

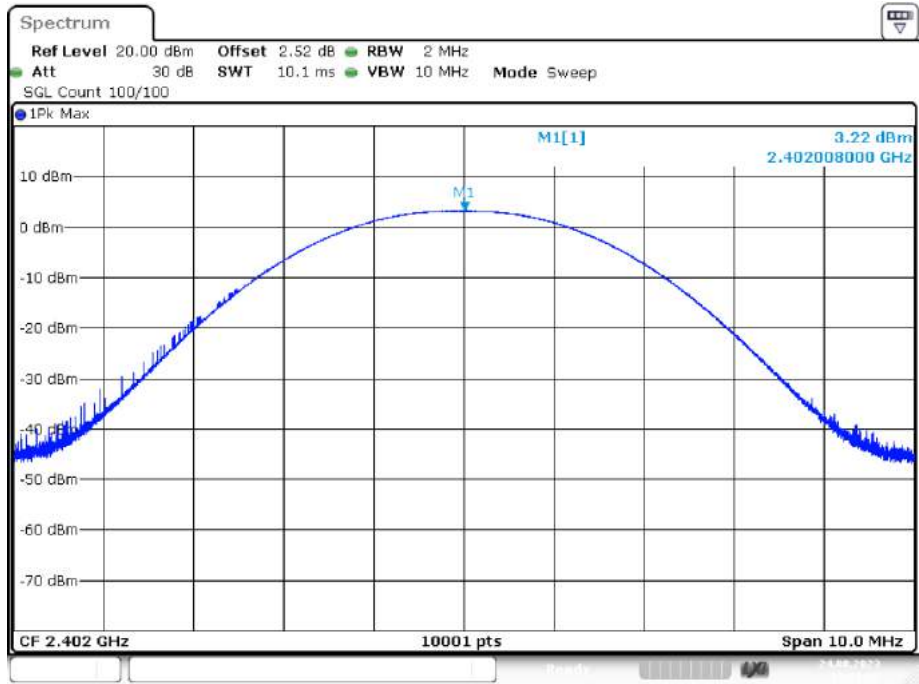
Appendix A

Maximum Conducted Output Power

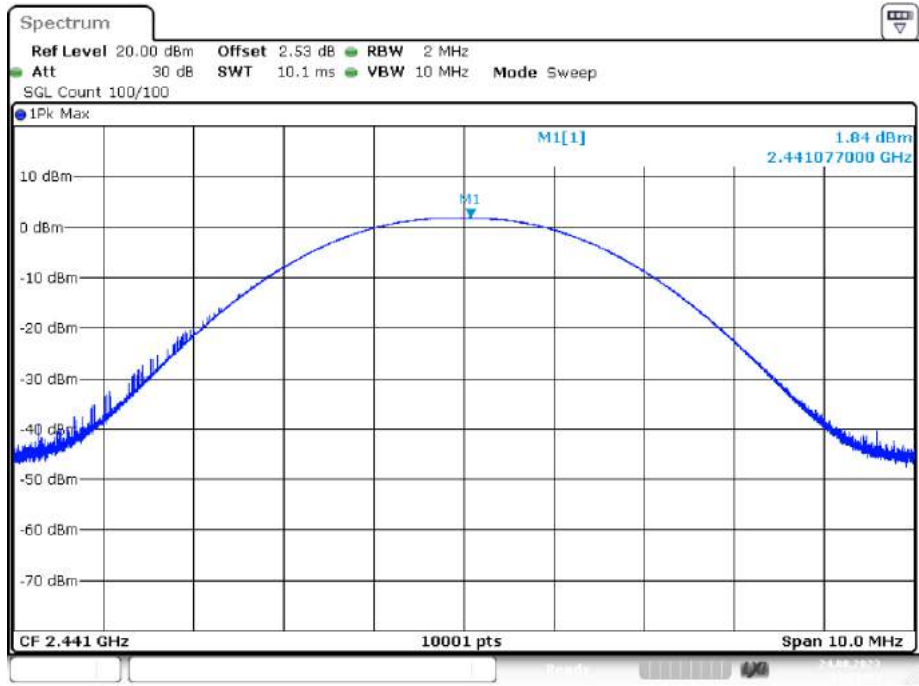
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	3.22	0	3.22	21	Pass
NVNT	1-DH5	2441	Ant1	1.84	0	1.84	21	Pass
NVNT	1-DH5	2480	Ant1	0.59	0	0.59	21	Pass
NVNT	2-DH5	2402	Ant1	3.82	0	3.82	21	Pass
NVNT	2-DH5	2441	Ant1	2.43	0	2.43	21	Pass
NVNT	2-DH5	2480	Ant1	1.18	0	1.18	21	Pass
NVNT	3-DH5	2402	Ant1	4.3	0	4.3	21	Pass
NVNT	3-DH5	2441	Ant1	3.02	0	3.02	21	Pass
NVNT	3-DH5	2480	Ant1	1.84	0	1.84	21	Pass

Test Graphs

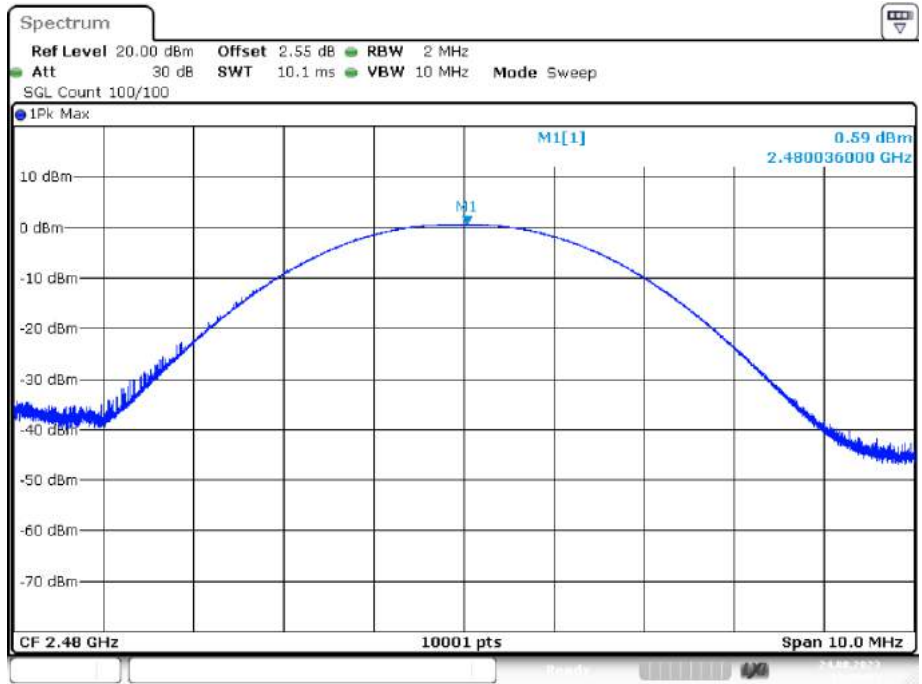
Power NVNT 1-DH5 2402MHz Ant1



Power NVNT 1-DH5 2441MHz Ant1

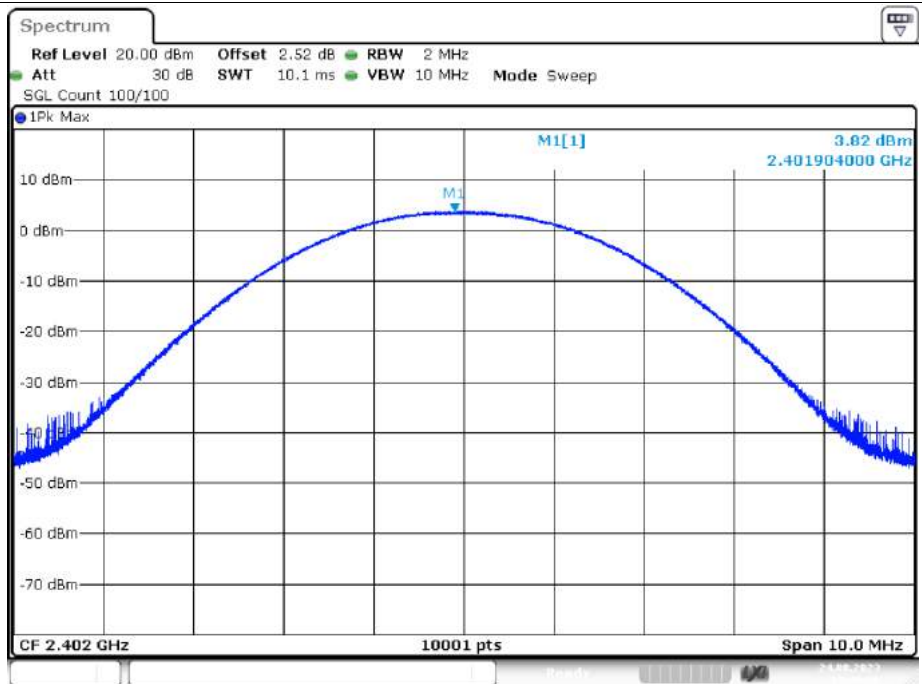


Power NVNT 1-DH5 2480MHz Ant1



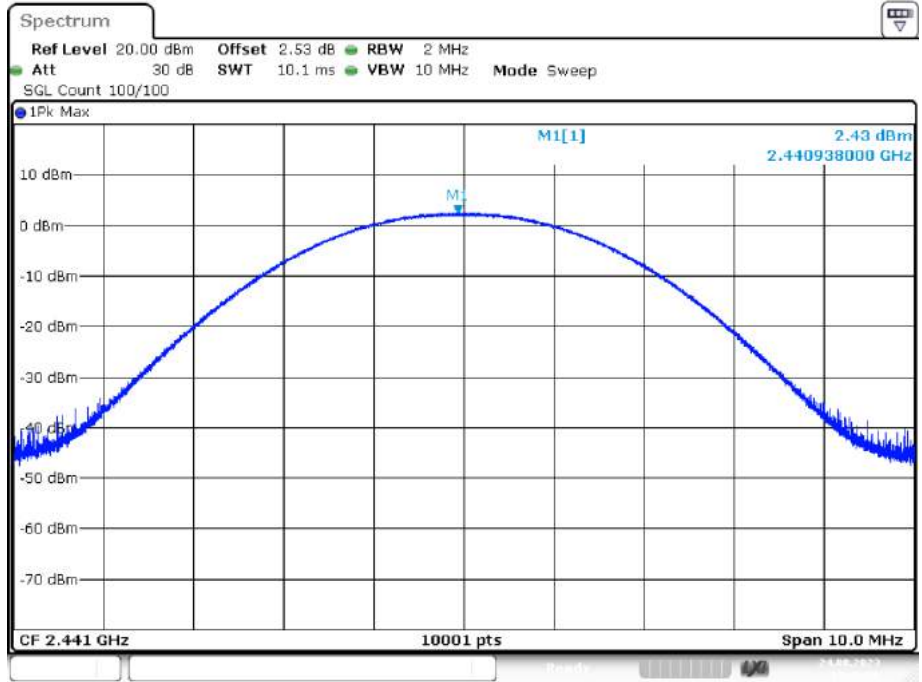
Date: 24.AUG.2023 13:36:03

Power NVNT 2-DH5 2402MHz Ant1



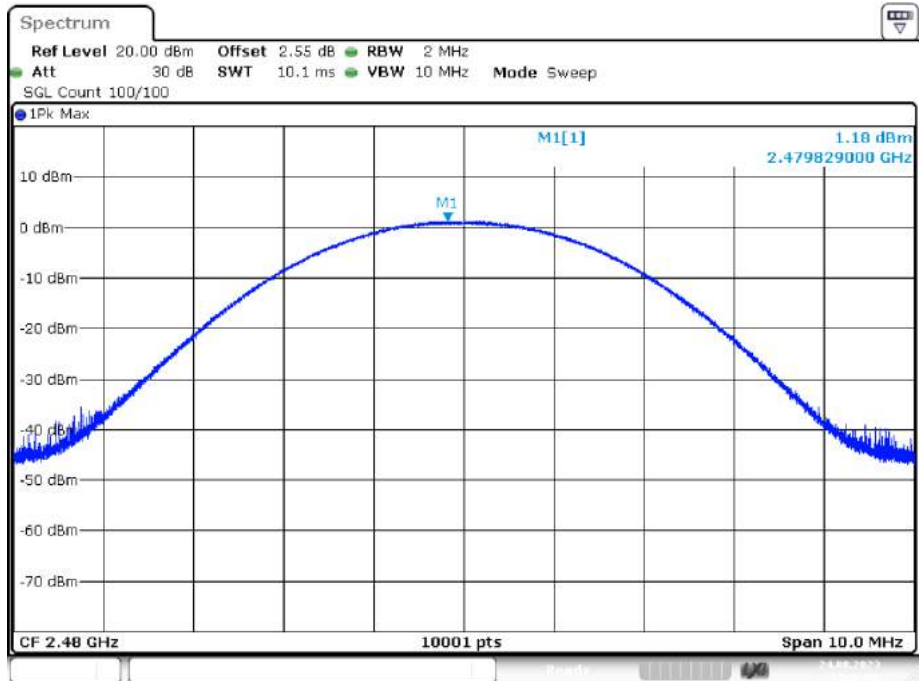
Date: 24.AUG.2023 13:44:39

Power NVNT 2-DH5 2441MHz Ant1



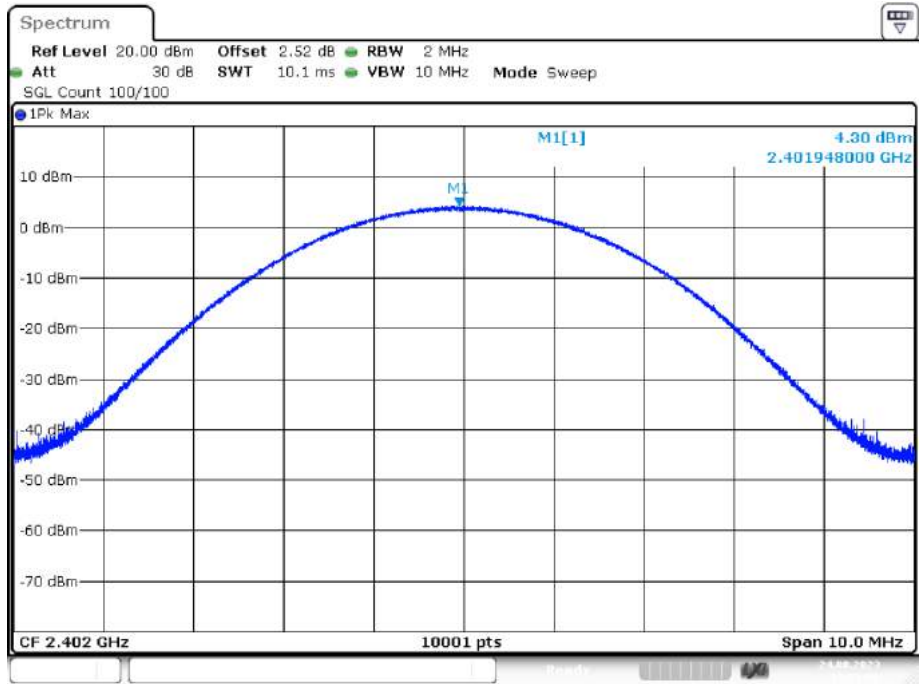
Date: 24.AUG.2023 13:45:59

Power NVNT 2-DH5 2480MHz Ant1



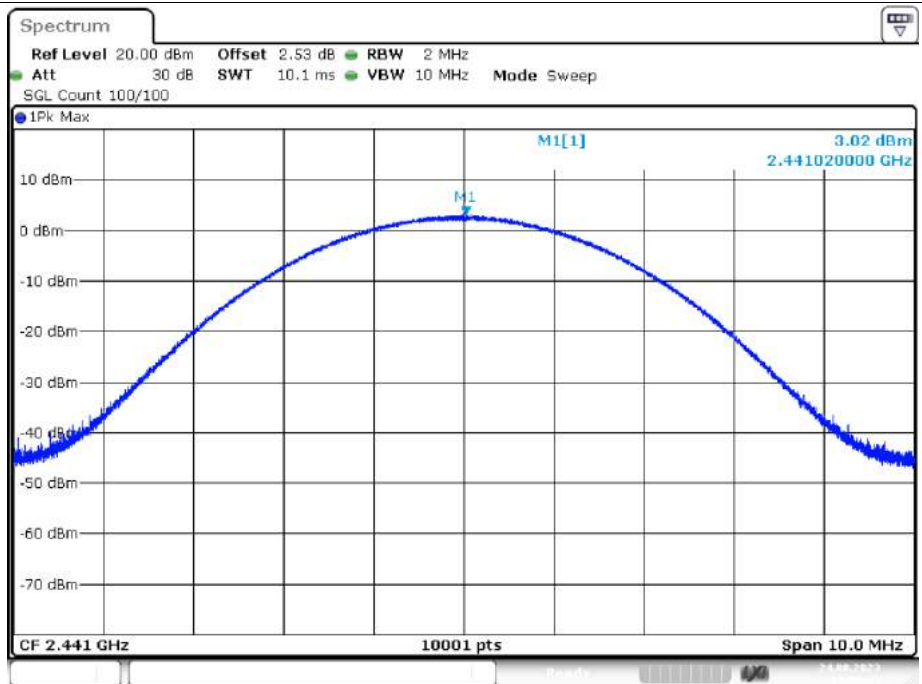
Date: 24.AUG.2023 13:47:08

Power NVNT 3-DH5 2402MHz Ant1



Date: 24.AUG.2023 13:55:02

Power NVNT 3-DH5 2441MHz Ant1



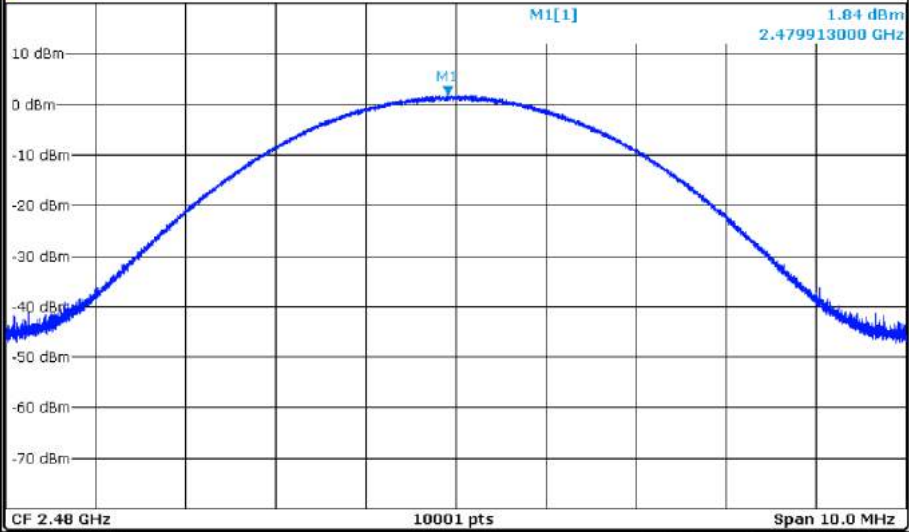
Date: 24.AUG.2023 13:56:13

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



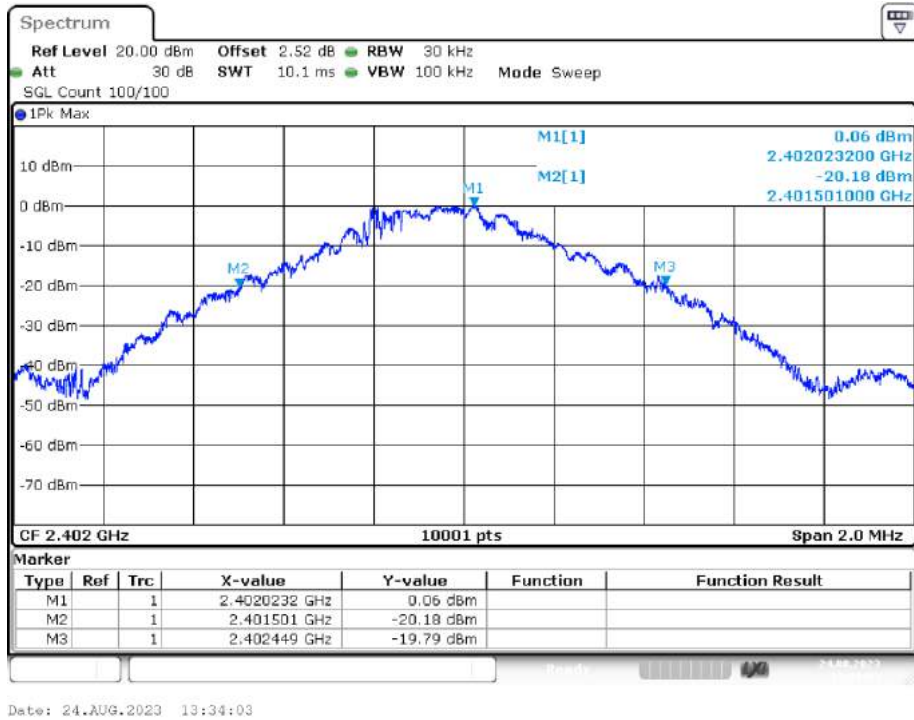
Date: 24.AUG.2023 13:57:29

-20dB Bandwidth

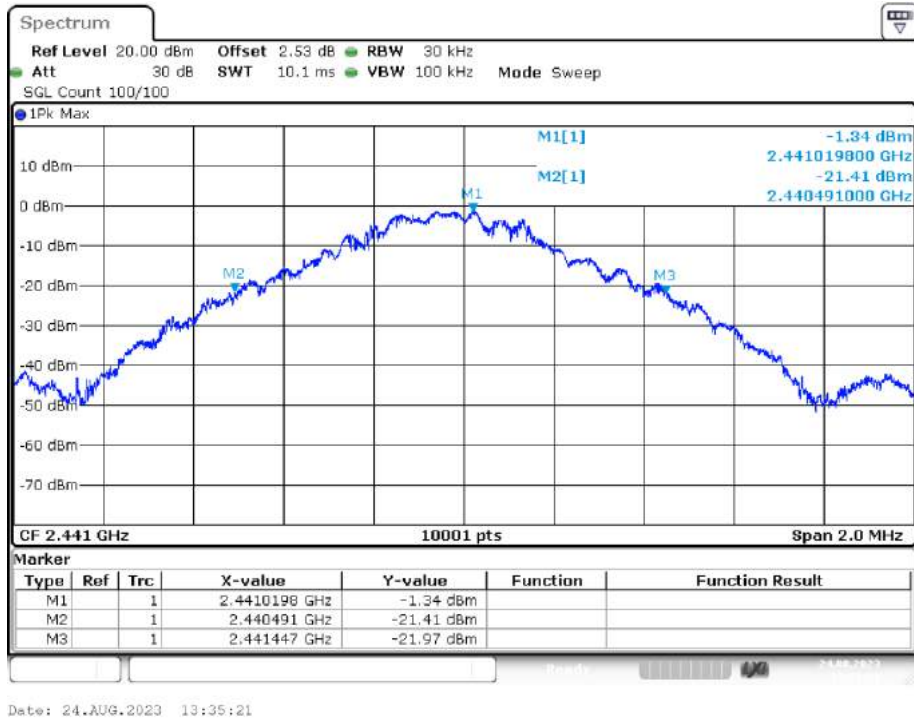
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.948	0	Pass
NVNT	1-DH5	2441	Ant1	0.955	0	Pass
NVNT	1-DH5	2480	Ant1	0.954	0	Pass
NVNT	2-DH5	2402	Ant1	1.285	0	Pass
NVNT	2-DH5	2441	Ant1	1.281	0	Pass
NVNT	2-DH5	2480	Ant1	1.283	0	Pass
NVNT	3-DH5	2402	Ant1	1.307	0	Pass
NVNT	3-DH5	2441	Ant1	1.3	0	Pass
NVNT	3-DH5	2480	Ant1	1.301	0	Pass

