

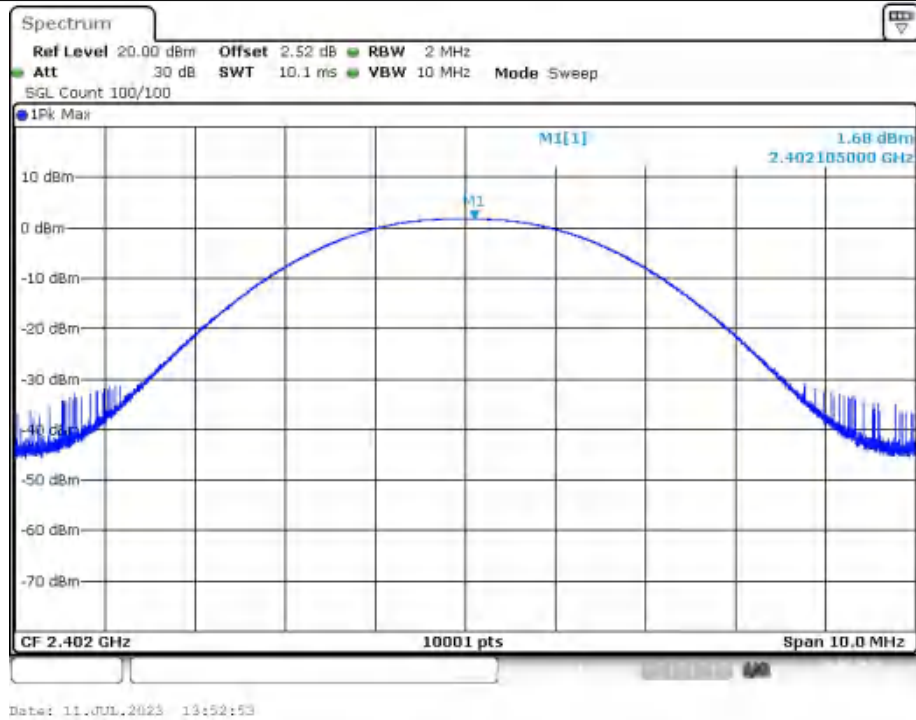
Appendix A

7.1 Maximum Conducted Output Power

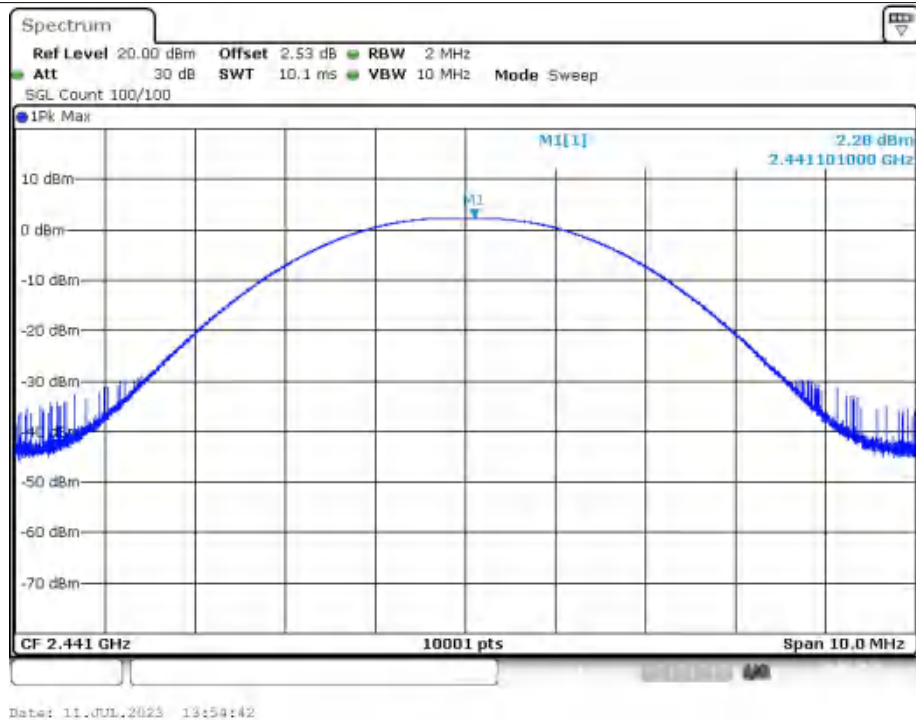
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	1.68	0	1.68	21	Pass
NVNT	1-DH5	2441	Ant1	2.28	0	2.28	21	Pass
NVNT	1-DH5	2480	Ant1	2.77	0	2.77	21	Pass
NVNT	2-DH5	2402	Ant1	2.57	0	2.57	21	Pass
NVNT	2-DH5	2441	Ant1	3.16	0	3.16	21	Pass
NVNT	2-DH5	2480	Ant1	3.6	0	3.6	21	Pass
NVNT	3-DH5	2402	Ant1	2.69	0	2.69	21	Pass
NVNT	3-DH5	2441	Ant1	3.35	0	3.35	21	Pass
NVNT	3-DH5	2480	Ant1	3.82	0	3.82	21	Pass

