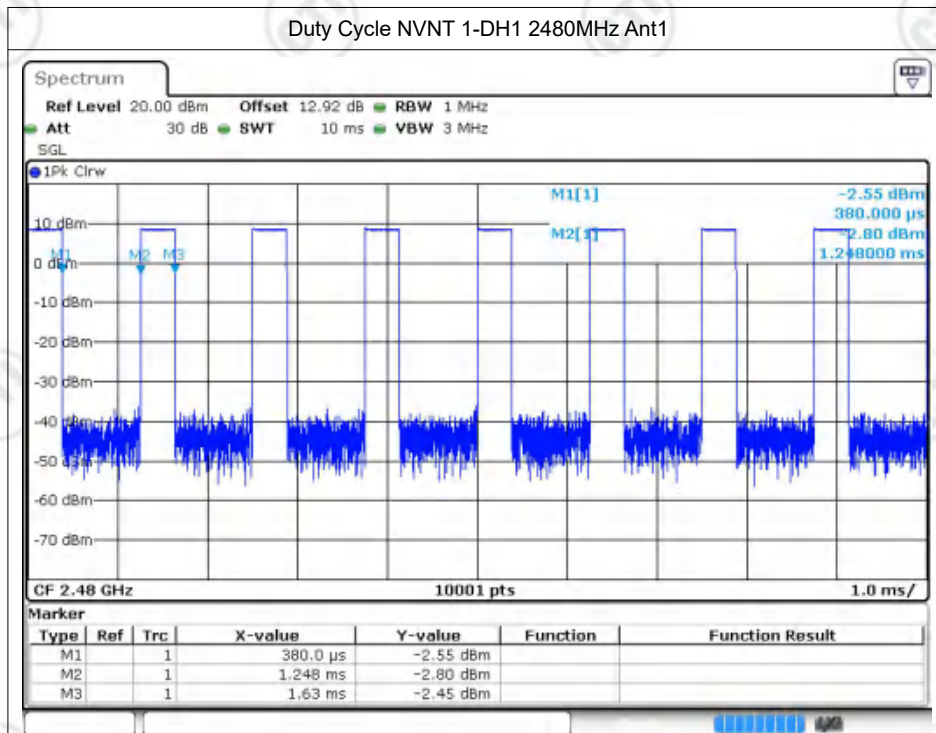
Test Graphs

Duty Cycle NVNT 1-DH1 2402MHz Ant1

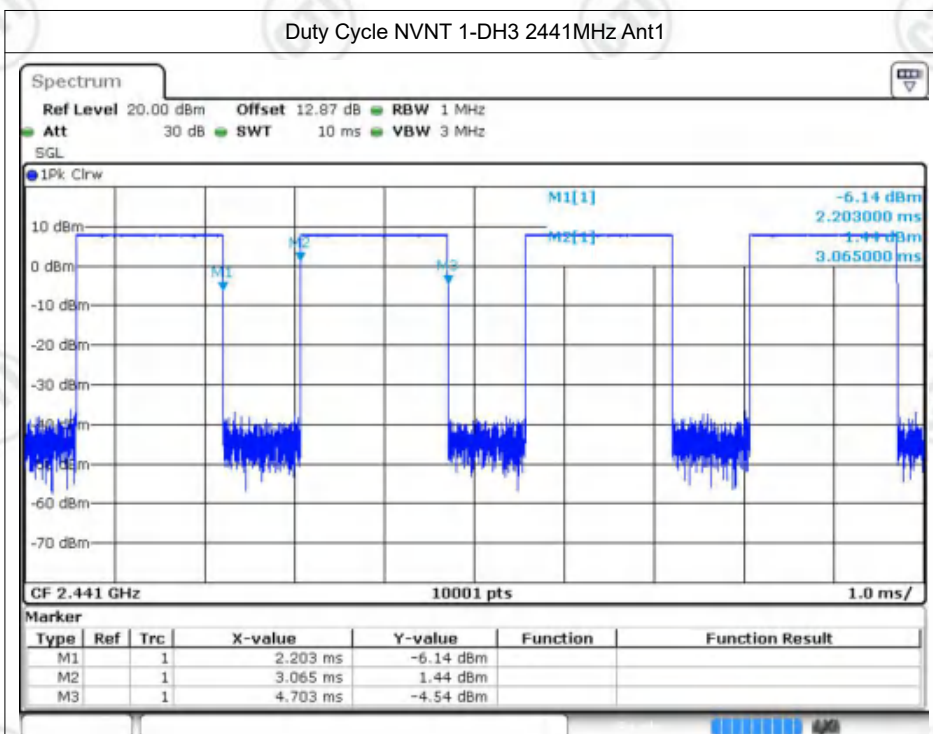


Duty Cycle NVNT 1-DH1 2441MHz Ant1

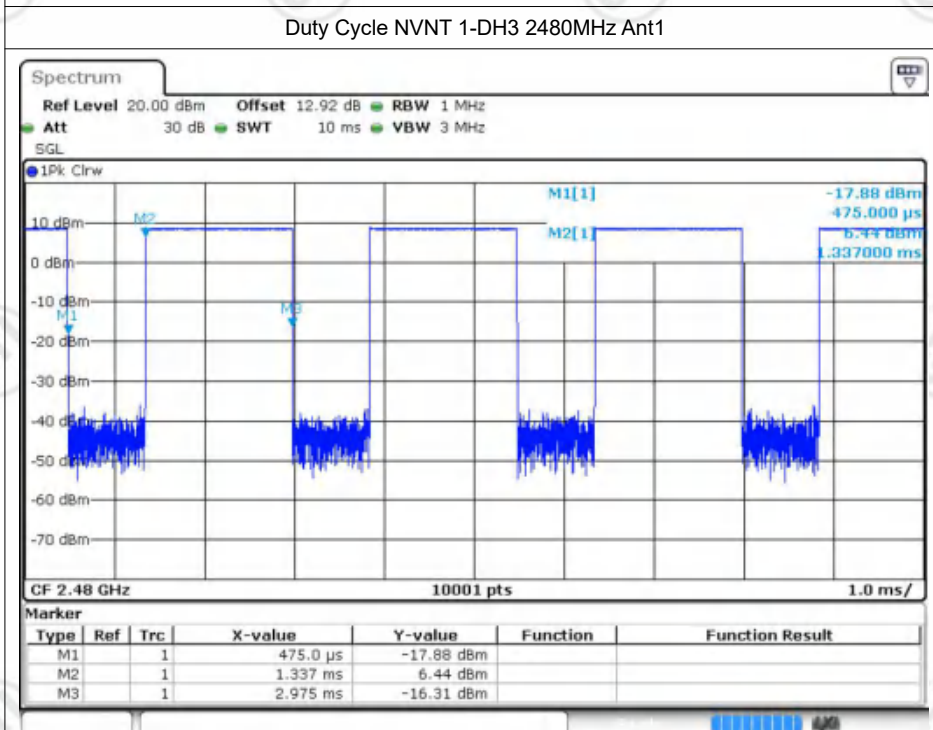


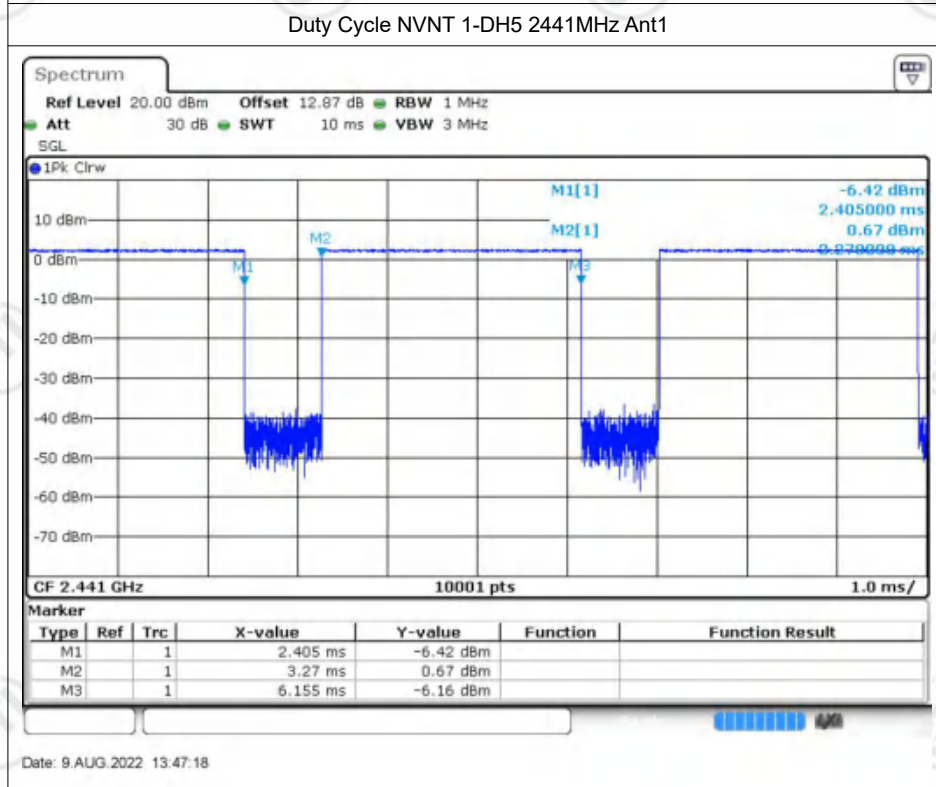
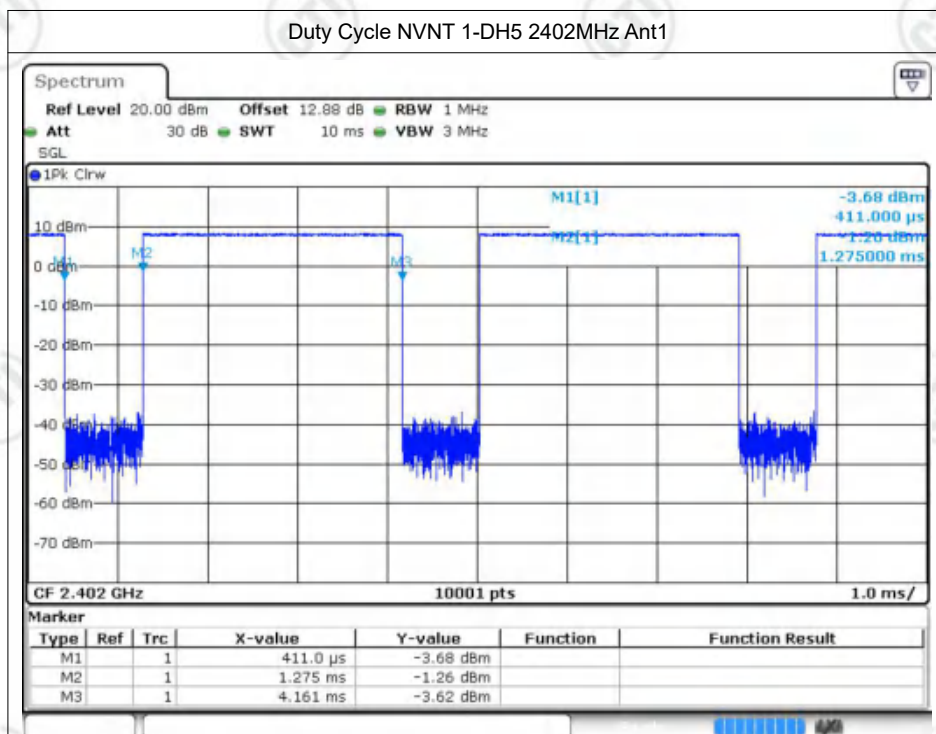


Duty Cycle NVNT 1-DH3 2441MHz Ant1

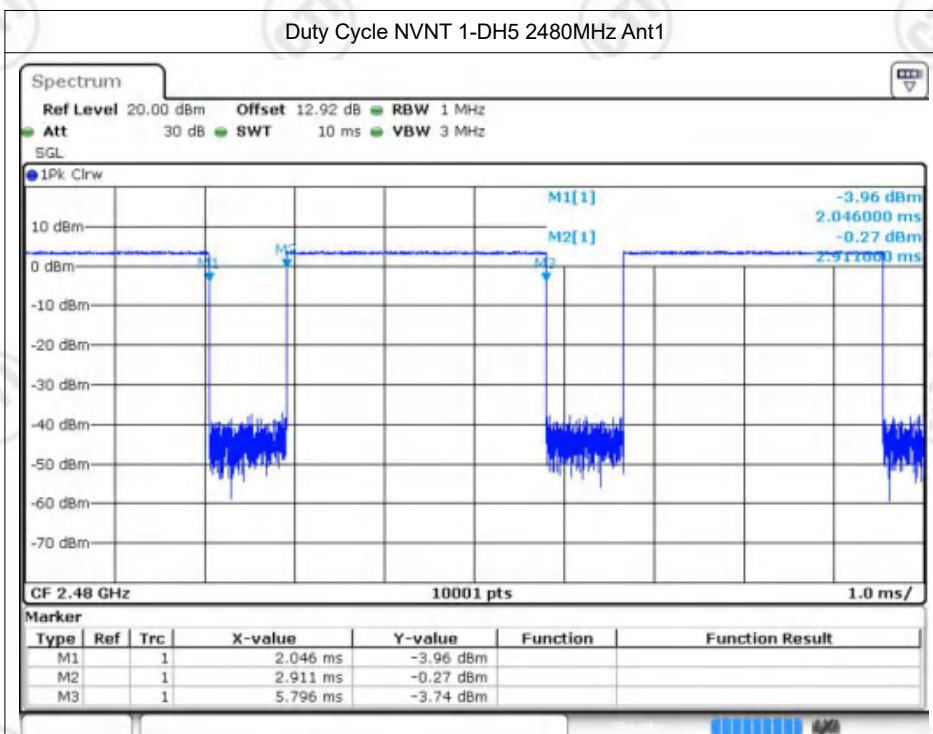


Duty Cycle NVNT 1-DH3 2480MHz Ant1

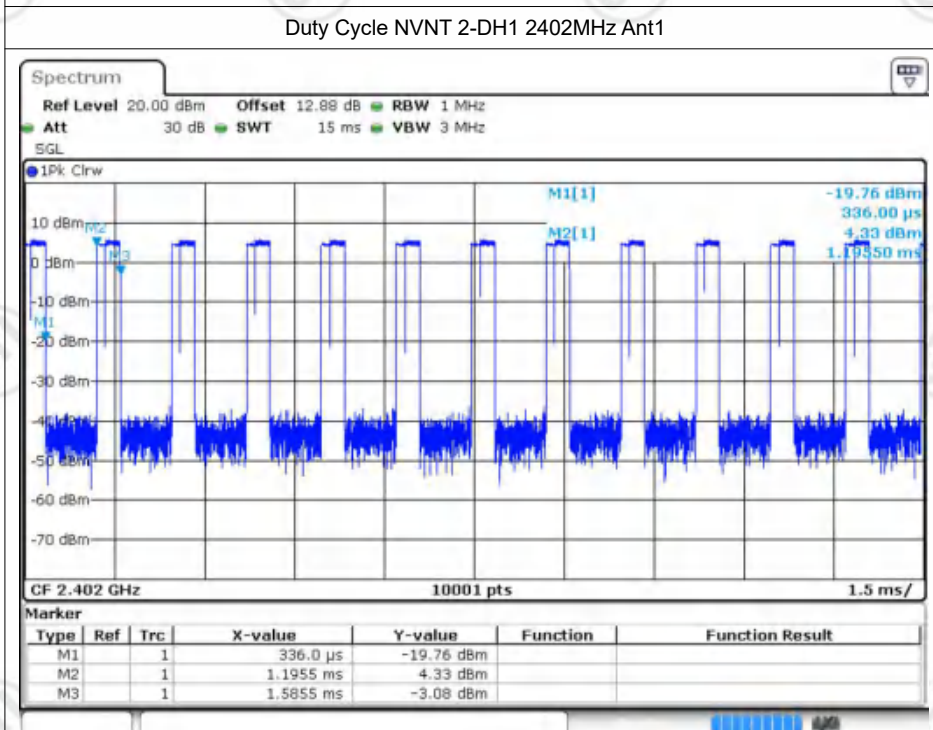


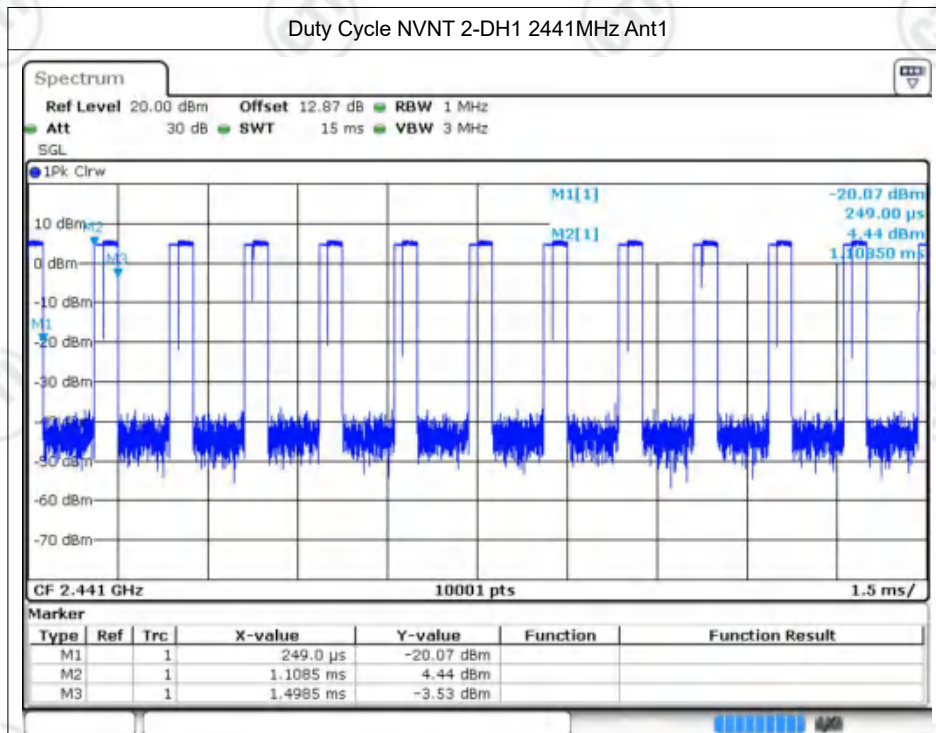


Duty Cycle NVNT 1-DH5 2480MHz Ant1

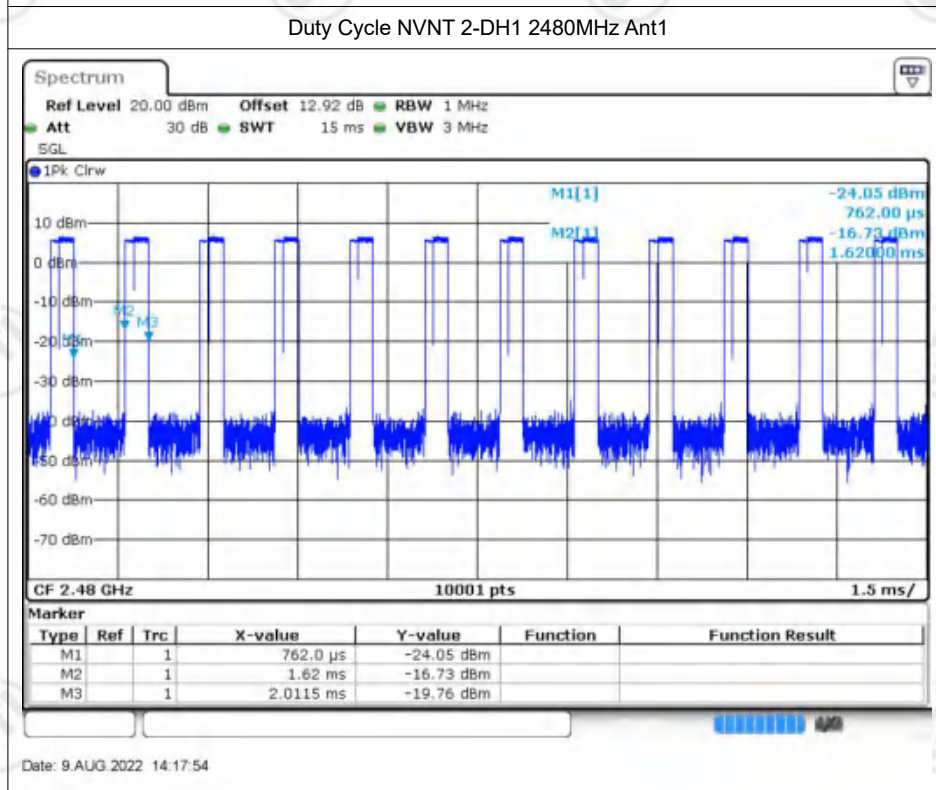


Duty Cycle NVNT 2-DH1 2402MHz Ant1

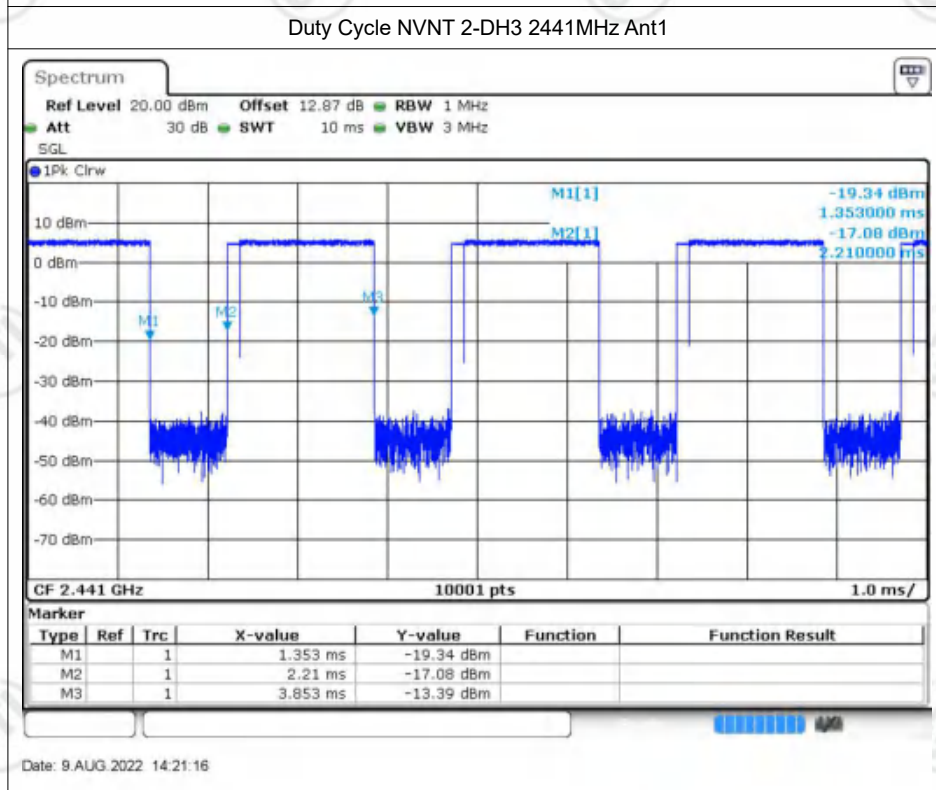
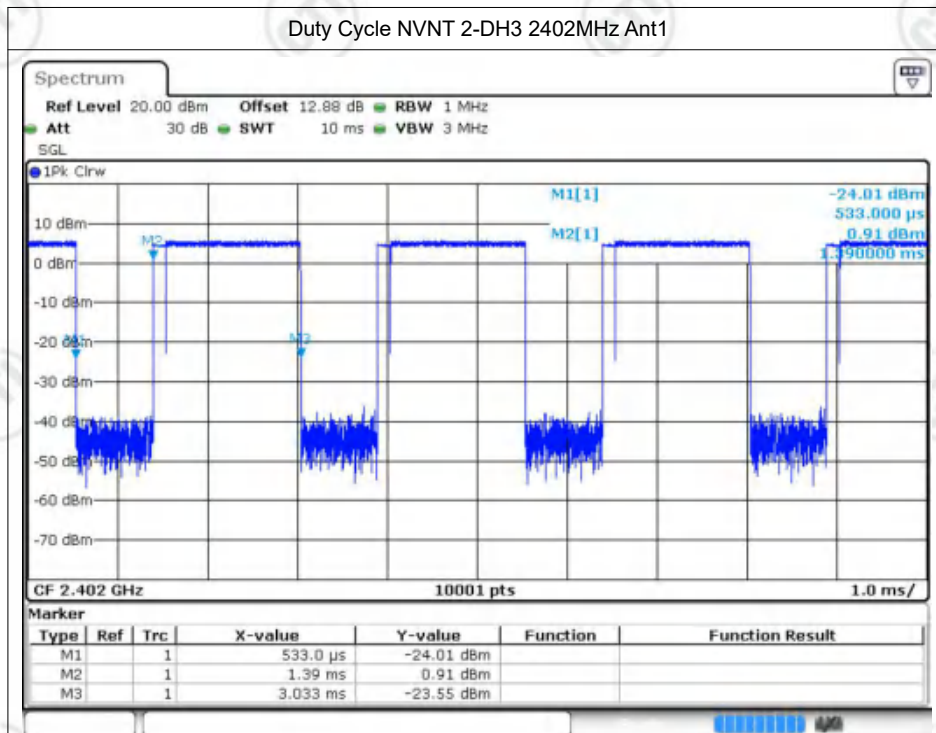


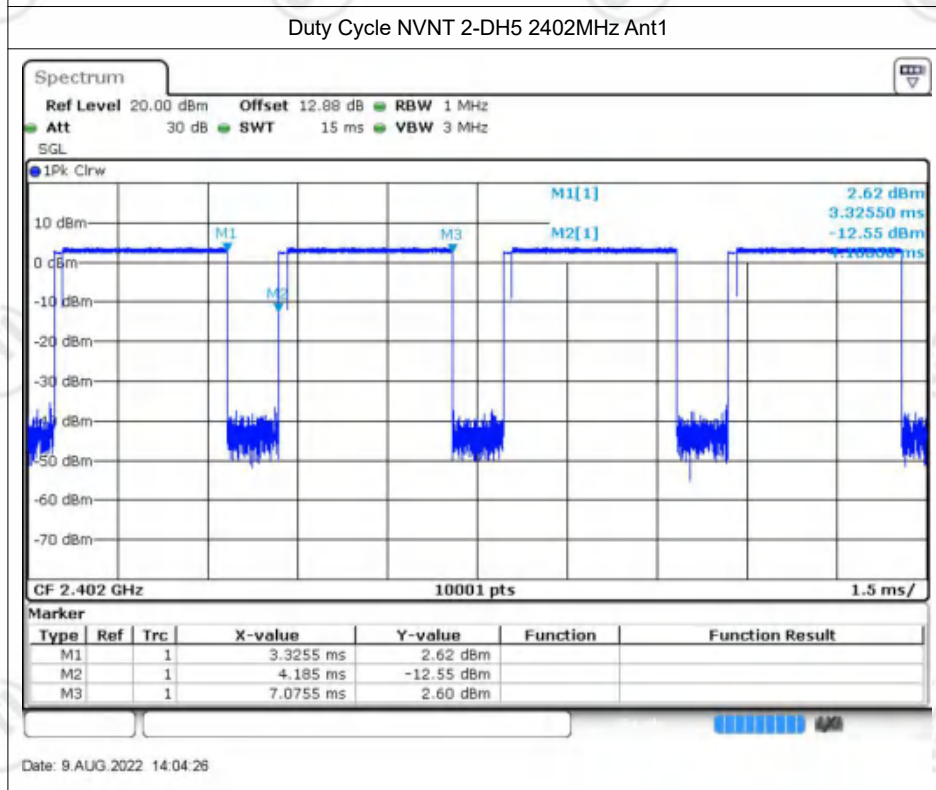
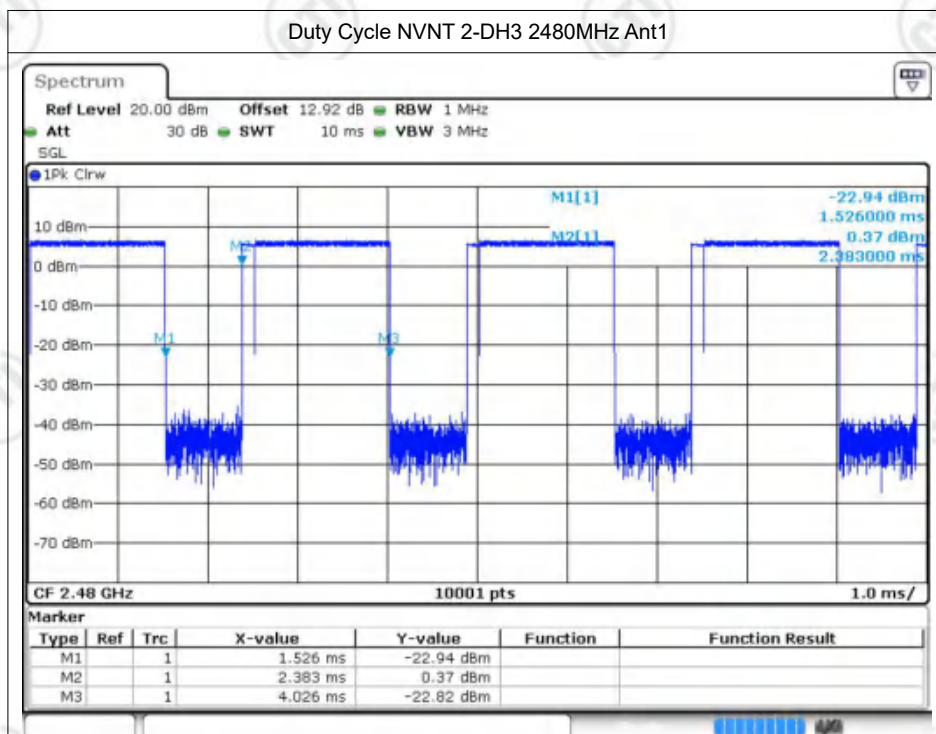


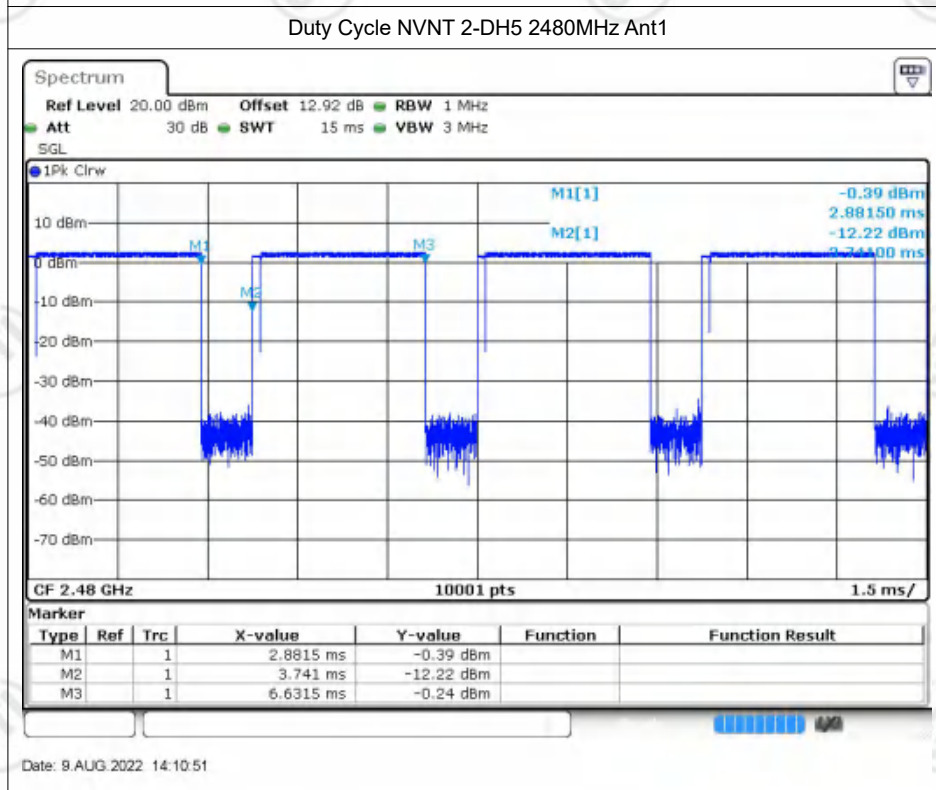
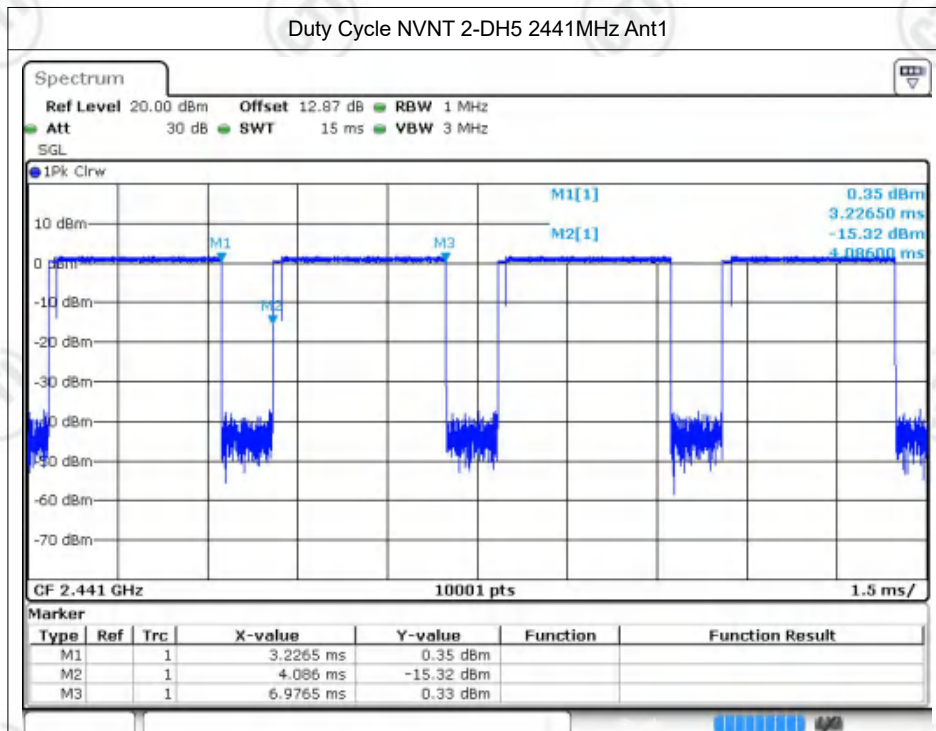
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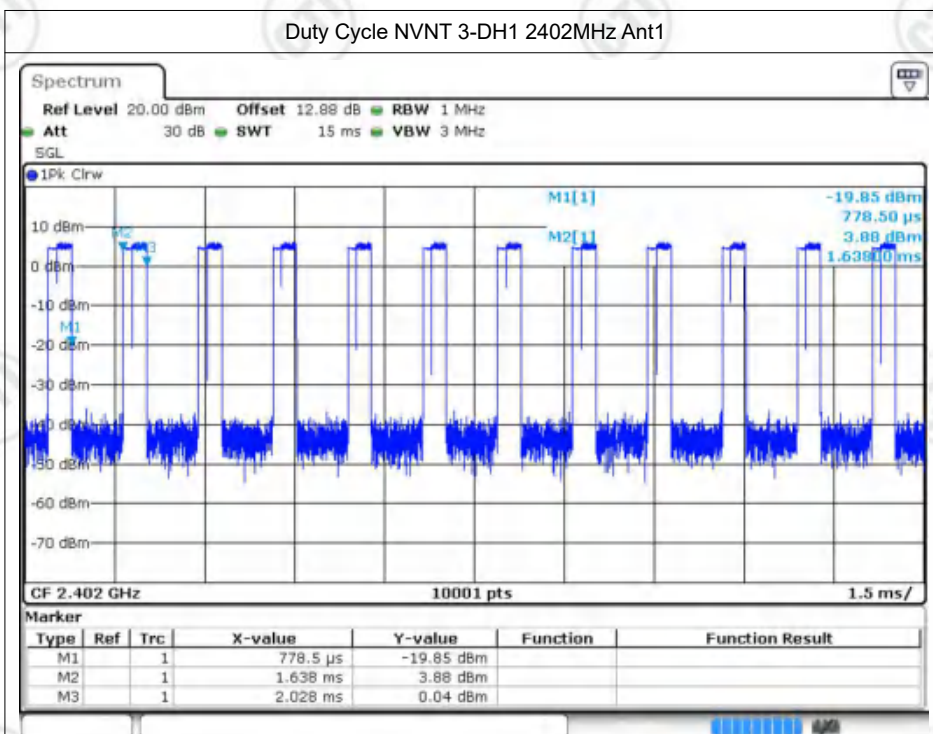
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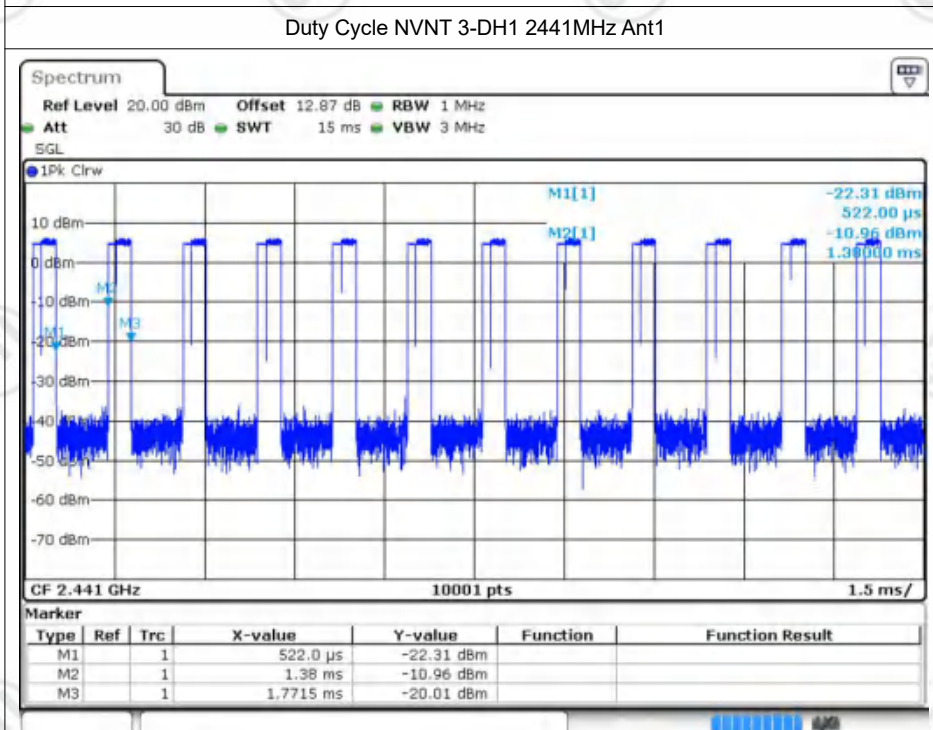


Duty Cycle NVNT 3-DH1 2402MHz Ant1

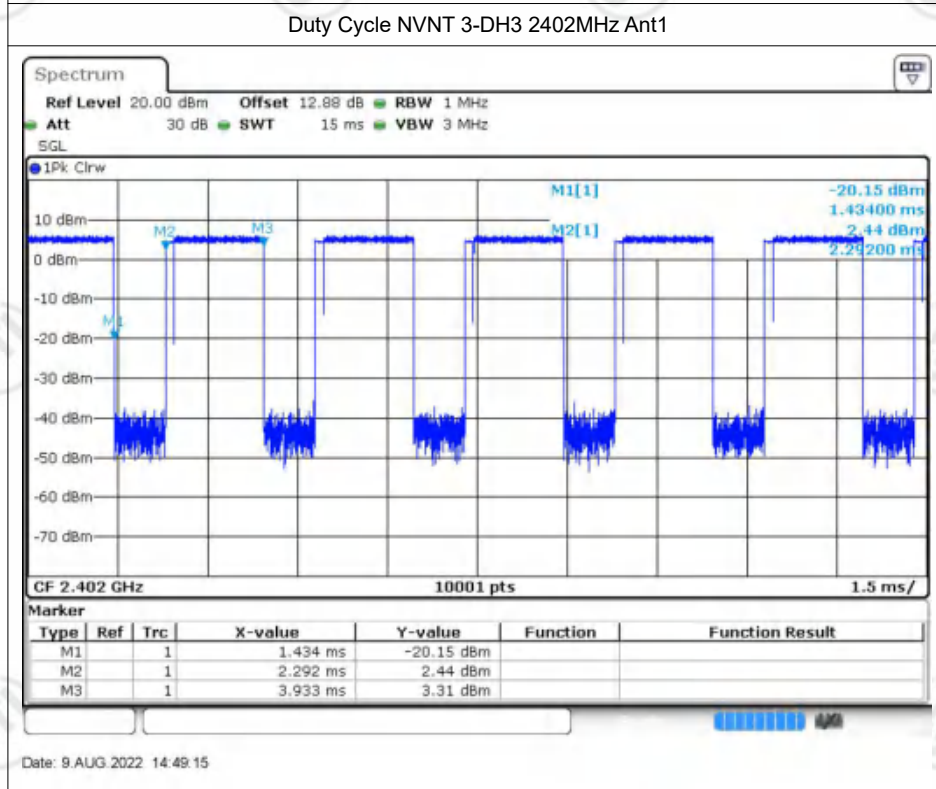
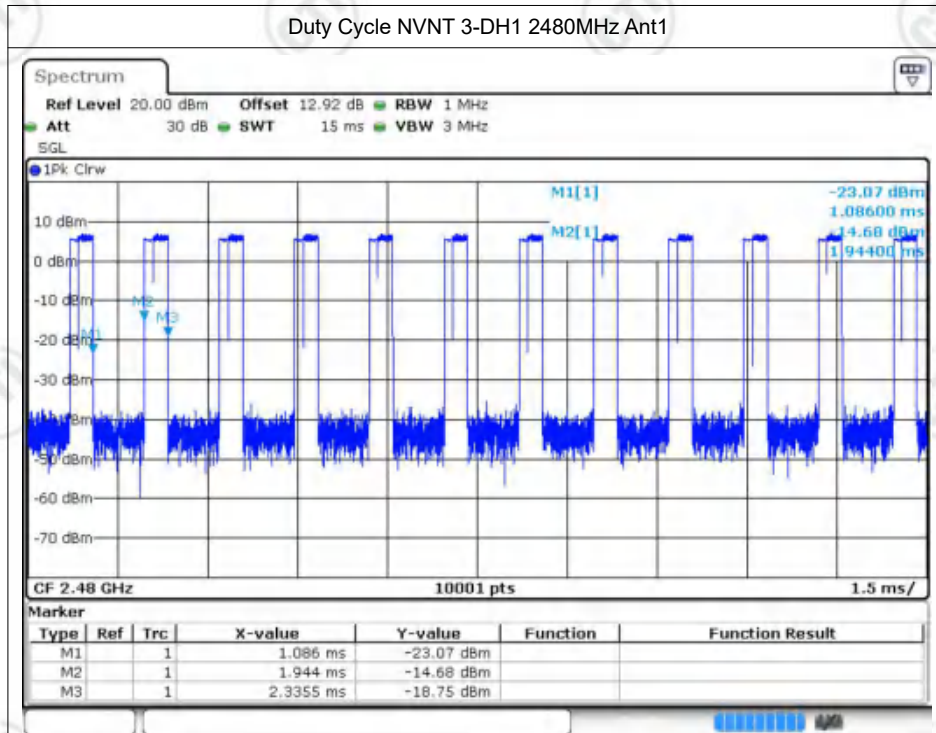


