

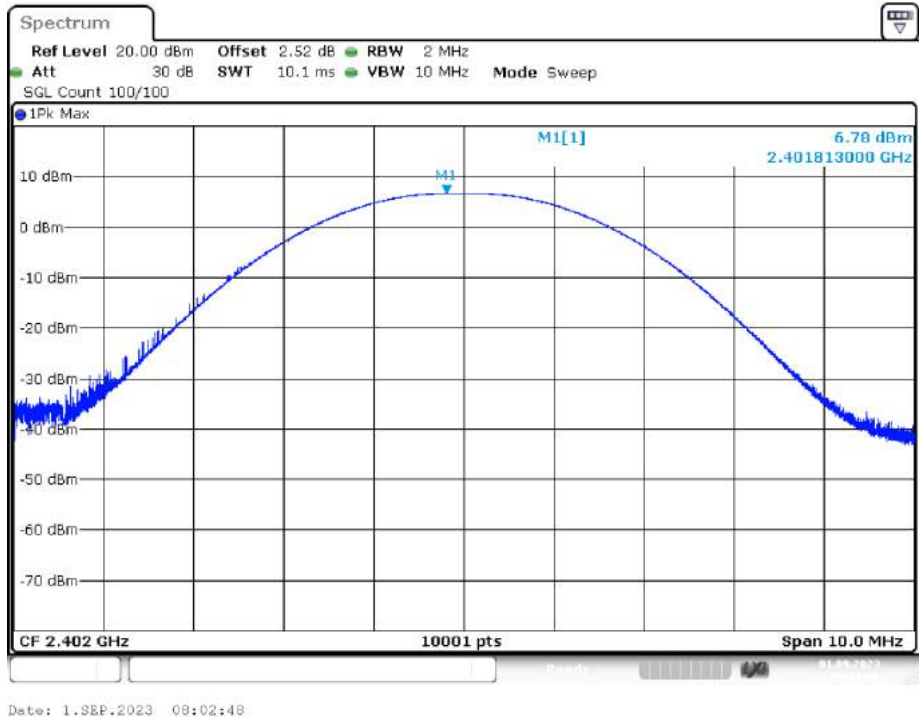
Appendix A

Maximum Conducted Output Power

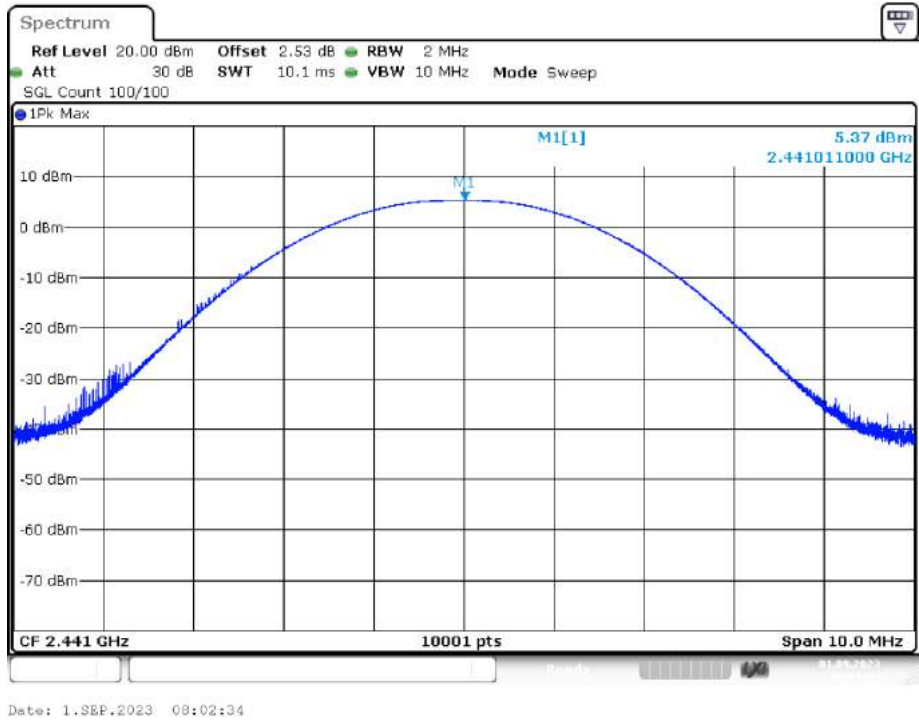
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	6.78	0	6.78	21	Pass
NVNT	1-DH5	2441	Ant1	5.37	0	5.37	21	Pass
NVNT	1-DH5	2480	Ant1	4.15	0	4.15	21	Pass
NVNT	2-DH5	2402	Ant1	7.4	0	7.4	21	Pass
NVNT	2-DH5	2441	Ant1	6	0	6	21	Pass
NVNT	2-DH5	2480	Ant1	4.81	0	4.81	21	Pass
NVNT	3-DH5	2402	Ant1	7.86	0	7.86	21	Pass
NVNT	3-DH5	2441	Ant1	6.62	0	6.62	21	Pass
NVNT	3-DH5	2480	Ant1	5.41	0	5.41	21	Pass

Test Graphs

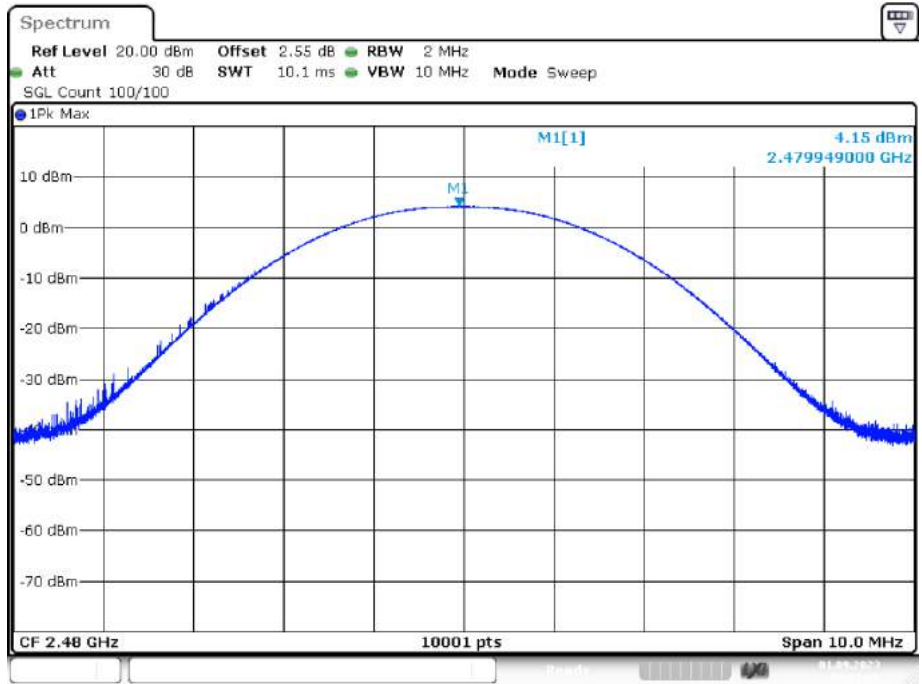
Power NVNT 1-DH5 2402MHz Ant1



Power NVNT 1-DH5 2441MHz Ant1

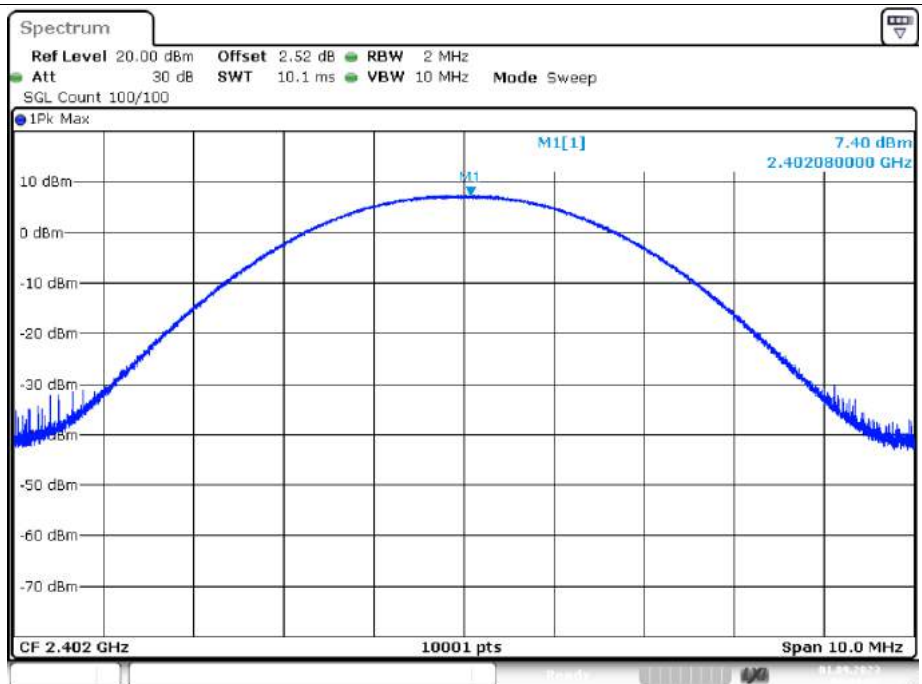


Power NVNT 1-DH5 2480MHz Ant1



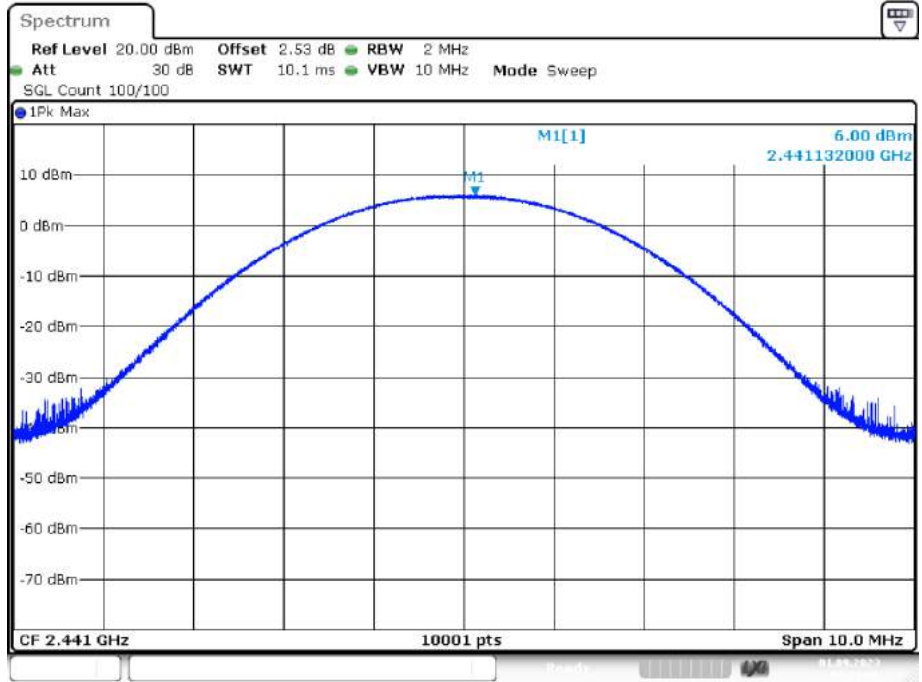
Date: 1.SEP.2023 08:02:19

Power NVNT 2-DH5 2402MHz Ant1



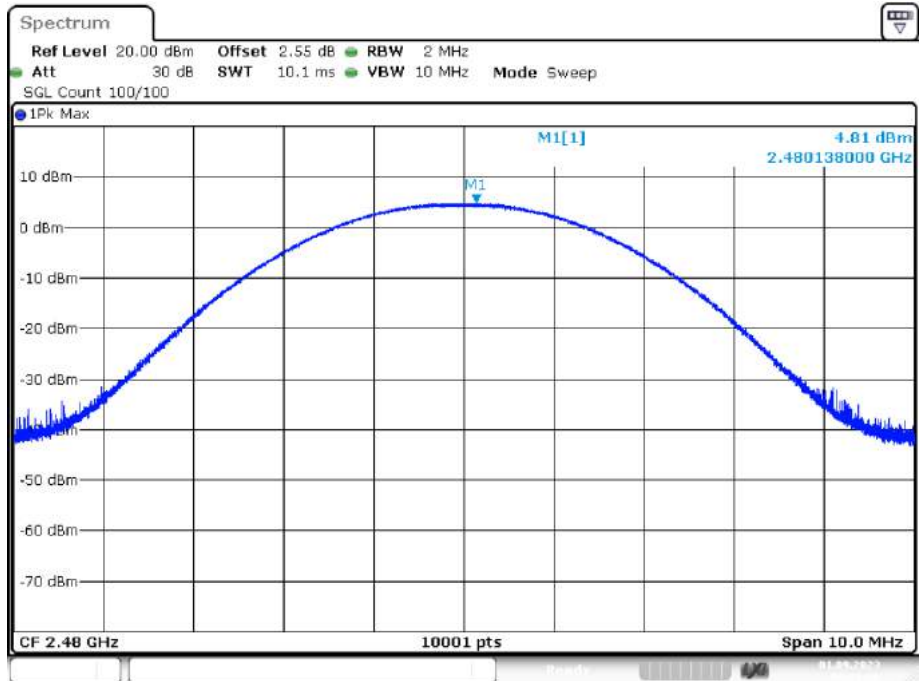
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Power NVNT 2-DH5 2441MHz Ant1



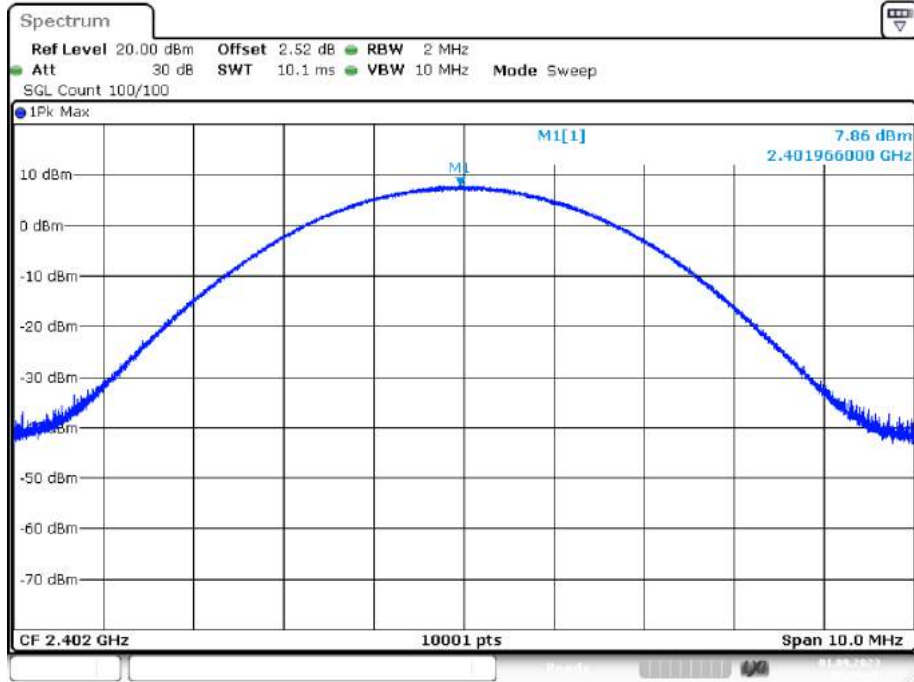
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Power NVNT 2-DH5 2480MHz Ant1



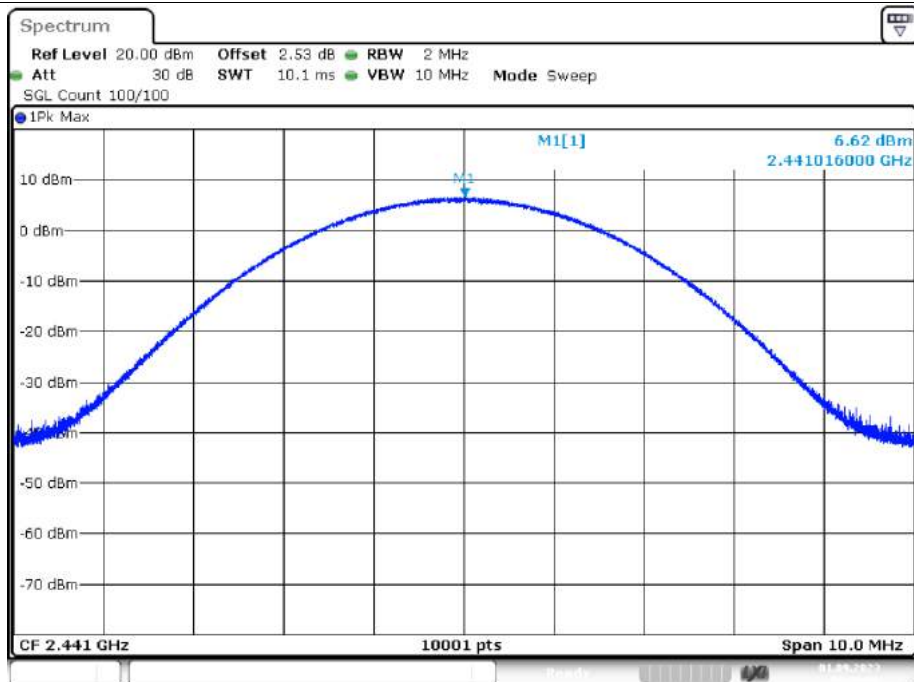
Date: 1.SEP.2023 08:05:29

Power NVNT 3-DH5 2402MHz Ant1



Date: 1.SEP.2023 08:06:19

Power NVNT 3-DH5 2441MHz Ant1



Date: 1.SEP.2023 08:06:02

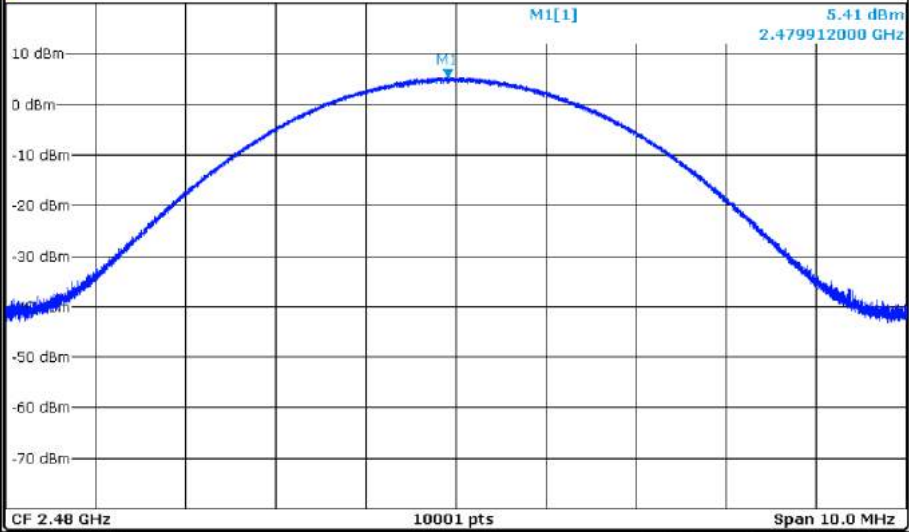
Power NVNT 3-DH5 2480MHz Ant1

Spectrum



Ref Level 20.00 dBm Offset 2.55 dB RBW 2 MHz
Att 30 dB SWT 10.1 ms VBW 10 MHz Mode Sweep
SGL Count 100/100

IPk Max



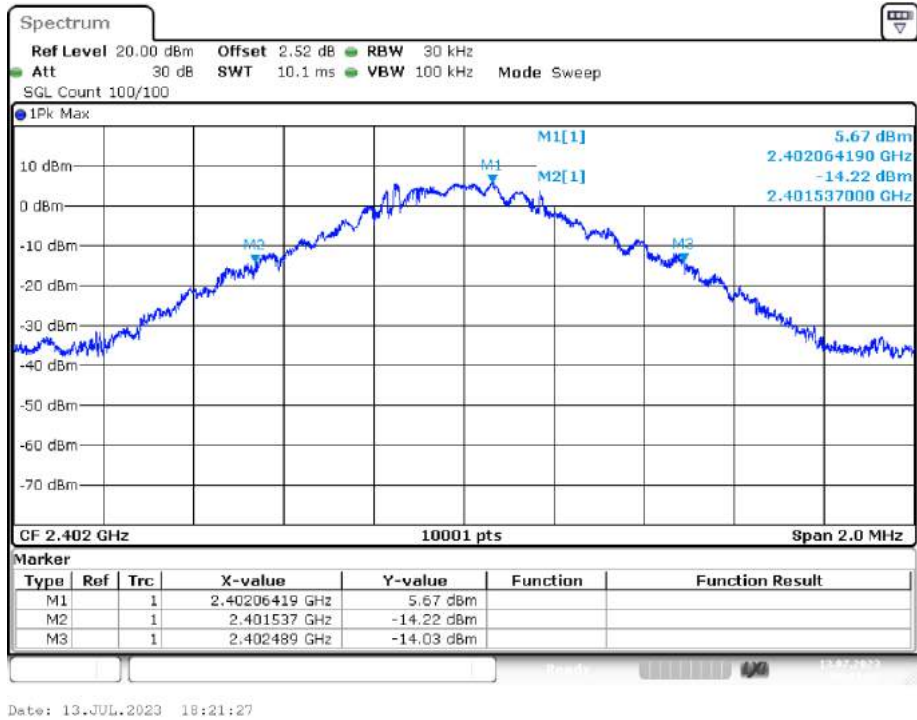
Date: 1.SEP.2023 08:06:36

-20dB Bandwidth

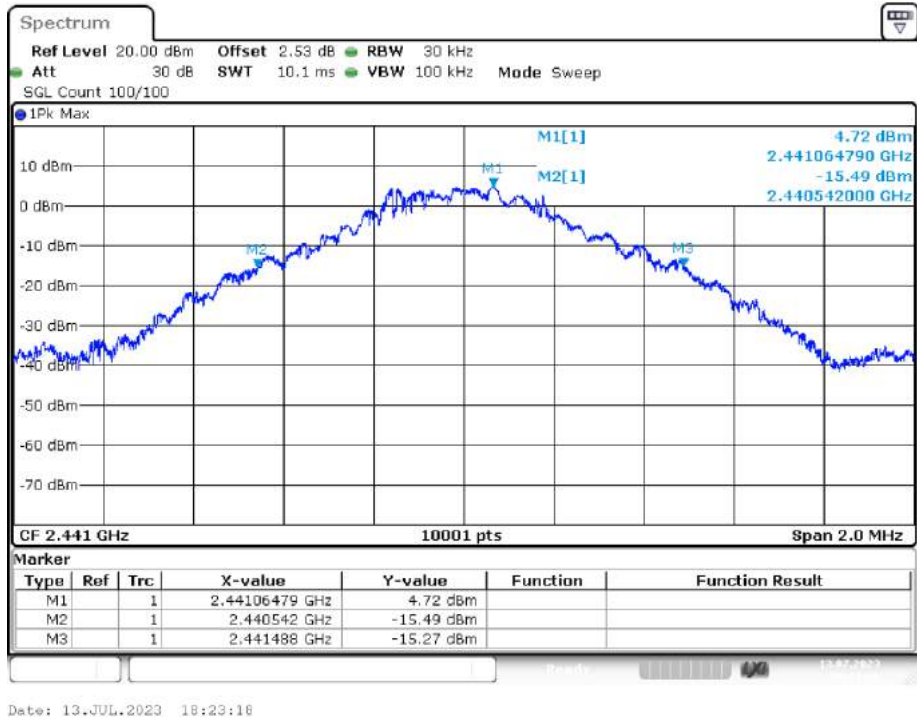
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.952	0	Pass
NVNT	1-DH5	2441	Ant1	0.946	0	Pass
NVNT	1-DH5	2480	Ant1	0.962	0	Pass
NVNT	2-DH5	2402	Ant1	1.308	0	Pass
NVNT	2-DH5	2441	Ant1	1.313	0	Pass
NVNT	2-DH5	2480	Ant1	1.312	0	Pass
NVNT	3-DH5	2402	Ant1	1.299	0	Pass
NVNT	3-DH5	2441	Ant1	1.299	0	Pass
NVNT	3-DH5	2480	Ant1	1.292	0	Pass