Test Graphs

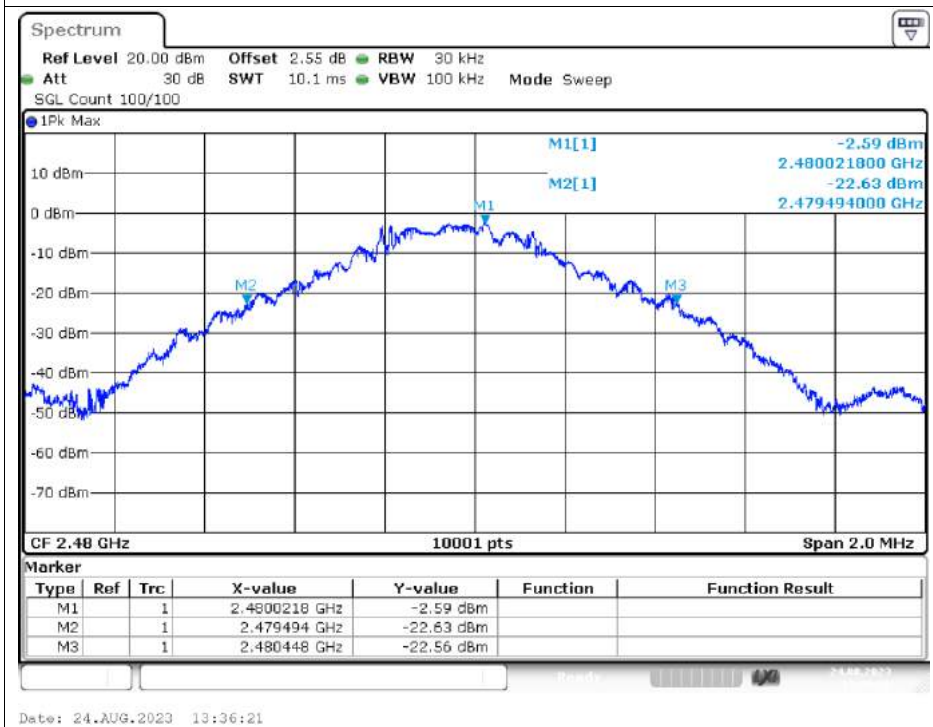
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



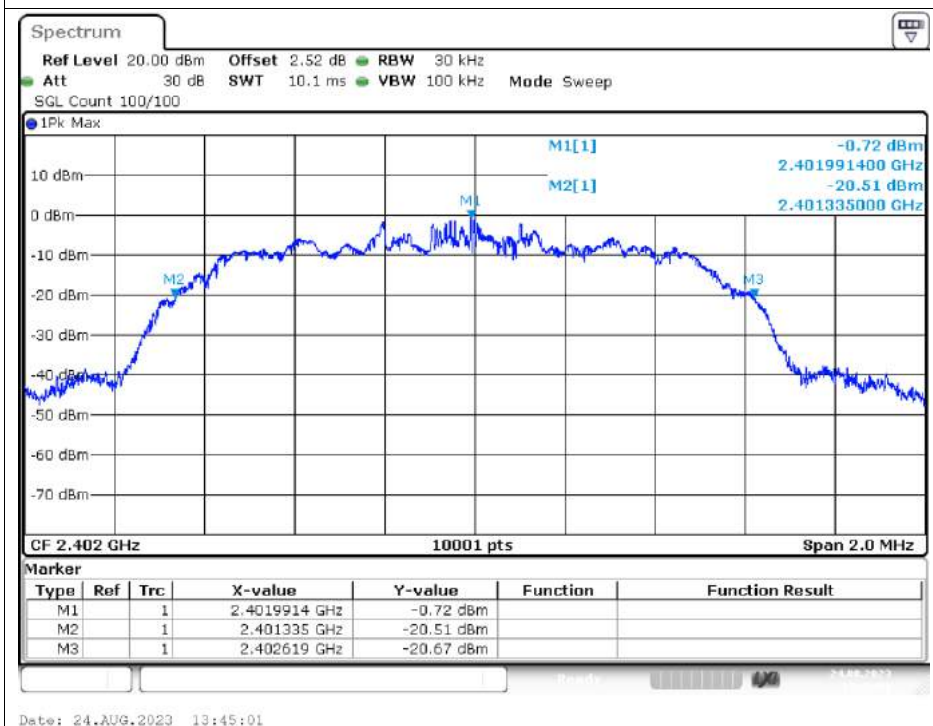
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



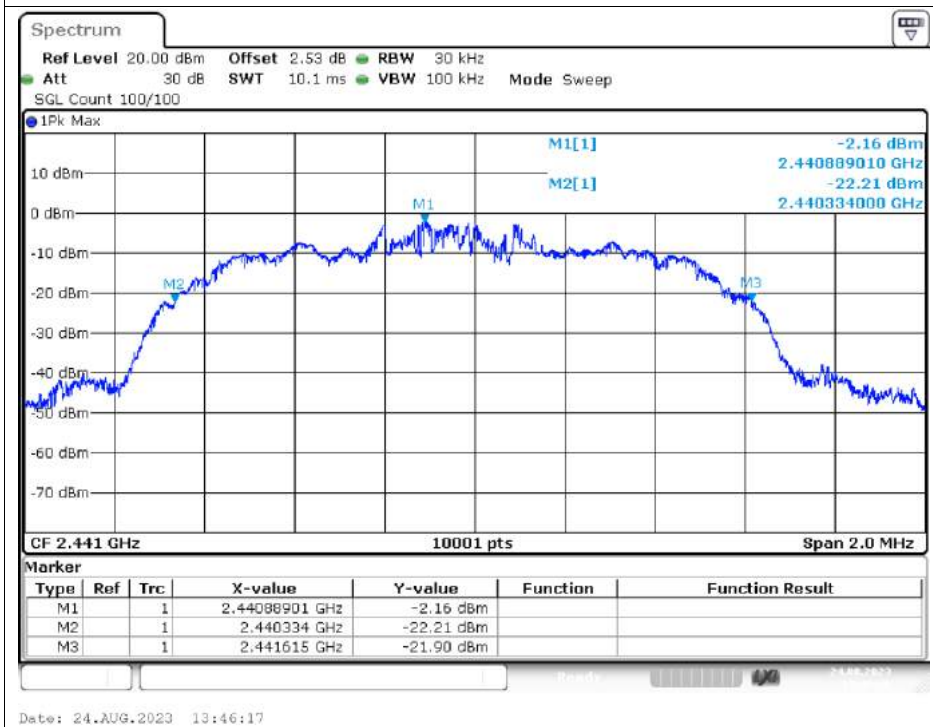
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



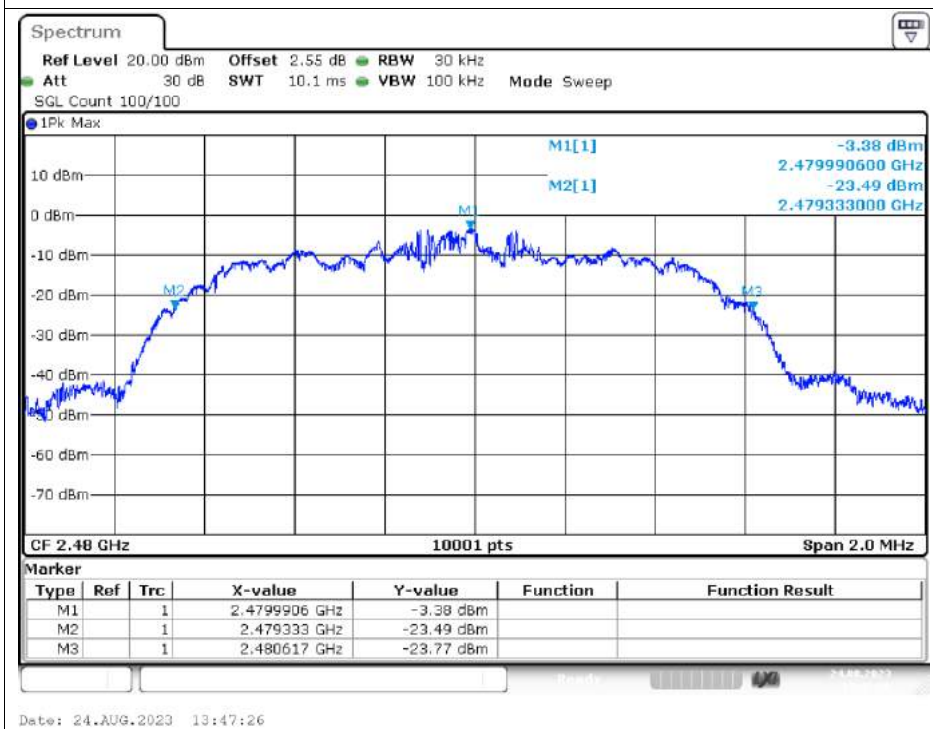
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



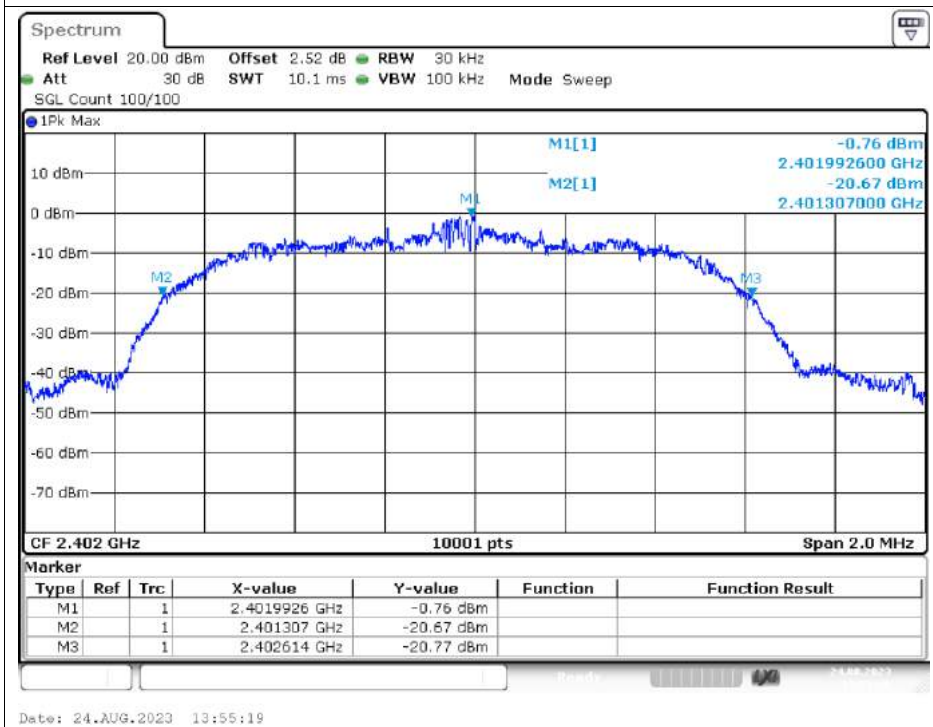
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



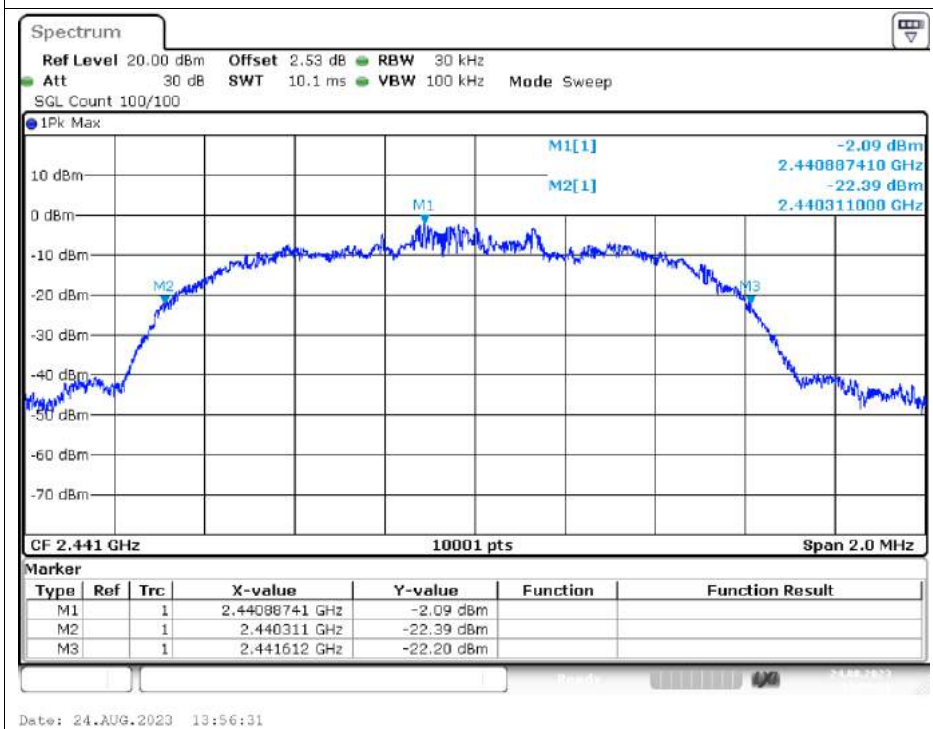
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



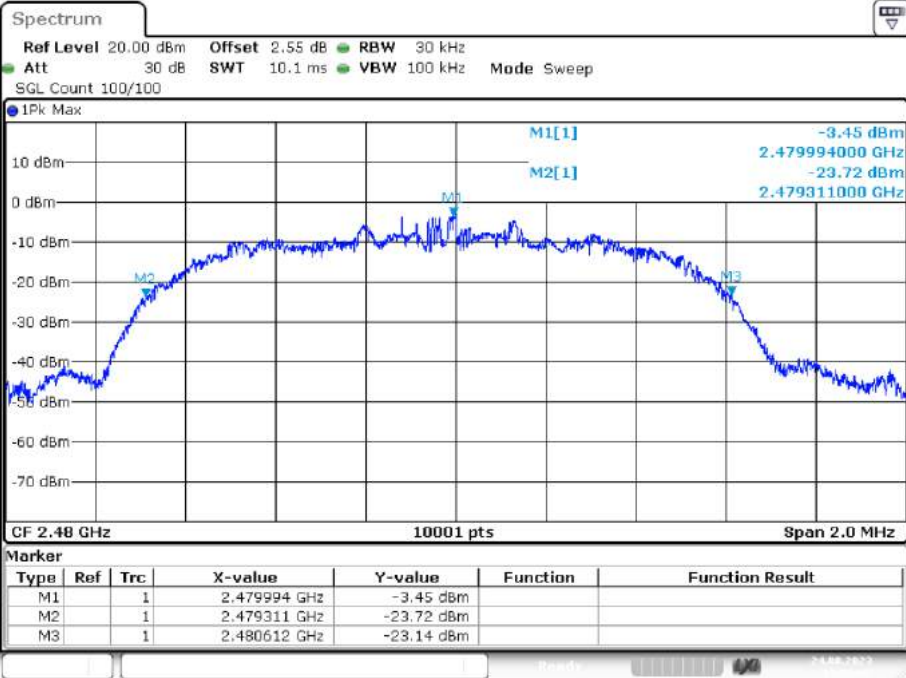
-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1



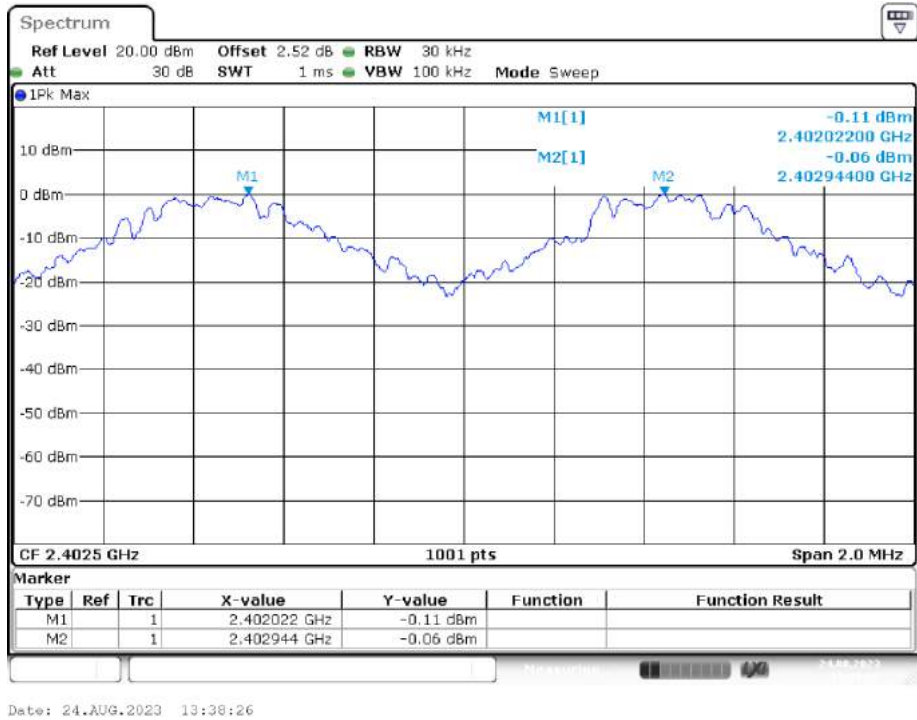
Date: 24.AUG.2023 13:57:47

Carrier Frequencies Separation

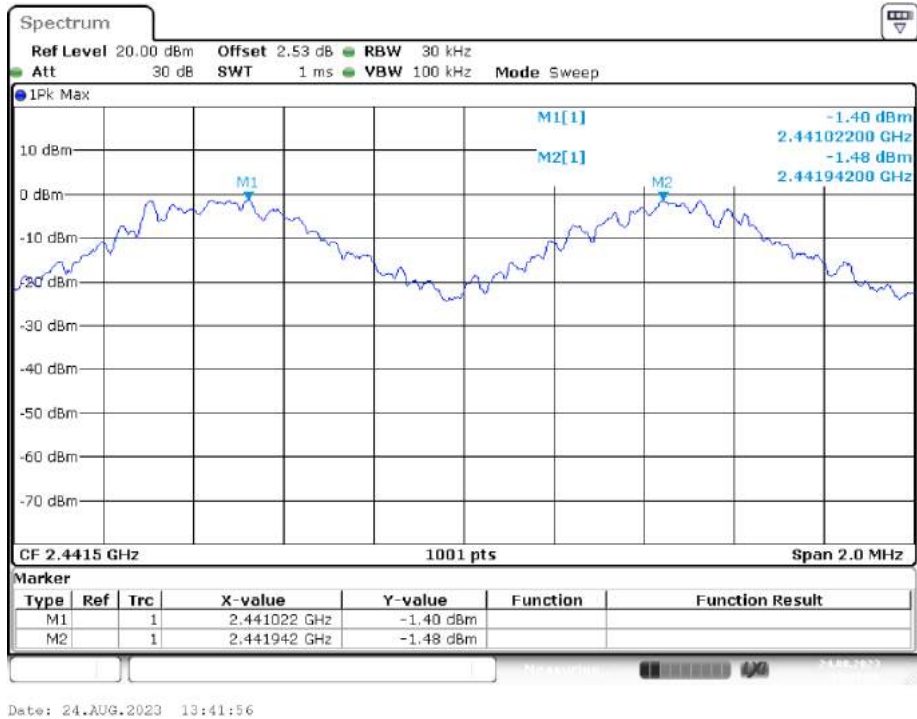
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.022	2402.944	0.922	0.632	Pass
NVNT	1-DH5	Ant1	2441.022	2441.942	0.92	0.637	Pass
NVNT	1-DH5	Ant1	2478.942	2480.022	1.08	0.636	Pass
NVNT	2-DH5	Ant1	2402.094	2403.092	0.998	0.857	Pass
NVNT	2-DH5	Ant1	2441.094	2442.082	0.988	0.854	Pass
NVNT	2-DH5	Ant1	2479.088	2479.988	0.9	0.855	Pass
NVNT	3-DH5	Ant1	2401.992	2403.064	1.072	0.871	Pass
NVNT	3-DH5	Ant1	2440.88	2442.034	1.154	0.867	Pass
NVNT	3-DH5	Ant1	2478.998	2479.926	0.928	0.867	Pass