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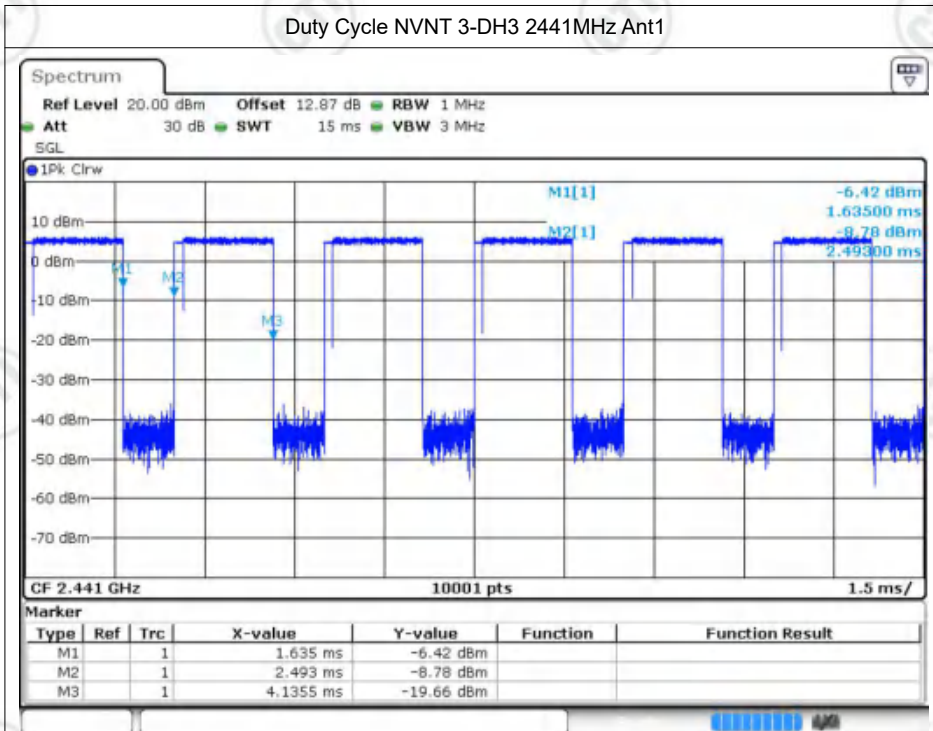
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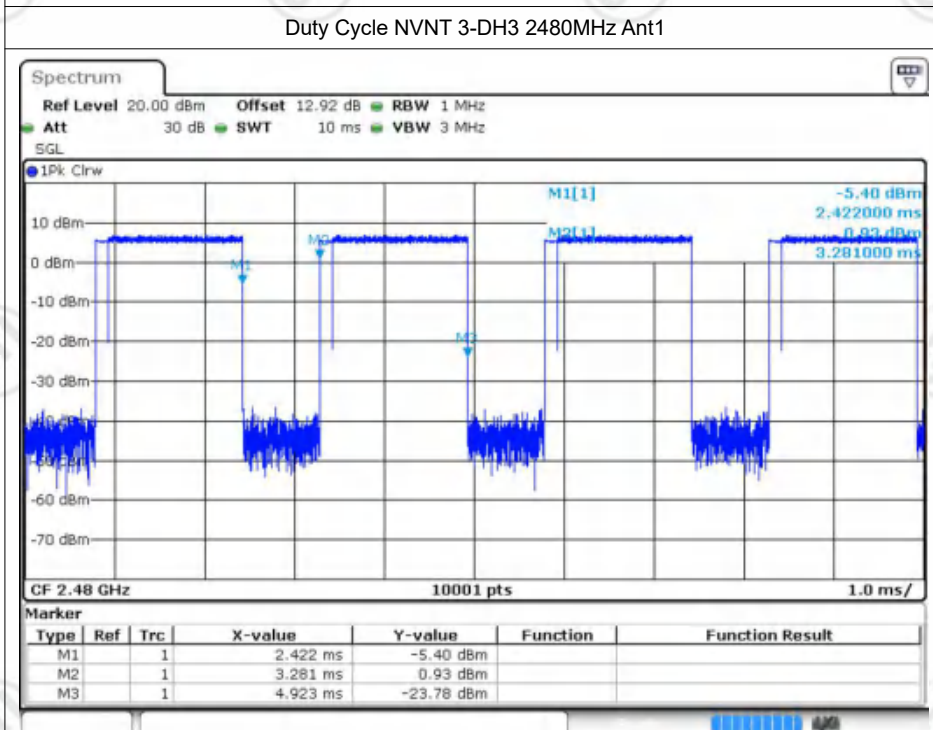


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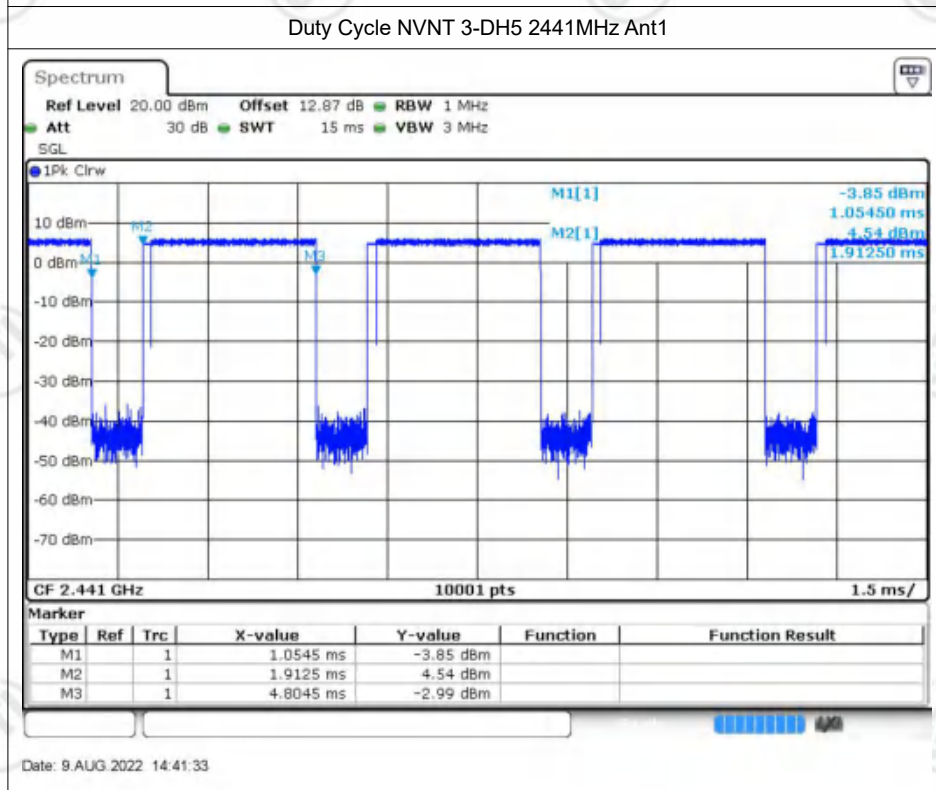
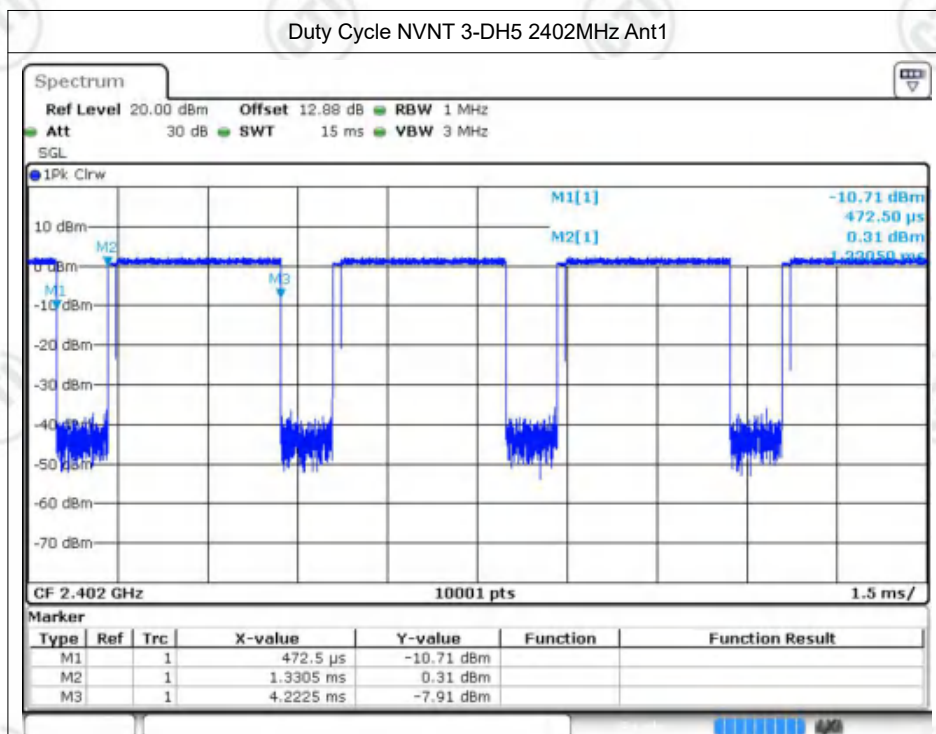


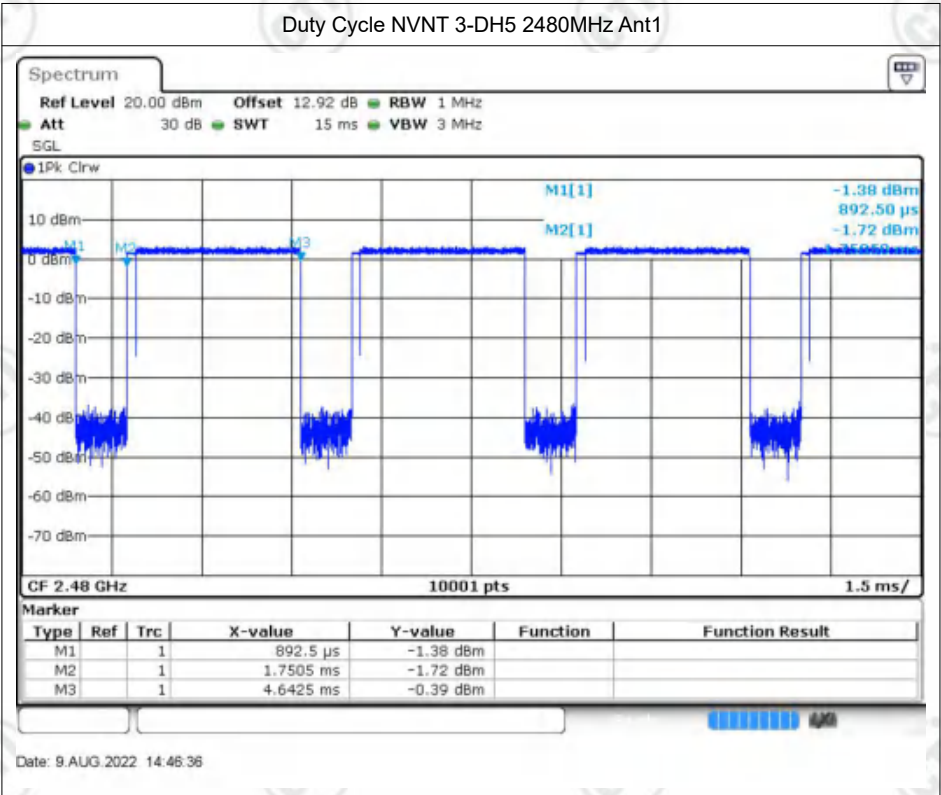
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Duty Cycle NVNT 3-DH3 2480MHz Ant1



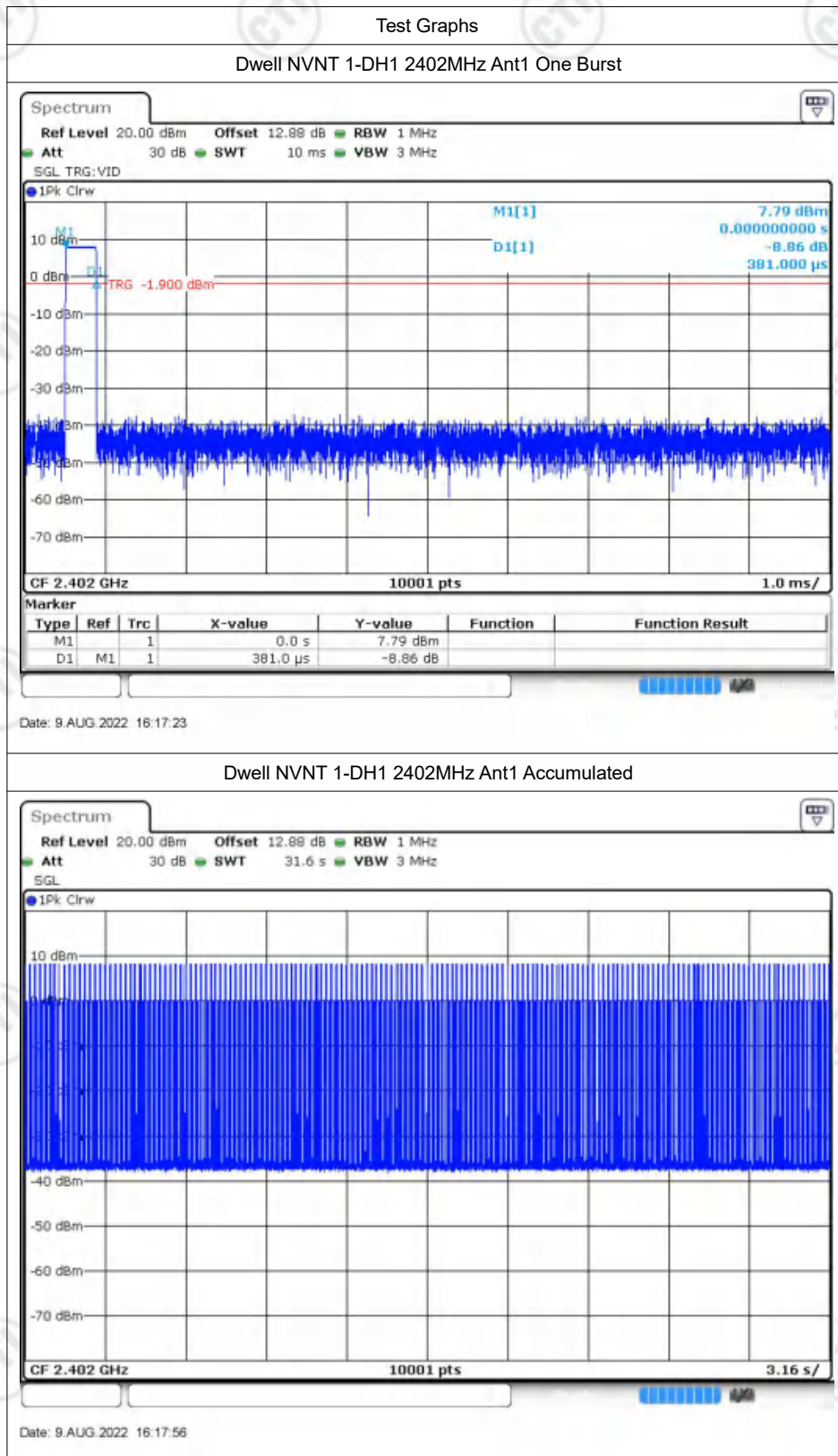
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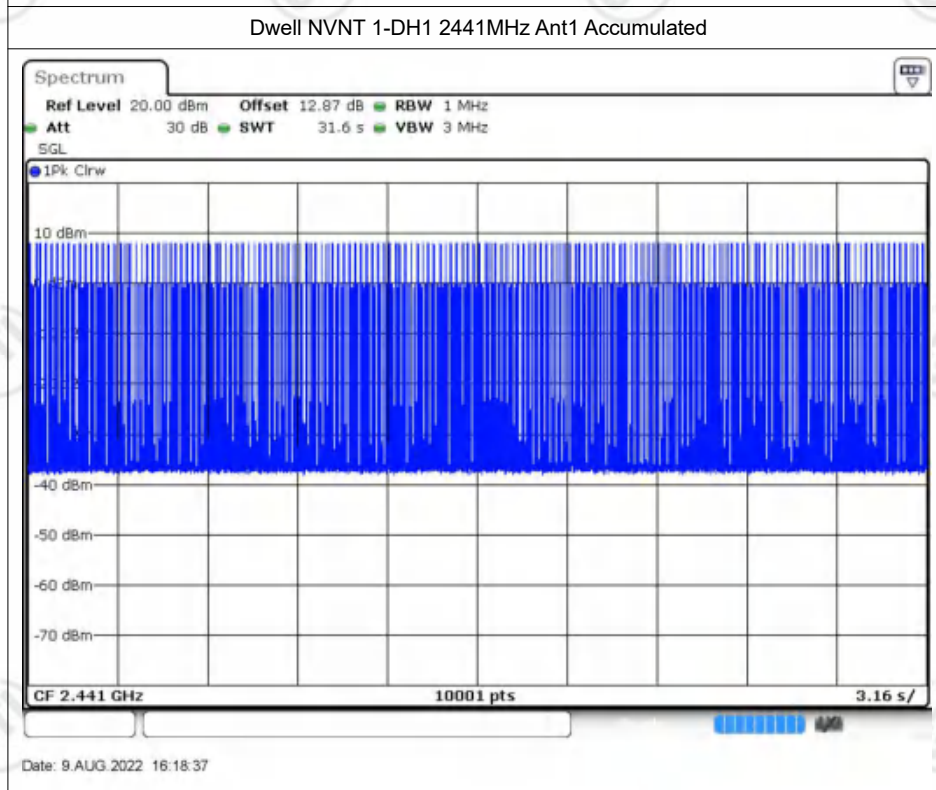
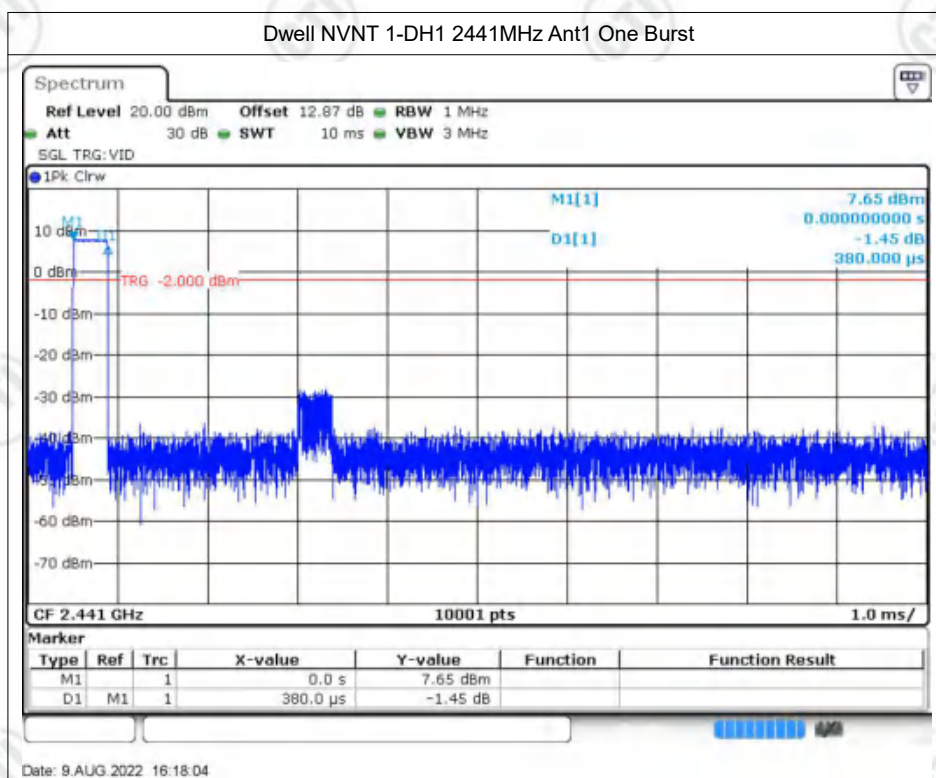


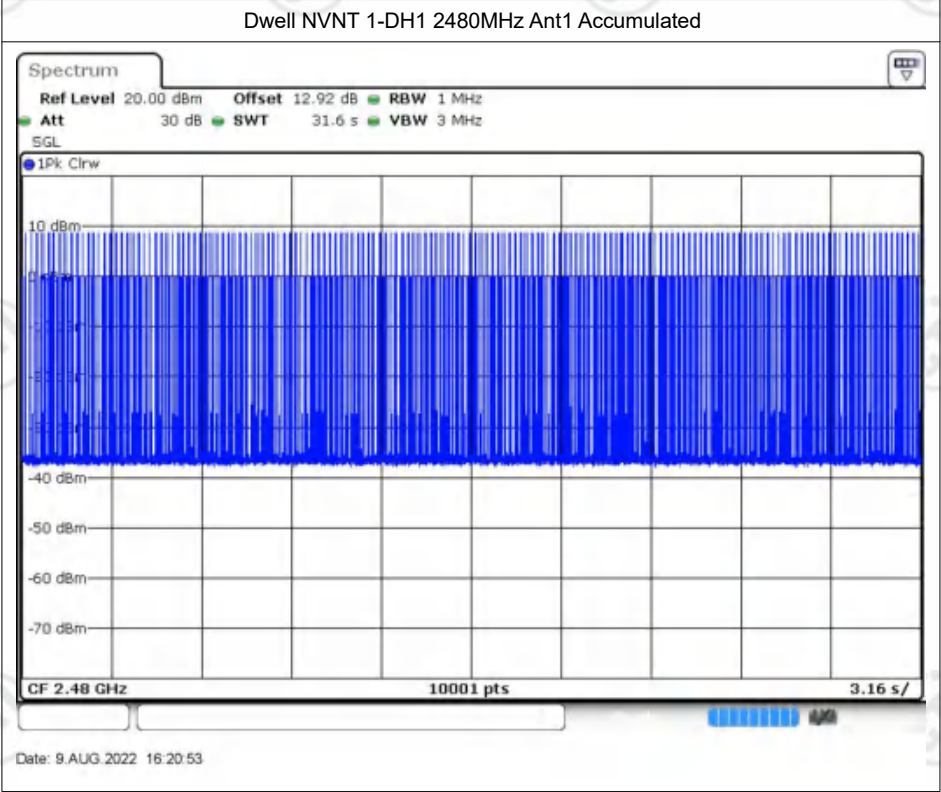
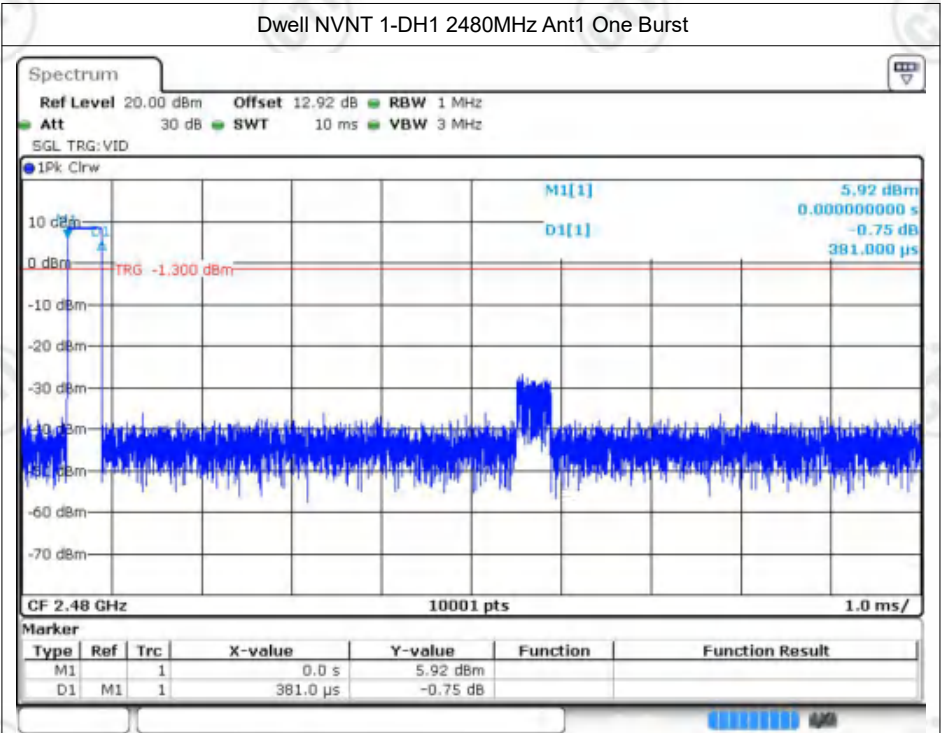


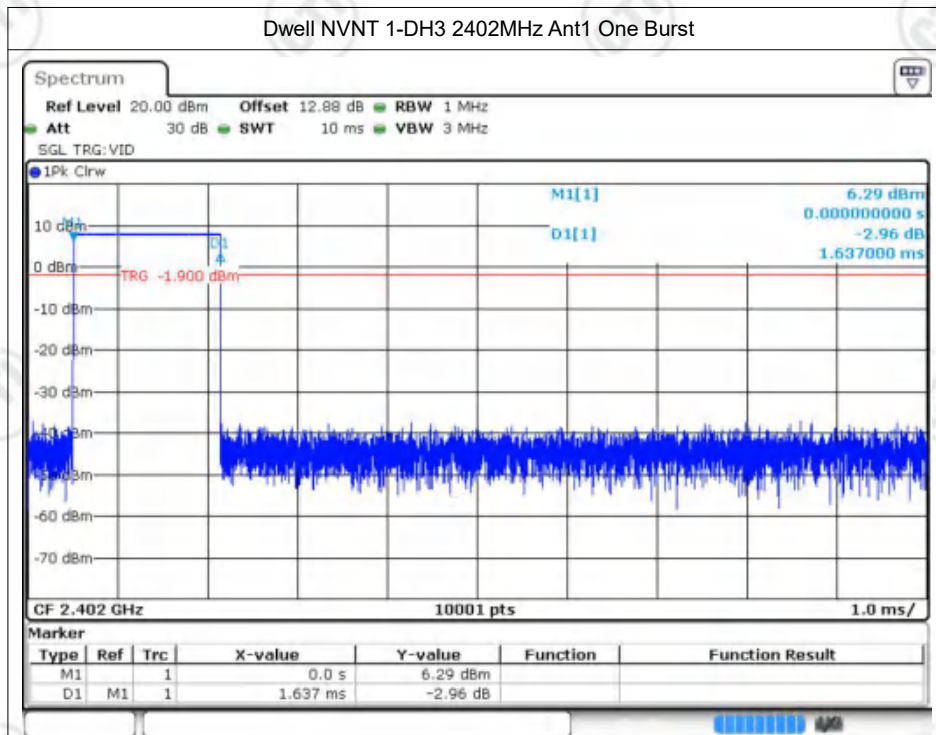
Dwell Time

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2402	Ant1	0.381	121.539	319	31600	400	Pass
NVNT	1-DH1	2441	Ant1	0.38	120.46	317	31600	400	Pass
NVNT	1-DH1	2480	Ant1	0.381	121.539	319	31600	400	Pass
NVNT	1-DH3	2402	Ant1	1.637	263.557	161	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.637	245.55	150	31600	400	Pass
NVNT	1-DH3	2480	Ant1	1.637	250.461	153	31600	400	Pass
NVNT	1-DH5	2402	Ant1	2.884	297.052	103	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.884	279.748	97	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.884	328.776	114	31600	400	Pass
NVNT	2-DH1	2402	Ant1	0.389	123.702	318	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.39	124.02	318	31600	400	Pass
NVNT	2-DH1	2480	Ant1	0.389	123.313	317	31600	400	Pass
NVNT	2-DH3	2402	Ant1	1.641	259.278	158	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.641	265.842	162	31600	400	Pass
NVNT	2-DH3	2480	Ant1	1.641	260.919	159	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.889	300.456	104	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.889	280.233	97	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.889	291.789	101	31600	400	Pass
NVNT	3-DH1	2402	Ant1	0.389	123.702	318	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.389	122.924	316	31600	400	Pass
NVNT	3-DH1	2480	Ant1	0.389	123.702	318	31600	400	Pass
NVNT	3-DH3	2402	Ant1	1.64	255.84	156	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.64	252.56	154	31600	400	Pass
NVNT	3-DH3	2480	Ant1	1.64	259.12	158	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.891	300.664	104	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.891	303.555	105	31600	400	Pass
NVNT	3-DH5	2480	Ant1	2.891	349.811	121	31600	400	Pass

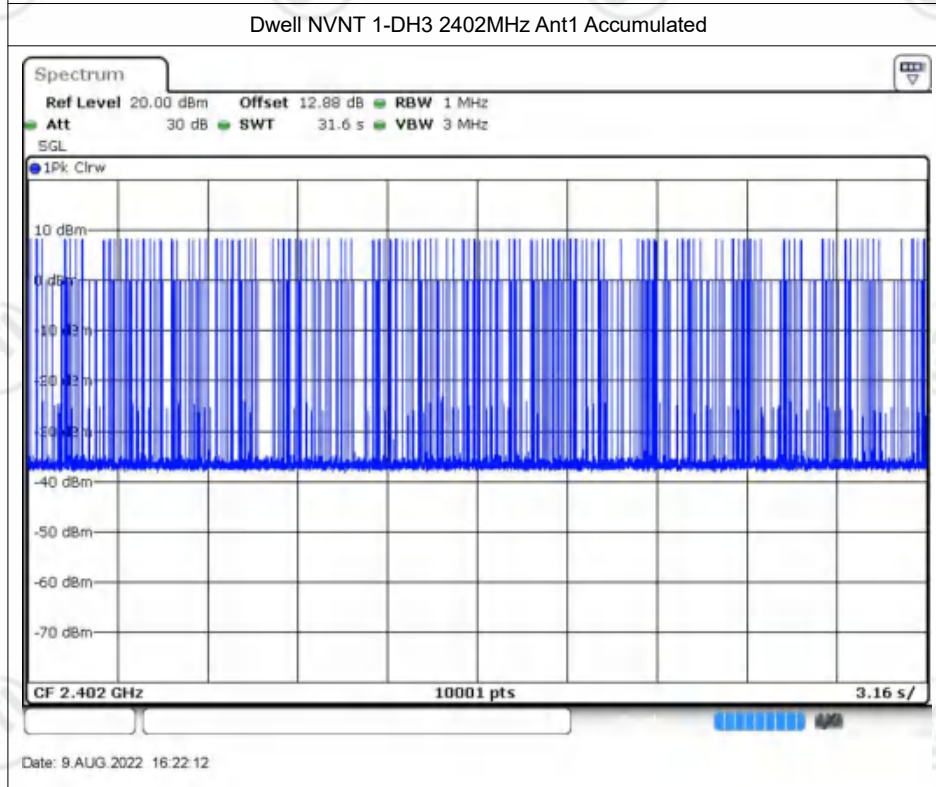




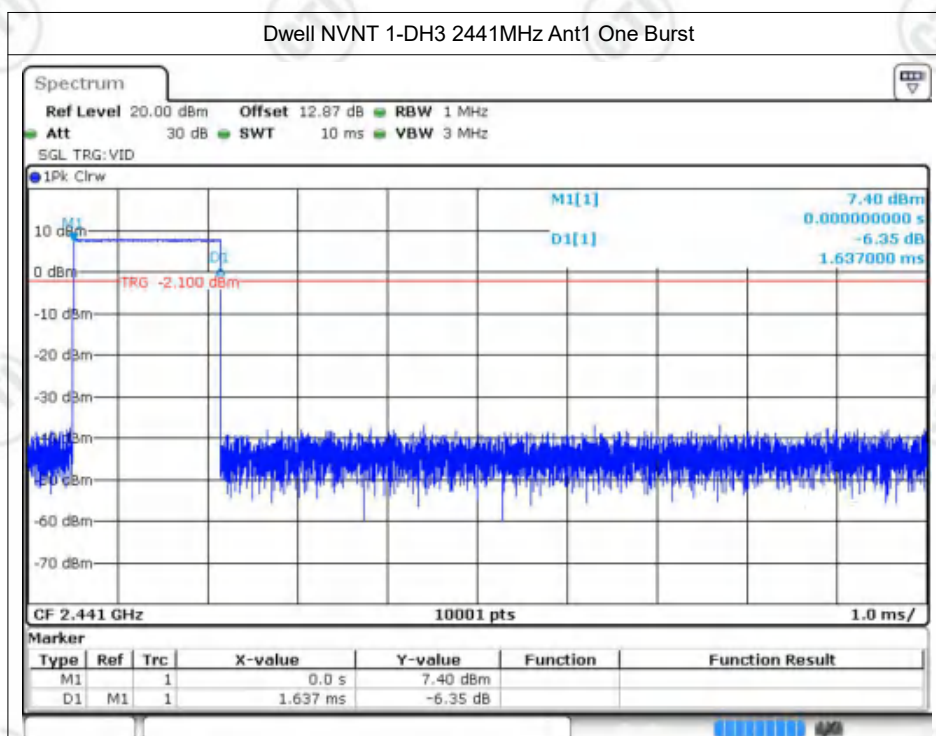




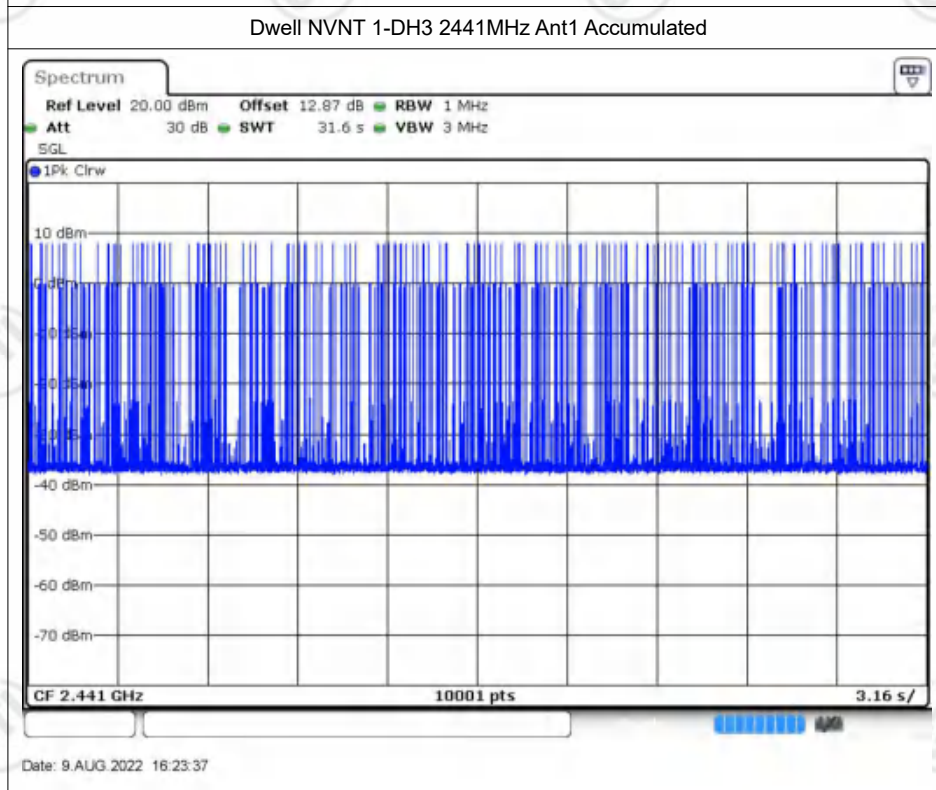
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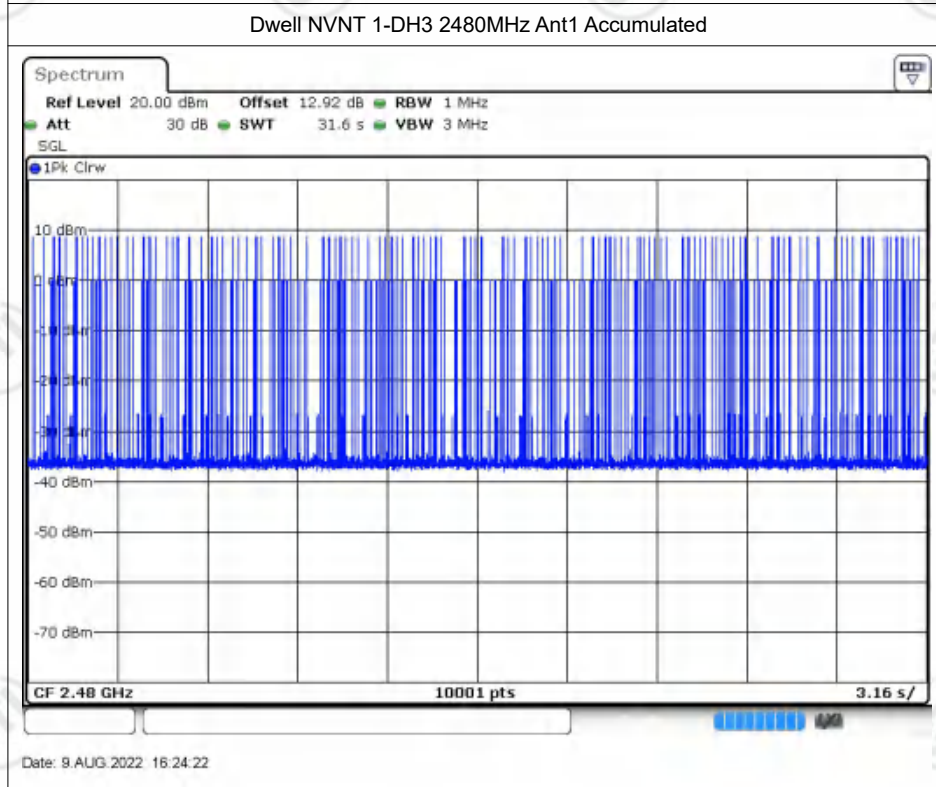
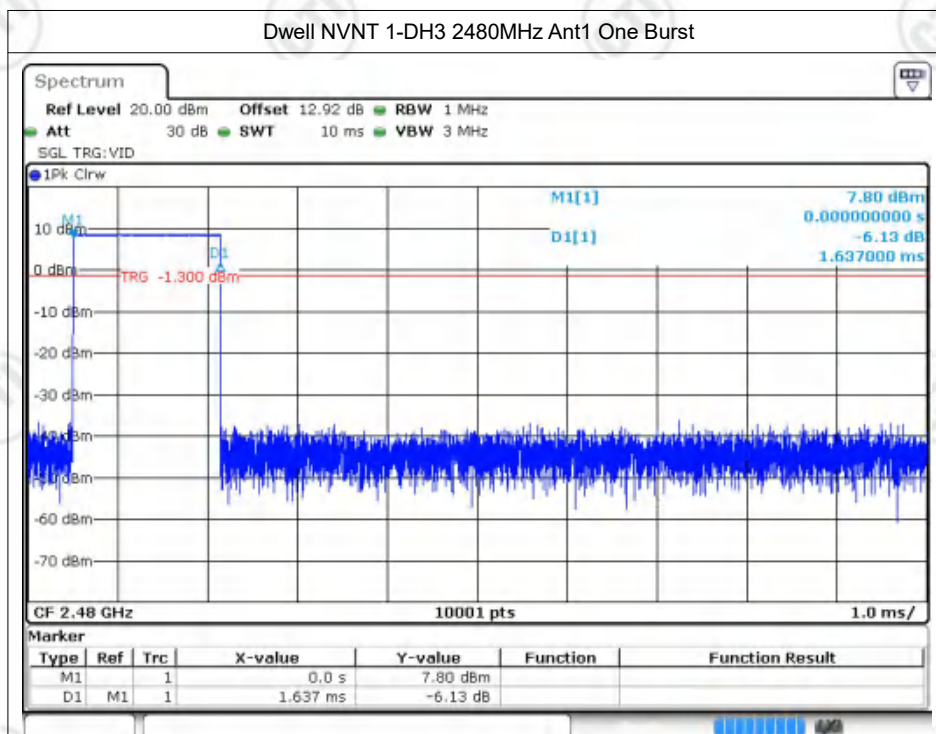
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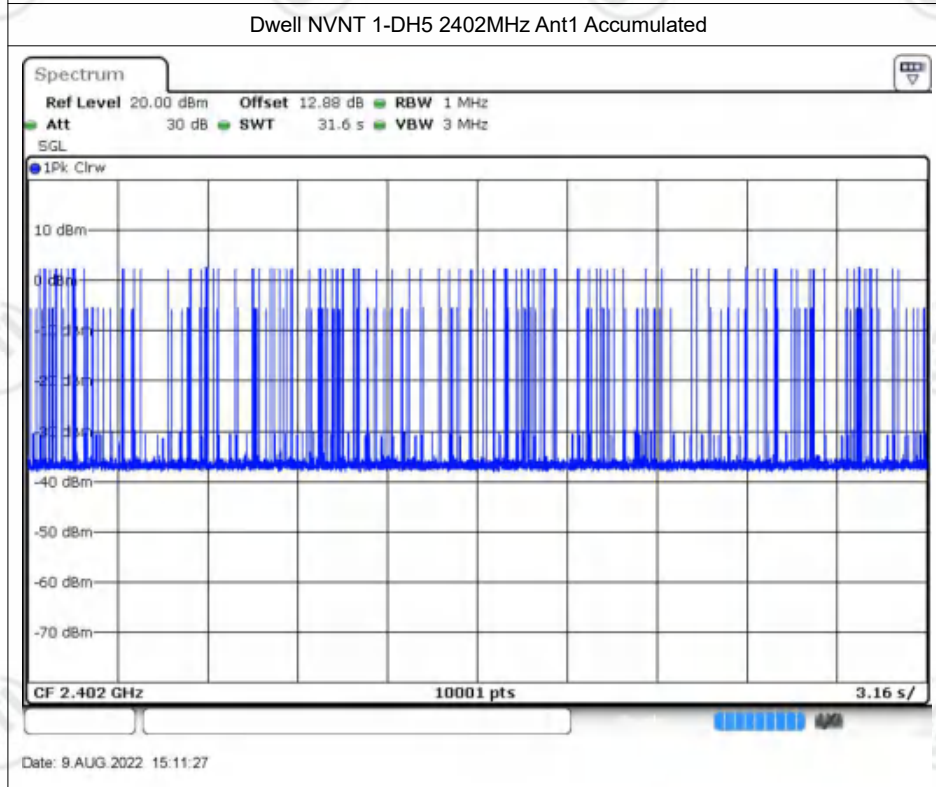
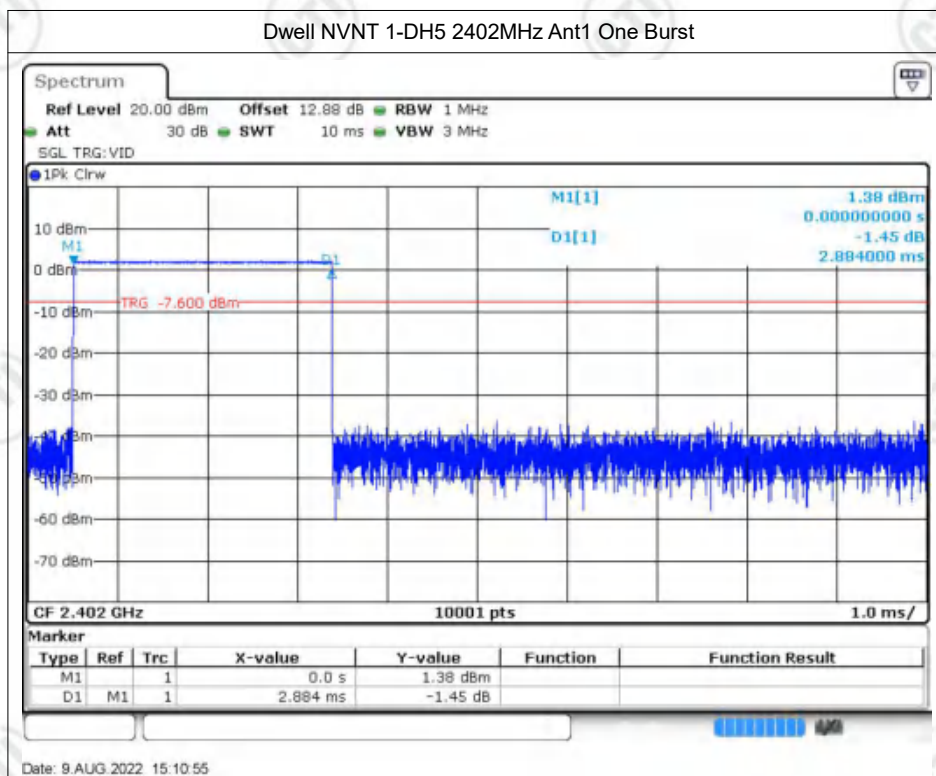