Test Graphs

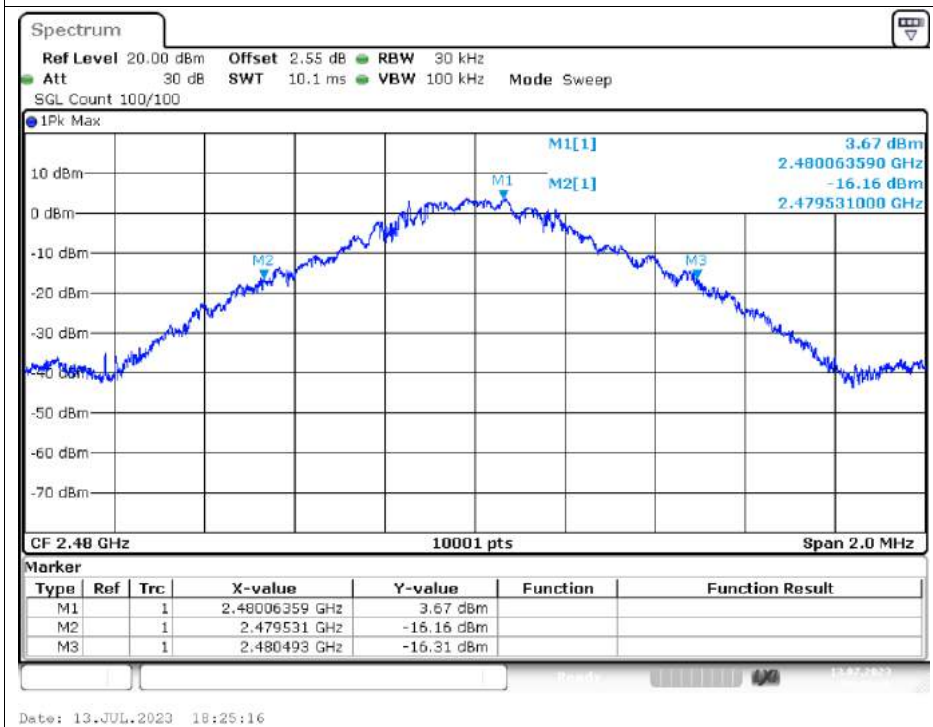
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



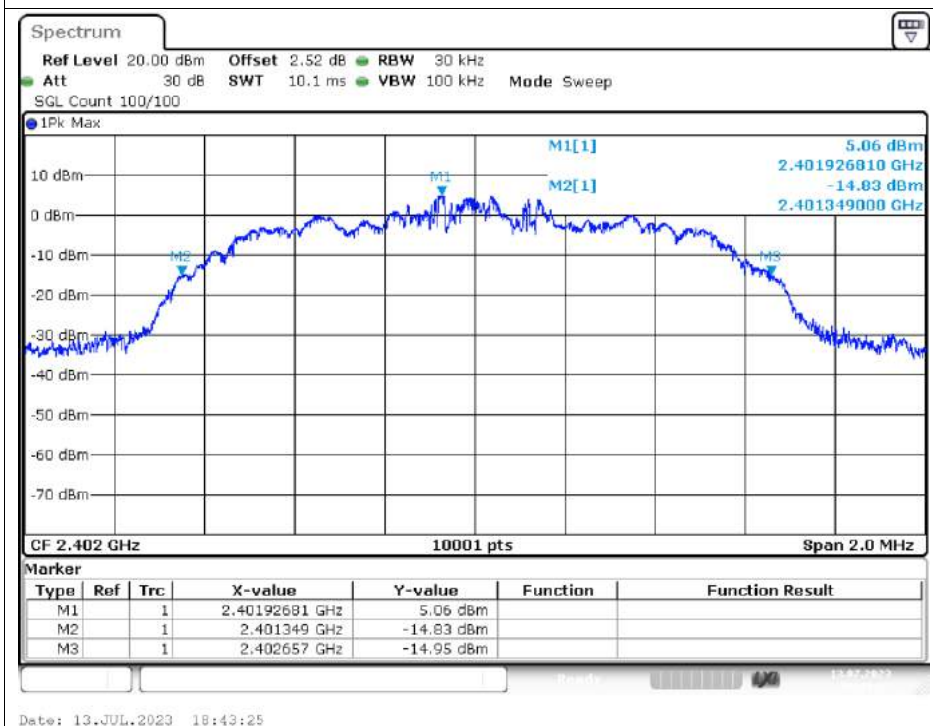
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



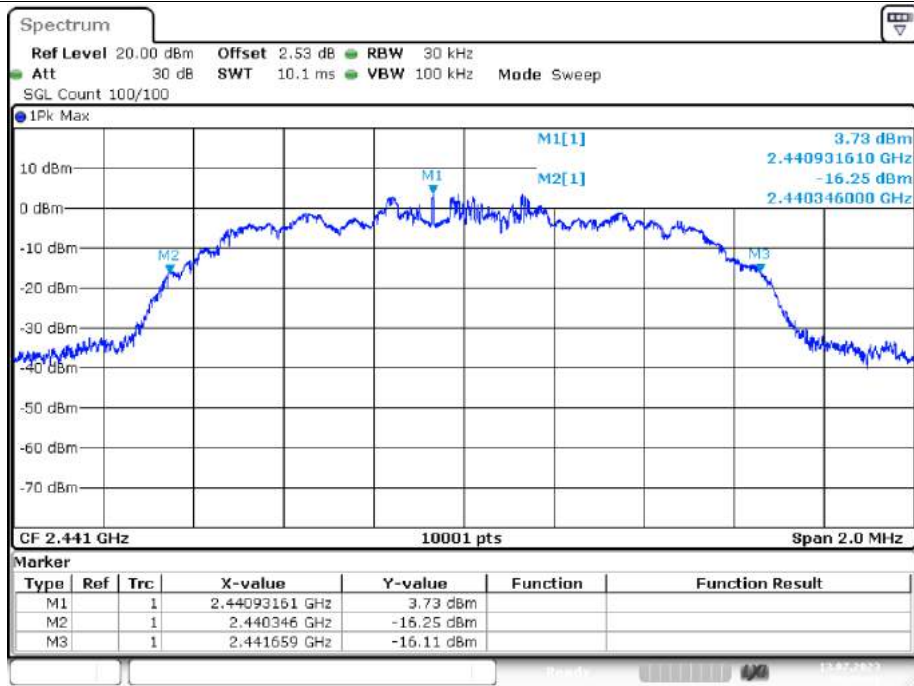
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

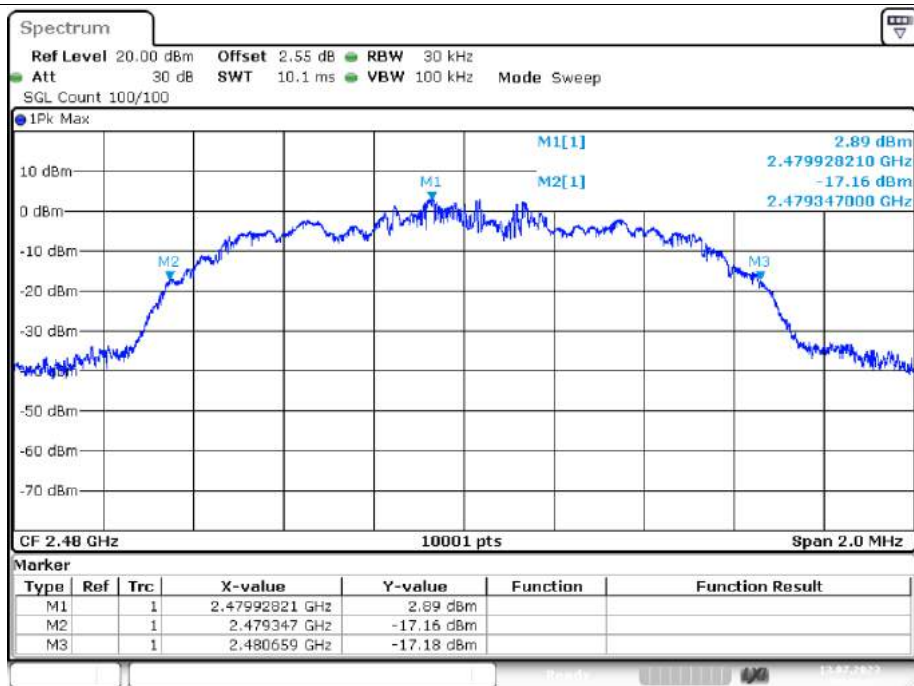


-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



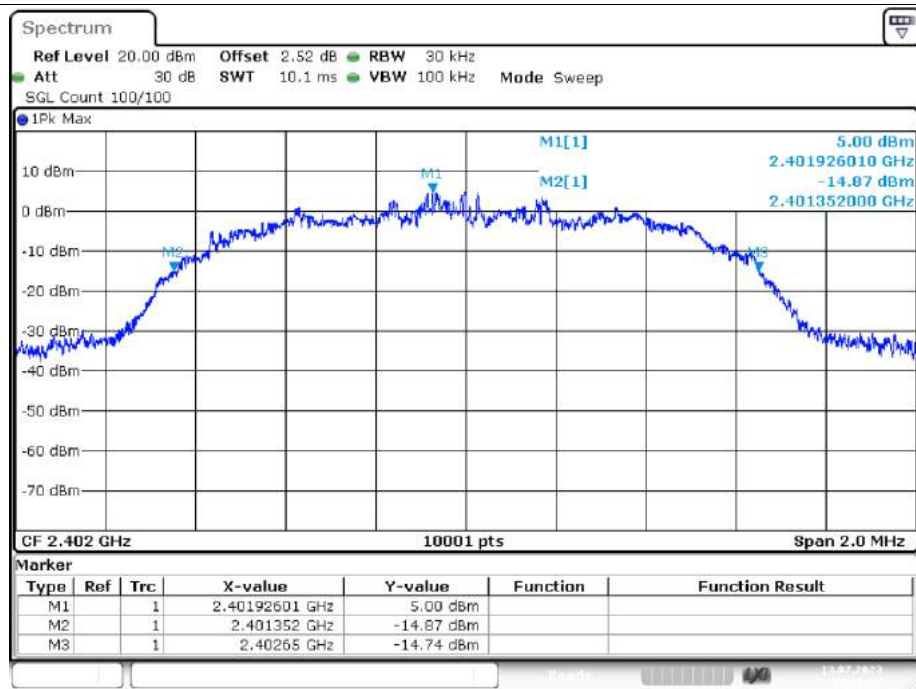
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-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



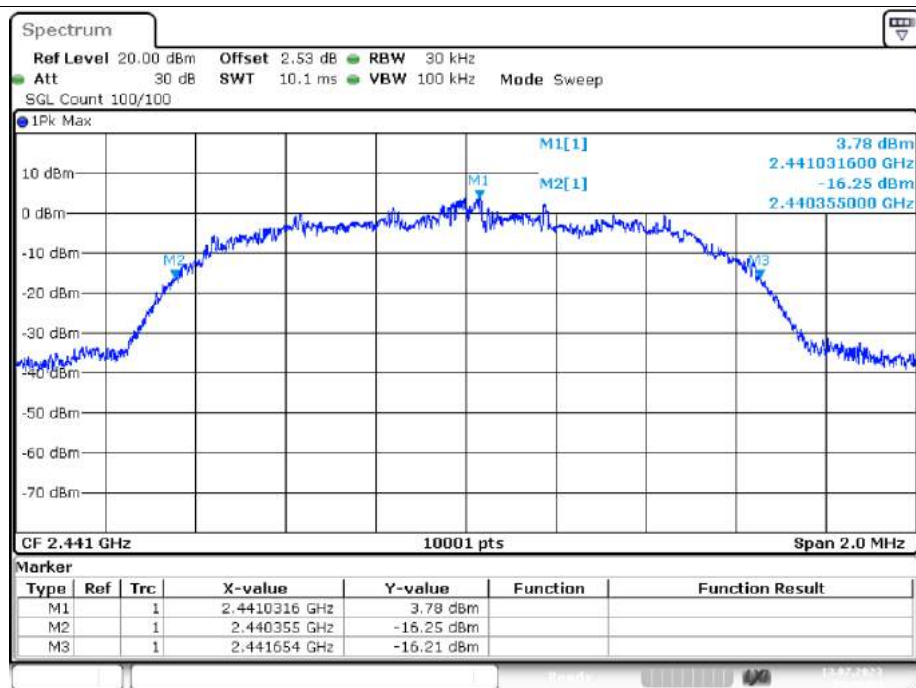
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-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



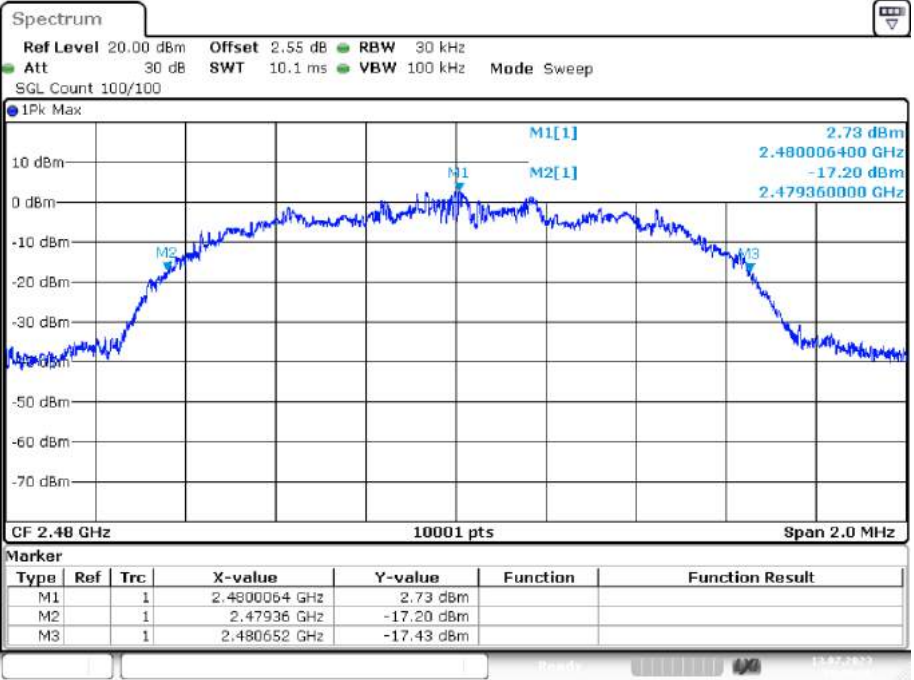
Date: 13.JUL.2023 19:05:38

-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



Date: 13.JUL.2023 19:06:54

-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1



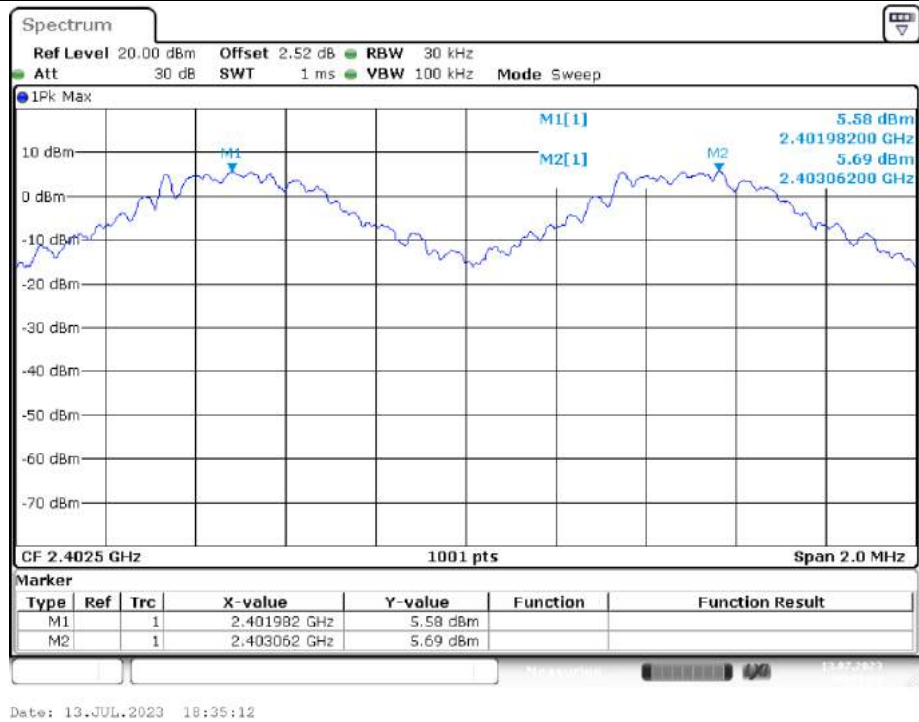
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Carrier Frequencies Separation

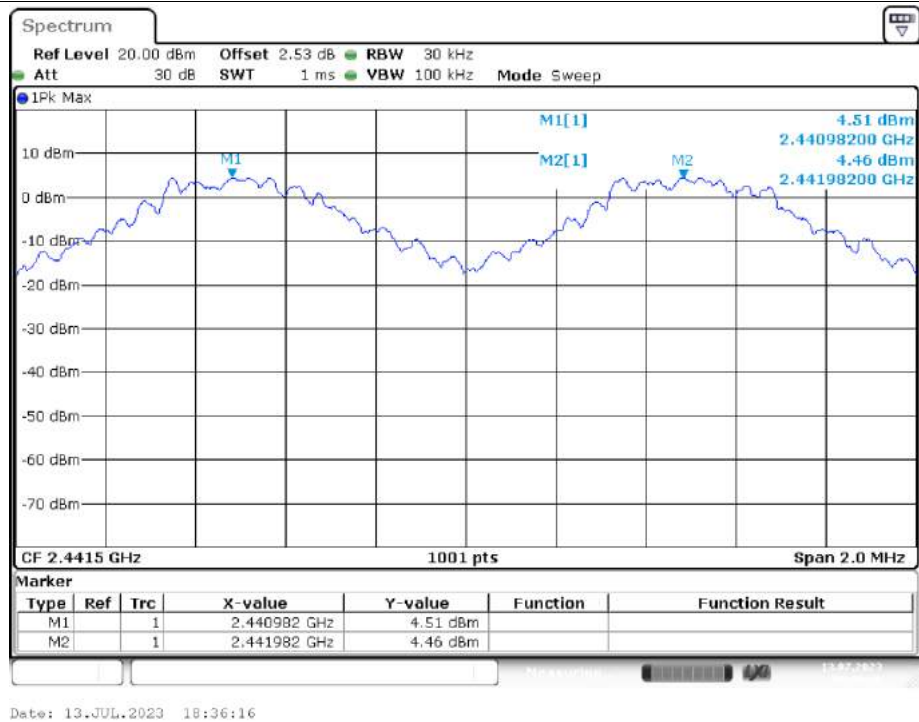
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.982	2403.062	1.08	0.635	Pass
NVNT	1-DH5	Ant1	2440.982	2441.982	1	0.631	Pass
NVNT	1-DH5	Ant1	2479.062	2480.064	1.002	0.641	Pass
NVNT	2-DH5	Ant1	2401.922	2403.034	1.112	0.872	Pass
NVNT	2-DH5	Ant1	2441.036	2441.926	0.89	0.875	Pass
NVNT	2-DH5	Ant1	2479.132	2480.03	0.898	0.875	Pass
NVNT	3-DH5	Ant1	2401.926	2402.924	0.998	0.866	Pass
NVNT	3-DH5	Ant1	2440.928	2441.992	1.064	0.866	Pass
NVNT	3-DH5	Ant1	2478.926	2480.01	1.084	0.861	Pass