Test Graphs

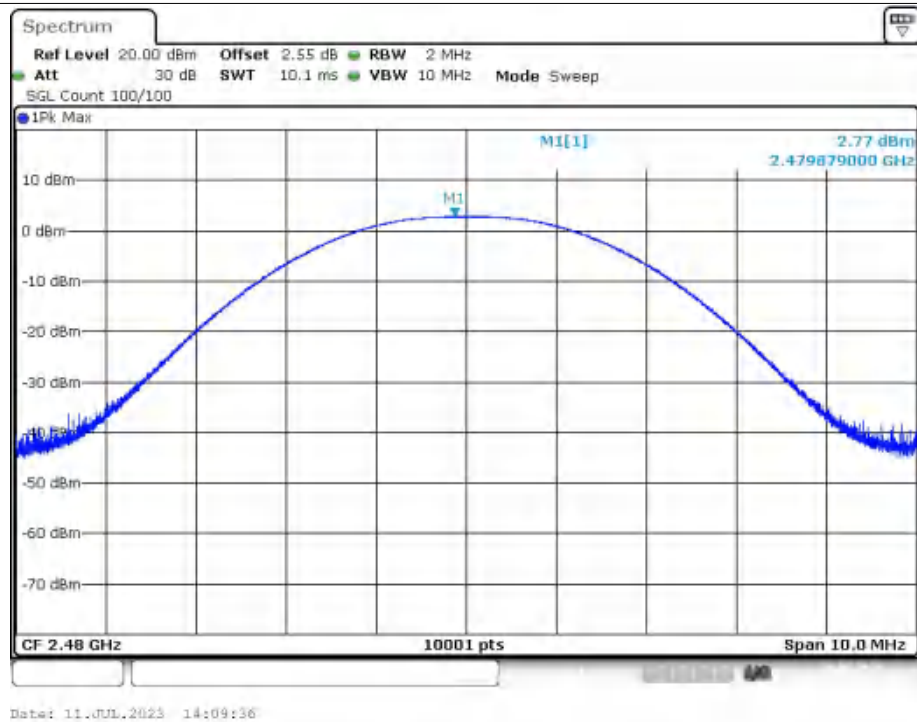
Power NVNT 1-DH5 2402MHz Ant1



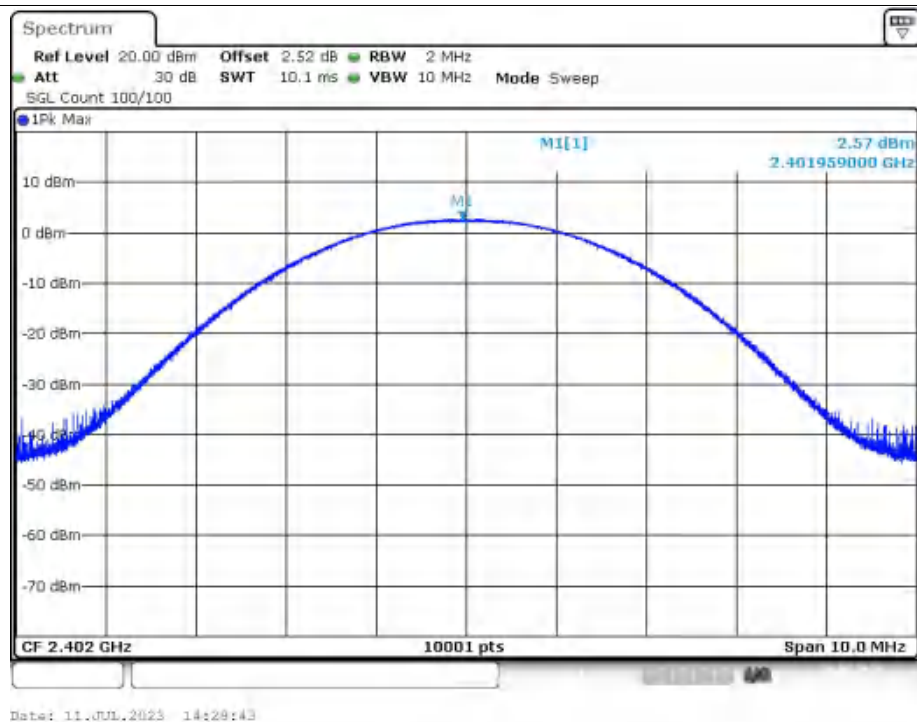
Power NVNT 1-DH5 2441MHz Ant1



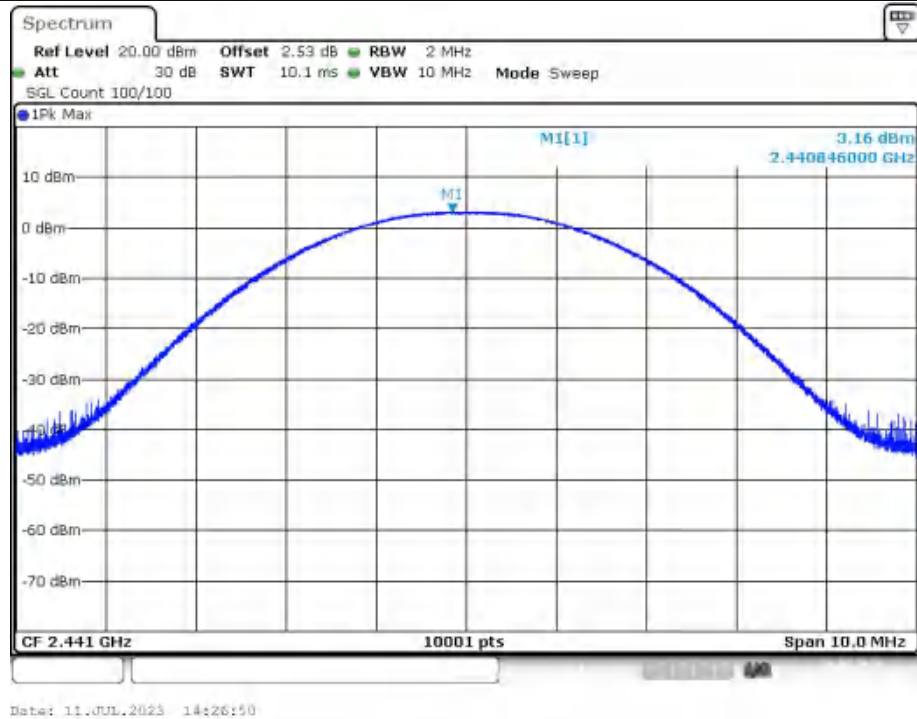
Power NVNT 1-DH5 2480MHz Ant1



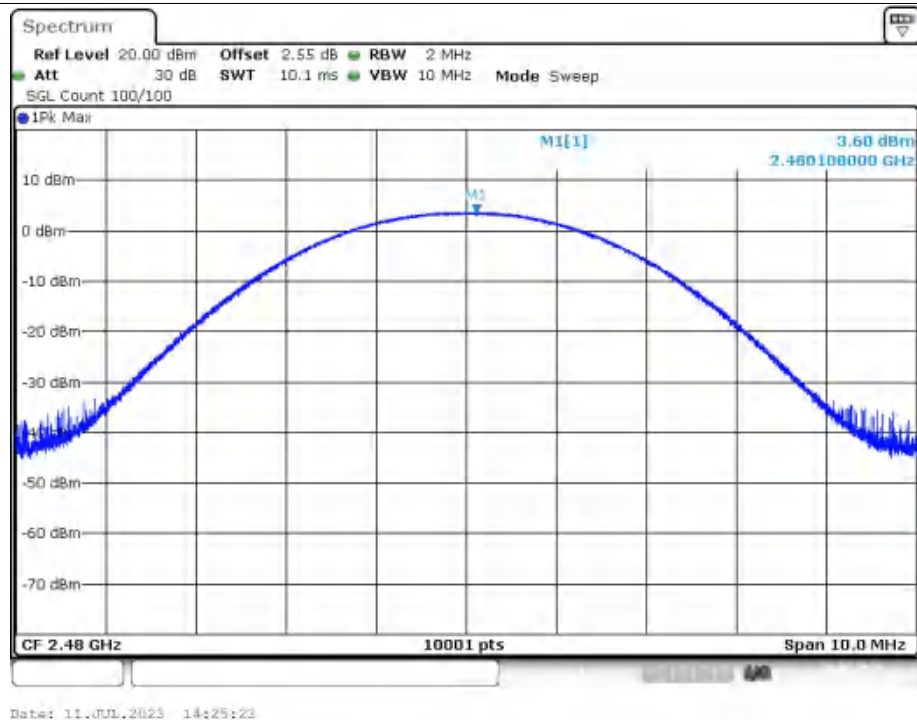
Power NVNT 2-DH5 2402MHz Ant1



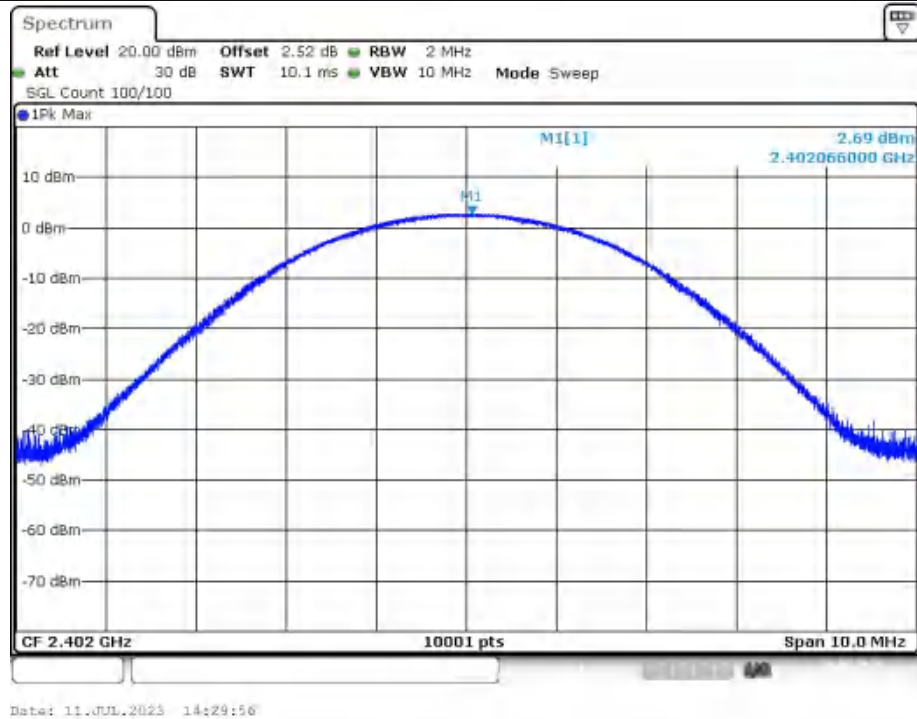
Power NVNT 2-DH5 2441MHz Ant1



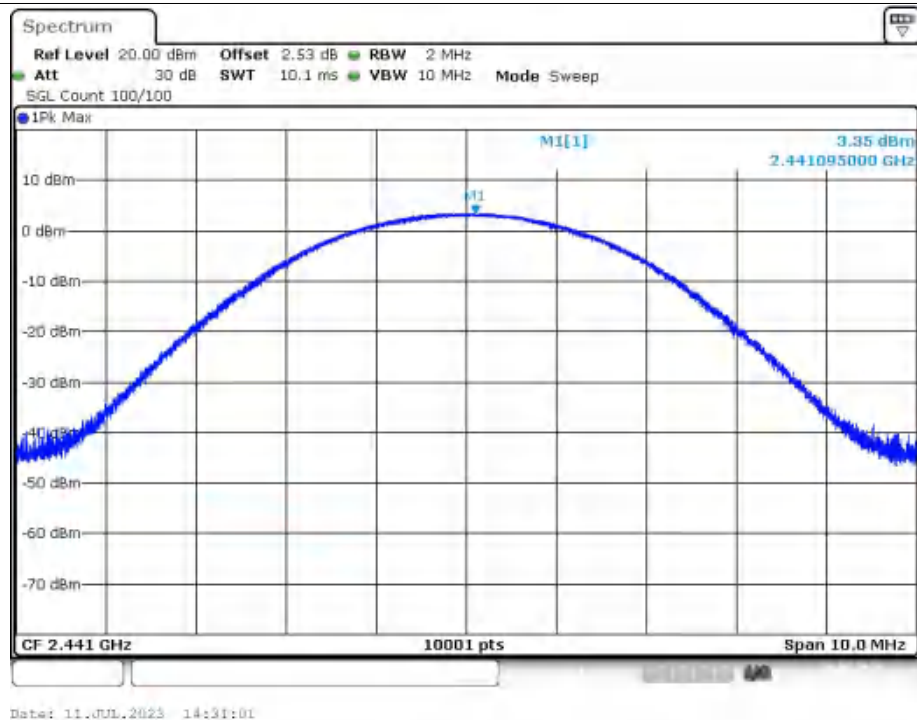
Power NVNT 2-DH5 2480MHz Ant1



Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1



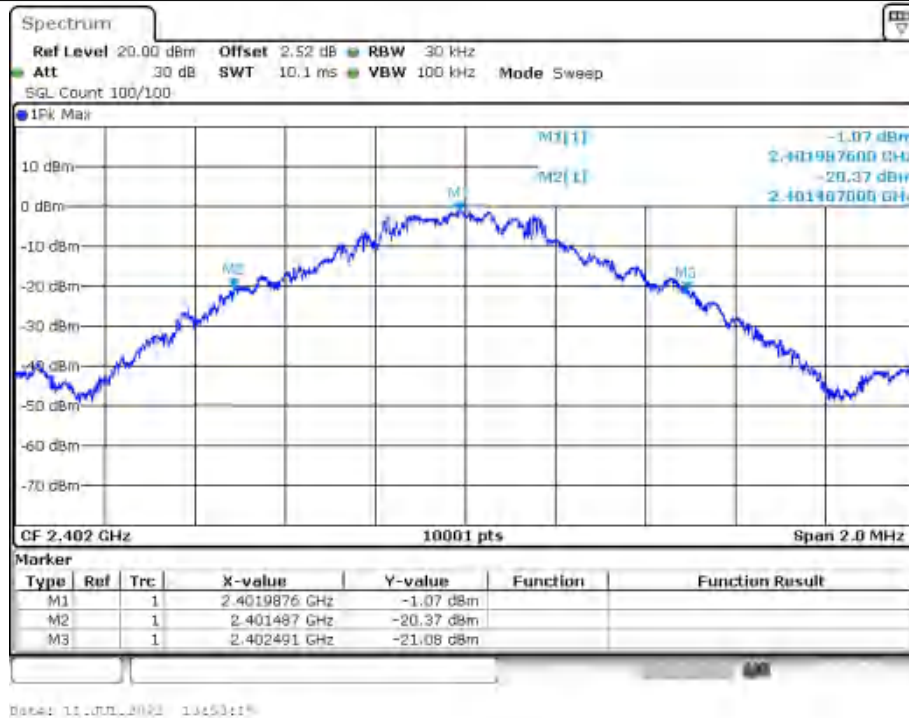


7.2 20dB Bandwidth

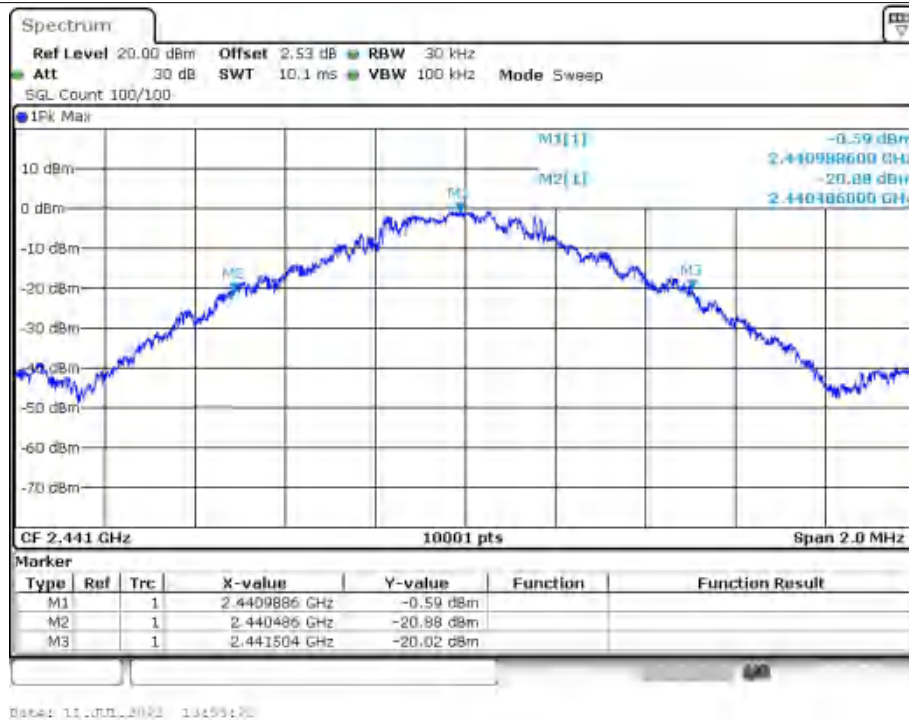
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.004	0	Pass
NVNT	1-DH5	2441	Ant1	1.018	0	Pass
NVNT	1-DH5	2480	Ant1	1.025	0	Pass
NVNT	2-DH5	2402	Ant1	1.311	0	Pass
NVNT	2-DH5	2441	Ant1	1.282	0	Pass
NVNT	2-DH5	2480	Ant1	1.288	0	Pass
NVNT	3-DH5	2402	Ant1	1.283	0	Pass
NVNT	3-DH5	2441	Ant1	1.256	0	Pass
NVNT	3-DH5	2480	Ant1	1.283	0	Pass

Test Graphs

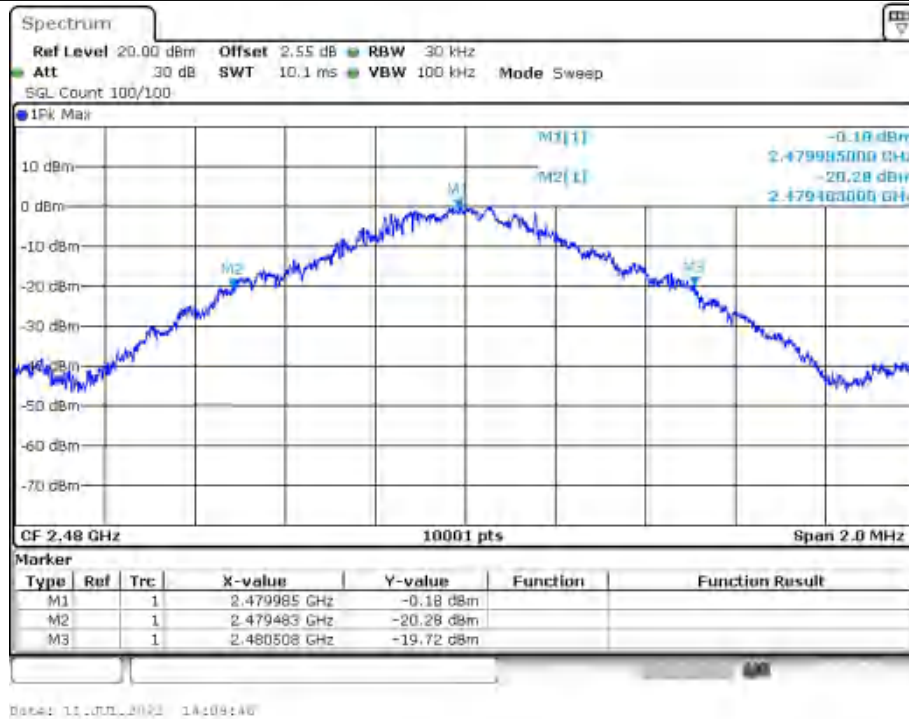
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



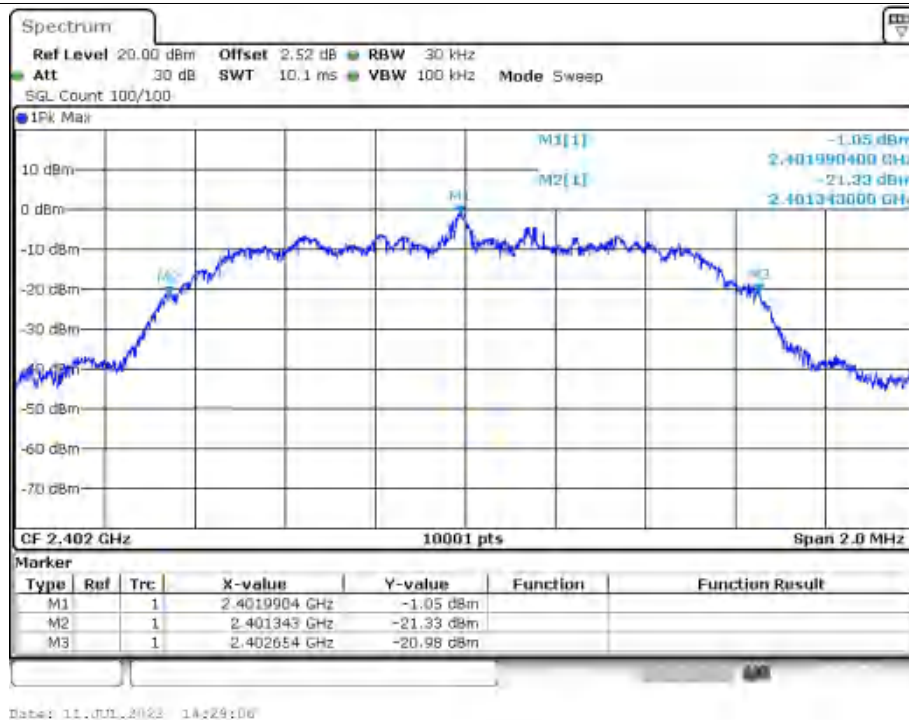
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



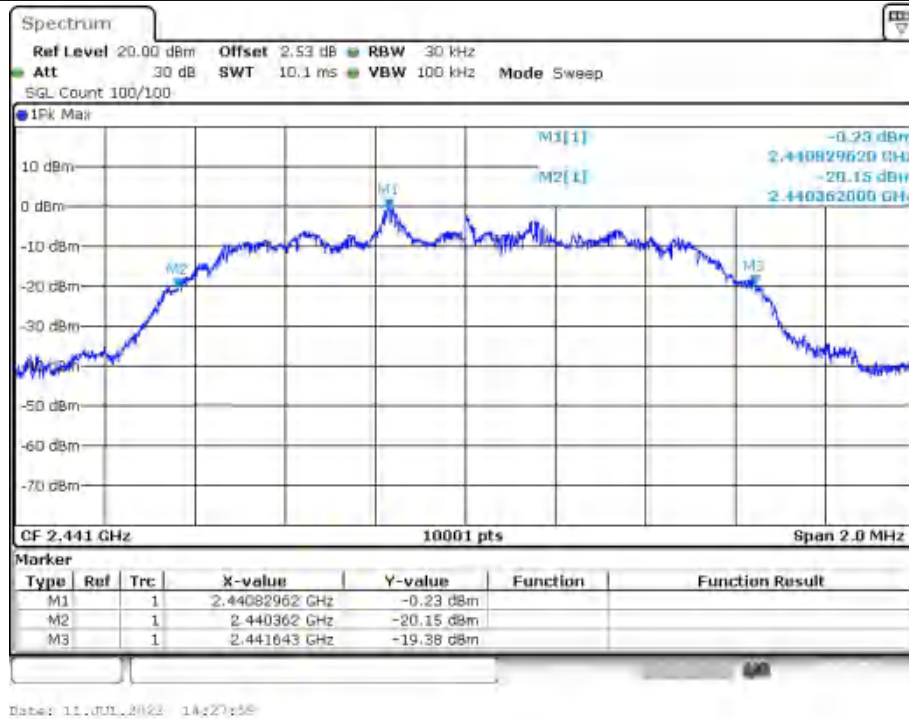
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



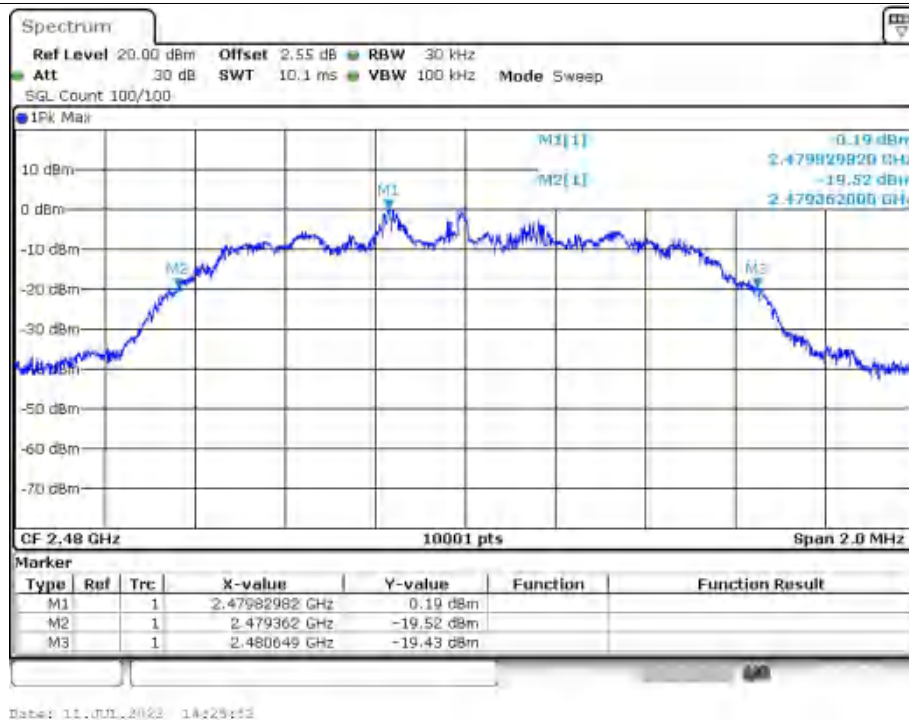
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