Test Graphs

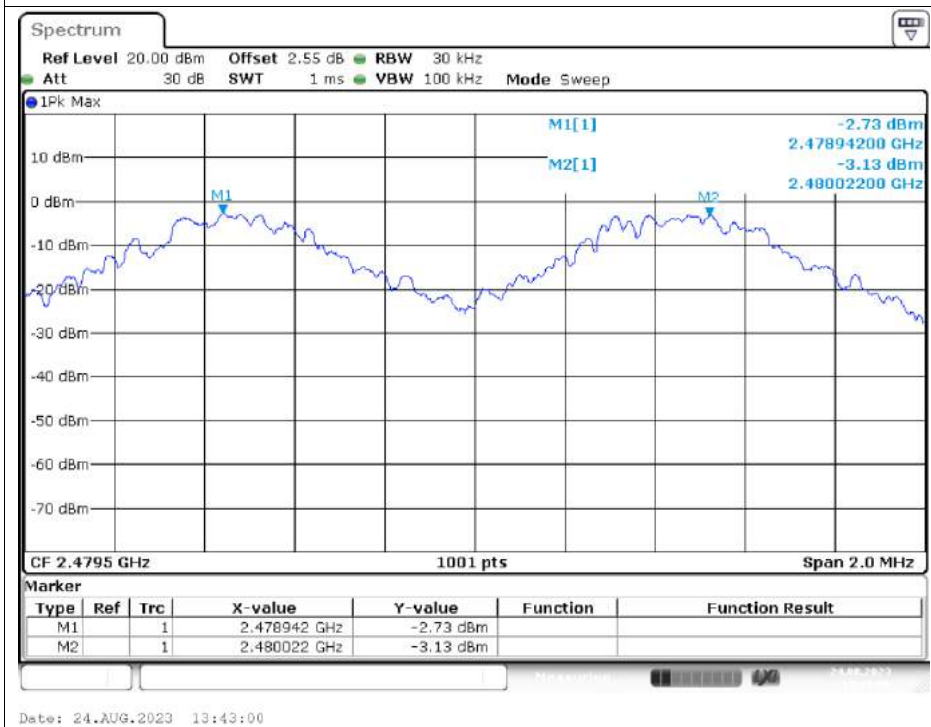
CFS NVNT 1-DH5 2402MHz Ant1



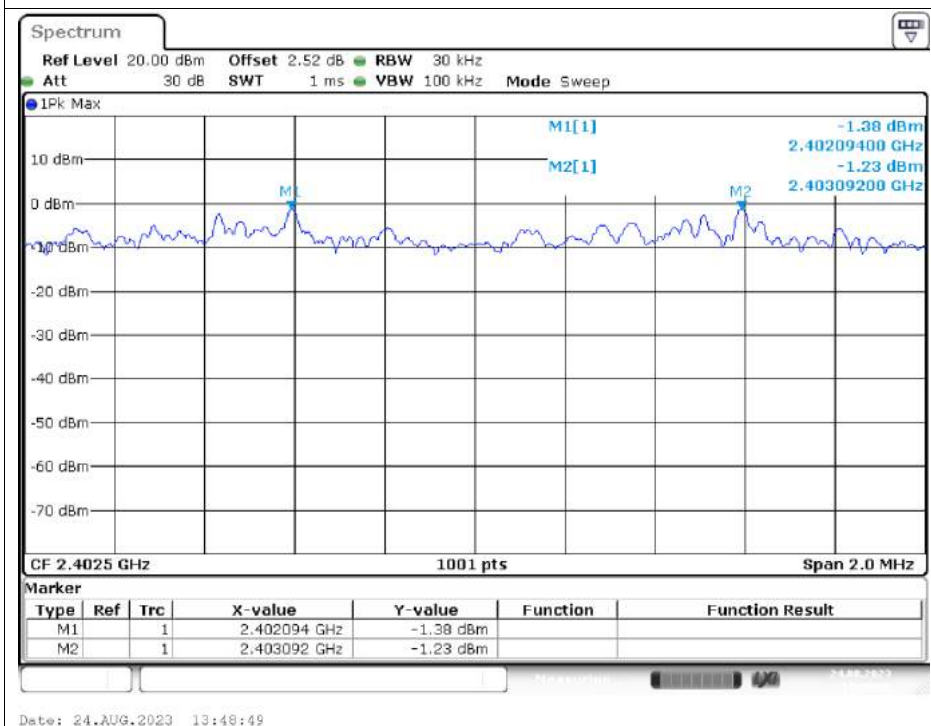
CFS NVNT 1-DH5 2441MHz Ant1



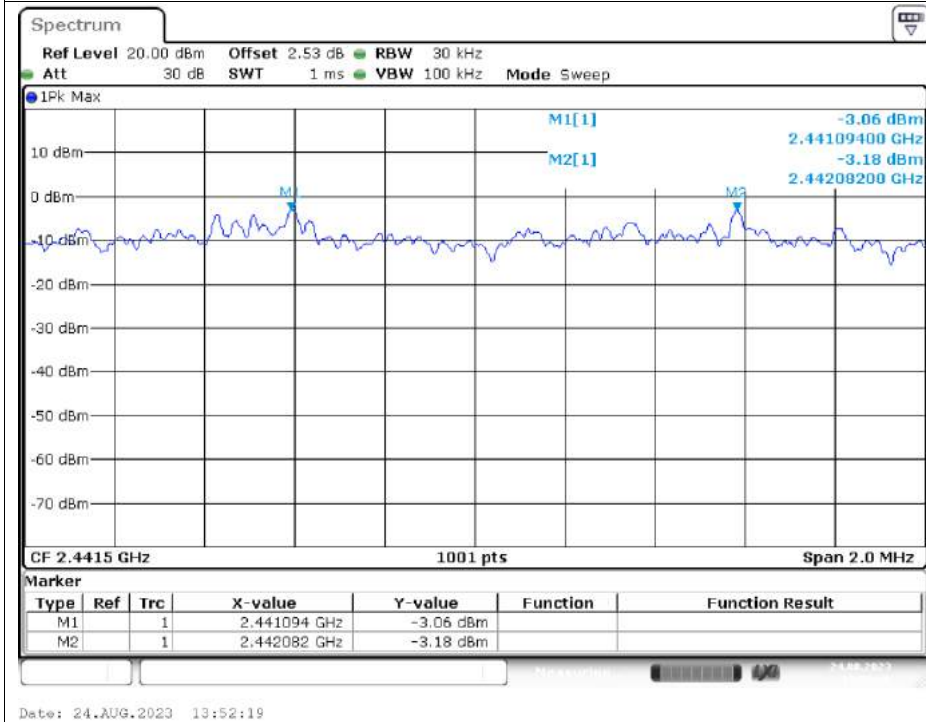
CFS NVNT 1-DH5 2480MHz Ant1



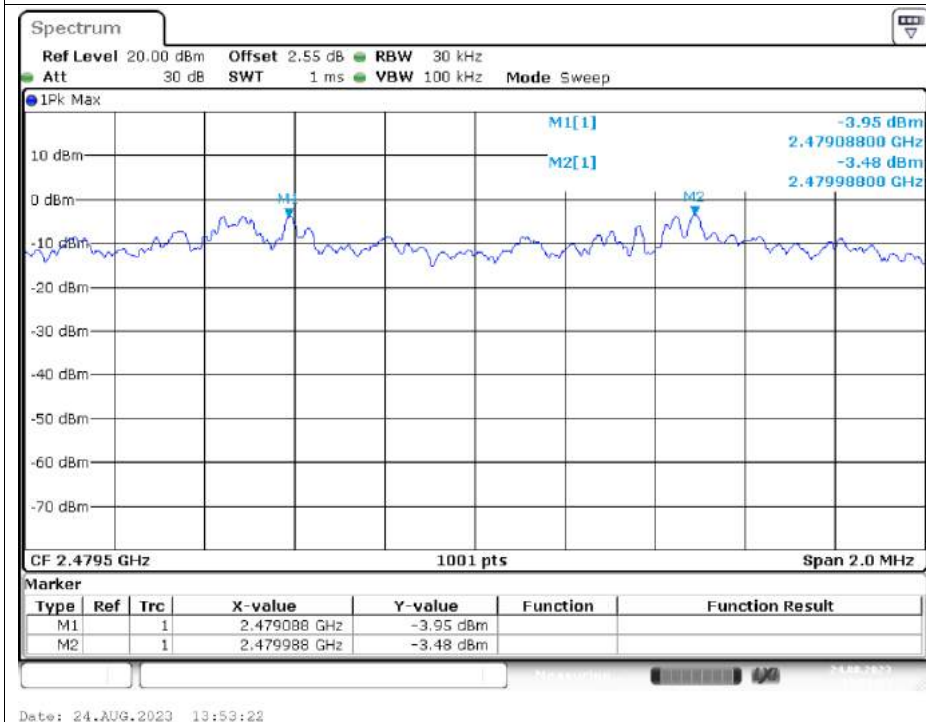
CFS NVNT 2-DH5 2402MHz Ant1



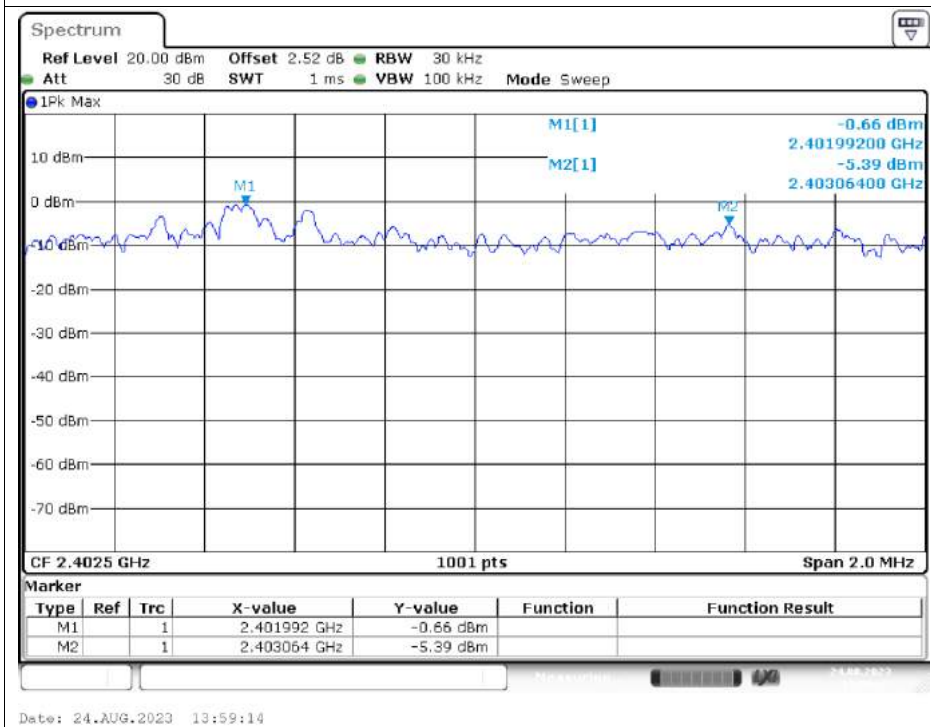
CFS NVNT 2-DH5 2441MHz Ant1



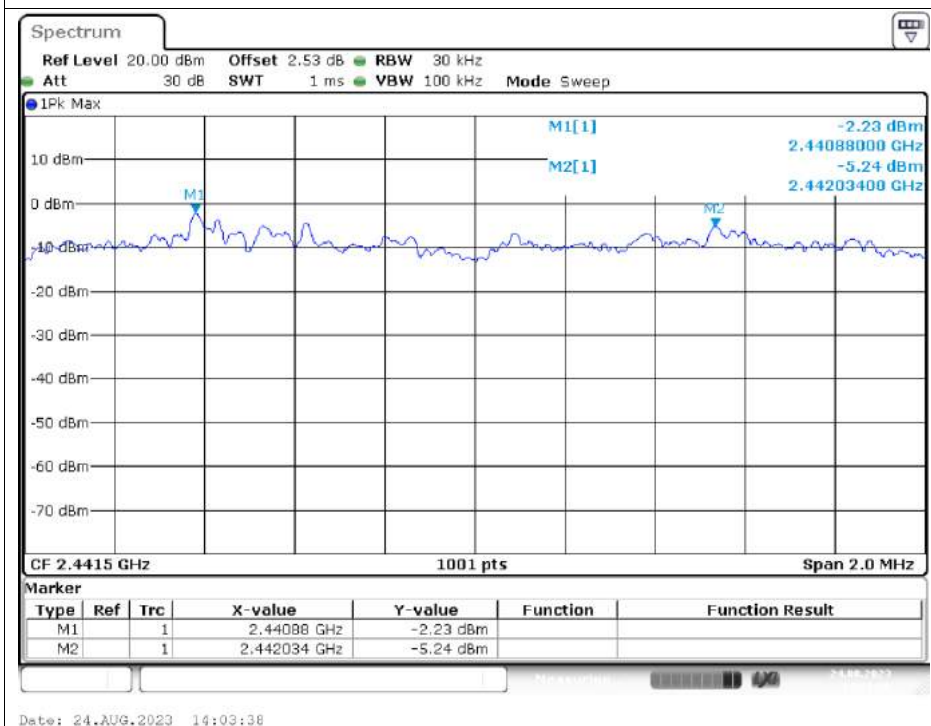
CFS NVNT 2-DH5 2480MHz Ant1



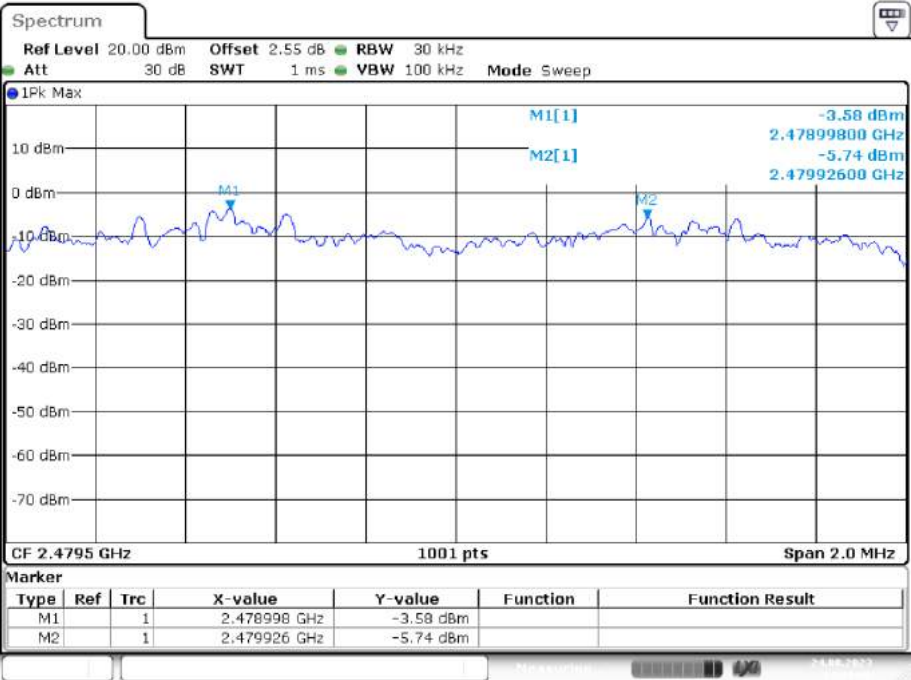
CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1



CFS NVNT 3-DH5 2480MHz Ant1



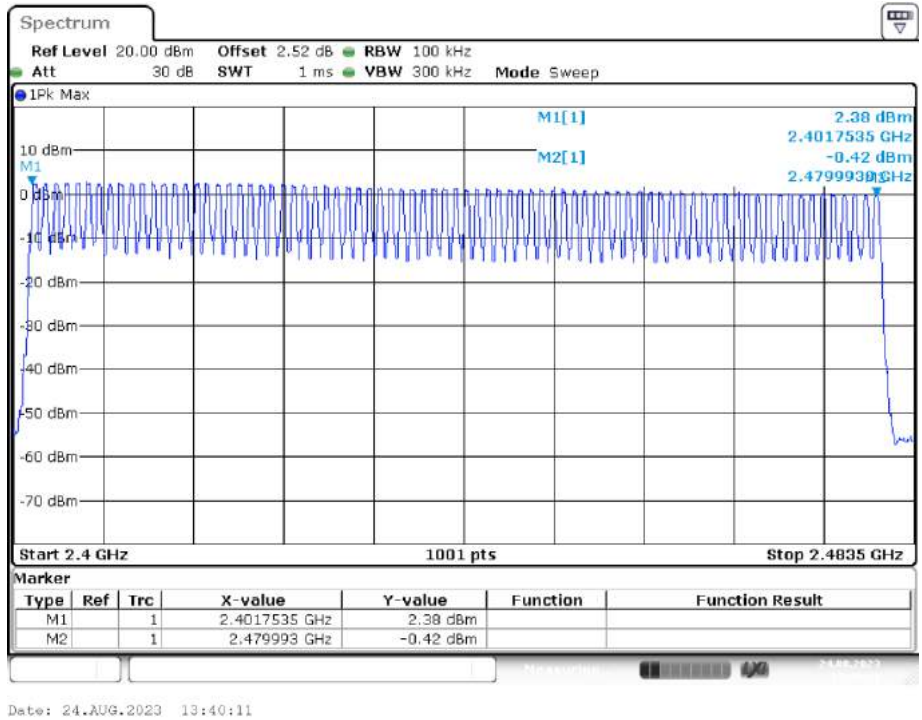
Date: 24.AUG.2023 14:04:42

Number of Hopping Channel

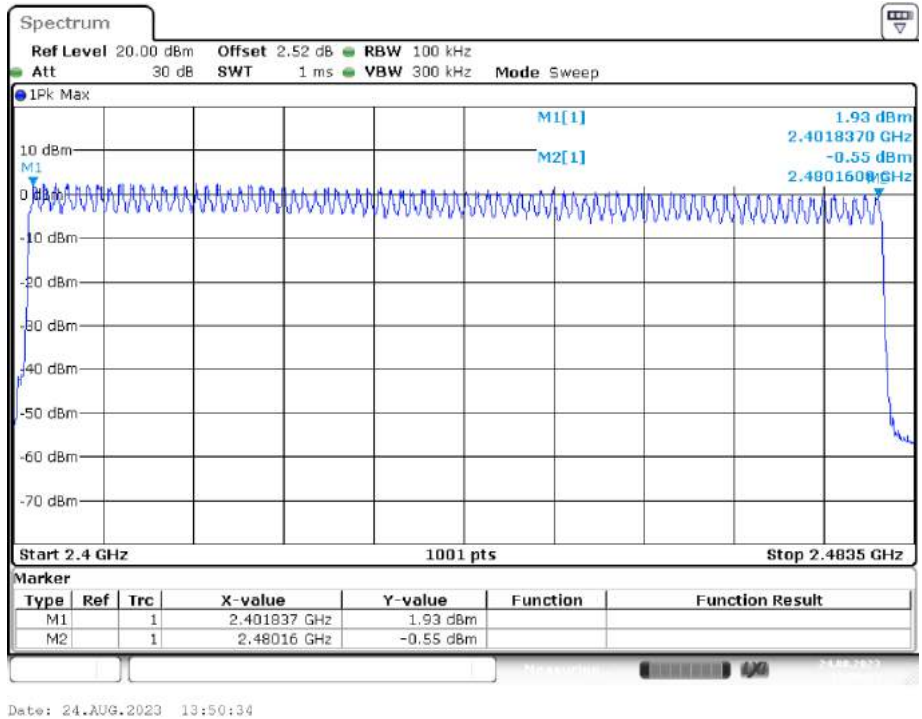
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

Test Graphs

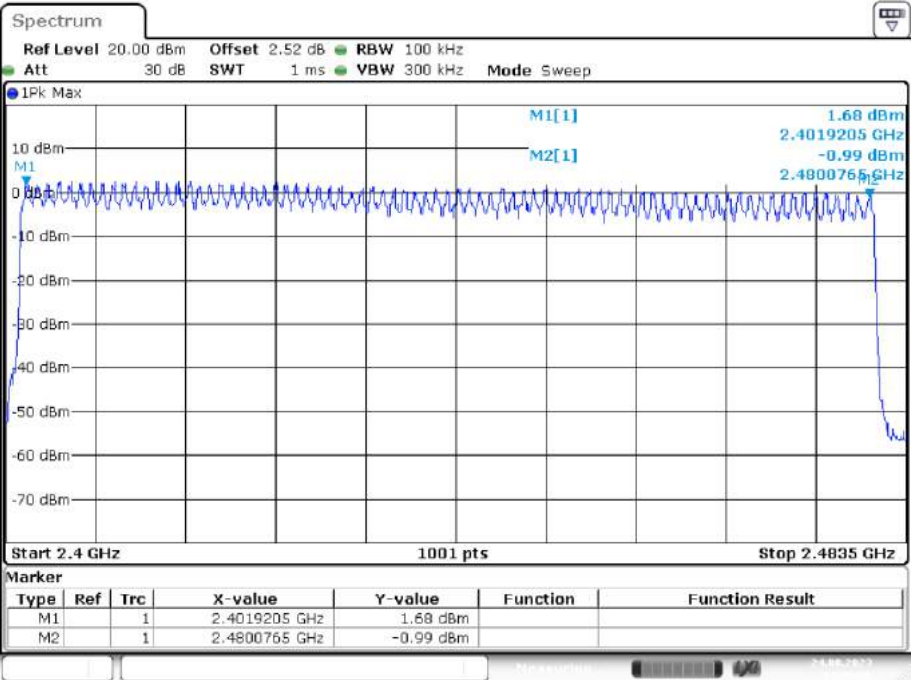
Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



Hopping No. NVNT 3-DH5 2402MHz Ant1

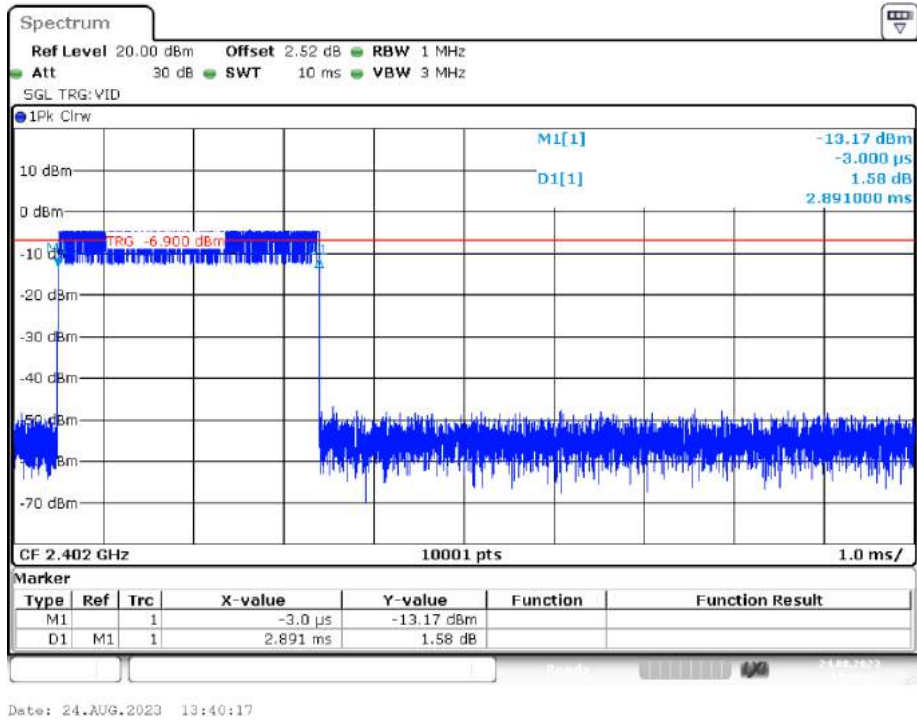


Dwell Time

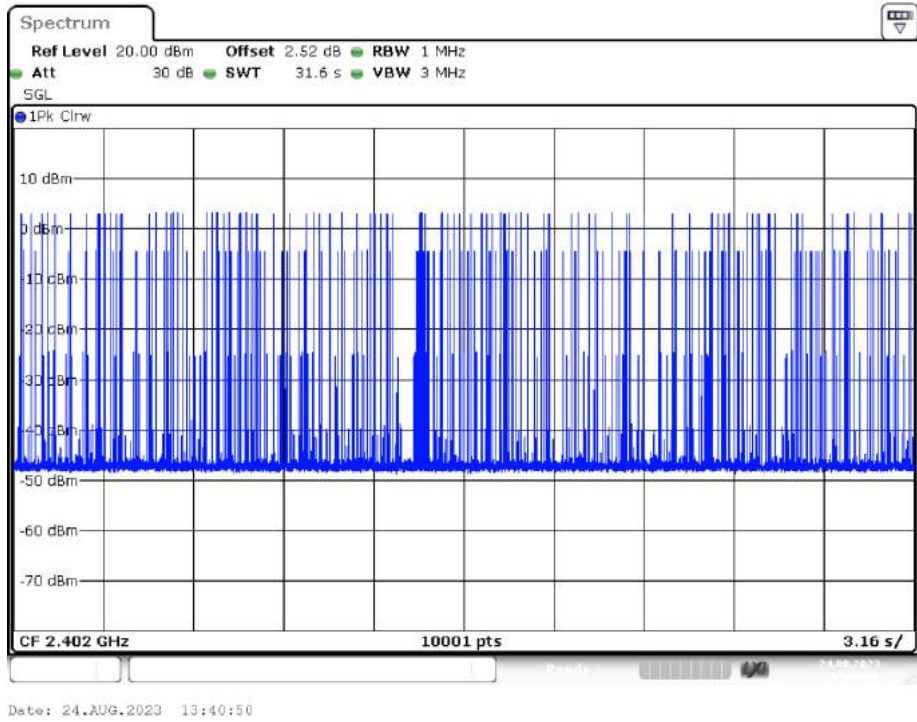
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.891	309.337	107	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.891	257.299	89	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.89	291.89	101	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.896	286.704	99	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.895	266.34	92	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.899	301.496	104	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.902	325.024	112	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.898	315.882	109	31600	400	Pass
NVNT	3-DH5	2480	Ant1	2.901	290.1	100	31600	400	Pass

Test Graphs

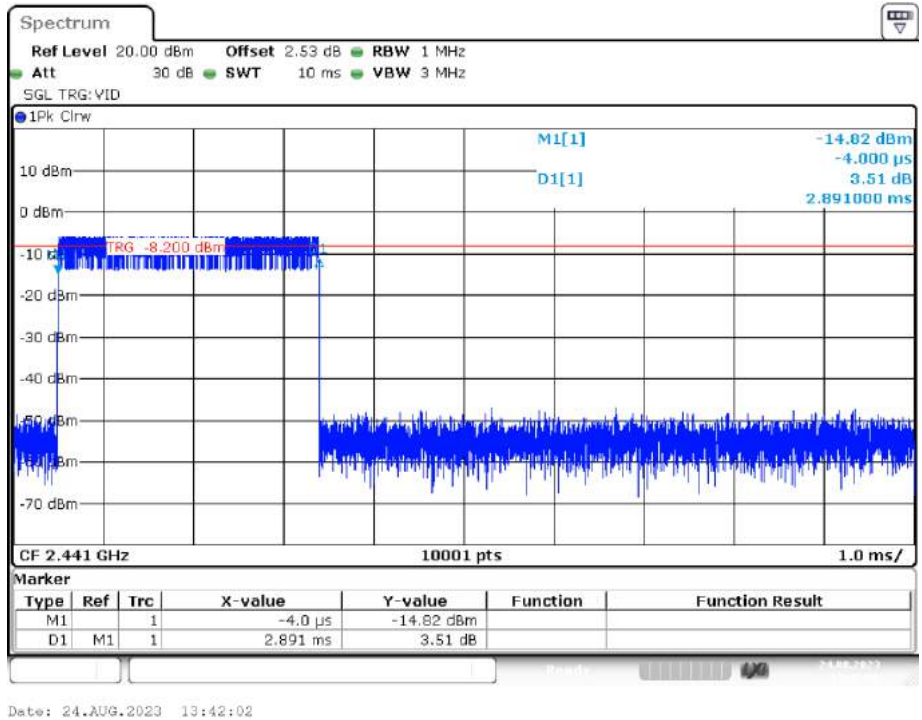
Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