Test Graphs

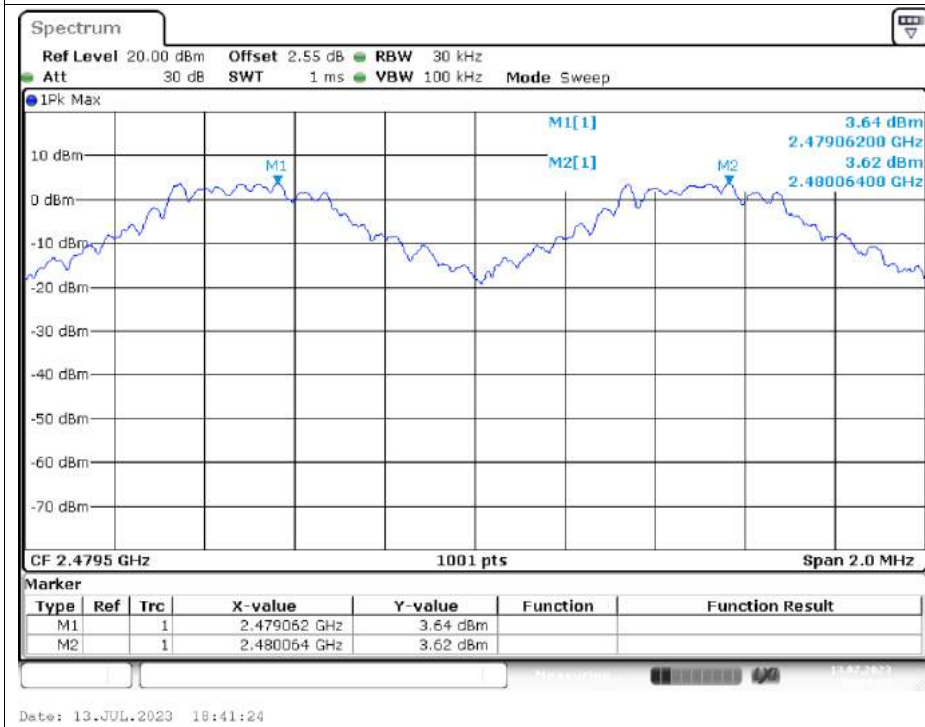
CFS NVNT 1-DH5 2402MHz Ant1



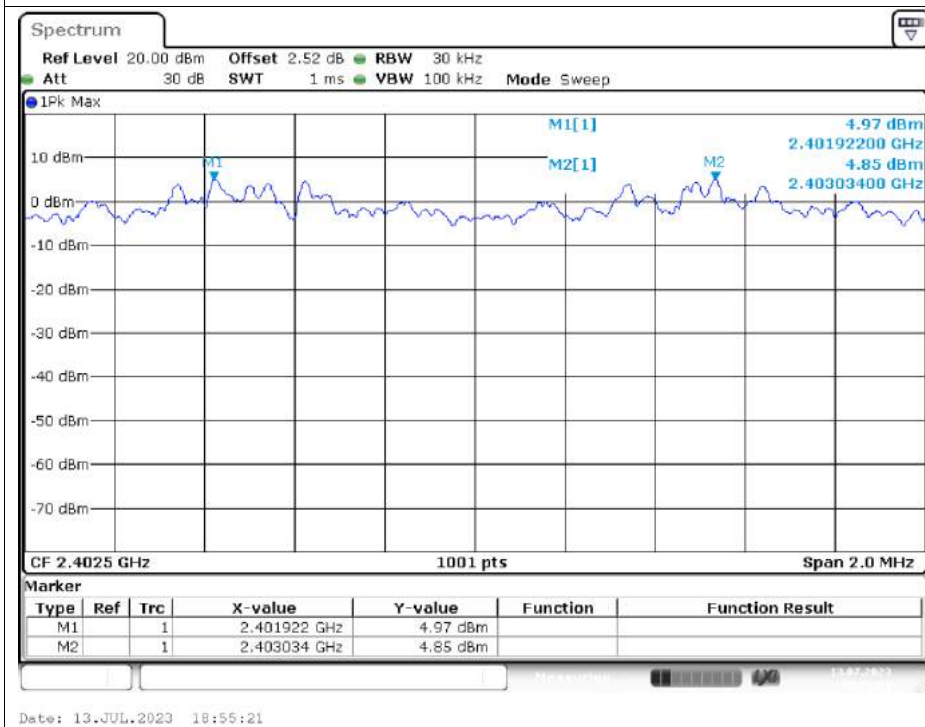
CFS NVNT 1-DH5 2441MHz Ant1



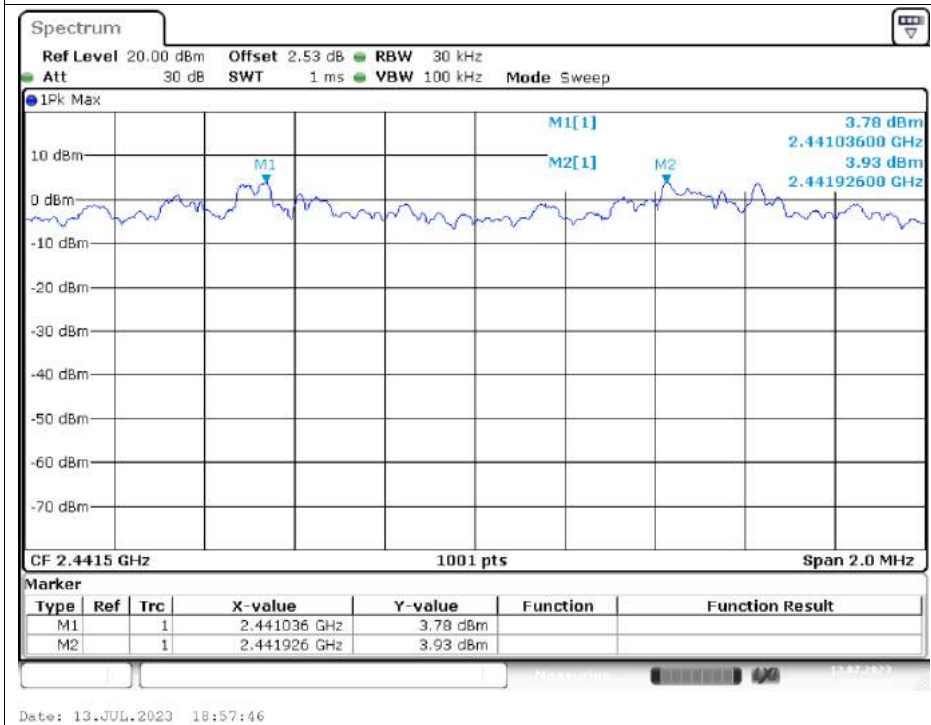
CFS NVNT 1-DH5 2480MHz Ant1



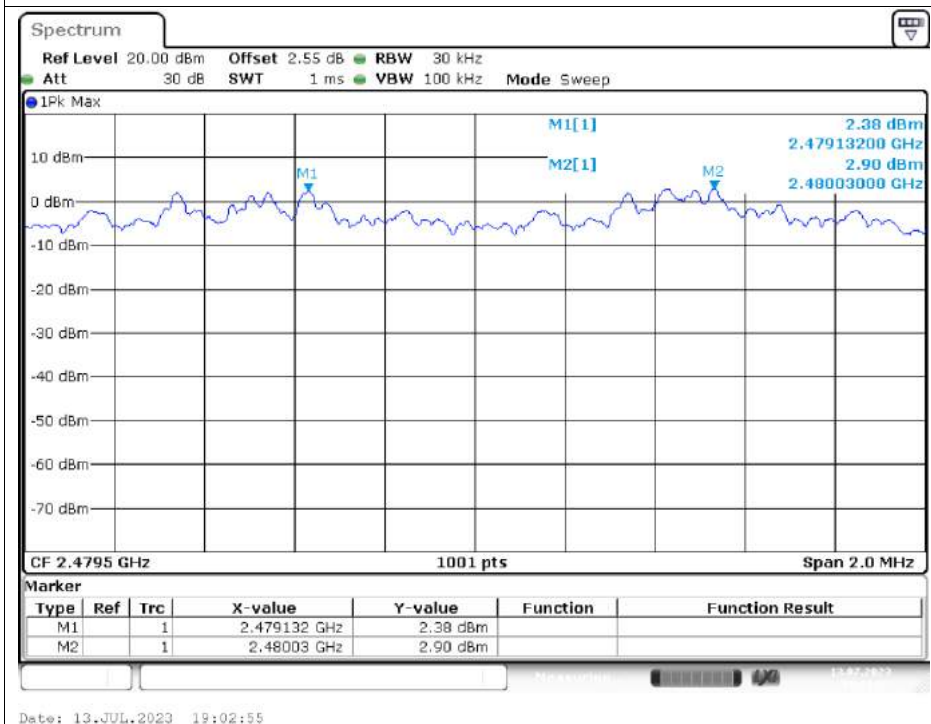
CFS NVNT 2-DH5 2402MHz Ant1



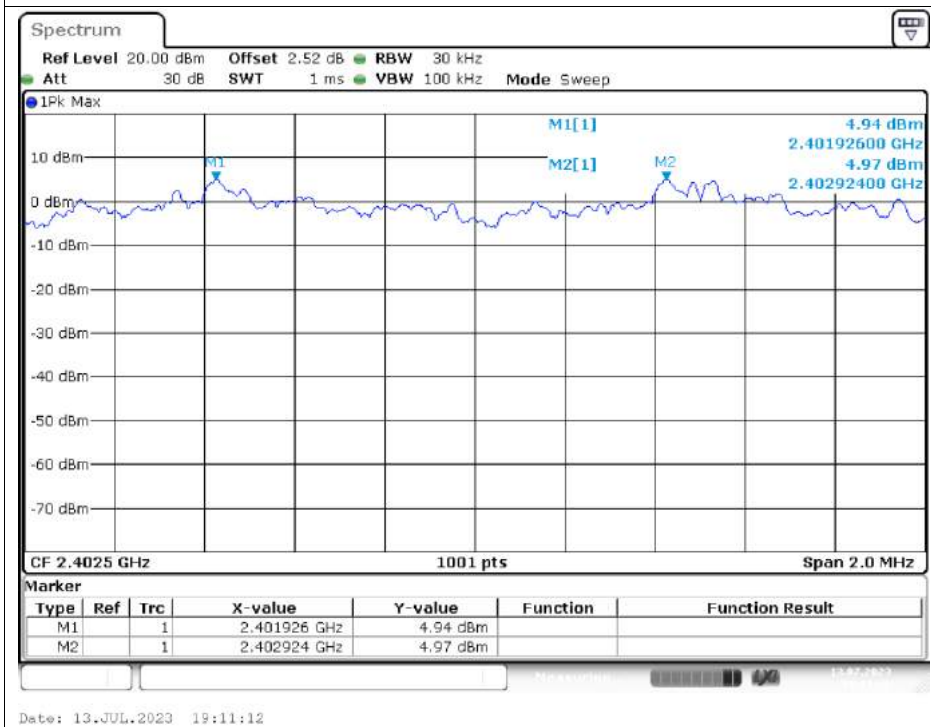
CFS NVNT 2-DH5 2441MHz Ant1



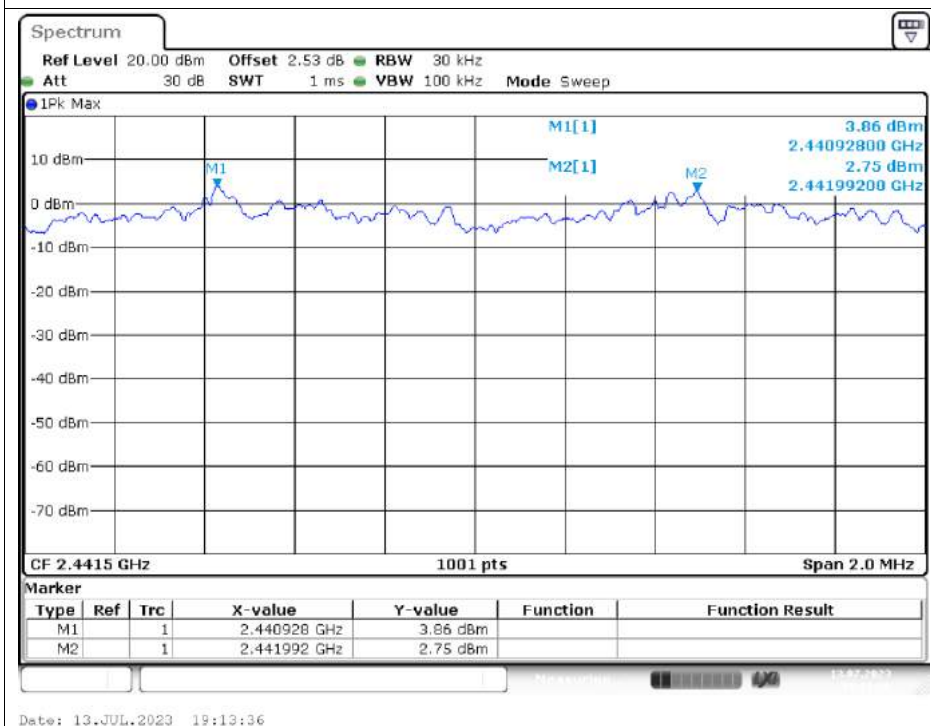
CFS NVNT 2-DH5 2480MHz Ant1



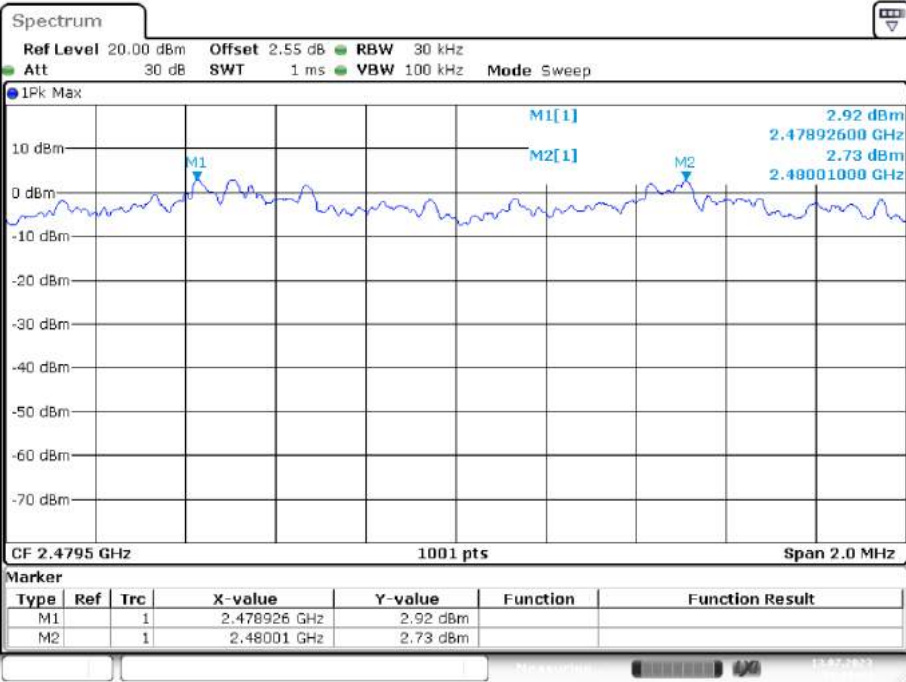
CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1



CFS NVNT 3-DH5 2480MHz Ant1



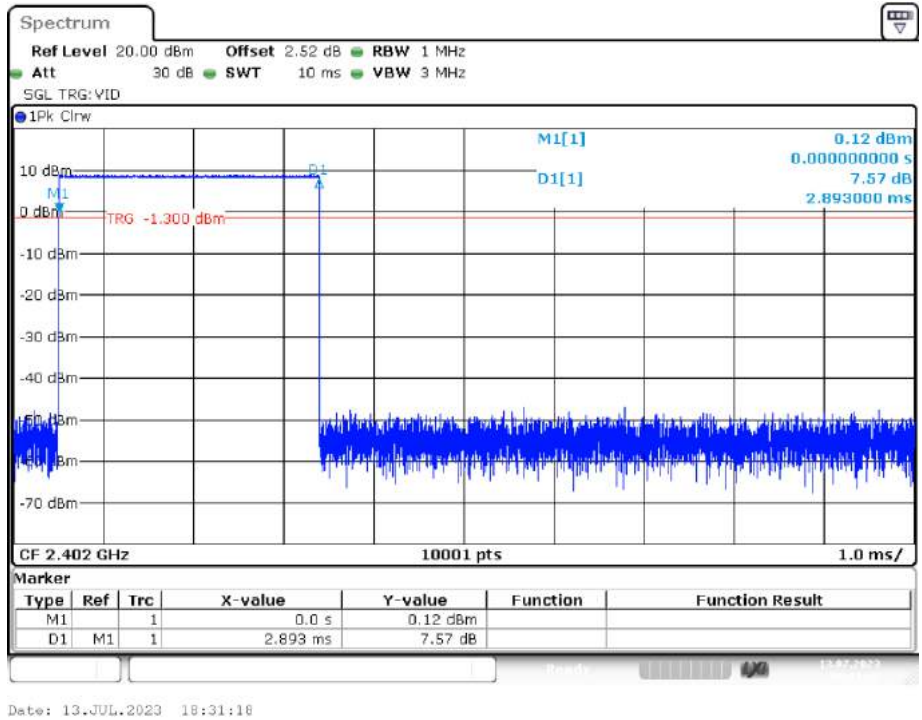
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Dwell Time

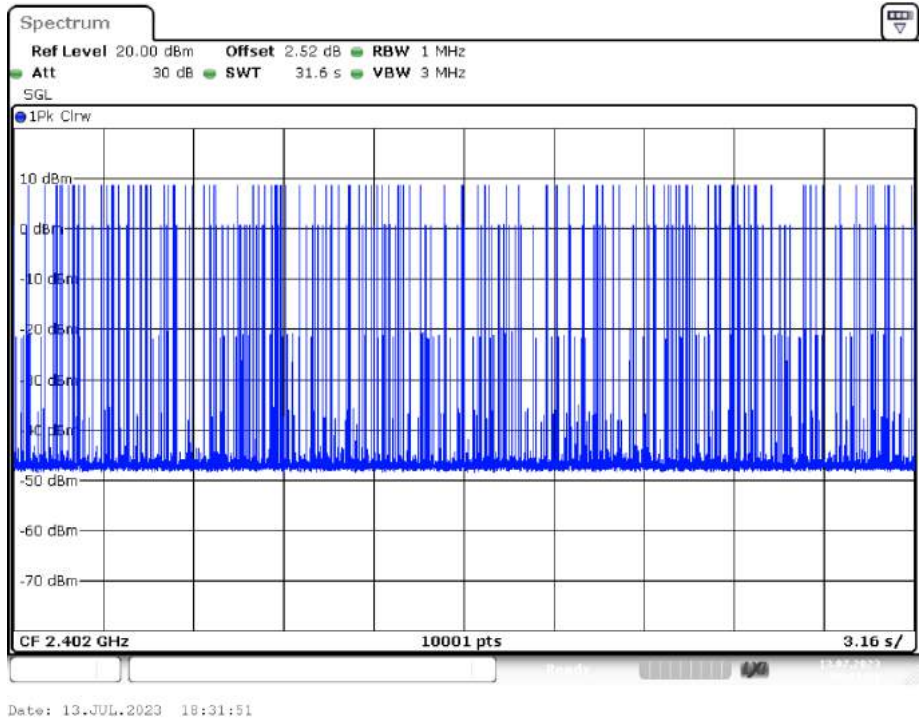
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.893	347.16	120	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.89	294.78	102	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.891	306.446	106	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.9	287.1	99	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.899	287.001	99	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.899	284.102	98	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.898	298.494	103	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.898	333.27	115	31600	400	Pass
NVNT	3-DH5	2480	Ant1	2.898	307.188	106	31600	400	Pass

Test Graphs

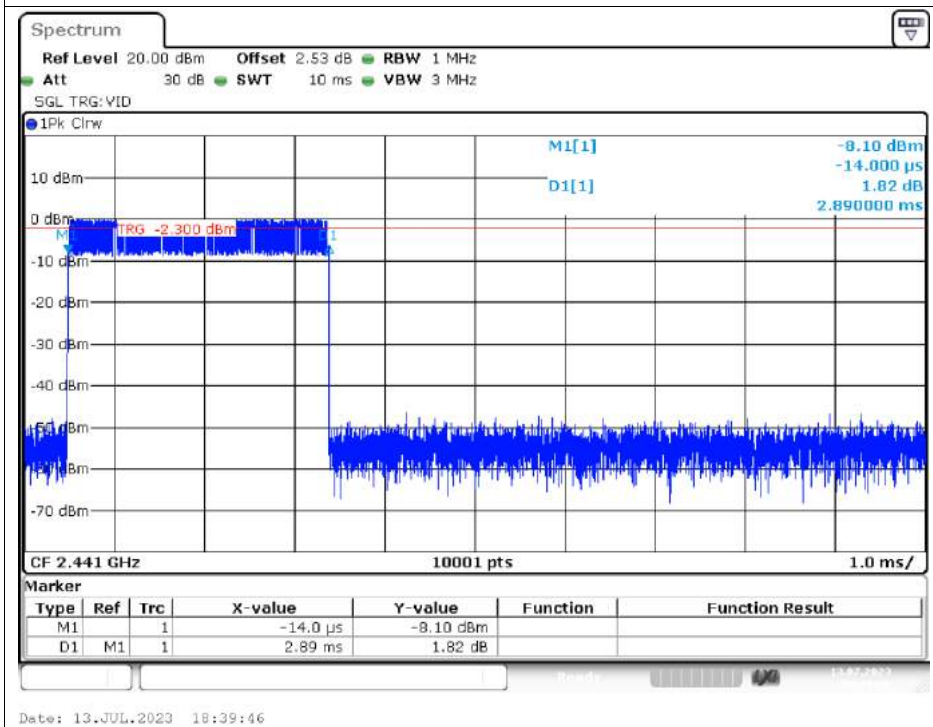
Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



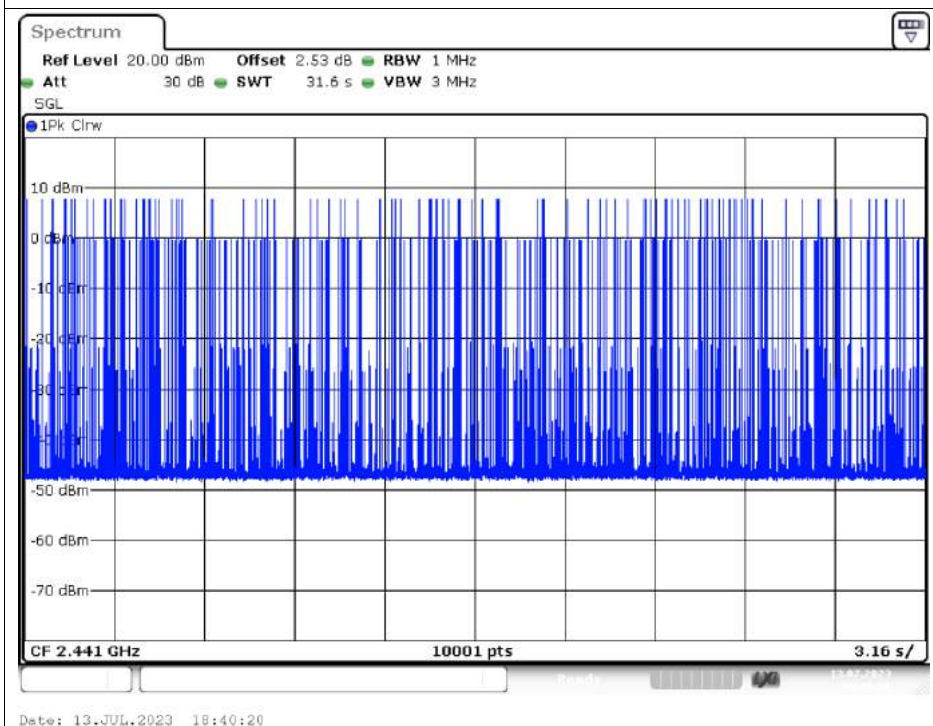
Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



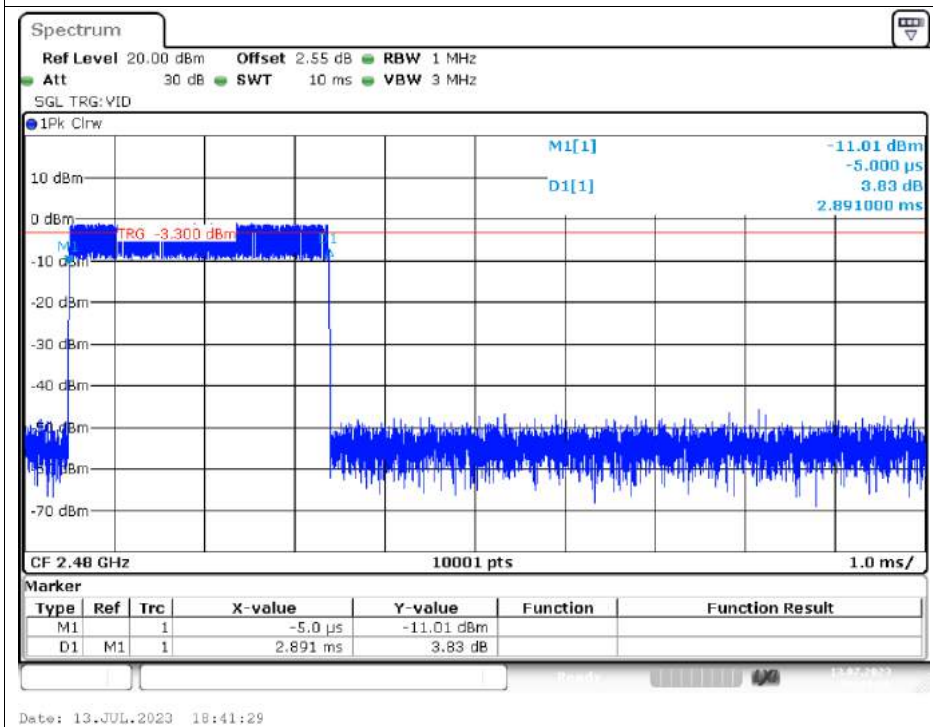
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



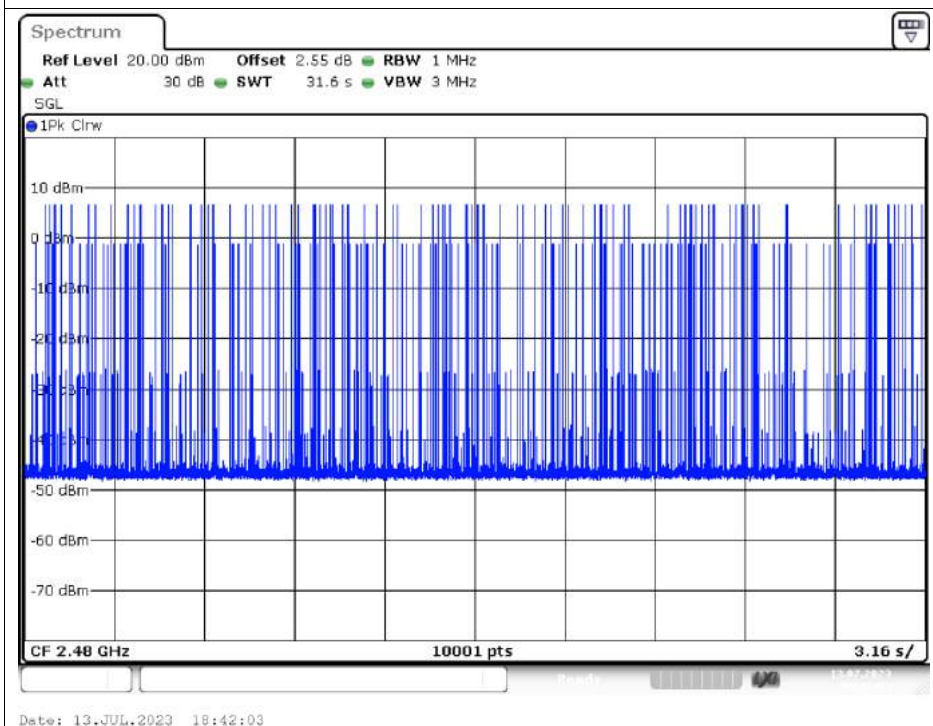
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