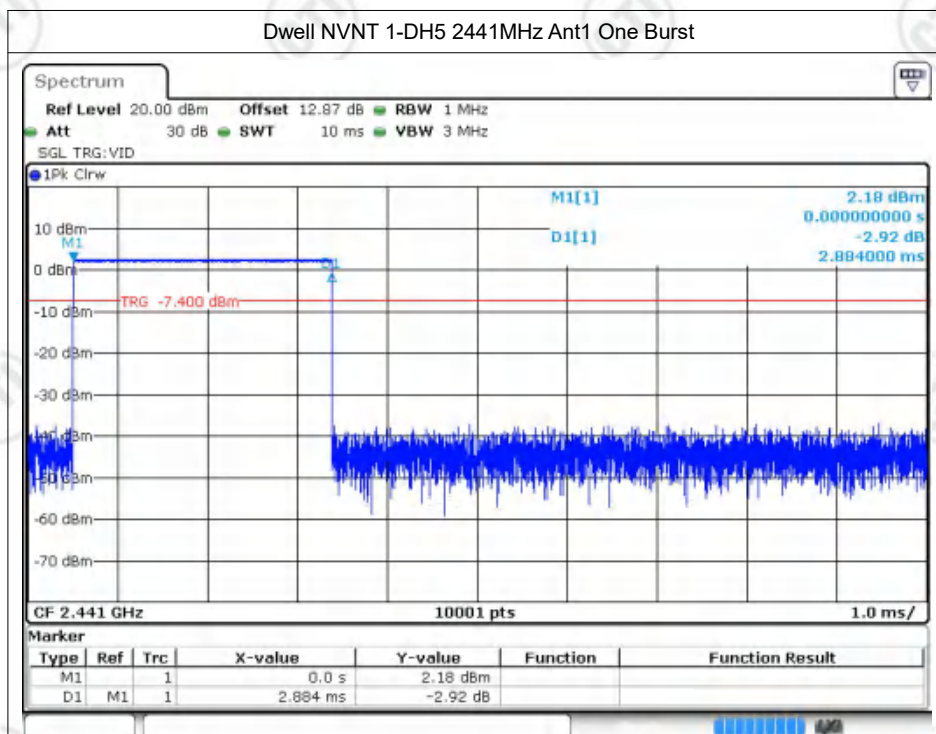
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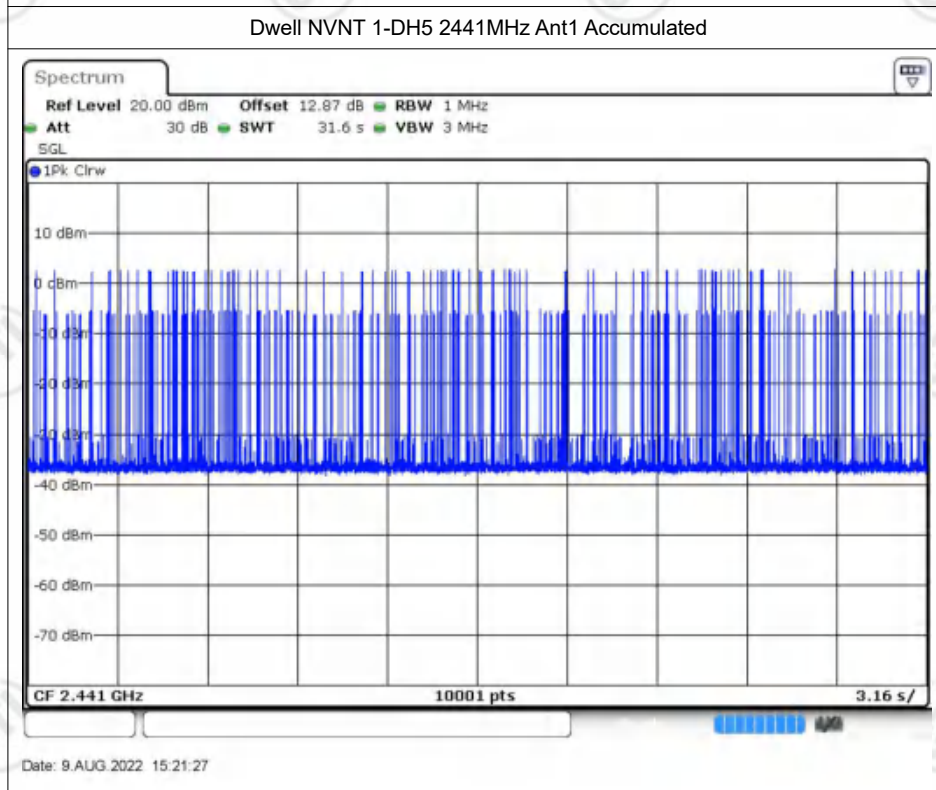
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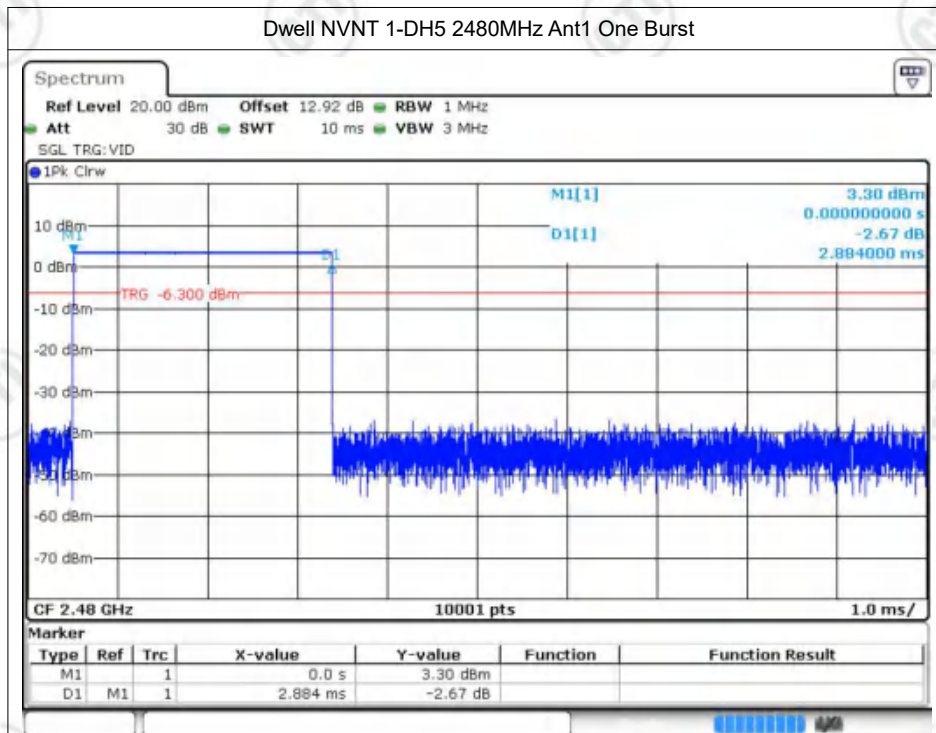




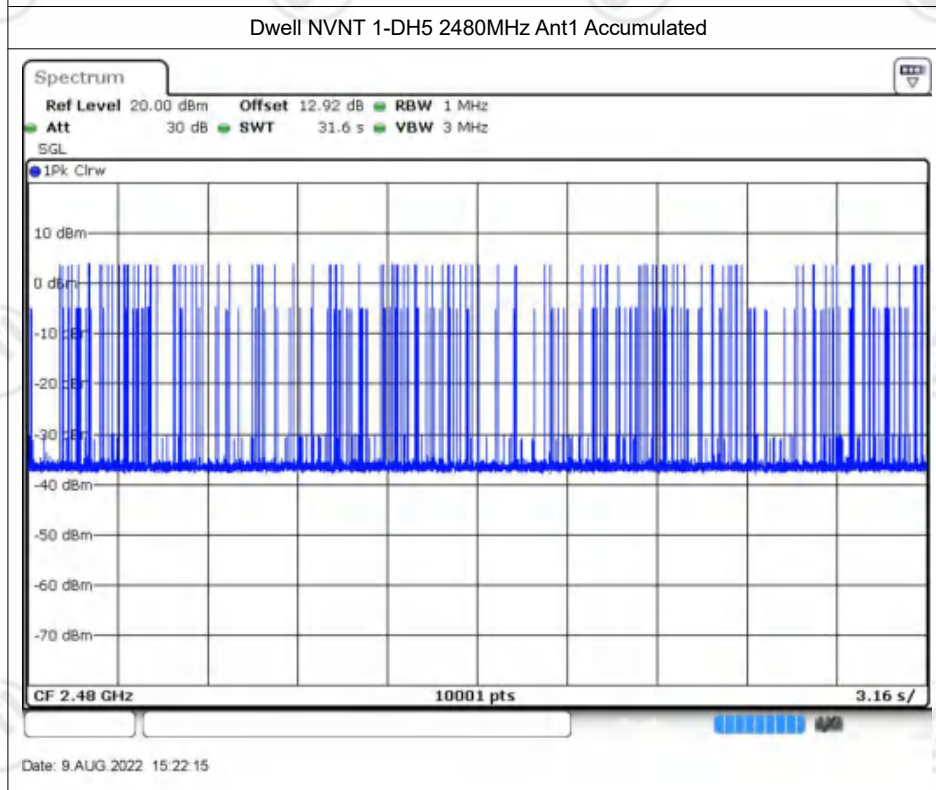
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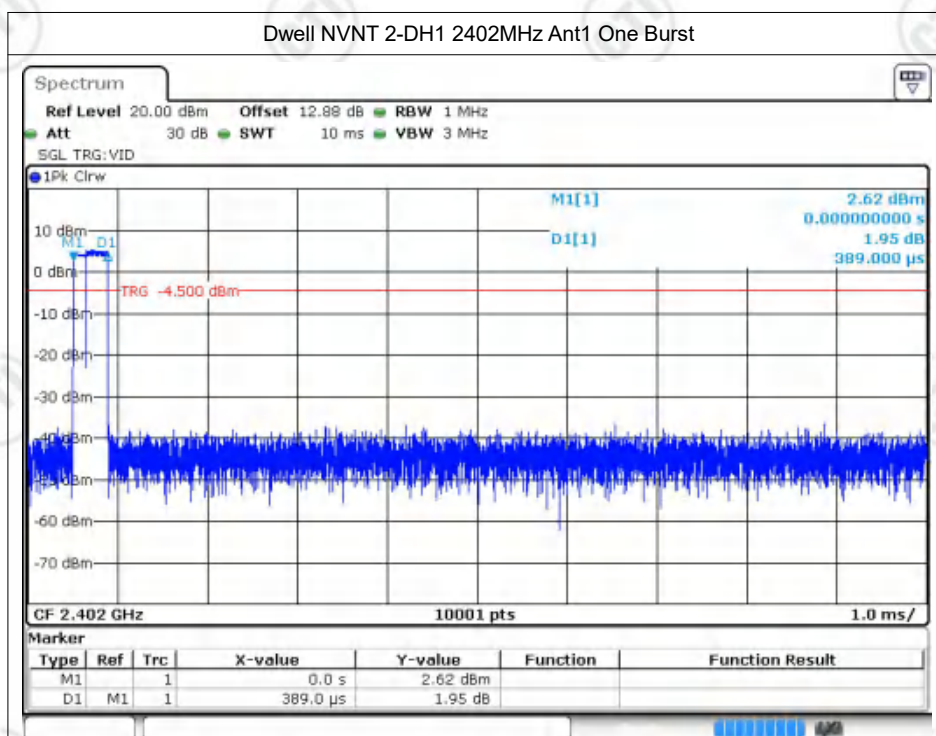
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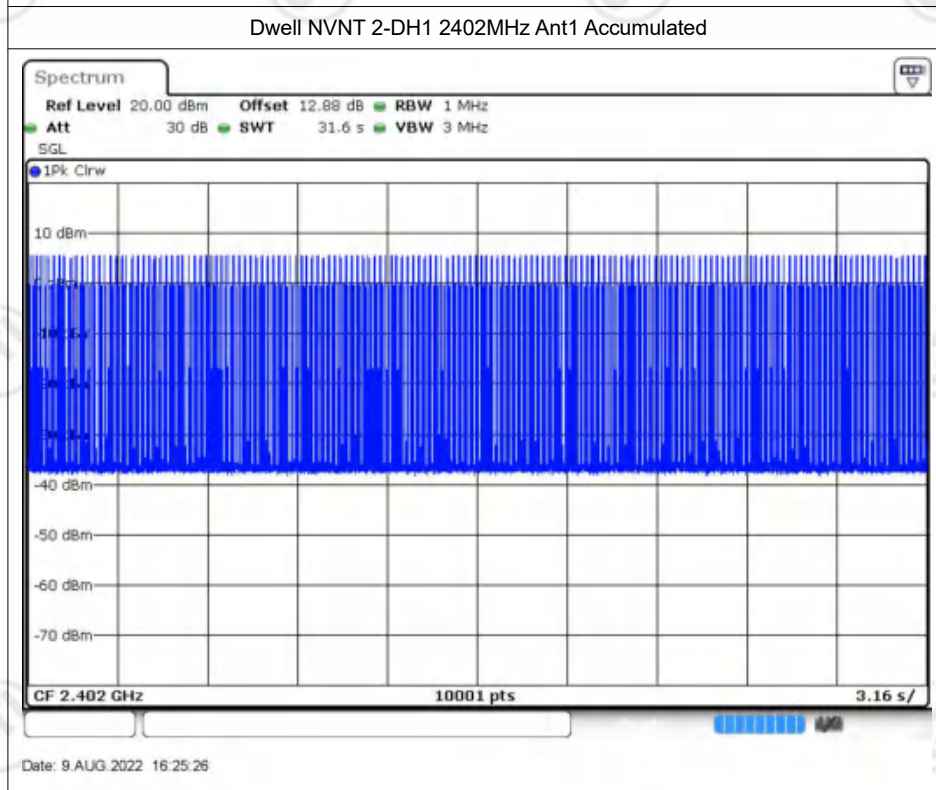
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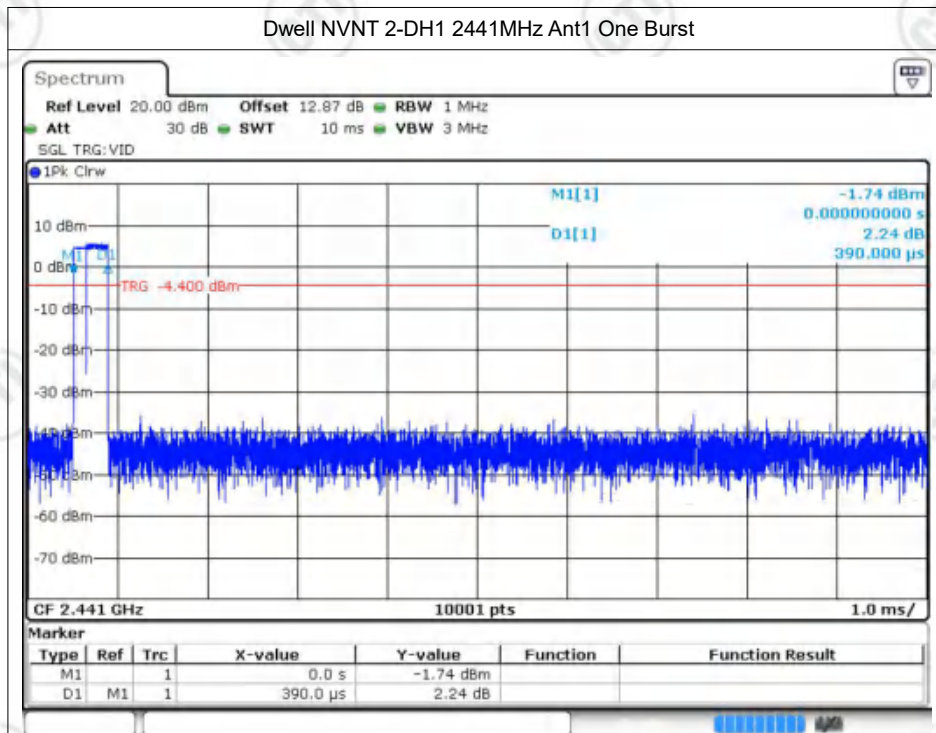
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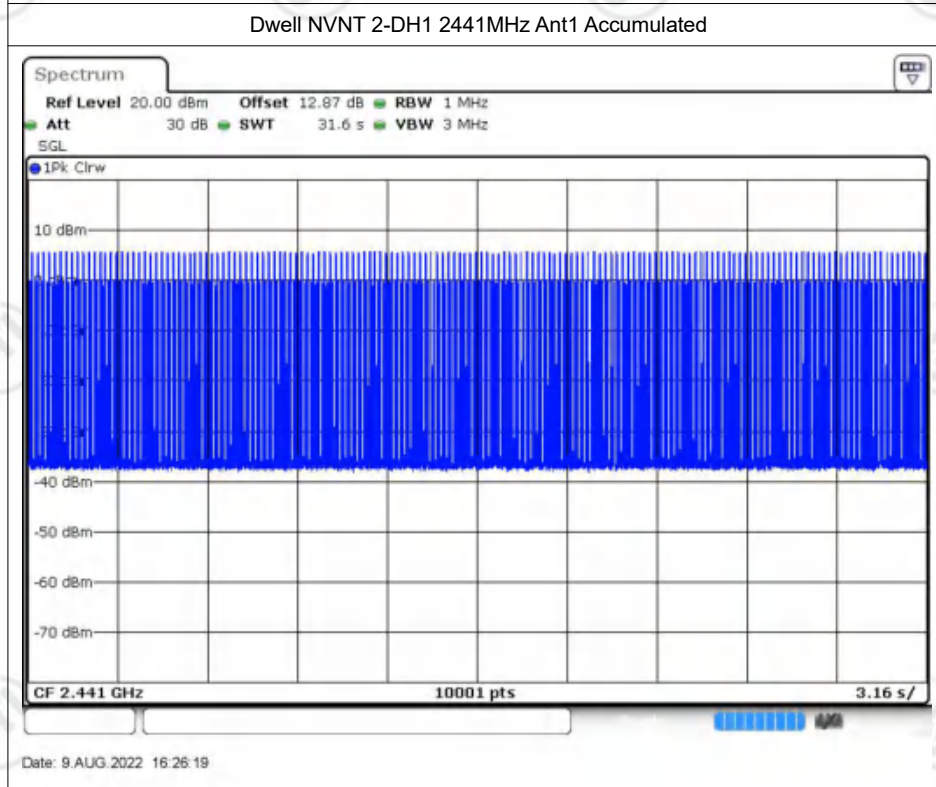
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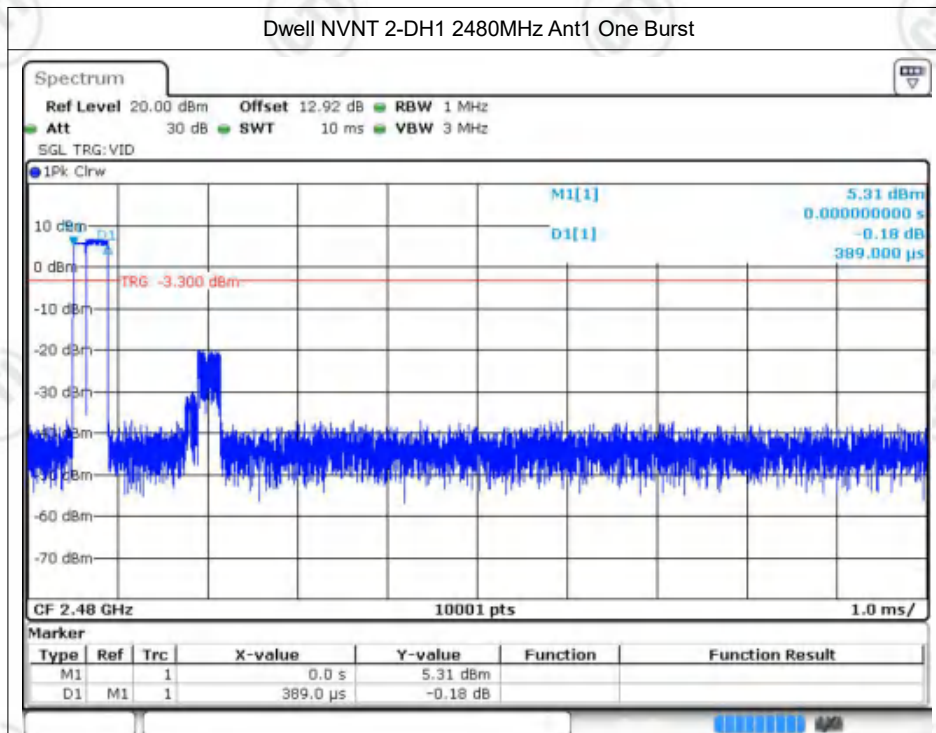
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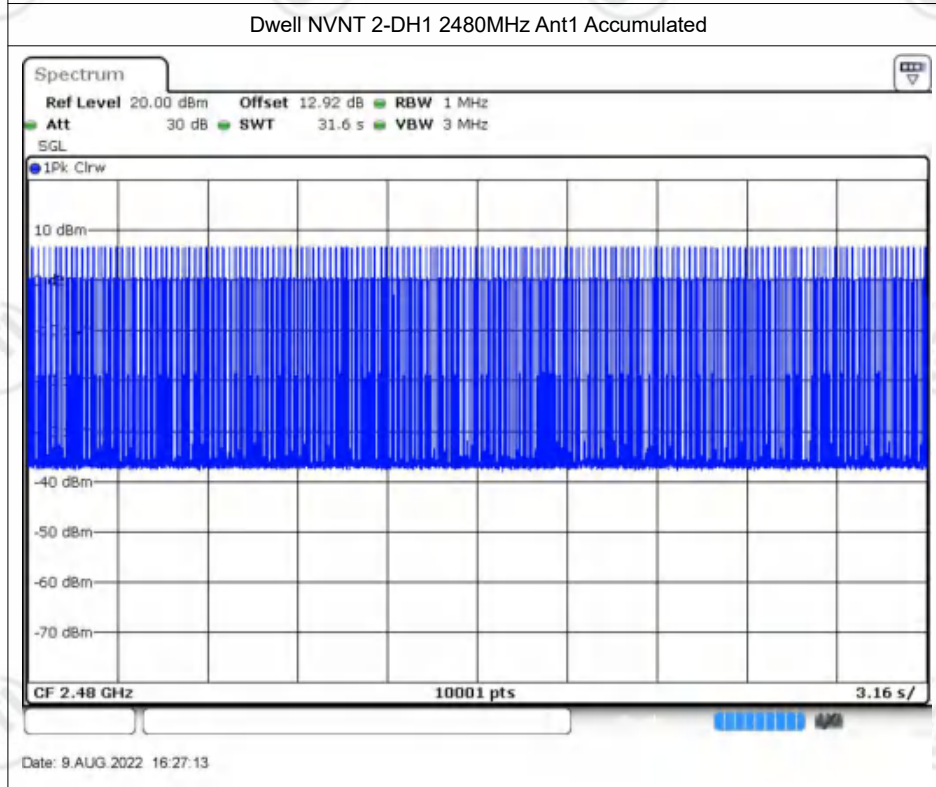
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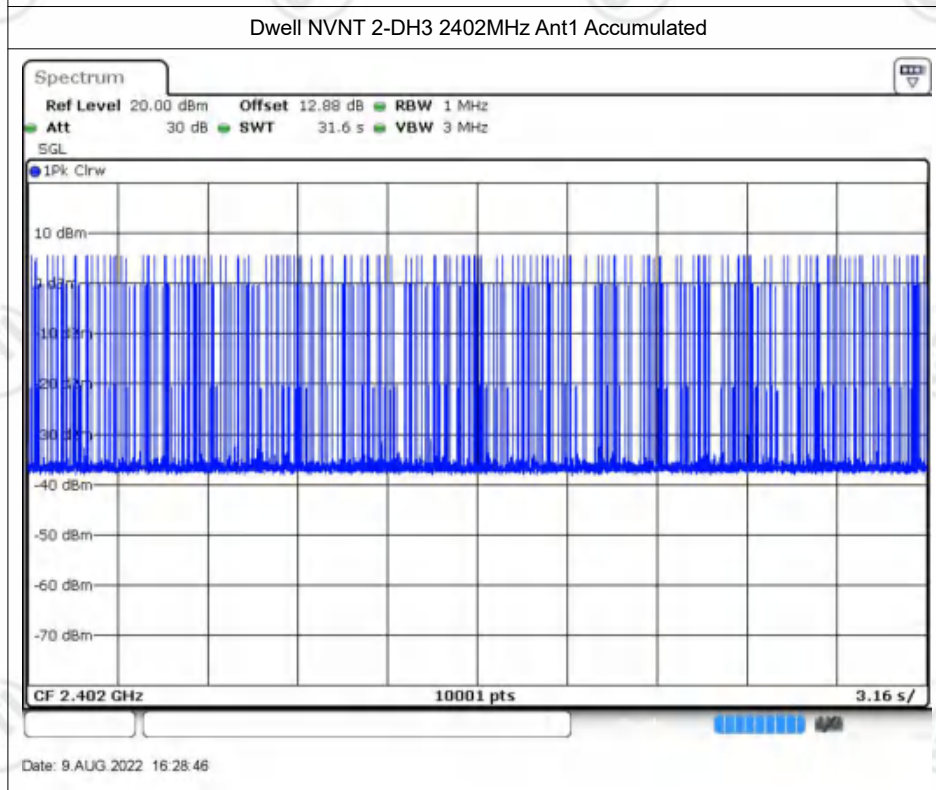
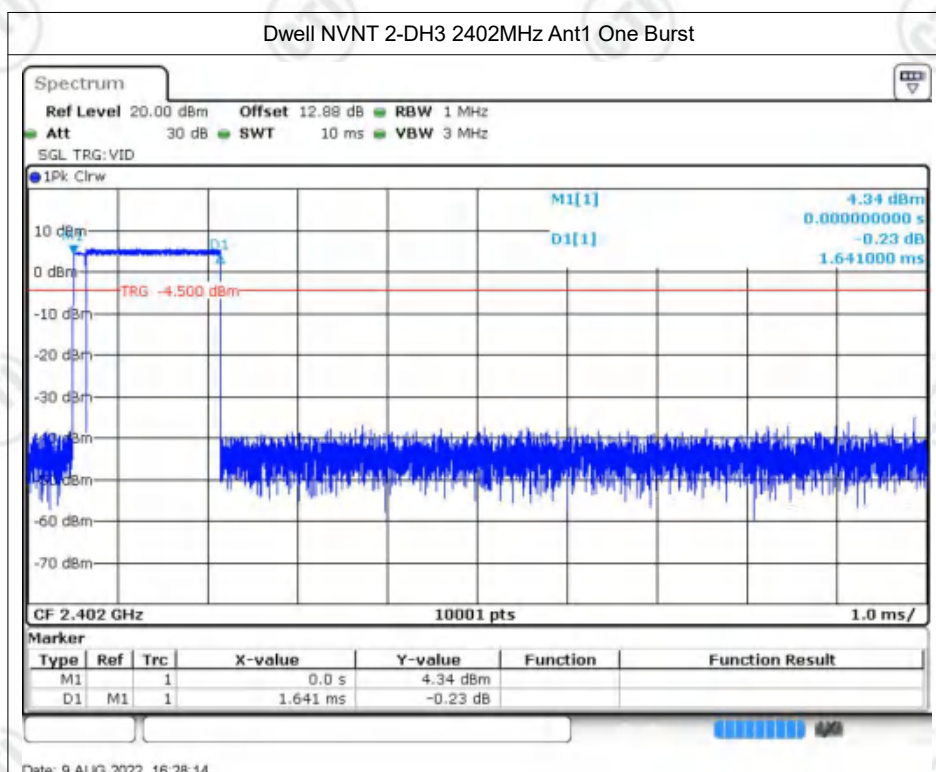
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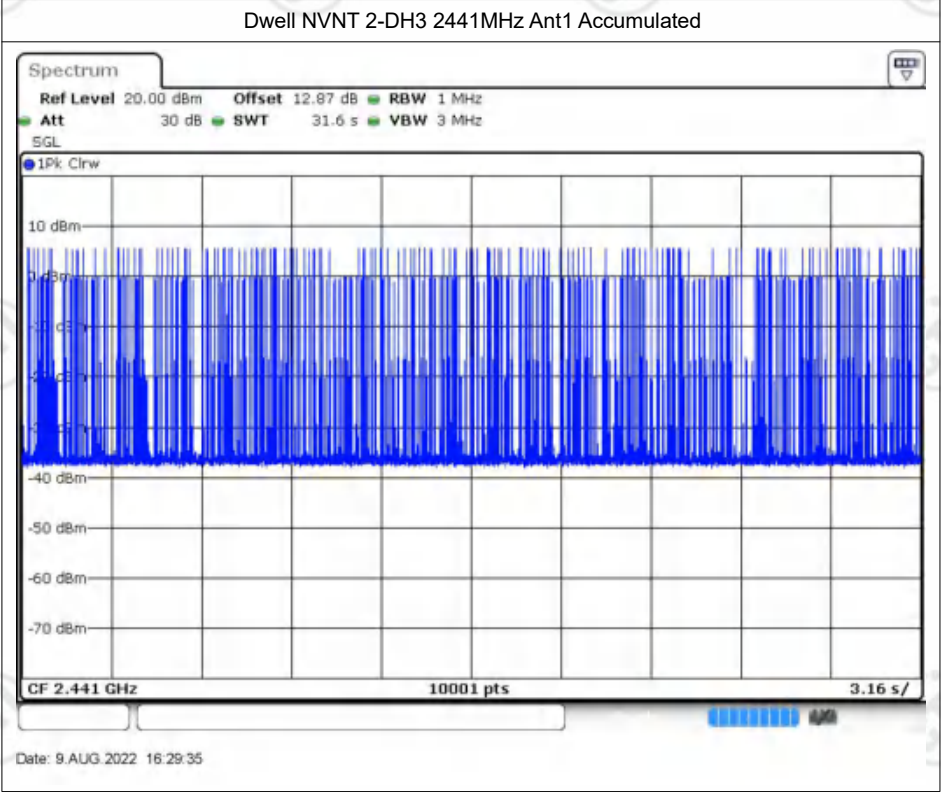
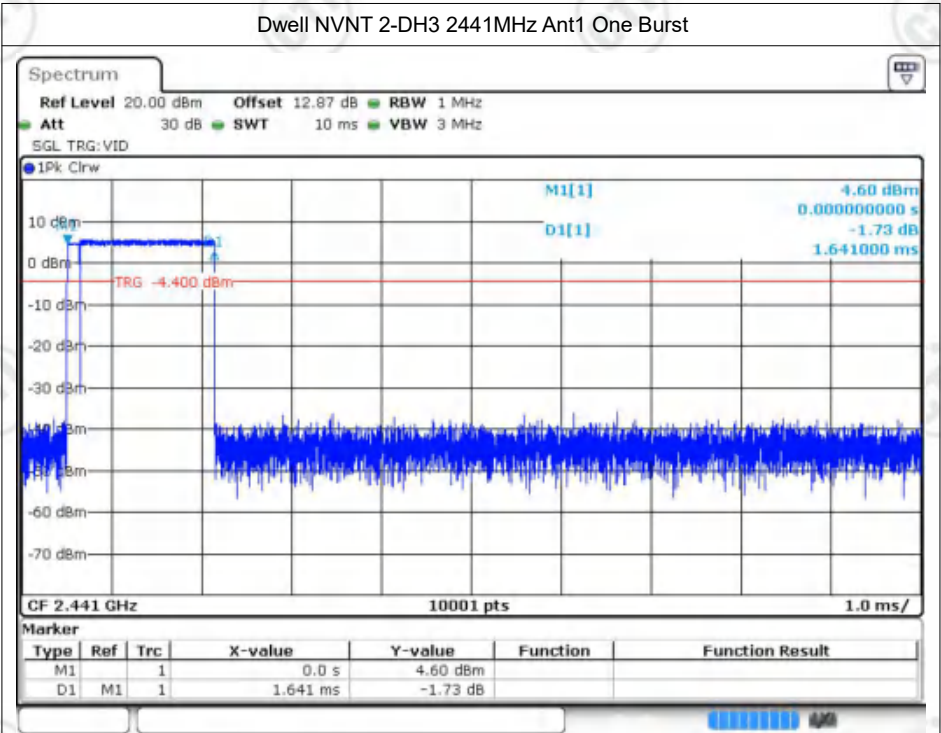


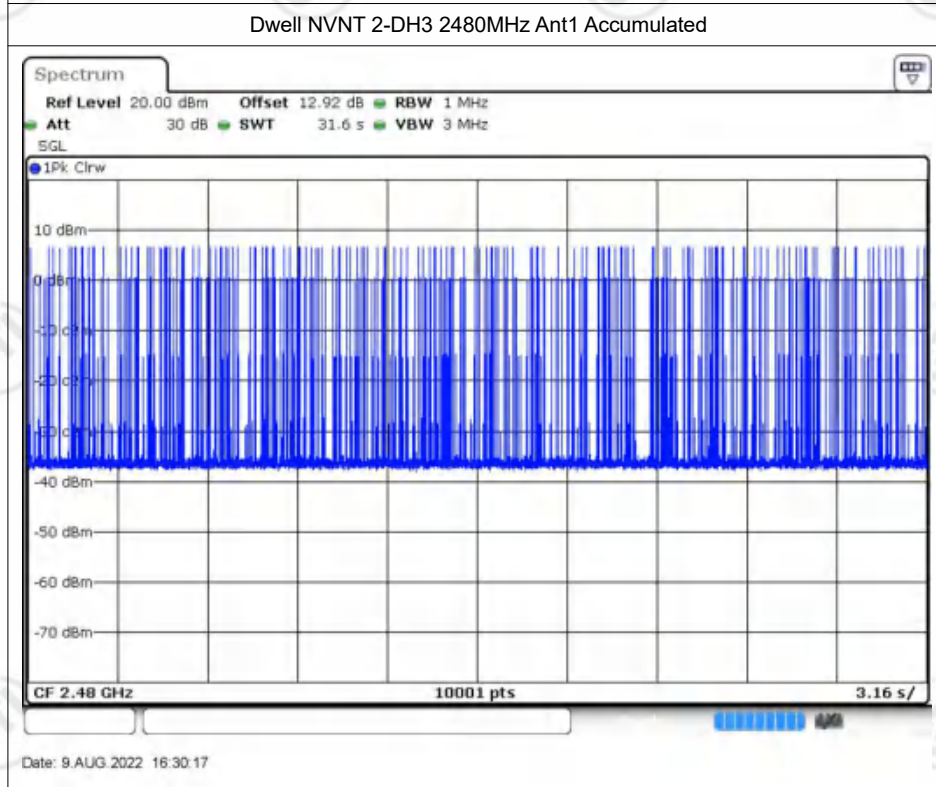
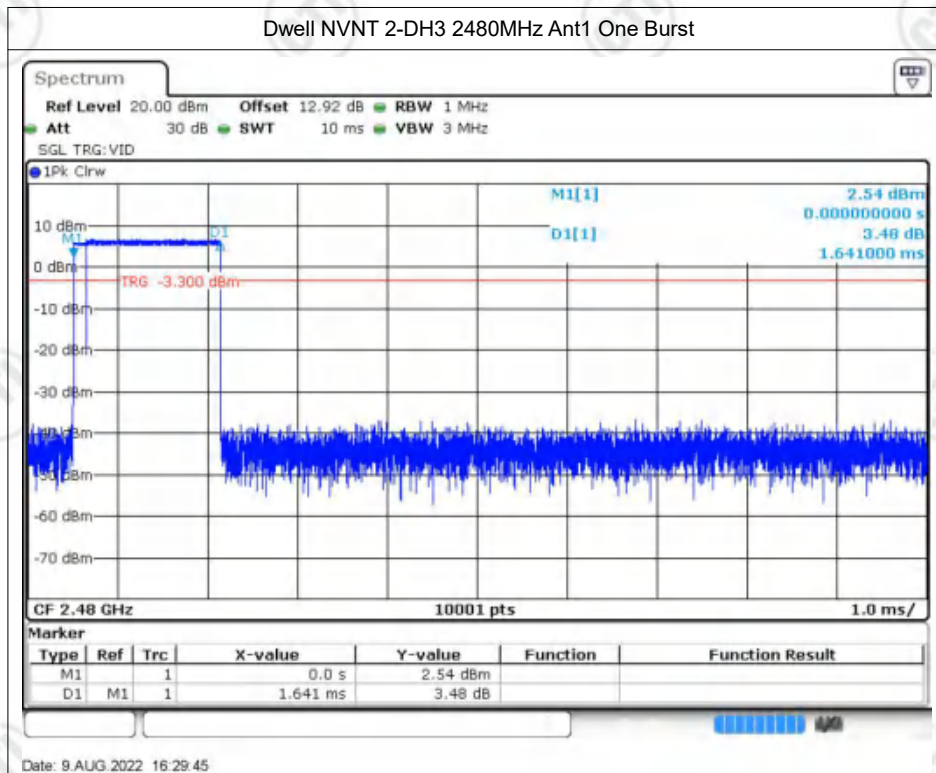
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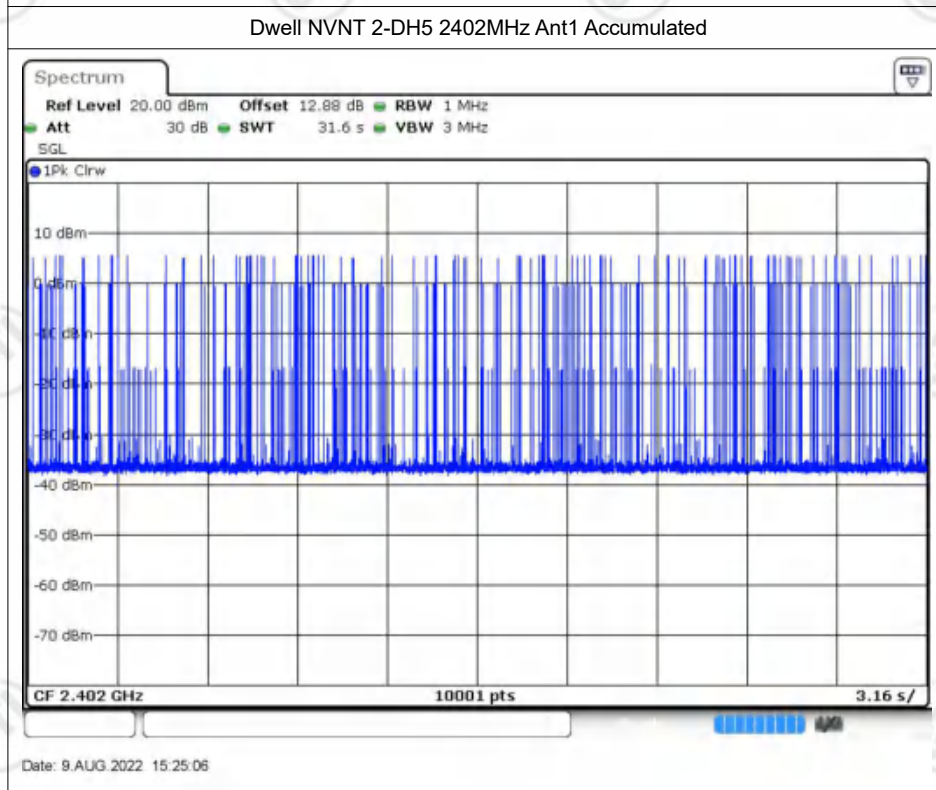
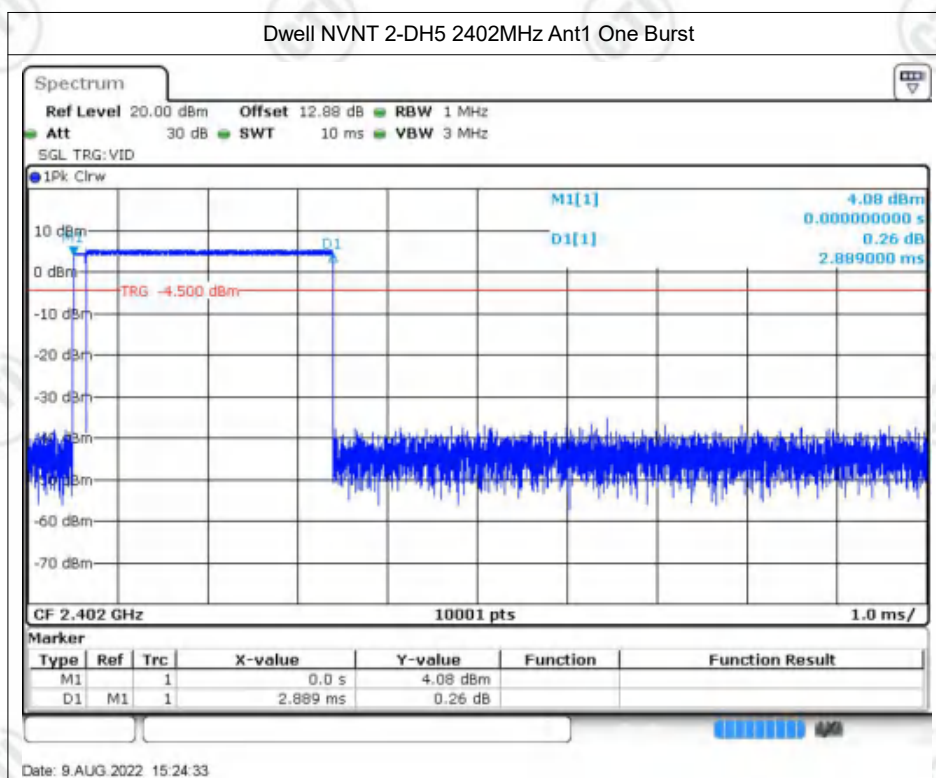


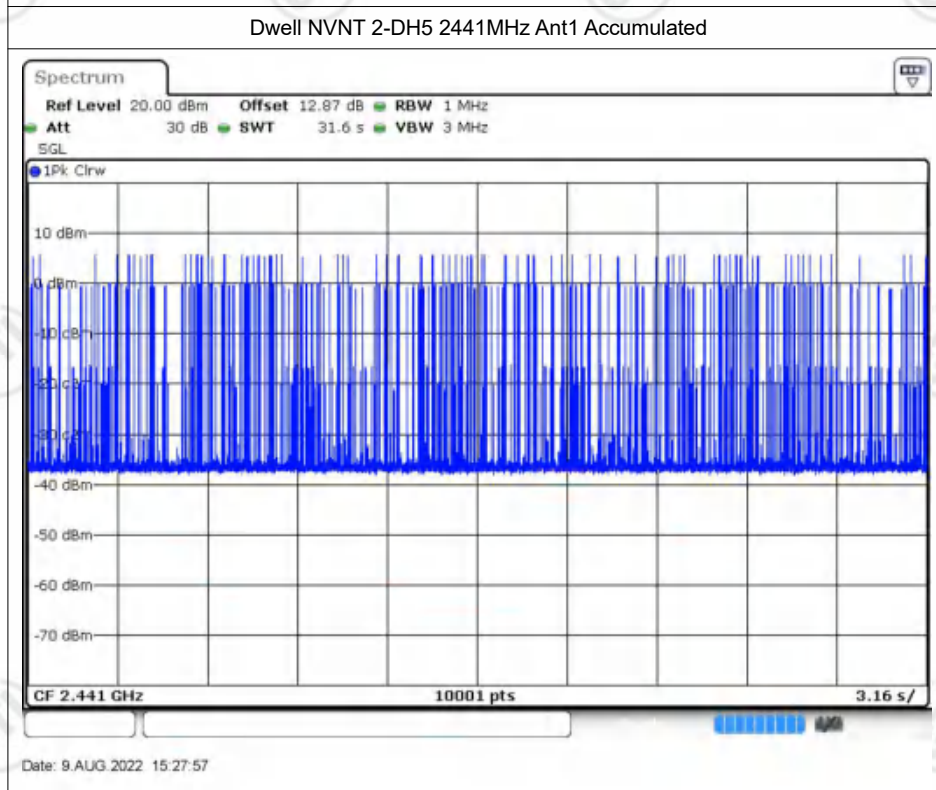
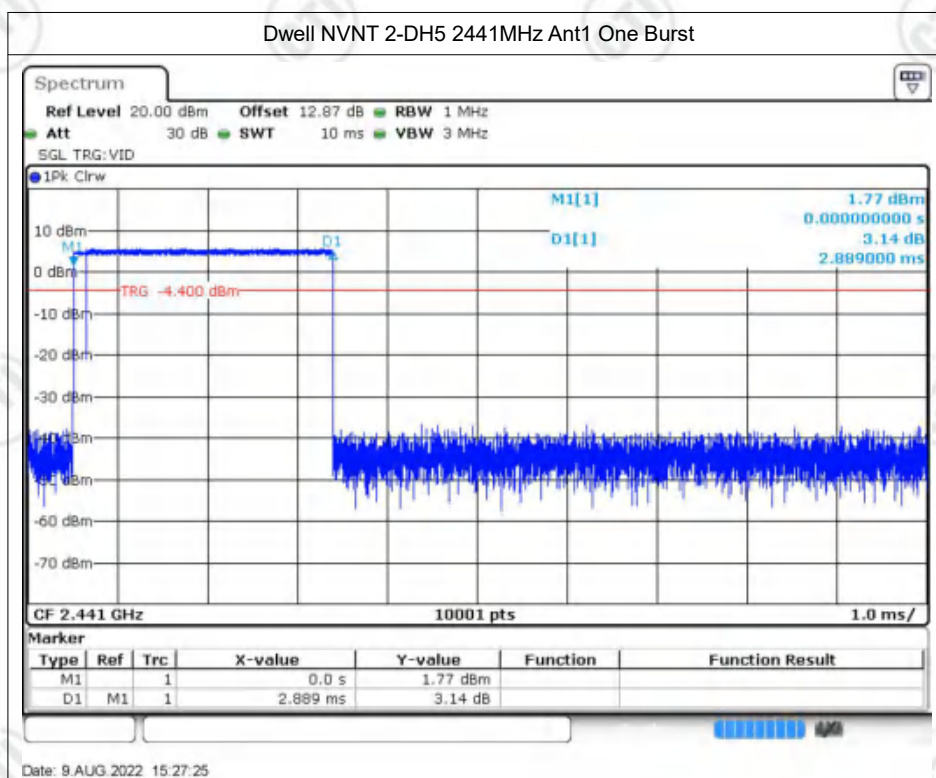
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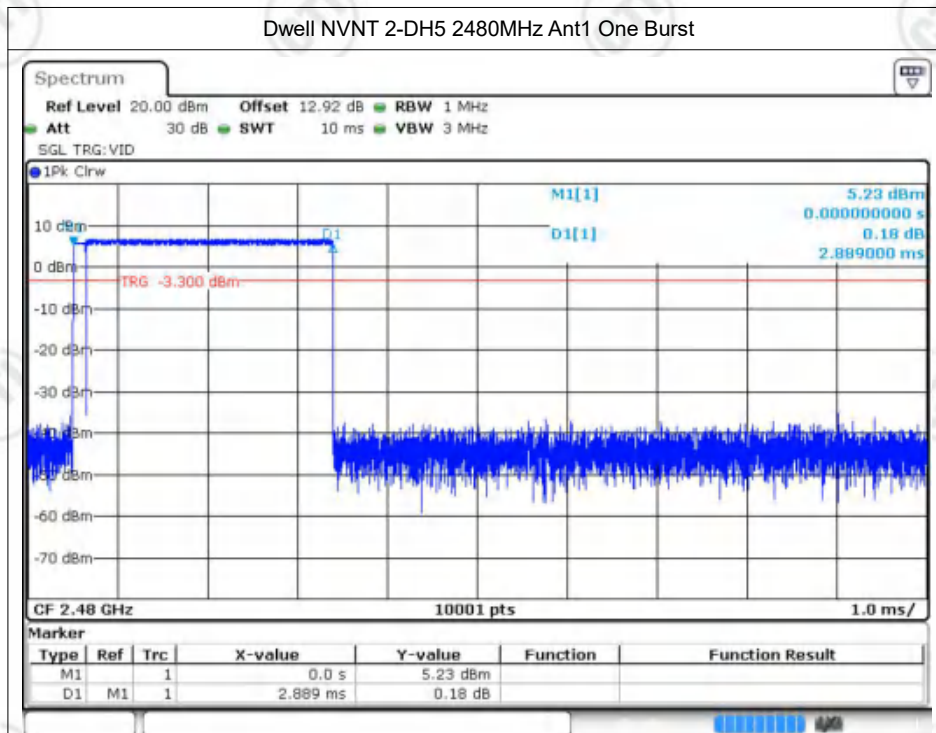