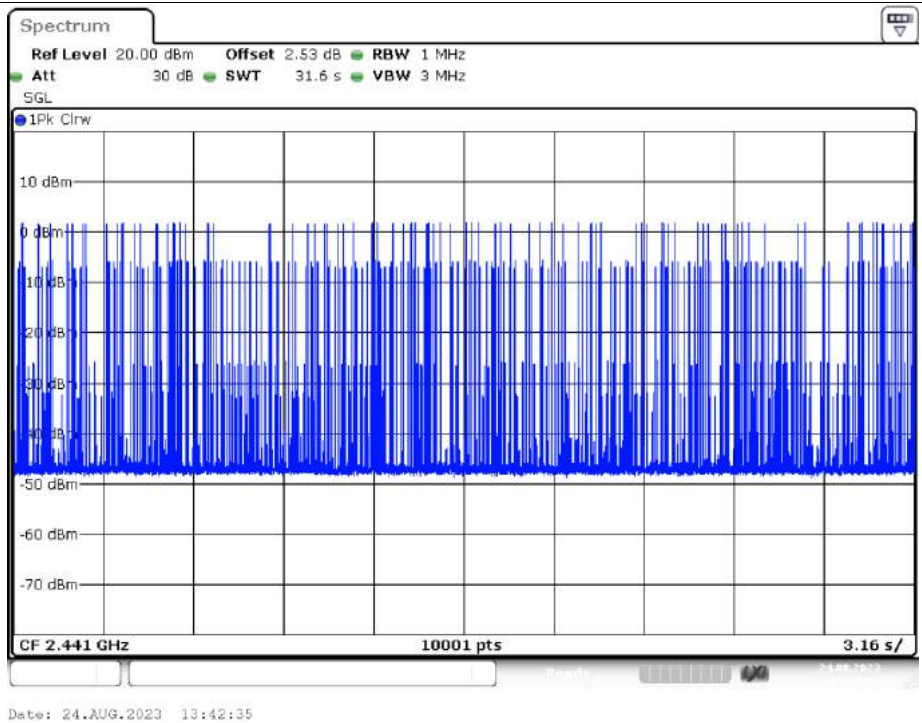
Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



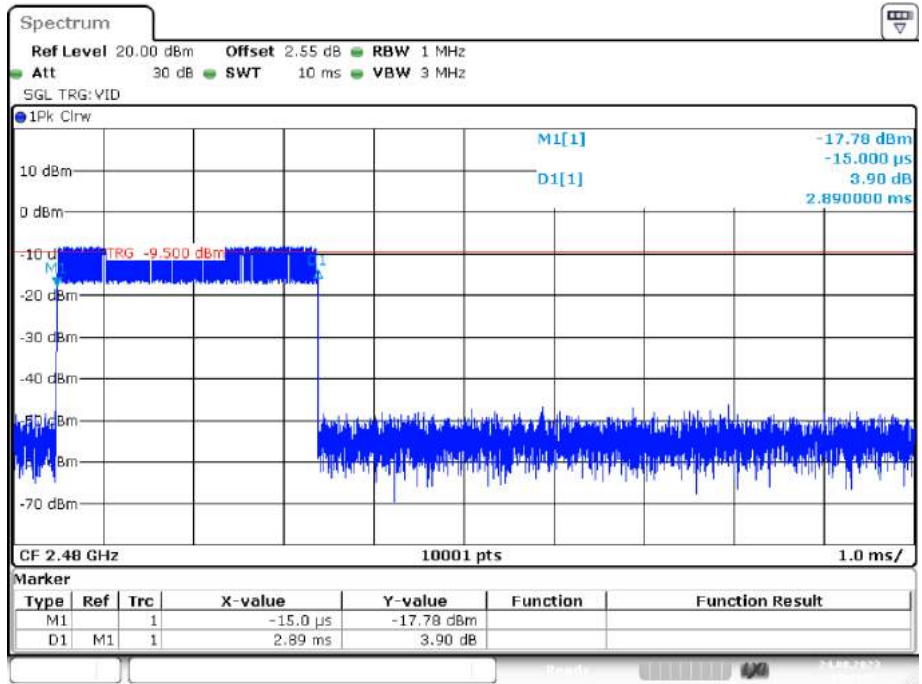
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated

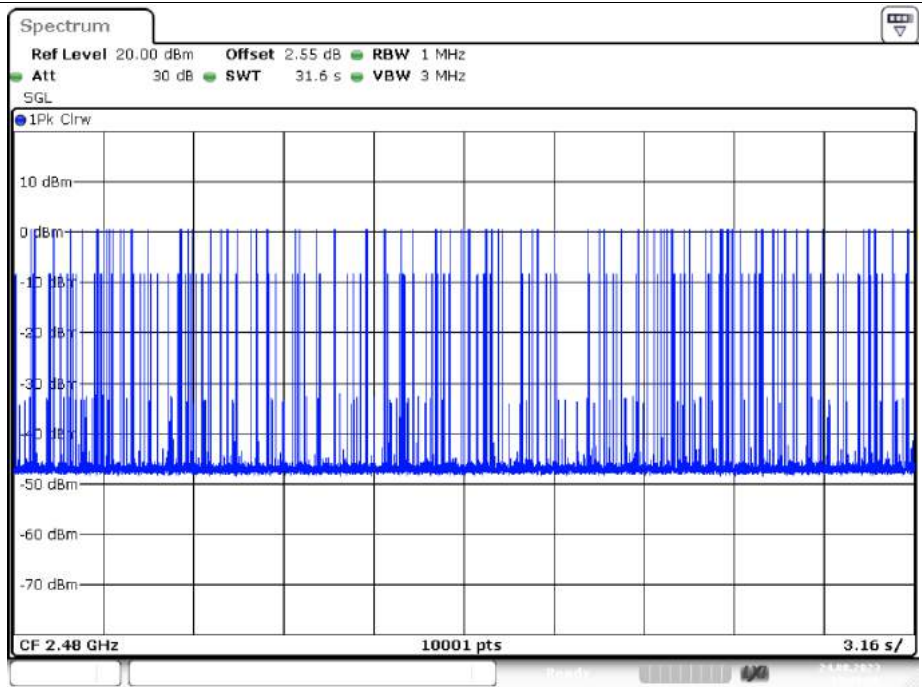


Dwell NVNT 1-DH5 2480MHz Ant1 One Burst



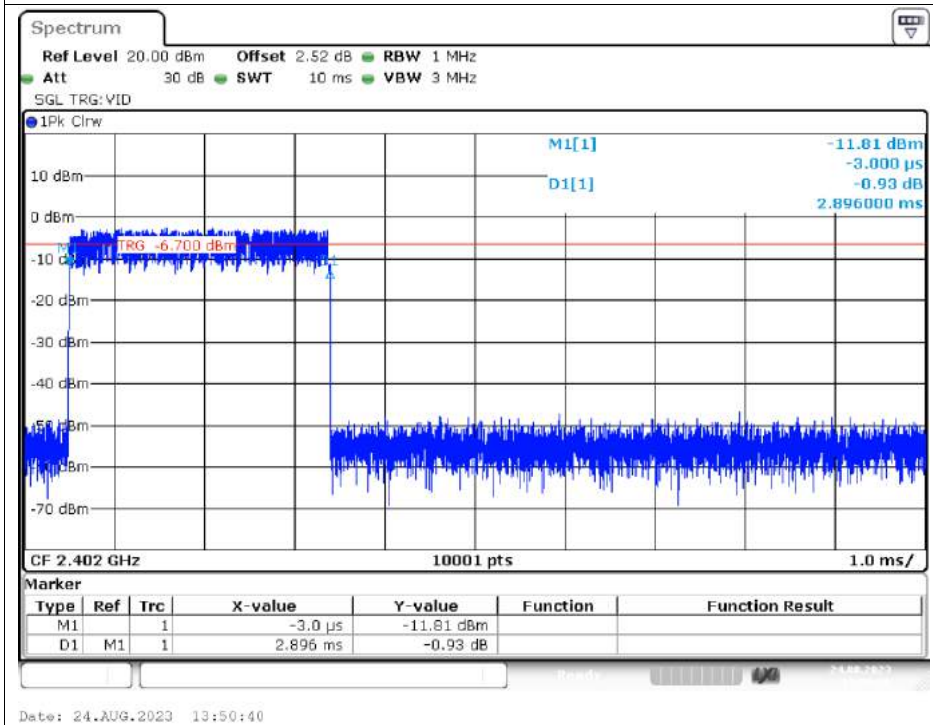
Date: 24.AUG.2023 13:43:05

Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated

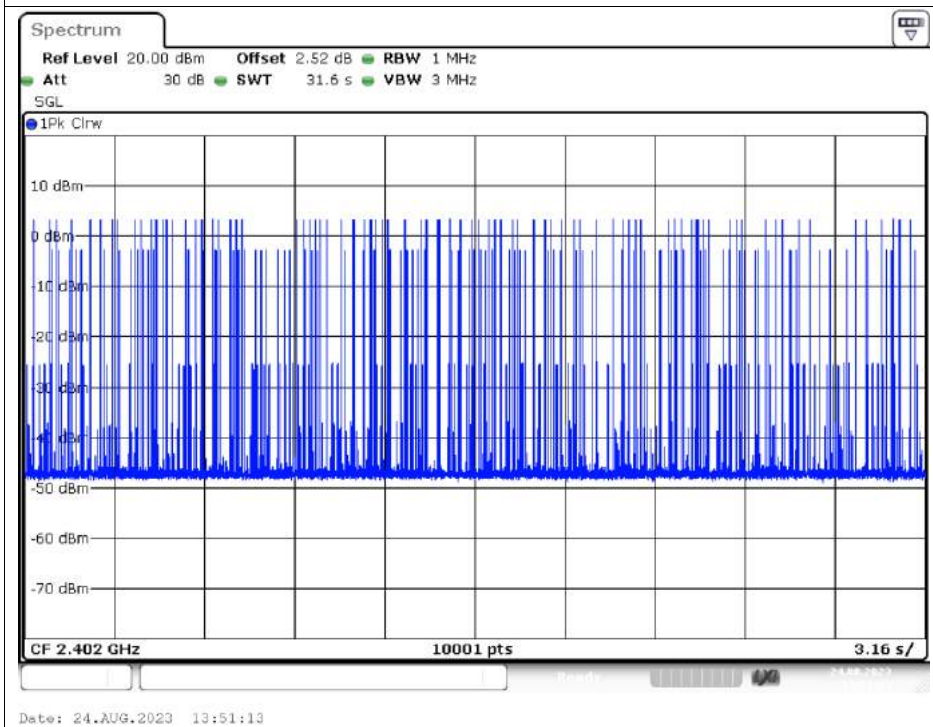


Date: 24.AUG.2023 13:43:39

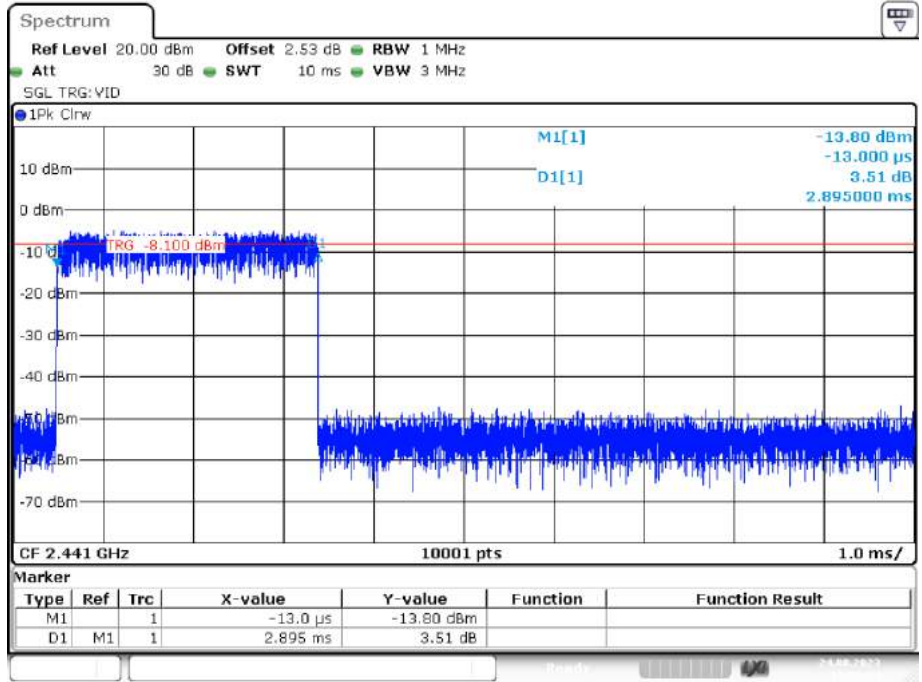
Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated

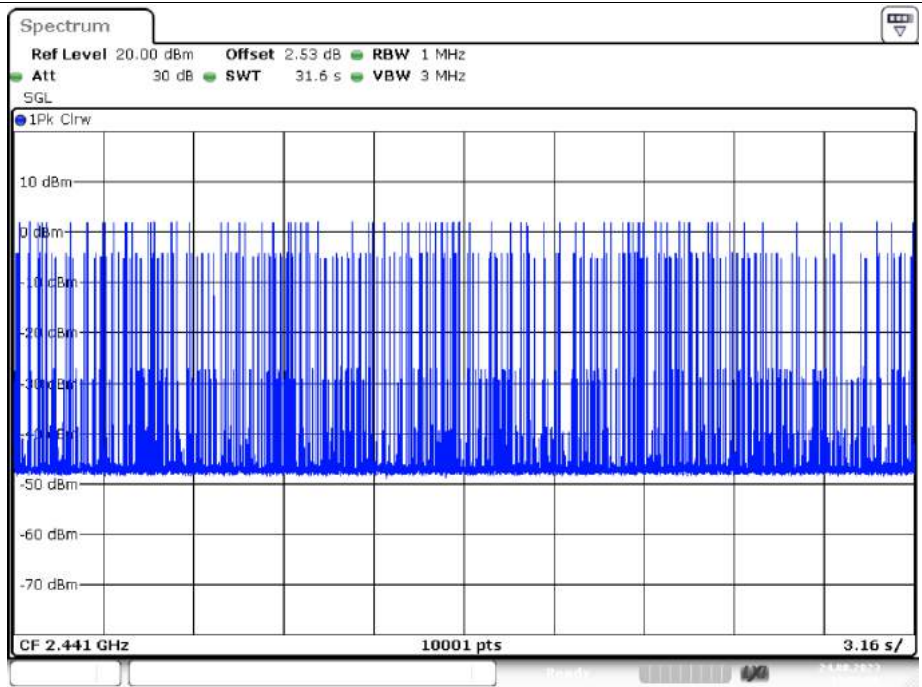


Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



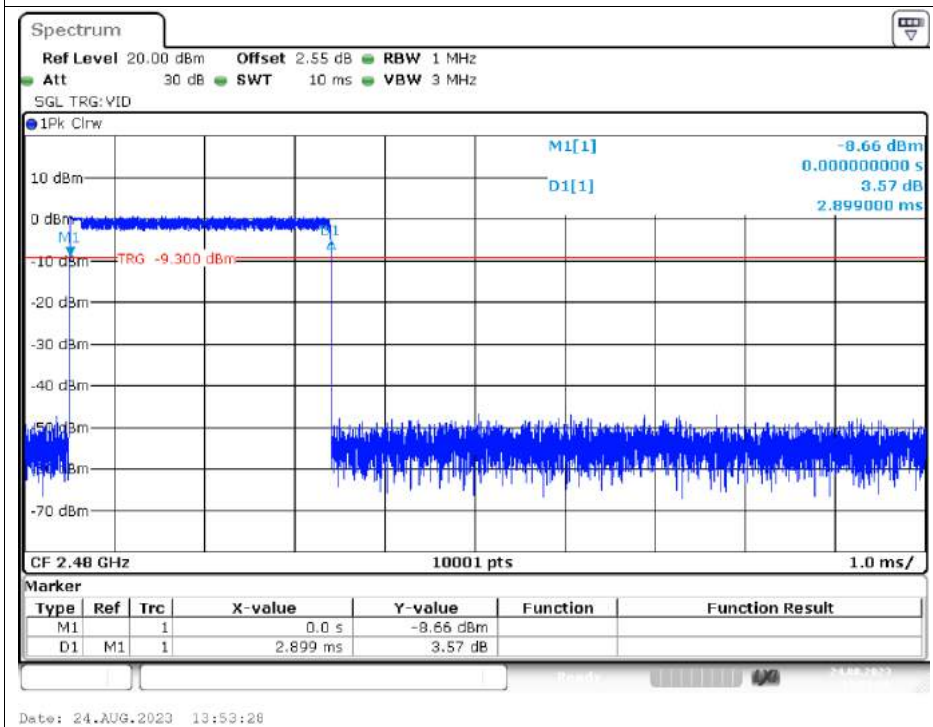
Date: 24.AUG.2023 13:52:25

Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated

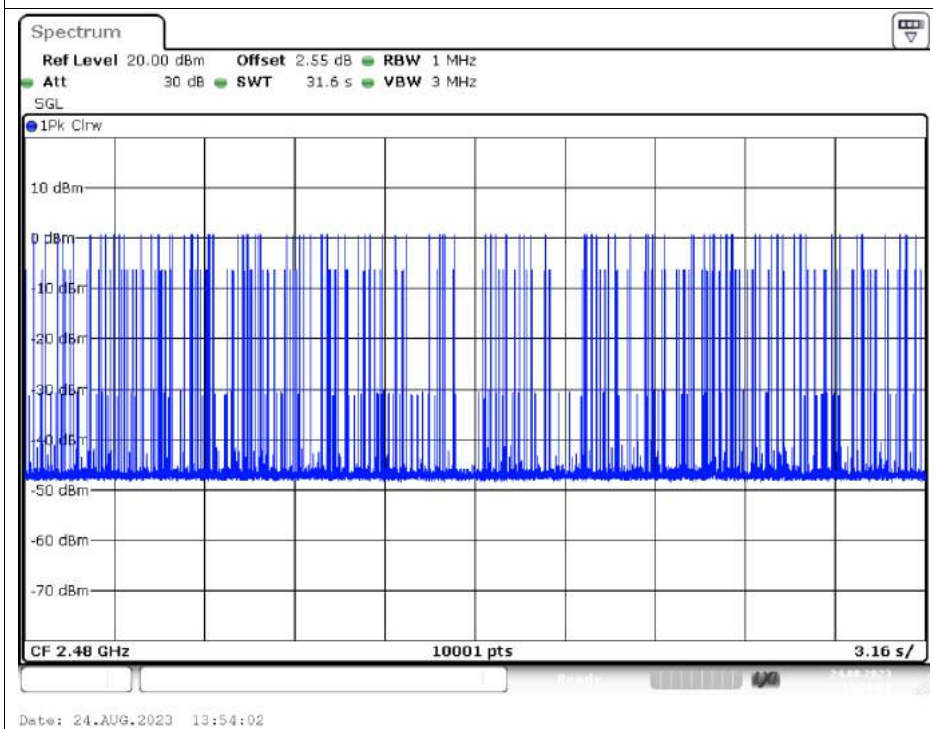


Date: 24.AUG.2023 13:52:58

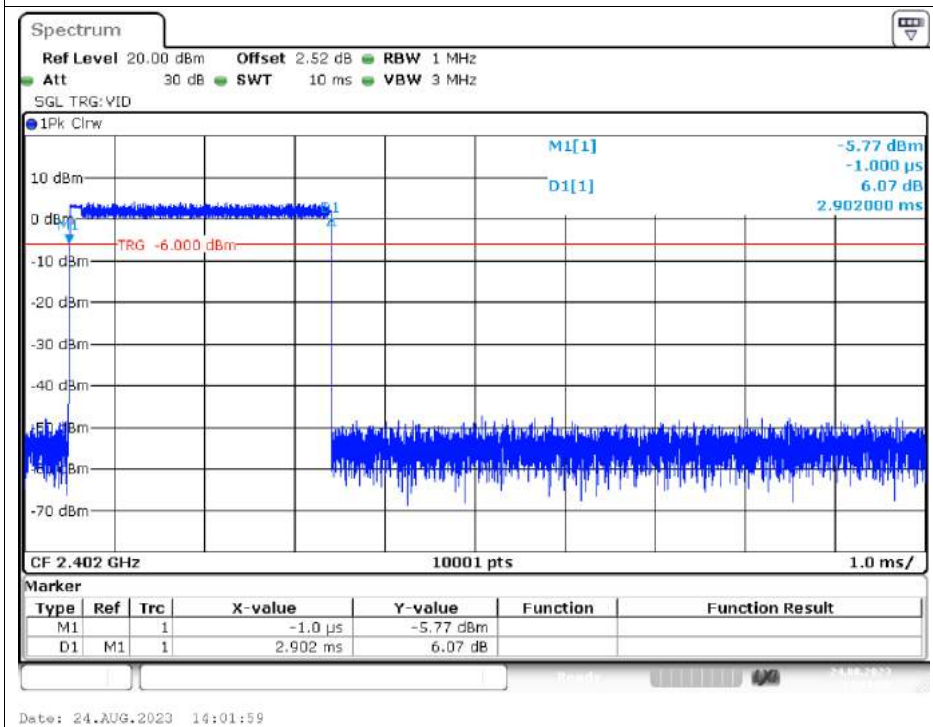
Dwell NVNT 2-DH5 2480MHz Ant1 One Burst



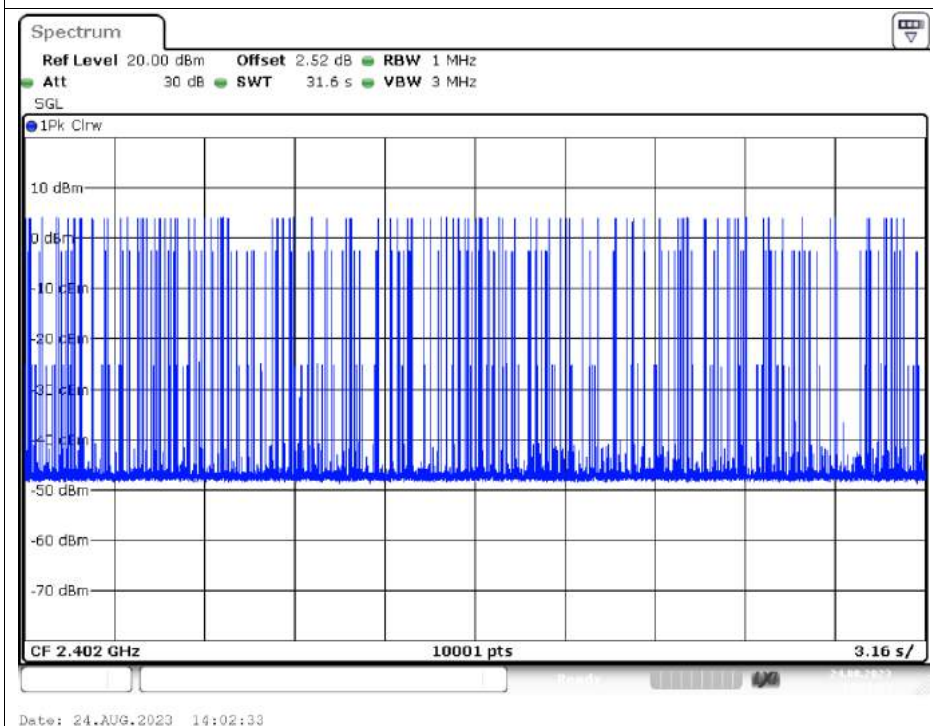
Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated