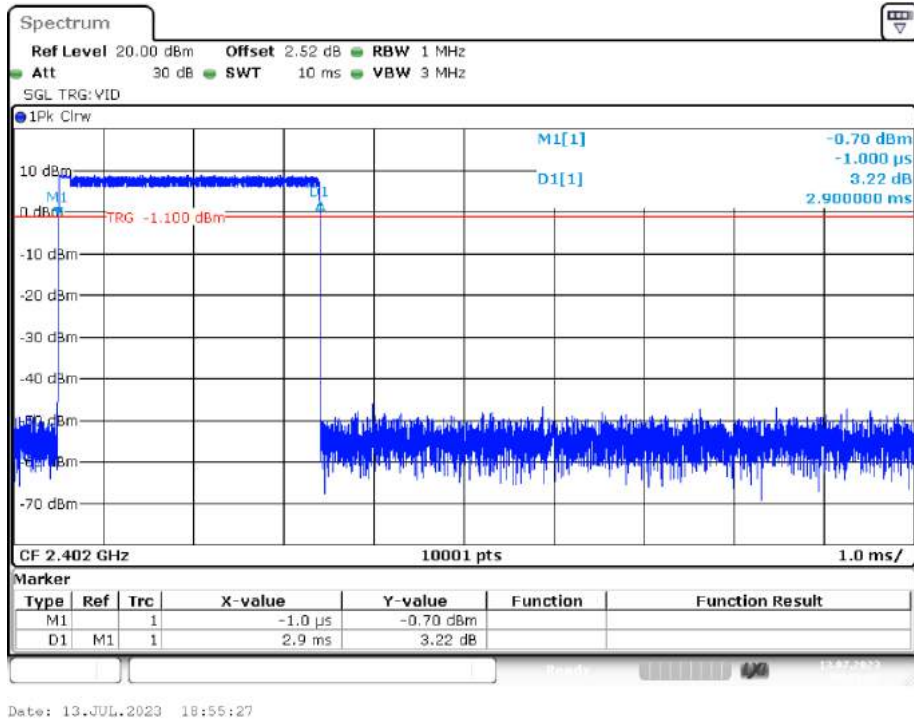
Dwell NVNT 1-DH5 2480MHz Ant1 One Burst



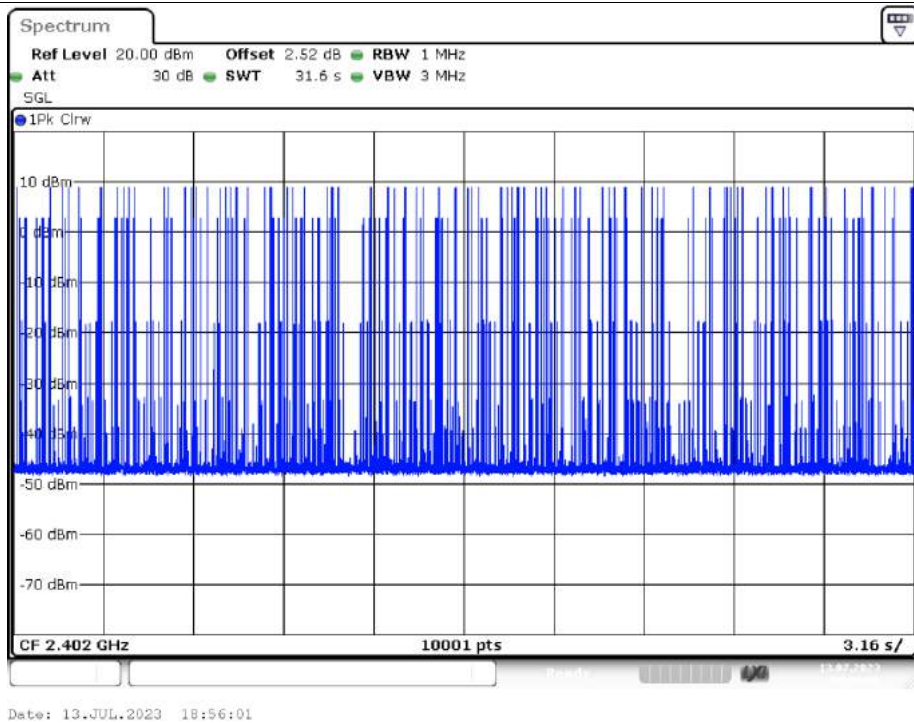
Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated



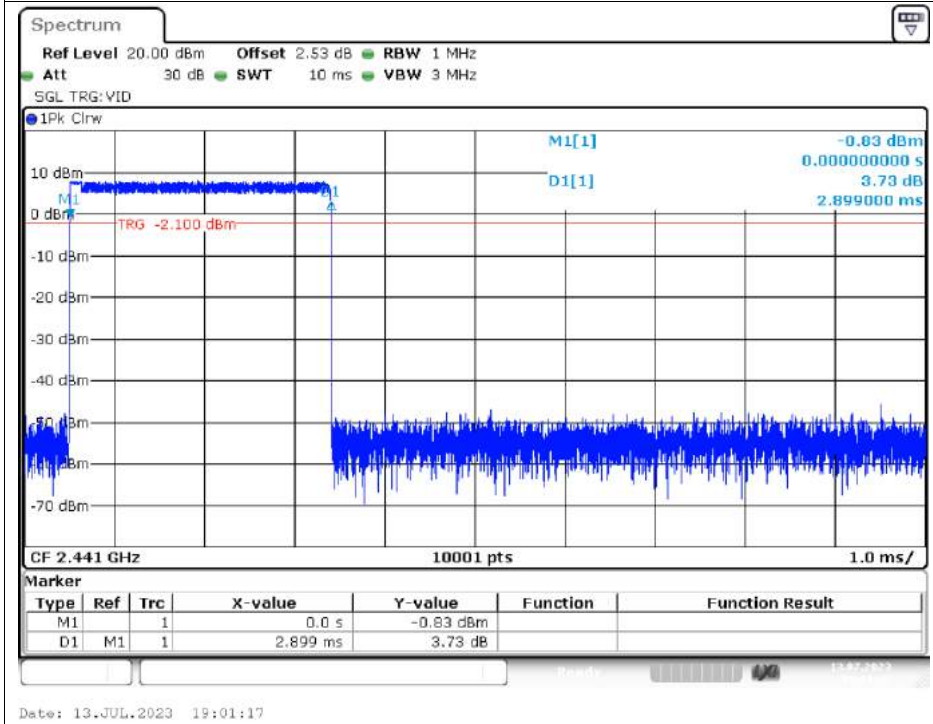
Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



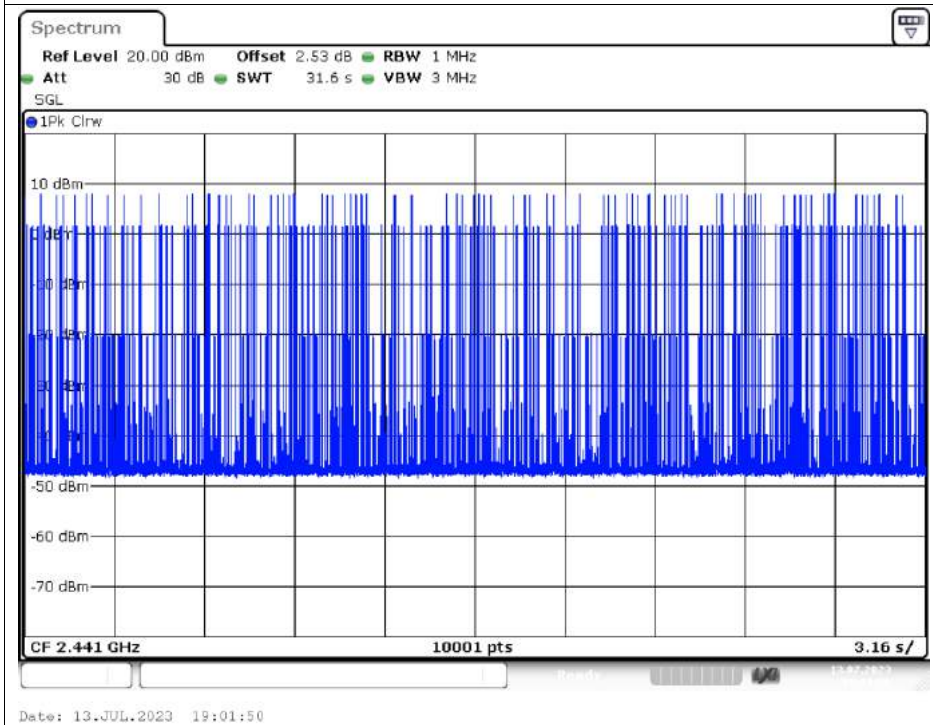
Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated



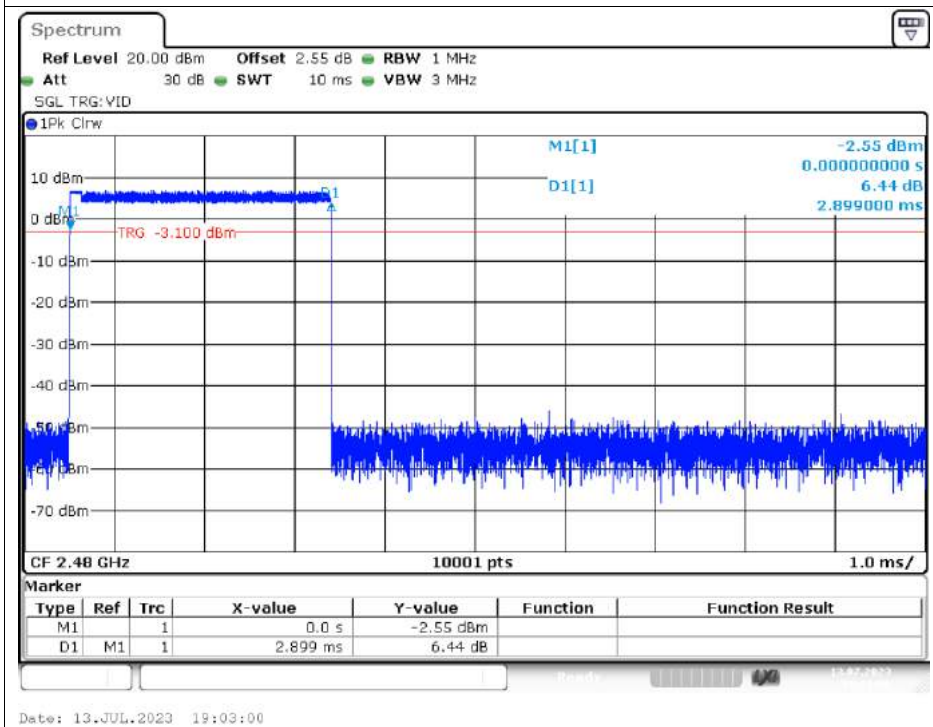
Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



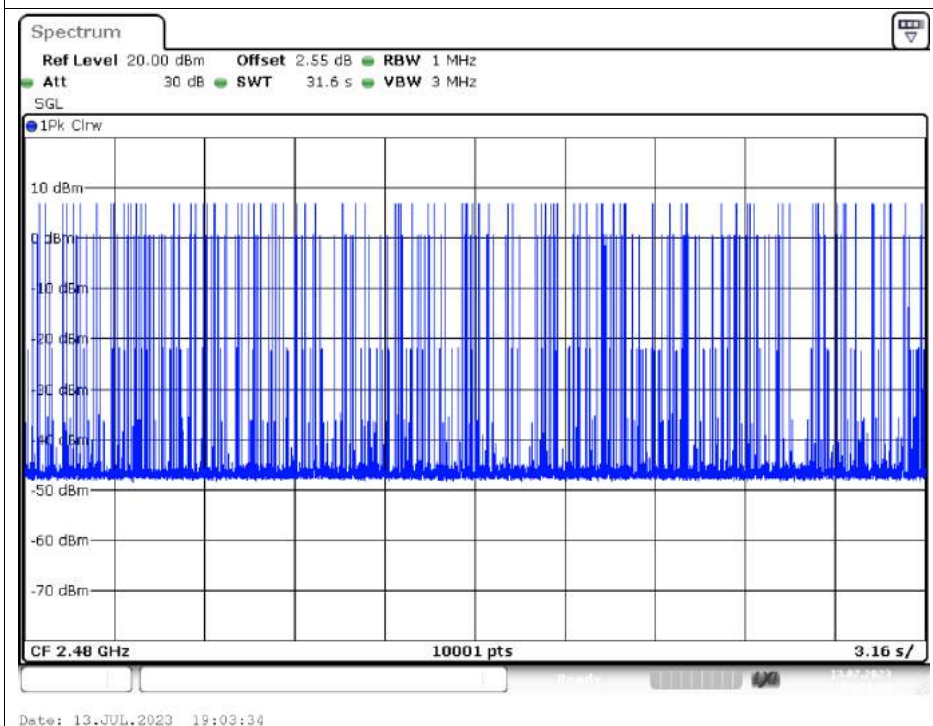
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



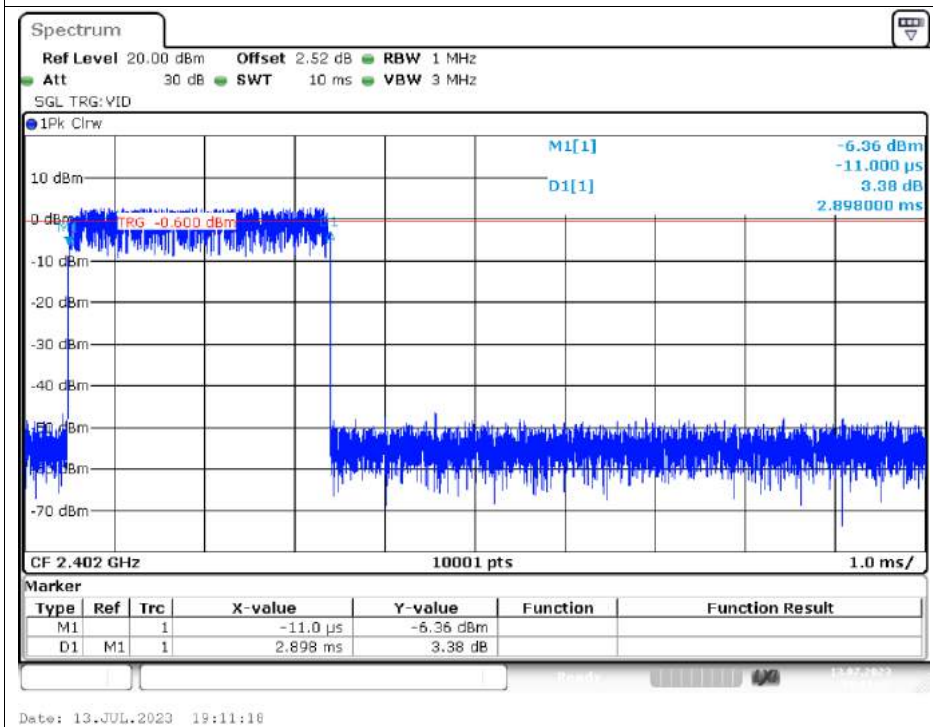
Dwell NVNT 2-DH5 2480MHz Ant1 One Burst



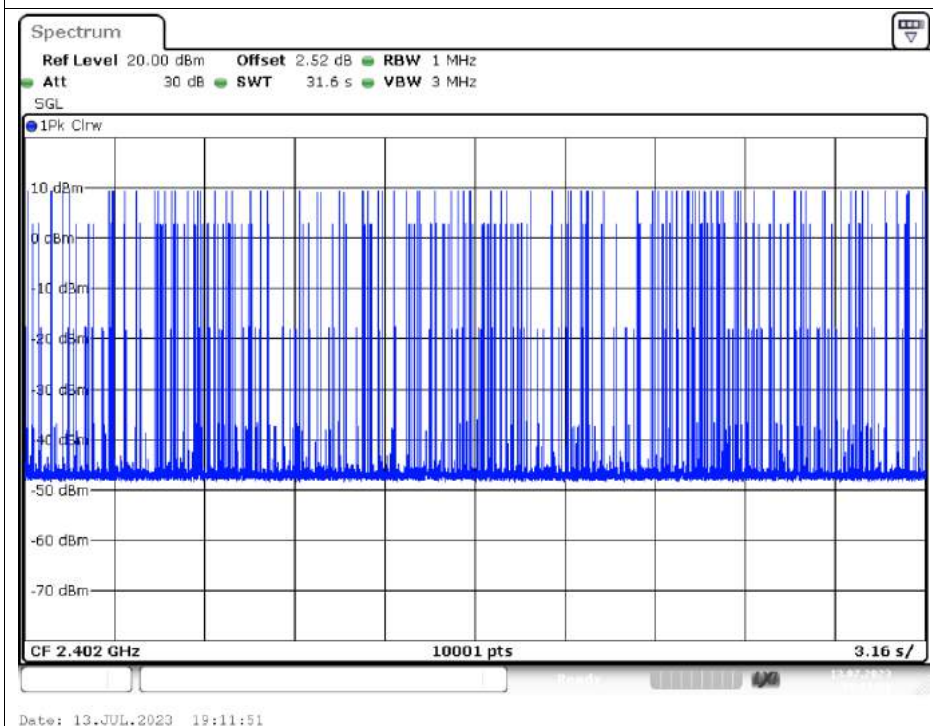
Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated



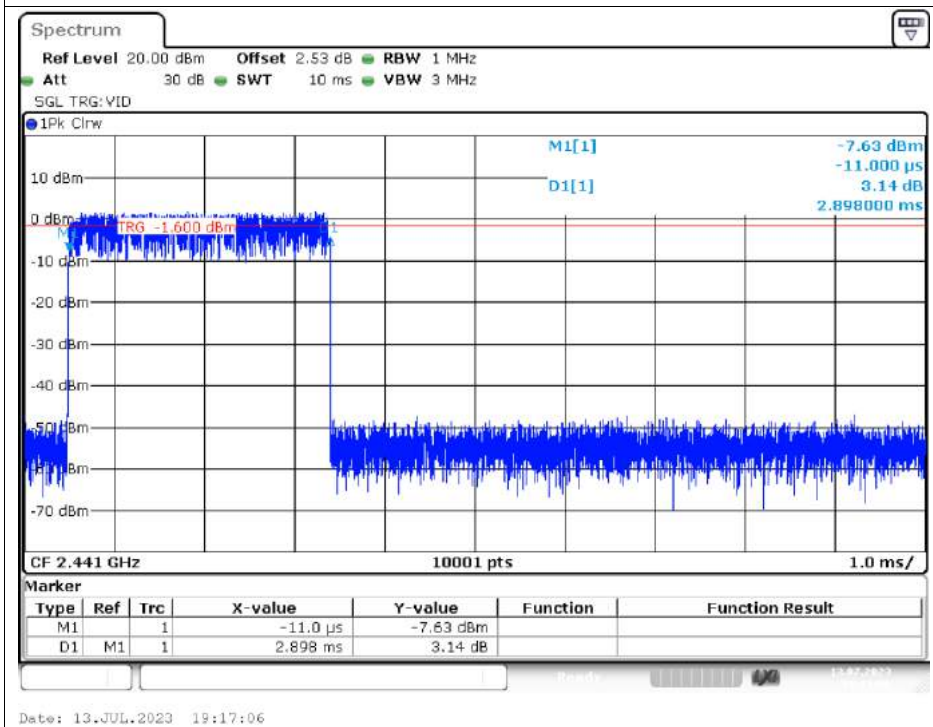
Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



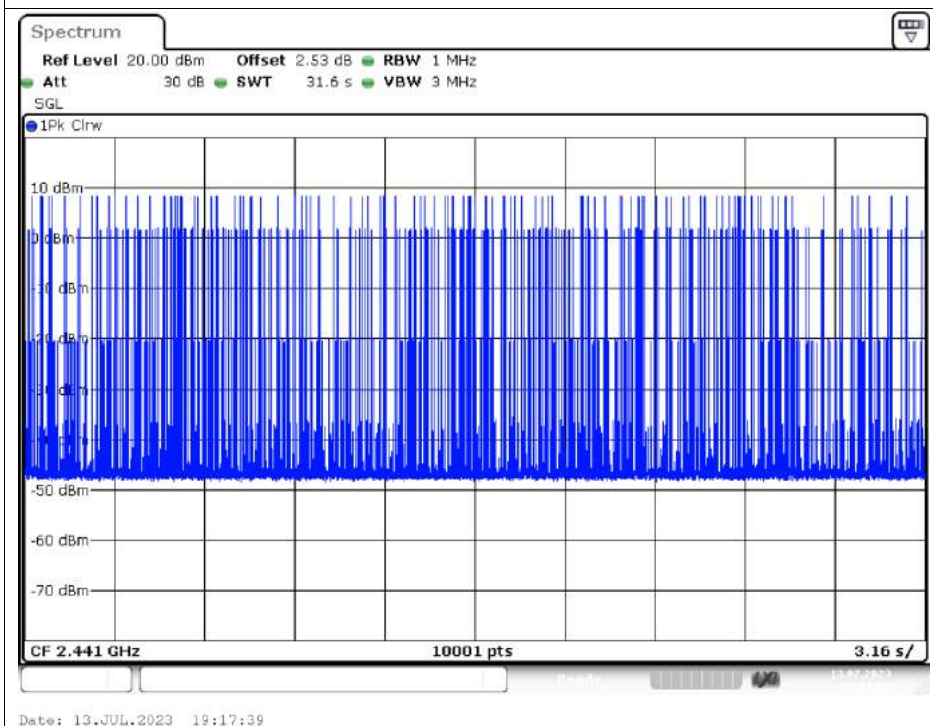
Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated



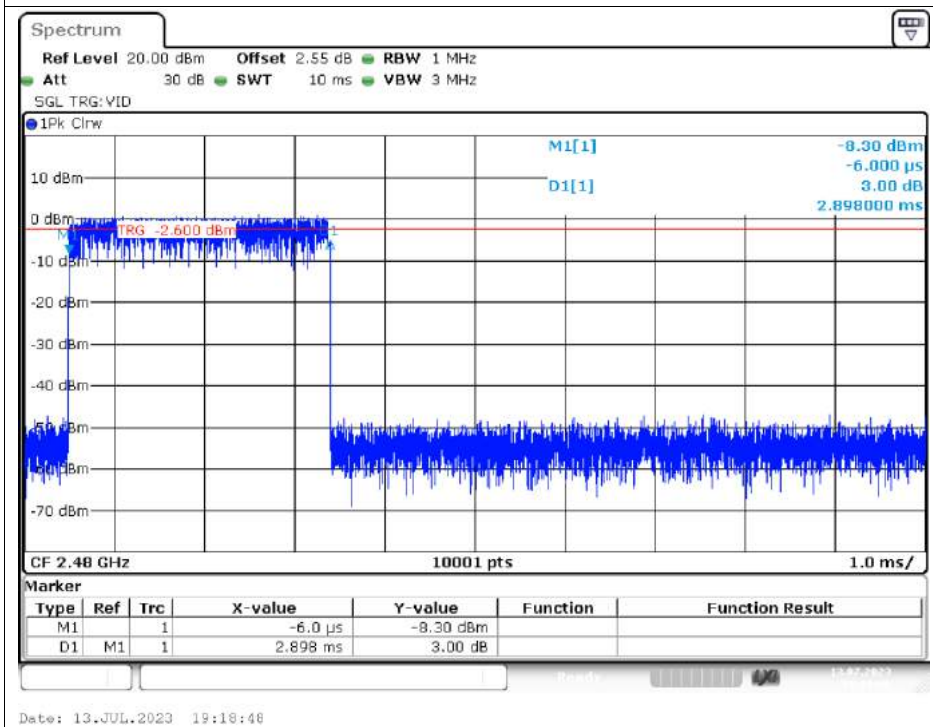
Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