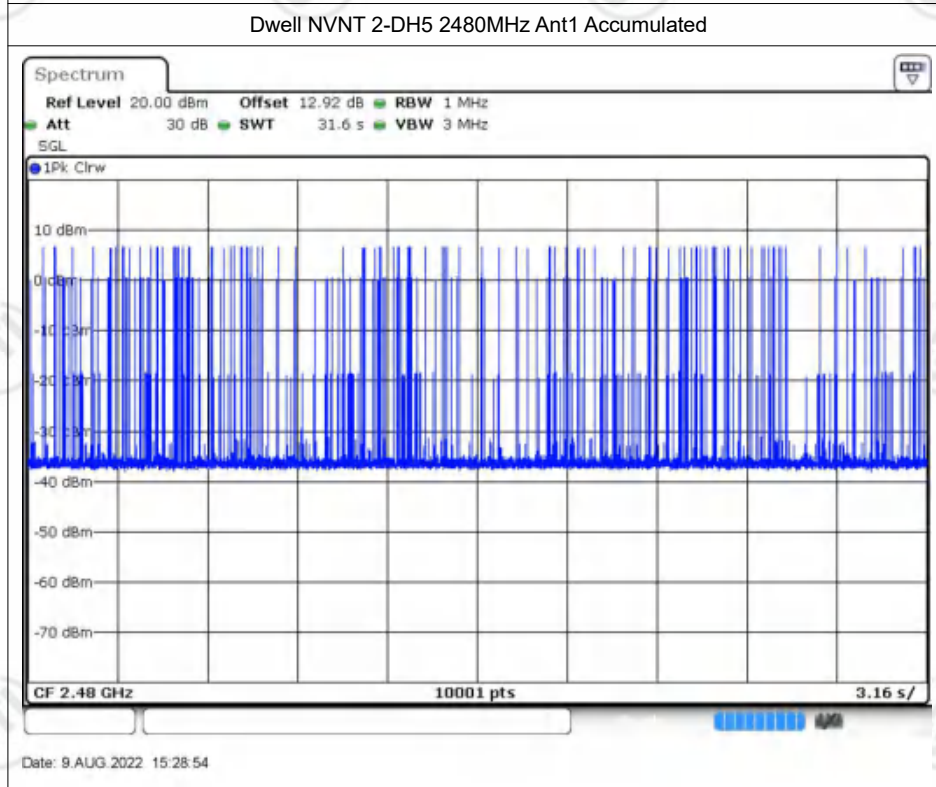




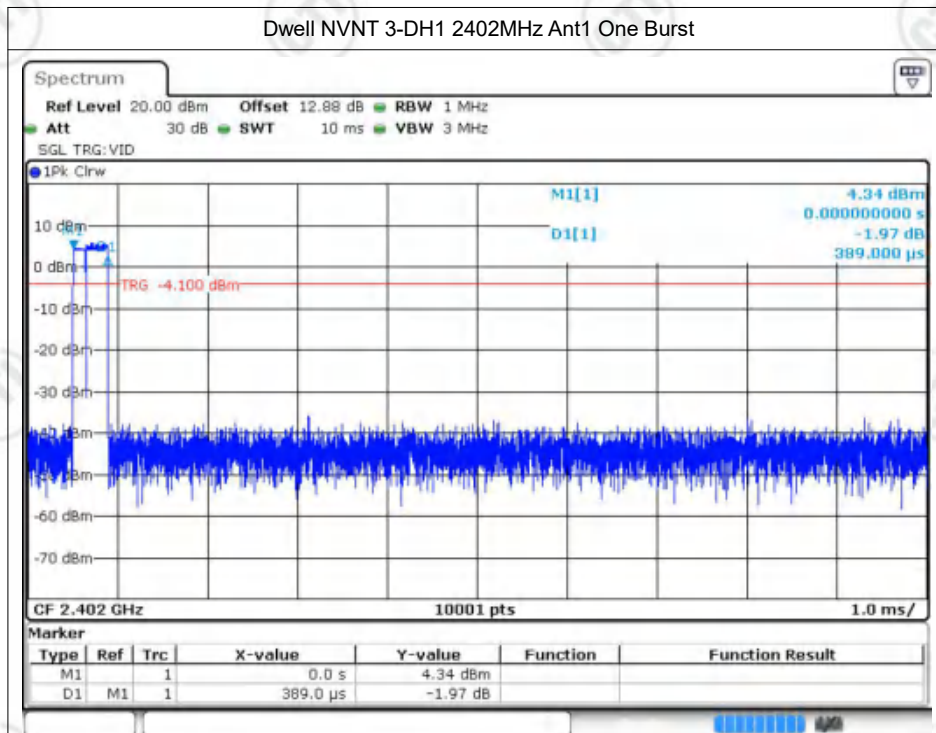




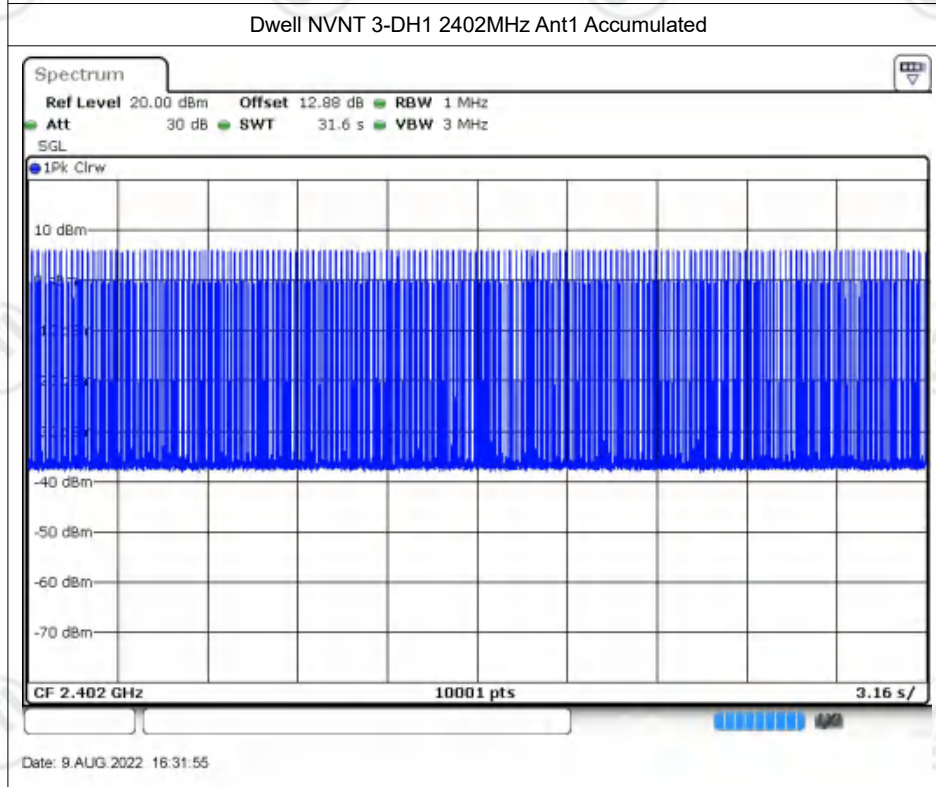
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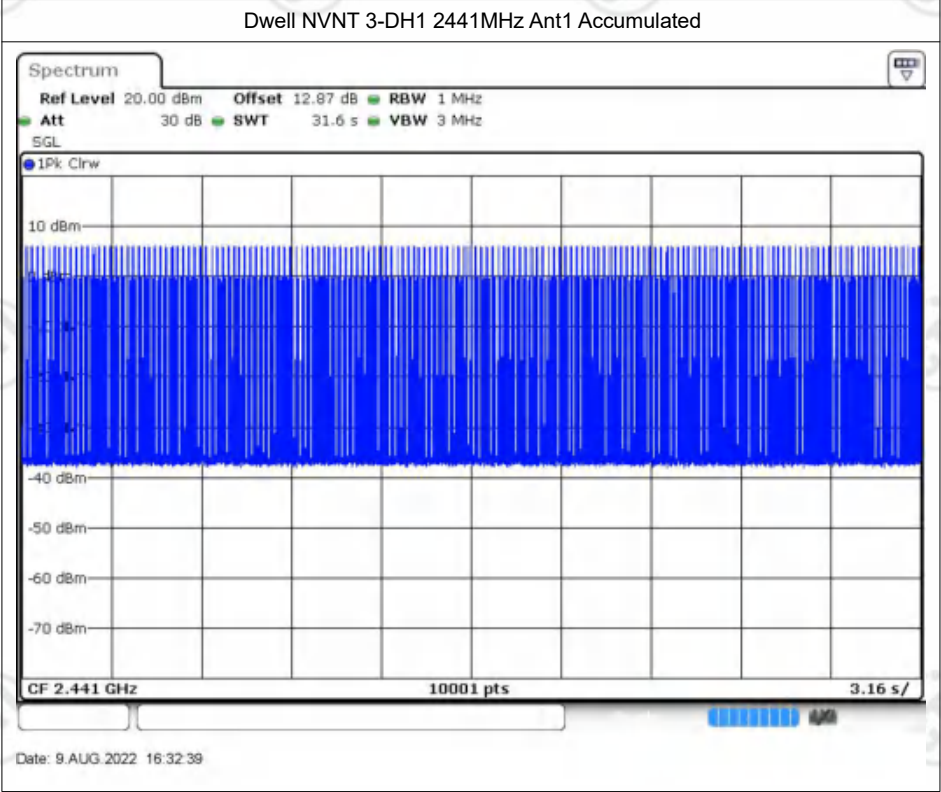
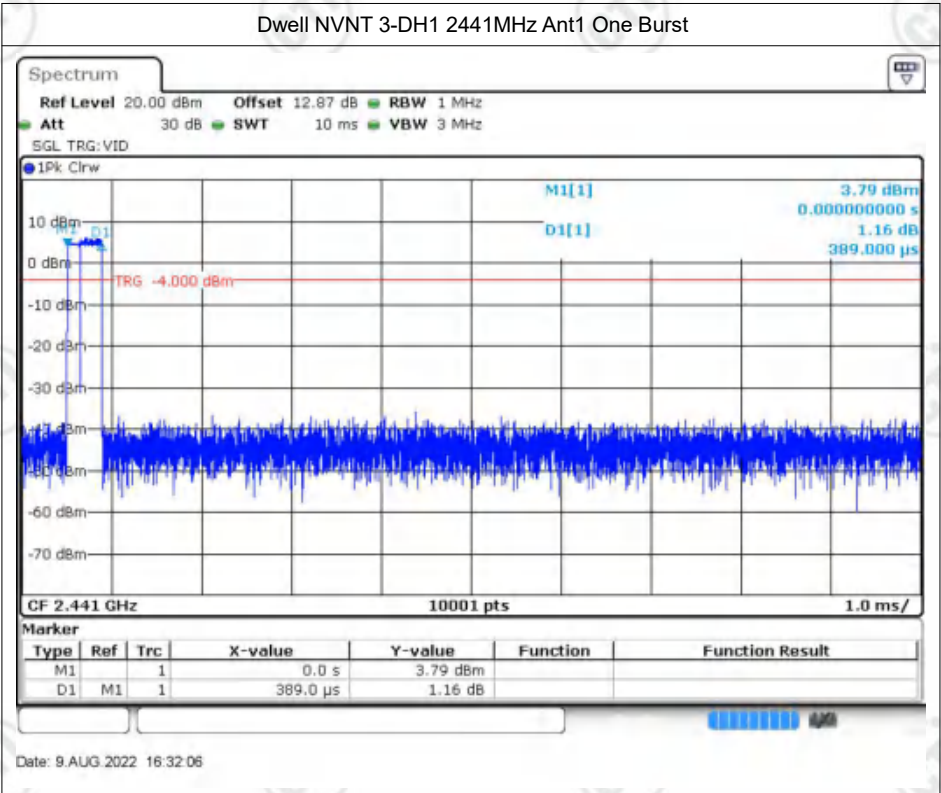
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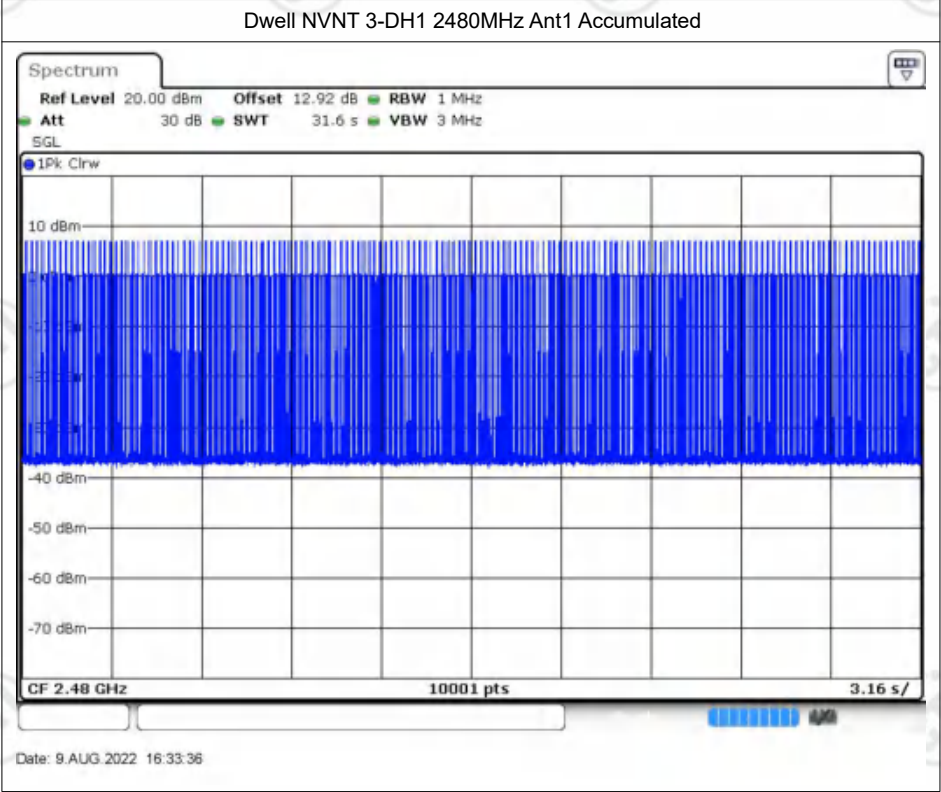
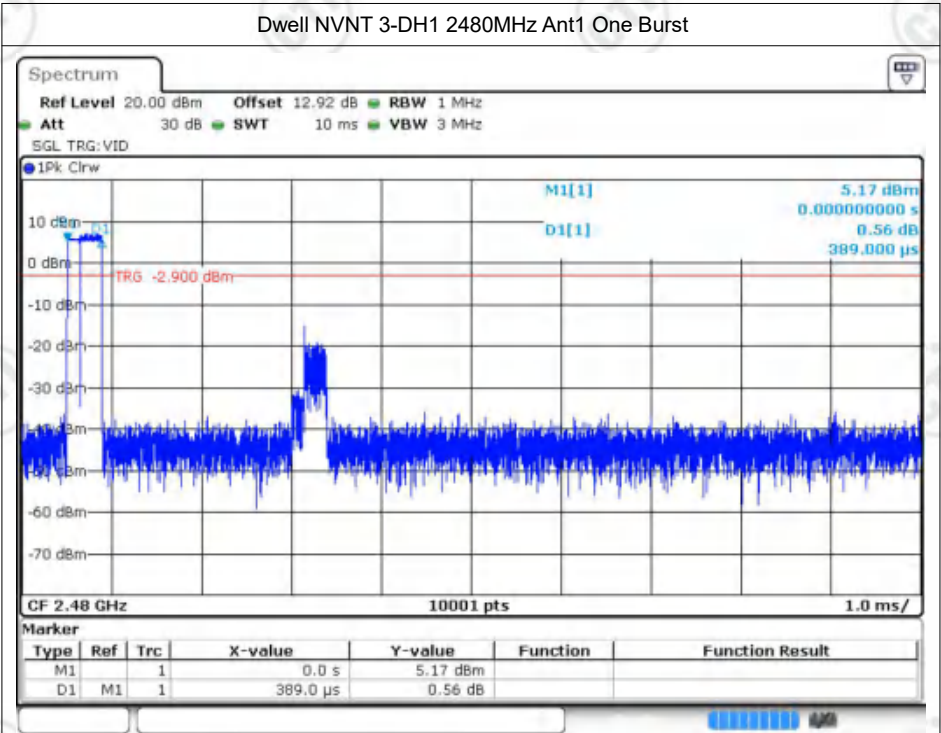


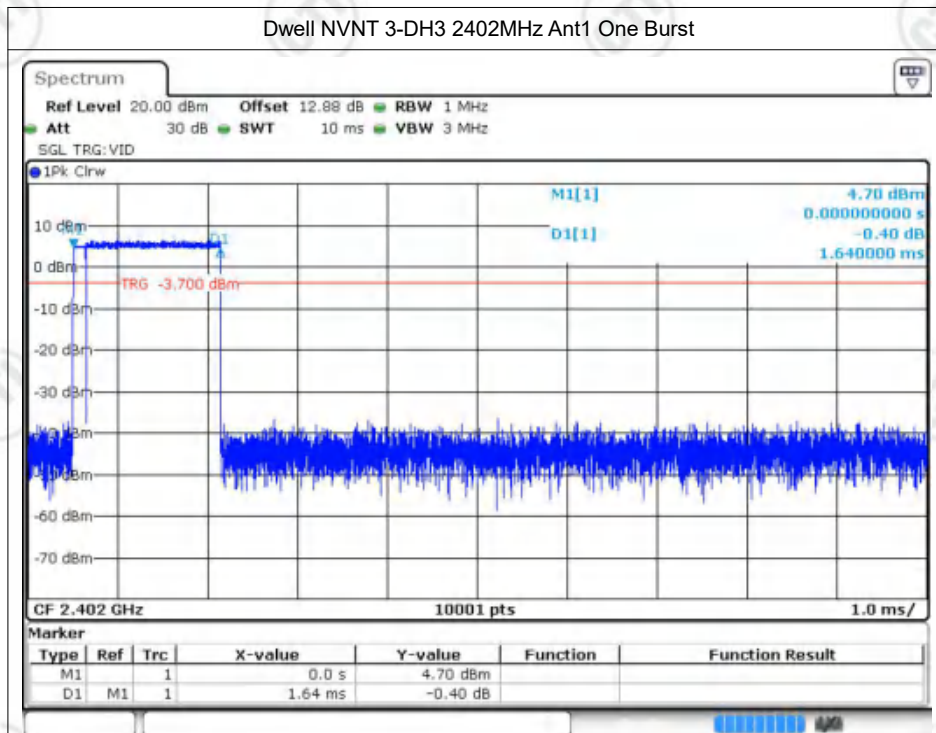
Date: 9.AUG.2022 16:31:22



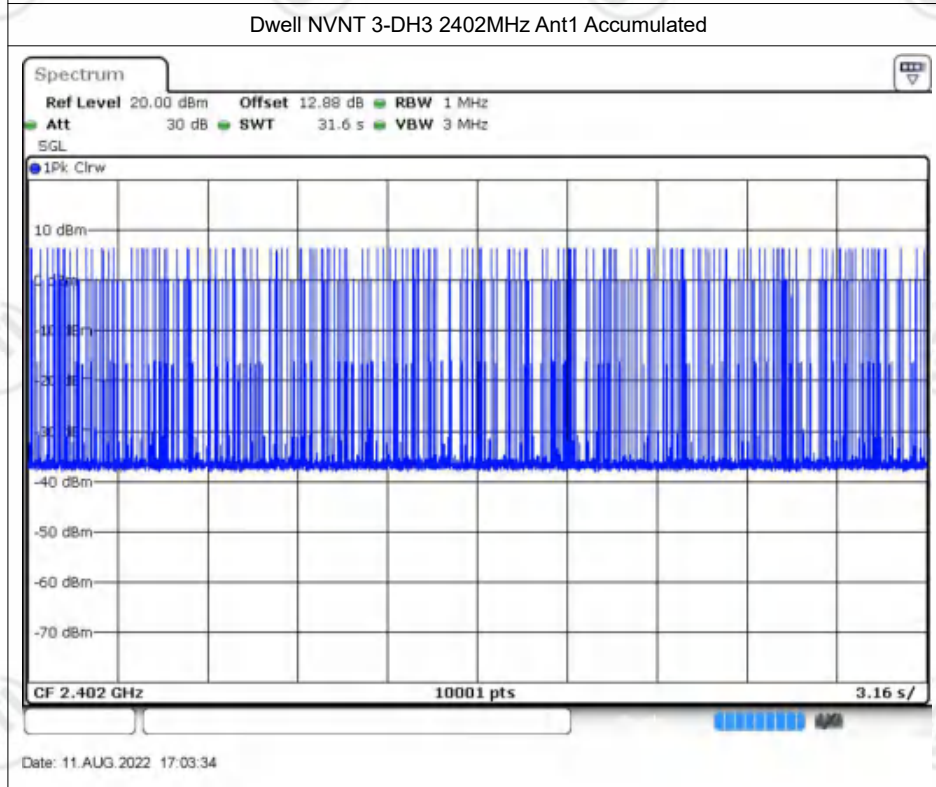
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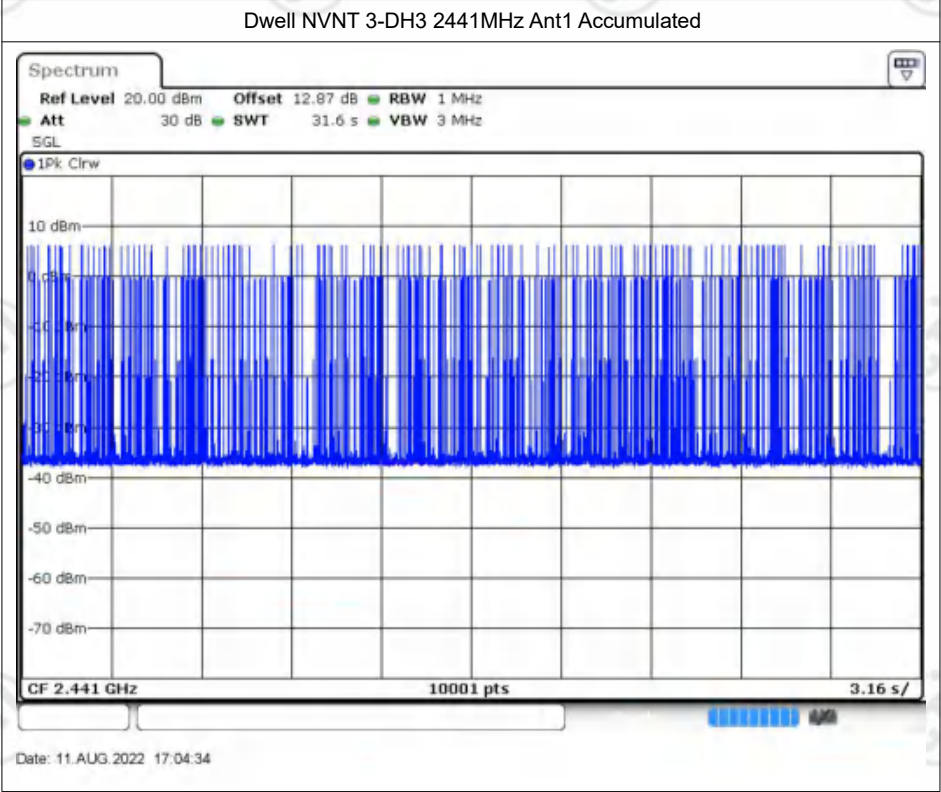
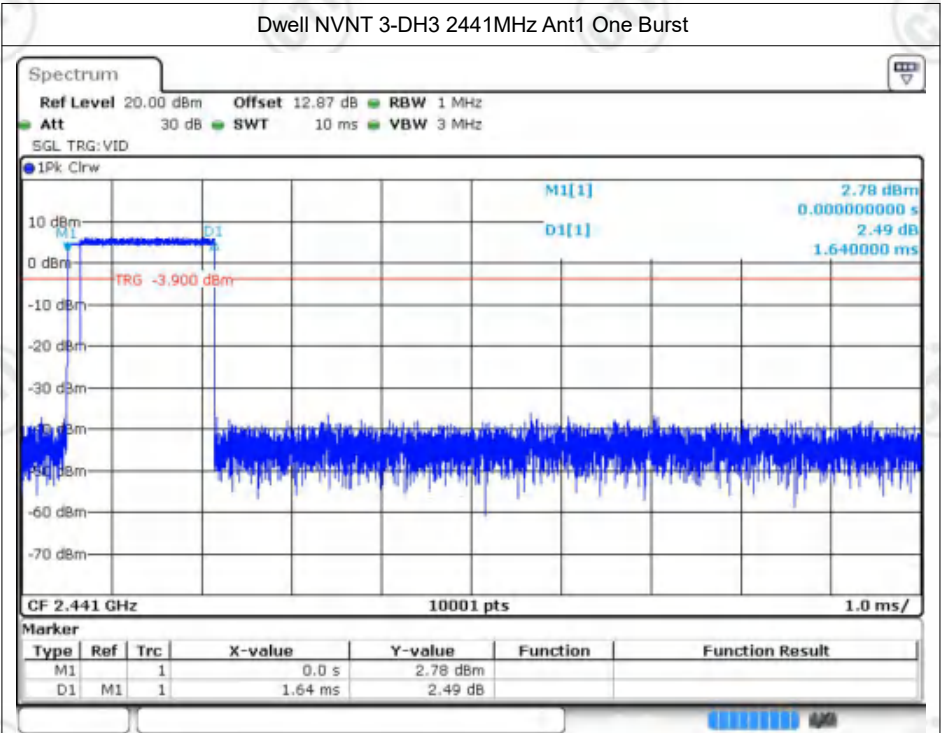


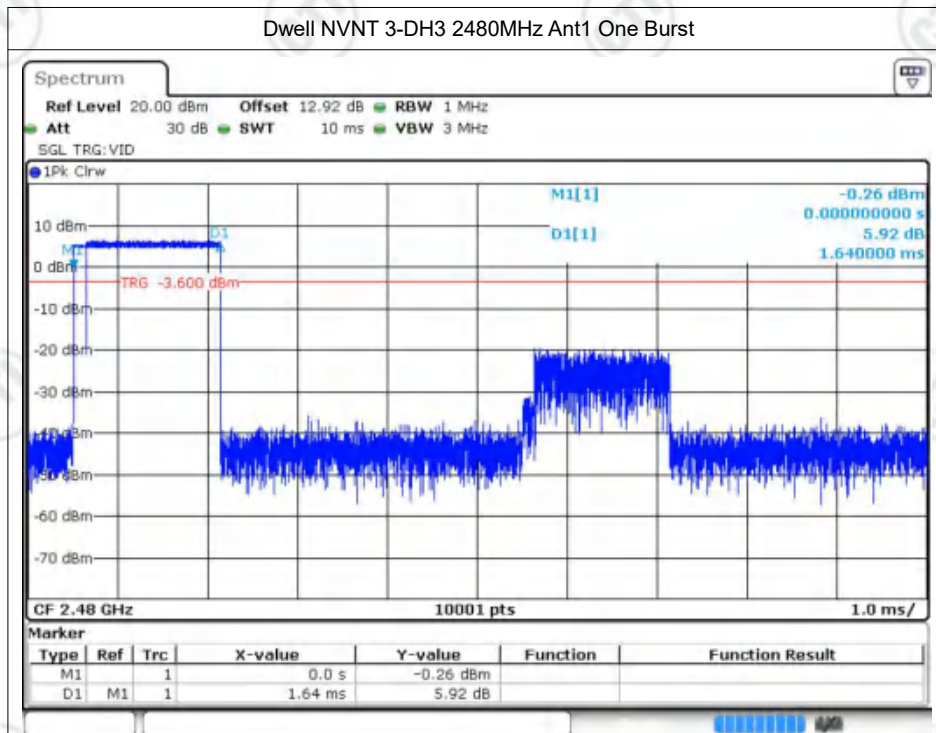


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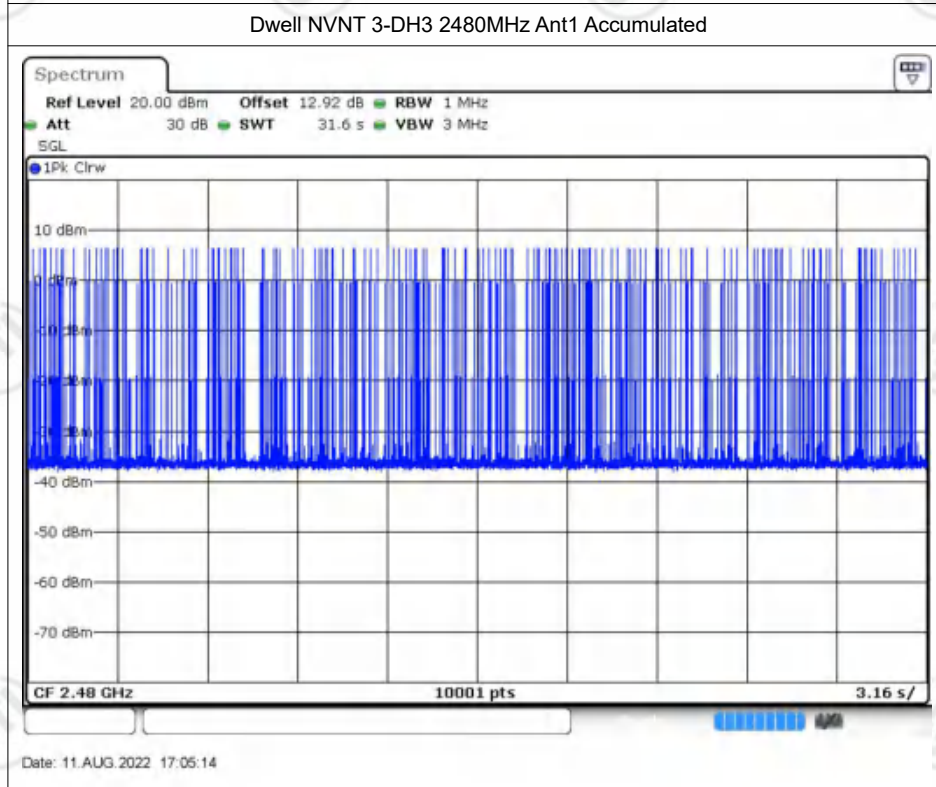


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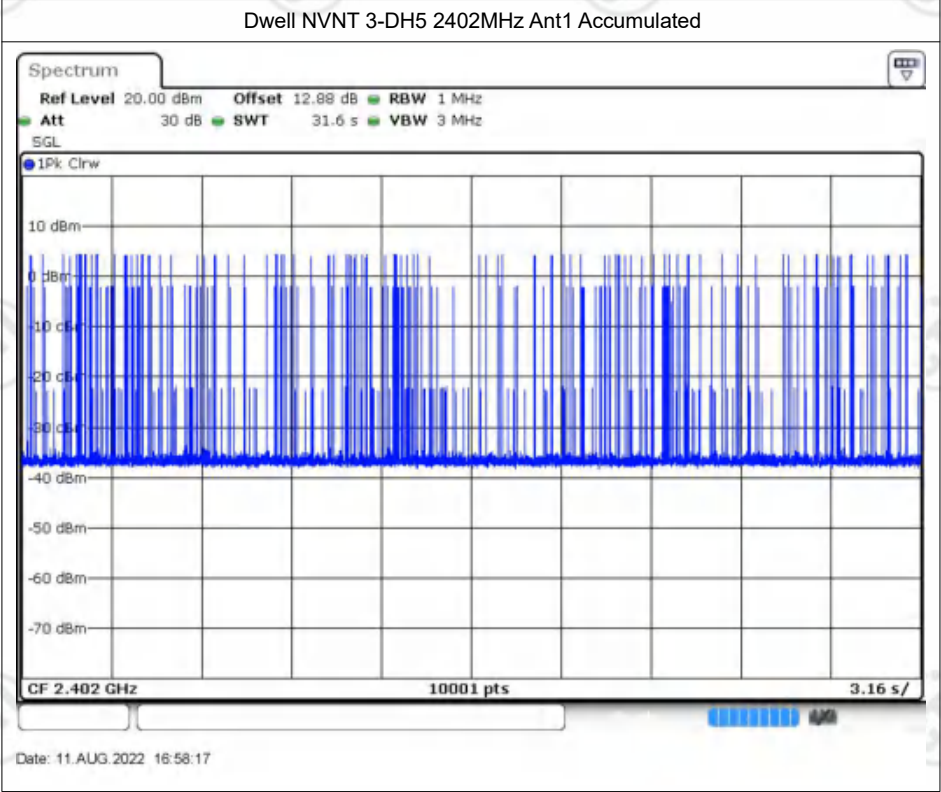
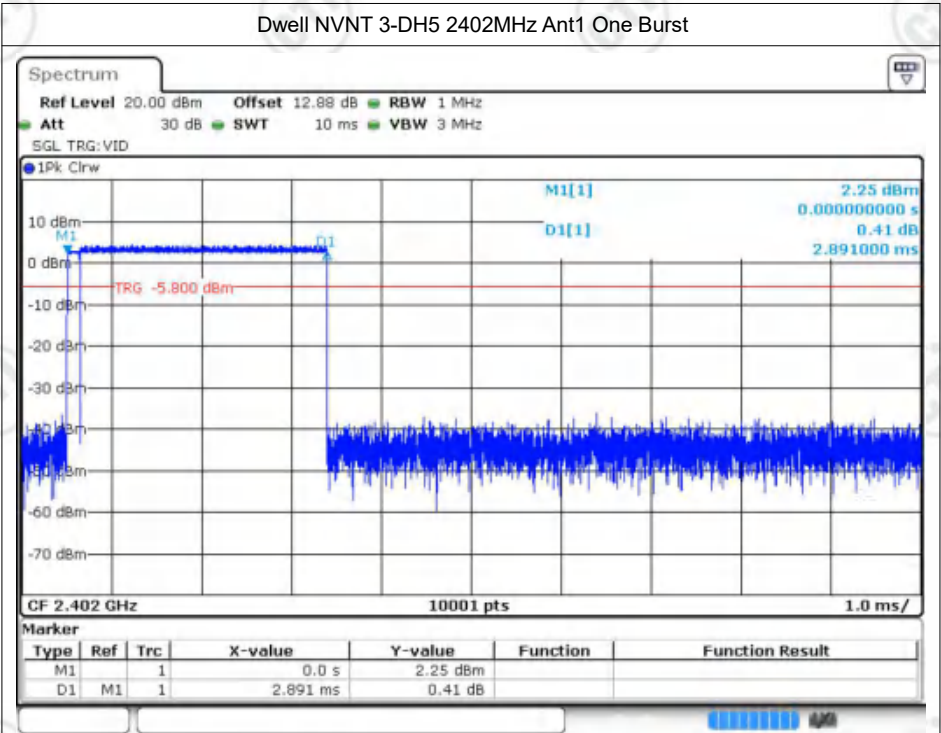


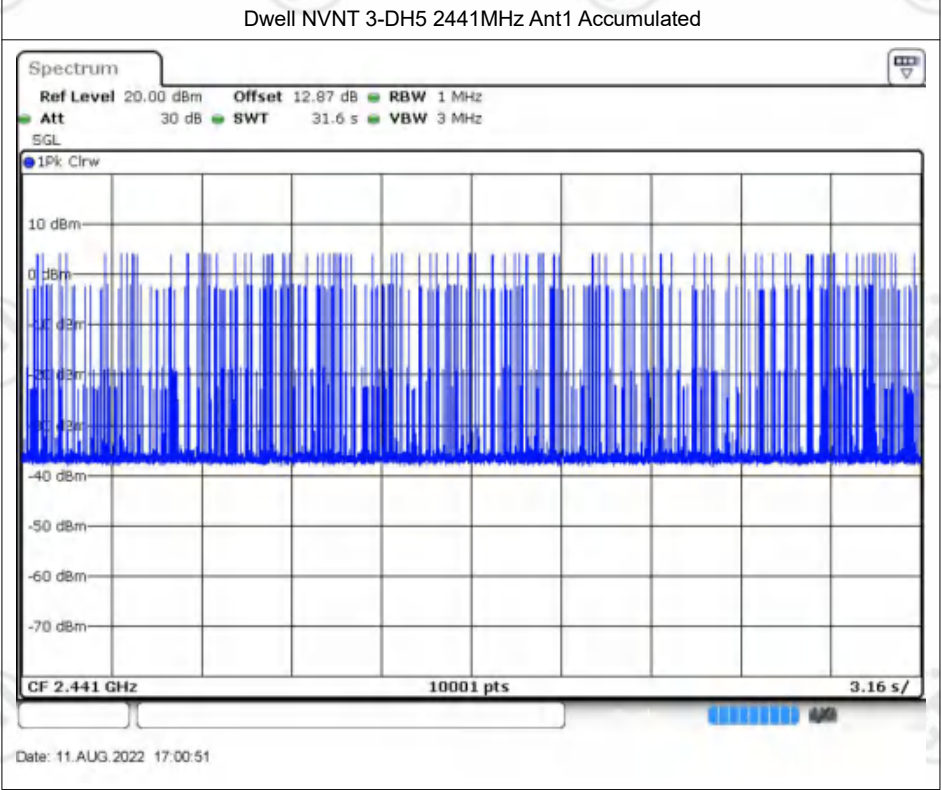
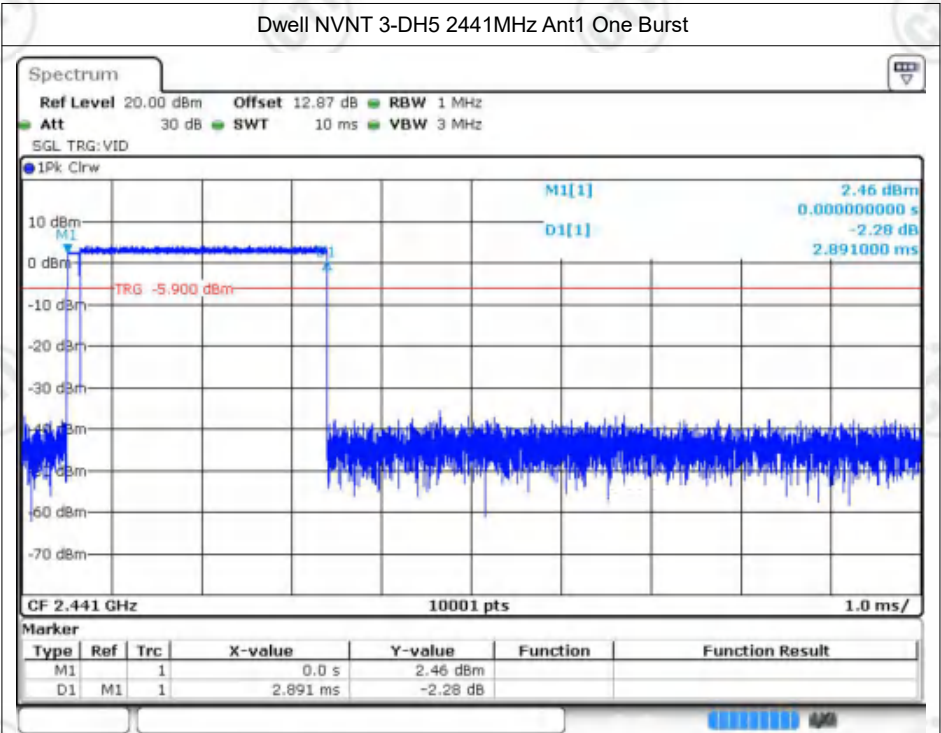


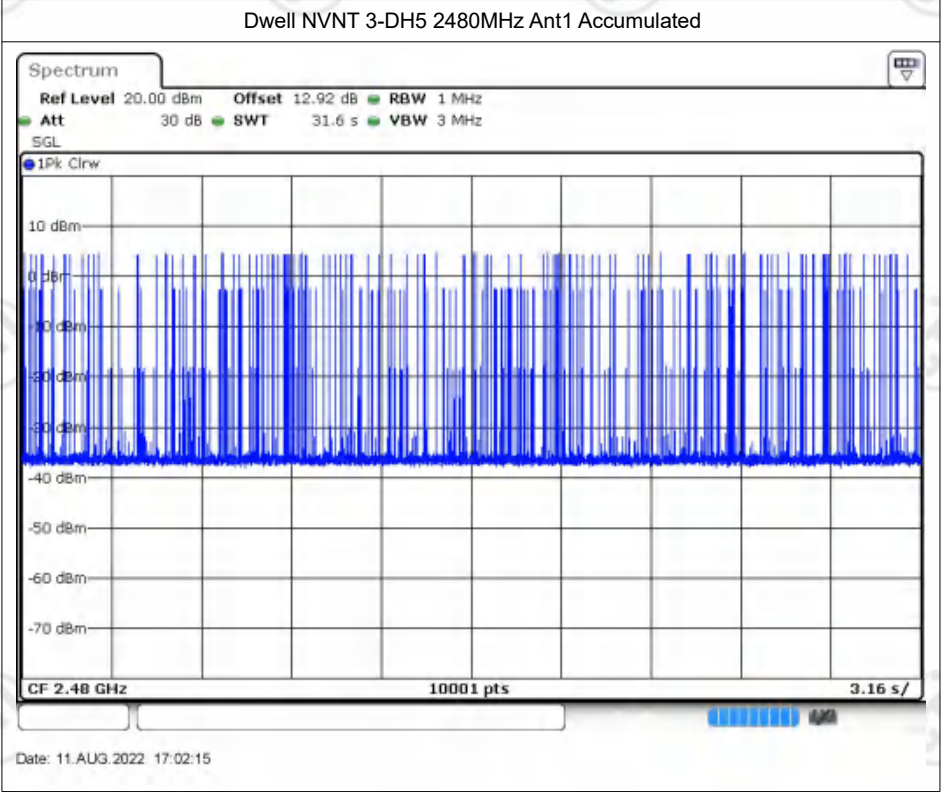
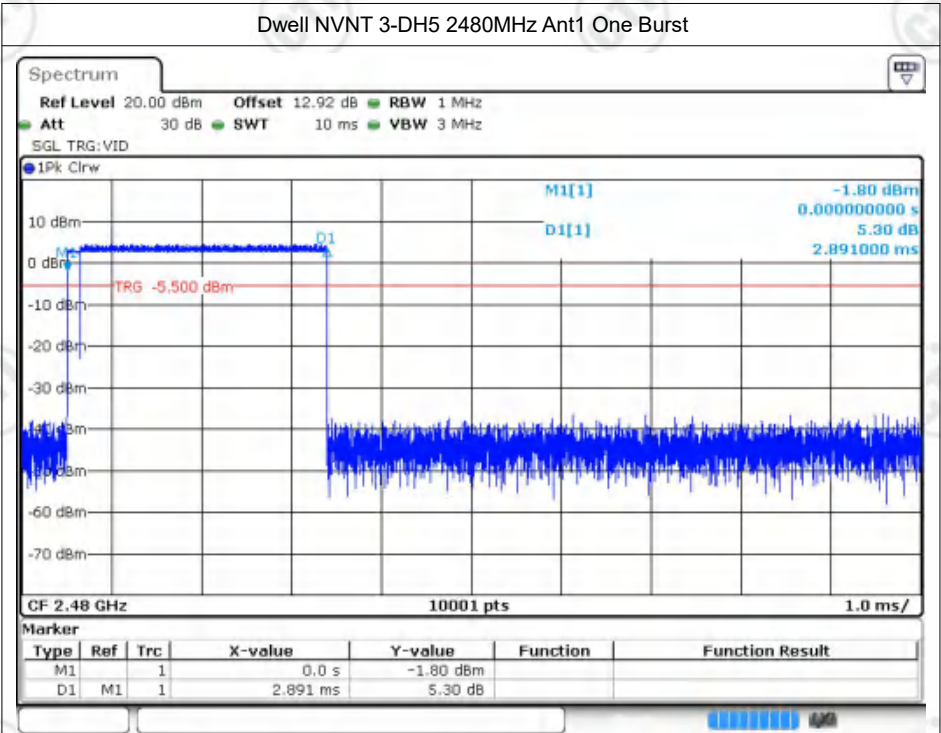
Date: 11.AUG.2022 17:04:41