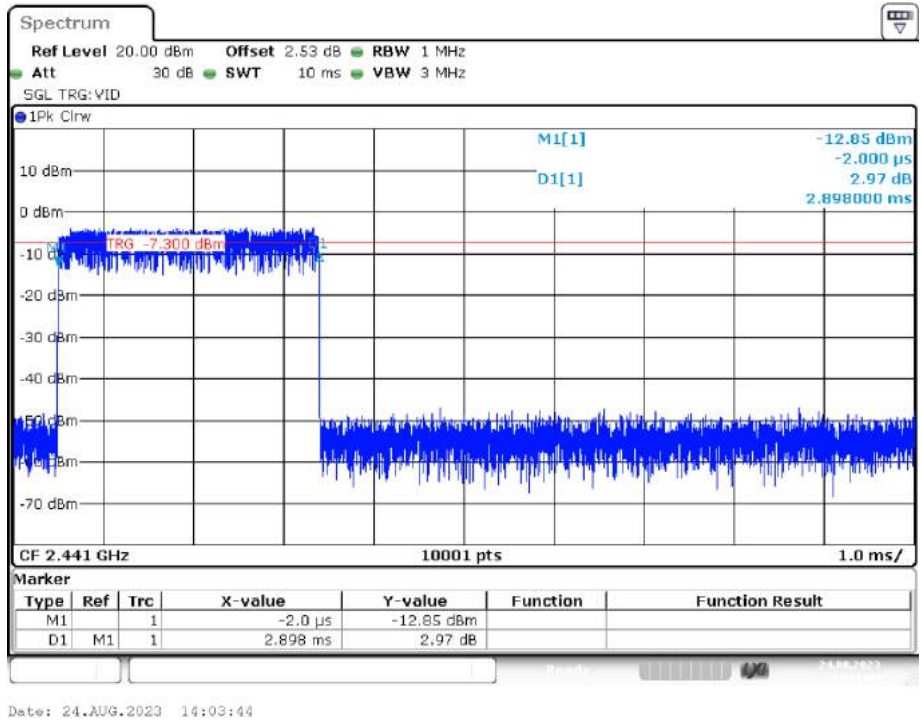
Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



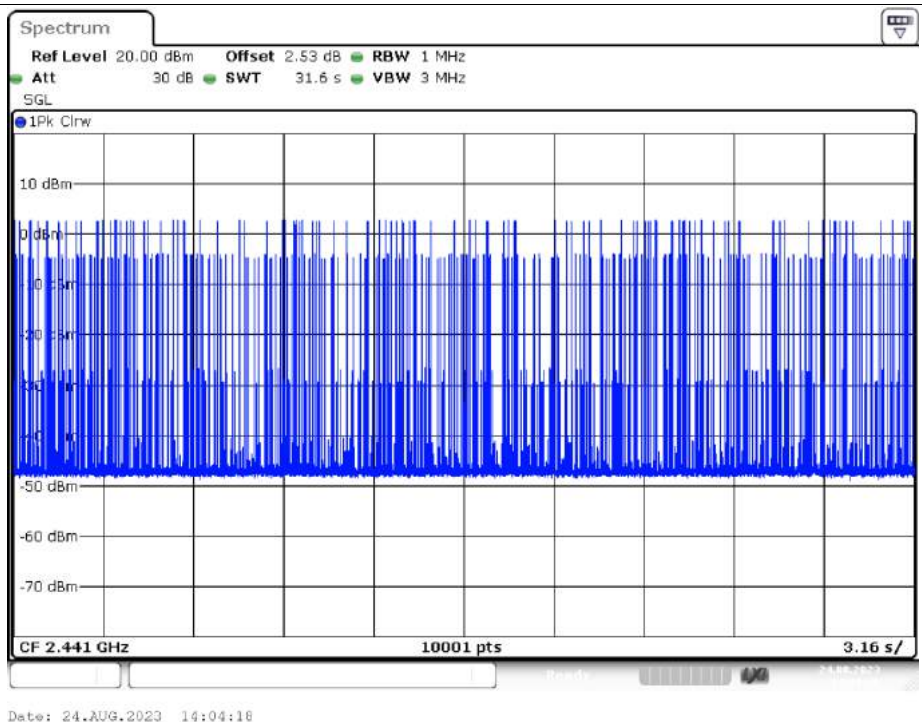
Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated



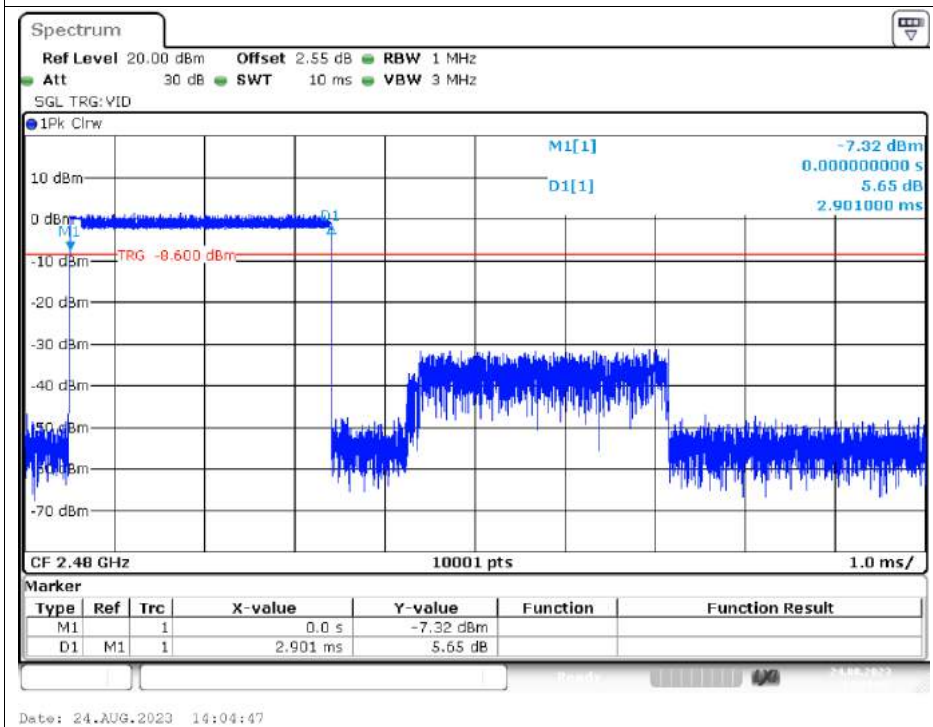
Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



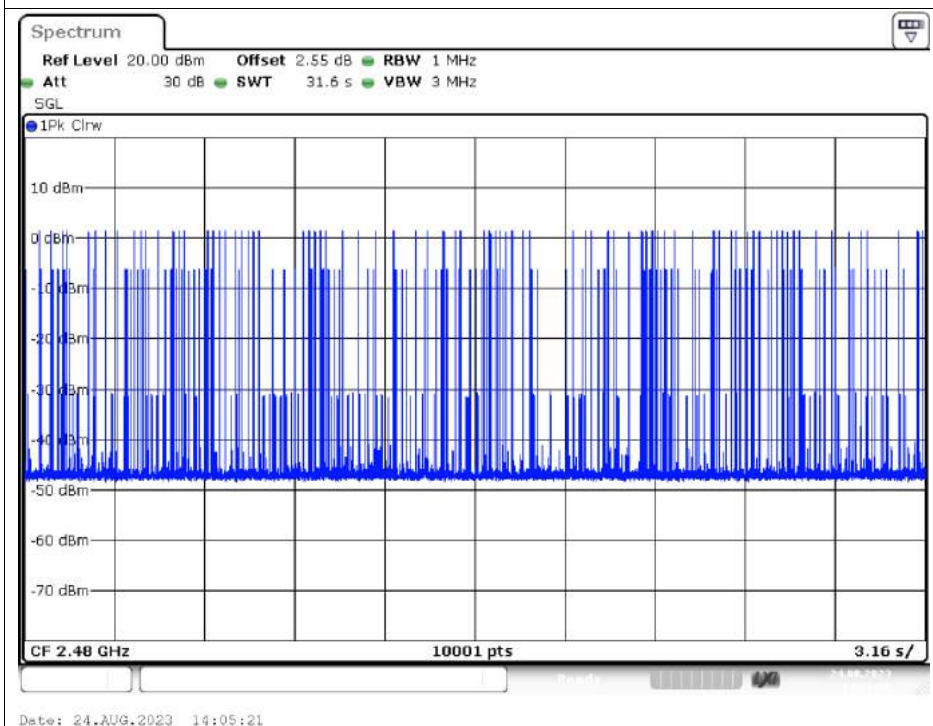
Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2480MHz Ant1 One Burst



Dwell NVNT 3-DH5 2480MHz Ant1 Accumulated

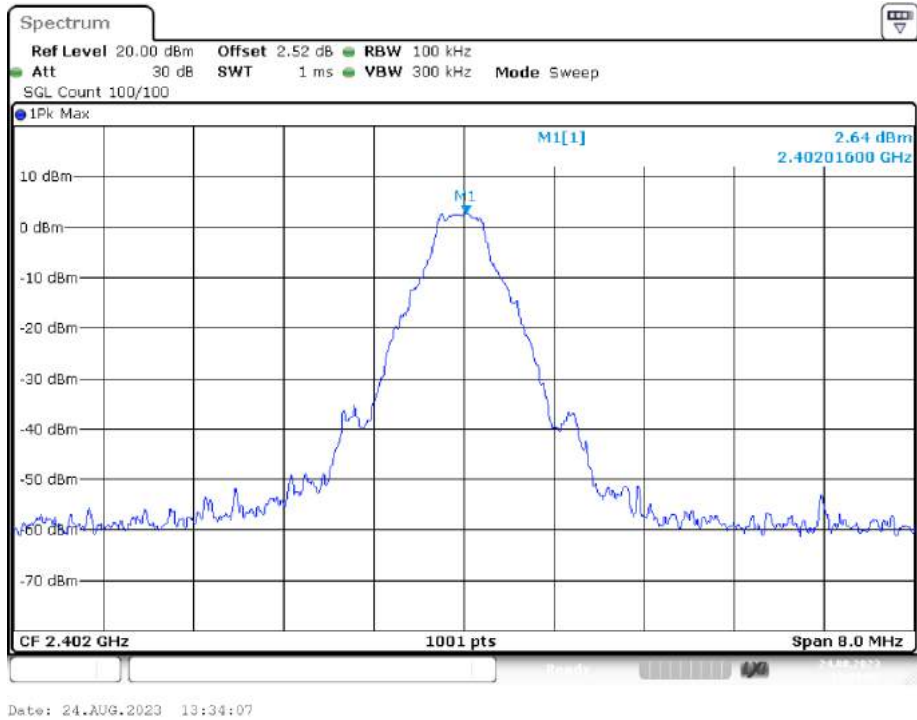


Band Edge

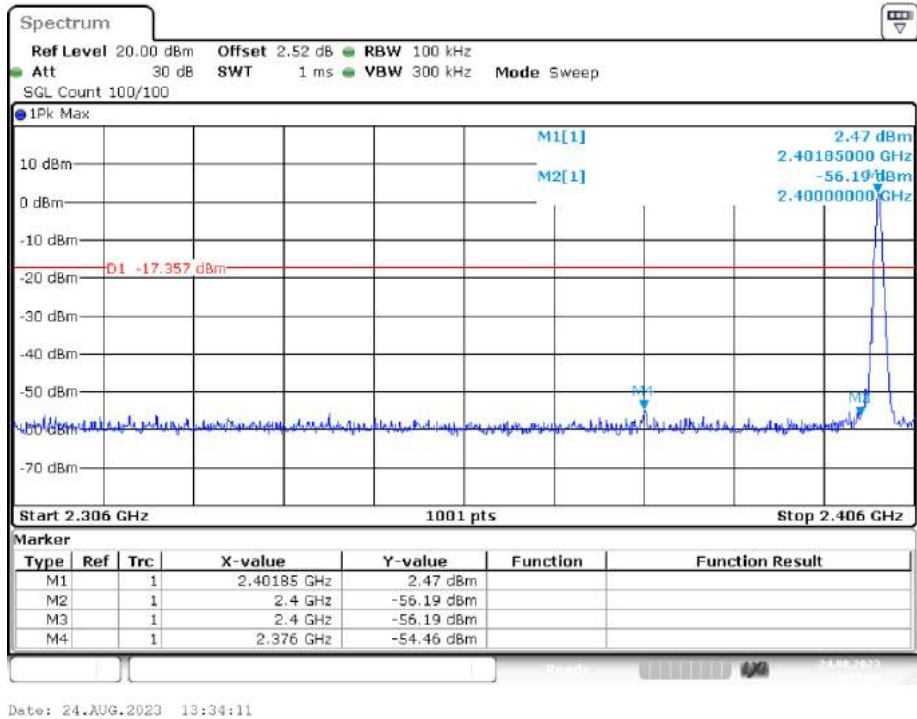
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-57.09	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-55.96	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-55.37	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-55.67	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-54.59	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-54.24	-20	Pass

Test Graphs

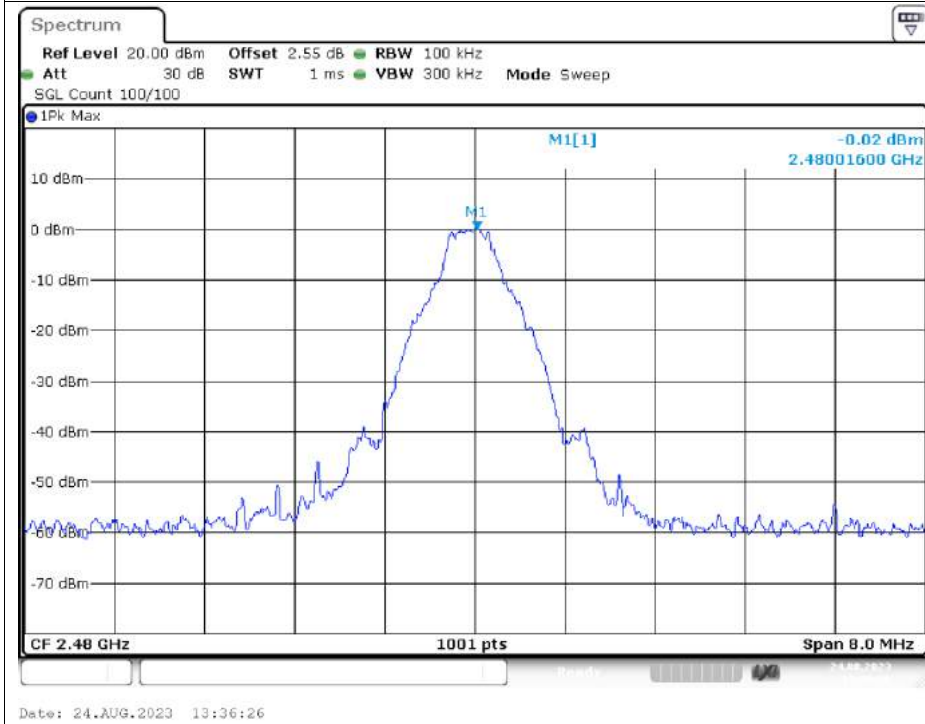
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



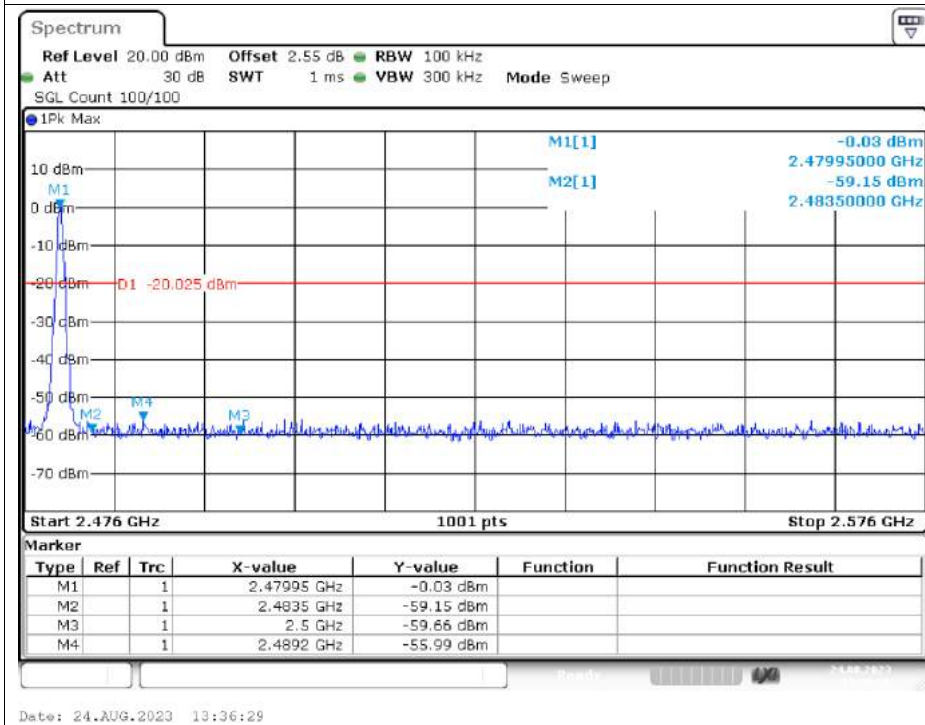
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



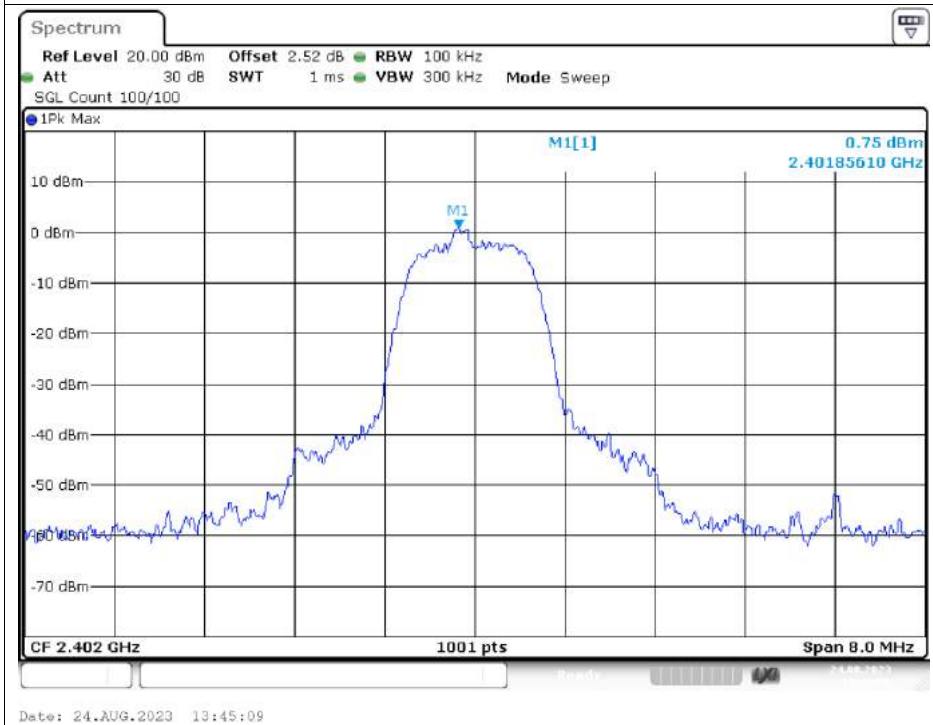
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



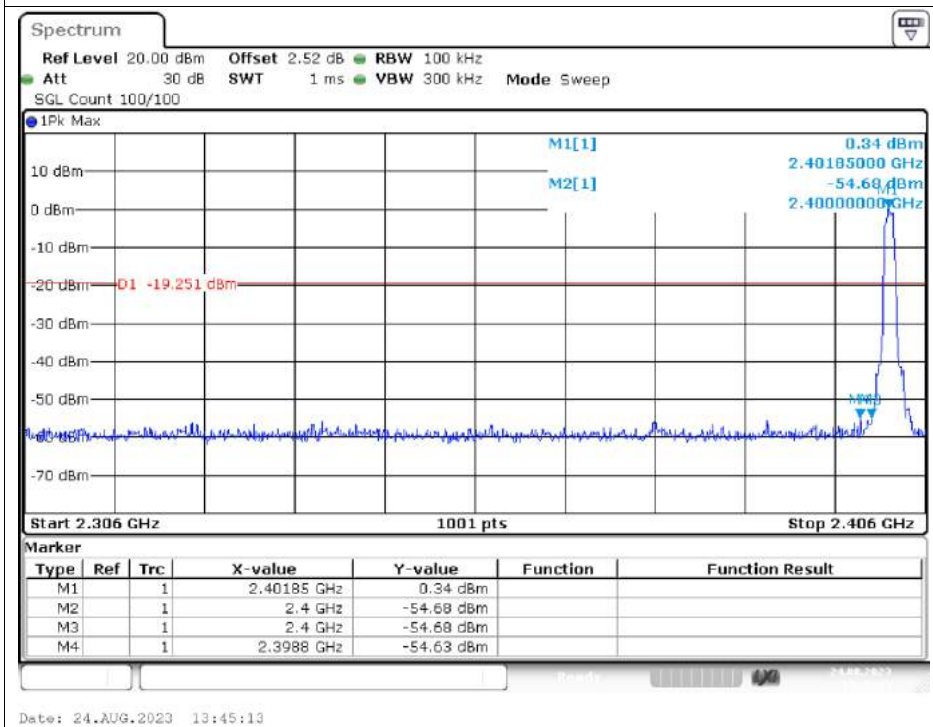
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



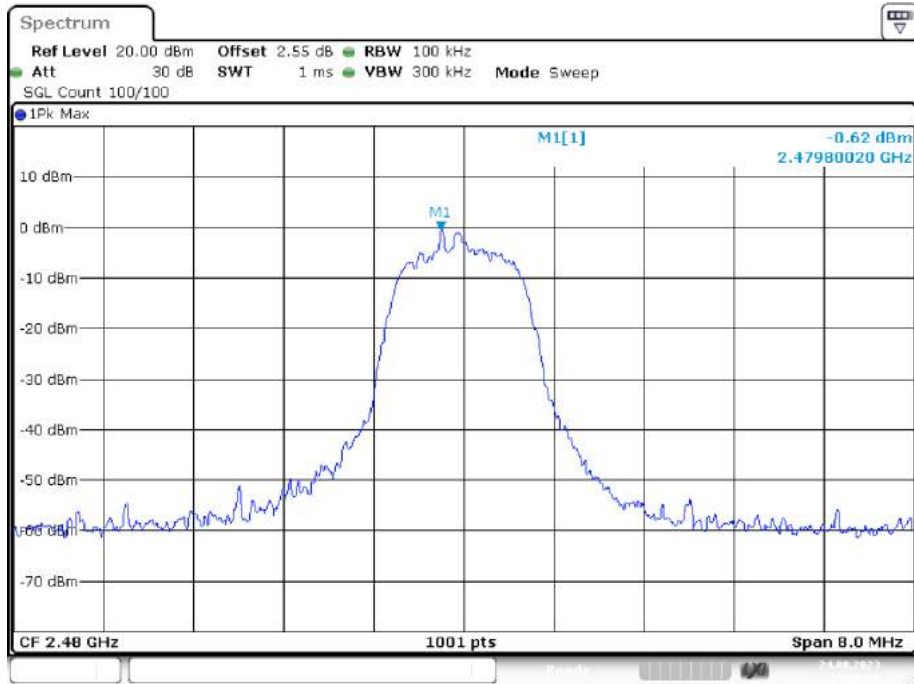
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