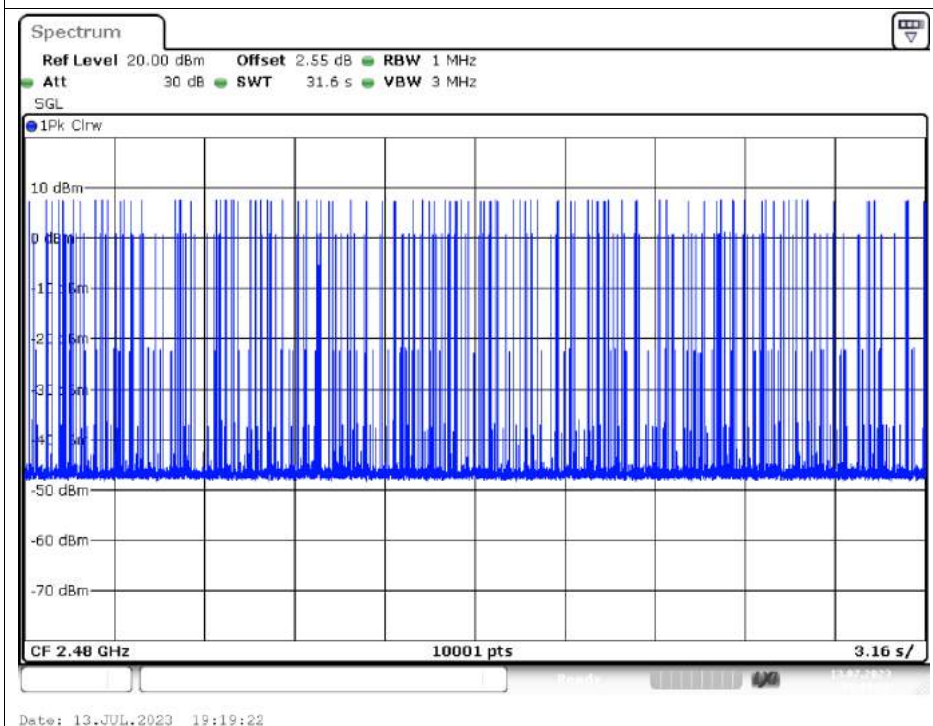
Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2480MHz Ant1 One Burst



Dwell NVNT 3-DH5 2480MHz Ant1 Accumulated

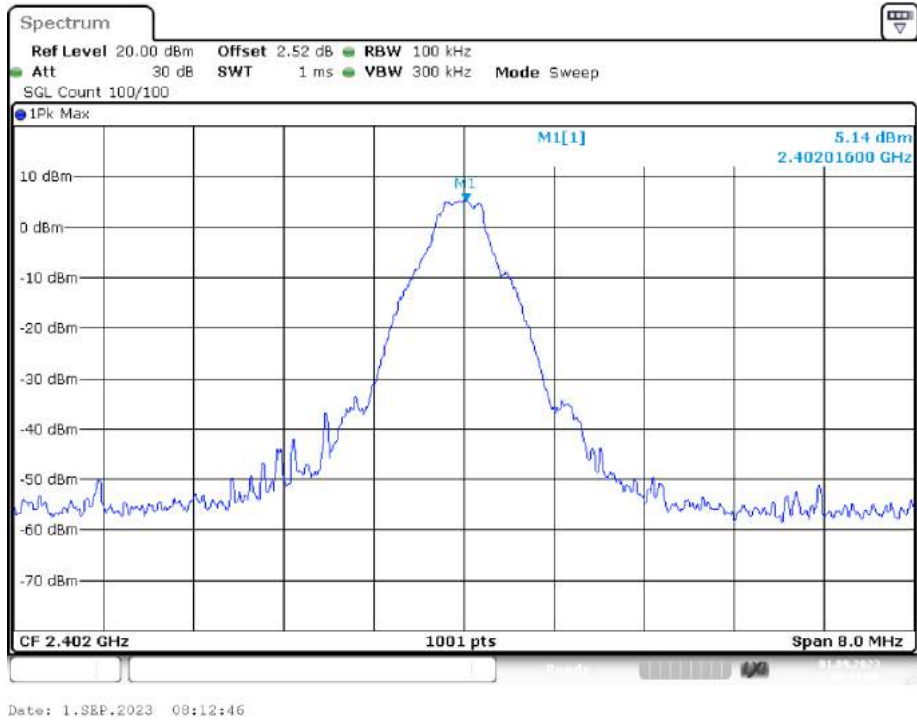


Band Edge

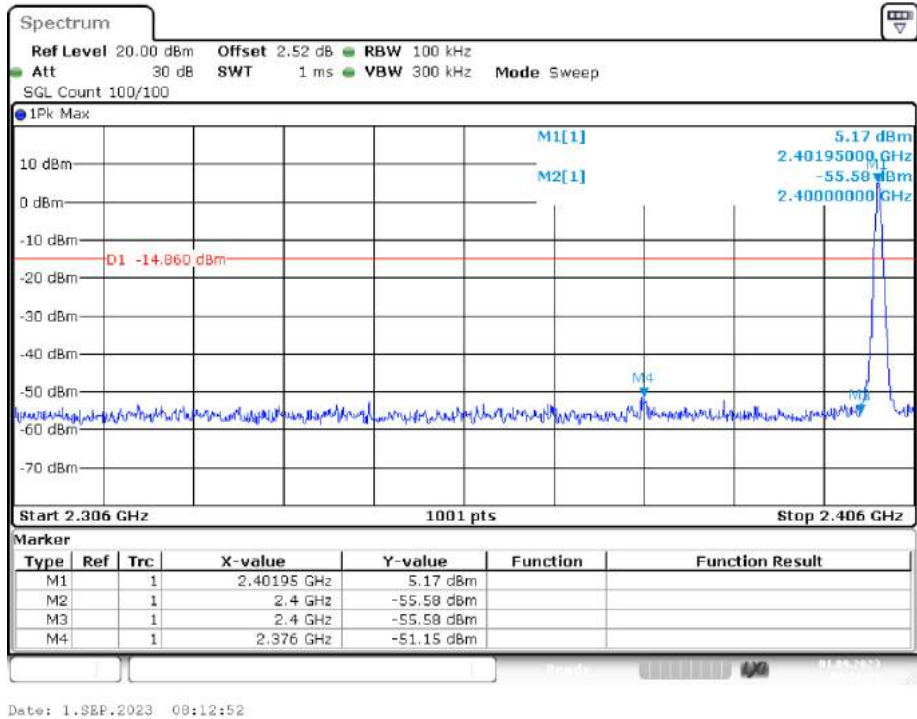
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-56.29	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-55.82	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-56.74	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-54.15	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-54.1	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-54.88	-20	Pass

Test Graphs

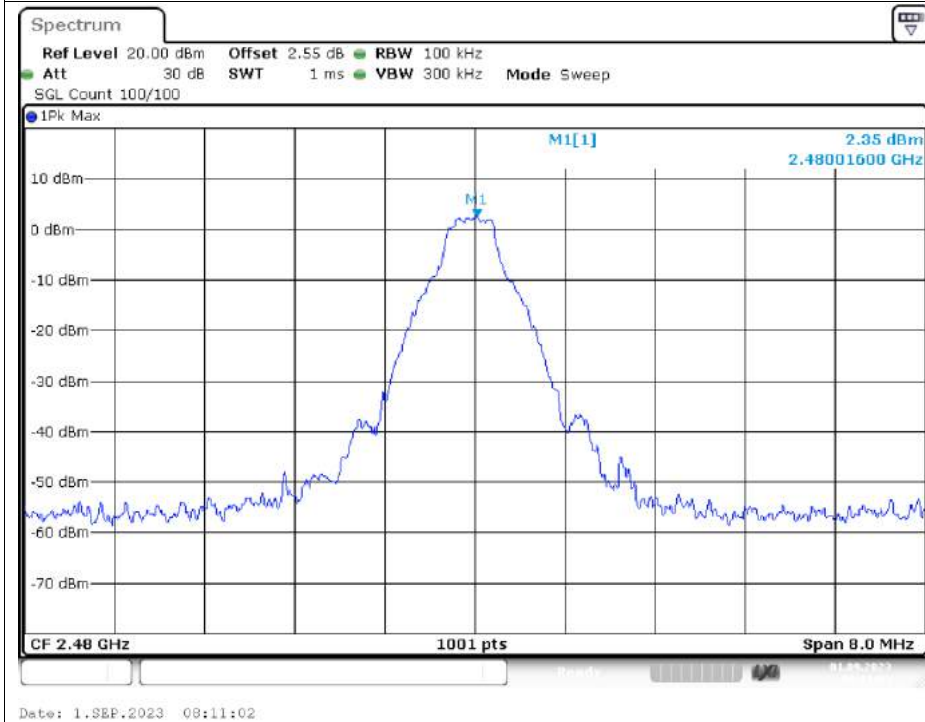
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



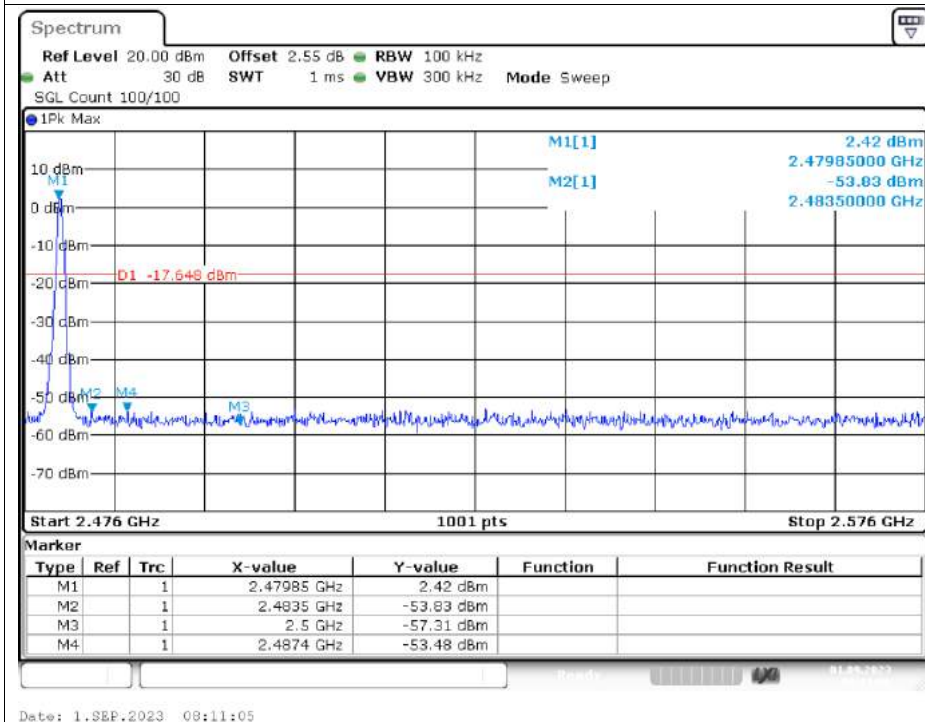
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



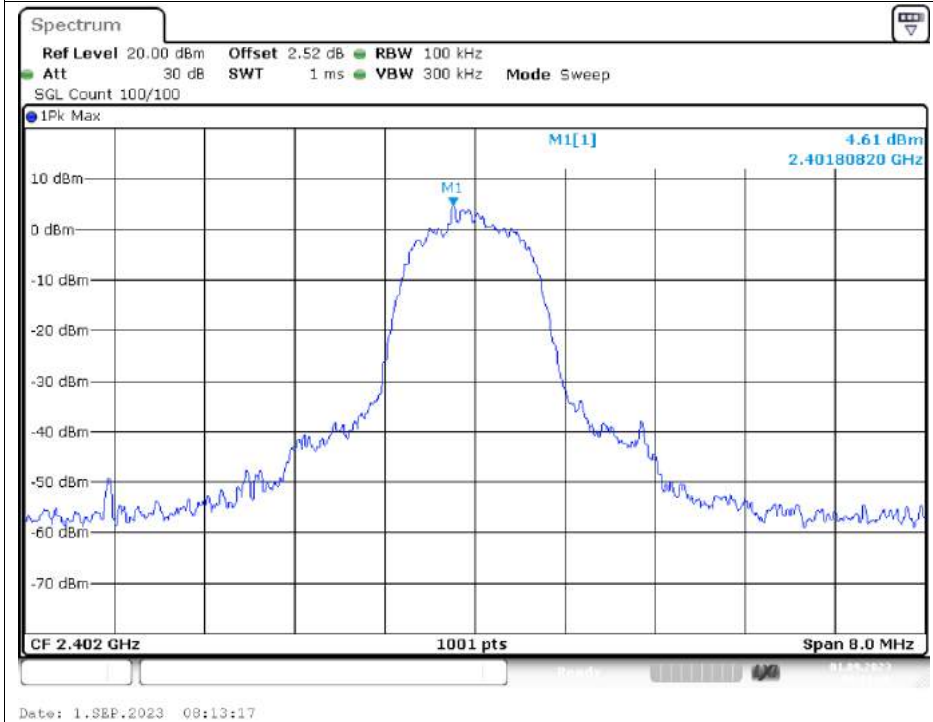
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



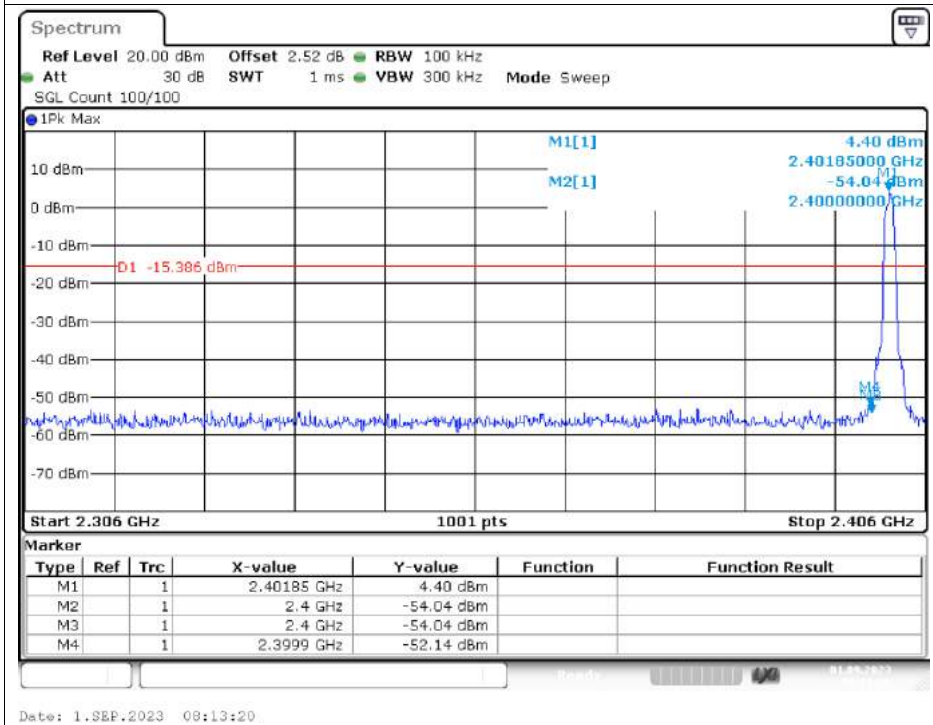
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



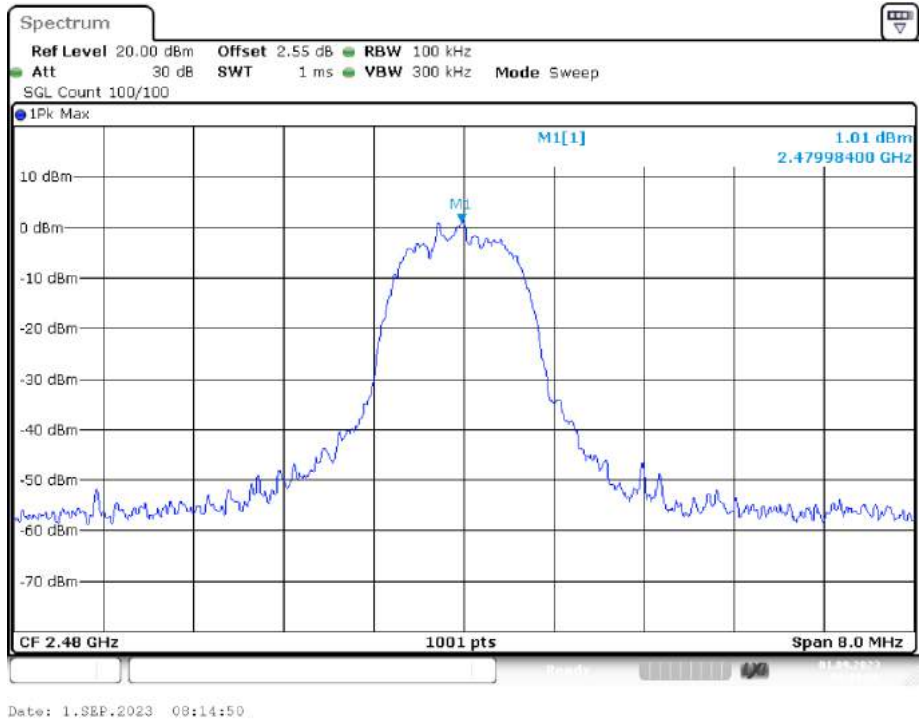
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



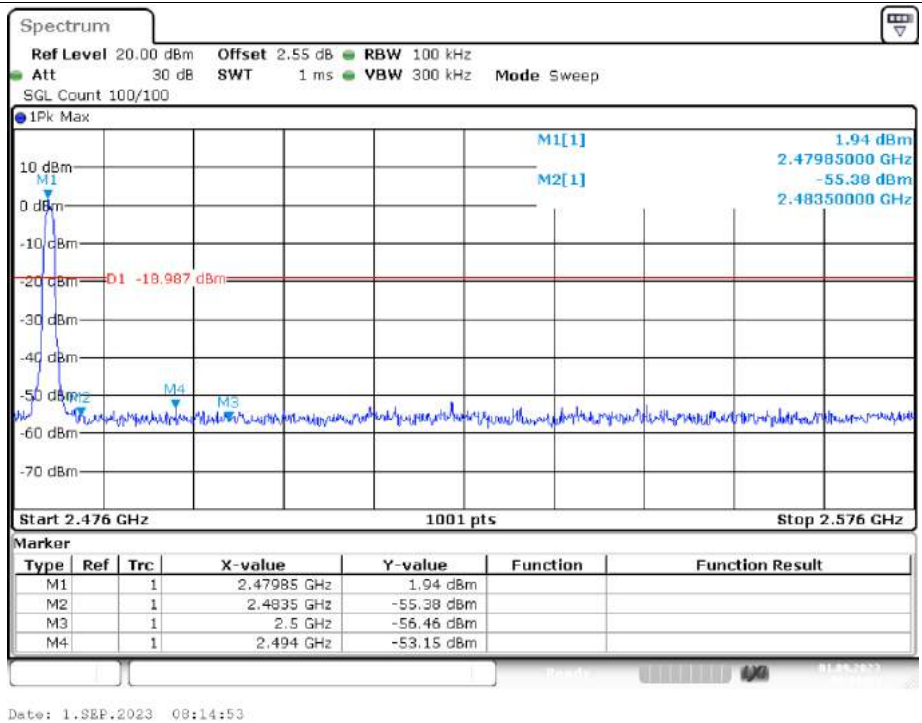
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



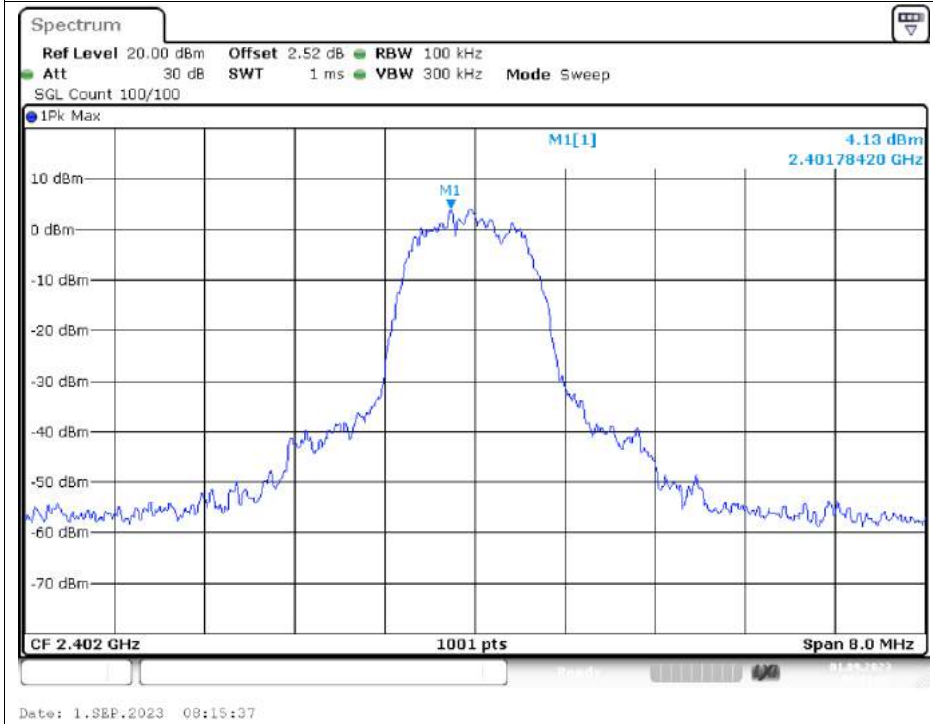
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



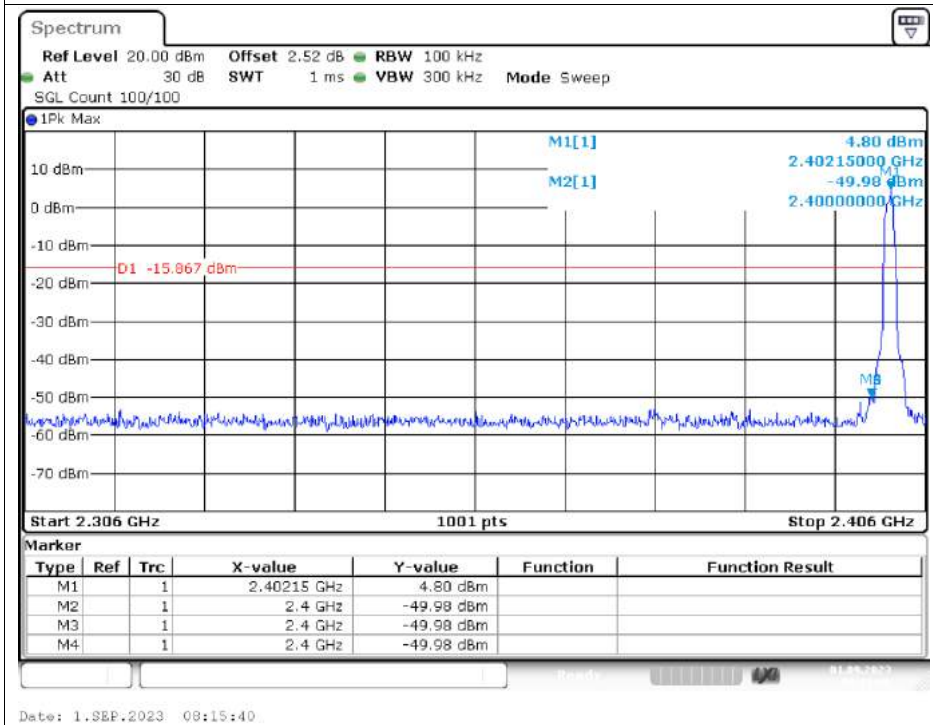
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