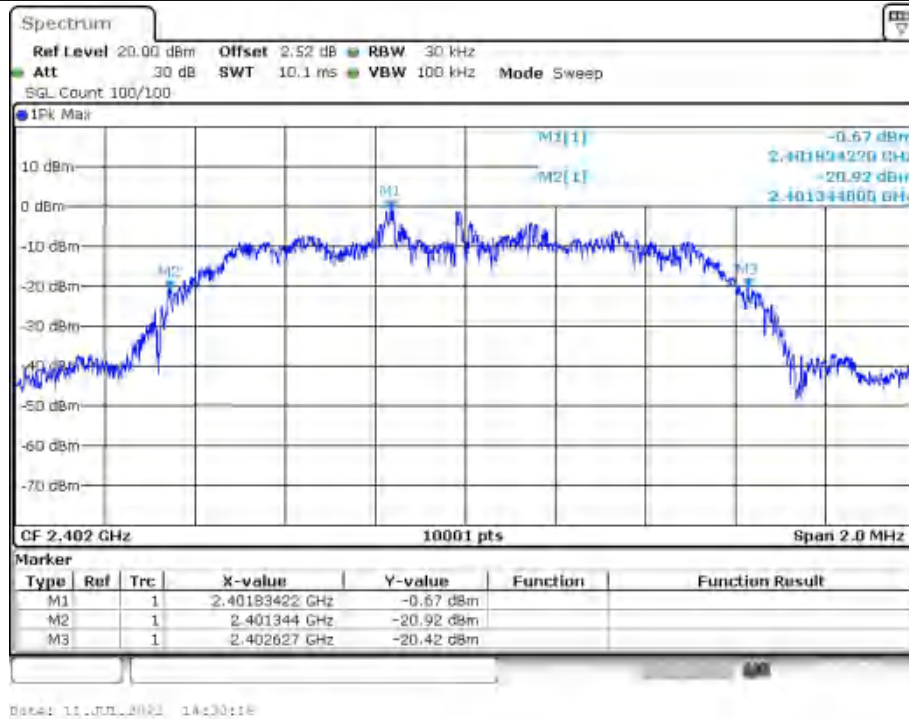
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



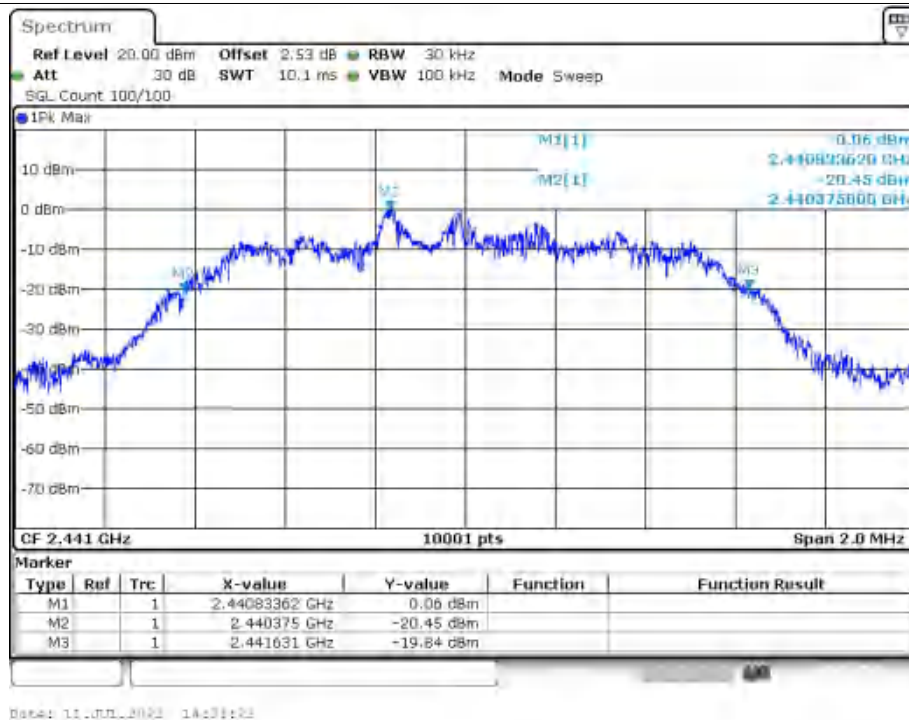
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



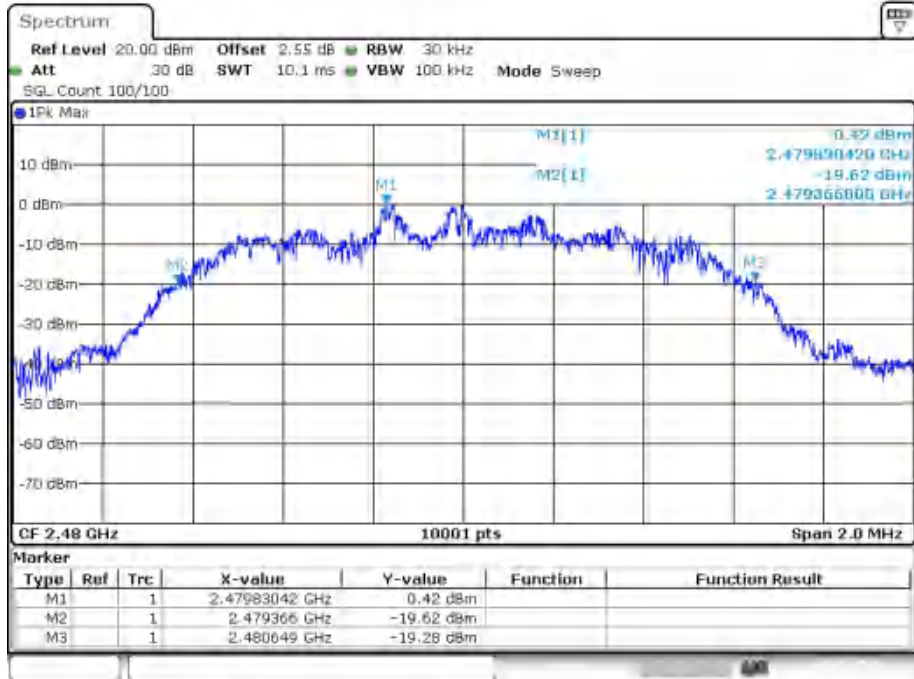
-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1



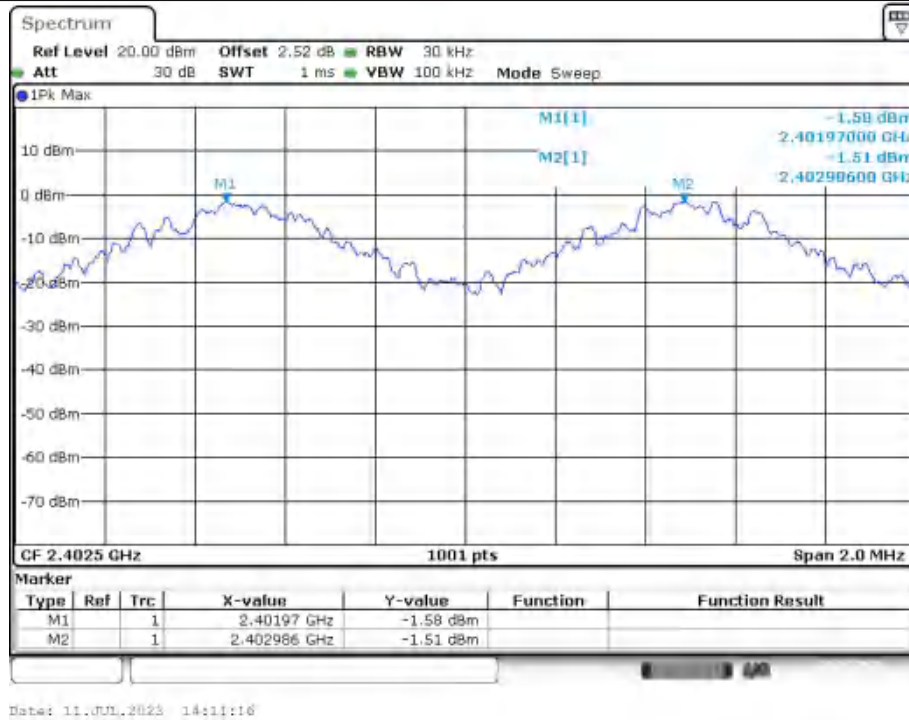
Date: 11.JUL.2022 14:32:23

7.3 Carrier Frequencies Separation

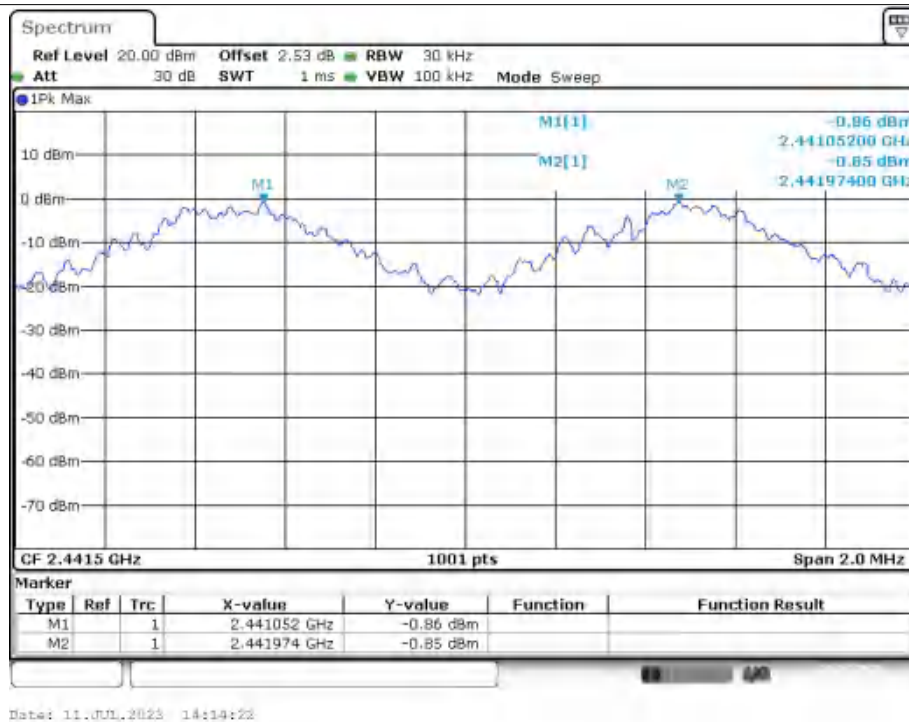
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.97	2402.986	1.016	0.669	Pass
NVNT	1-DH5	Ant1	2441.052	2441.974	0.922	0.679	Pass
NVNT	1-DH5	Ant1	2479.052	2480.054	1.002	0.683	Pass
NVNT	2-DH5	Ant1	2401.84	2402.984	1.144	0.025	Pass
NVNT	2-DH5	Ant1	2440.84	2441.828	0.988	0.025	Pass
NVNT	2-DH5	Ant1	2478.824	2479.998	1.174	0.025	Pass
NVNT	3-DH5	Ant1	2401.988	2402.988	1	0.855	Pass
NVNT	3-DH5	Ant1	2440.988	2441.832	0.844	0.837	Pass
NVNT	3-DH5	Ant1	2478.828	2479.84	1.012	0.855	Pass