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

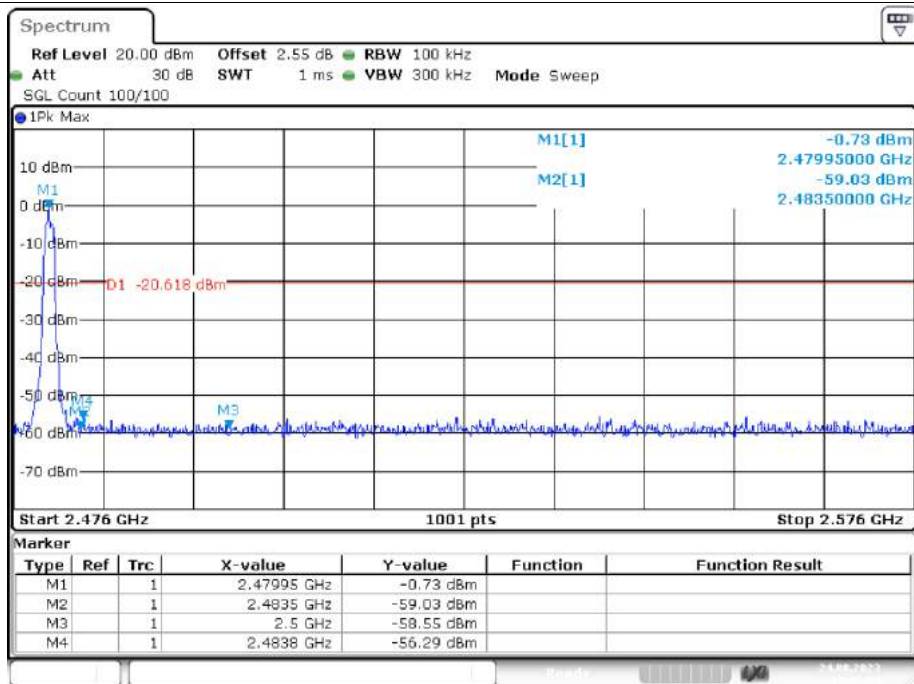


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



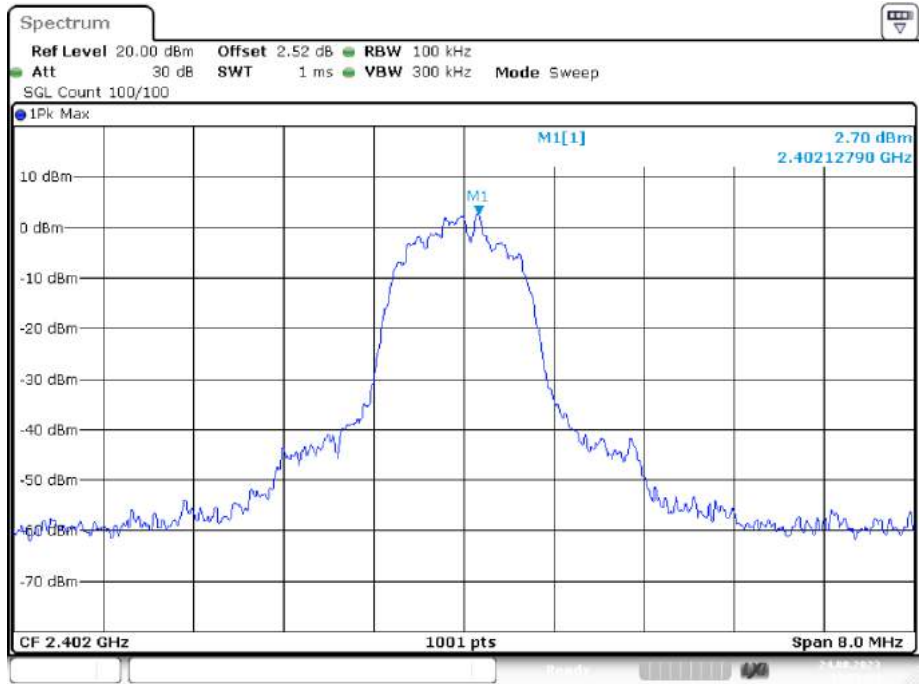
Date: 24.AUG.2023 13:47:30

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



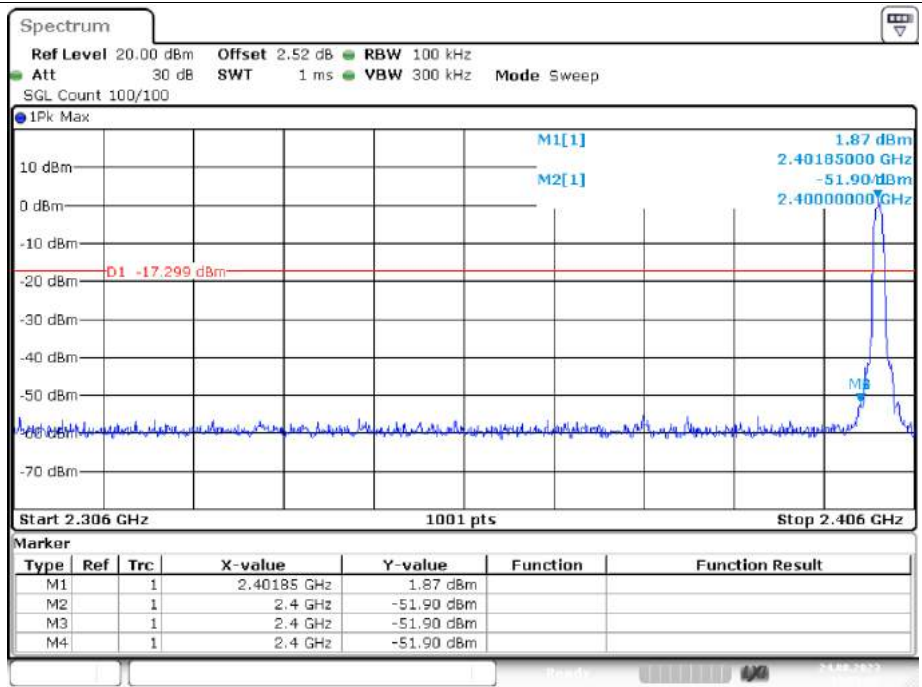
Date: 24.AUG.2023 13:47:33

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



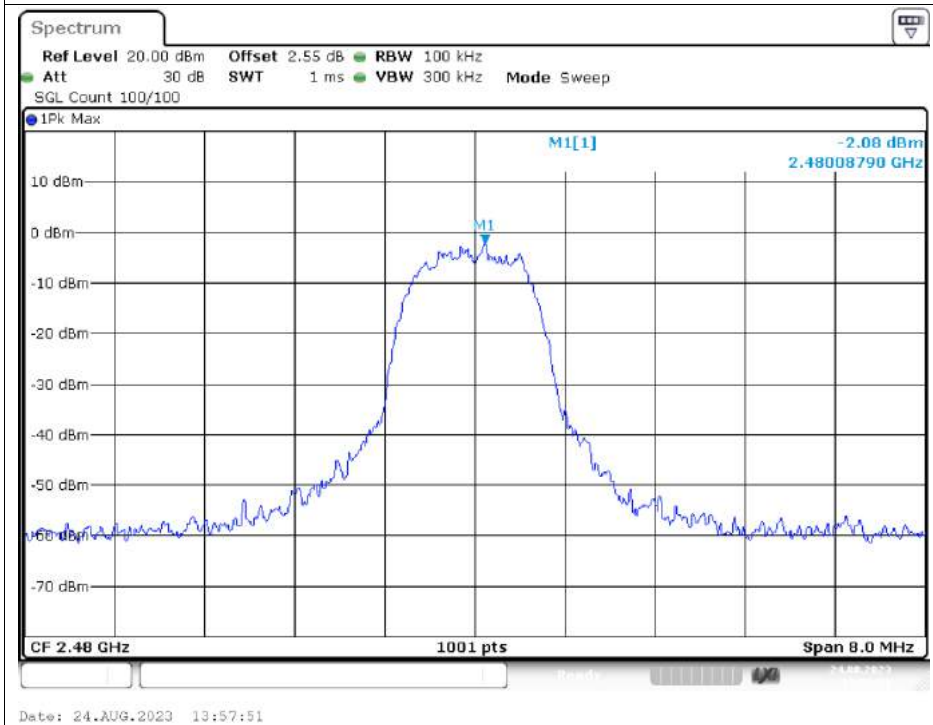
Date: 24.AUG.2023 13:55:24

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

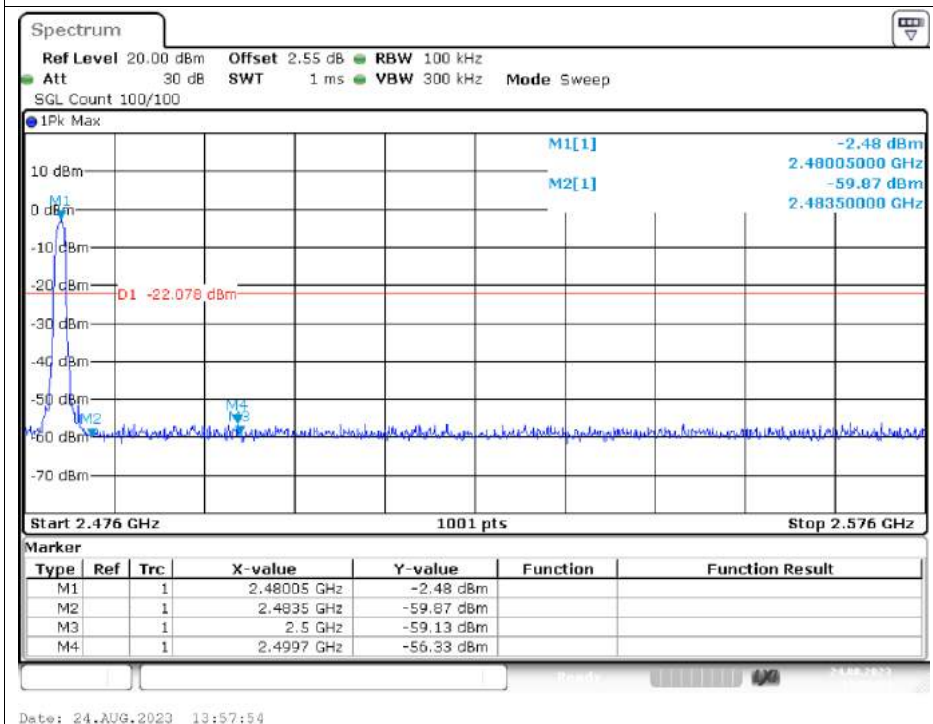


Date: 24.AUG.2023 13:55:27

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	-57.37	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-55	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-56.94	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-55.25	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-57.87	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-55.22	-20	Pass

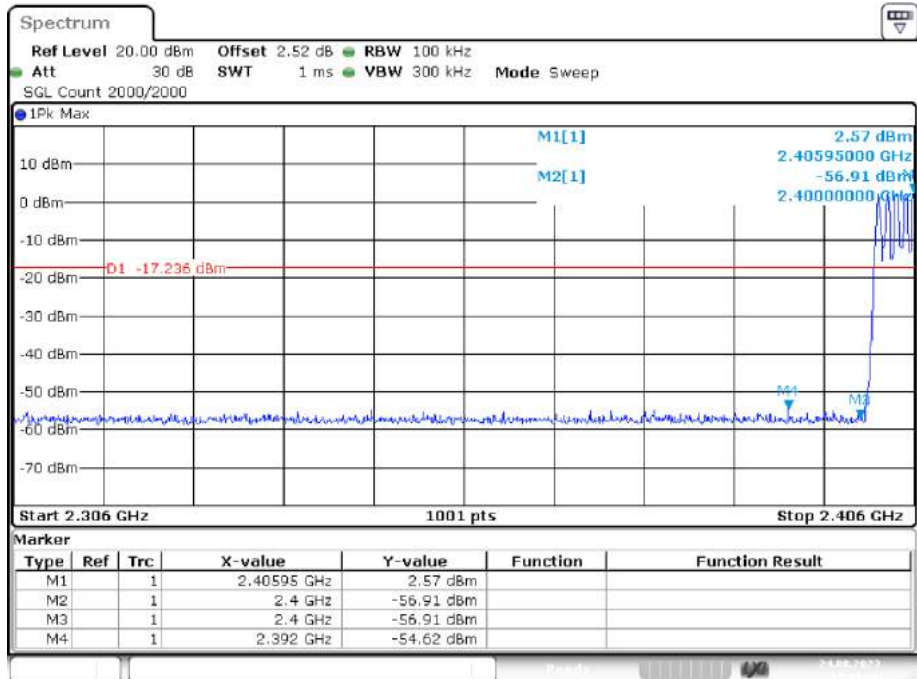
Test Graphs

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



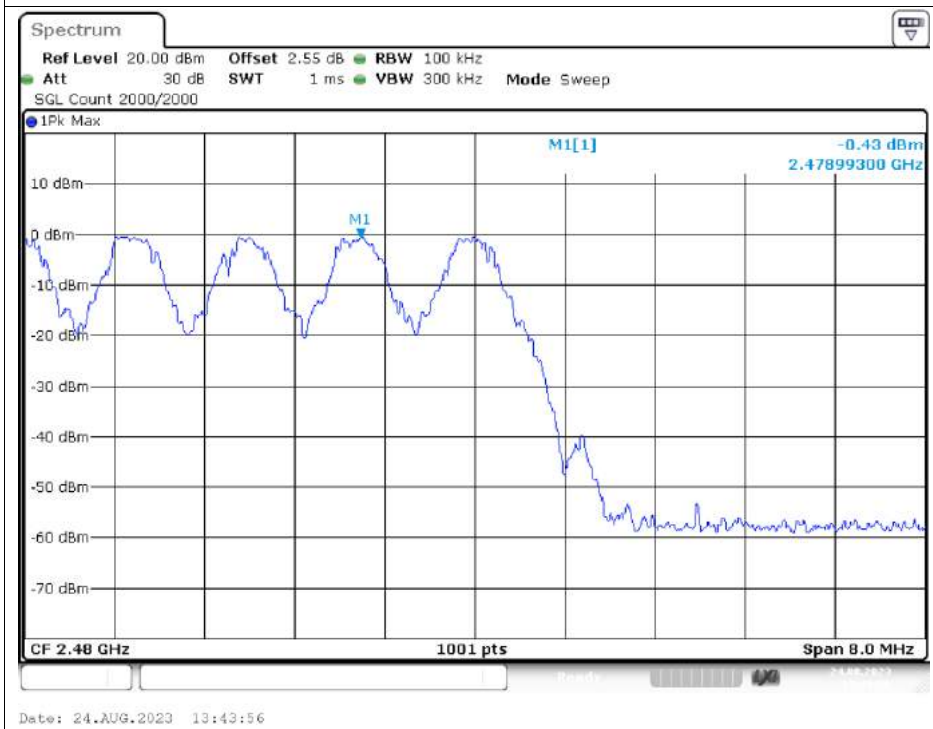
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Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

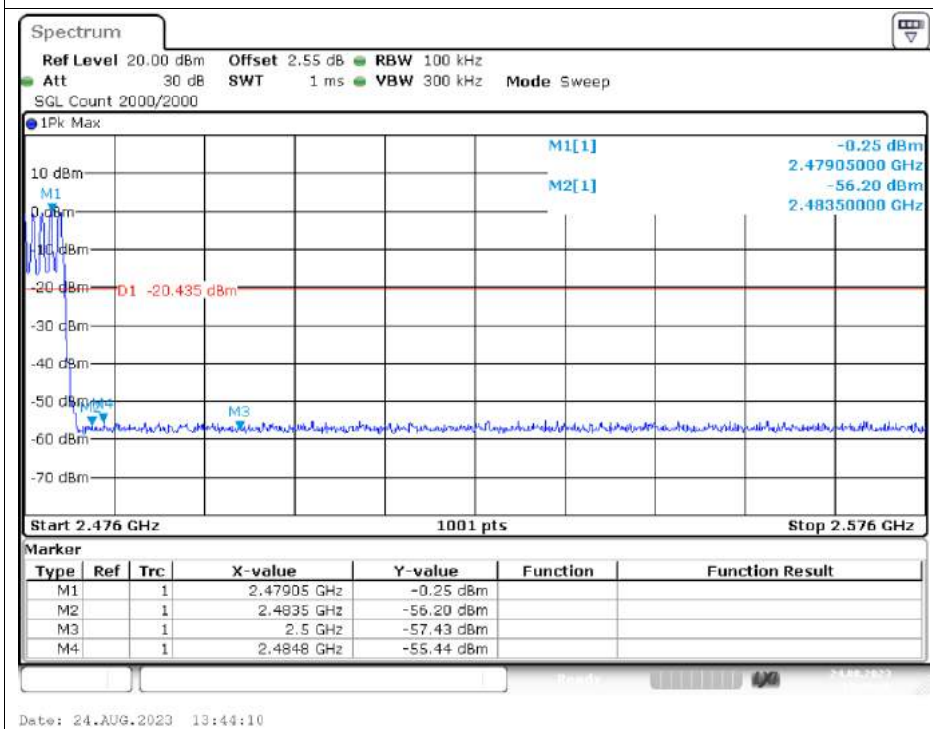


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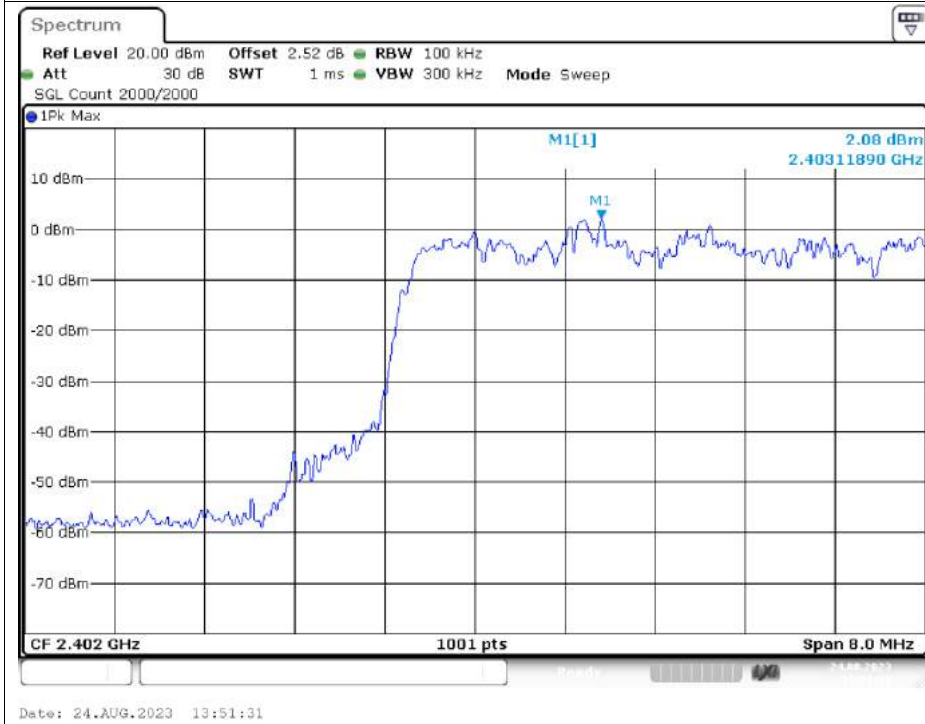
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



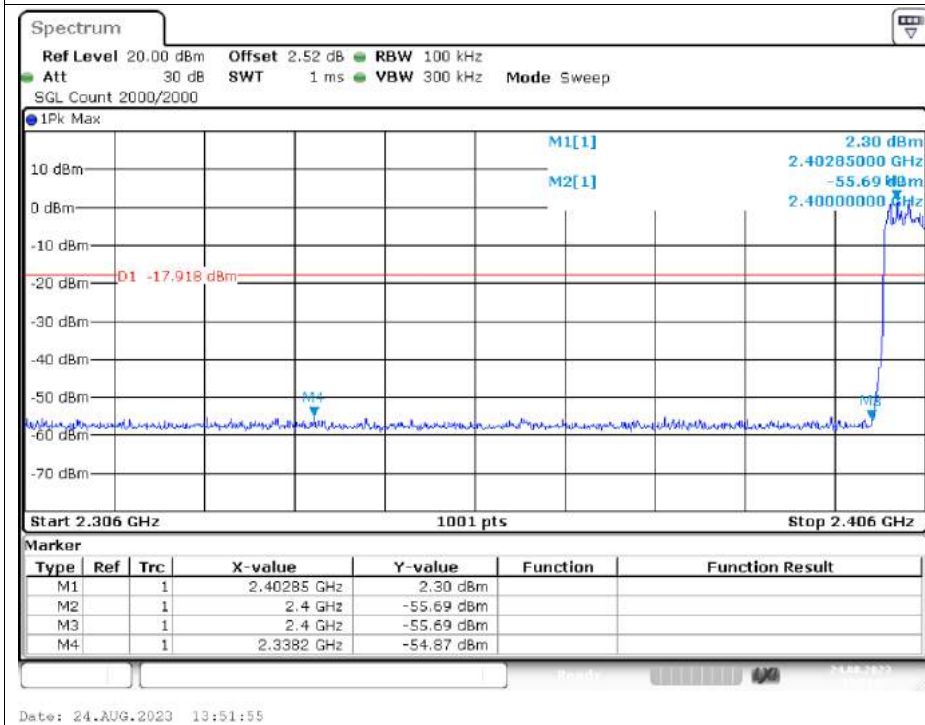
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



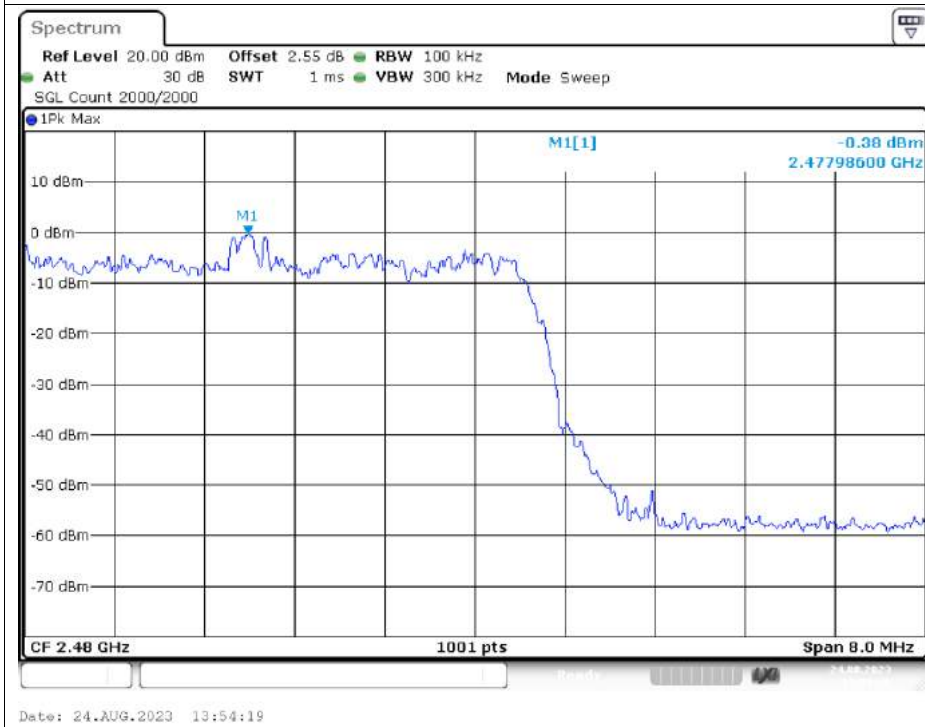
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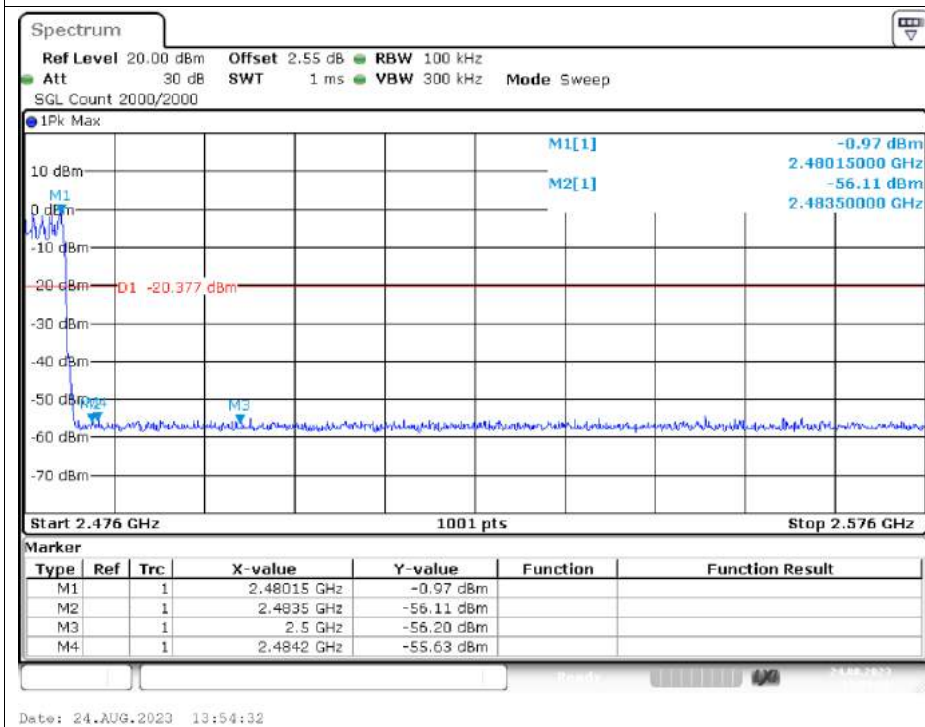
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