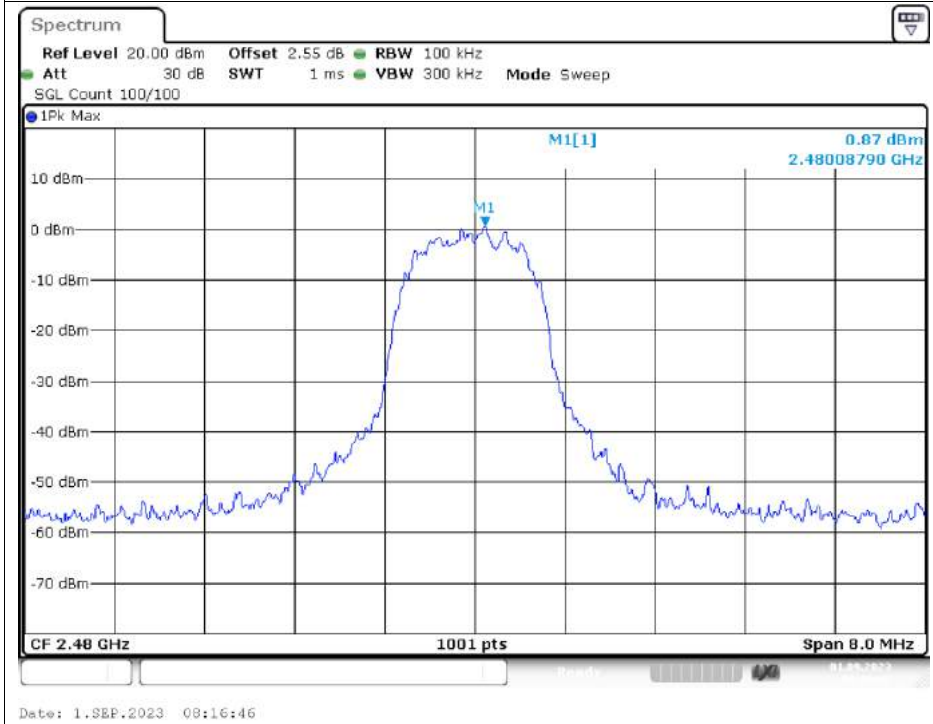
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



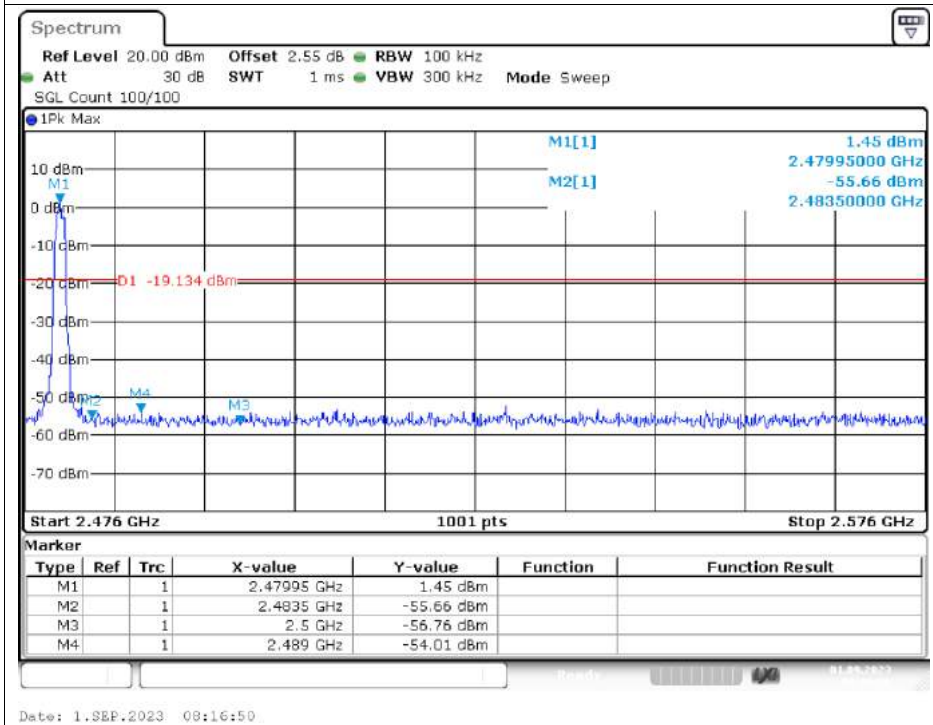
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

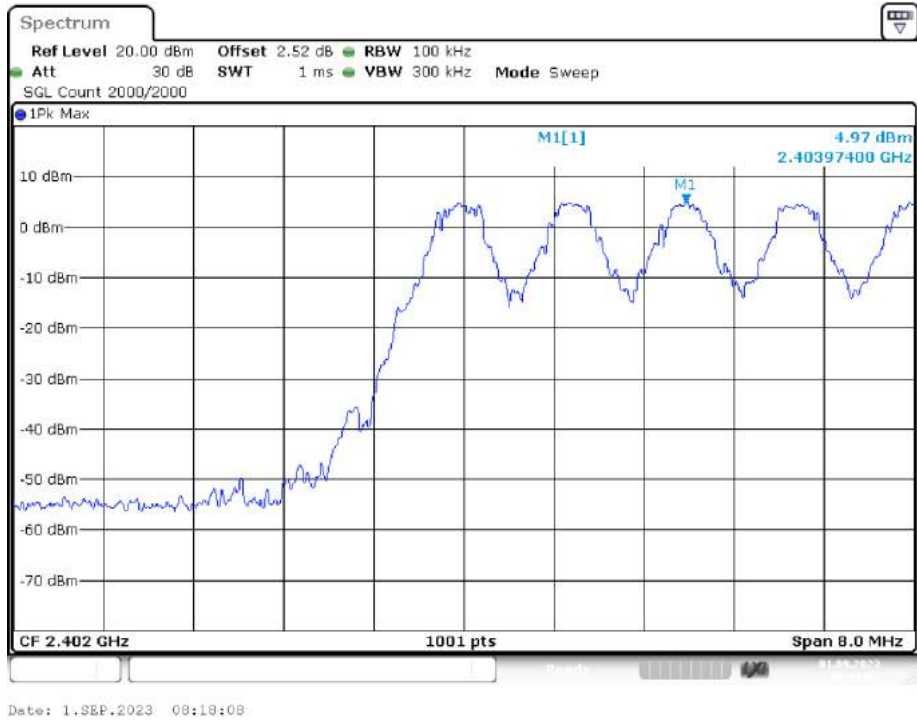


Band Edge(Hopping)

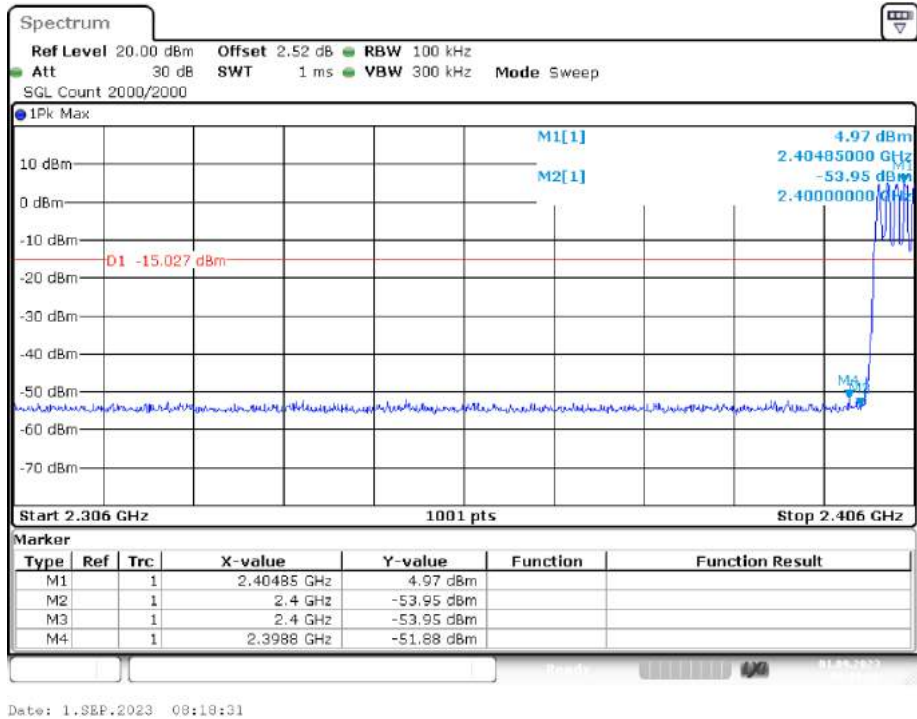
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-56.85	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-54.05	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-55.98	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-53.64	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-56.93	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-54.56	-20	Pass

Test Graphs

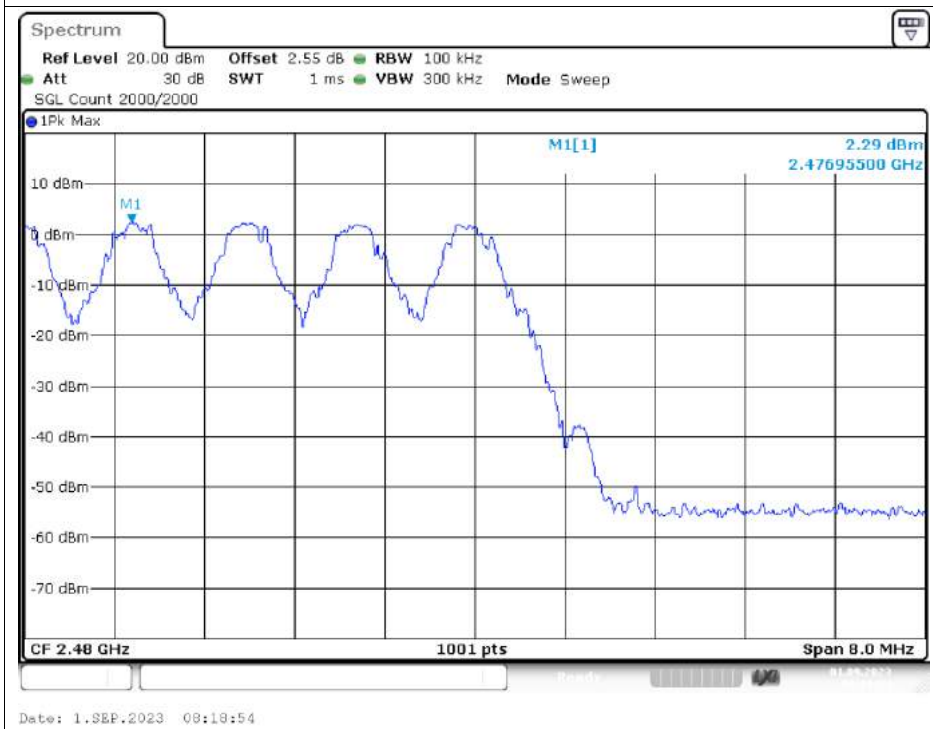
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



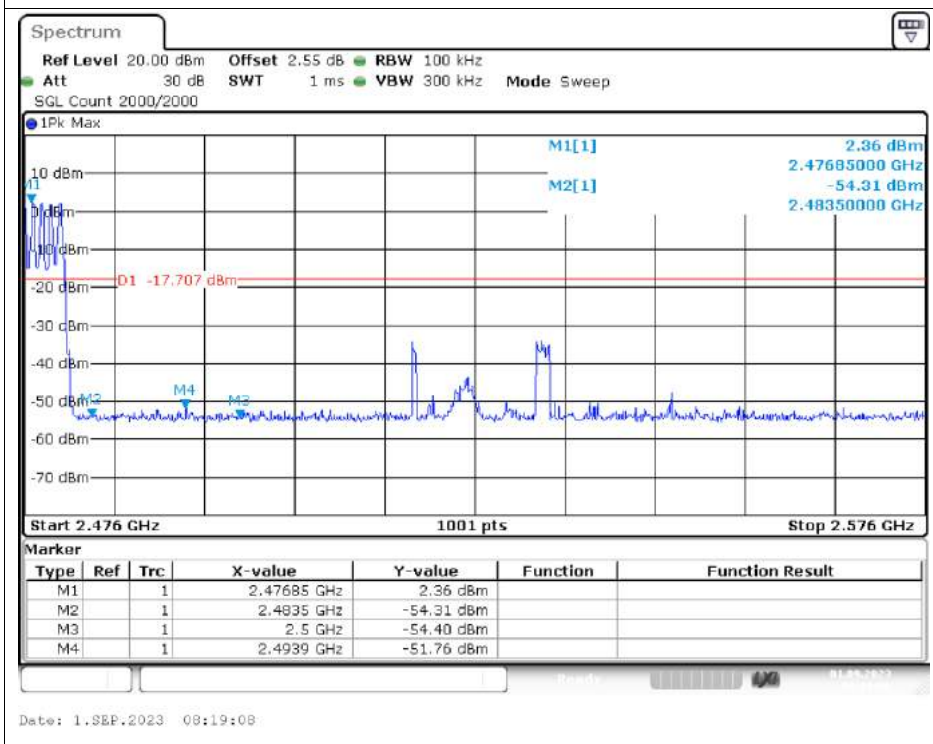
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



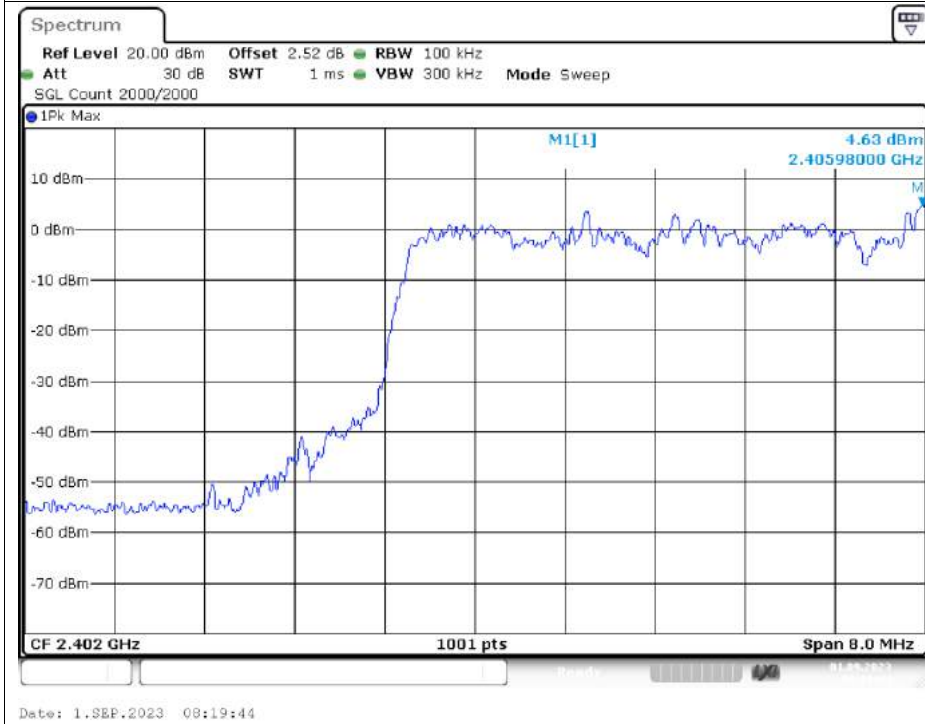
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



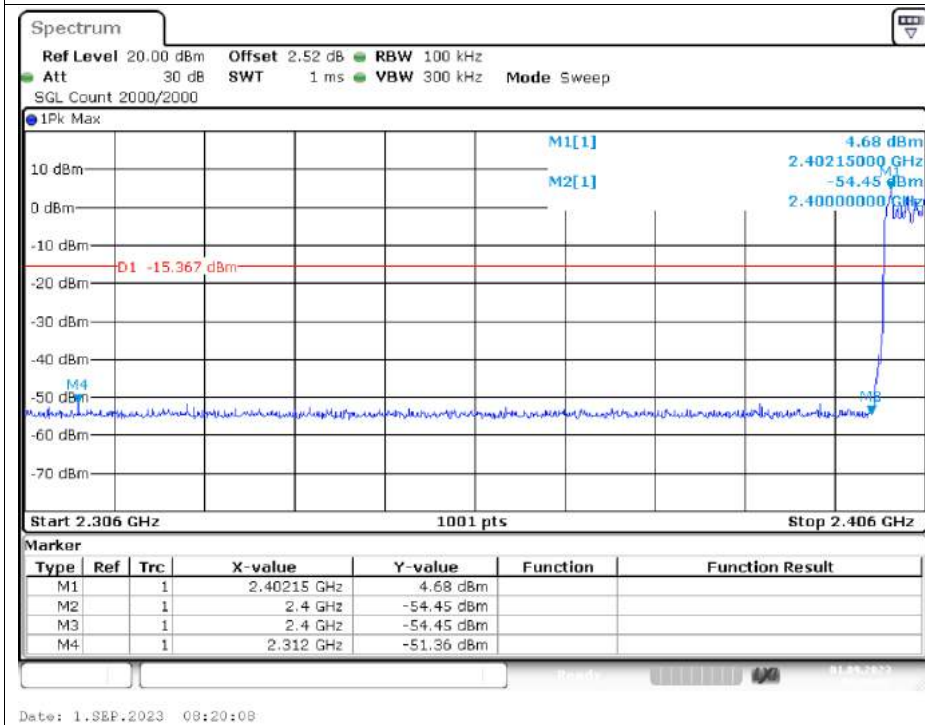
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



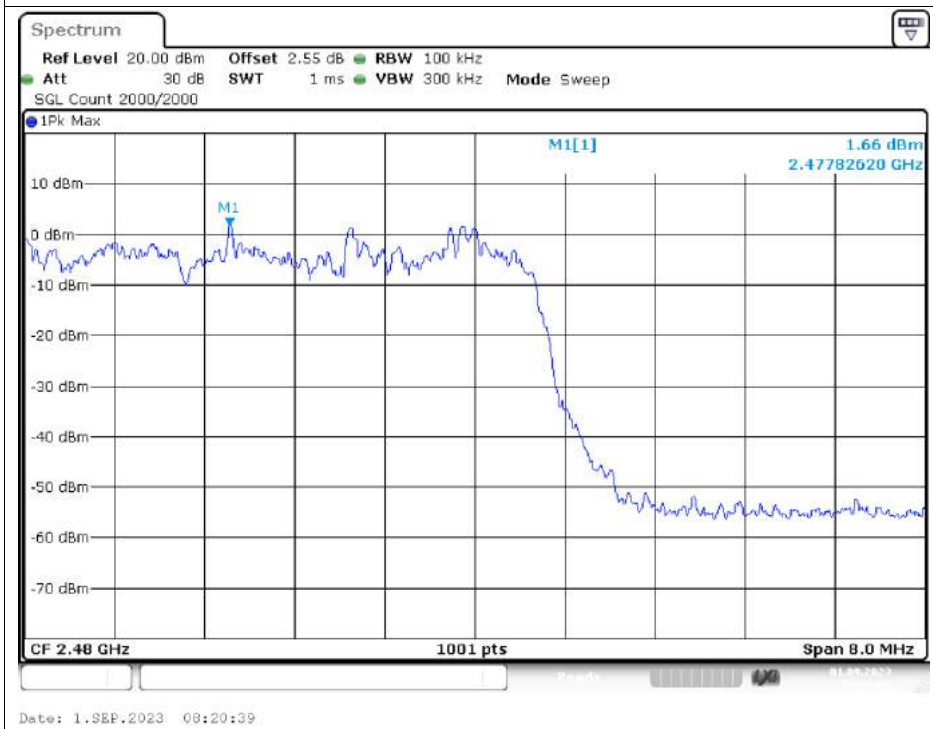
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



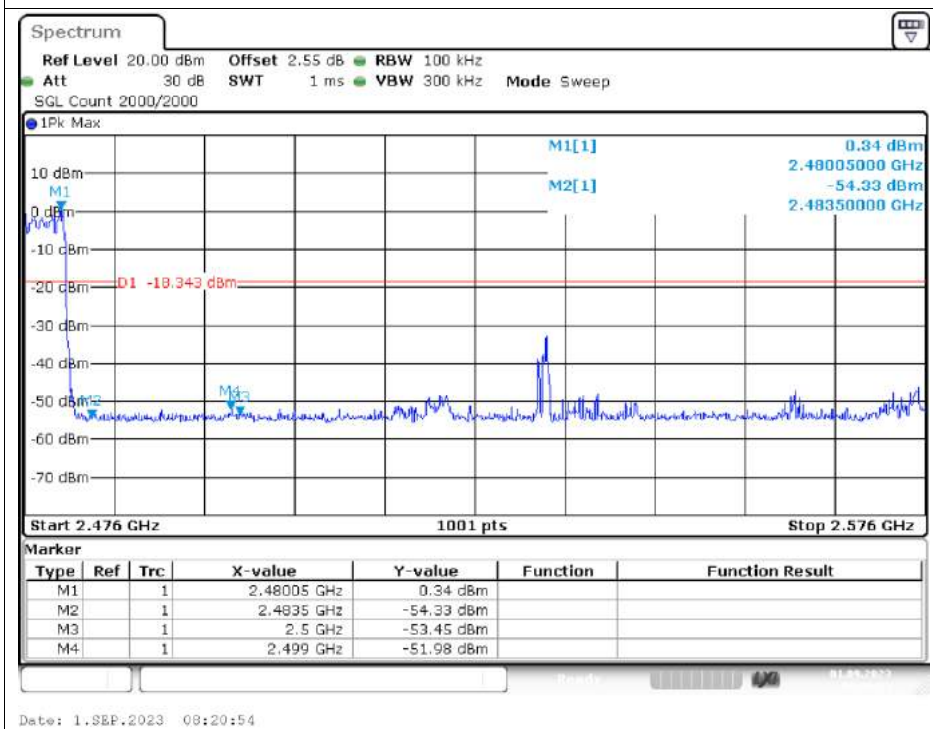
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



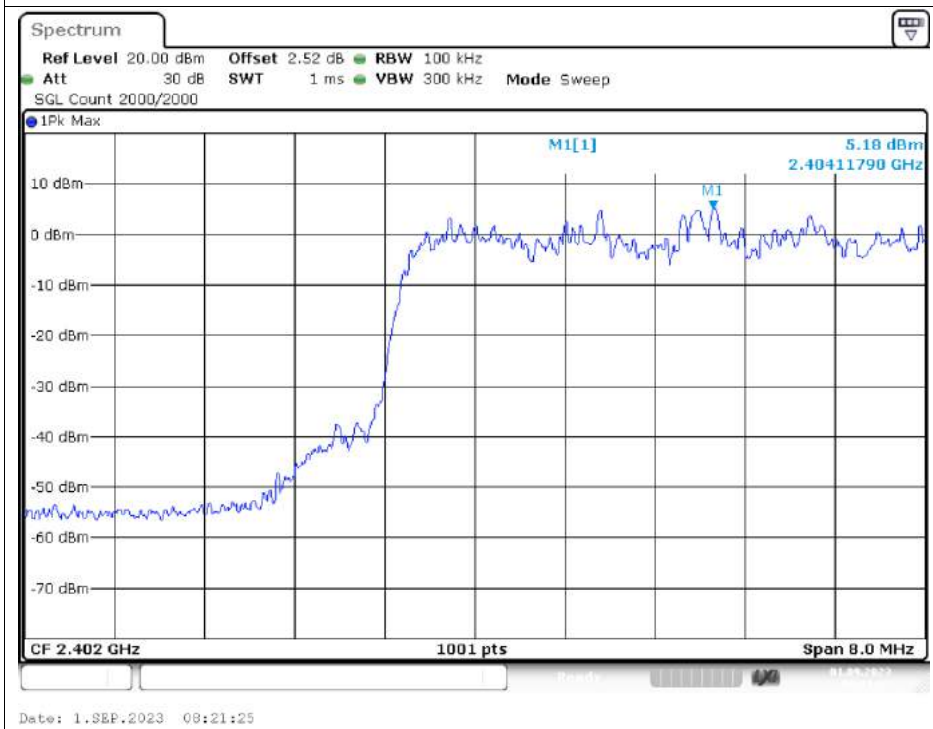
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