Test Graphs

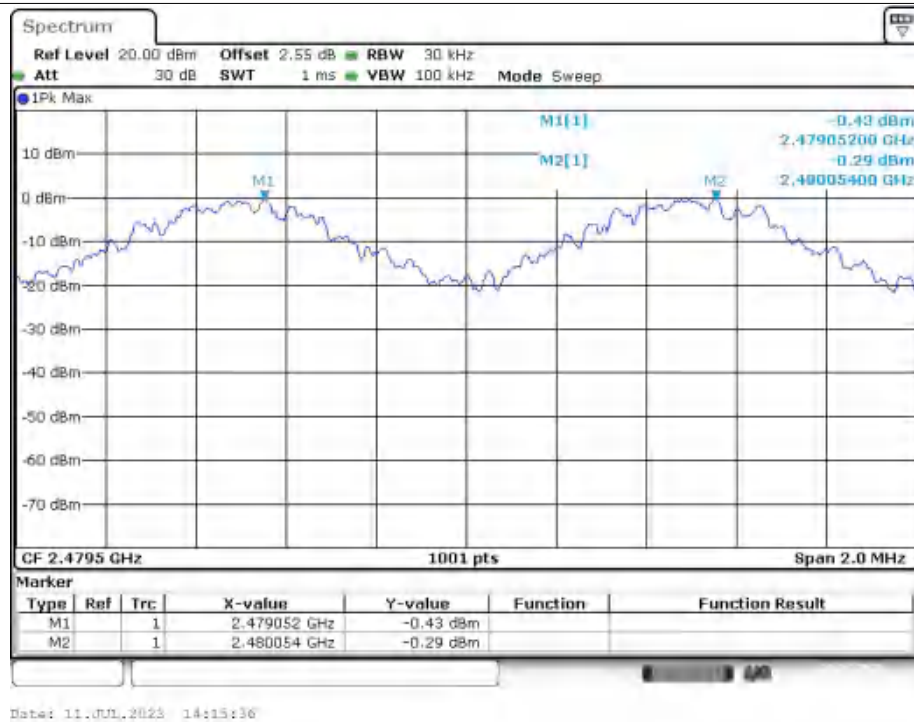
CFS NVNT 1-DH5 2402MHz Ant1



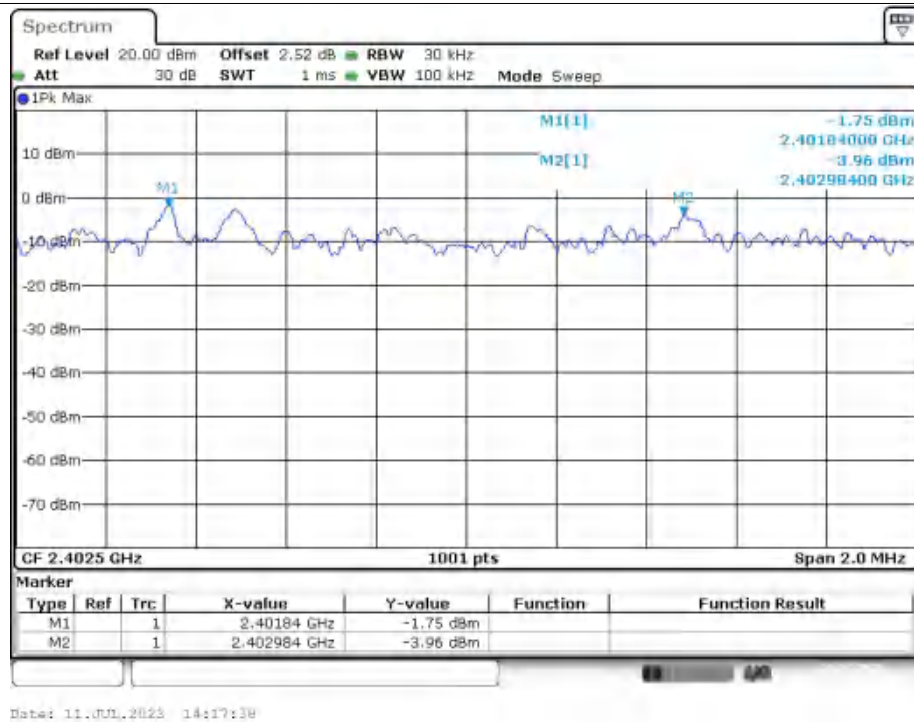
CFS NVNT 1-DH5 2441MHz Ant1



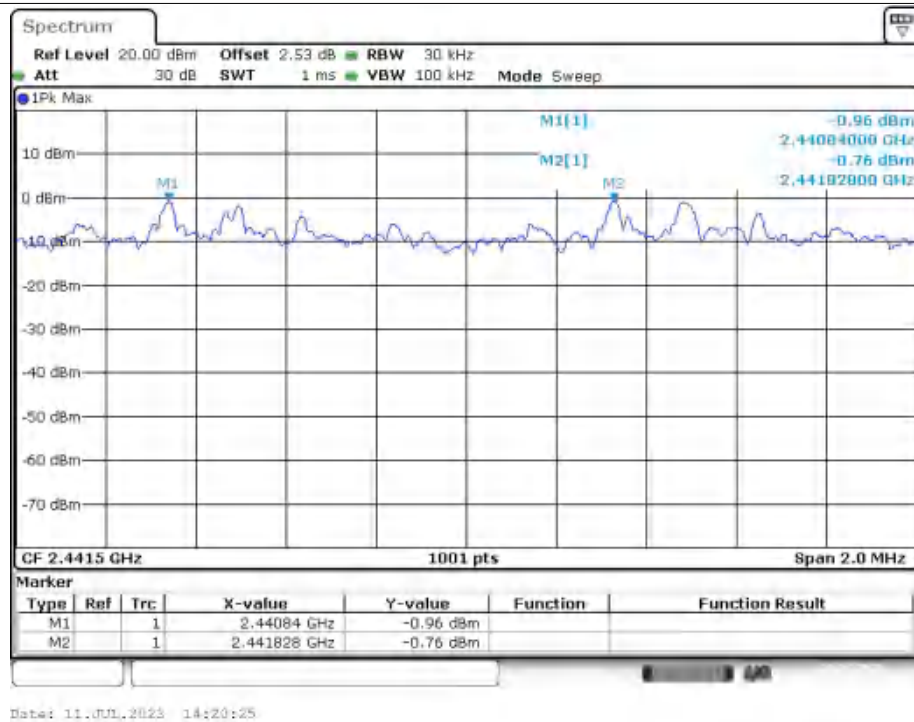
CFS NVNT 1-DH5 2480MHz Ant1



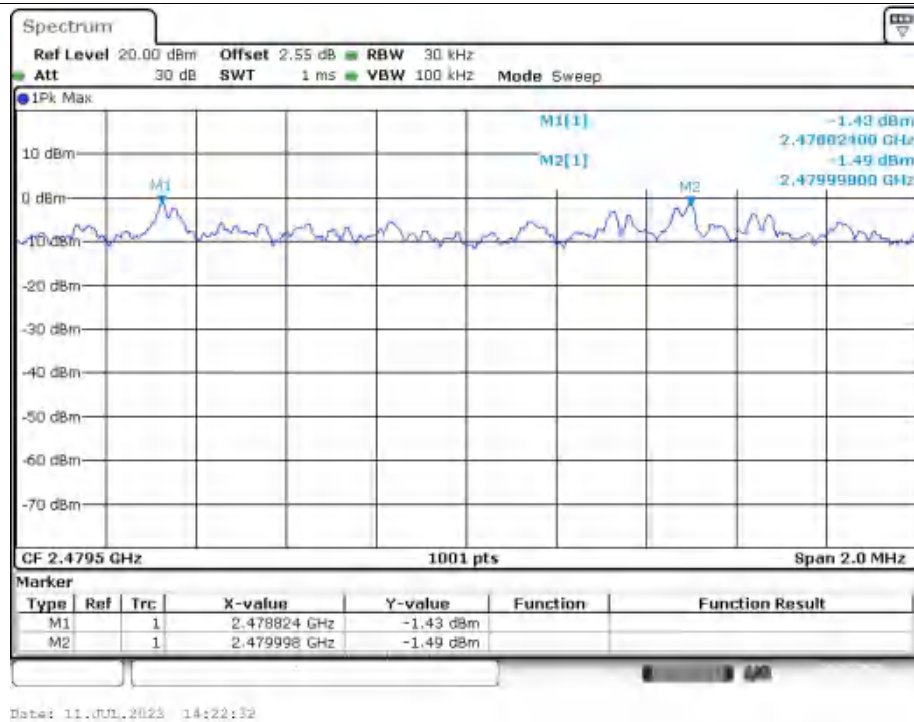
CFS NVNT 2-DH5 2402MHz Ant1



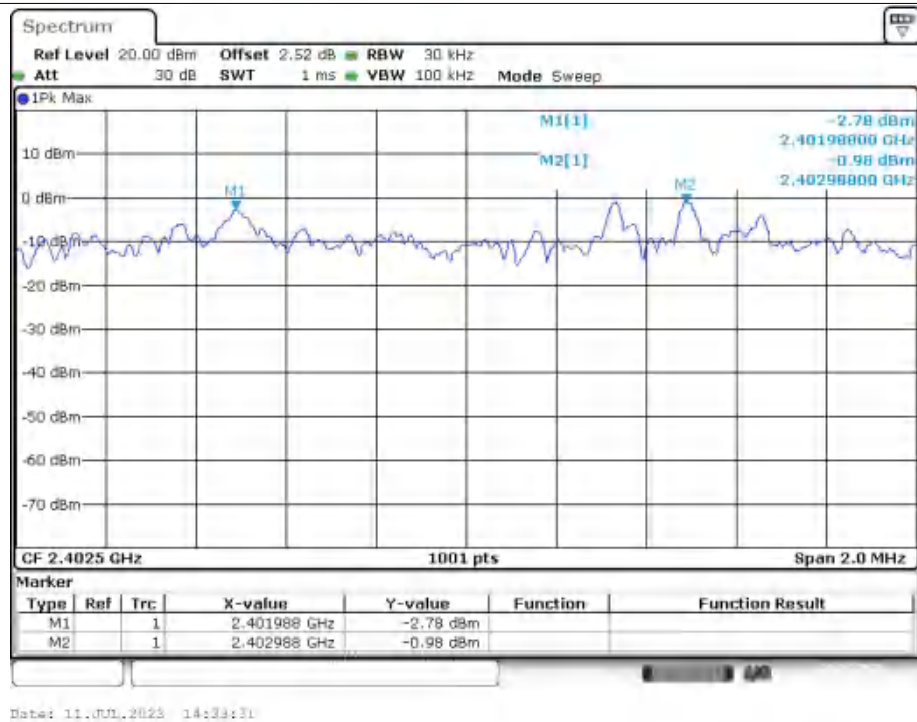
CFS NVNT 2-DH5 2441MHz Ant1



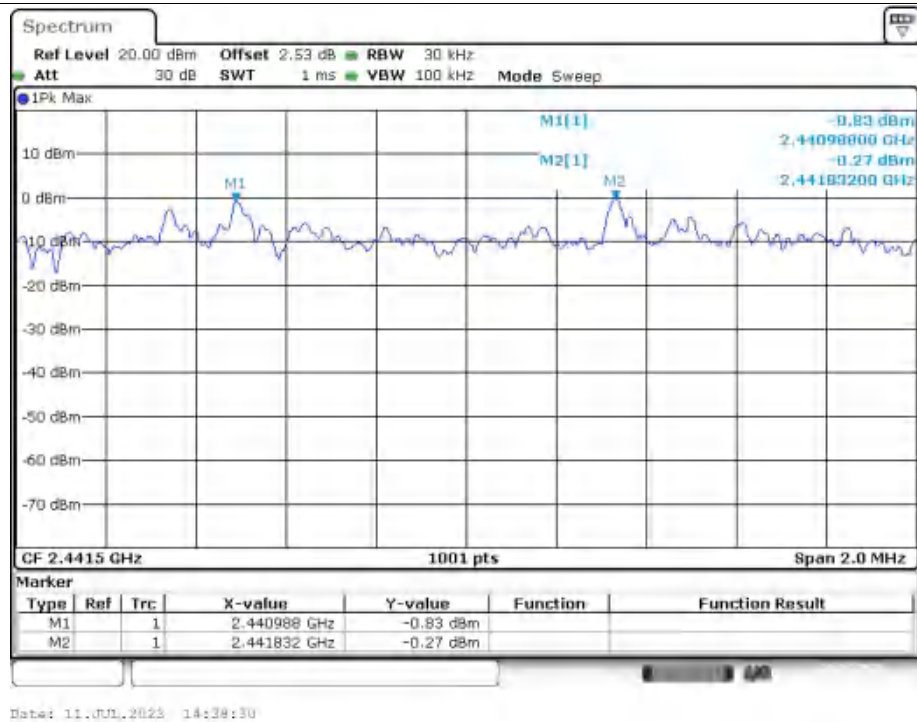
CFS NVNT 2-DH5 2480MHz Ant1

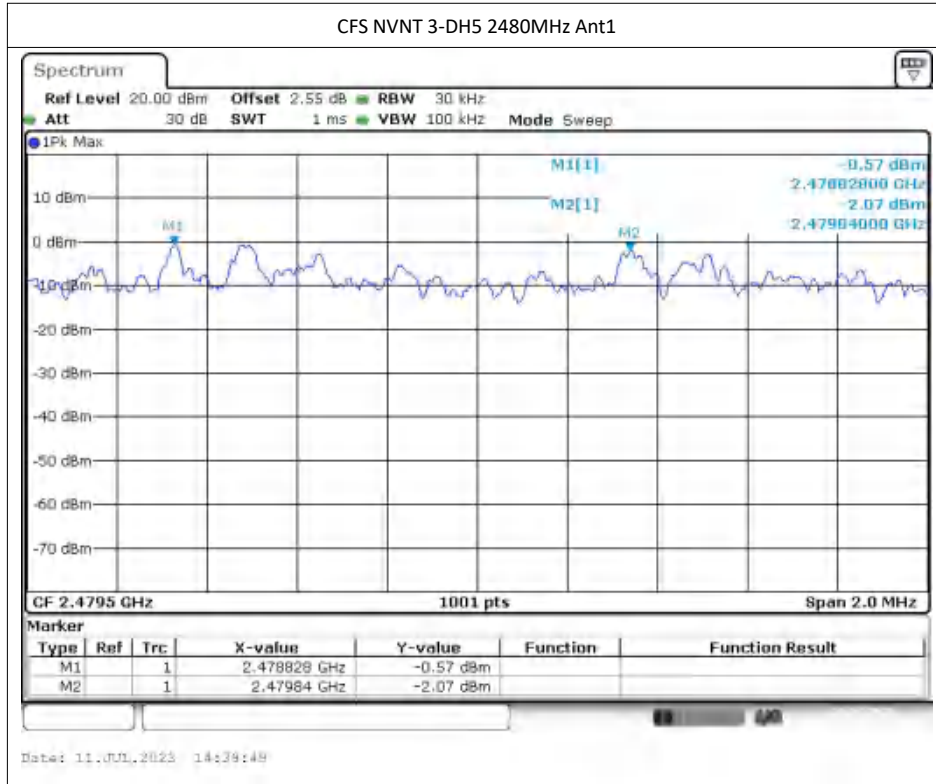


CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1



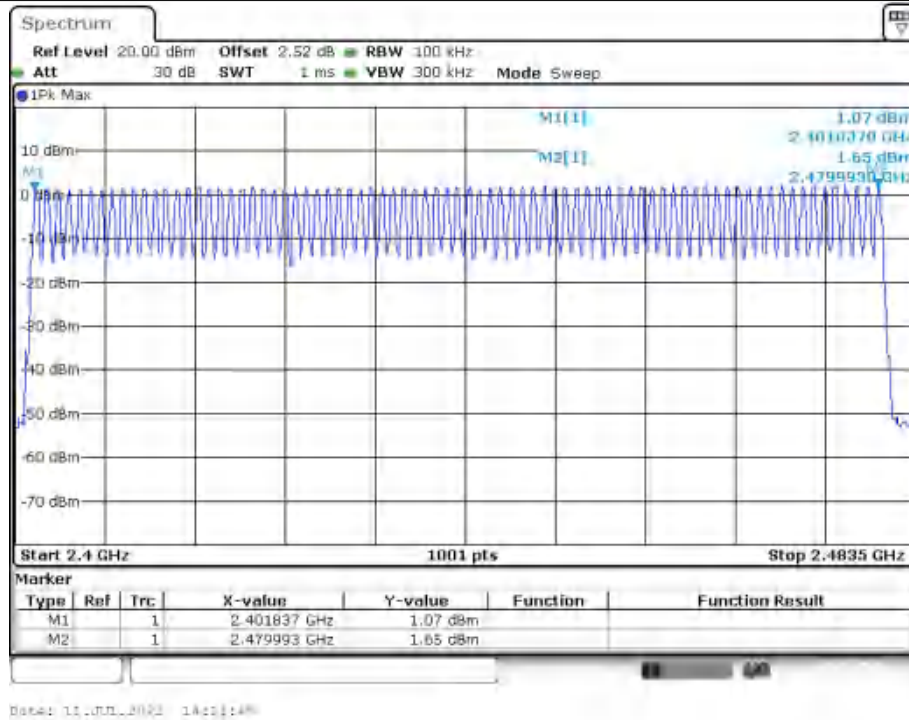


7.4 Number of Hopping Channel

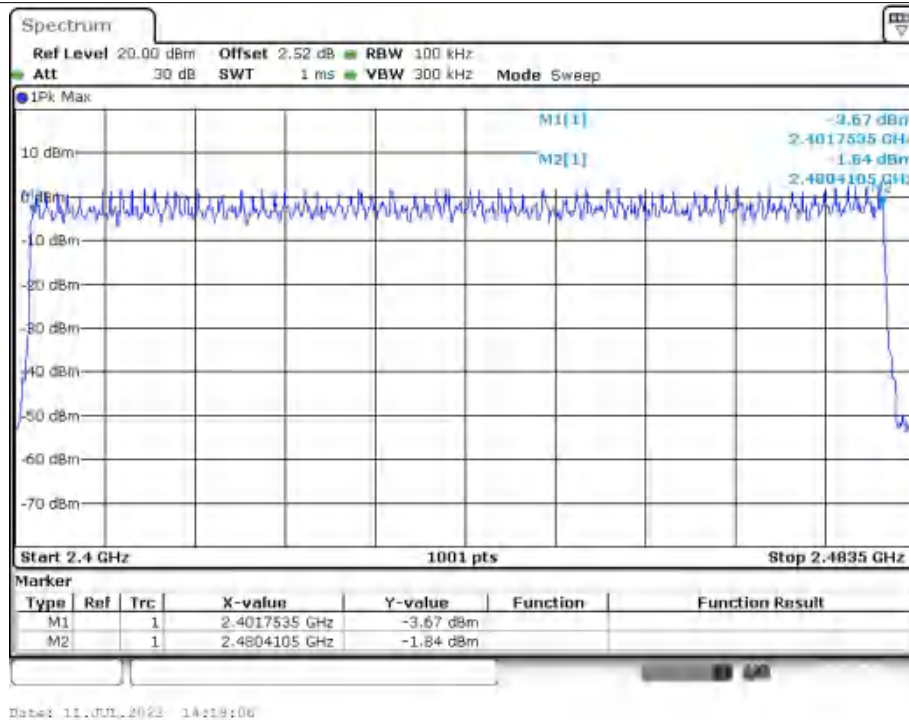
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

Test Graphs

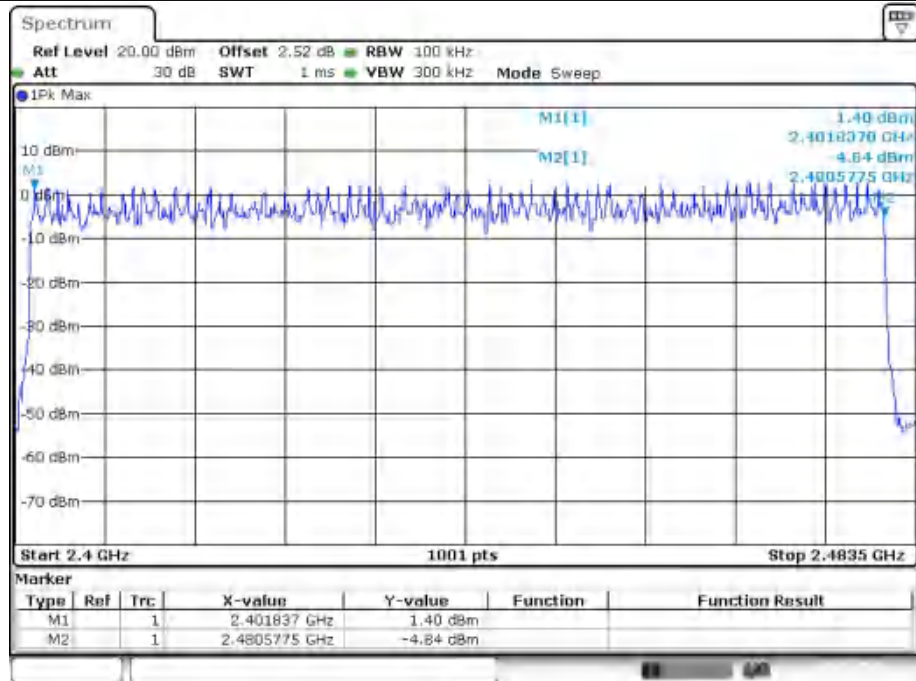
Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