Date: 11.AUG.2022 17:05:14





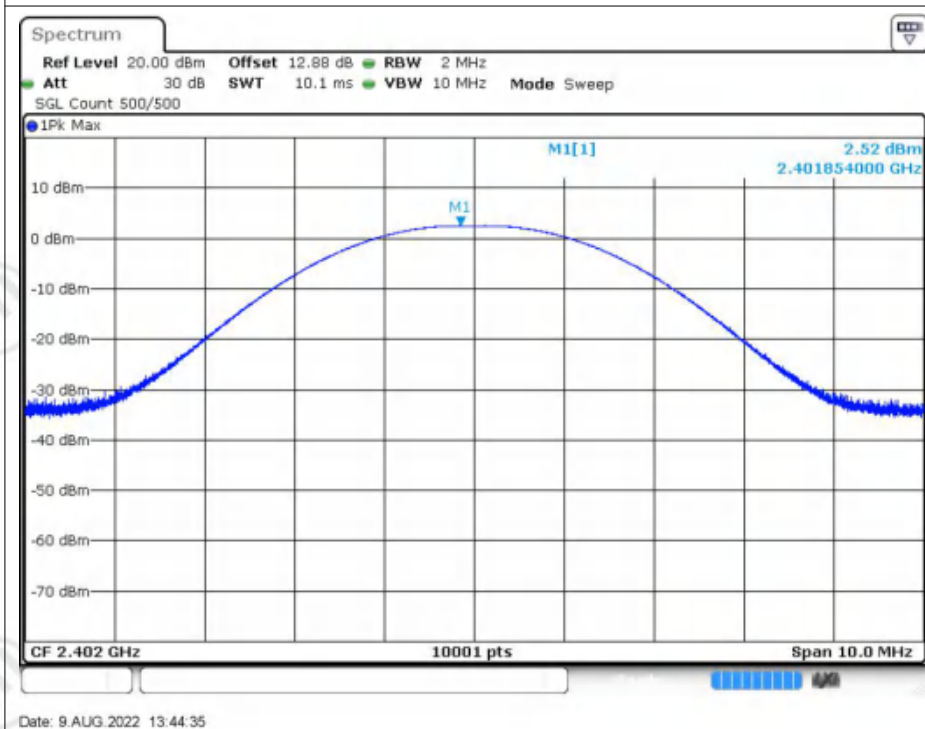


Maximum Peak Conducted Output Power

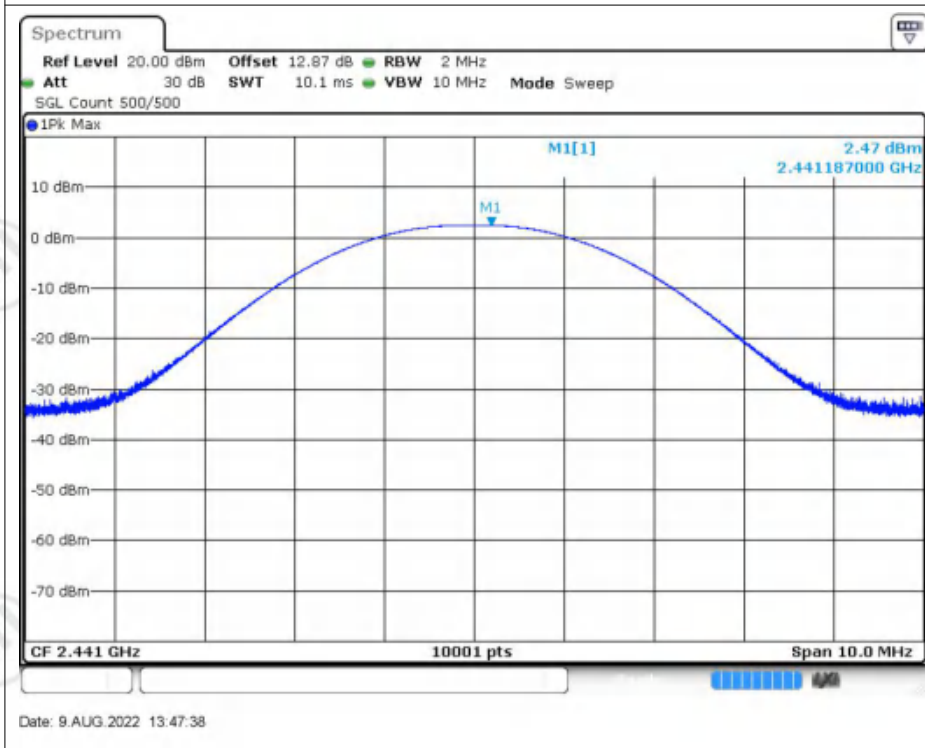
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	2.52	0	2.52	21	Pass
NVNT	1-DH5	2441	Ant1	2.47	0	2.47	21	Pass
NVNT	1-DH5	2480	Ant1	3.71	0	3.71	21	Pass
NVNT	2-DH5	2402	Ant1	2.66	0	2.66	21	Pass
NVNT	2-DH5	2441	Ant1	2.53	0	2.53	21	Pass
NVNT	2-DH5	2480	Ant1	3.51	0	3.51	21	Pass
NVNT	3-DH5	2402	Ant1	2.84	0	2.84	21	Pass
NVNT	3-DH5	2441	Ant1	2.69	0	2.69	21	Pass
NVNT	3-DH5	2480	Ant1	3.7	0	3.70	21	Pass

Test Graphs

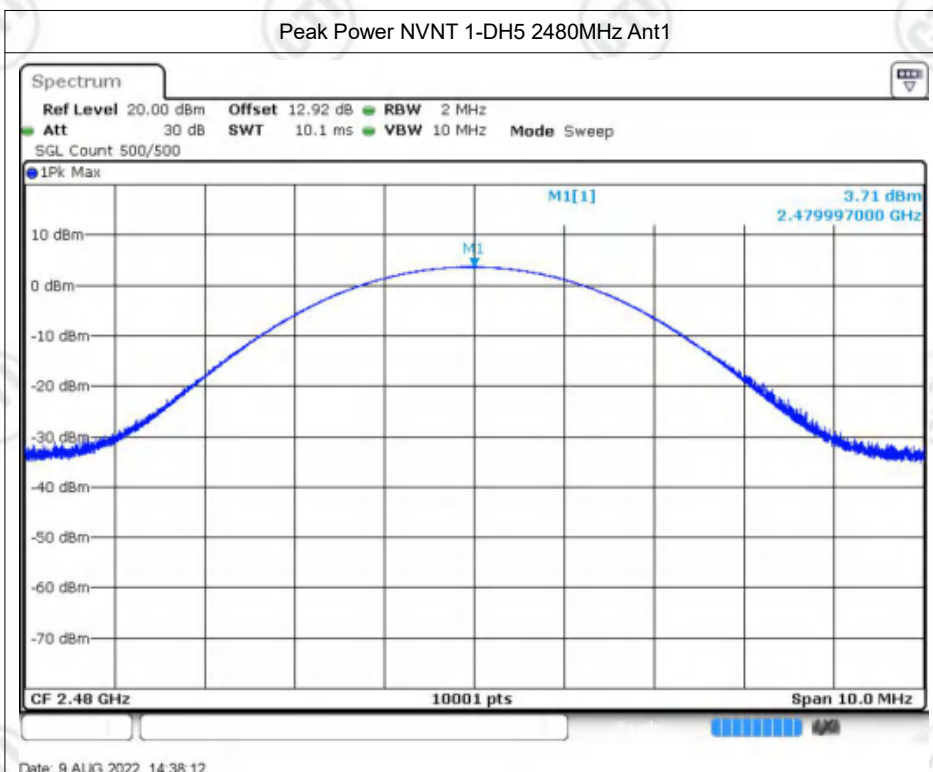
Peak Power NVNT 1-DH5 2402MHz Ant1



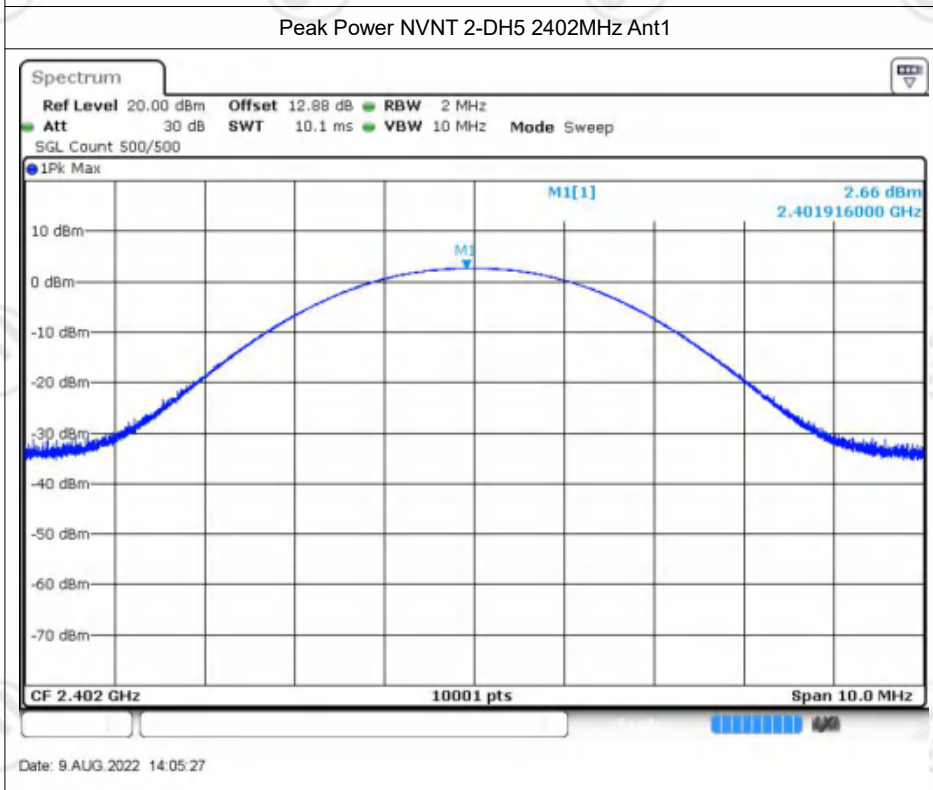
Peak Power NVNT 1-DH5 2441MHz Ant1



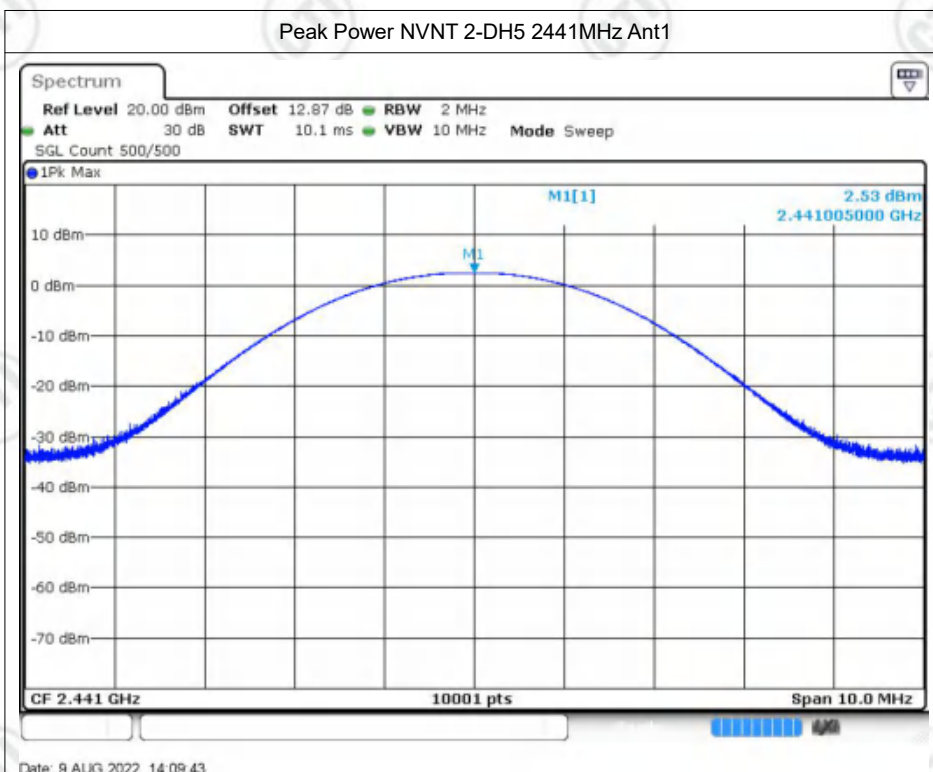
Peak Power NVNT 1-DH5 2480MHz Ant1



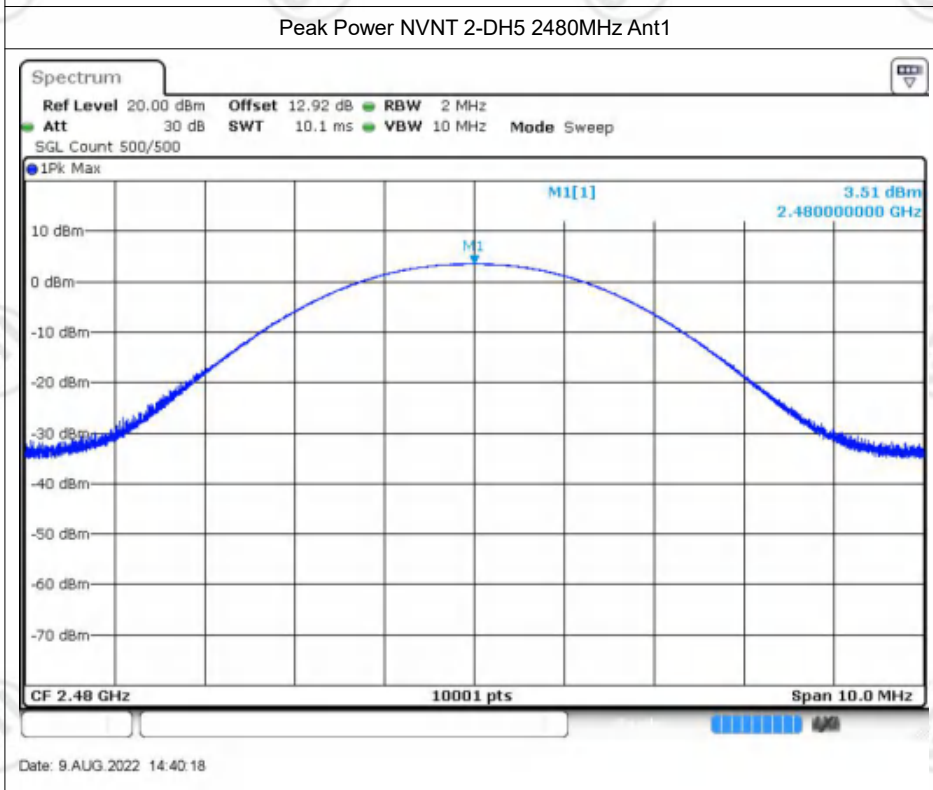
Peak Power NVNT 2-DH5 2402MHz Ant1



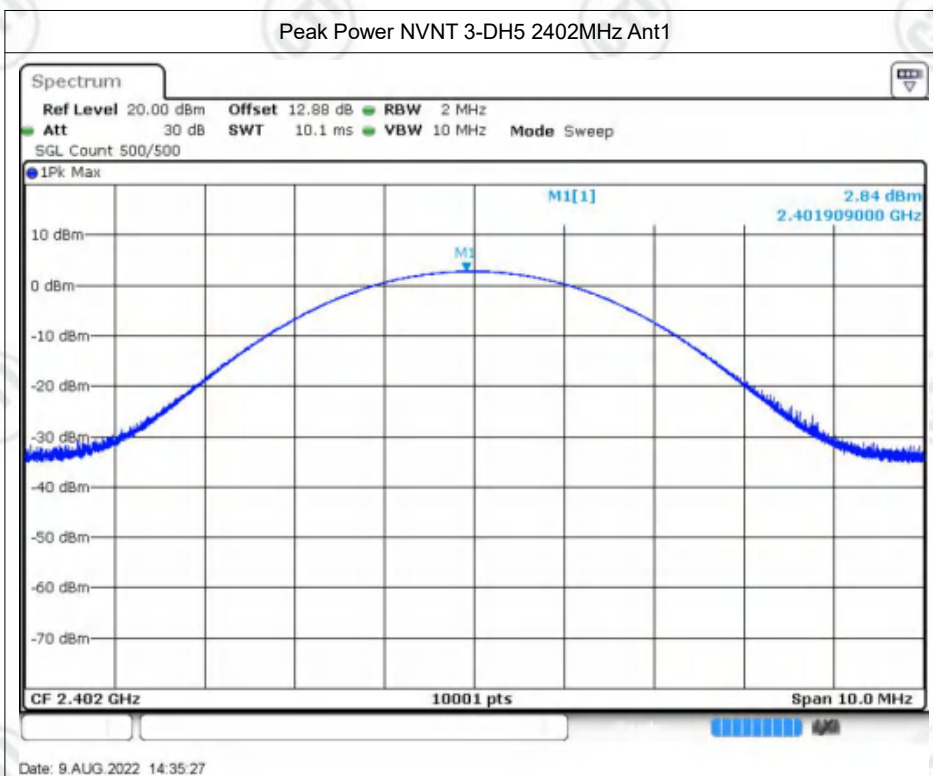
Peak Power NVNT 2-DH5 2441MHz Ant1



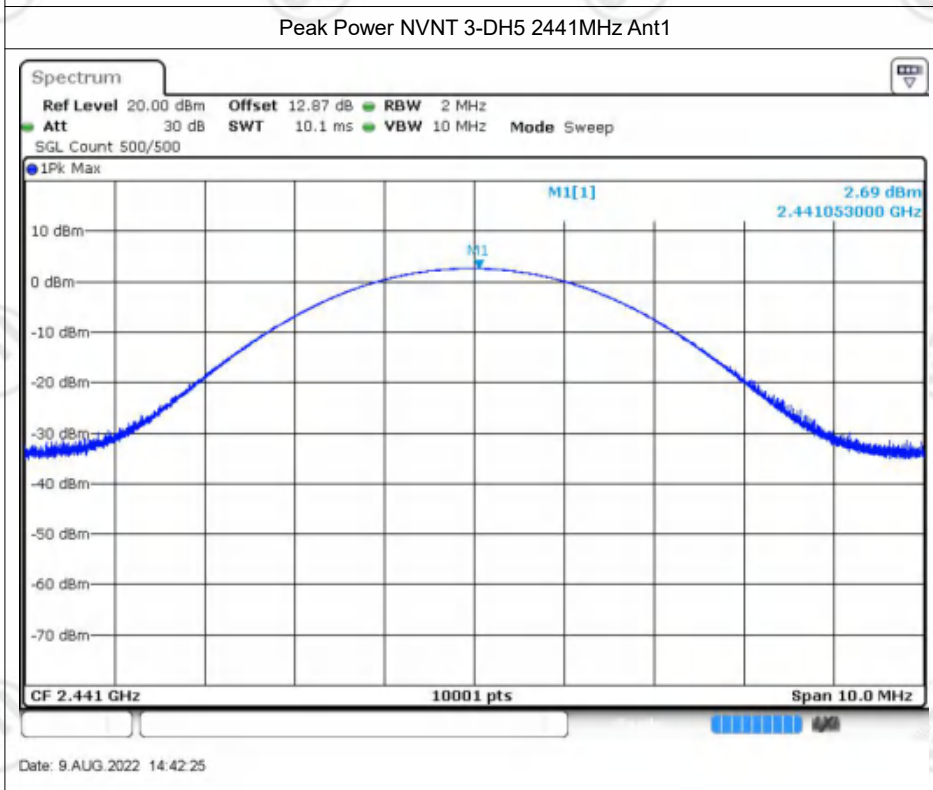
Peak Power NVNT 2-DH5 2480MHz Ant1

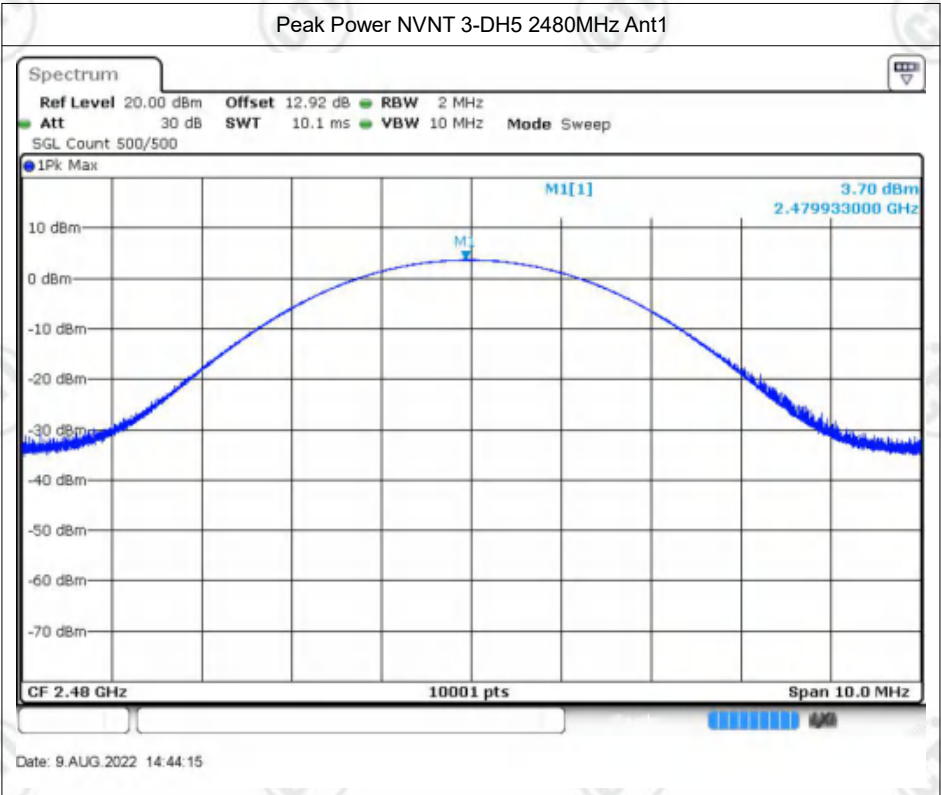


Peak Power NVNT 3-DH5 2402MHz Ant1



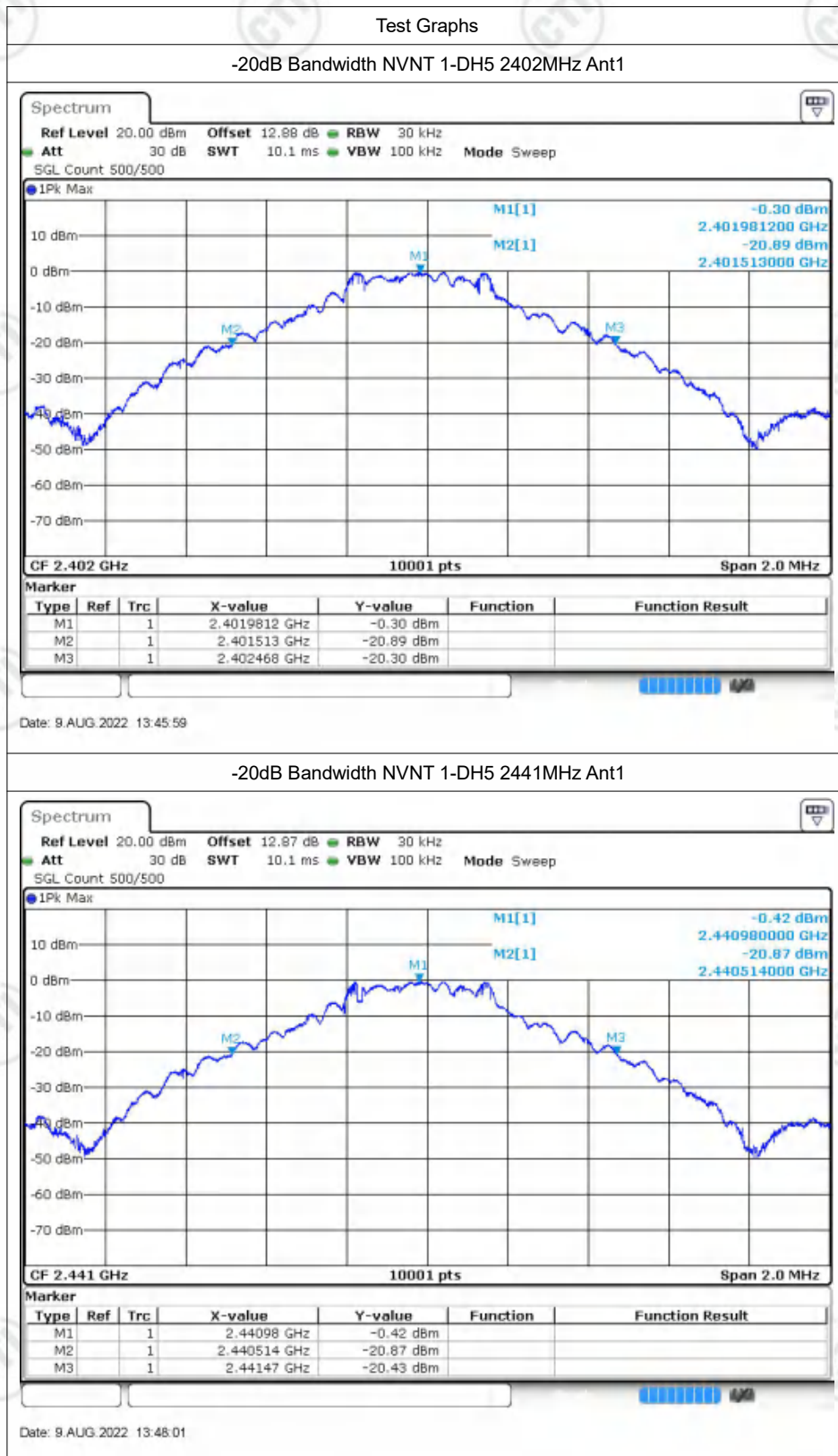
Peak Power NVNT 3-DH5 2441MHz Ant1



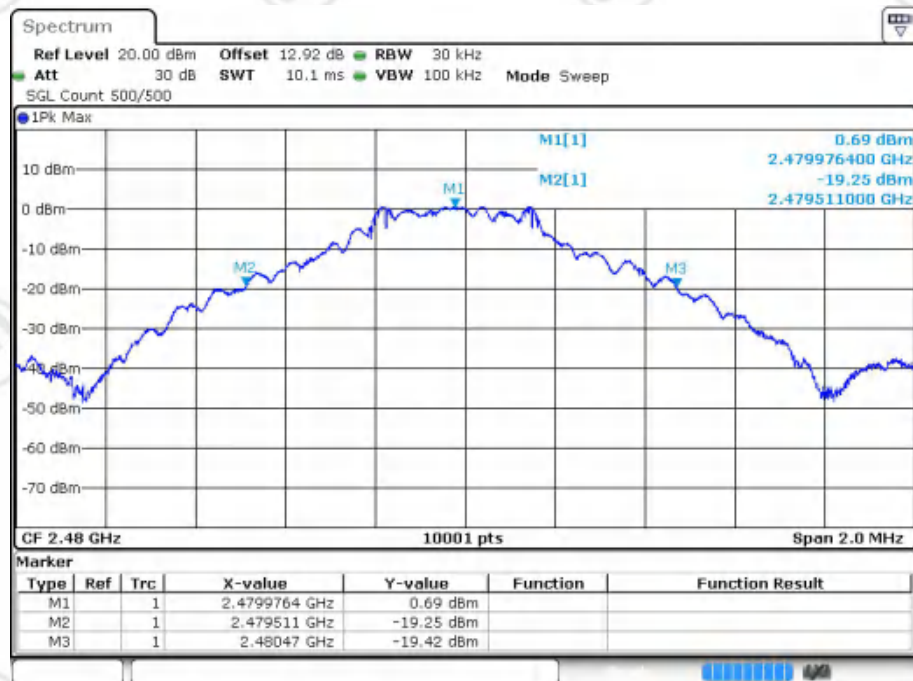


-20dB Bandwidth

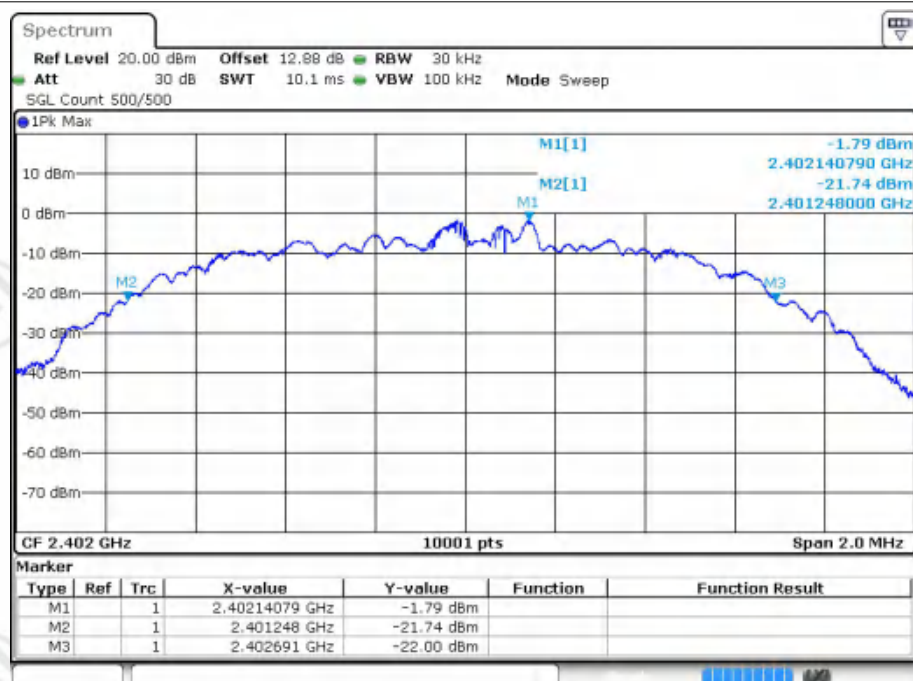
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.955	0	Pass
NVNT	1-DH5	2441	Ant1	0.955	0	Pass
NVNT	1-DH5	2480	Ant1	0.959	0	Pass
NVNT	2-DH5	2402	Ant1	1.443	0	Pass
NVNT	2-DH5	2441	Ant1	1.444	0	Pass
NVNT	2-DH5	2480	Ant1	1.445	0	Pass
NVNT	3-DH5	2402	Ant1	1.479	0	Pass
NVNT	3-DH5	2441	Ant1	1.479	0	Pass
NVNT	3-DH5	2480	Ant1	1.48	0	Pass



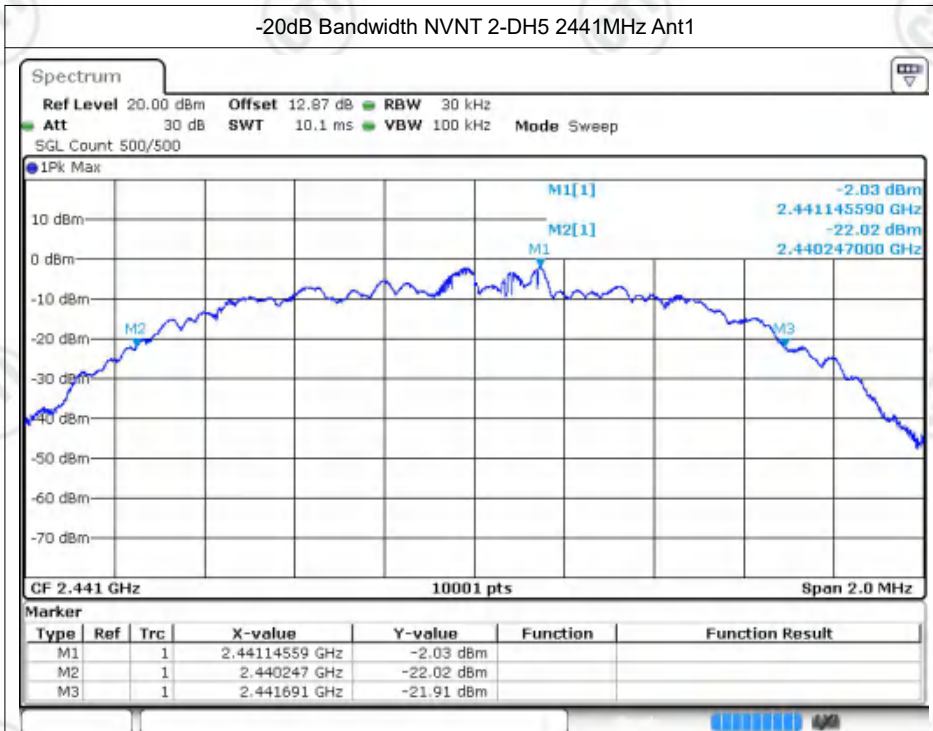
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



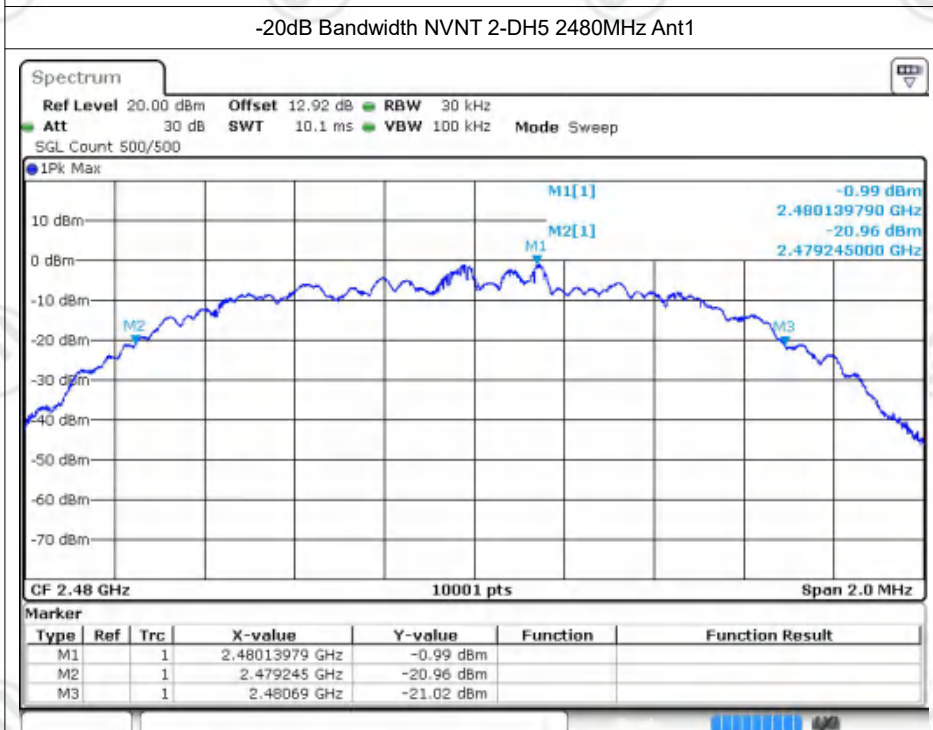
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



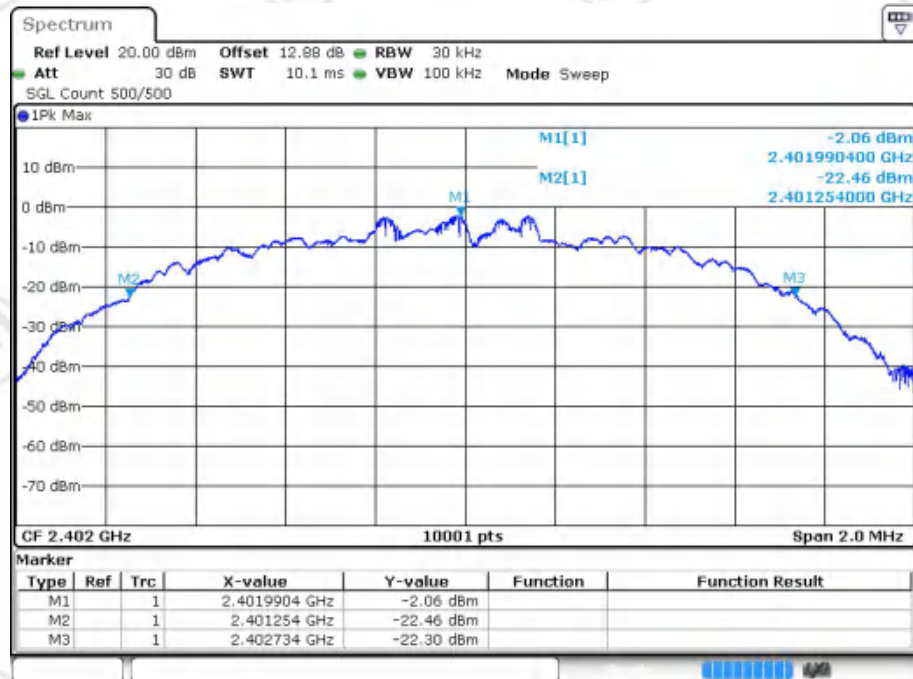
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

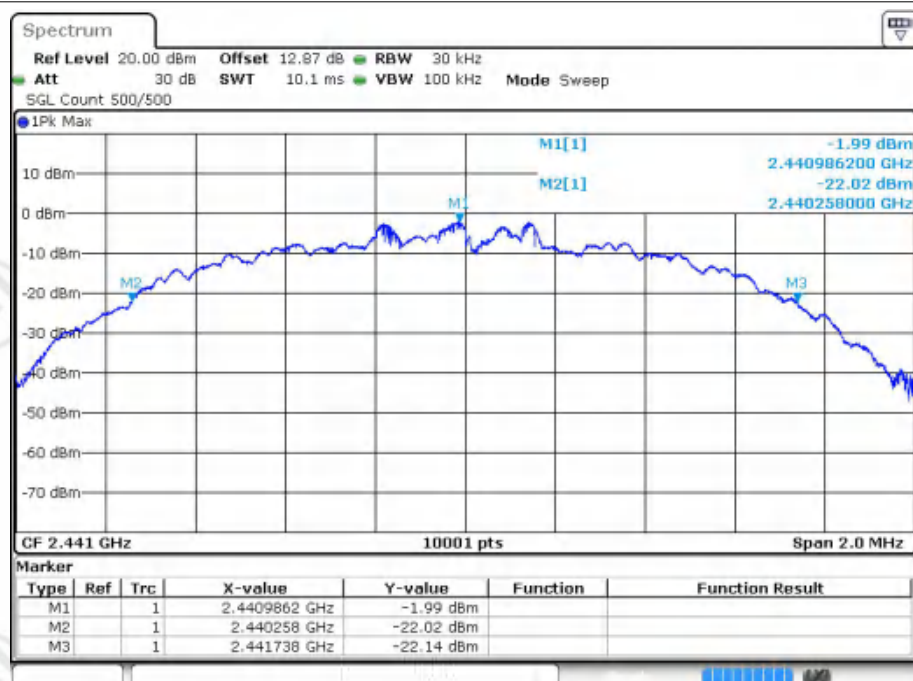


-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1

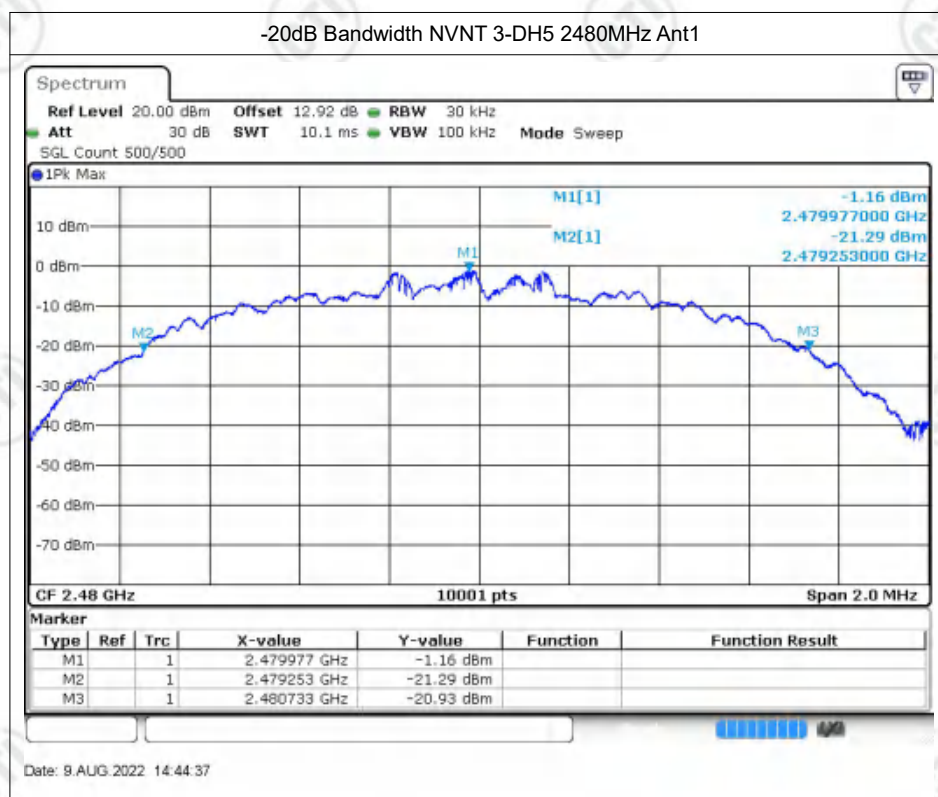


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-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1