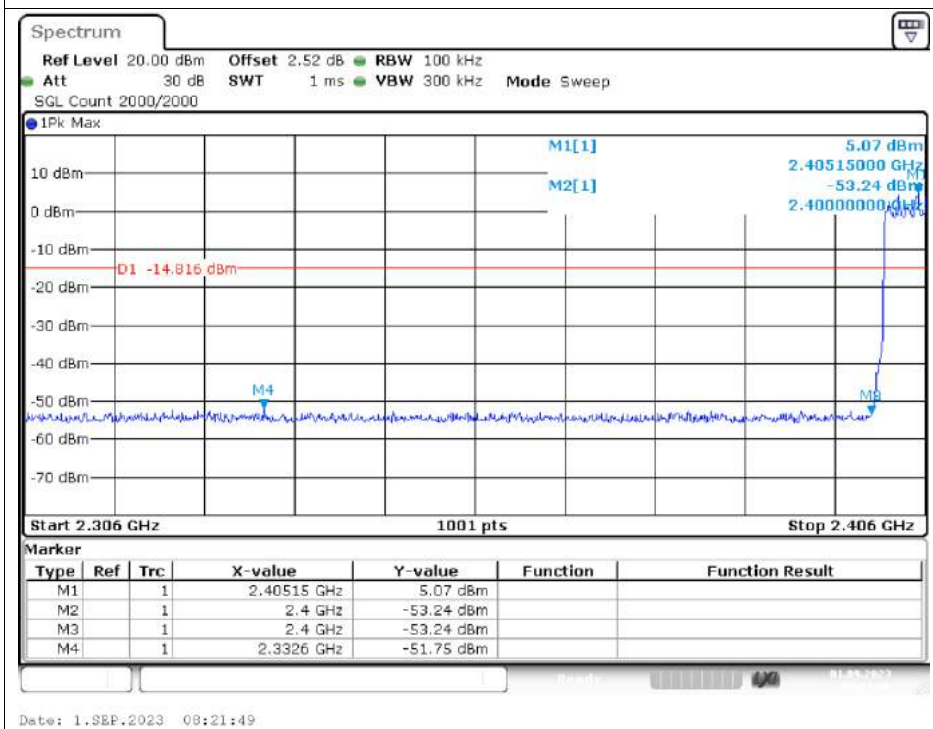
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



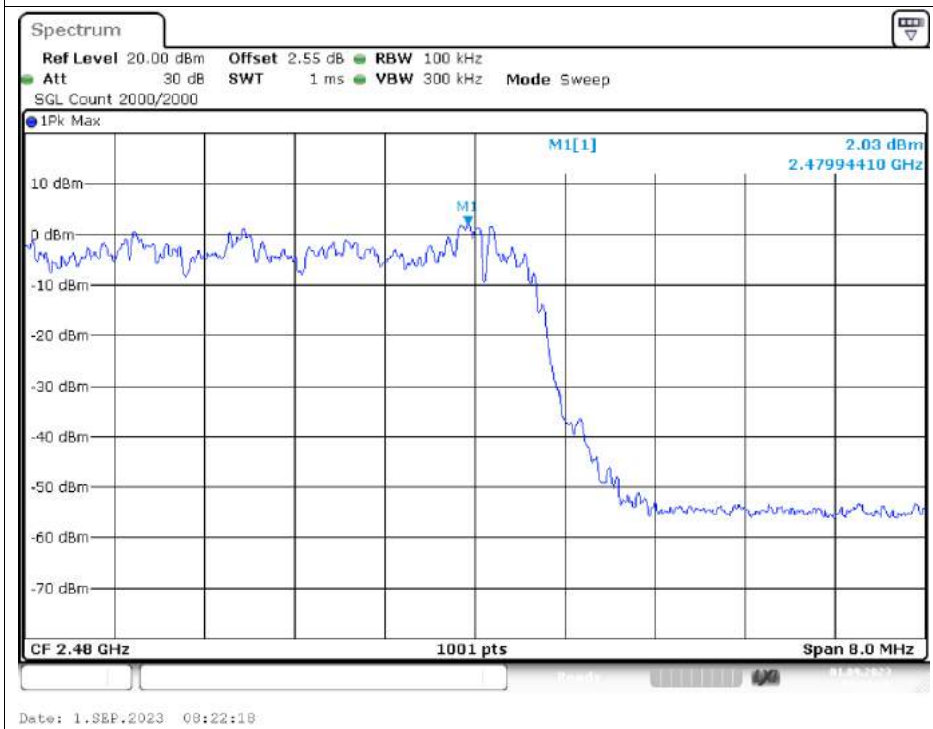
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



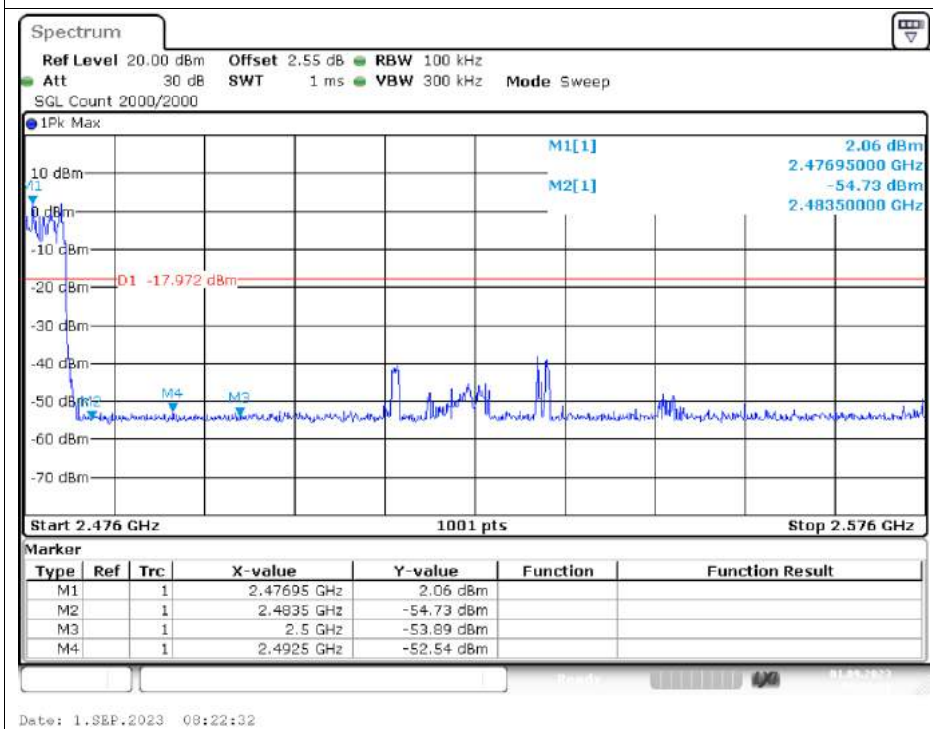
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

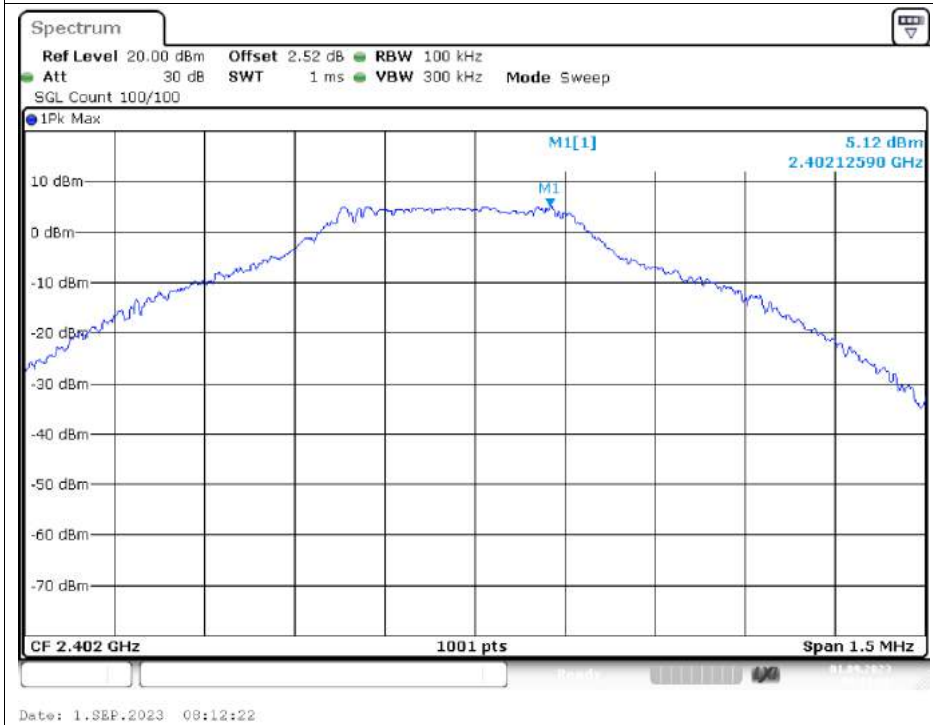


Conducted RF Spurious Emission

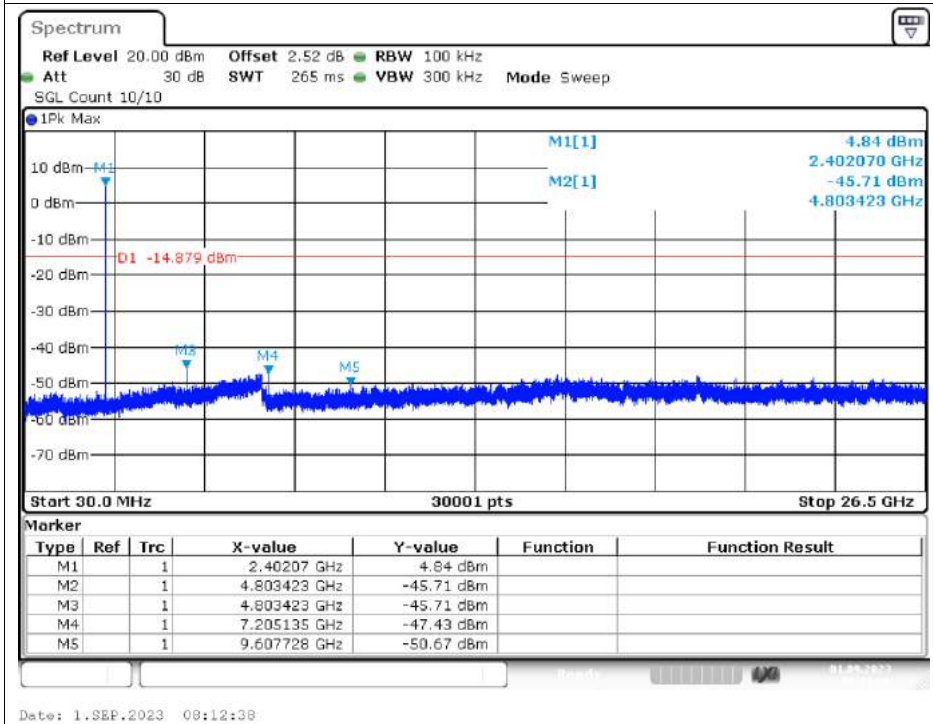
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-50.83	-20	Pass
NVNT	1-DH5	2441	Ant1	-49.36	-20	Pass
NVNT	1-DH5	2480	Ant1	-47.36	-20	Pass
NVNT	2-DH5	2402	Ant1	-51.45	-20	Pass
NVNT	2-DH5	2441	Ant1	-50.23	-20	Pass
NVNT	2-DH5	2480	Ant1	-46.62	-20	Pass
NVNT	3-DH5	2402	Ant1	-50.55	-20	Pass
NVNT	3-DH5	2441	Ant1	-49.95	-20	Pass
NVNT	3-DH5	2480	Ant1	-49.37	-20	Pass

Test Graphs

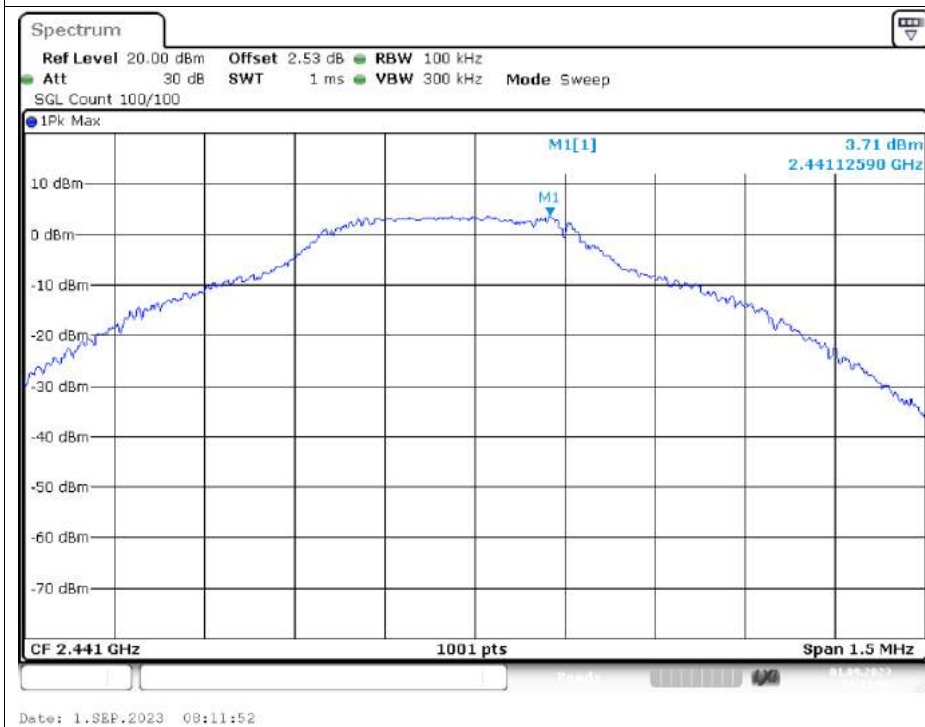
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



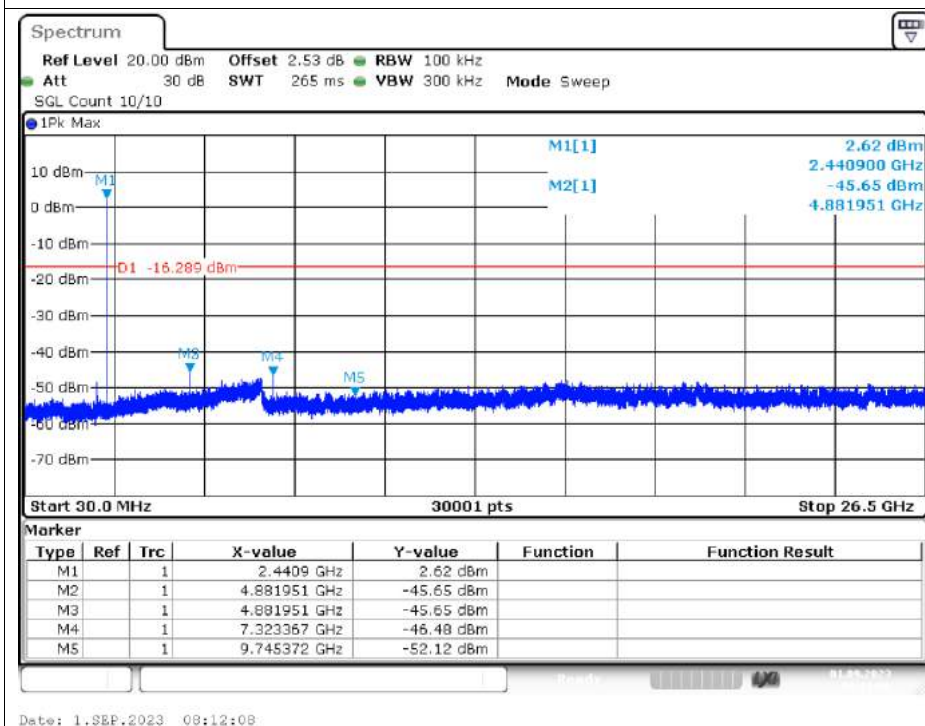
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



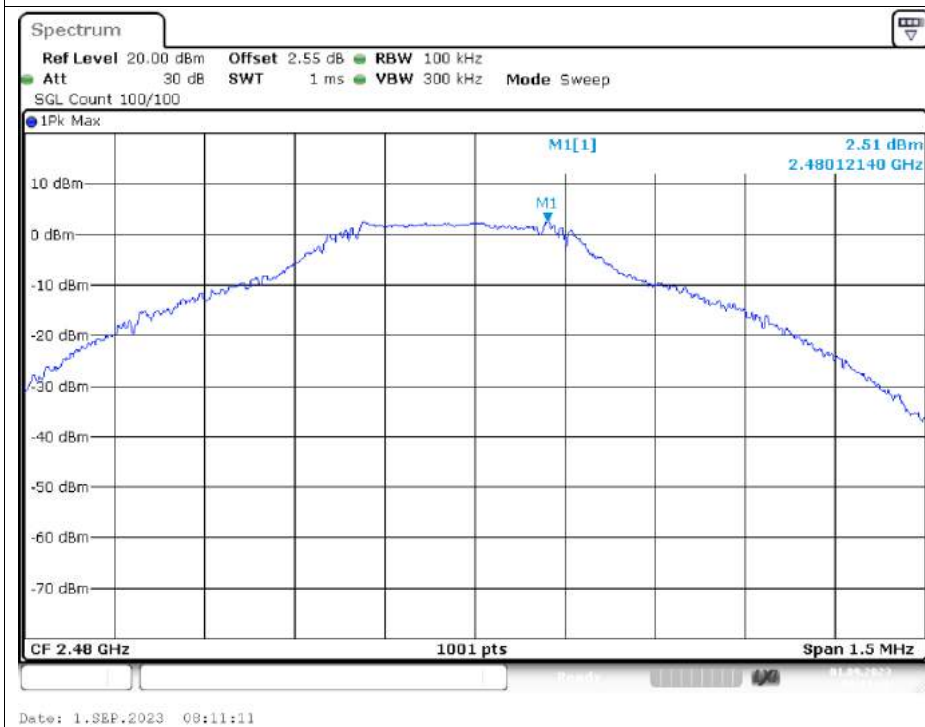
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



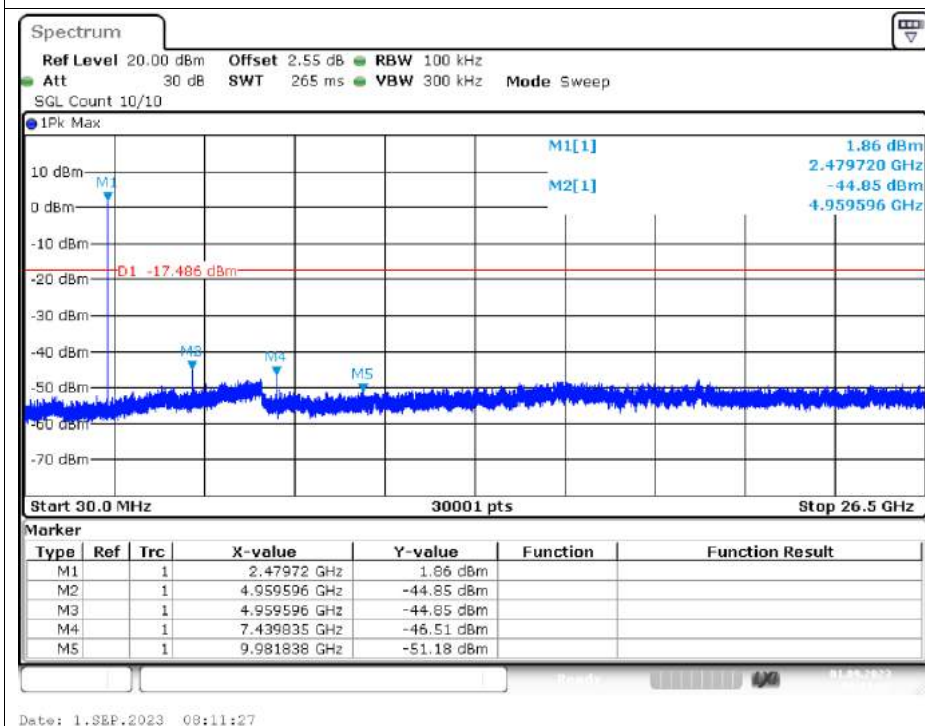
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



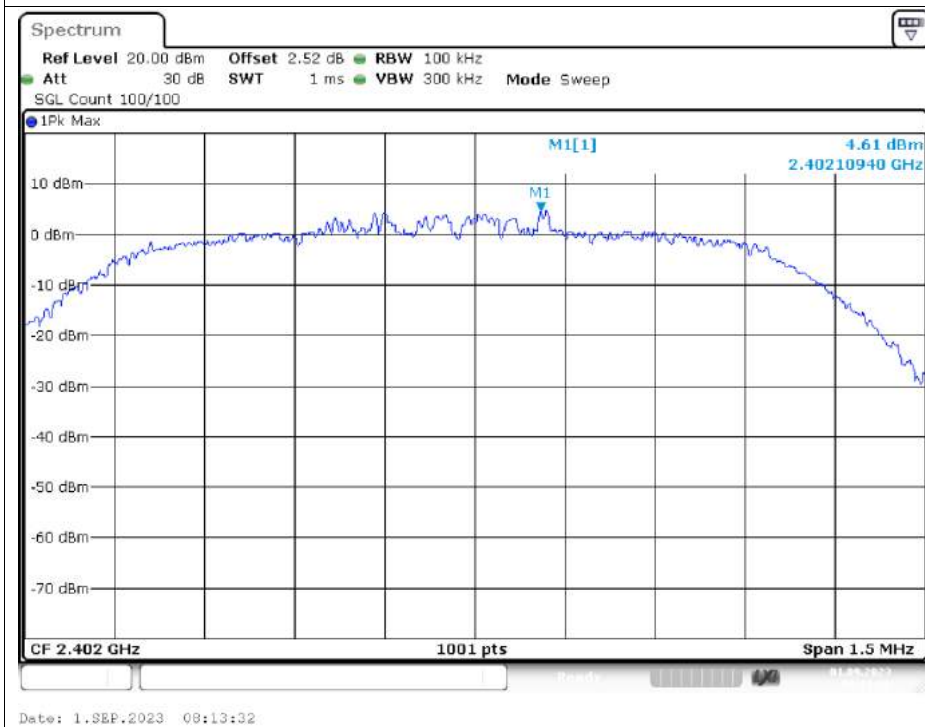
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



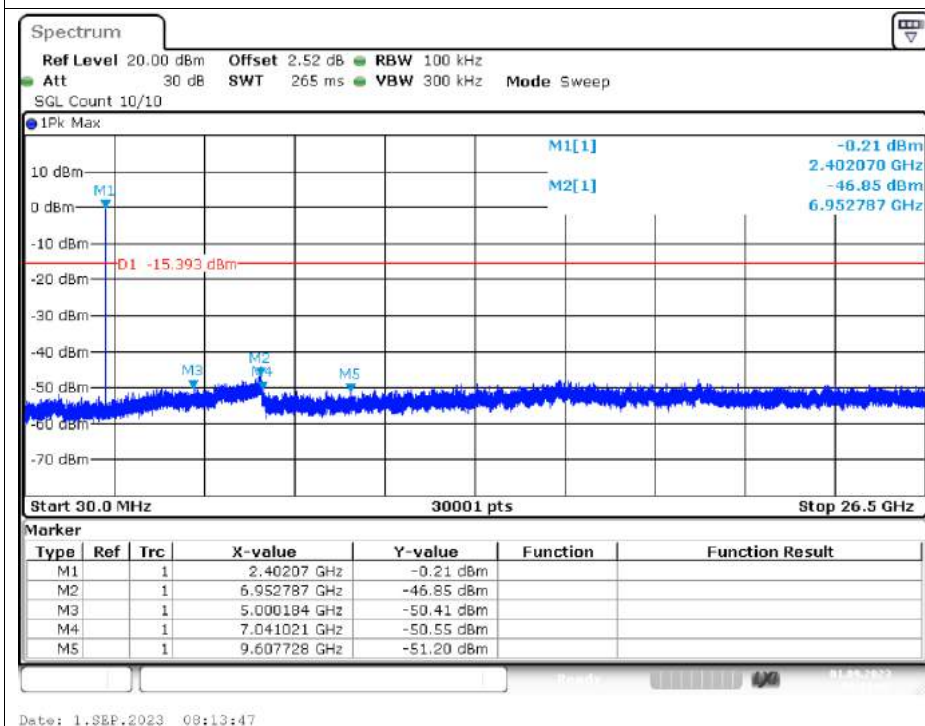
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