Hopping No. NVNT 3-DH5 2402MHz Ant1



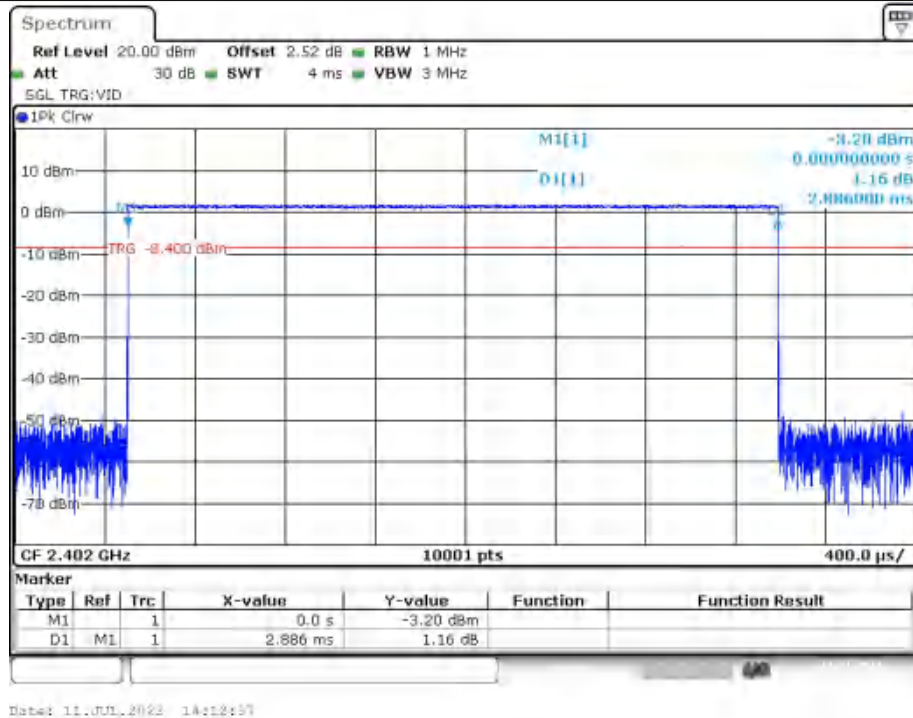
Date: 11.JUL.2022 14:34:07

7.5 Dwell Time

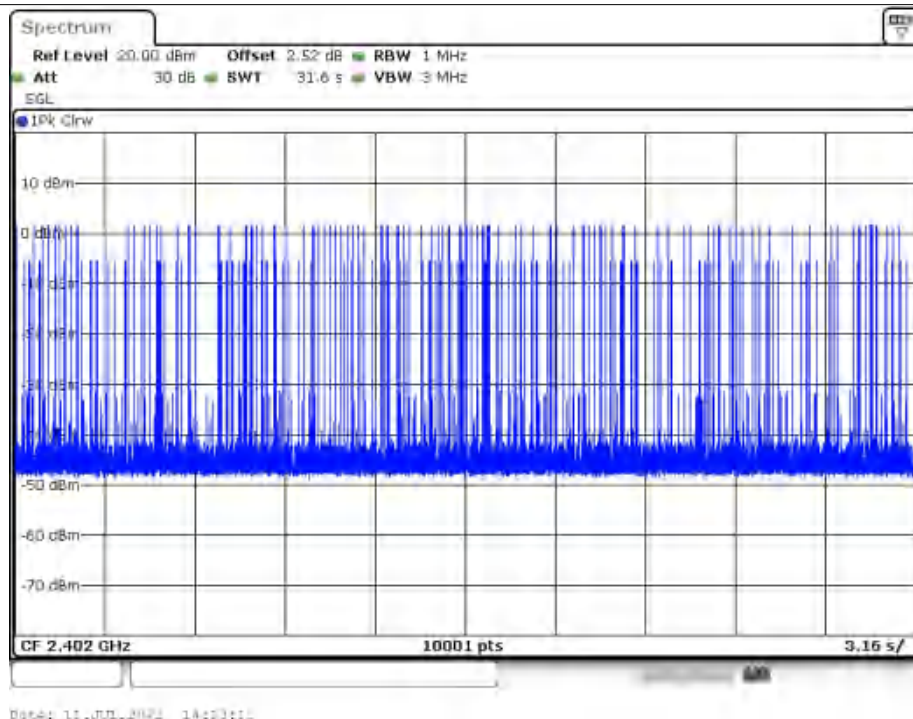
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.886	331.89	115	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.886	274.17	95	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.887	317.57	110	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.892	274.74	95	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.891	312.228	108	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.892	309.444	107	31600	400	Pass
NVNT	3-DH5	2402	Ant1	0.895	90.395	101	31600	400	Pass
NVNT	3-DH5	2441	Ant1	0.895	96.66	108	31600	400	Pass
NVNT	3-DH5	2480	Ant1	0.896	90.496	101	31600	400	Pass

Test Graphs

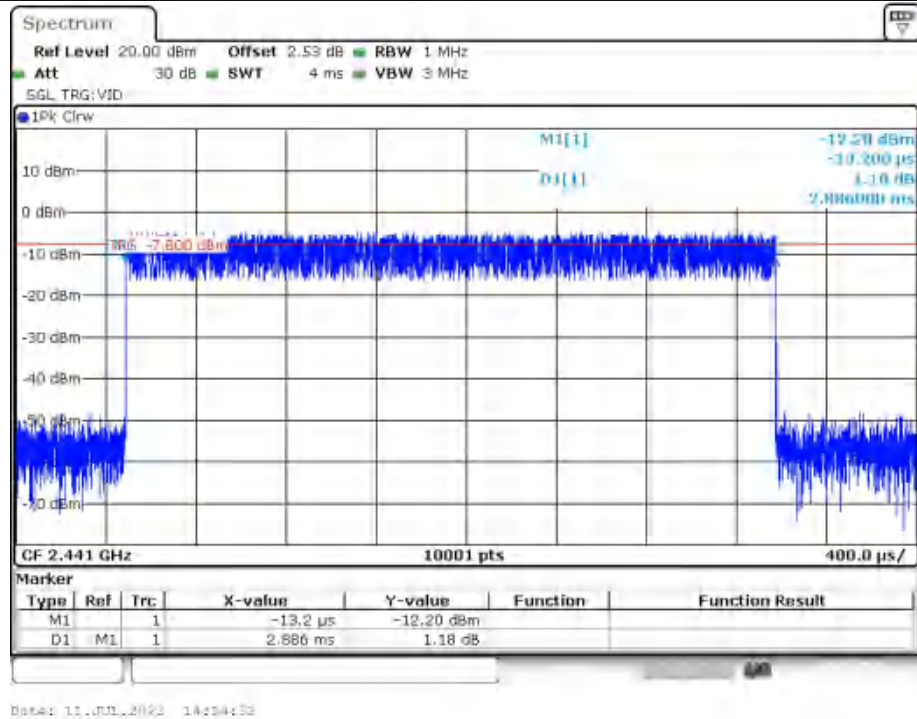
Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



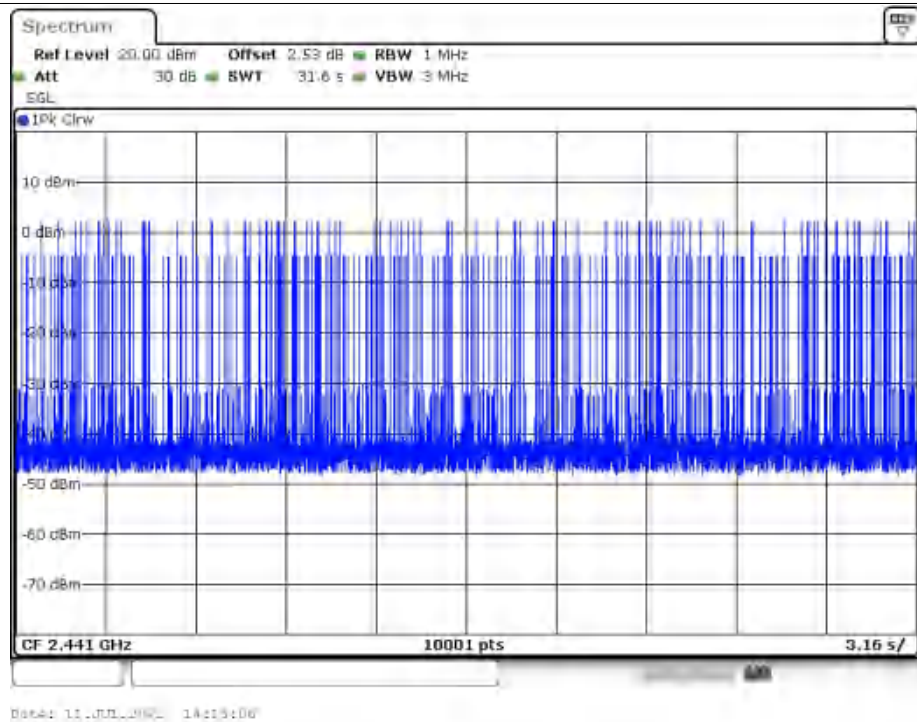
Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



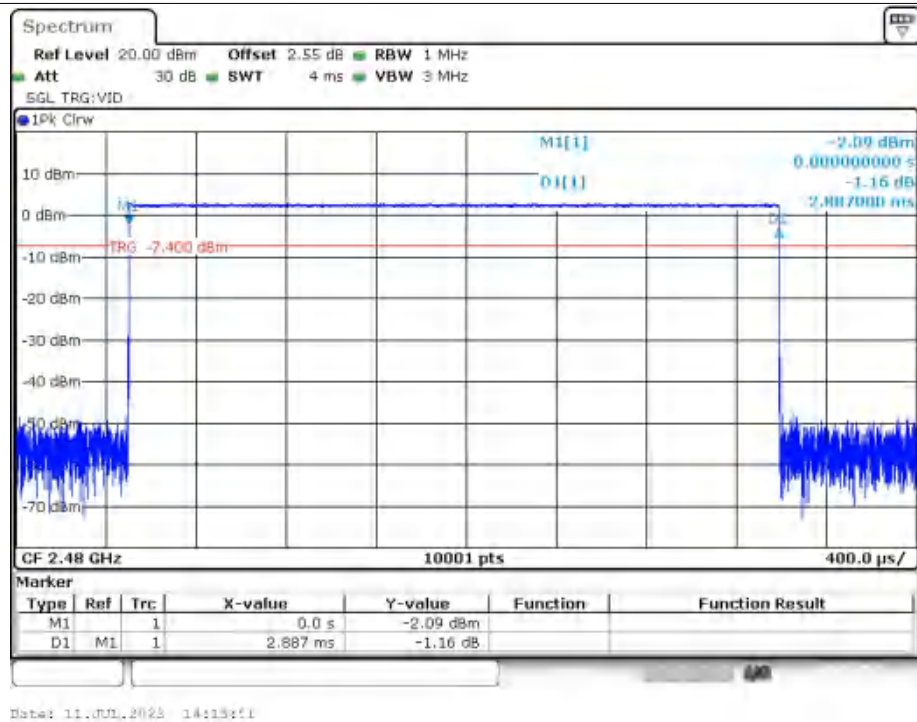
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



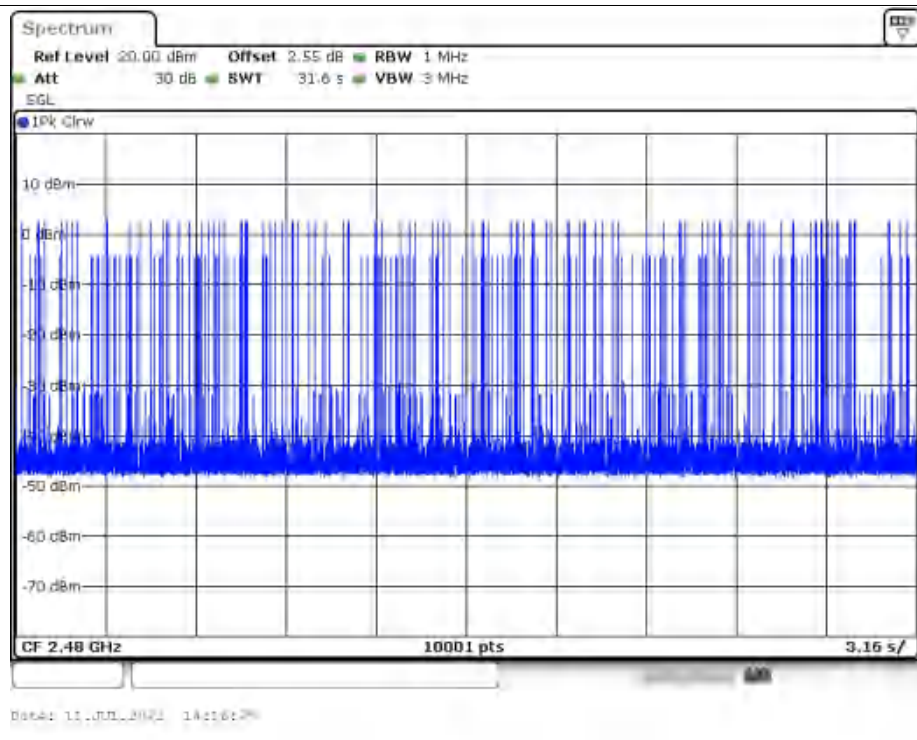
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



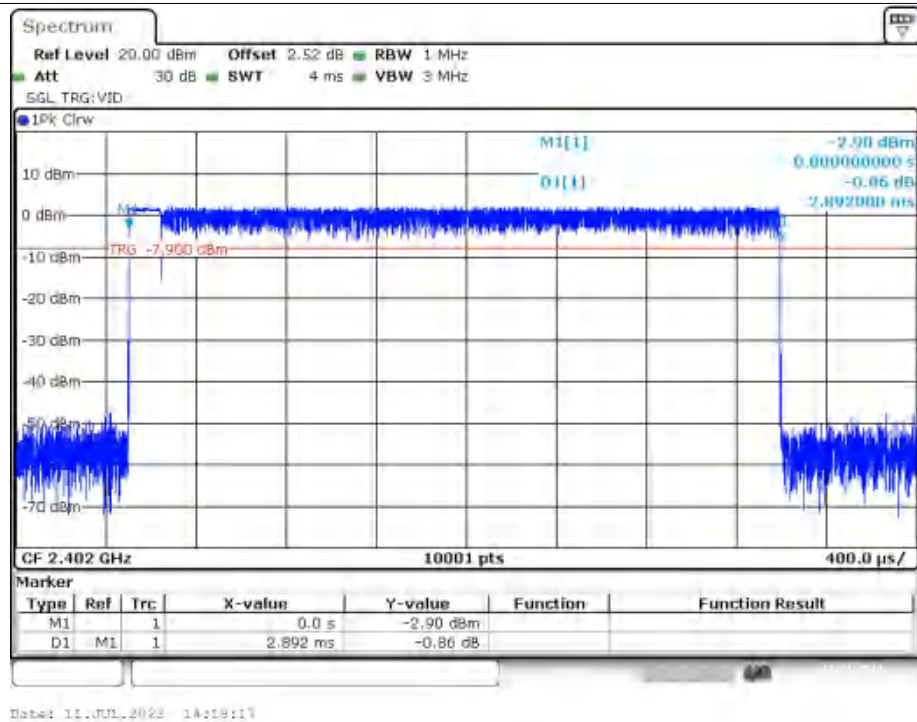
Dwell NVNT 1-DH5 2480MHz Ant1 One Burst



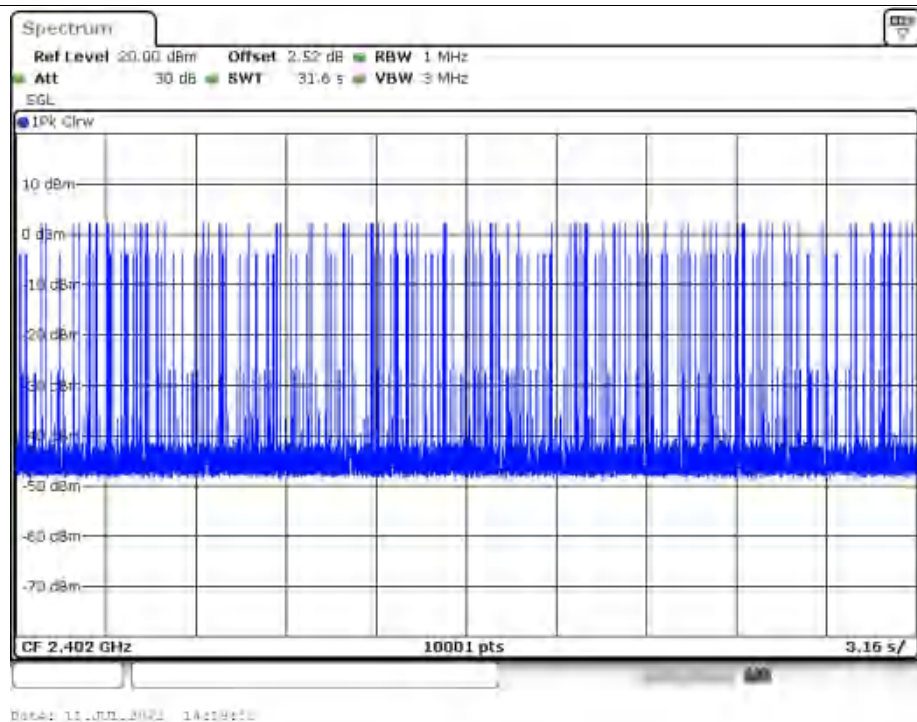
Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated