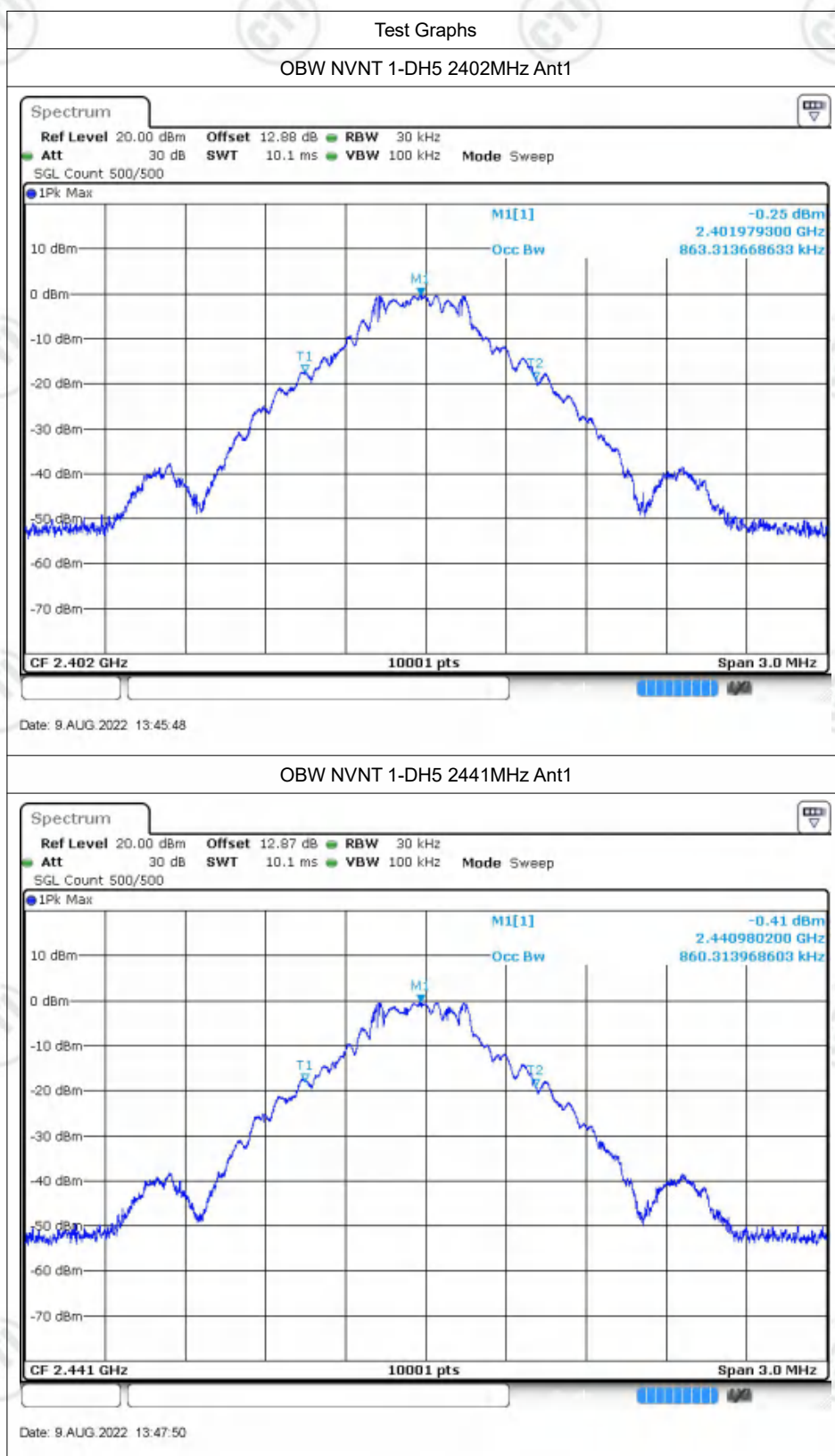


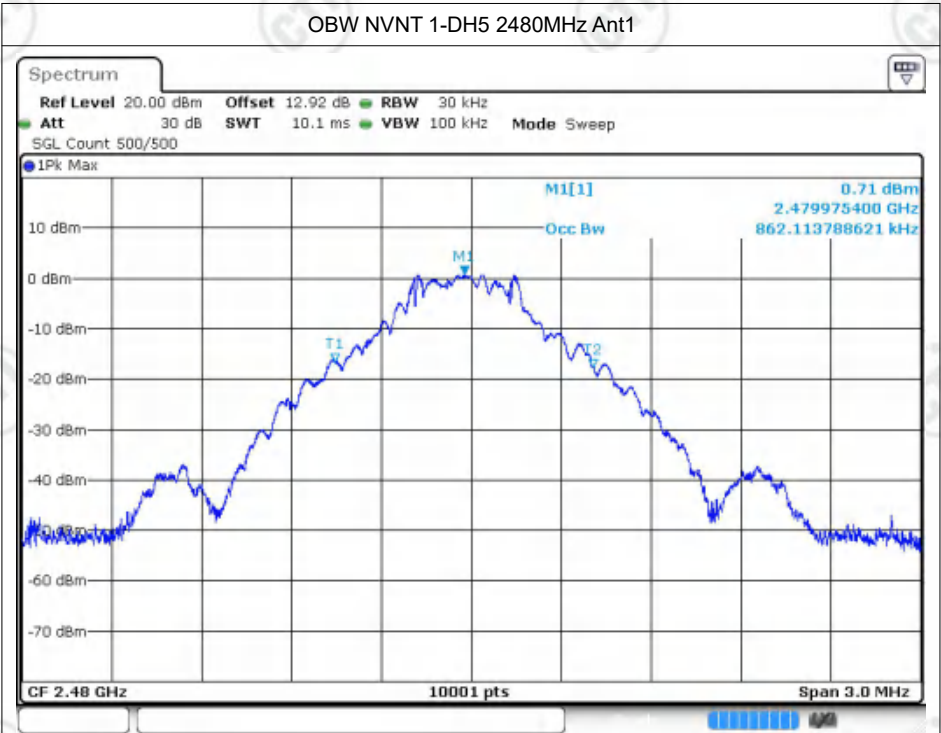
Date: 9.AUG.2022 14:43:14



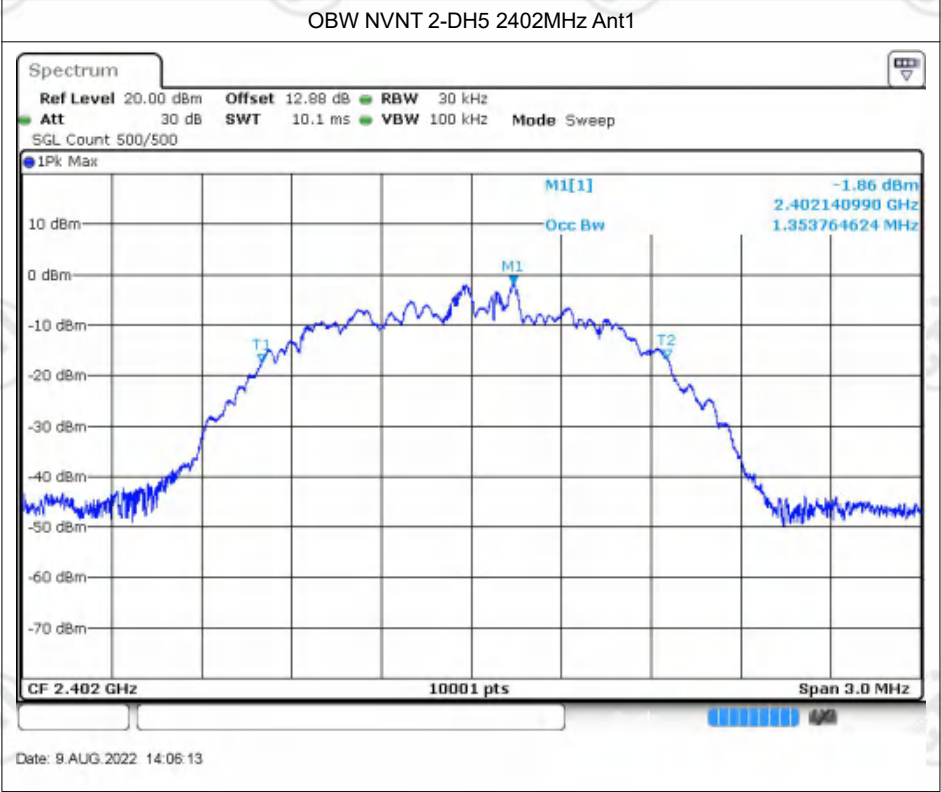
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.863
NVNT	1-DH5	2441	Ant1	0.86
NVNT	1-DH5	2480	Ant1	0.862
NVNT	2-DH5	2402	Ant1	1.354
NVNT	2-DH5	2441	Ant1	1.353
NVNT	2-DH5	2480	Ant1	1.352
NVNT	3-DH5	2402	Ant1	1.347
NVNT	3-DH5	2441	Ant1	1.348
NVNT	3-DH5	2480	Ant1	1.348



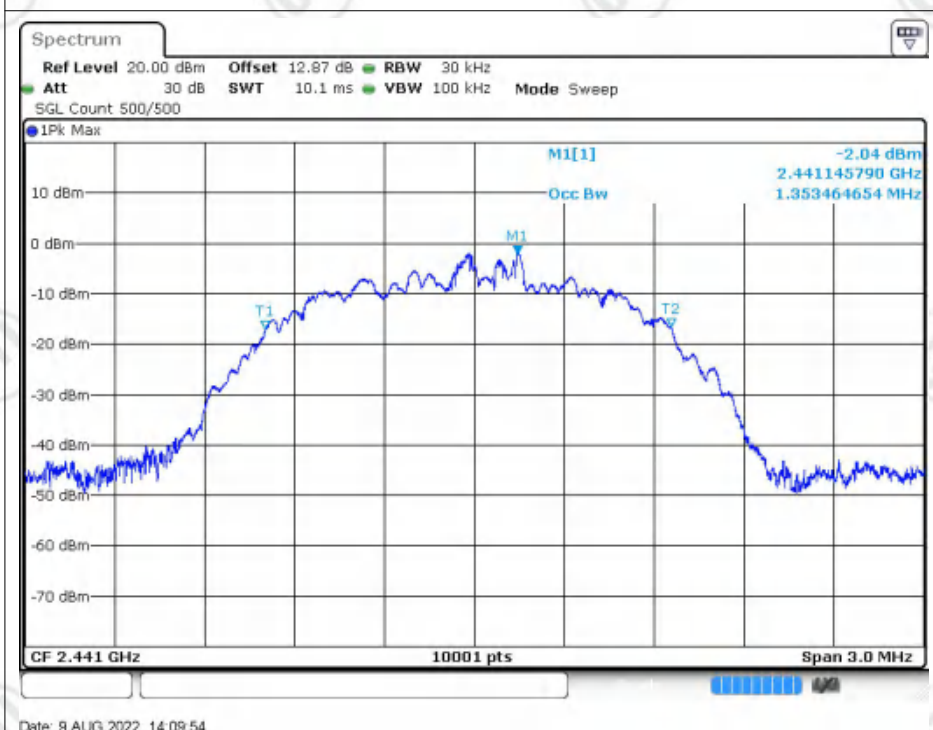


Date: 9.AUG.2022 14:00:32

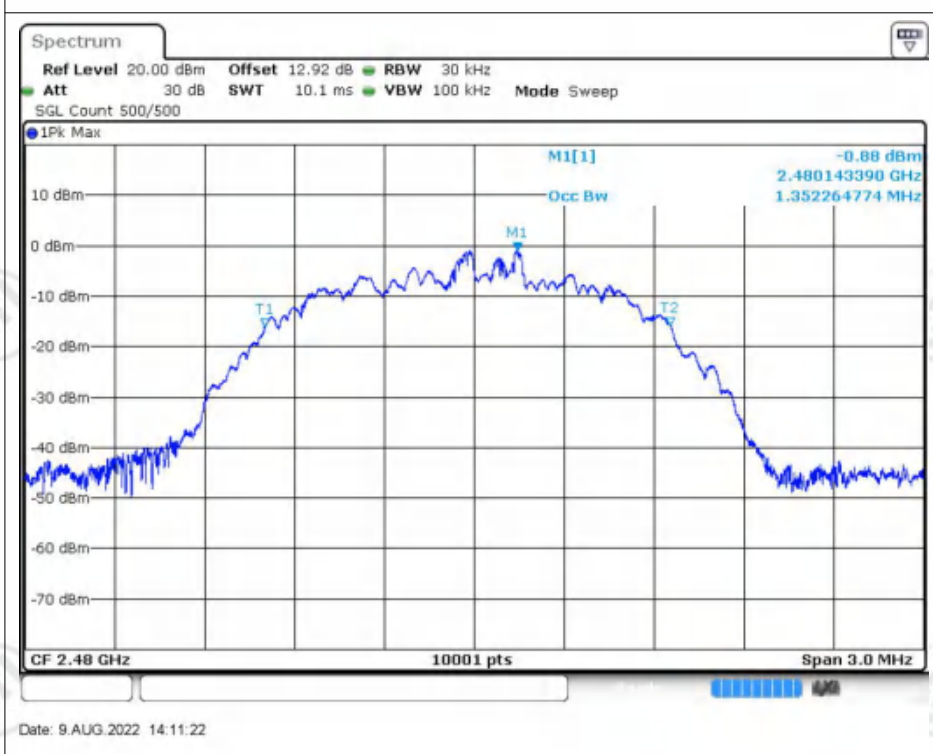


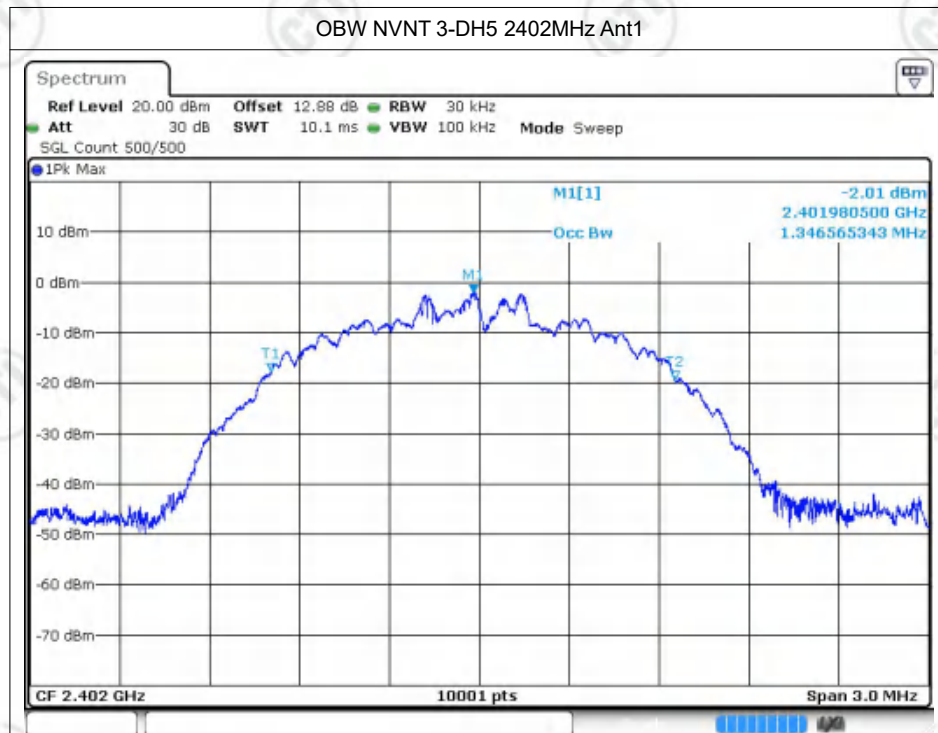
Date: 9.AUG.2022 14:06:13

OBW NVNT 2-DH5 2441MHz Ant1

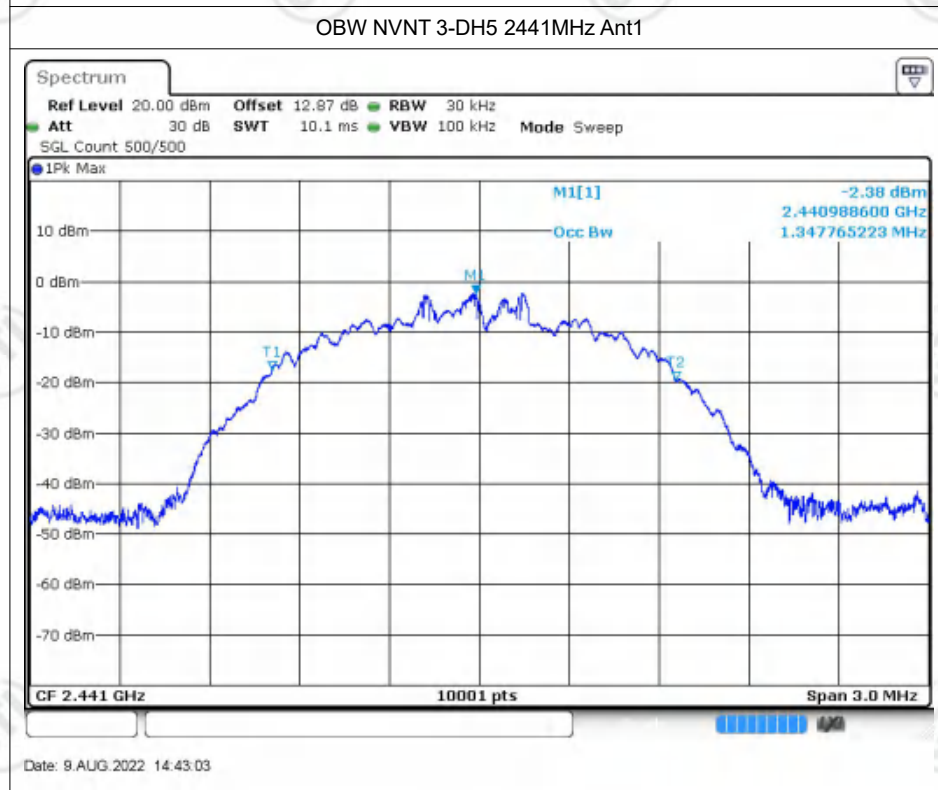


OBW NVNT 2-DH5 2480MHz Ant1

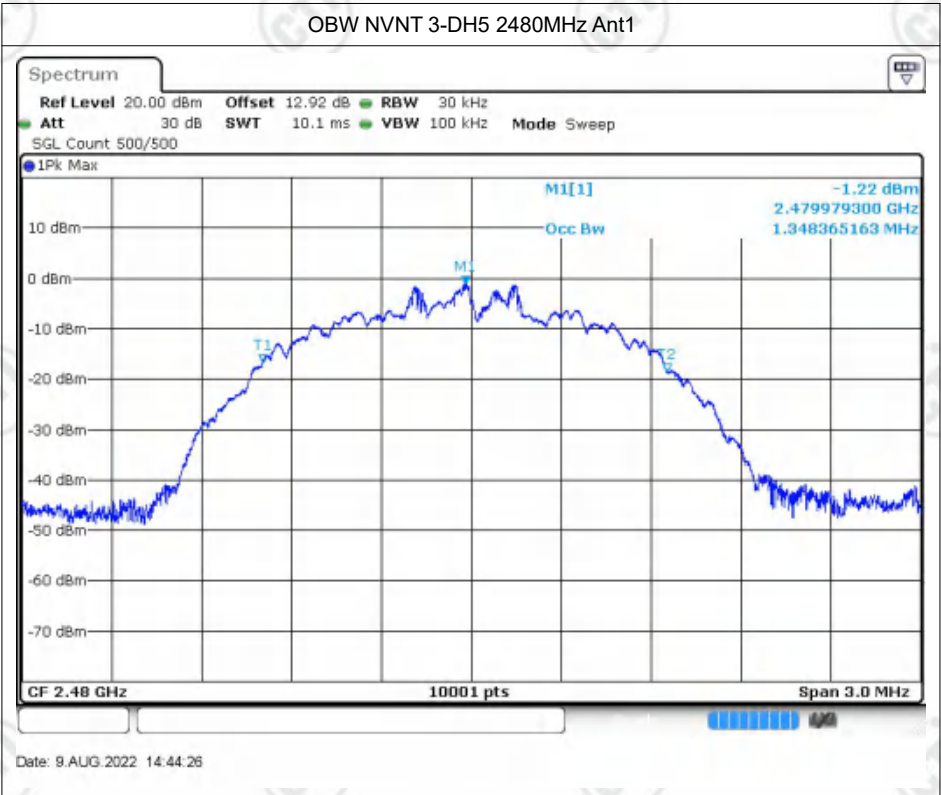




Date: 9.AUG.2022 14:36:17

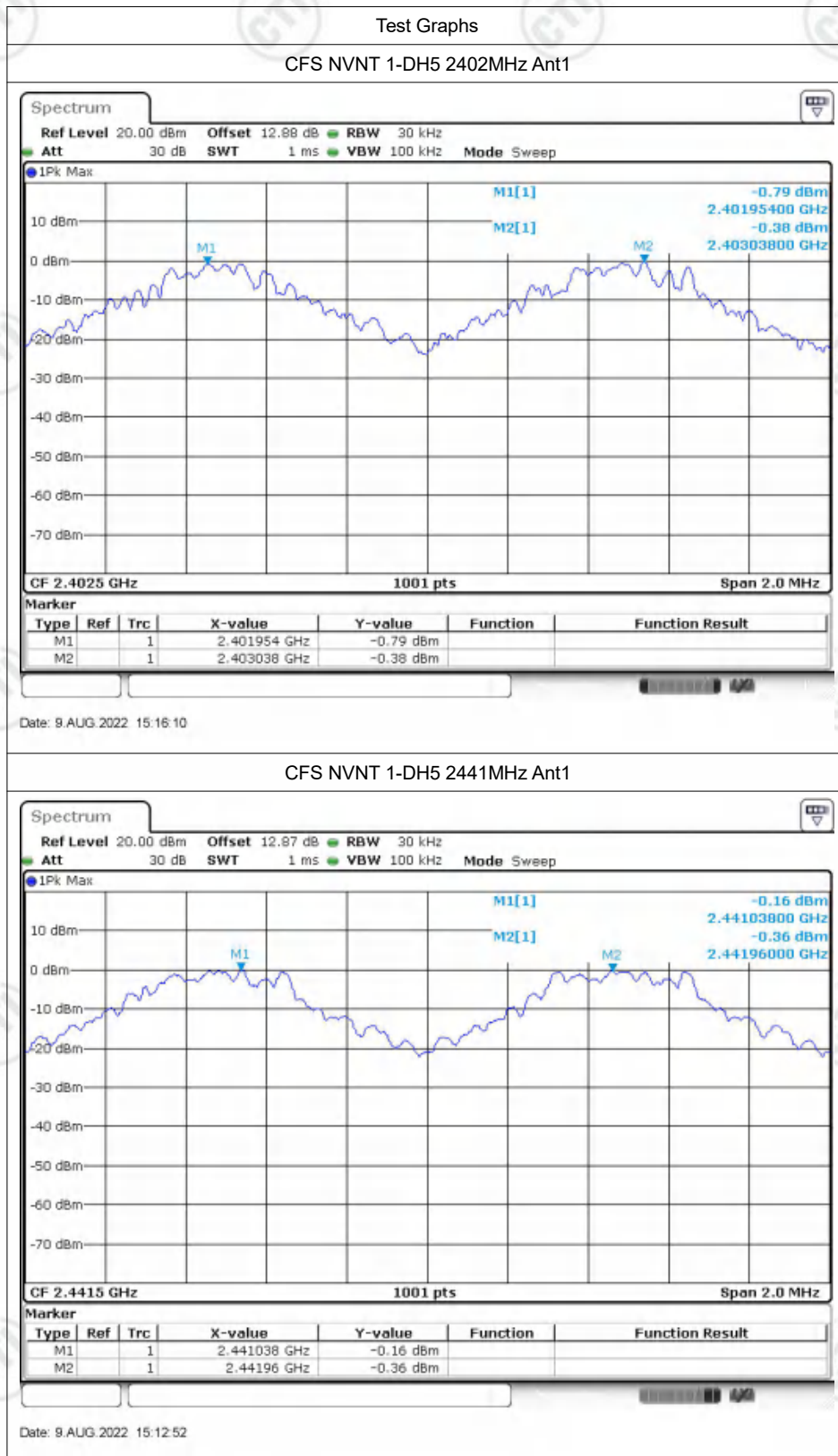


Date: 9.AUG.2022 14:43:03



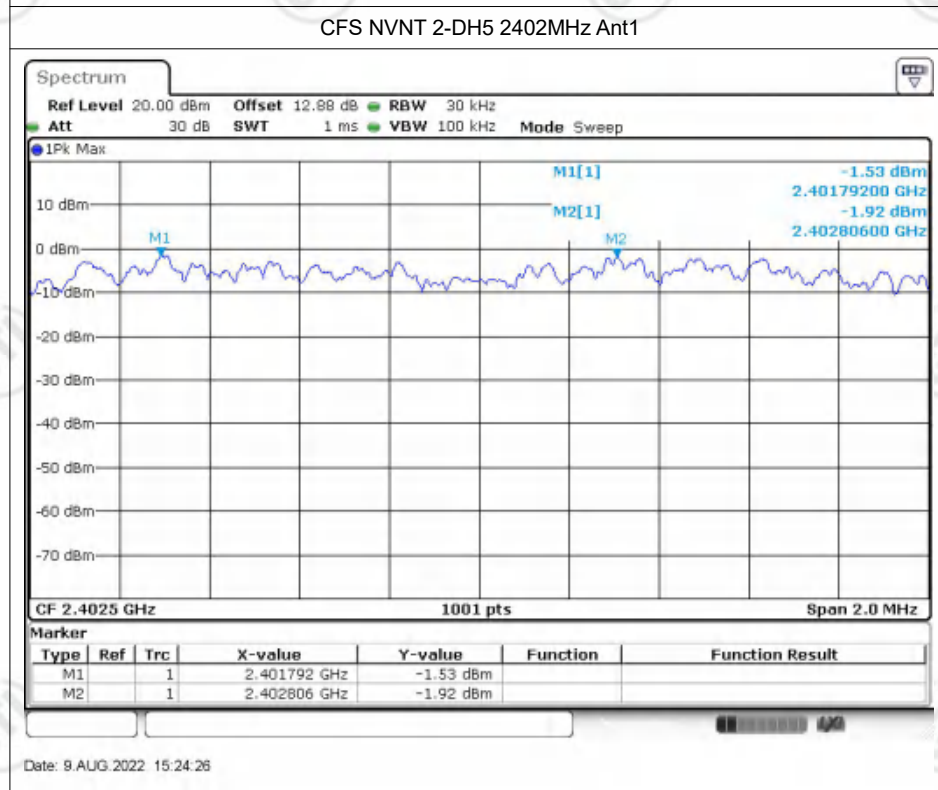
Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.954	2403.038	1.084	0.637	Pass
NVNT	1-DH5	Ant1	2441.038	2441.96	0.922	0.637	Pass
NVNT	1-DH5	Ant1	2479.036	2479.996	0.96	0.639	Pass
NVNT	2-DH5	Ant1	2401.792	2402.806	1.014	0.962	Pass
NVNT	2-DH5	Ant1	2440.804	2441.798	0.994	0.963	Pass
NVNT	2-DH5	Ant1	2479.136	2480.122	0.986	0.963	Pass
NVNT	3-DH5	Ant1	2401.806	2402.924	1.118	0.986	Pass
NVNT	3-DH5	Ant1	2440.926	2442.102	1.176	0.986	Pass
NVNT	3-DH5	Ant1	2479.08	2480.132	1.052	0.987	Pass

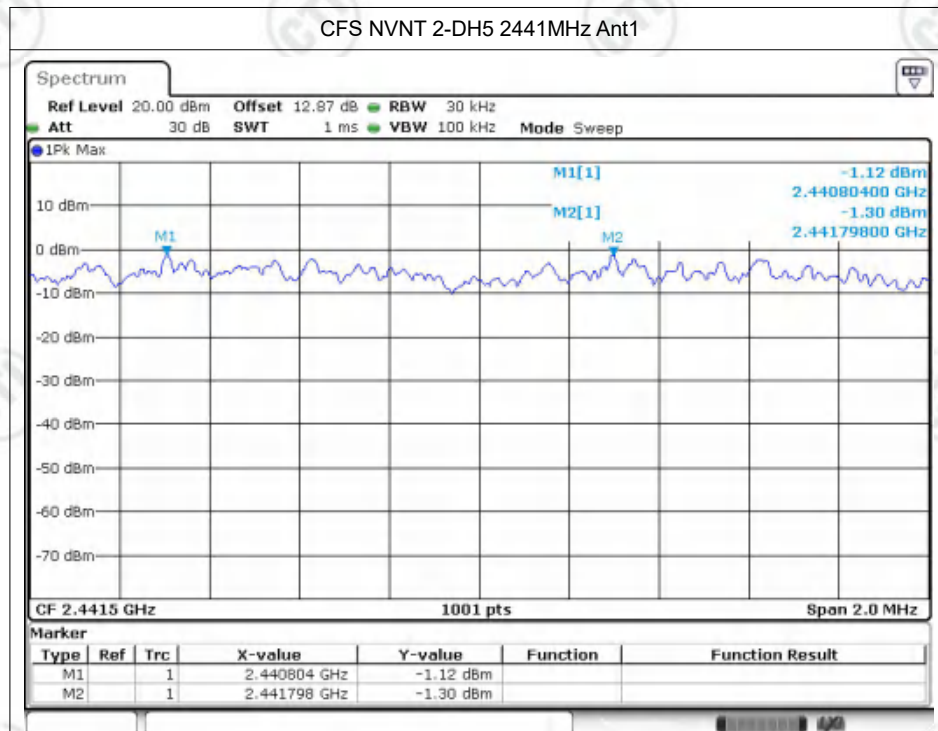




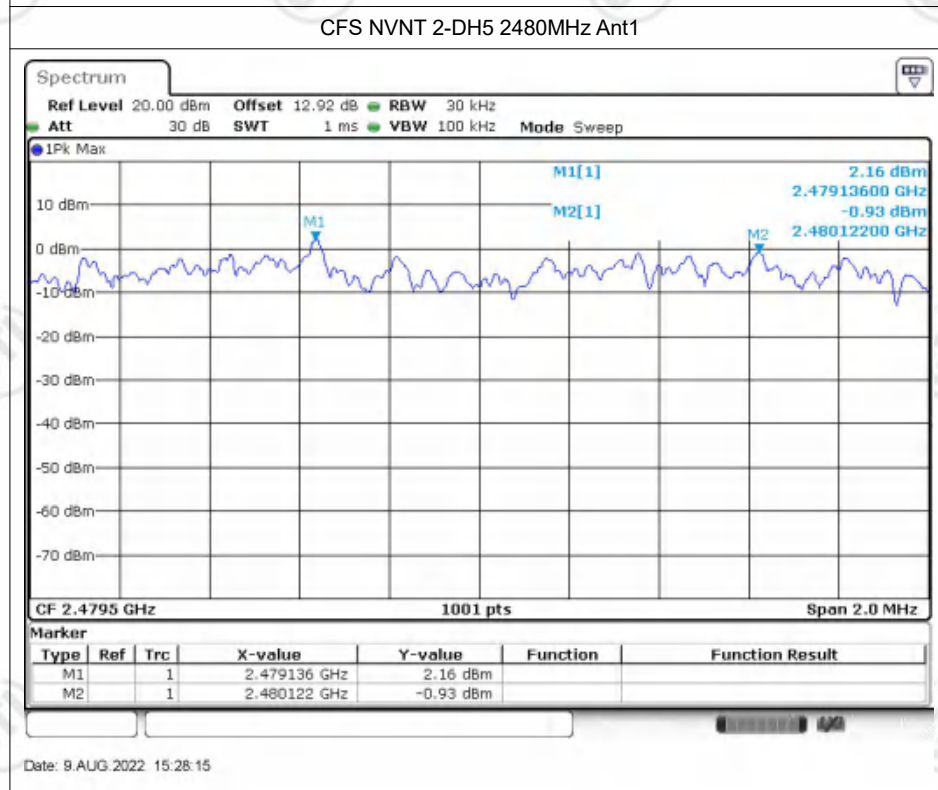
Date: 9.AUG.2022 15:21:37



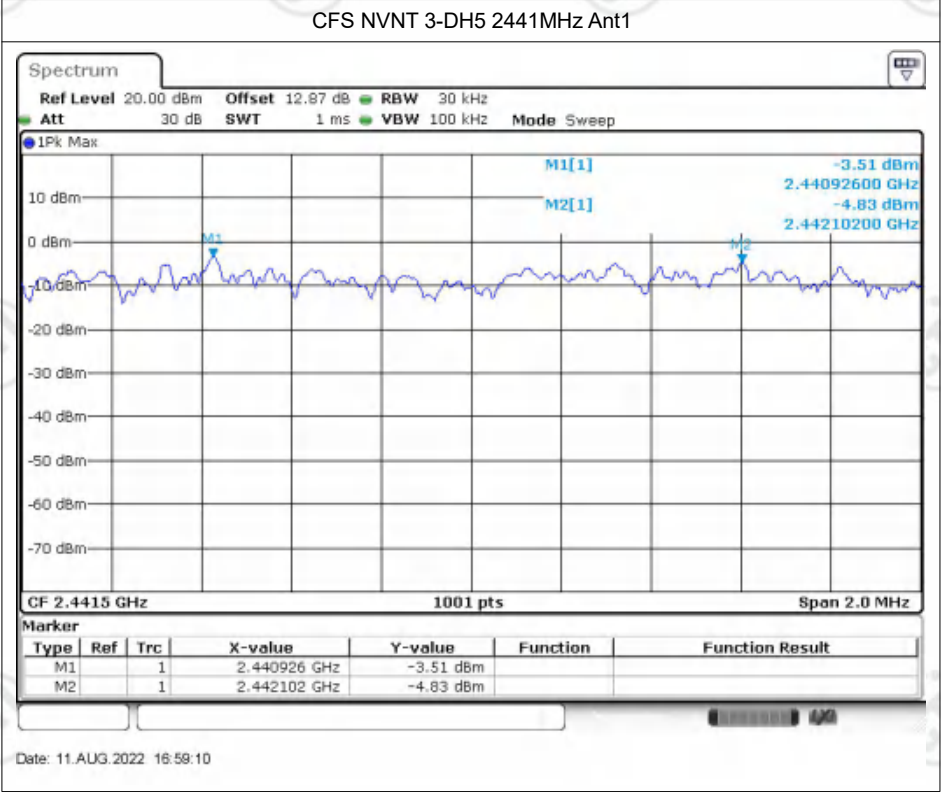
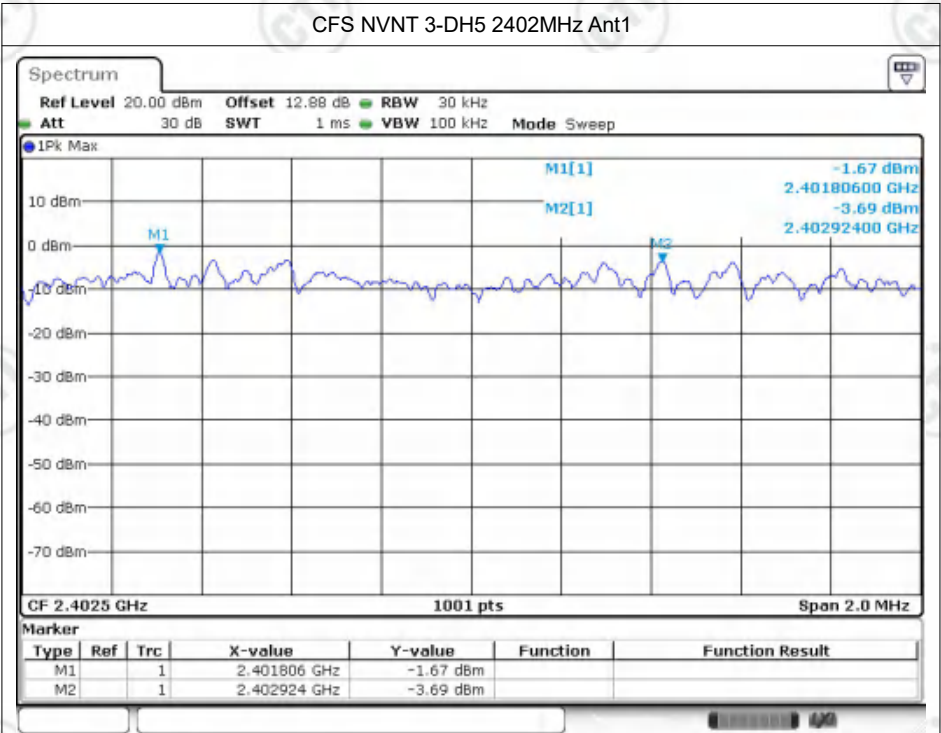
Date: 9.AUG.2022 15:24:26

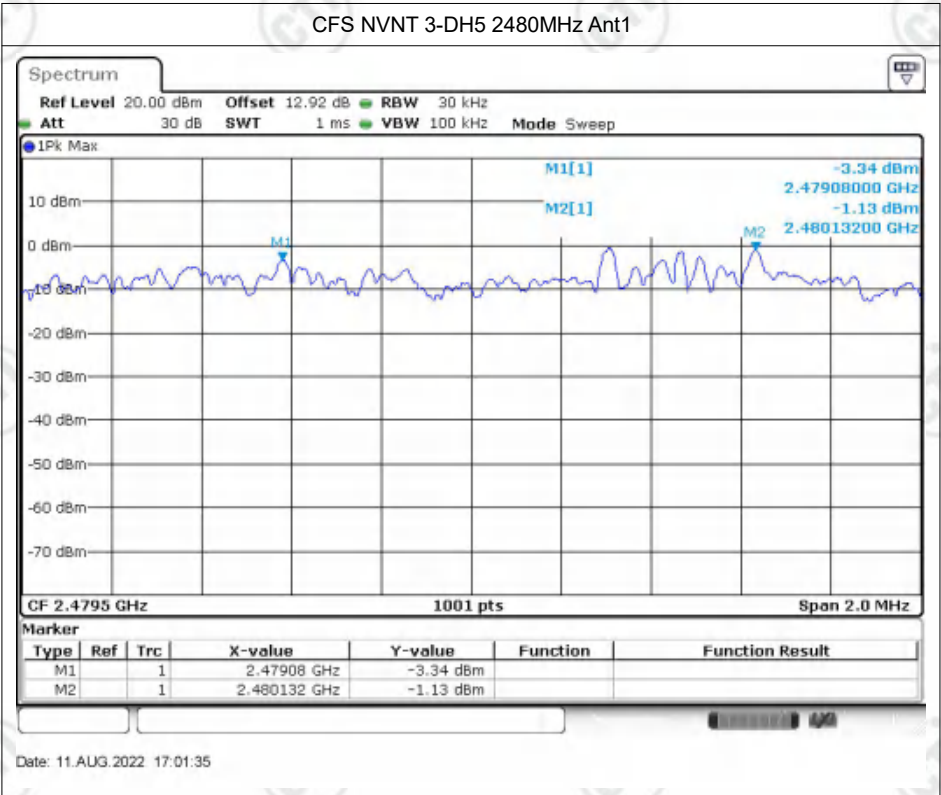


Date: 9.AUG.2022 15:26:19



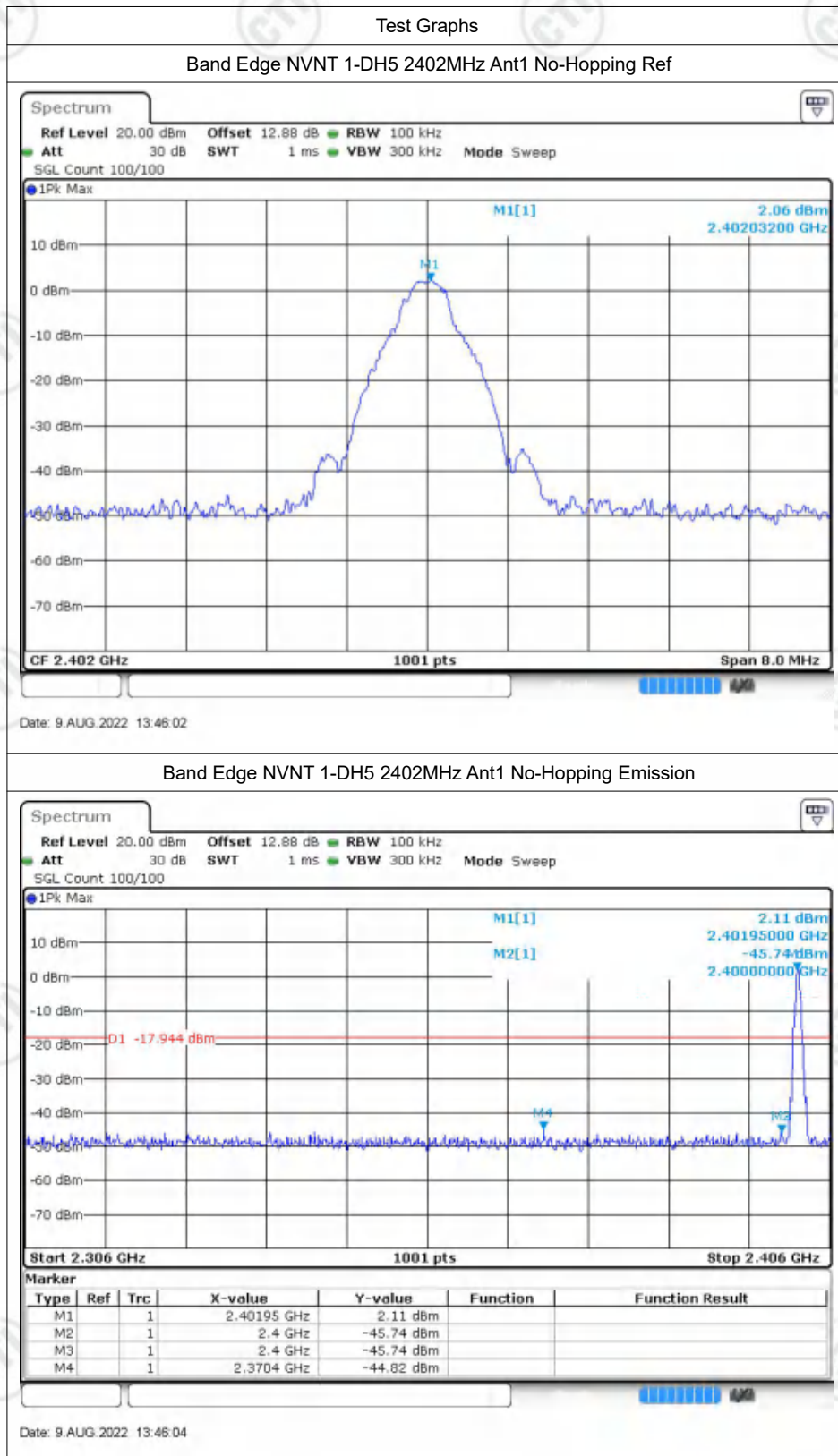
Date: 9.AUG.2022 15:28:15

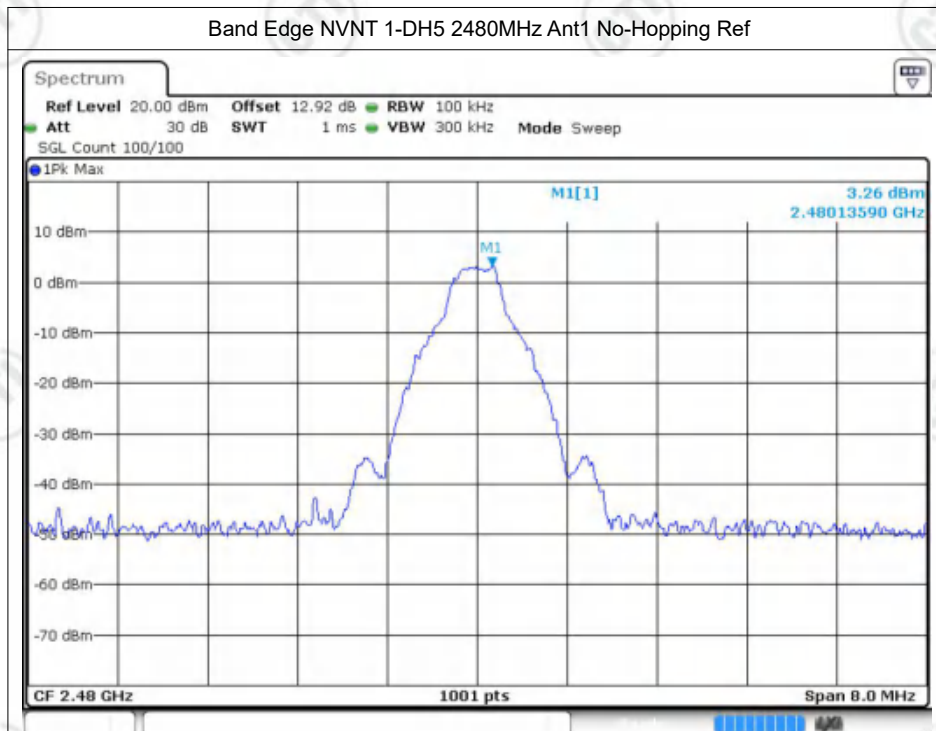




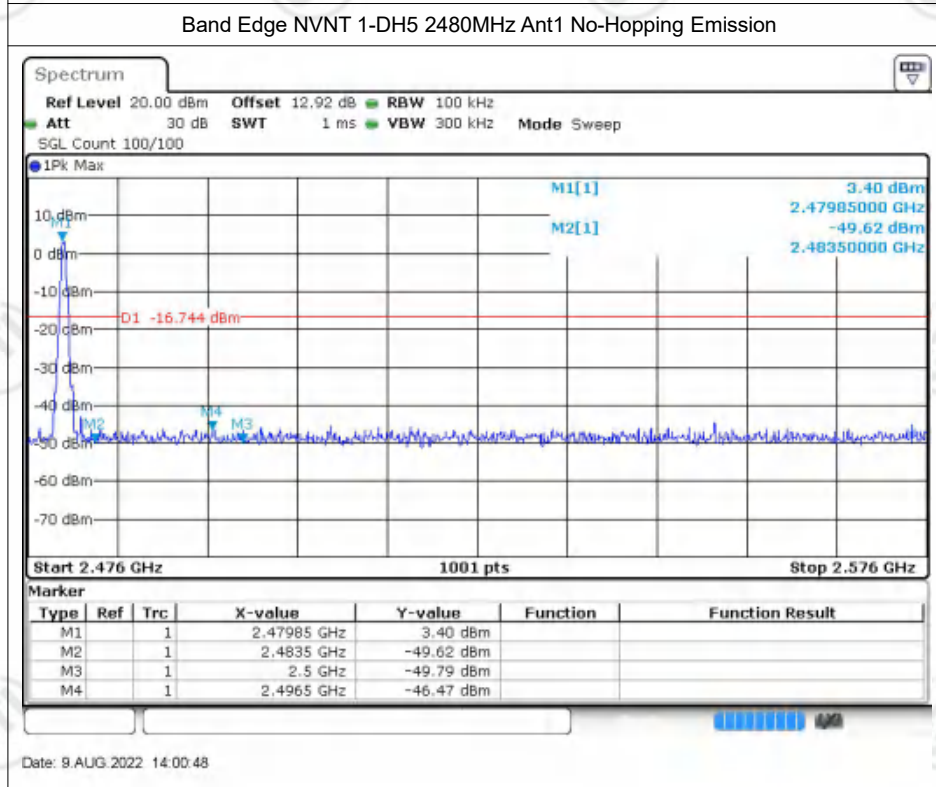
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-46.88	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-49.73	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-44.55	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-44.82	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-46.59	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-46.51	-20	Pass