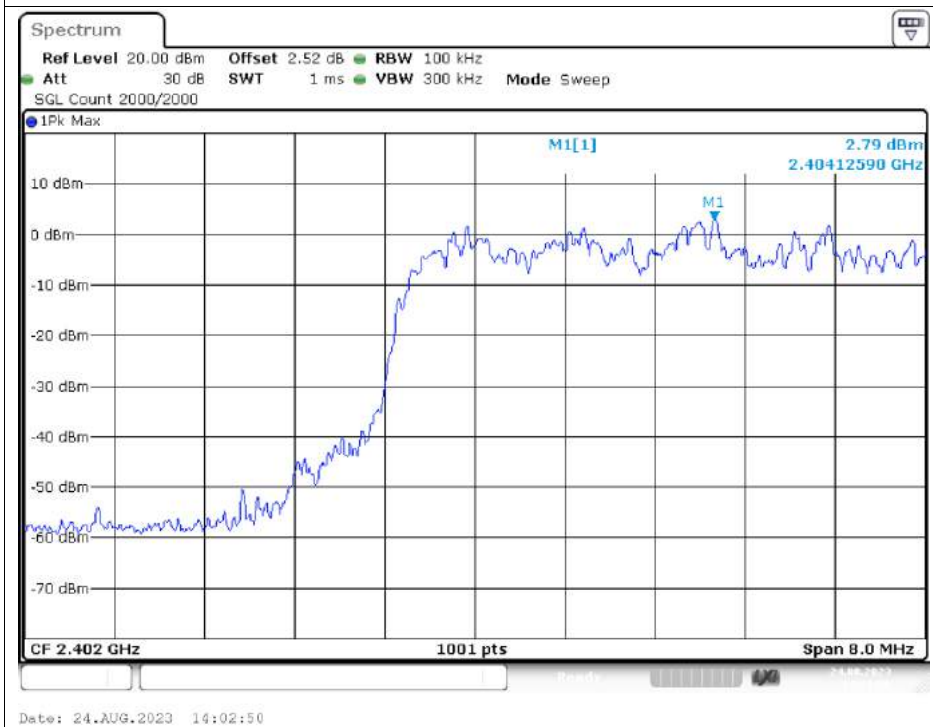
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



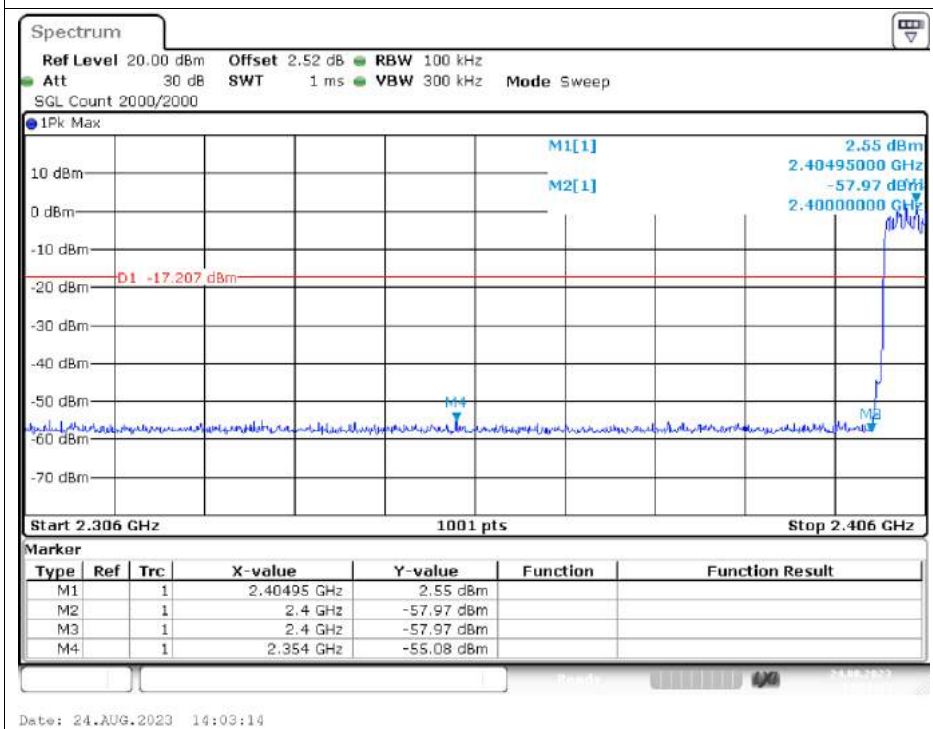
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



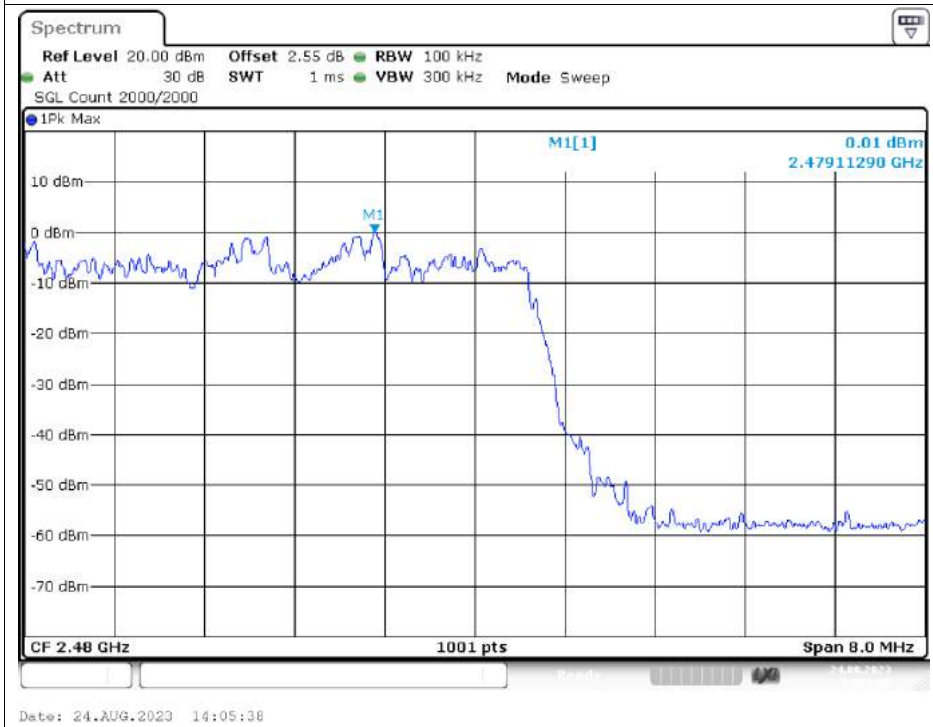
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



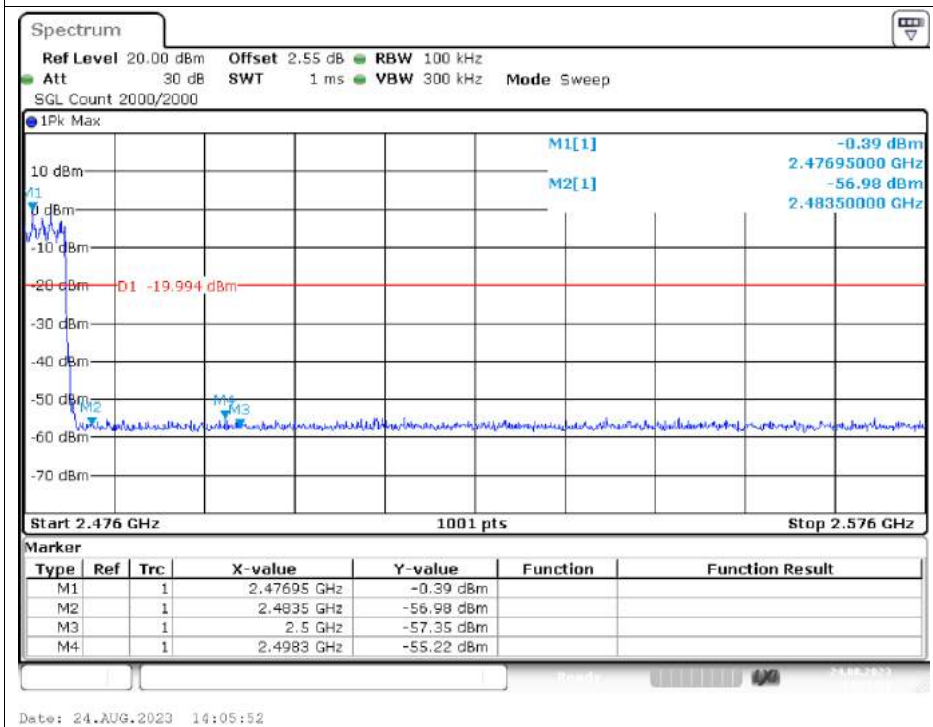
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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

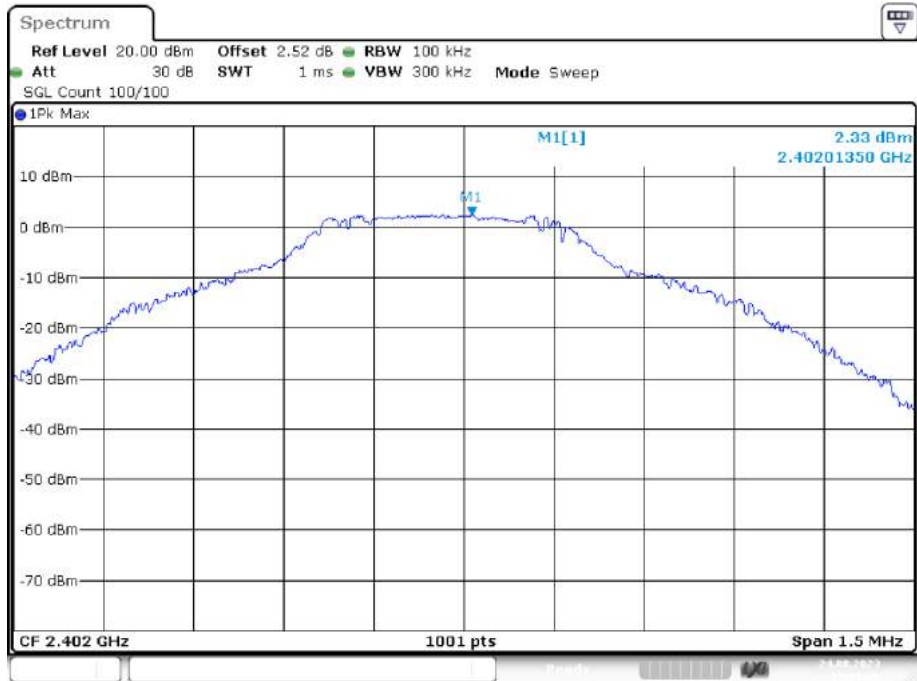


Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-49.45	-20	Pass
NVNT	1-DH5	2441	Ant1	-49.82	-20	Pass
NVNT	1-DH5	2480	Ant1	-48.69	-20	Pass
NVNT	2-DH5	2402	Ant1	-52.53	-20	Pass
NVNT	2-DH5	2441	Ant1	-50.4	-20	Pass
NVNT	2-DH5	2480	Ant1	-50.29	-20	Pass
NVNT	3-DH5	2402	Ant1	-51.98	-20	Pass
NVNT	3-DH5	2441	Ant1	-49.93	-20	Pass
NVNT	3-DH5	2480	Ant1	-47.49	-20	Pass

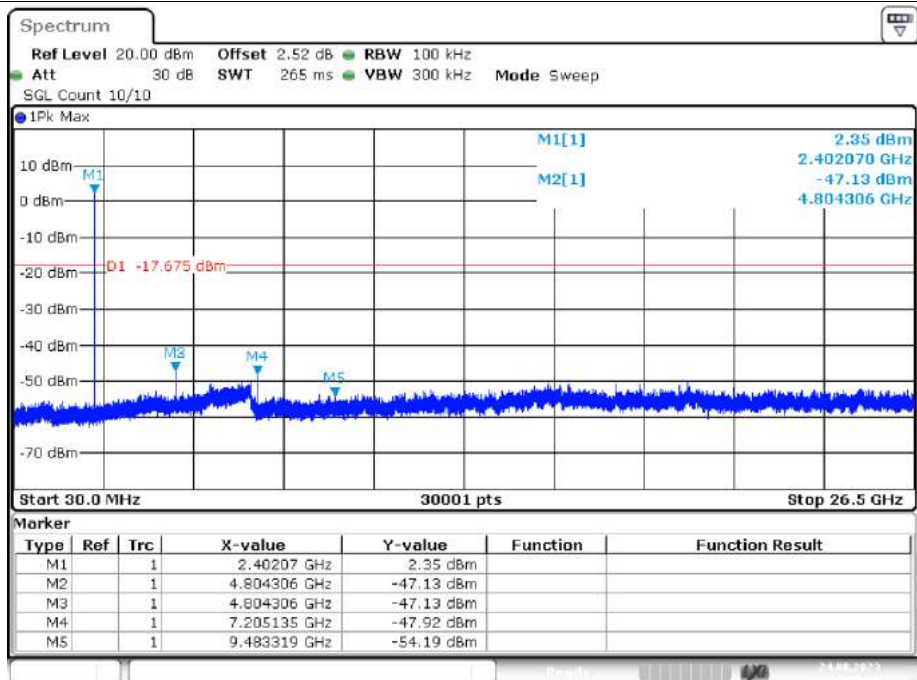
Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



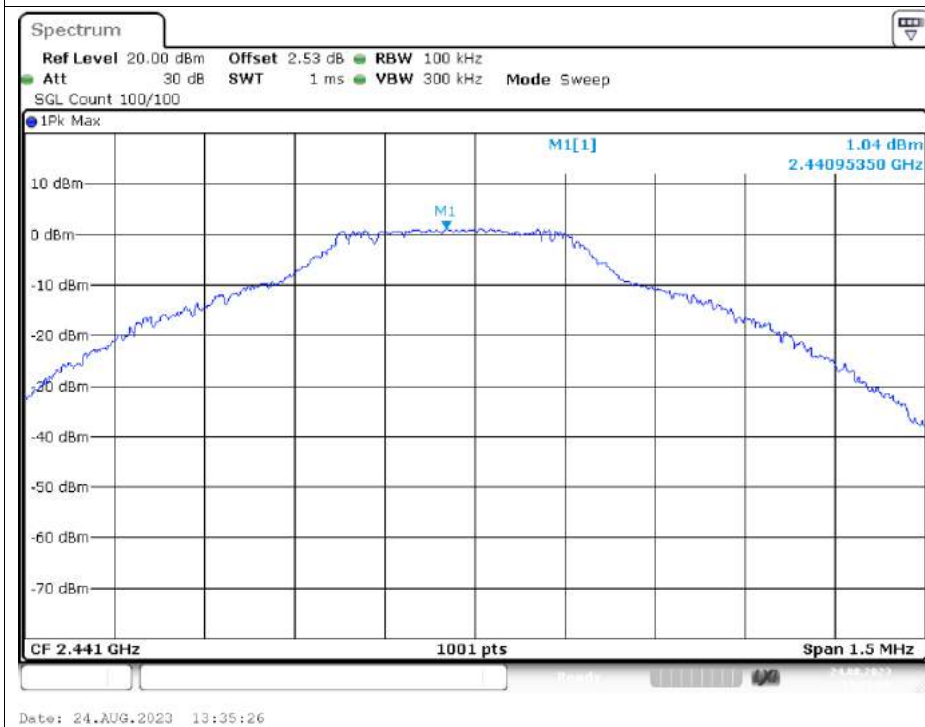
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Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission

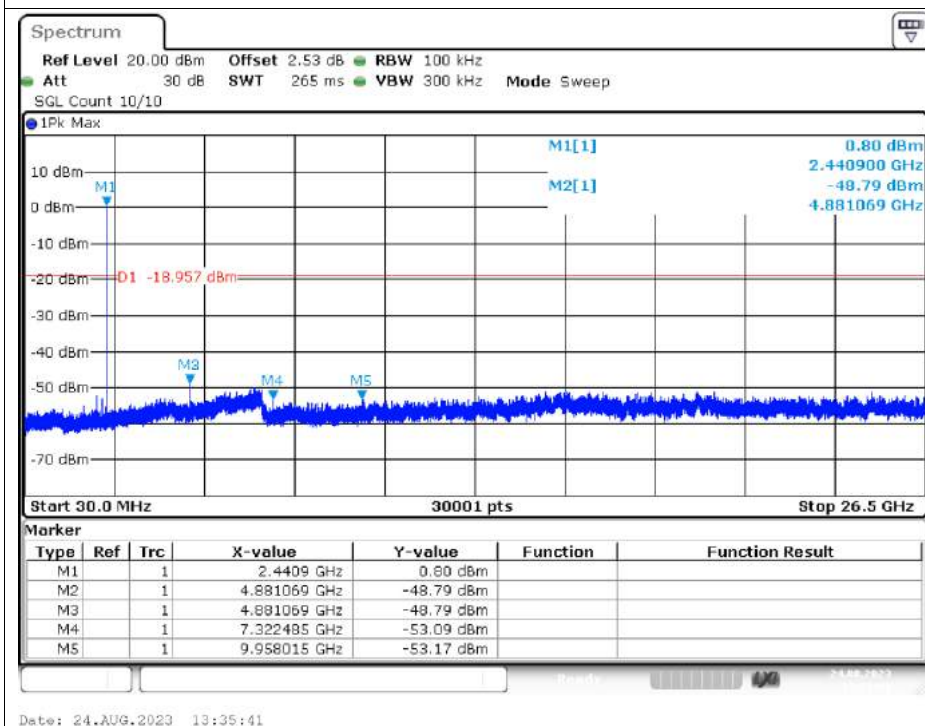


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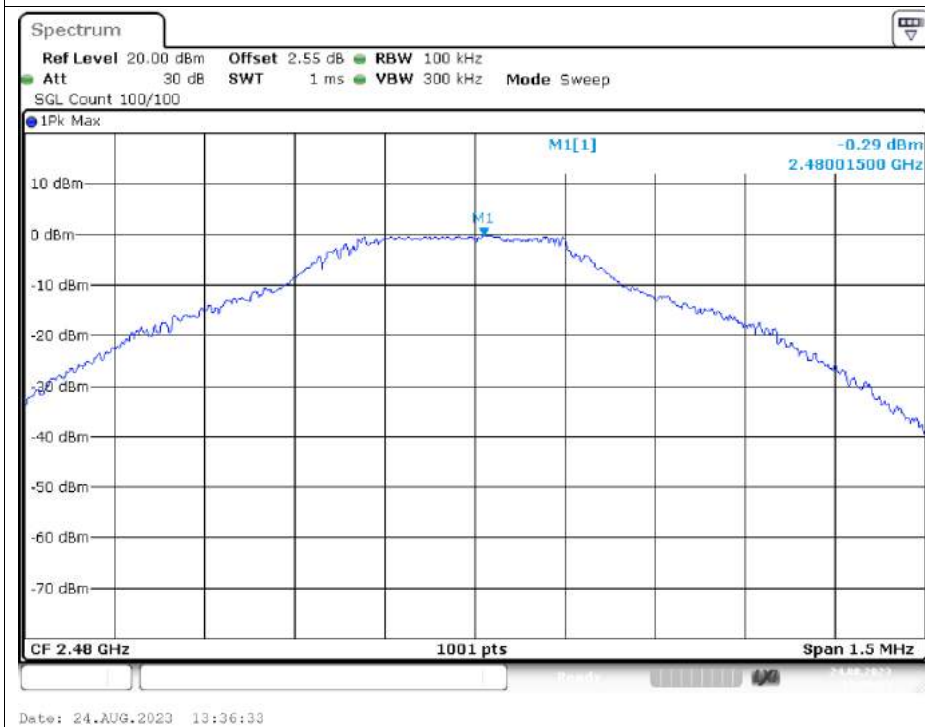
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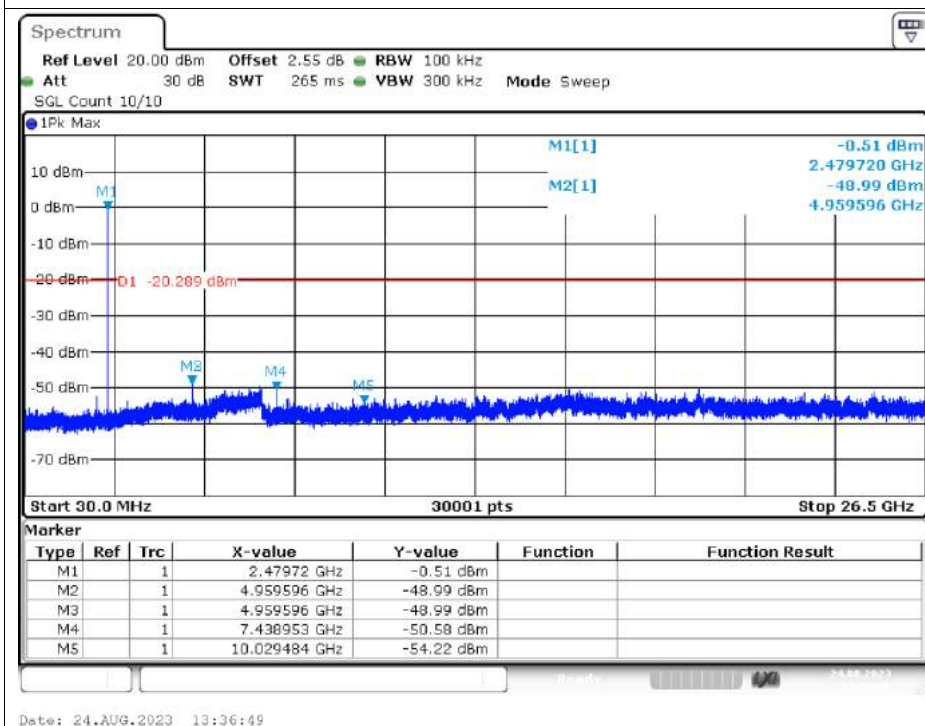
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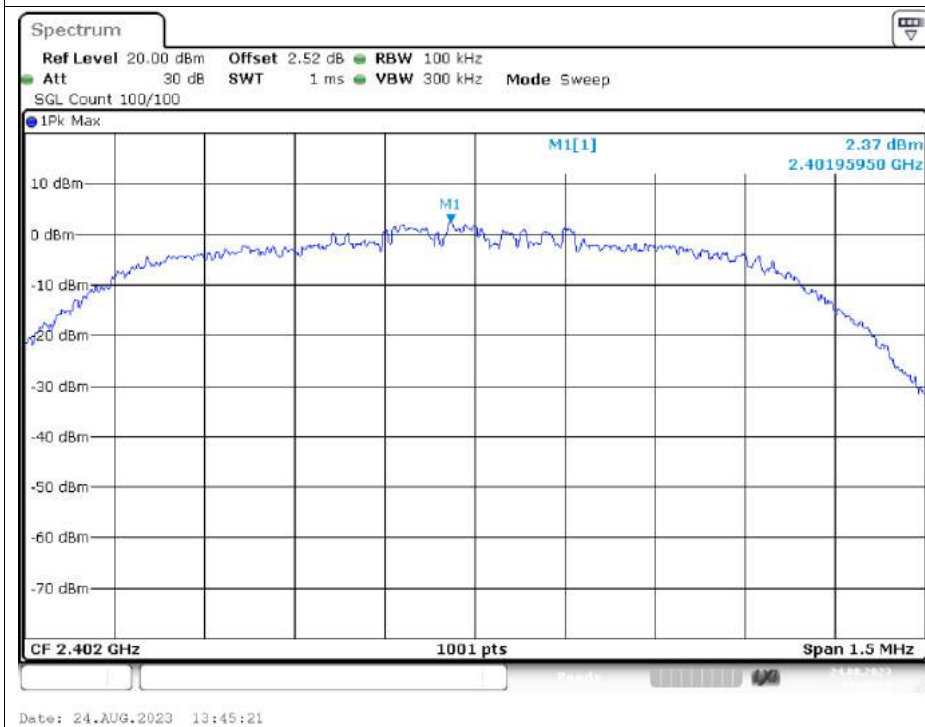
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