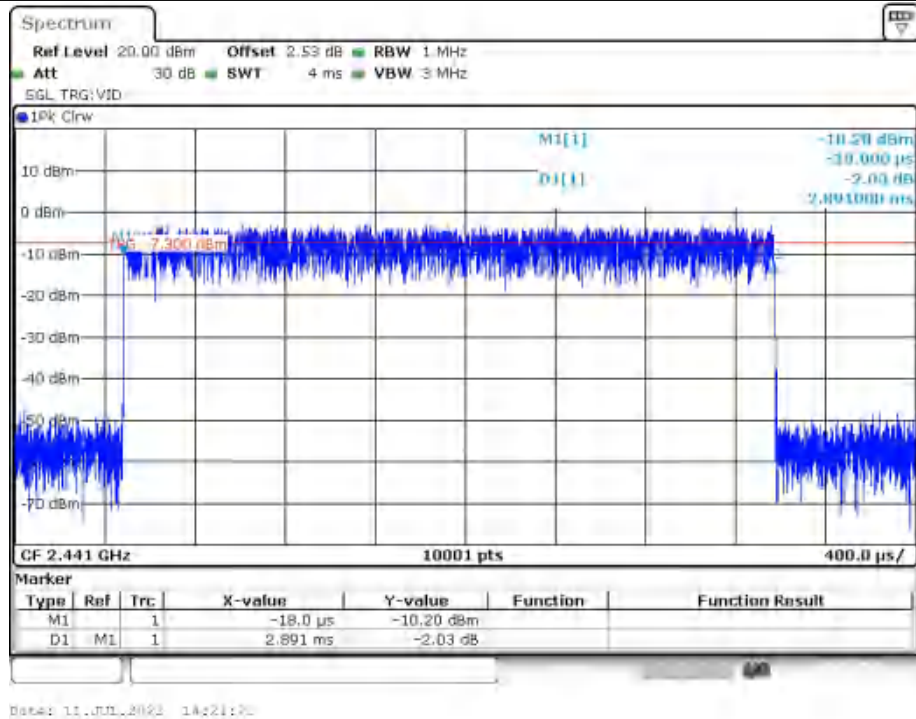
Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



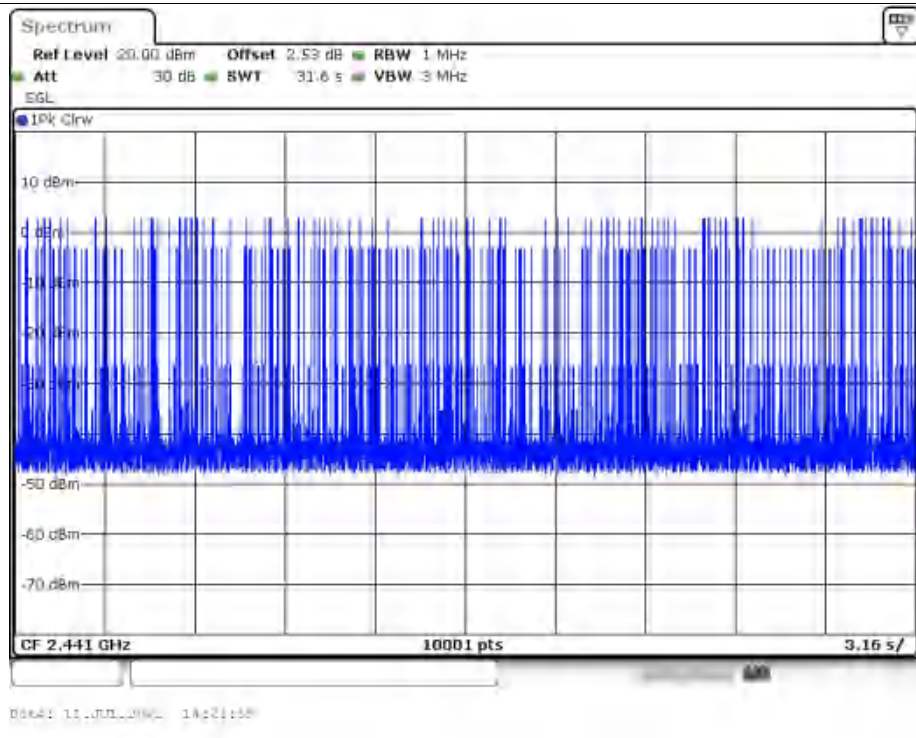
Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated



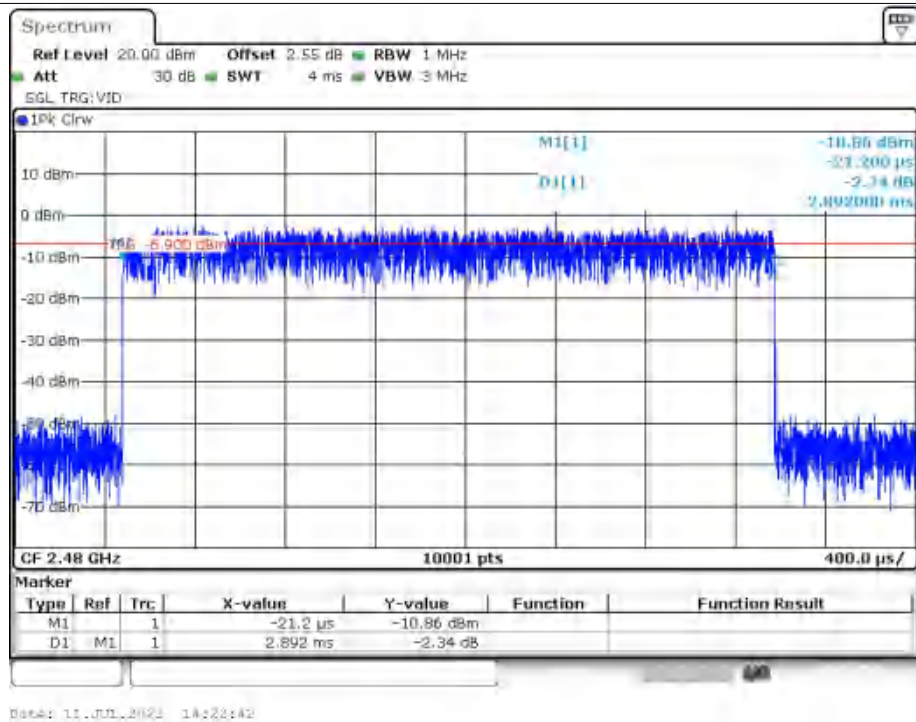
Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



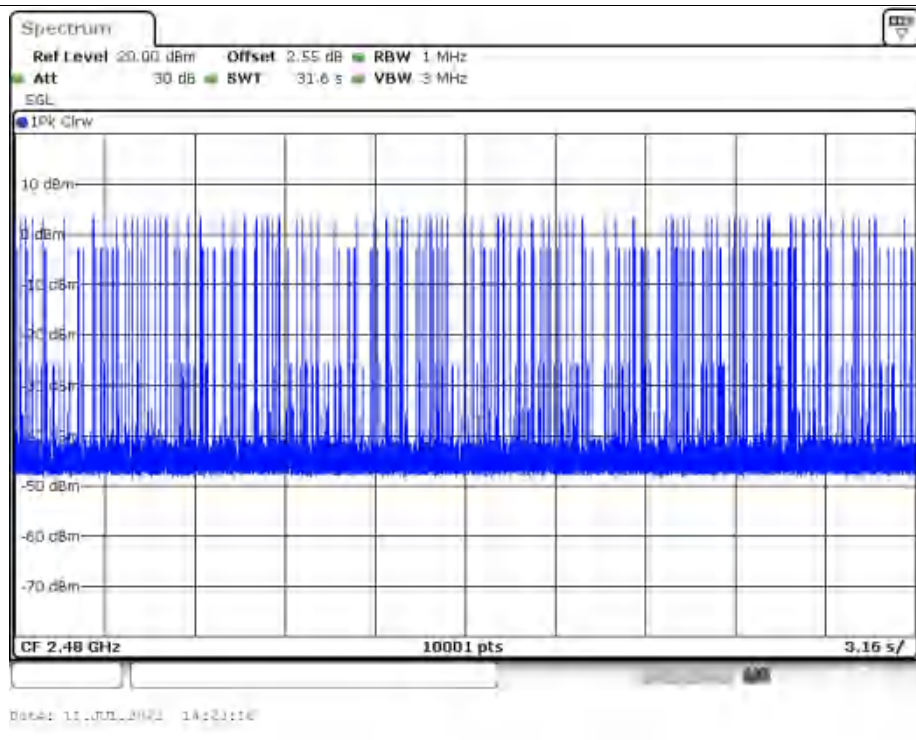
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



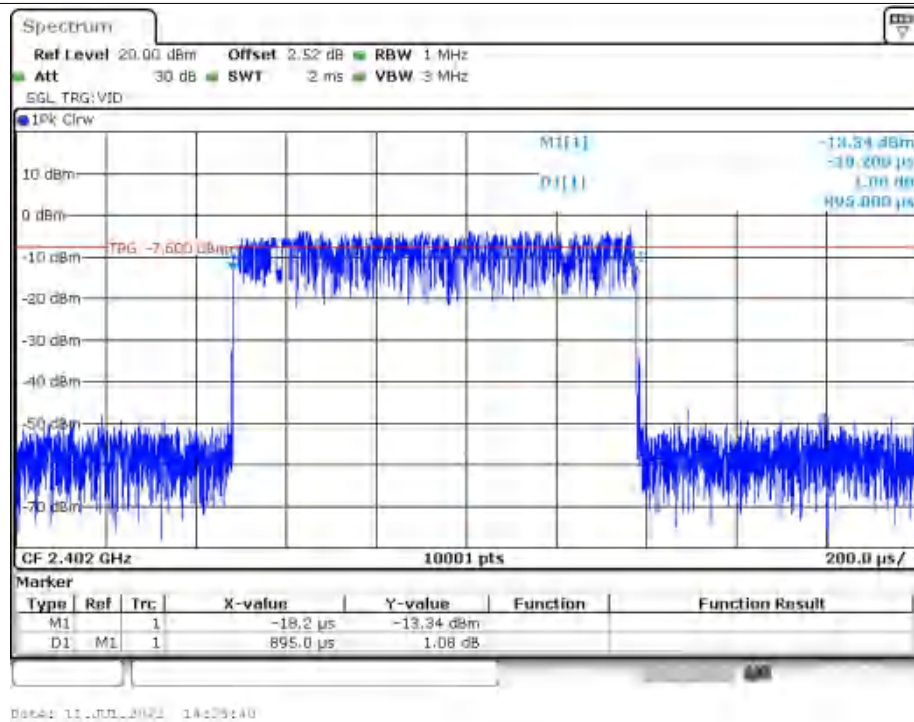
Dwell NVNT 2-DH5 2480MHz Ant1 One Burst



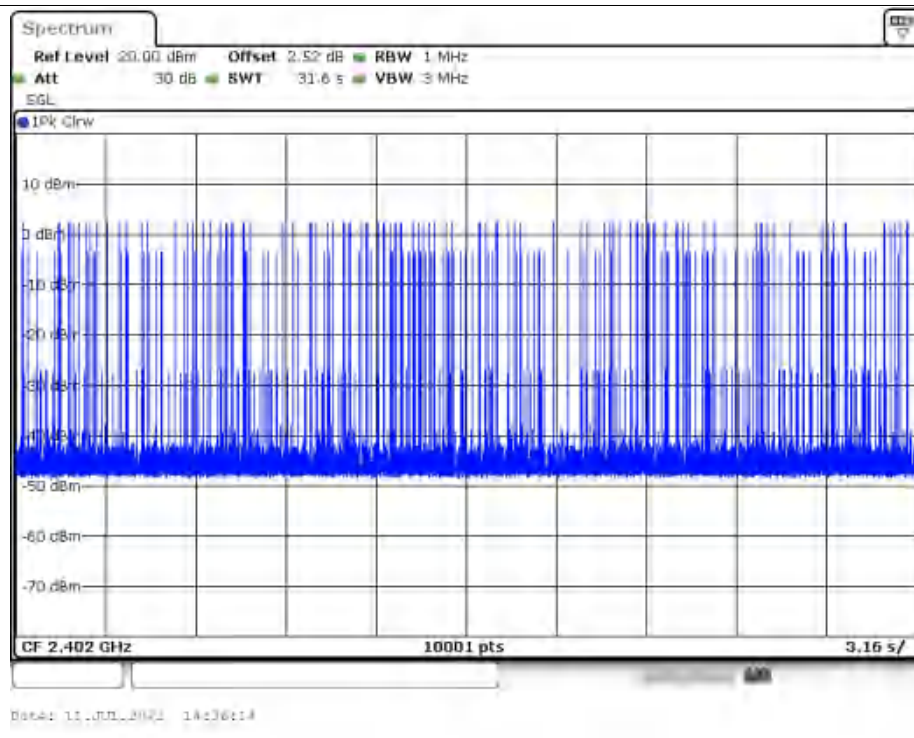
Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated



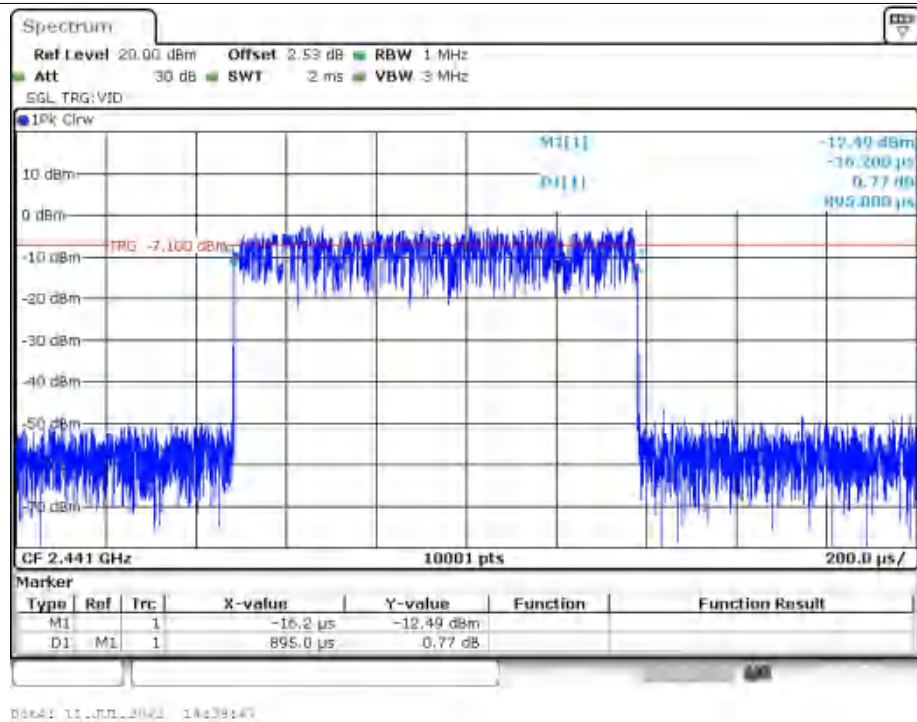
Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