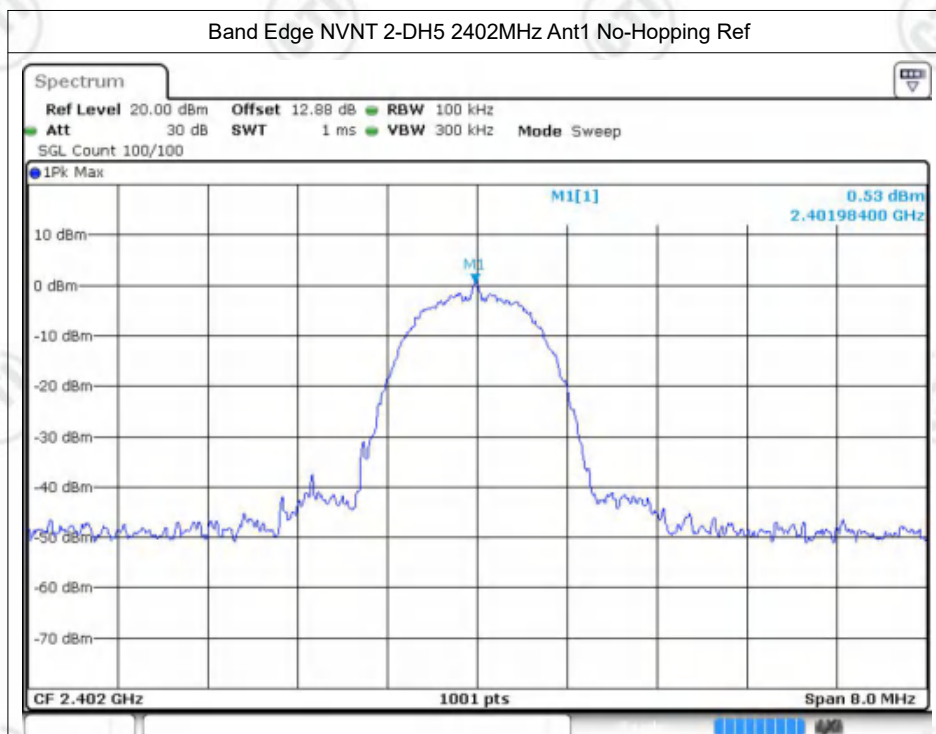




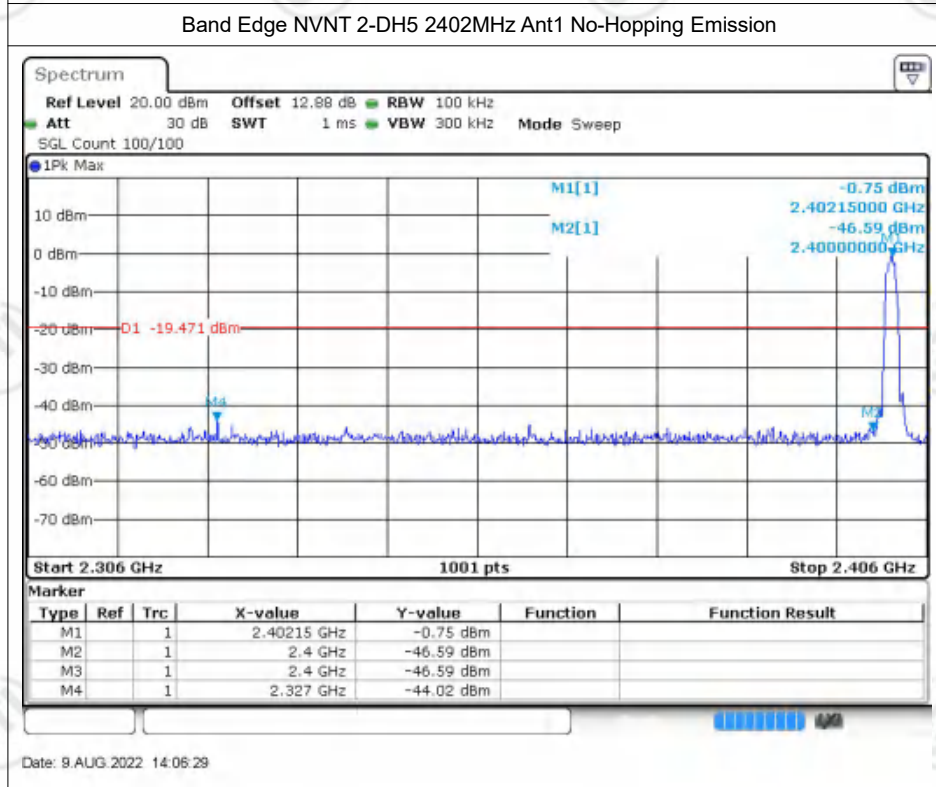
Date: 9.AUG.2022 14:00:46



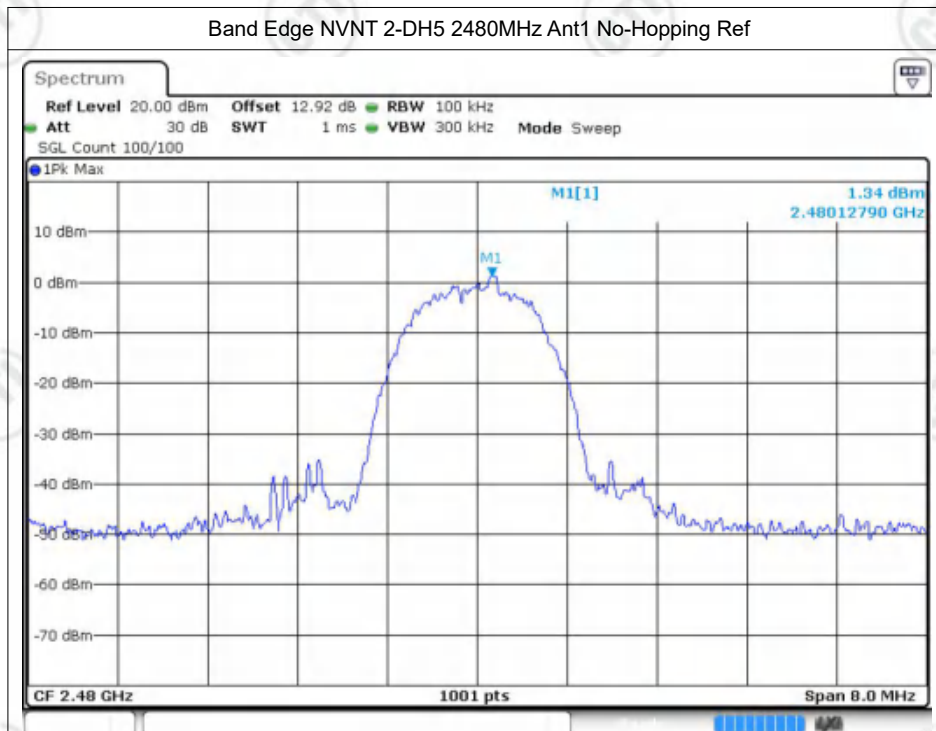
Date: 9.AUG.2022 14:00:48



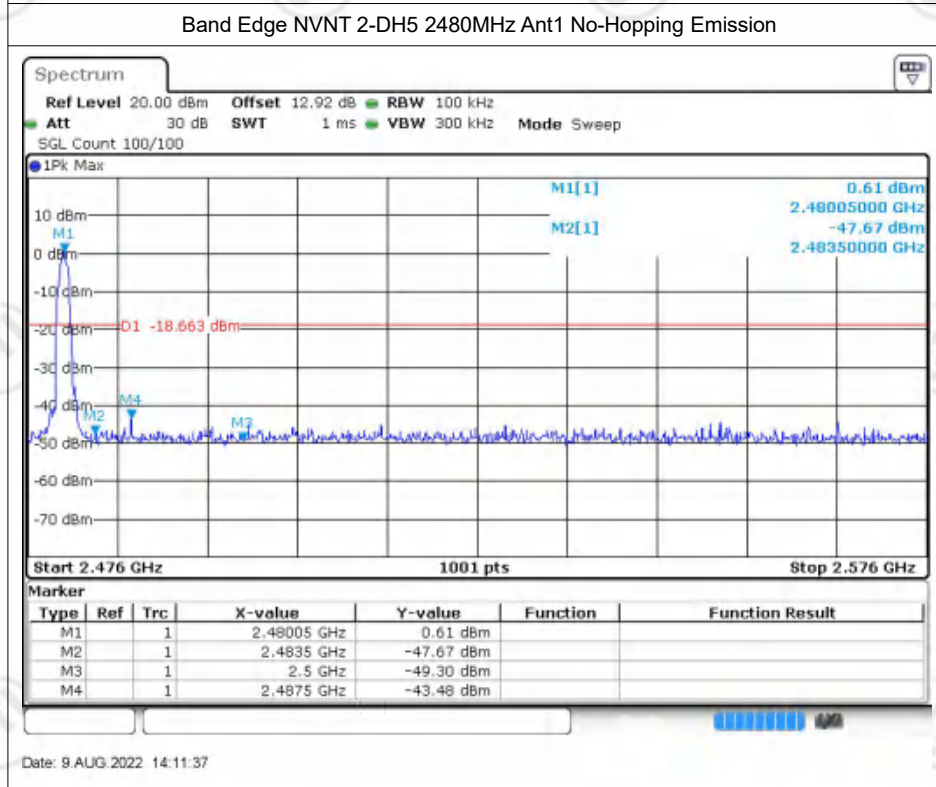
Date: 9.AUG.2022 14:06:27



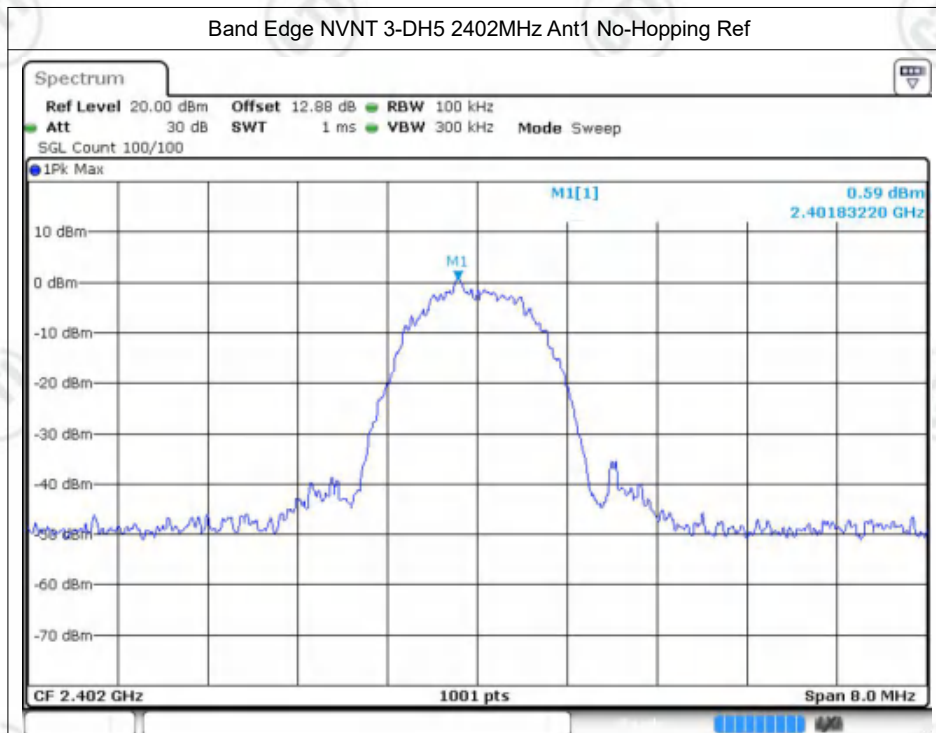
Date: 9.AUG.2022 14:06:29



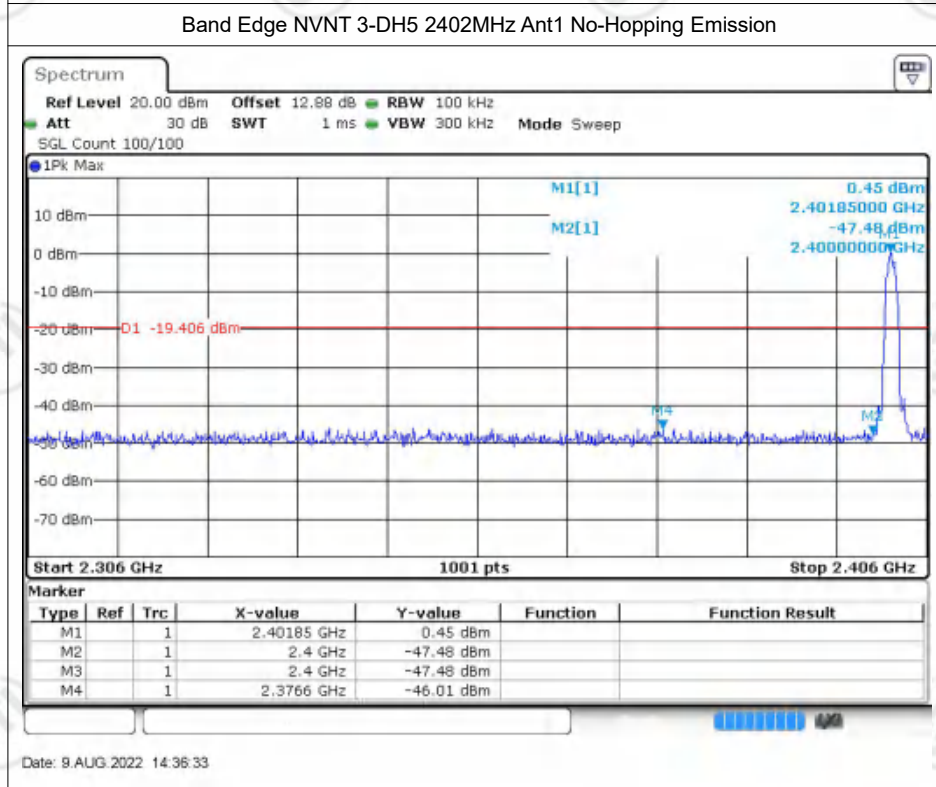
Date: 9.AUG.2022 14:11:36



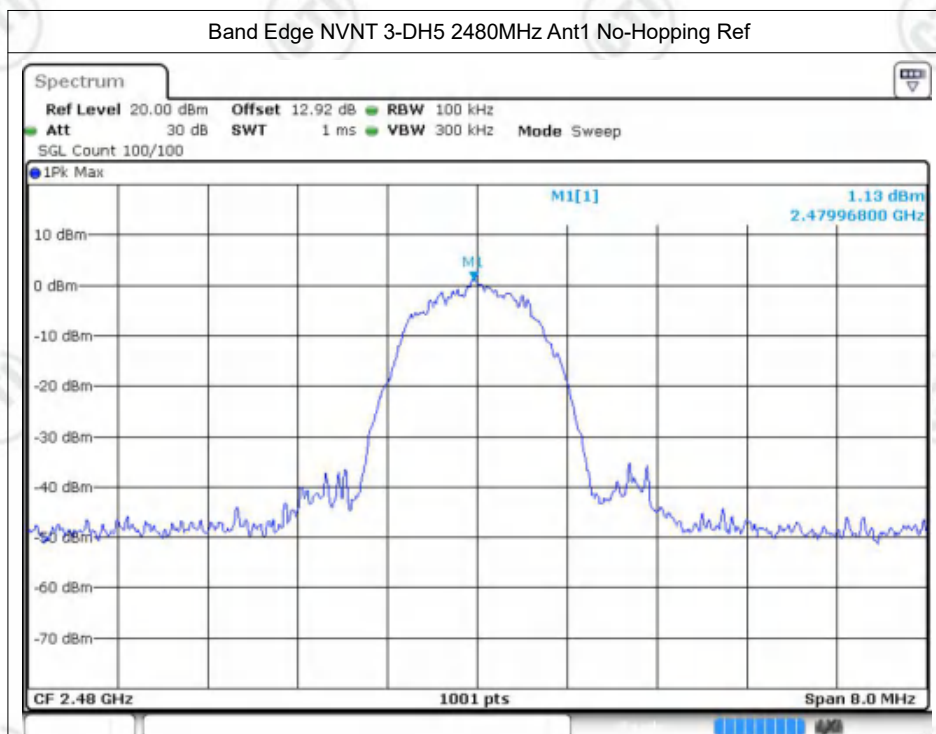
Date: 9.AUG.2022 14:11:37



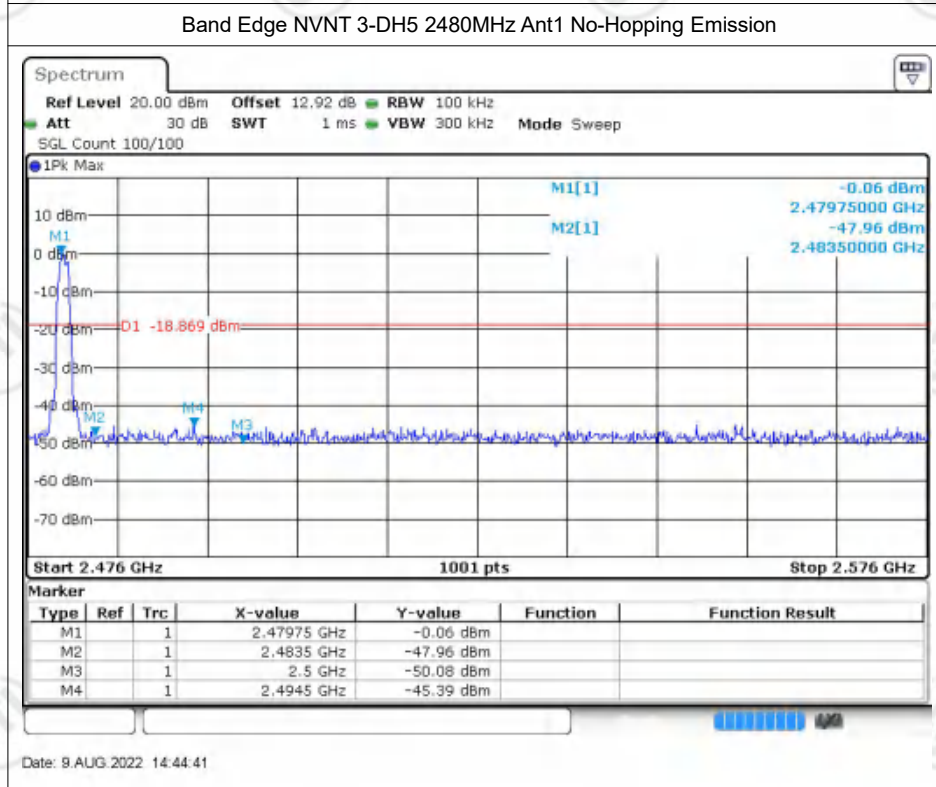
Date: 9.AUG.2022 14:36:31



Date: 9.AUG.2022 14:36:33



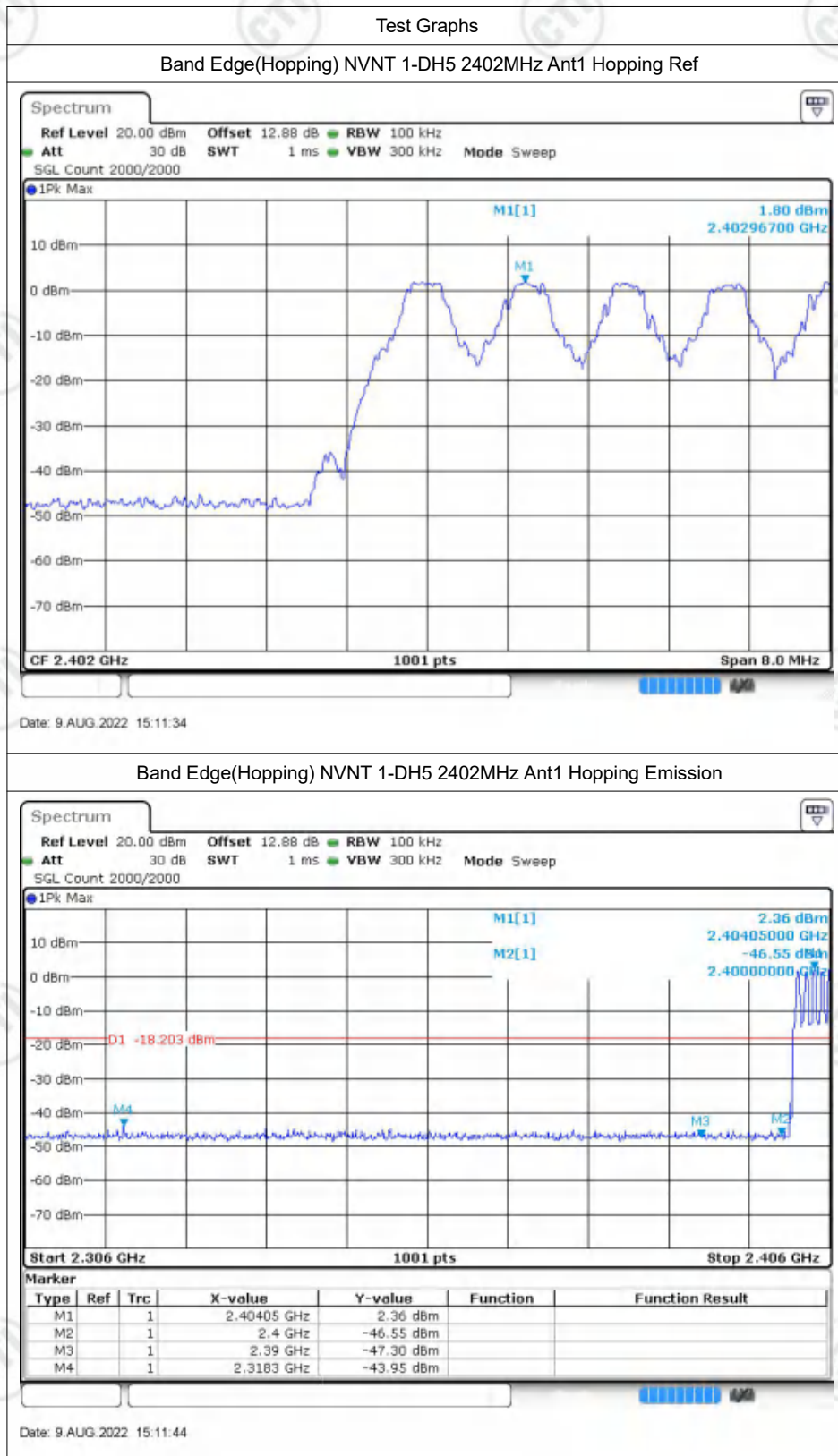
Date: 9.AUG.2022 14:44:40

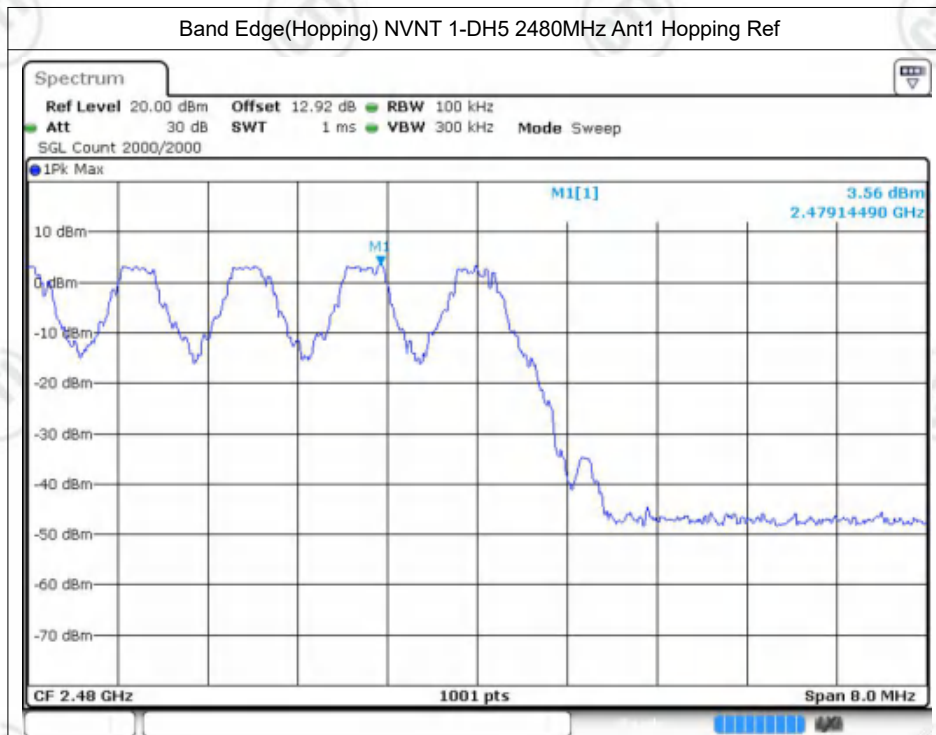


Date: 9.AUG.2022 14:44:41

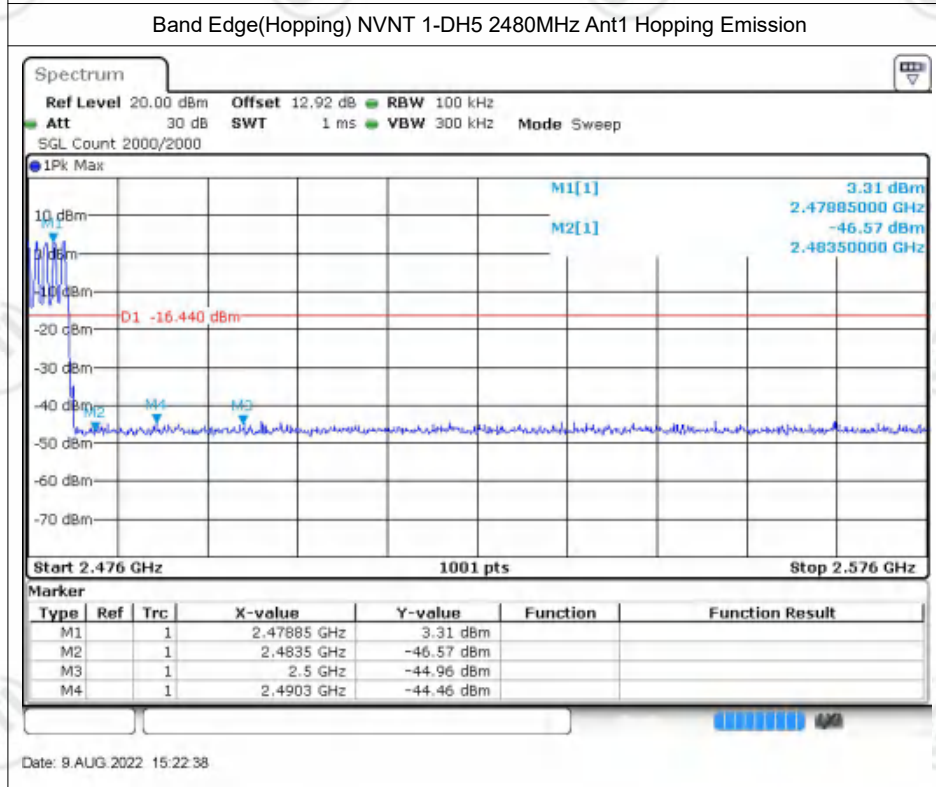
Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-45.75	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-48.02	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-46.38	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-49.43	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-46.94	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-46.49	-20	Pass

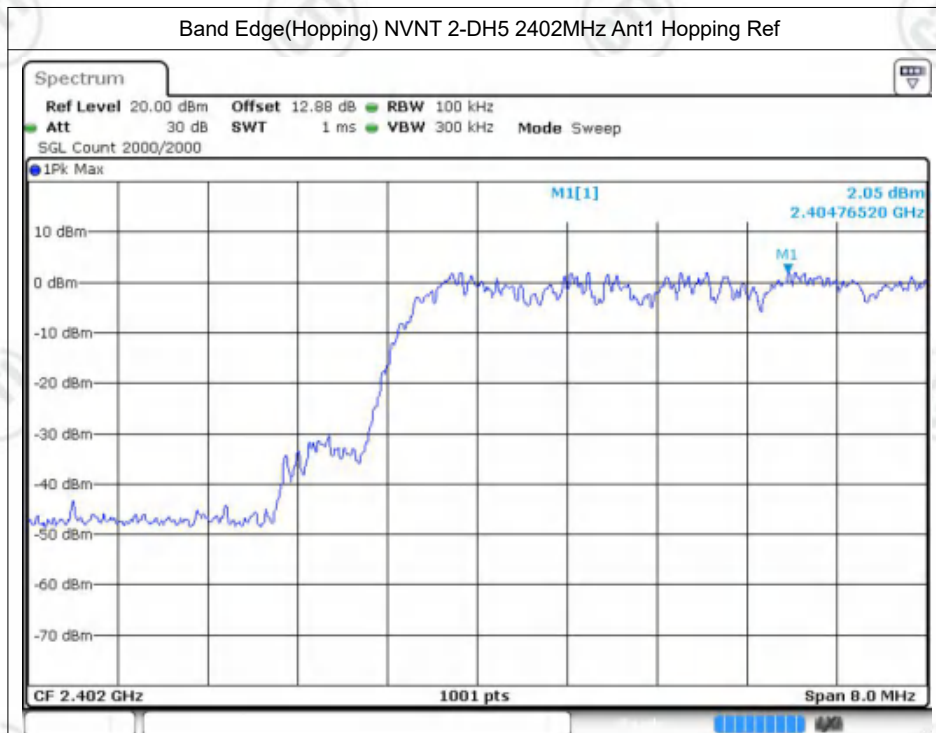




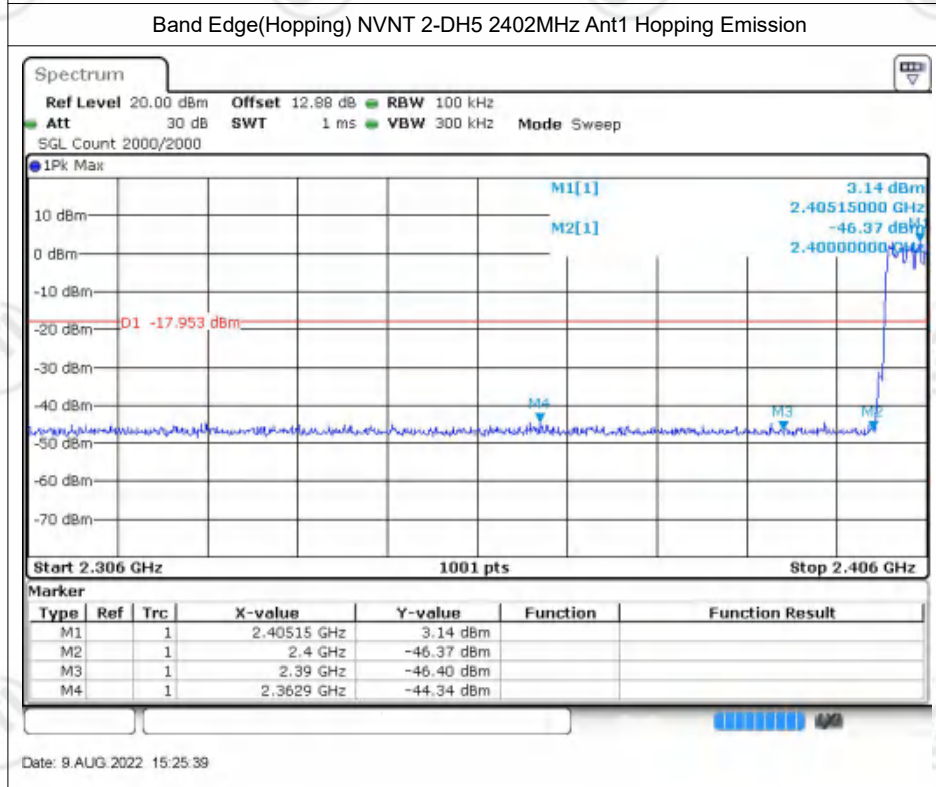
Date: 9.AUG.2022 15:22:33



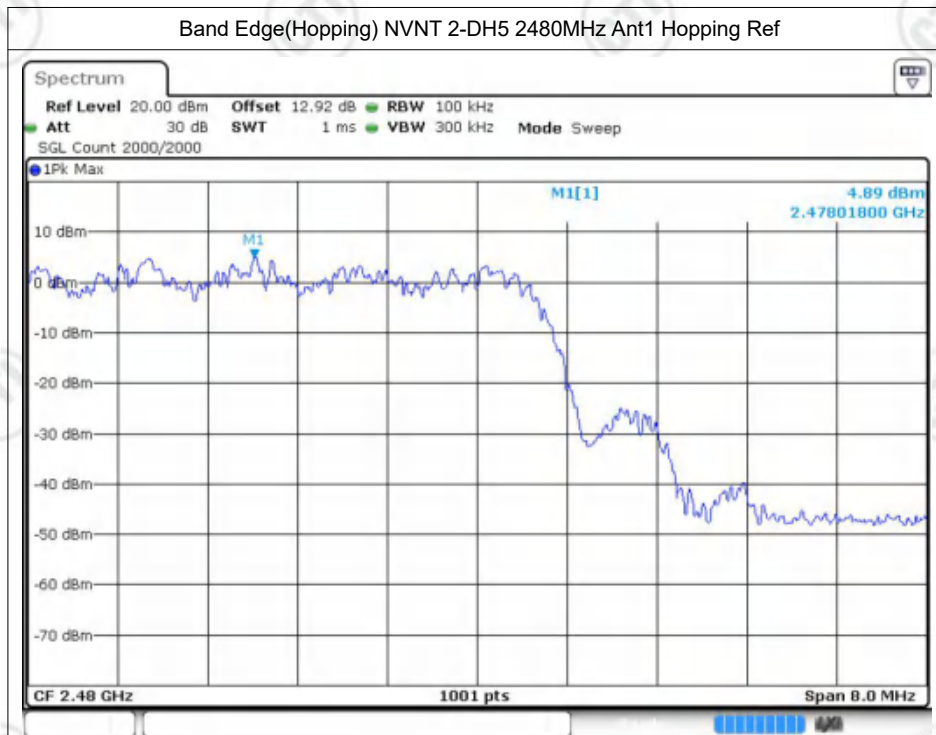
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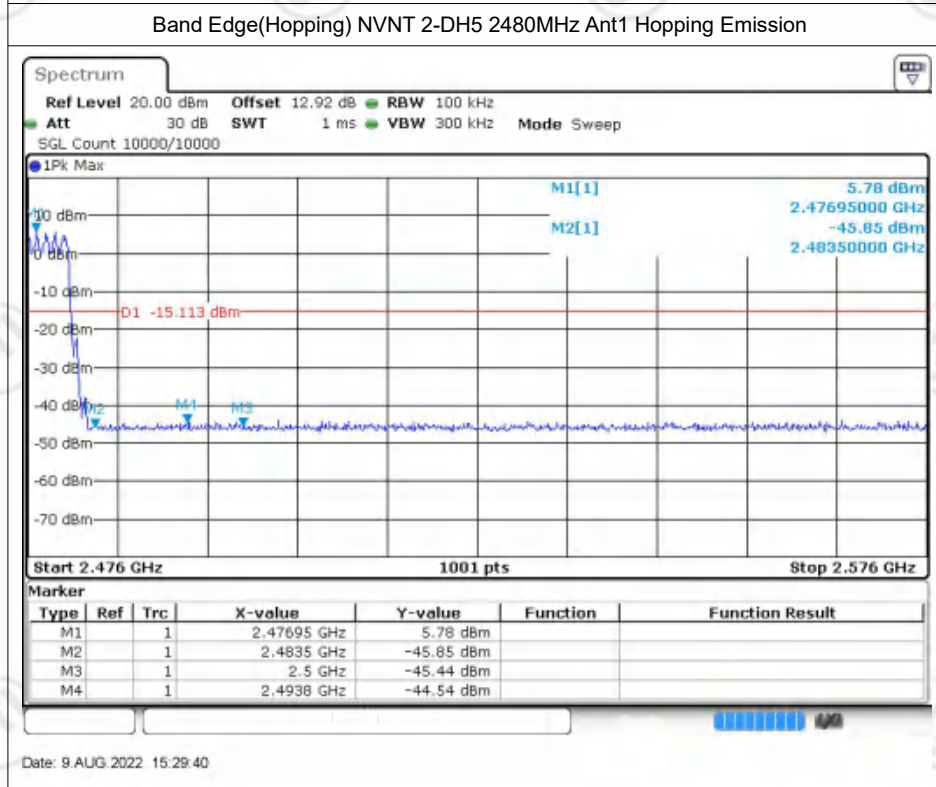
Date: 9.AUG.2022 15:25:29



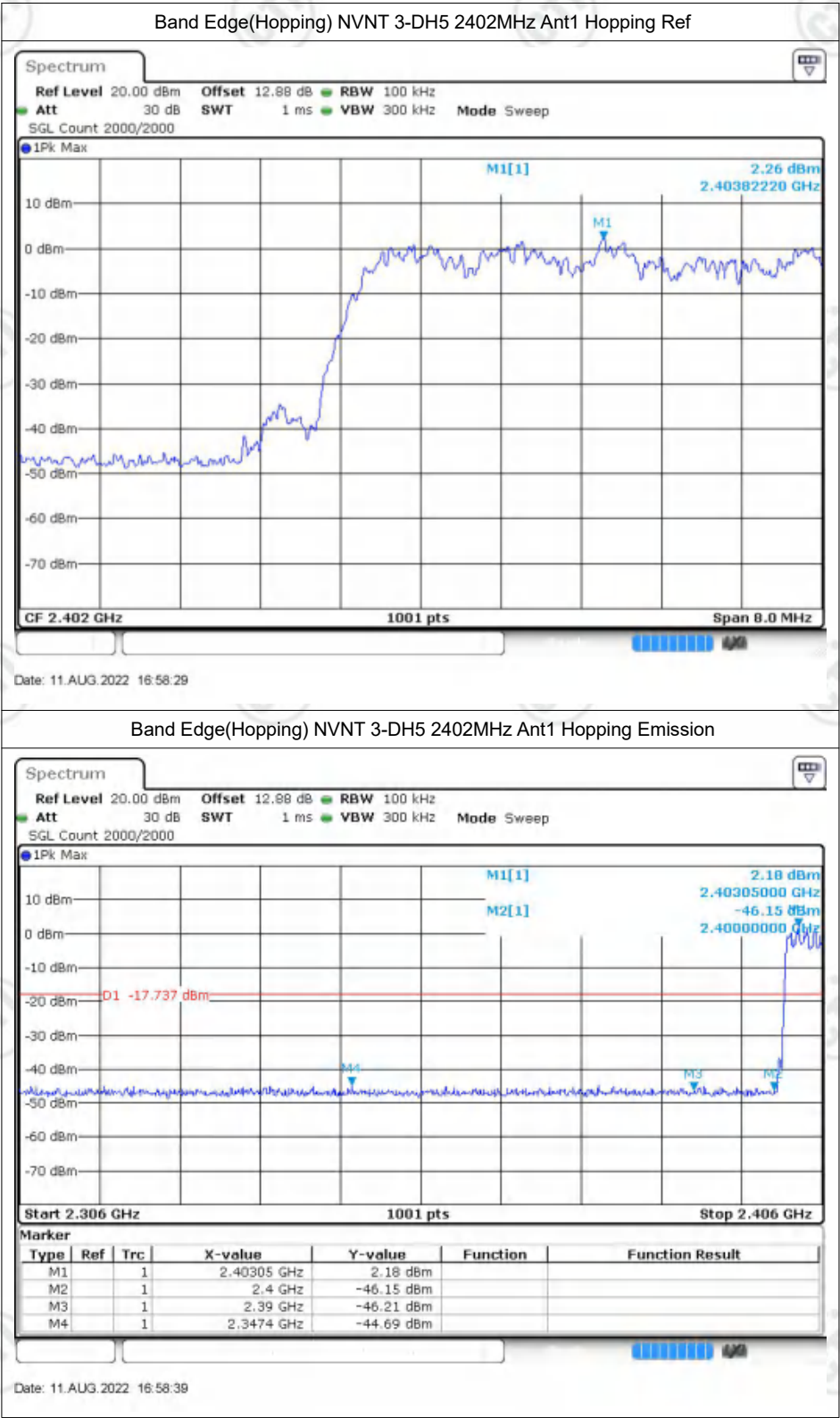
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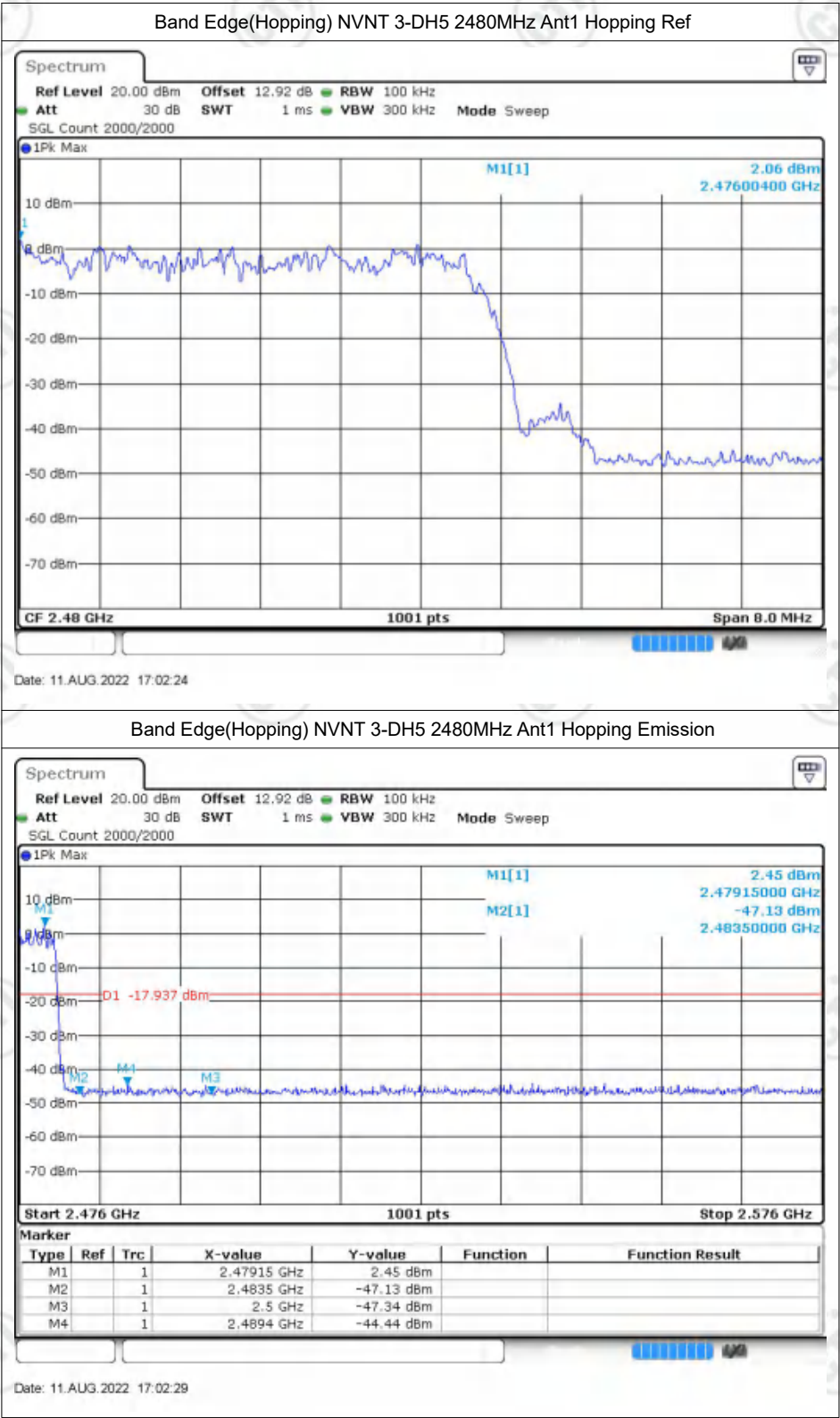


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Date: 9.AUG.2022 15:29:40



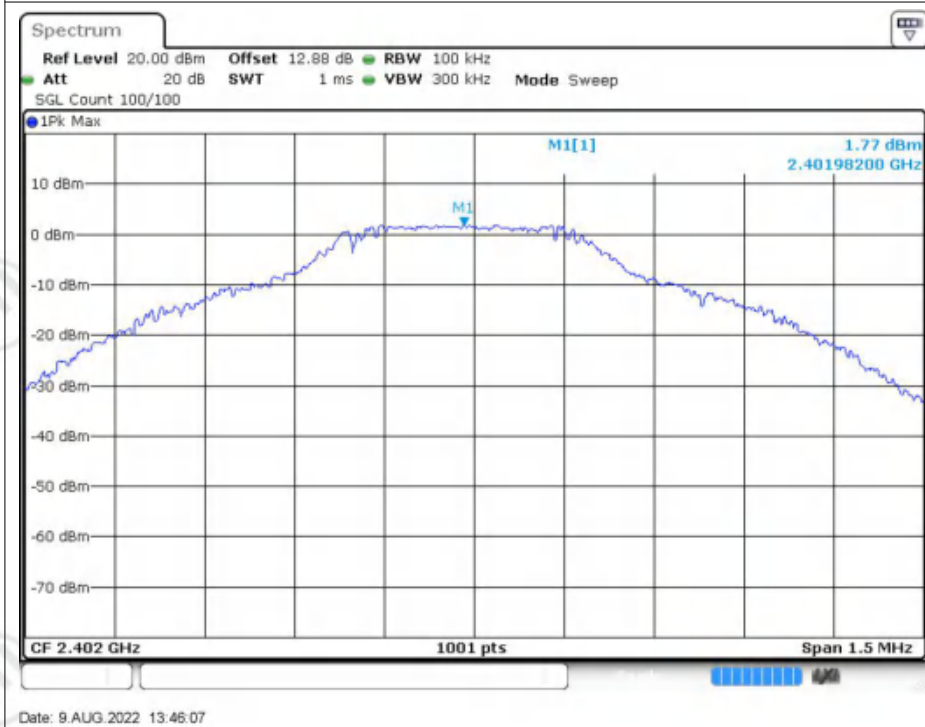


Conducted RF Spurious Emission

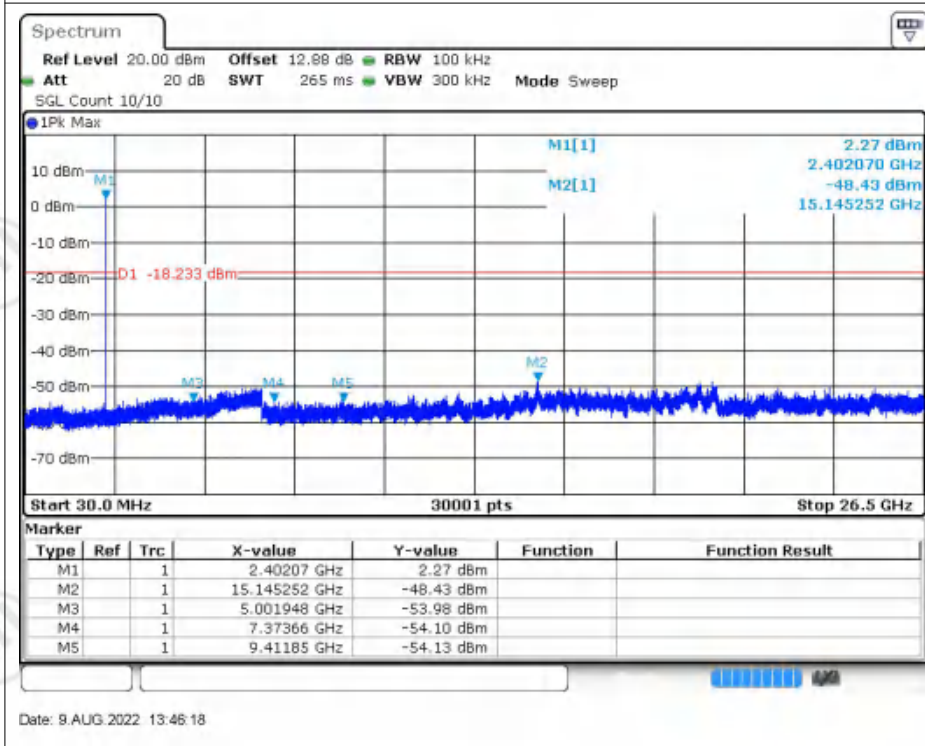
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-50.19	-20	Pass
NVNT	1-DH5	2441	Ant1	-50.01	-20	Pass
NVNT	1-DH5	2480	Ant1	-51.09	-20	Pass
NVNT	2-DH5	2402	Ant1	-48.64	-20	Pass
NVNT	2-DH5	2441	Ant1	-49.33	-20	Pass
NVNT	2-DH5	2480	Ant1	-50.04	-20	Pass
NVNT	3-DH5	2402	Ant1	-48.93	-20	Pass
NVNT	3-DH5	2441	Ant1	-49.05	-20	Pass
NVNT	3-DH5	2480	Ant1	-49.49	-20	Pass