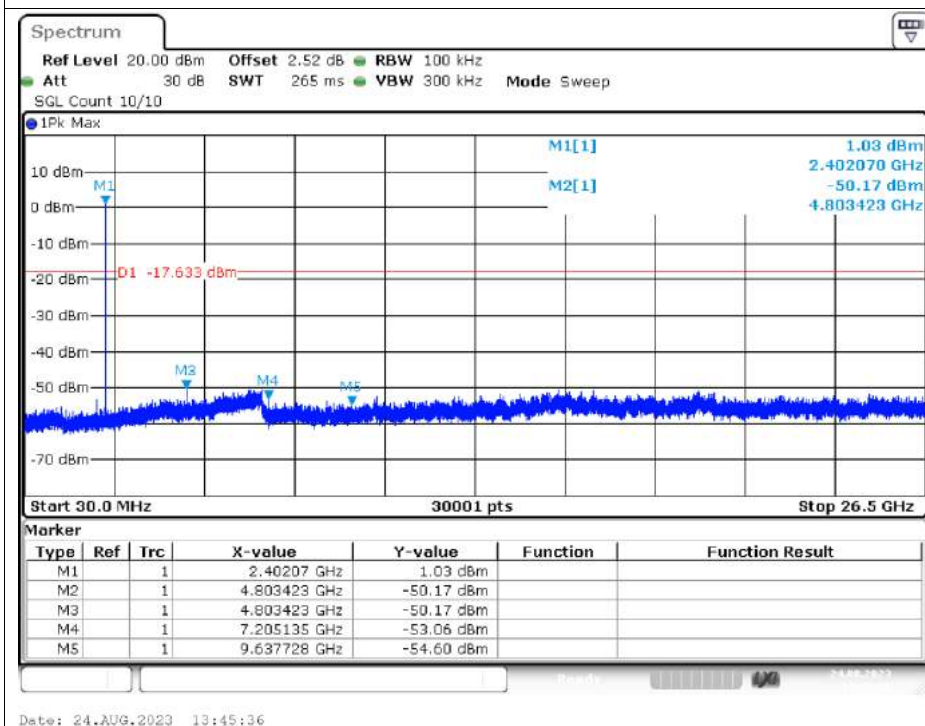
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



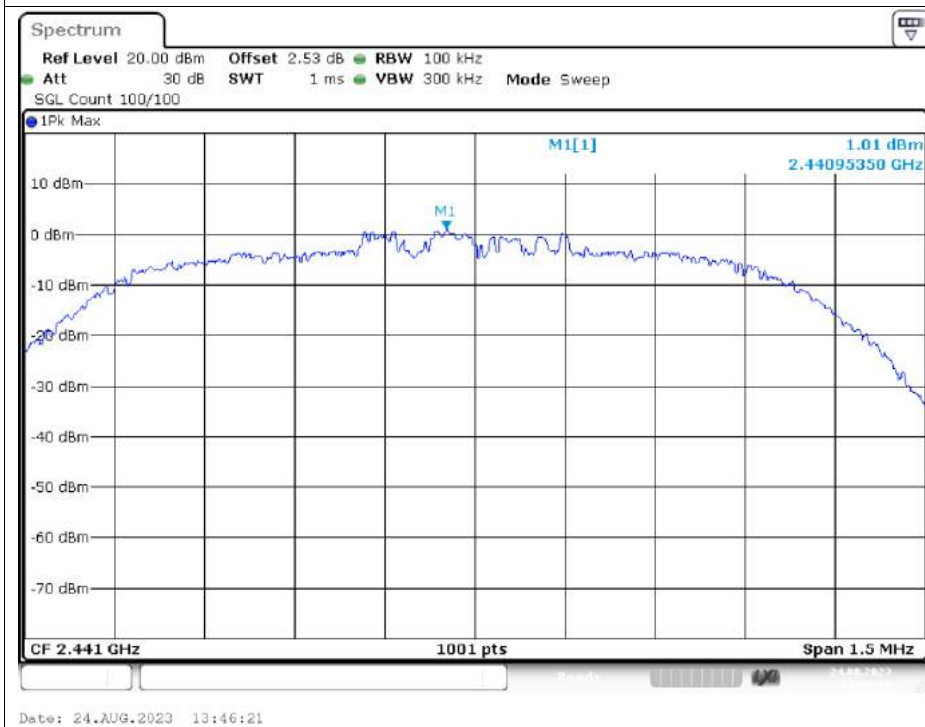
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



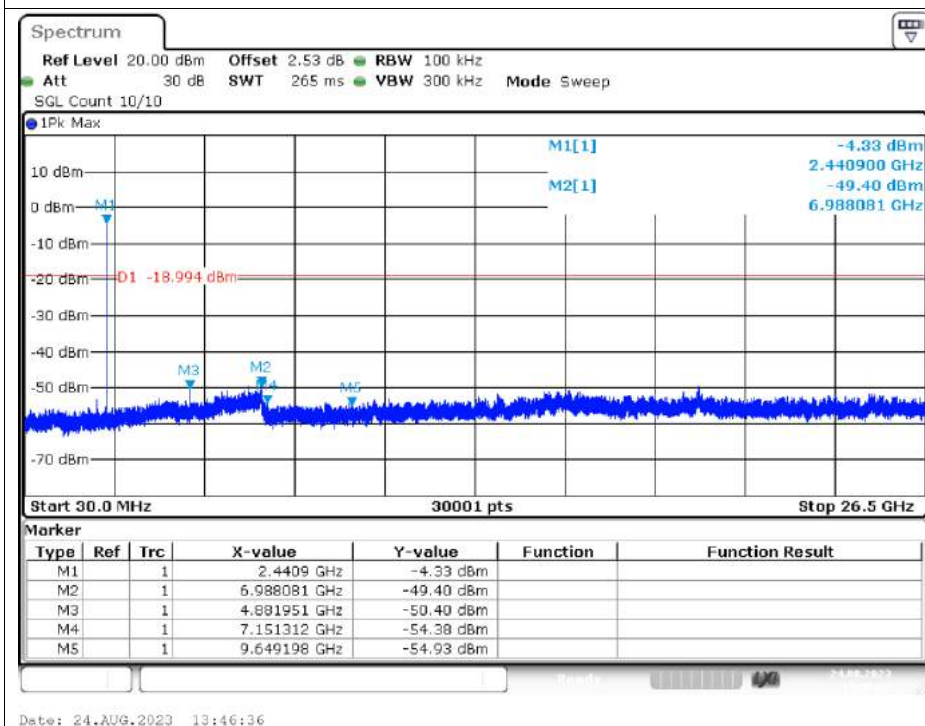
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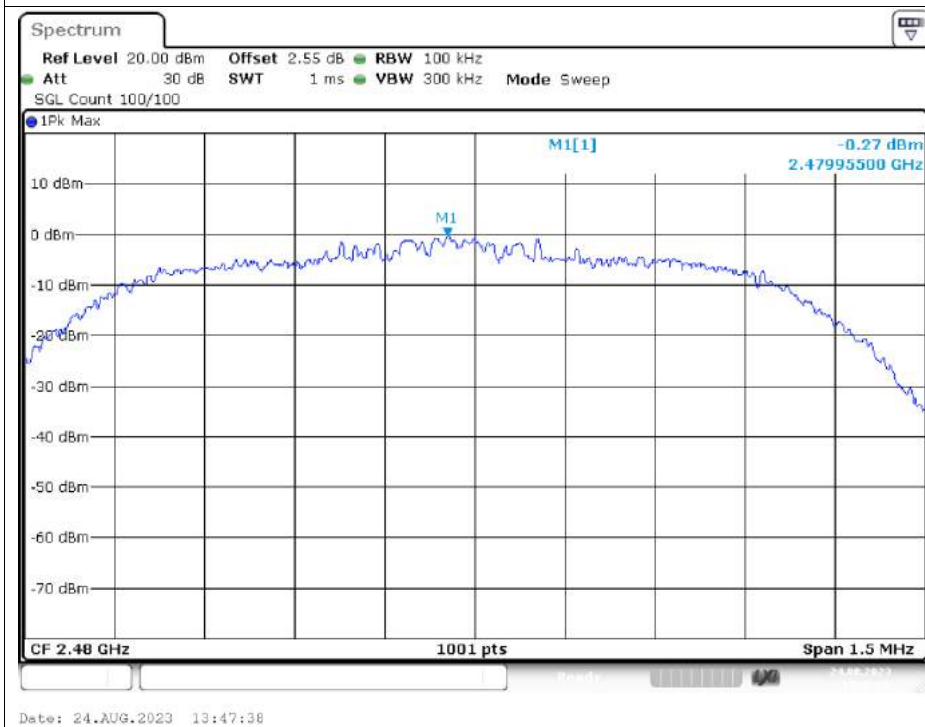
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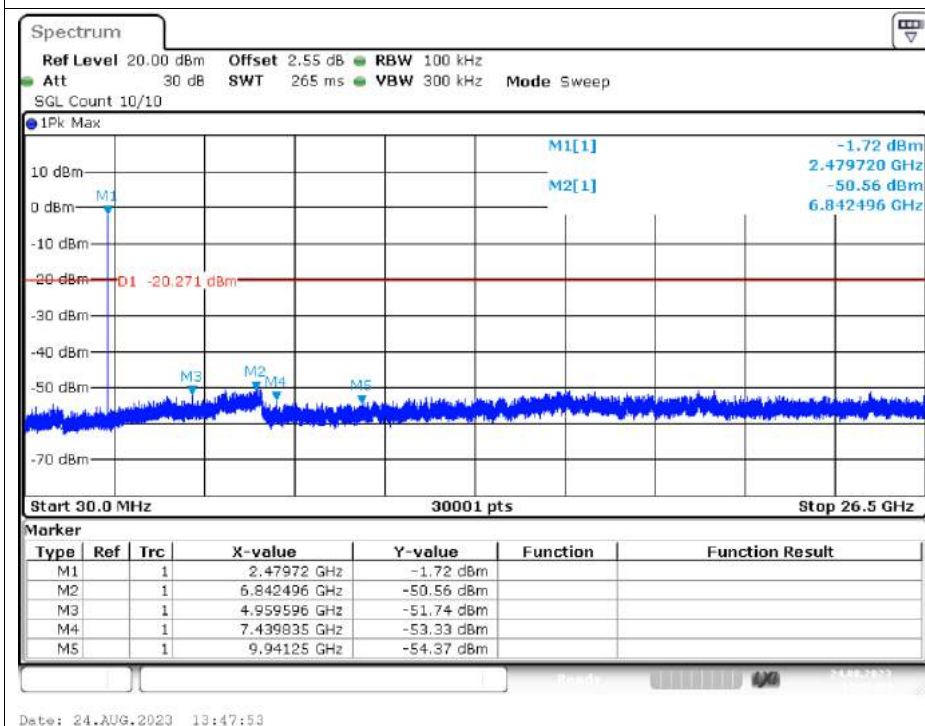
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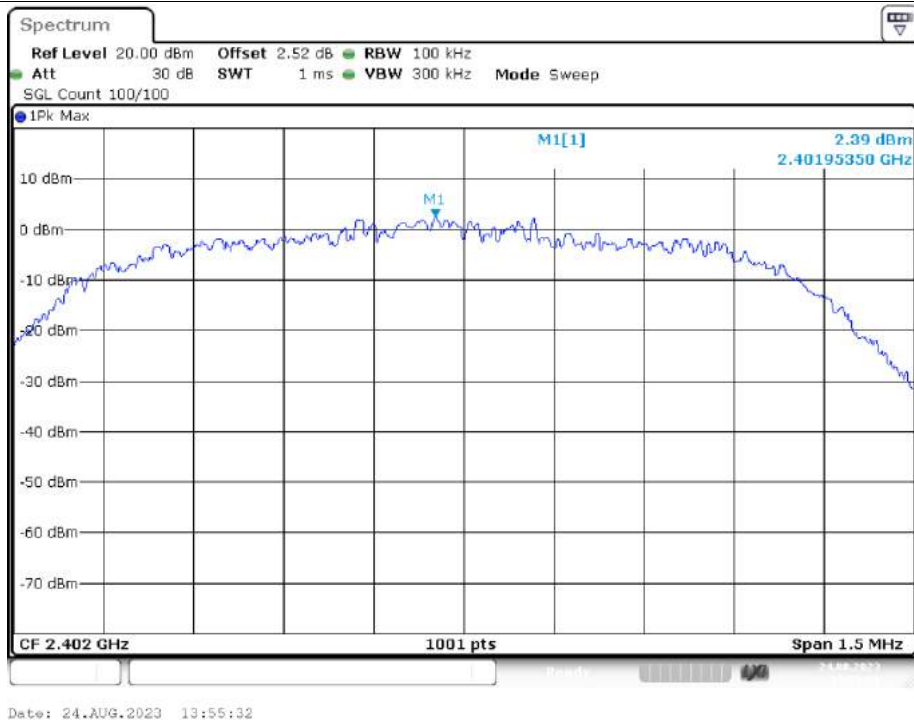
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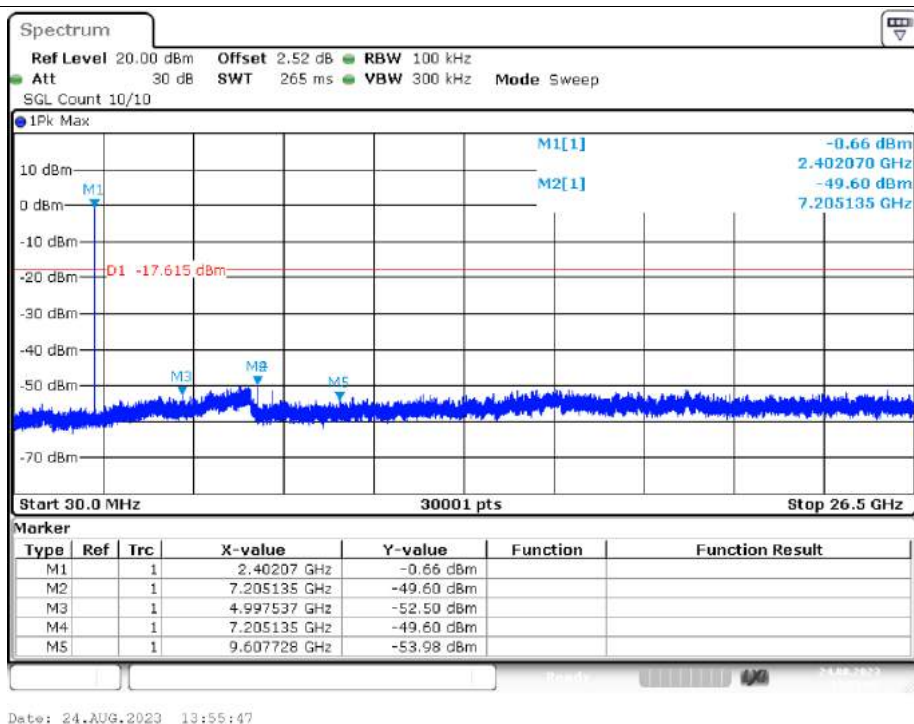
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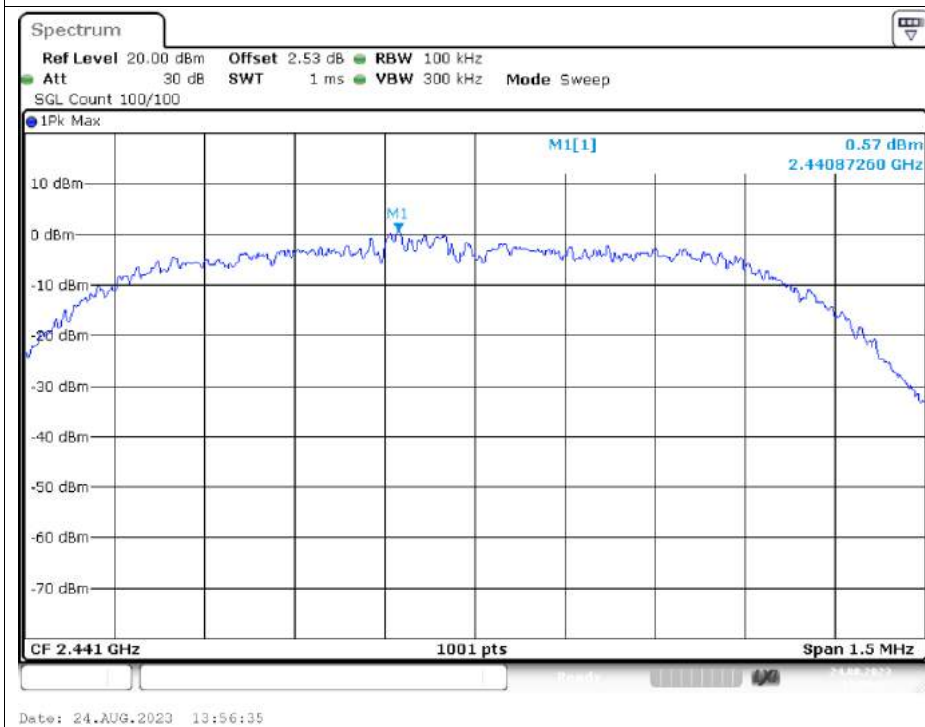
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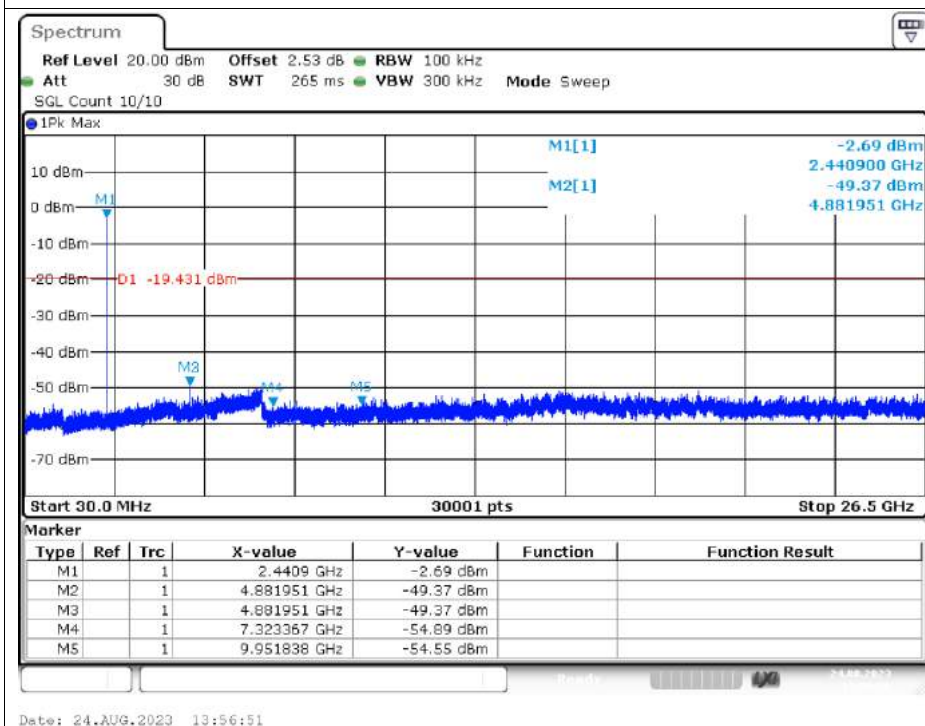
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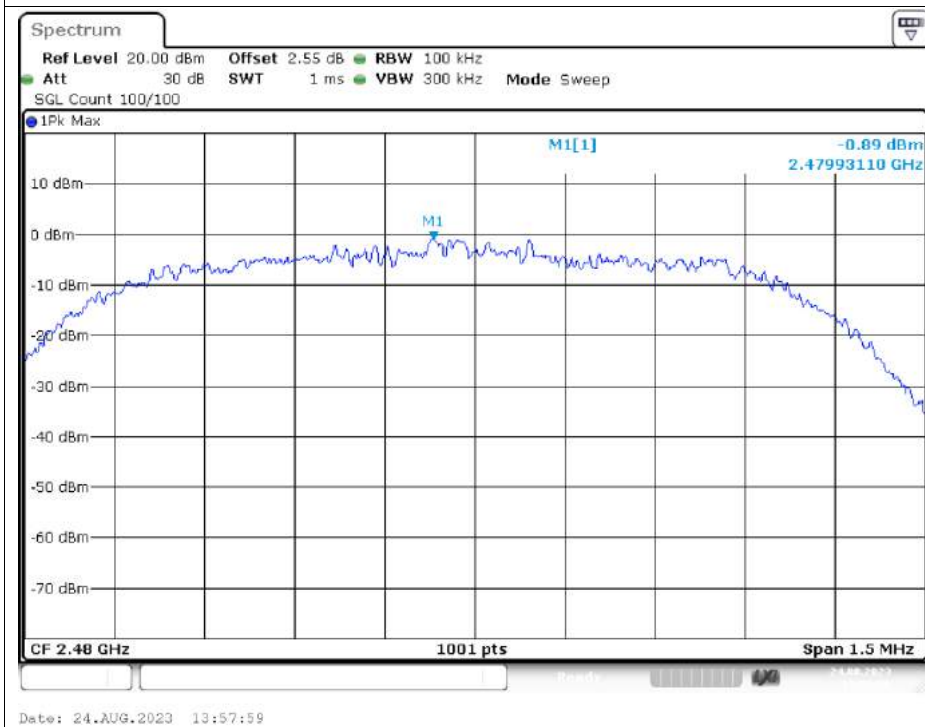
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