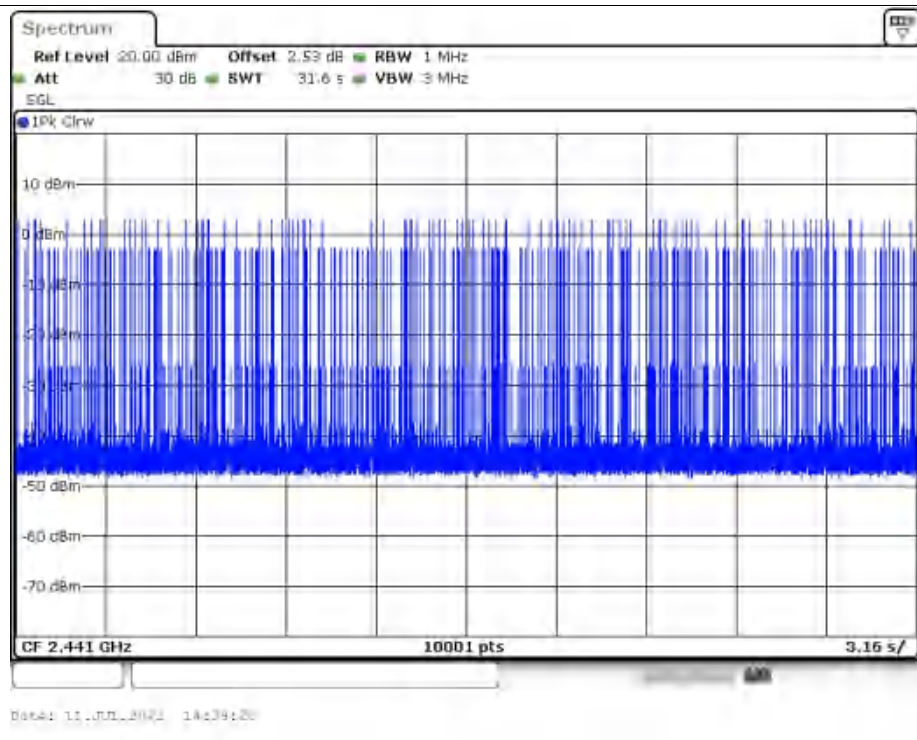
Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated



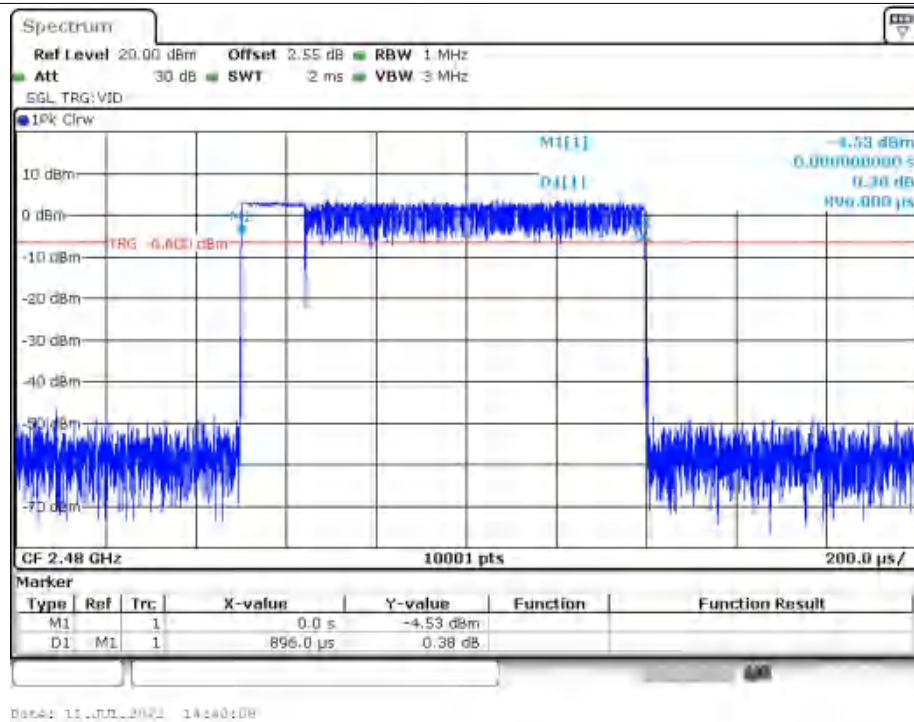
Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



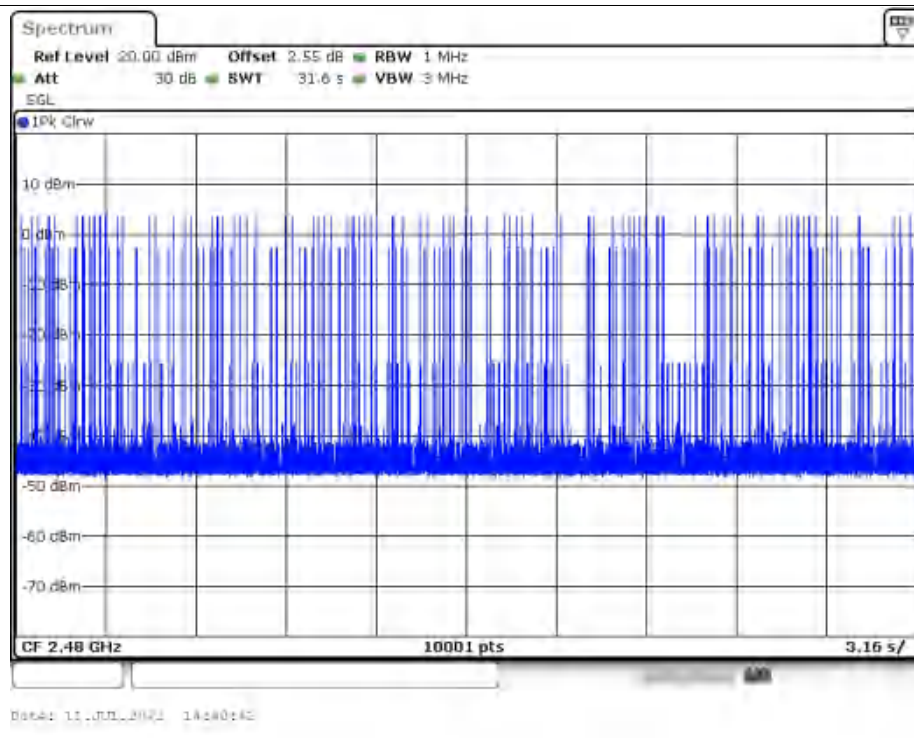
Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2480MHz Ant1 One Burst



Dwell NVNT 3-DH5 2480MHz Ant1 Accumulated

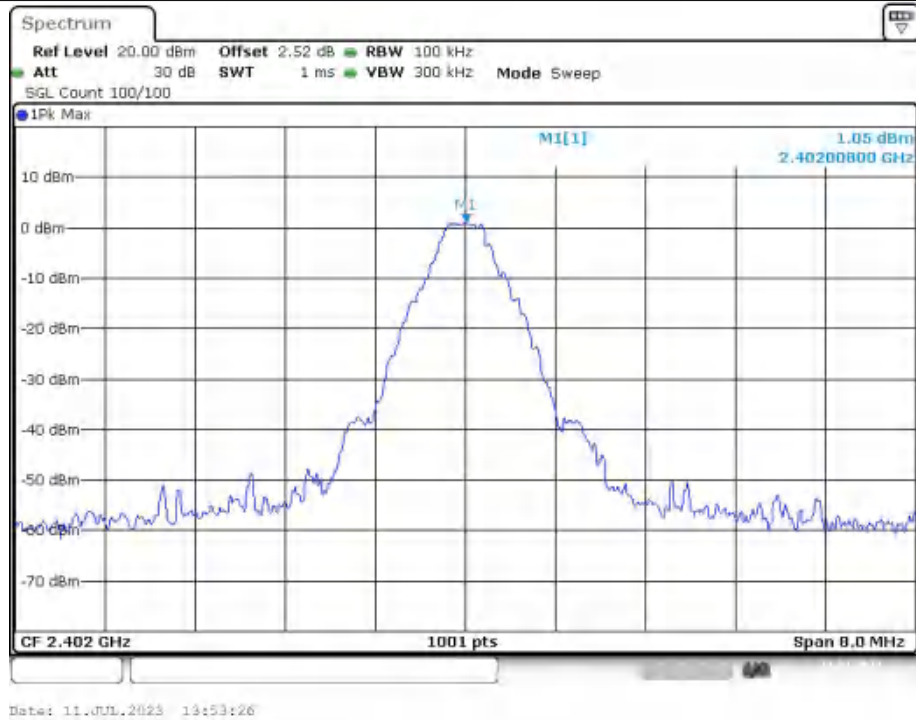


7.6 Band Edge

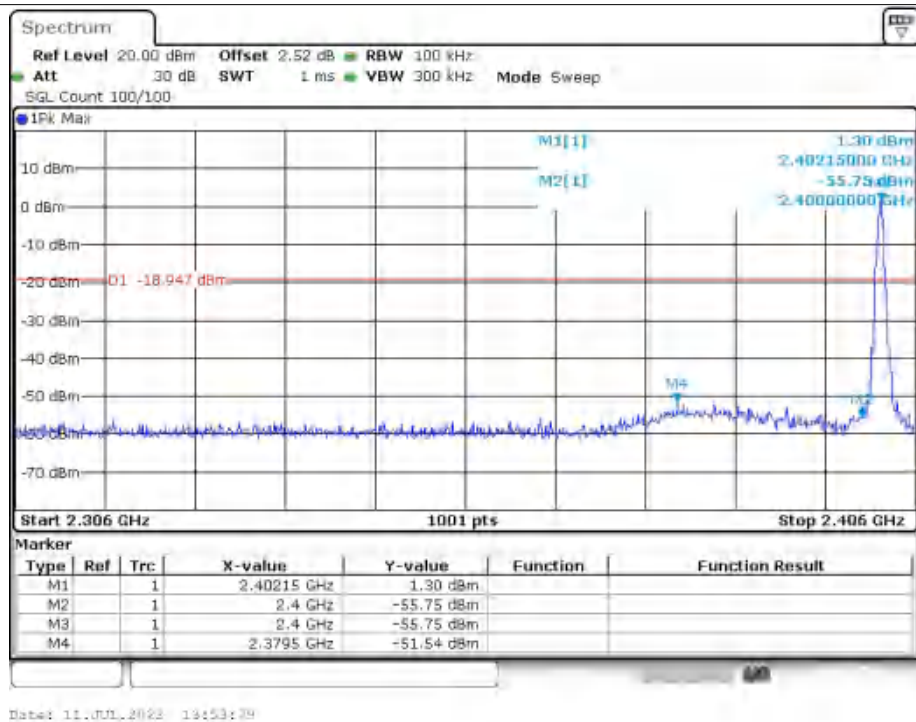
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-52.59	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-53.56	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-50.78	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-54.21	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-52.61	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-54.4	-20	Pass

Test Graphs

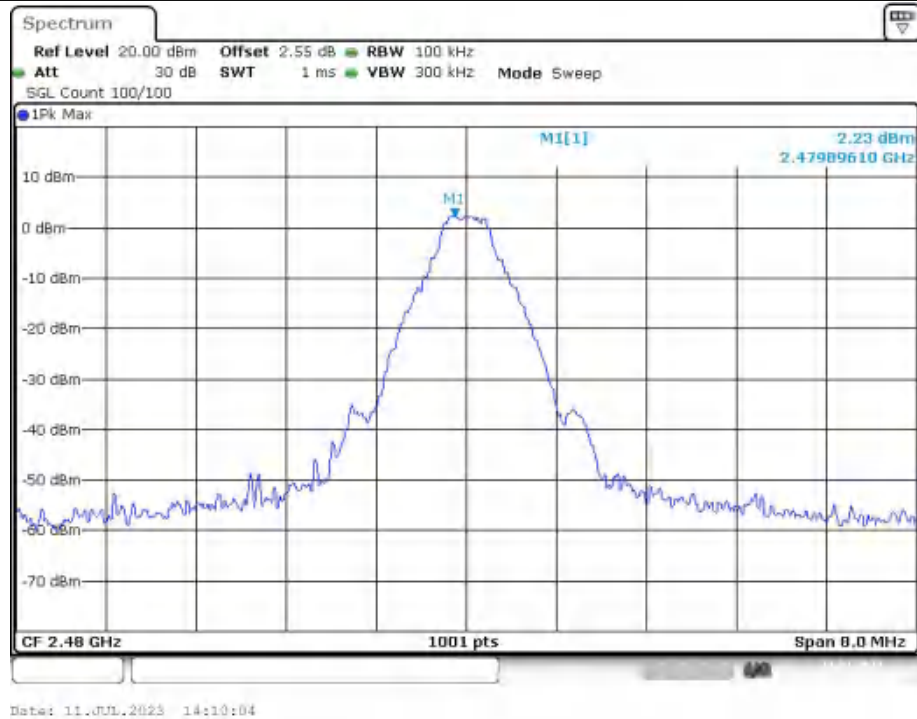
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



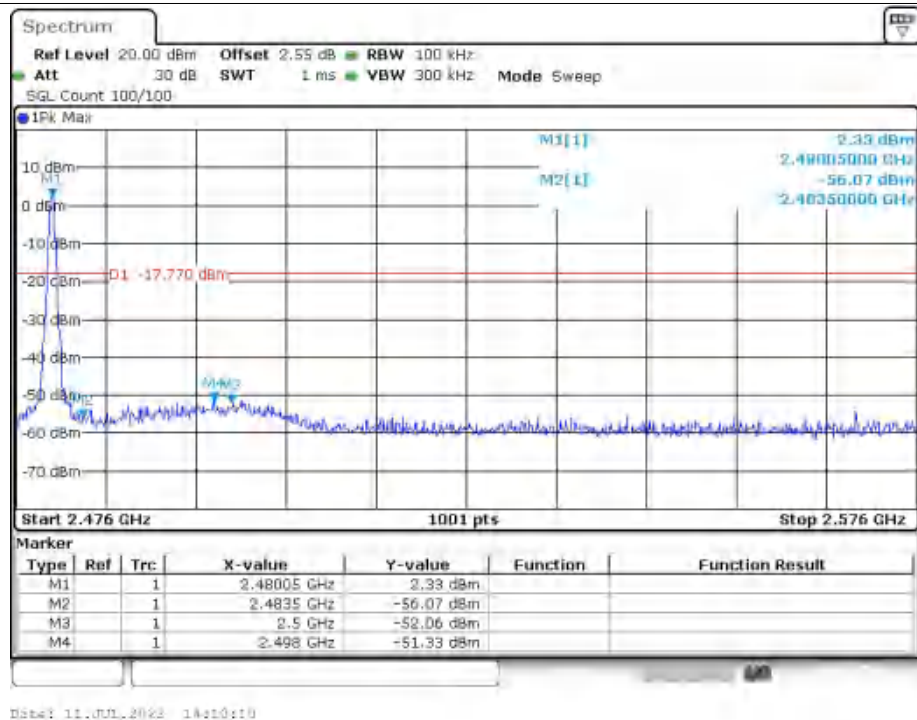
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