Test Graphs

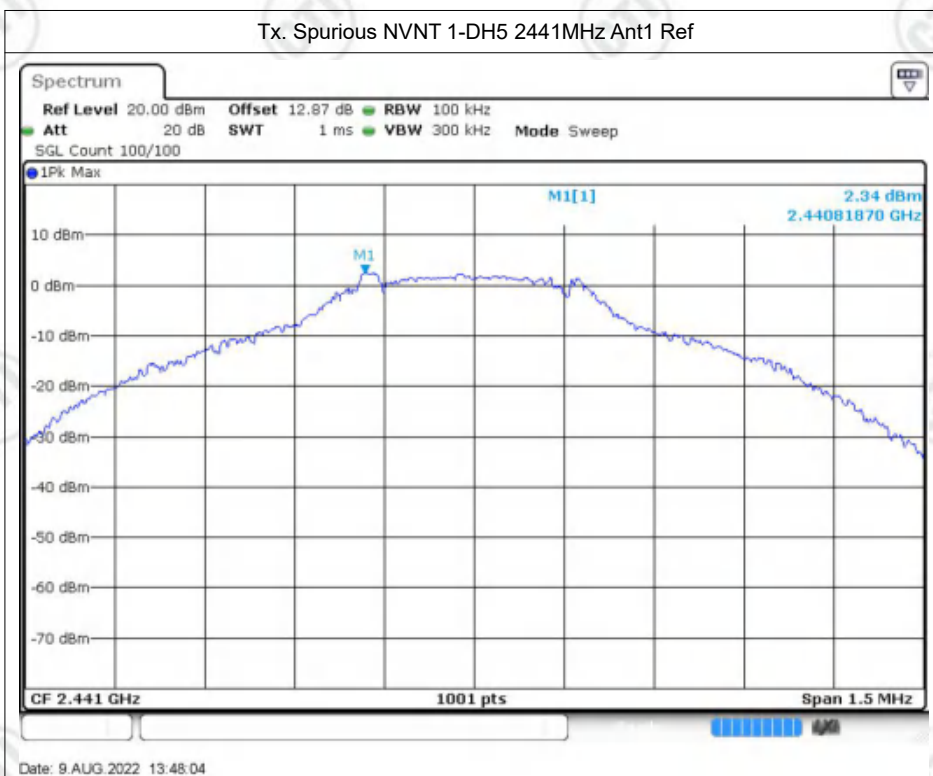
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



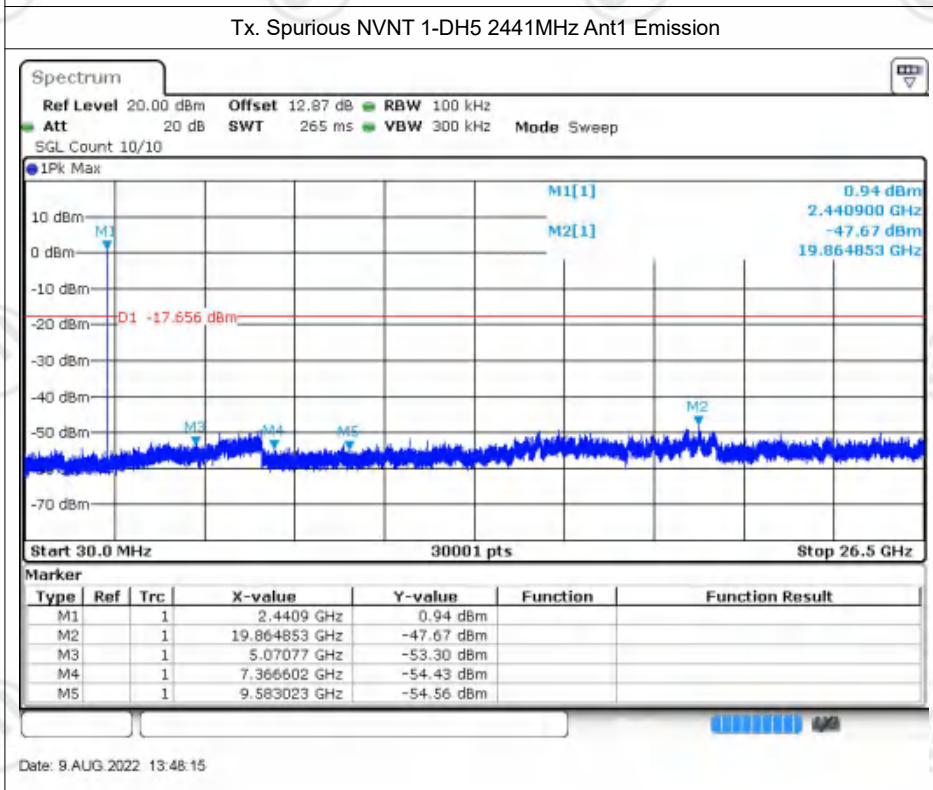
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



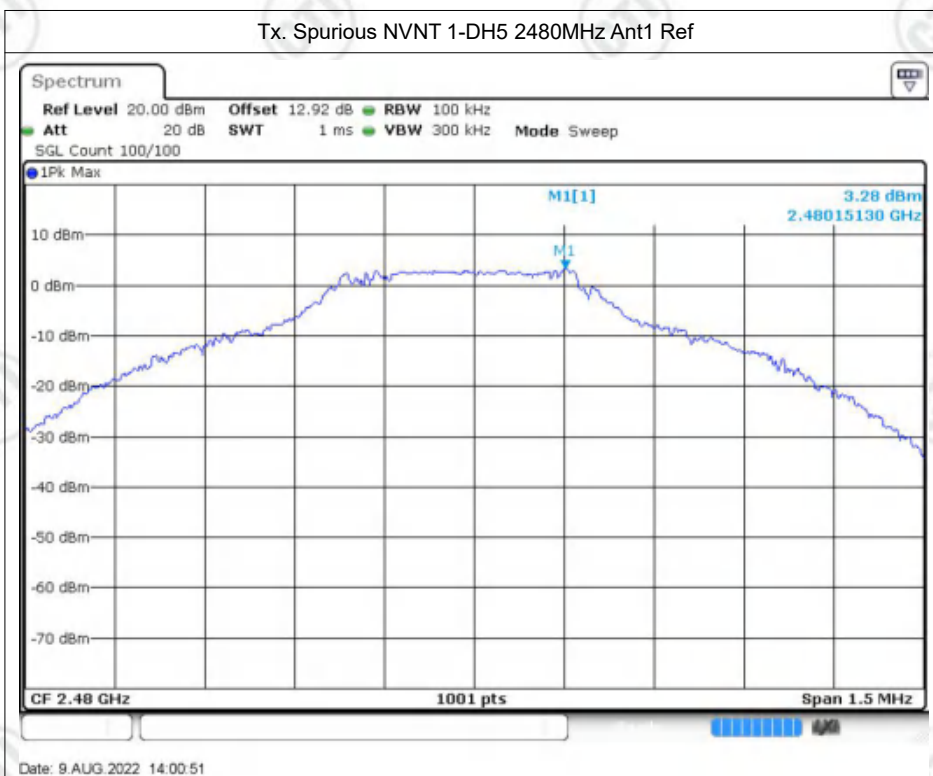
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



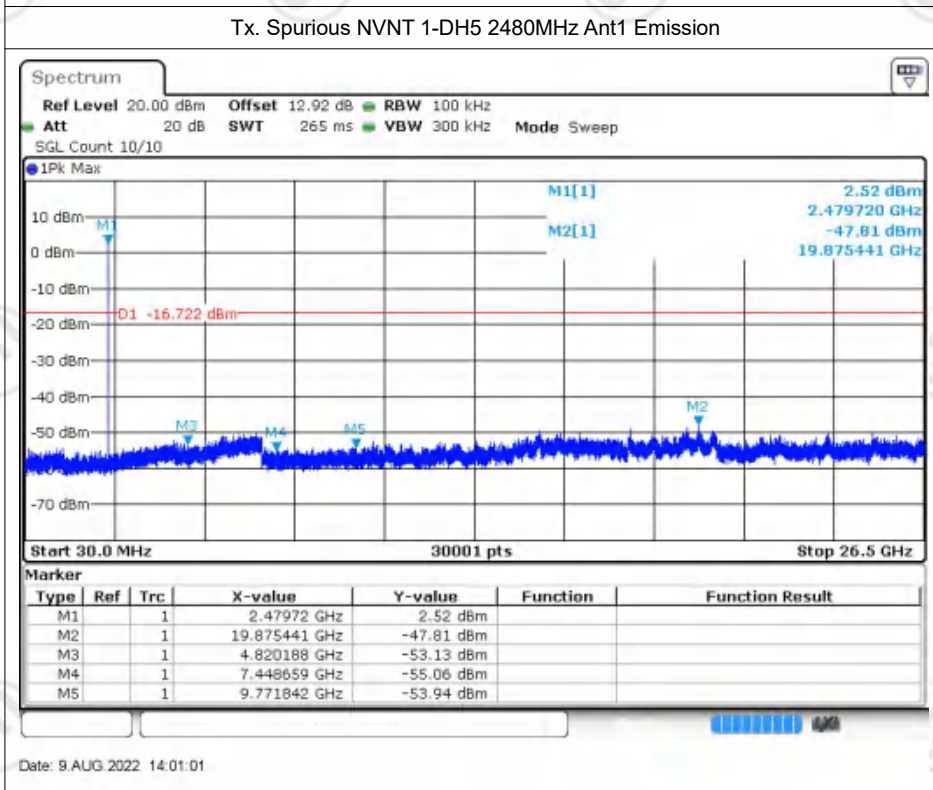
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



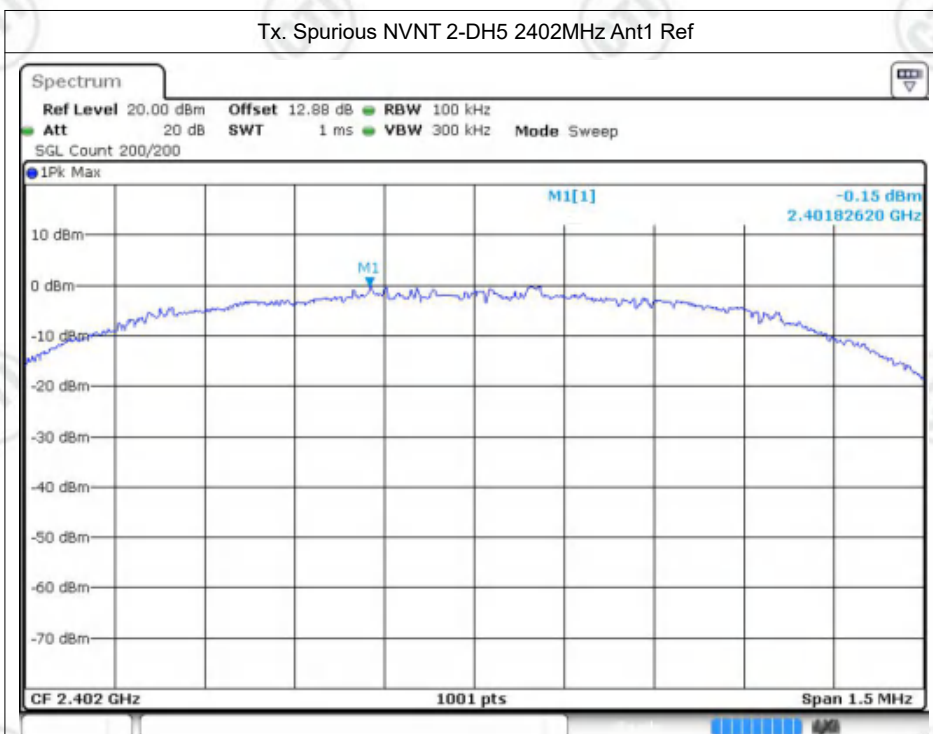
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission

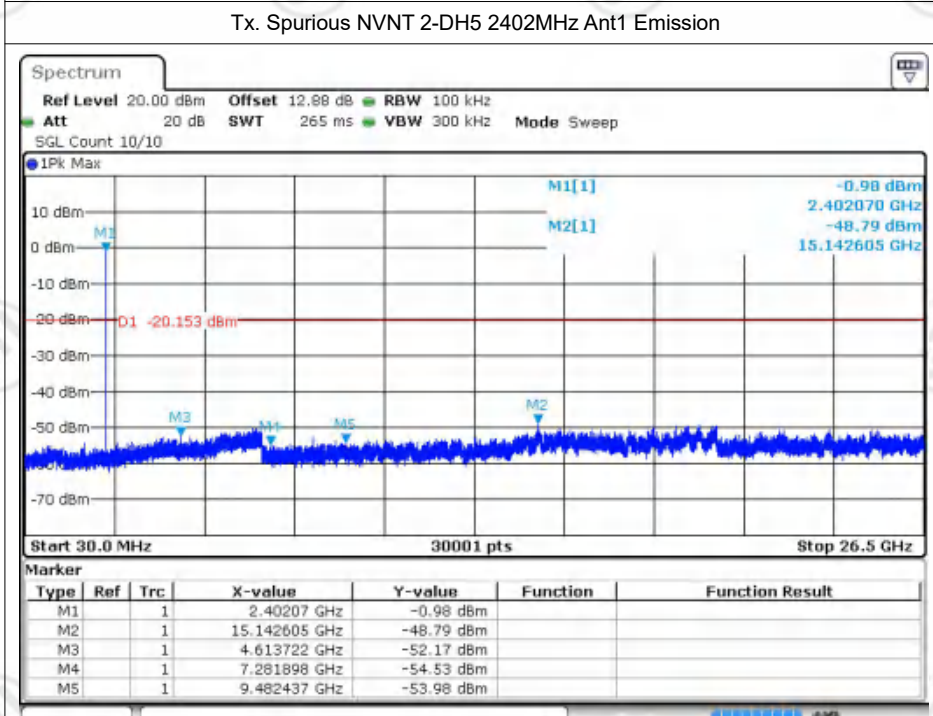


Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



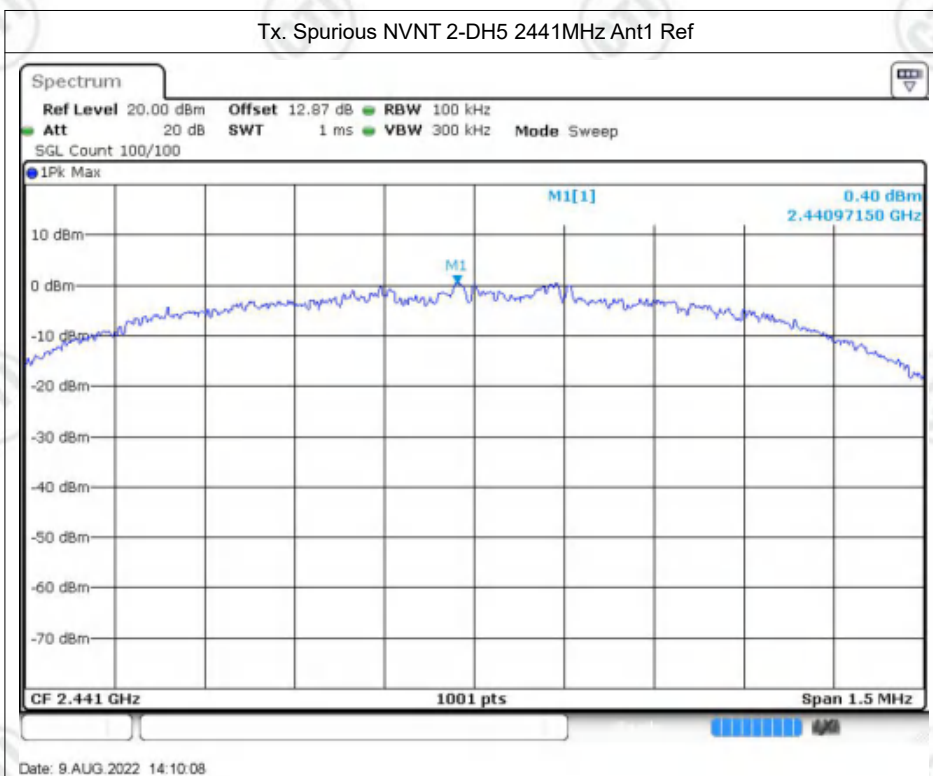
Date: 9.AUG.2022 14:07:17

Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission

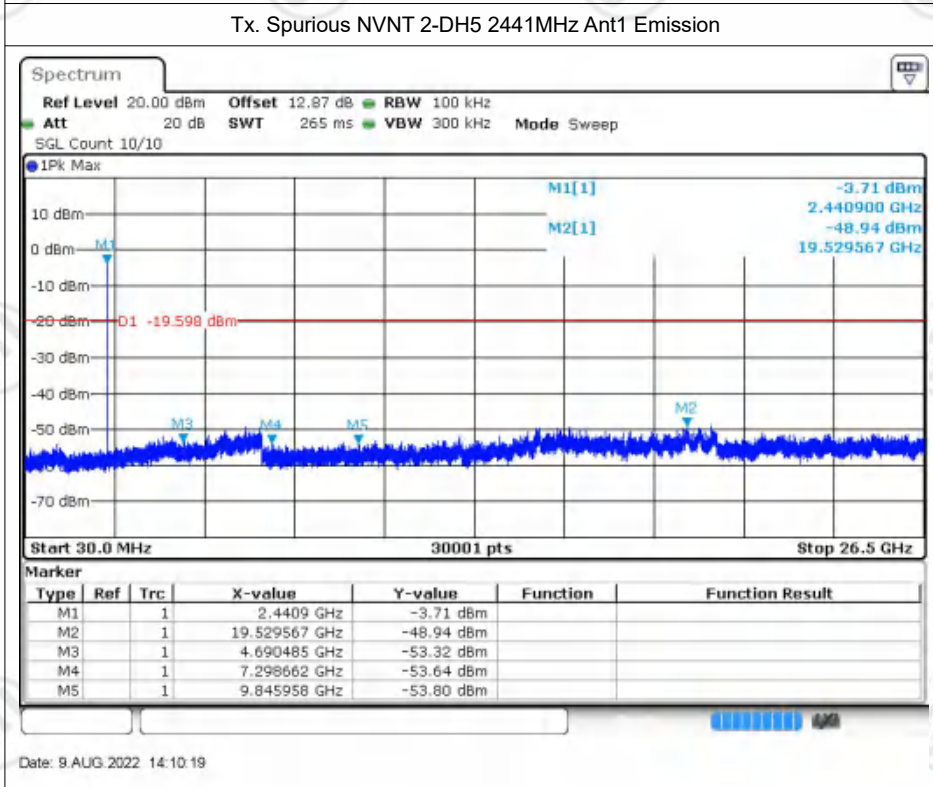


Date: 9.AUG.2022 14:07:27

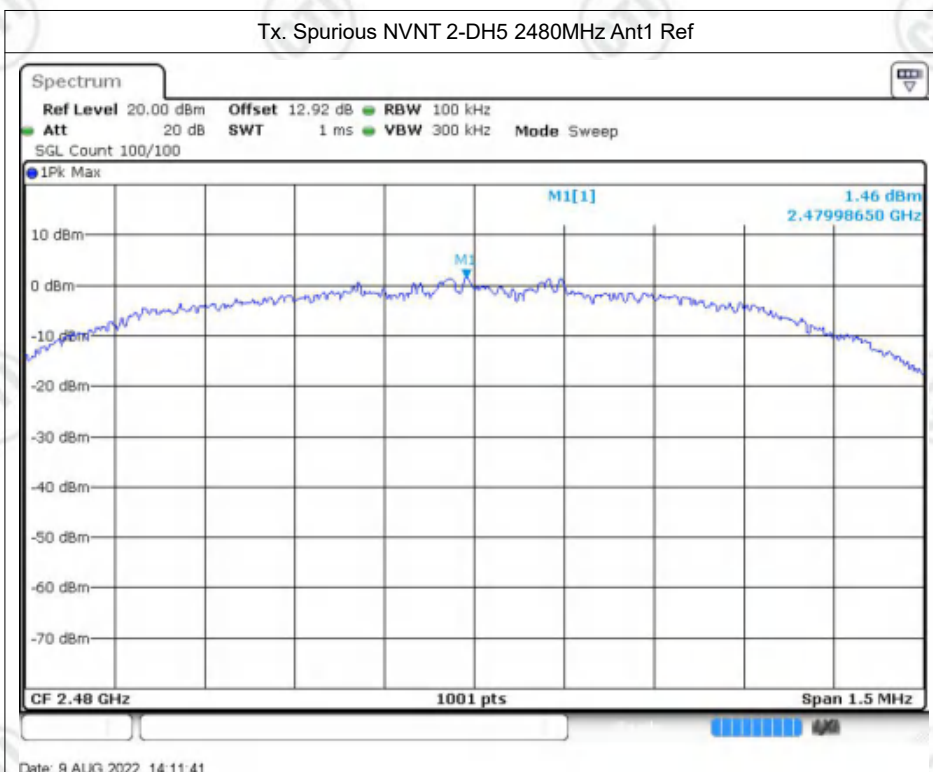
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



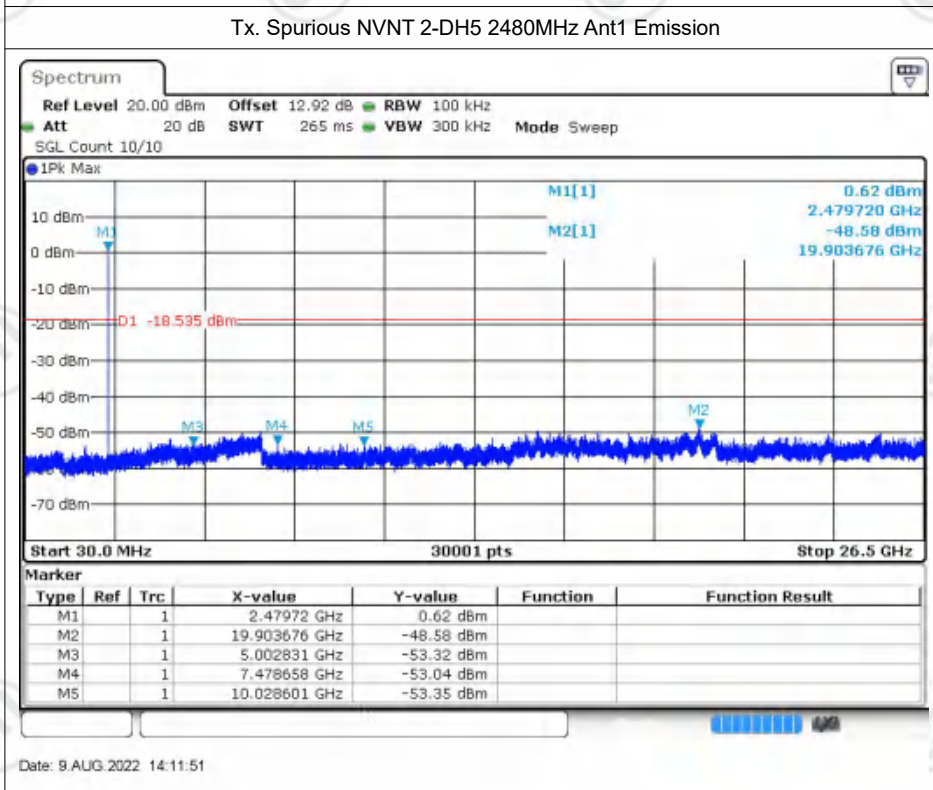
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



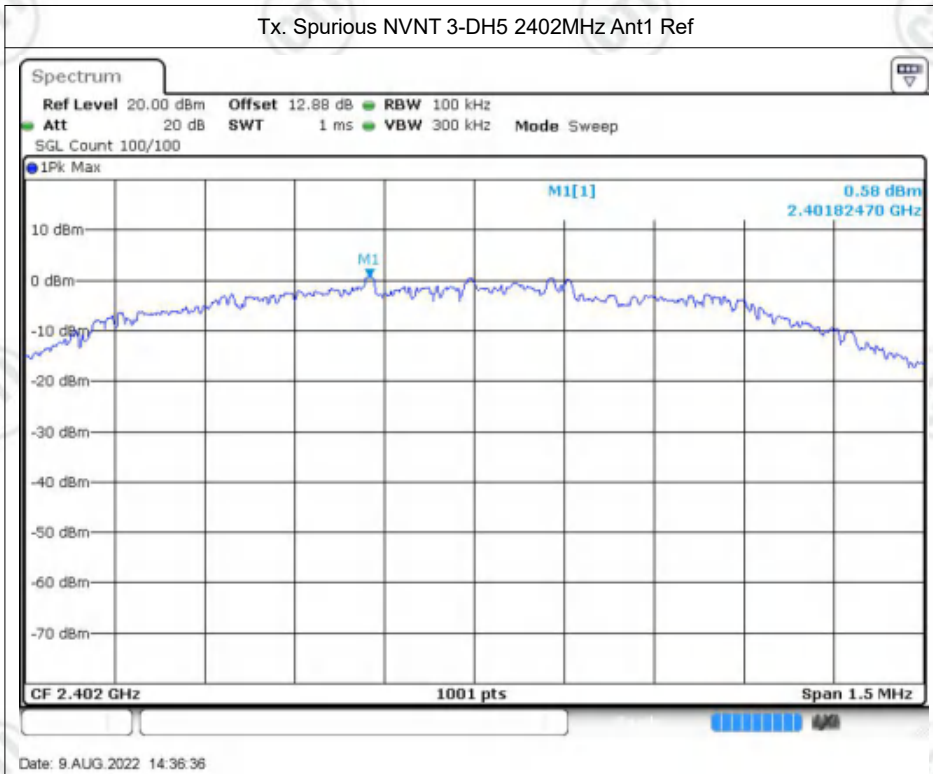
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



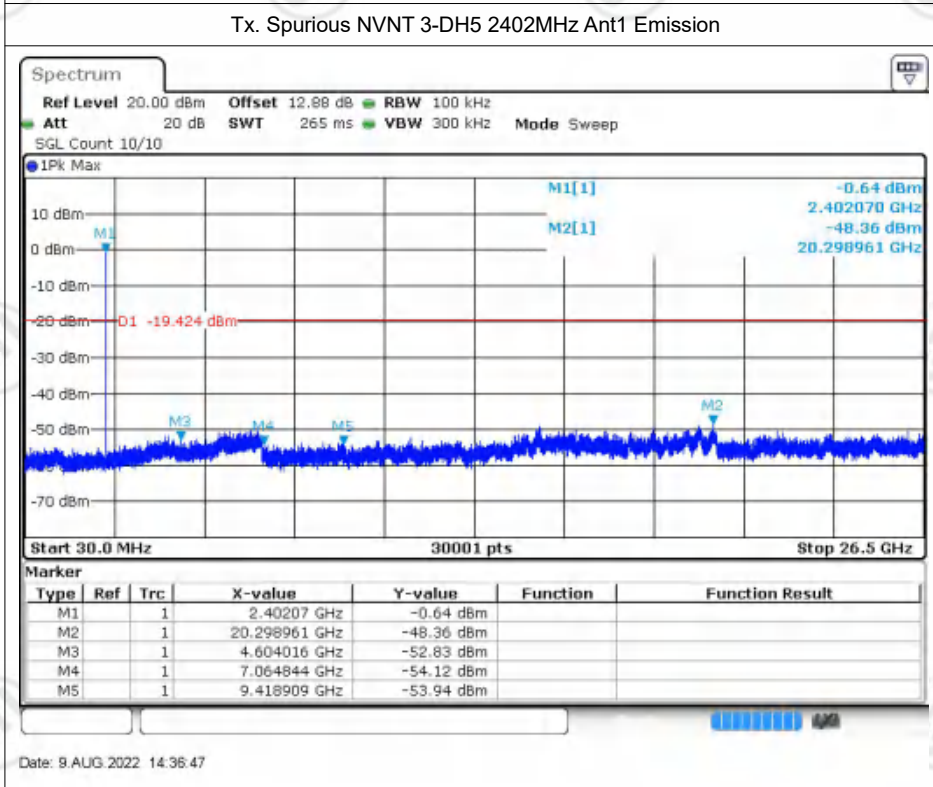
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



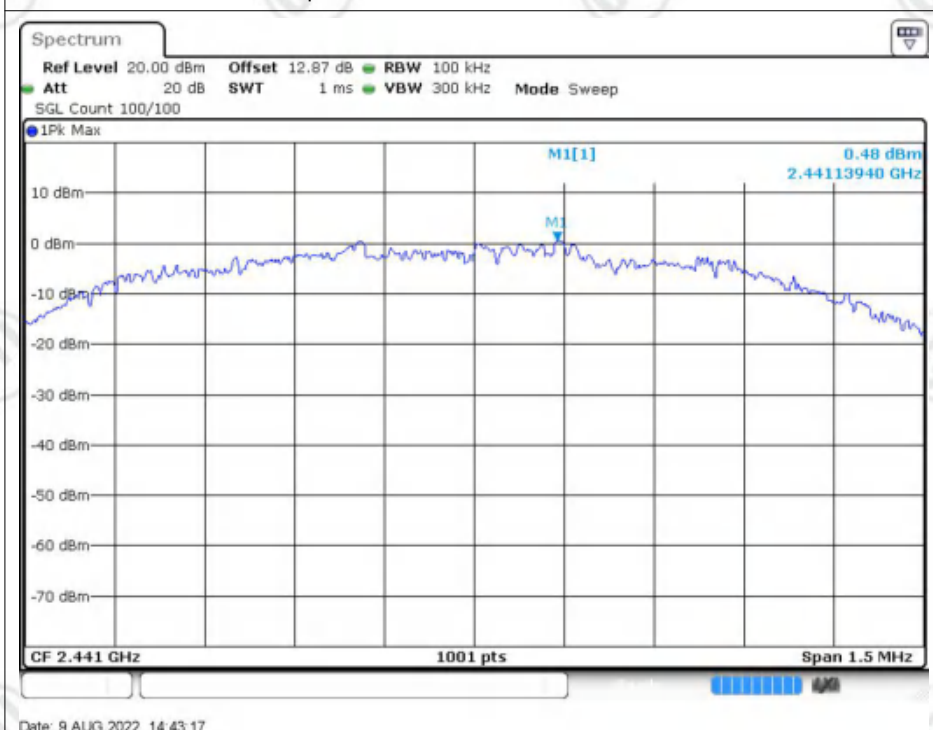
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



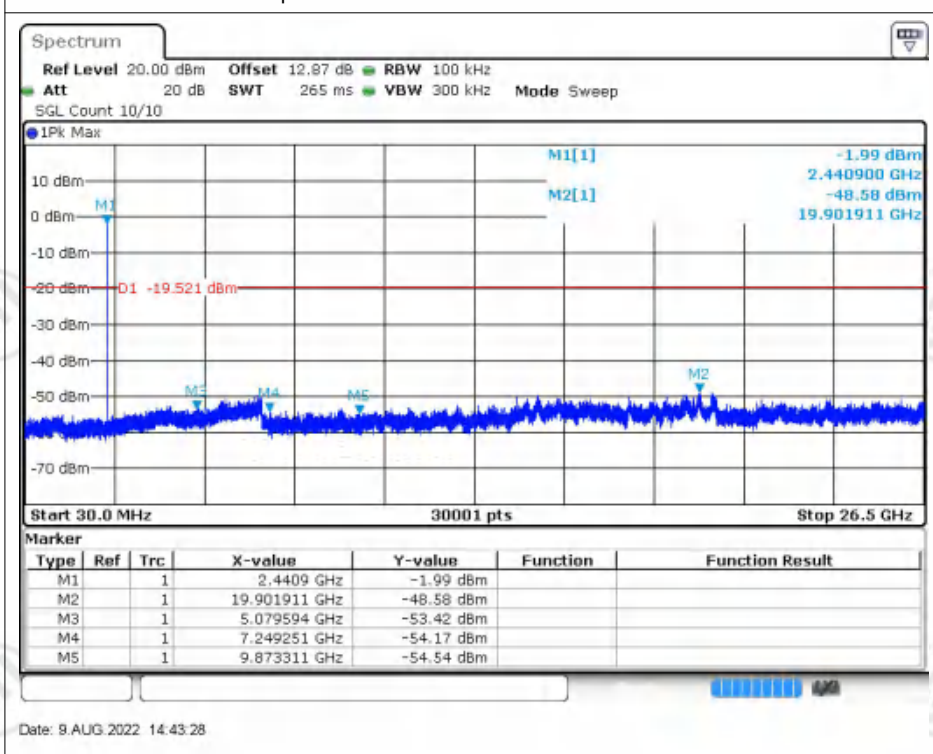
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



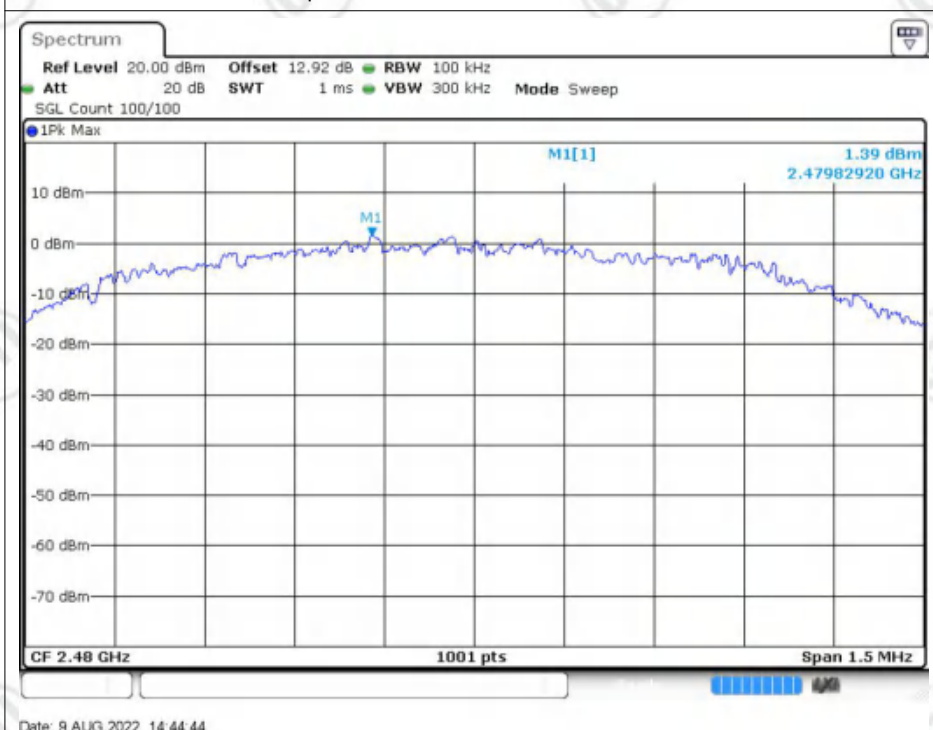
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



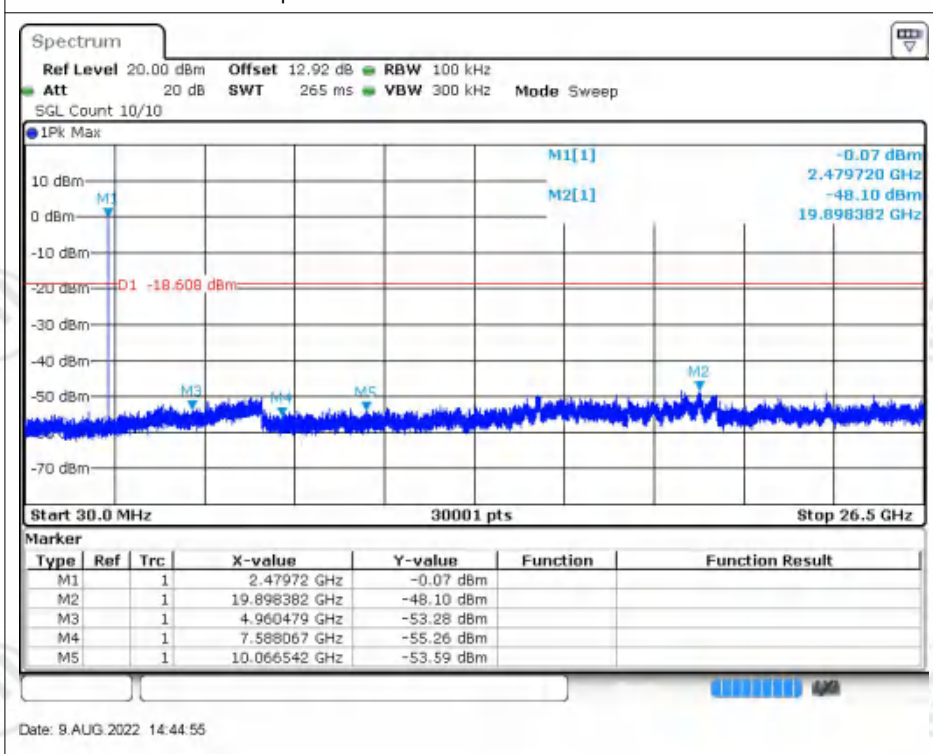
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref

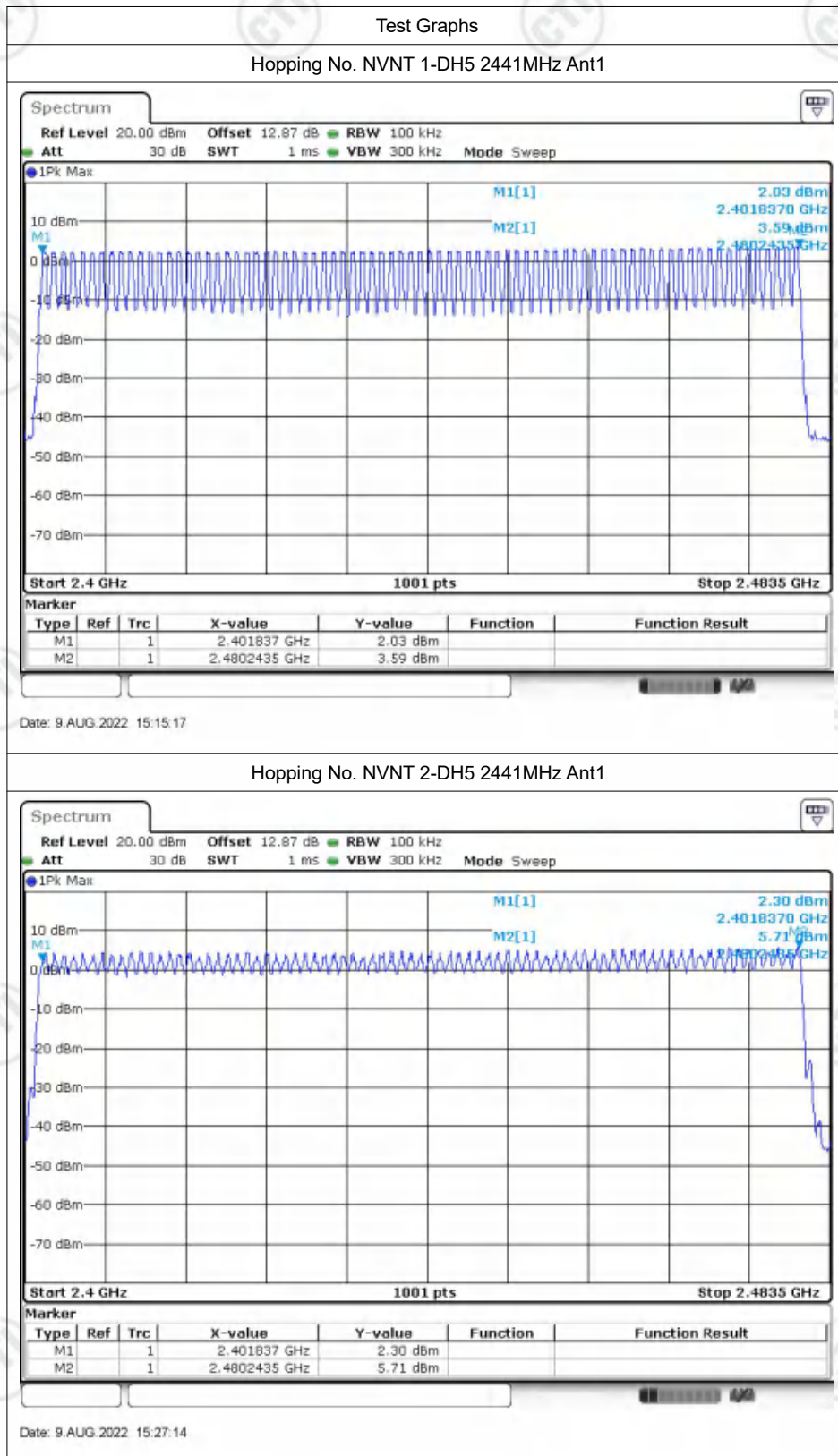


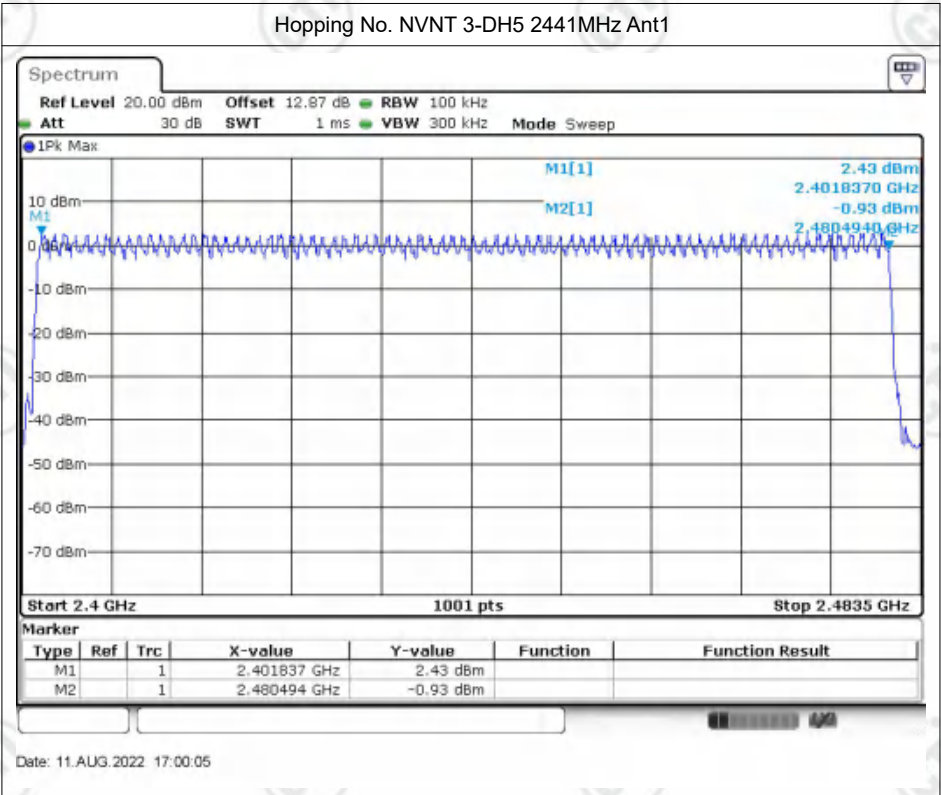
Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



Number of Hopping Channel

Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass





*** End of Report ***