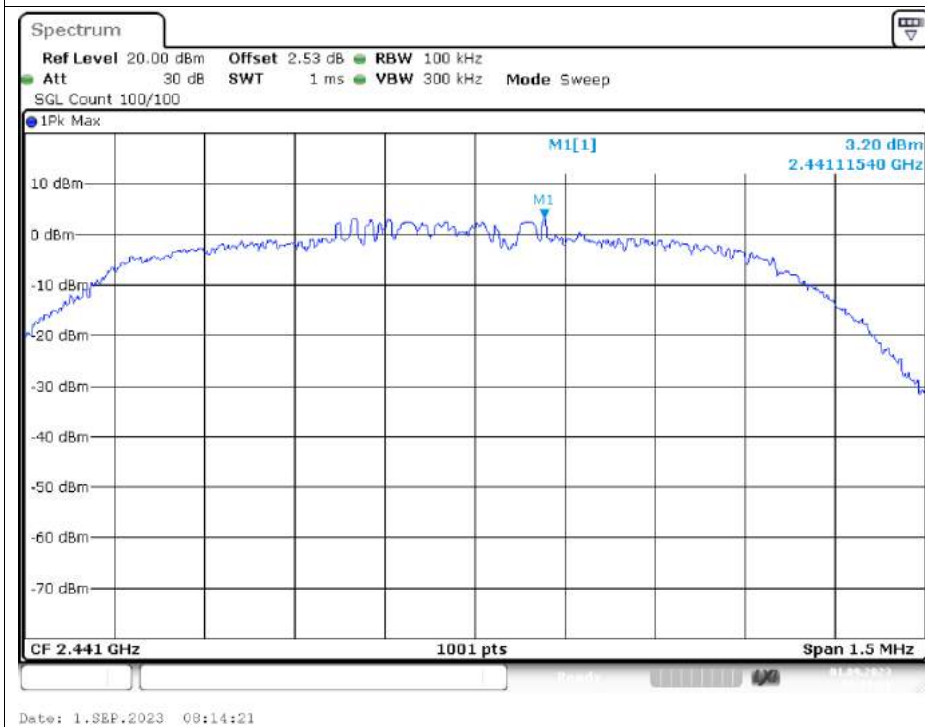
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



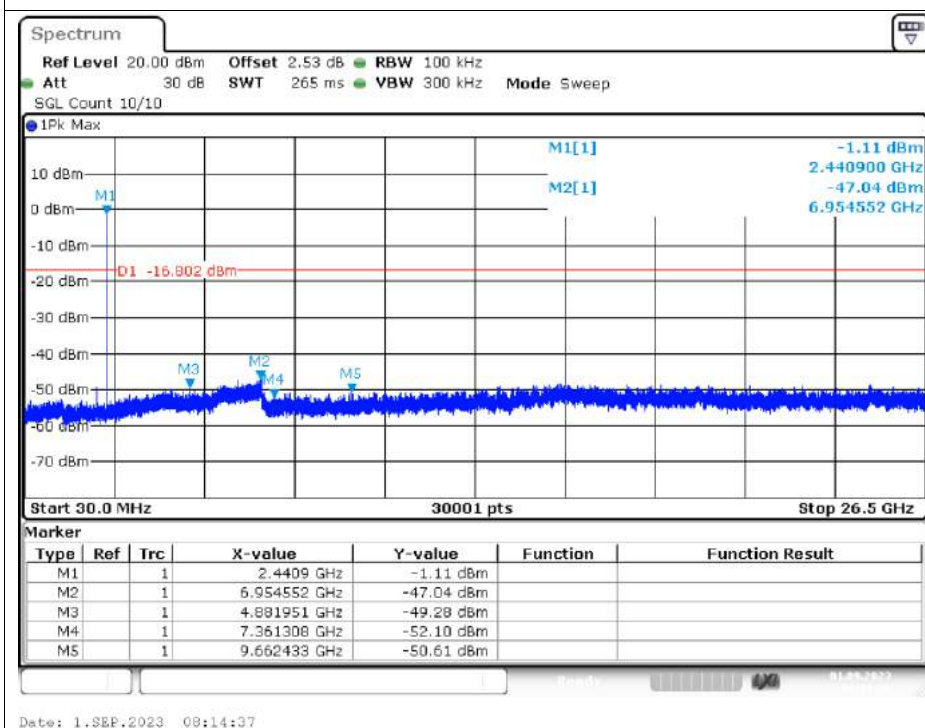
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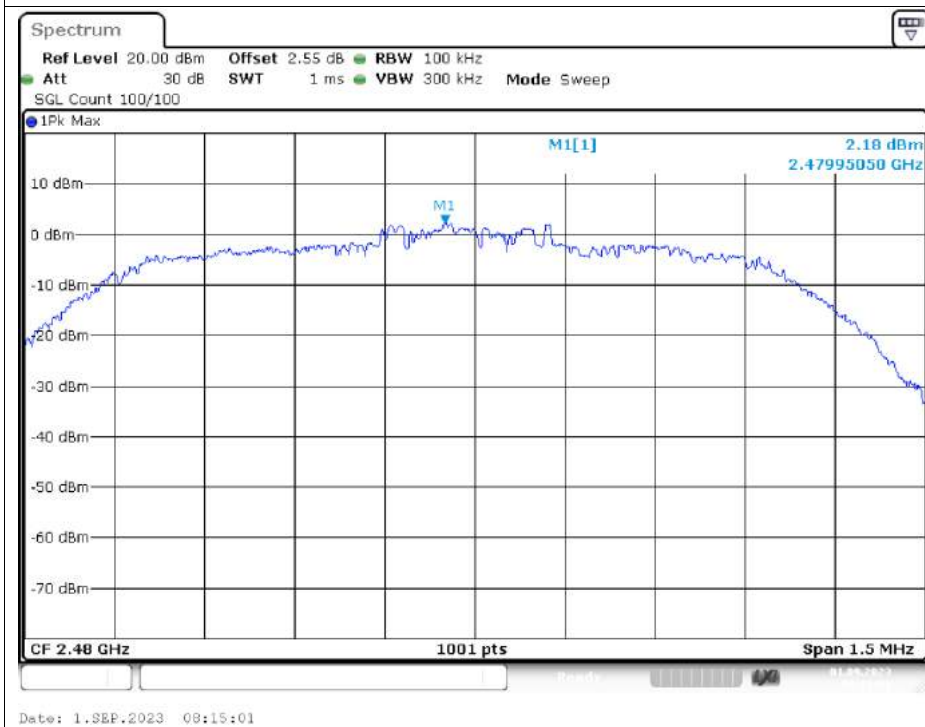
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



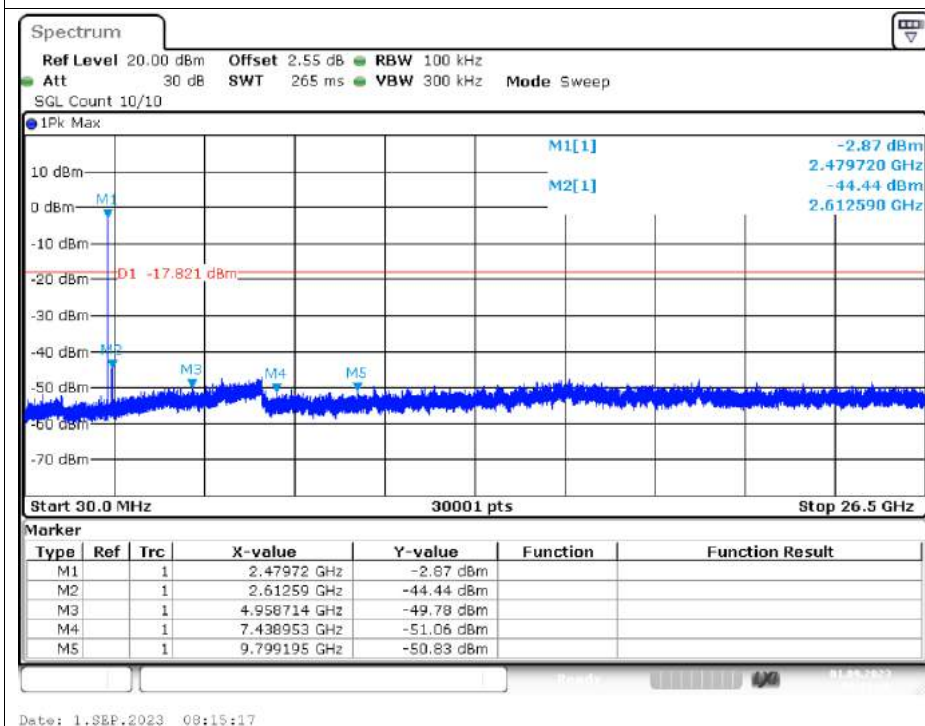
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



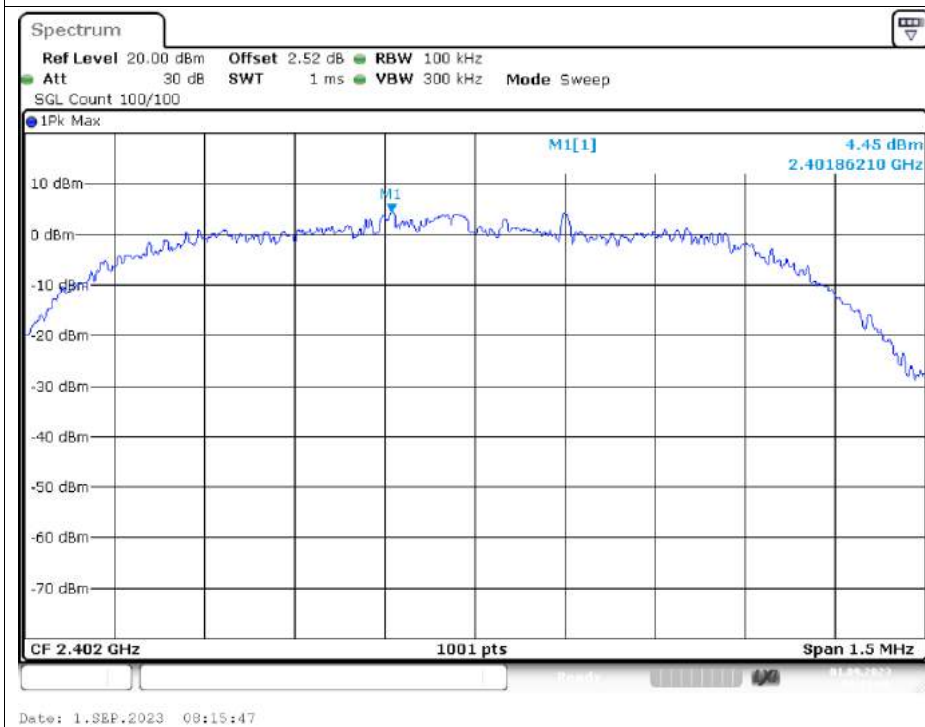
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



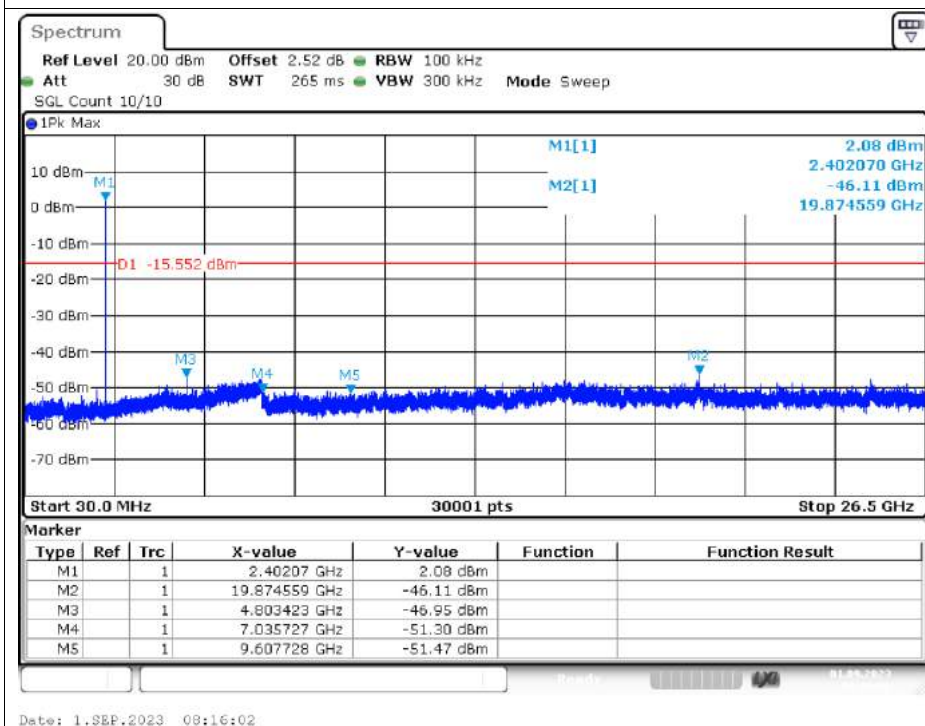
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



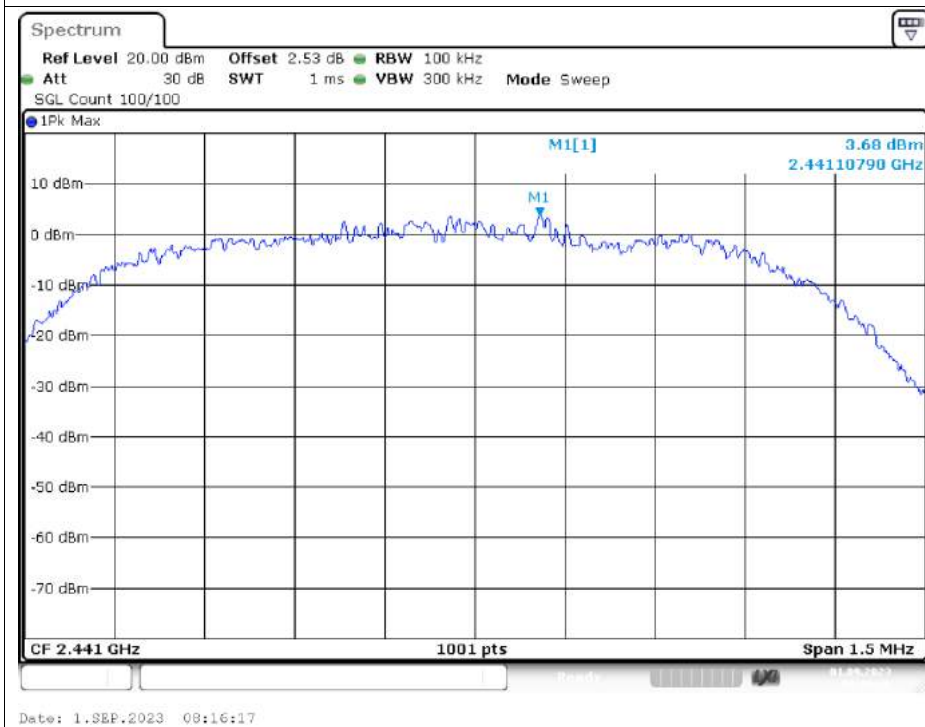
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



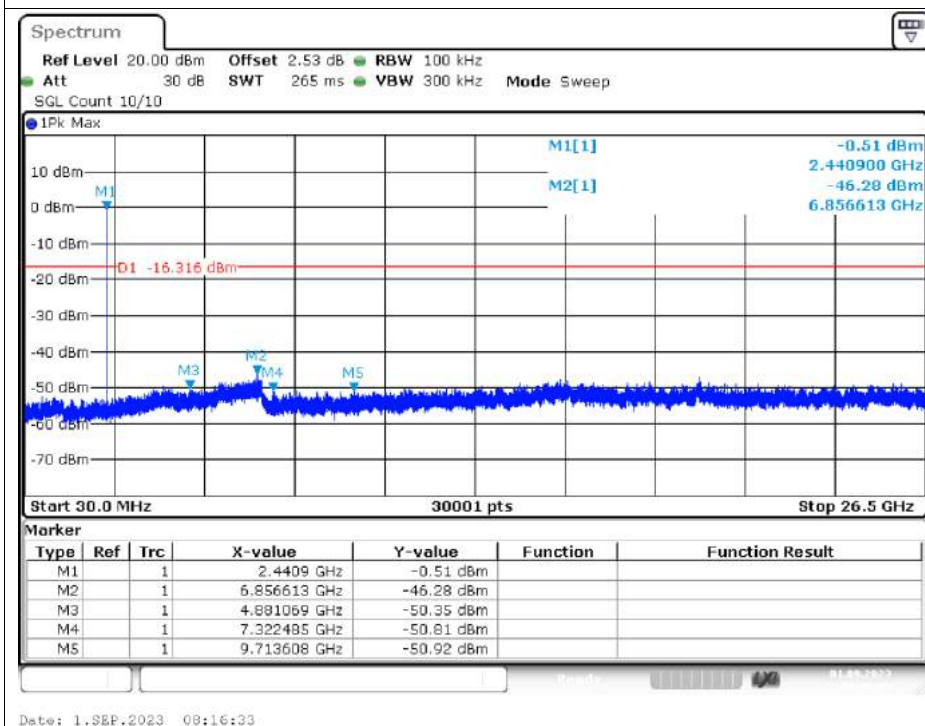
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission

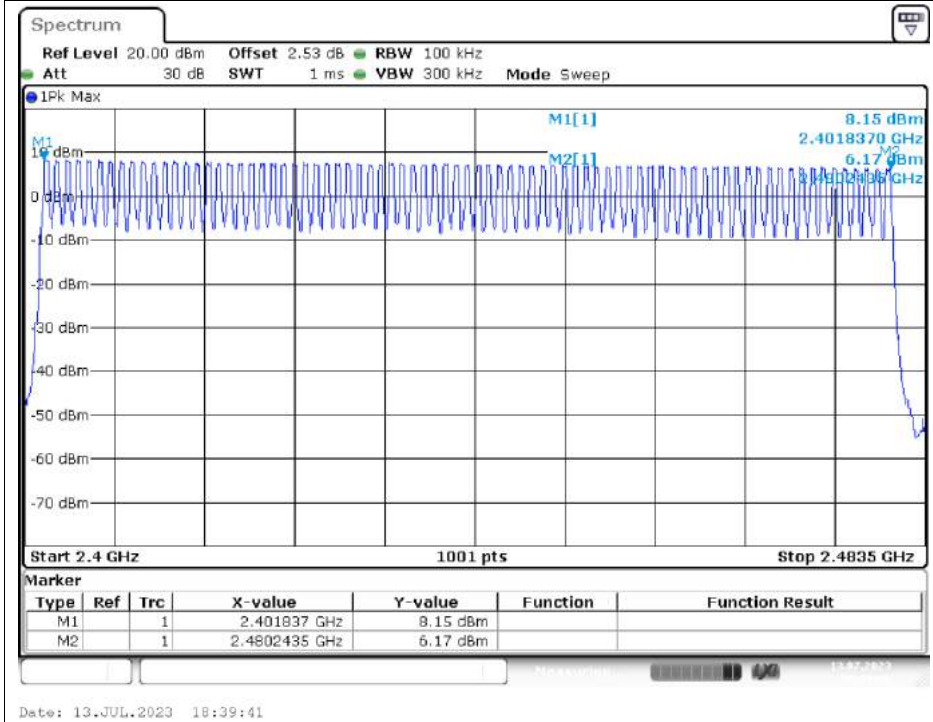


Number of Hopping Channel

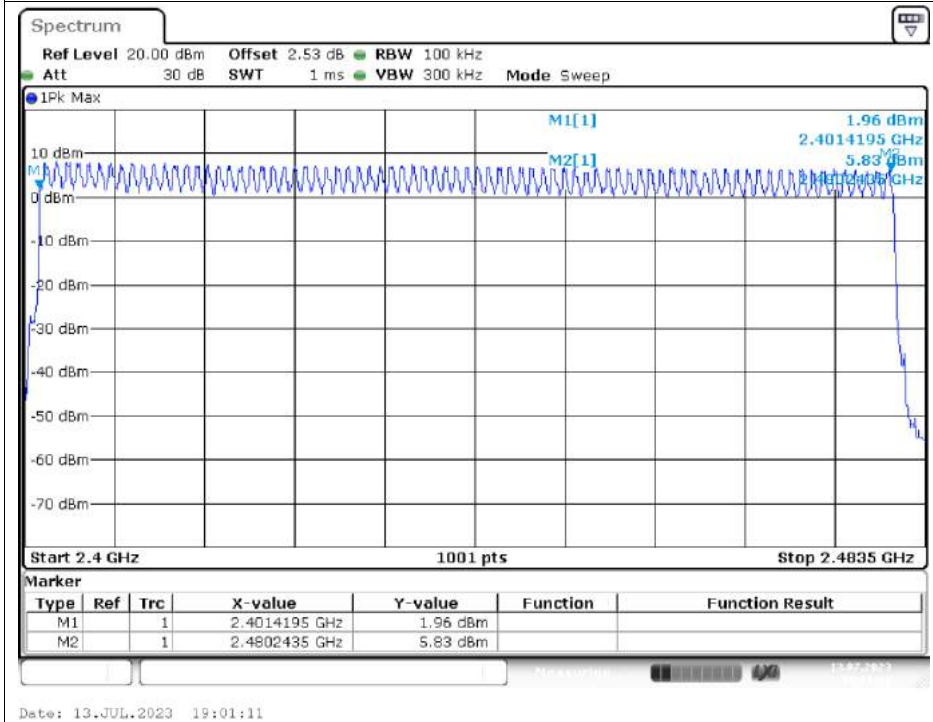
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

Test Graphs

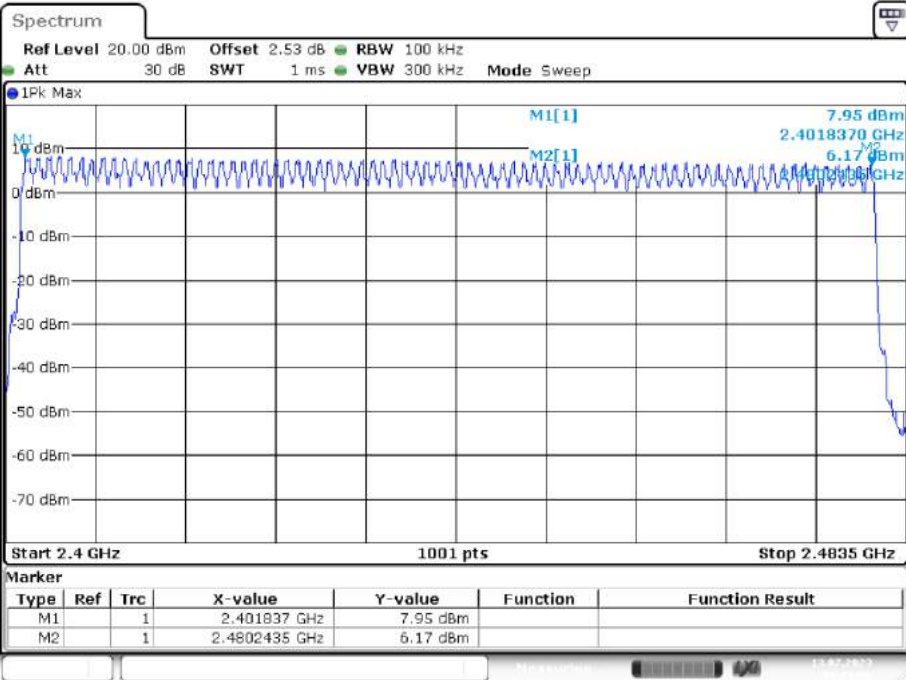
Hopping No. NVNT 1-DH5 2441MHz Ant1



Hopping No. NVNT 2-DH5 2441MHz Ant1



Hopping No. NVNT 3-DH5 2441MHz Ant1



Date: 13.JUL.2023 19:17:00