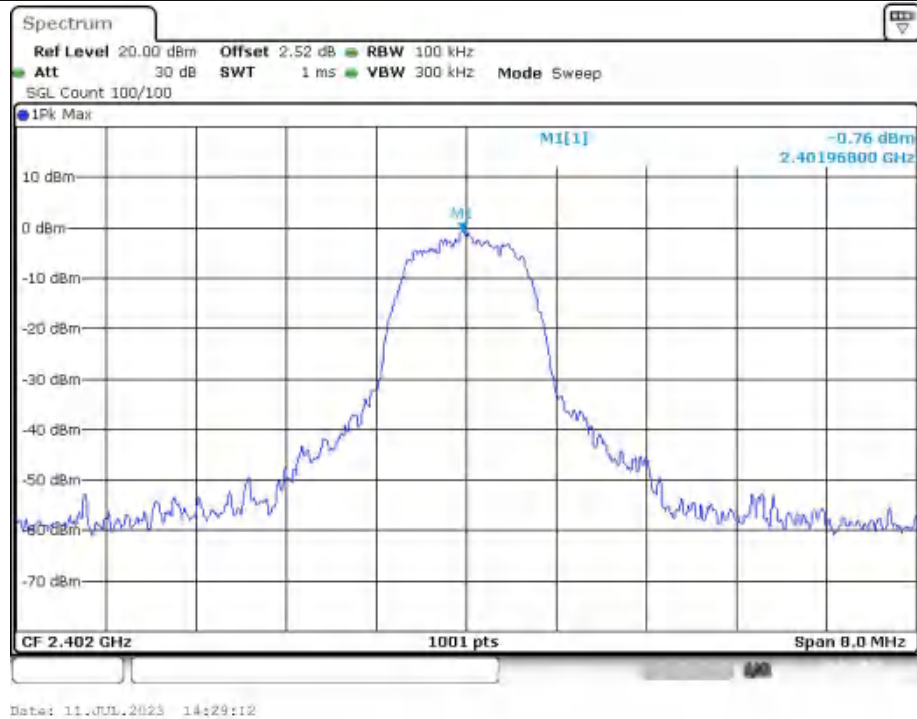
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



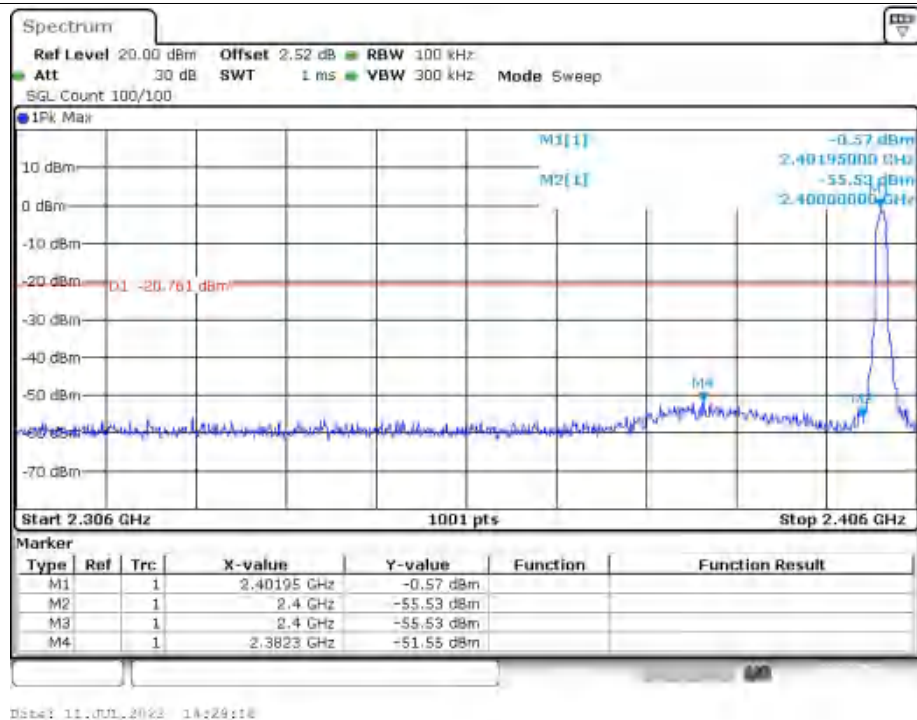
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



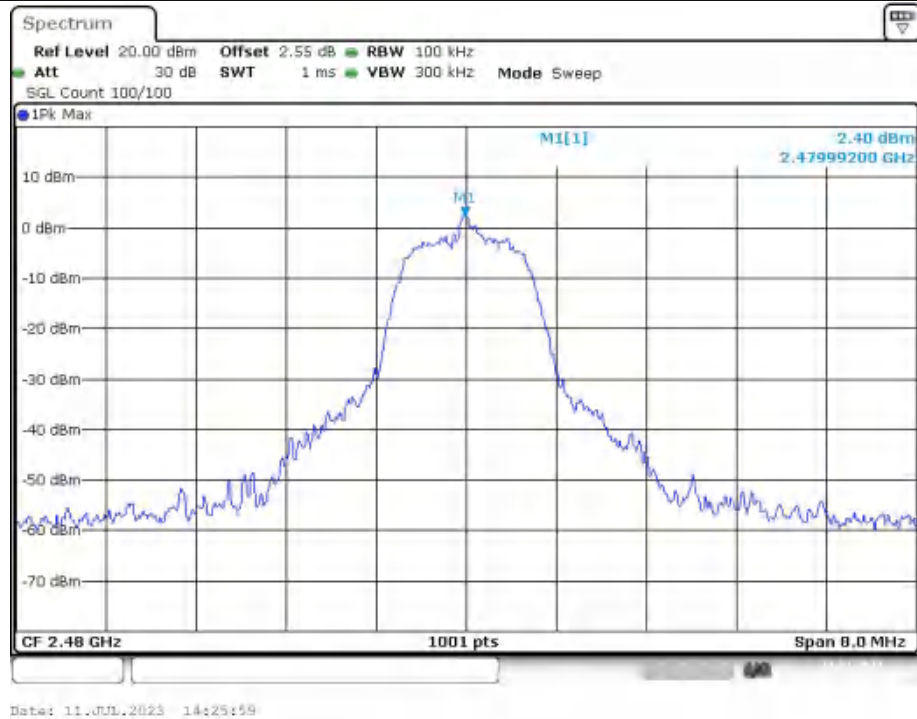
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



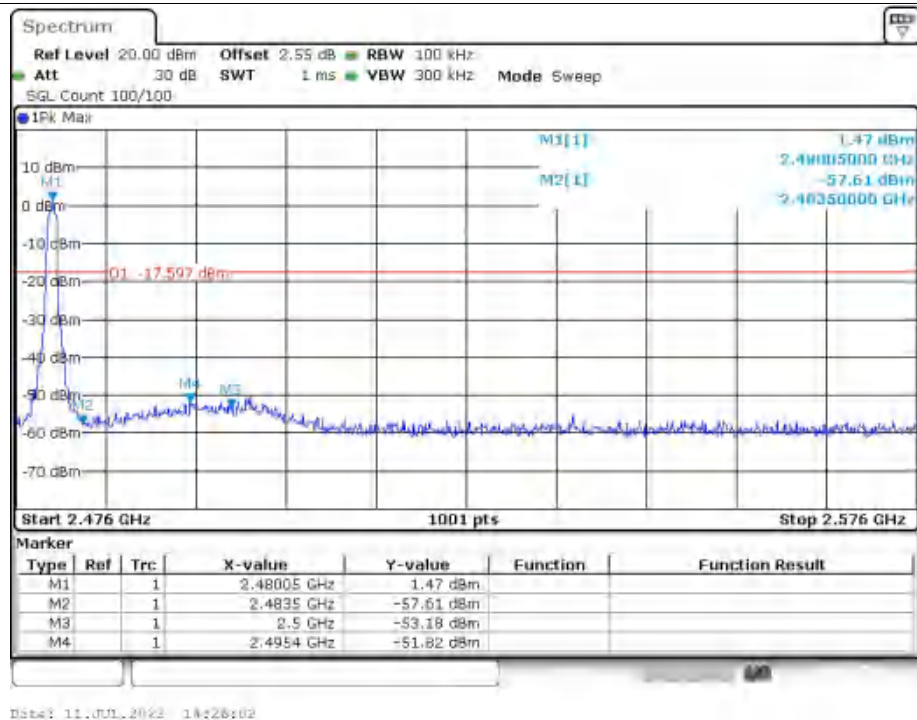
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



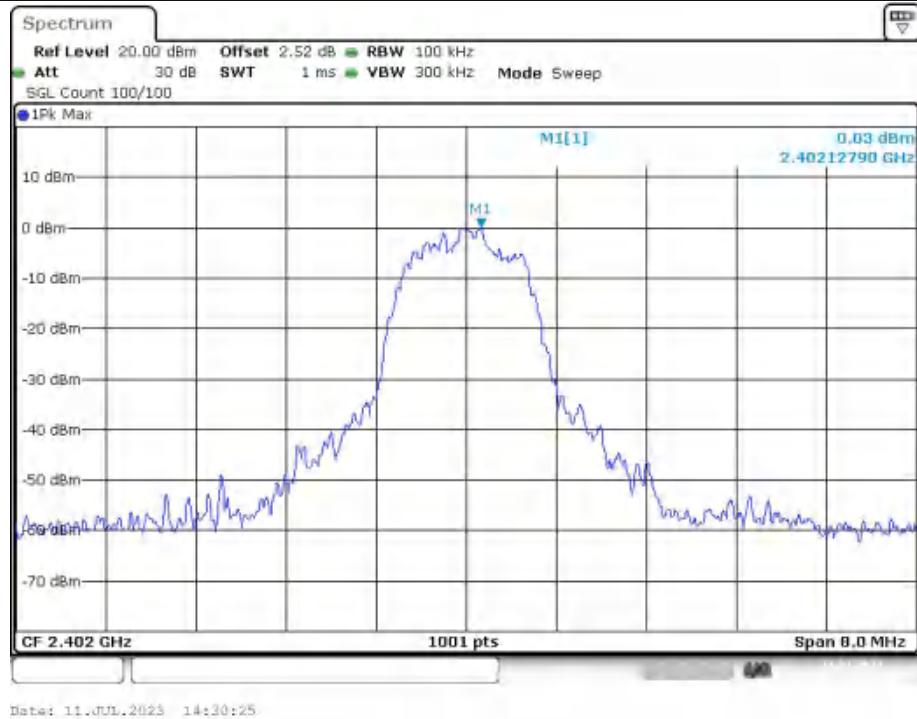
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



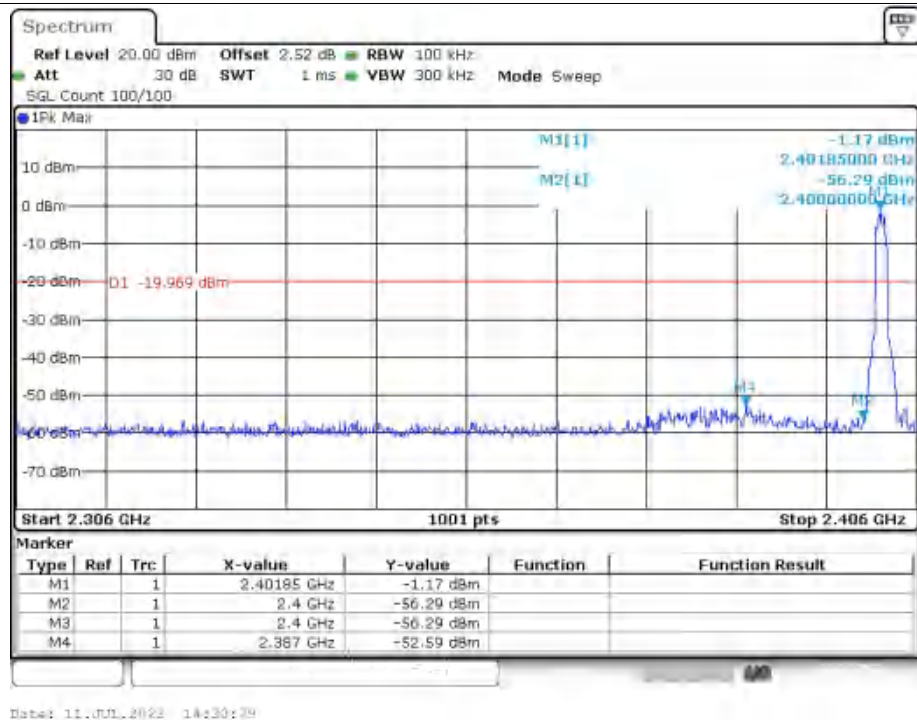
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



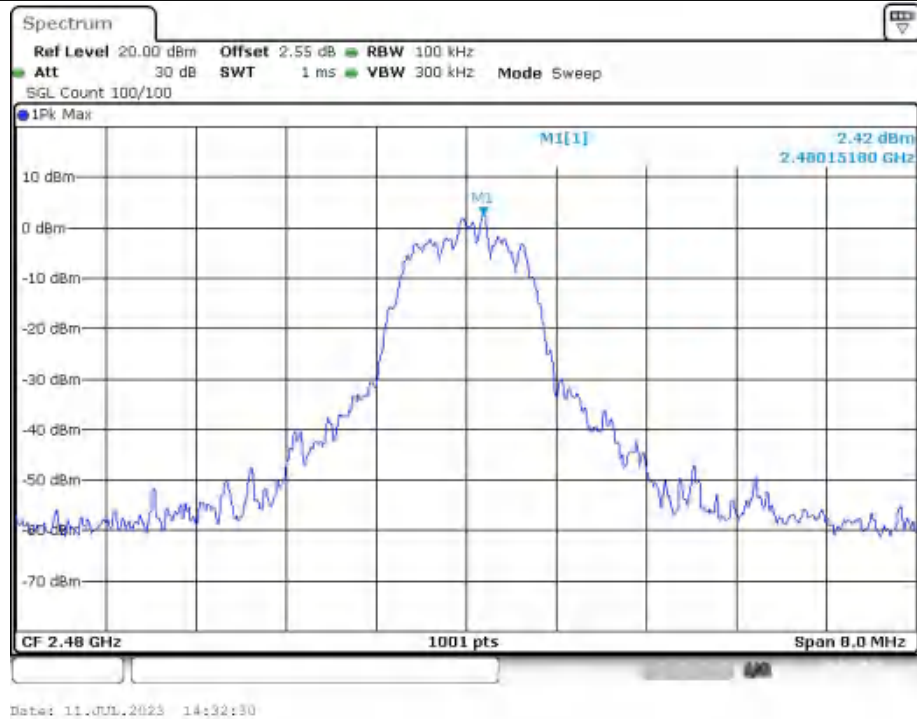
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



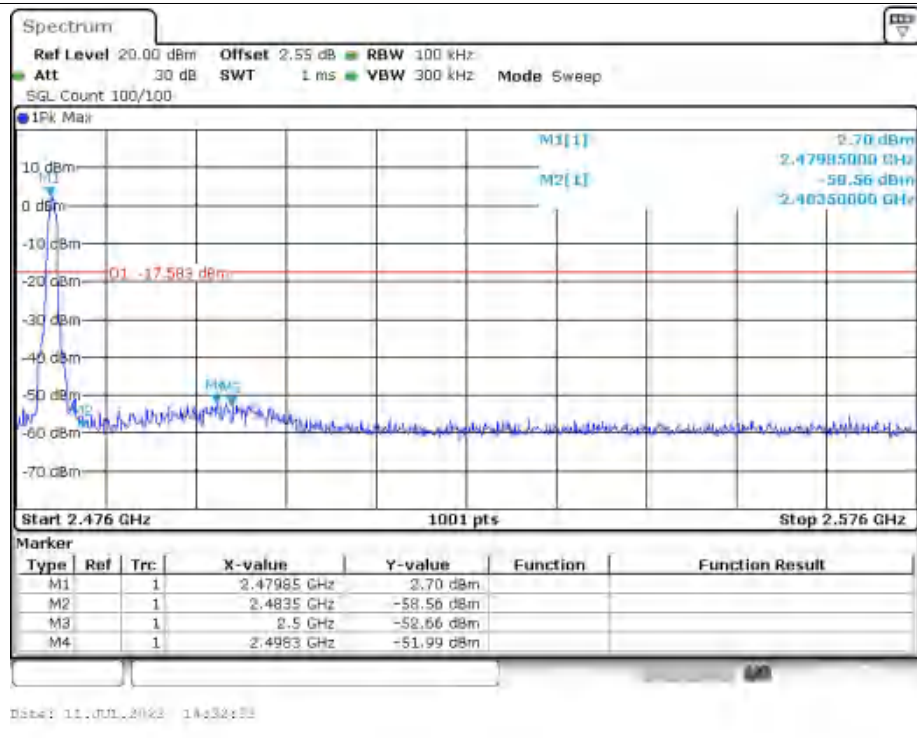
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



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



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

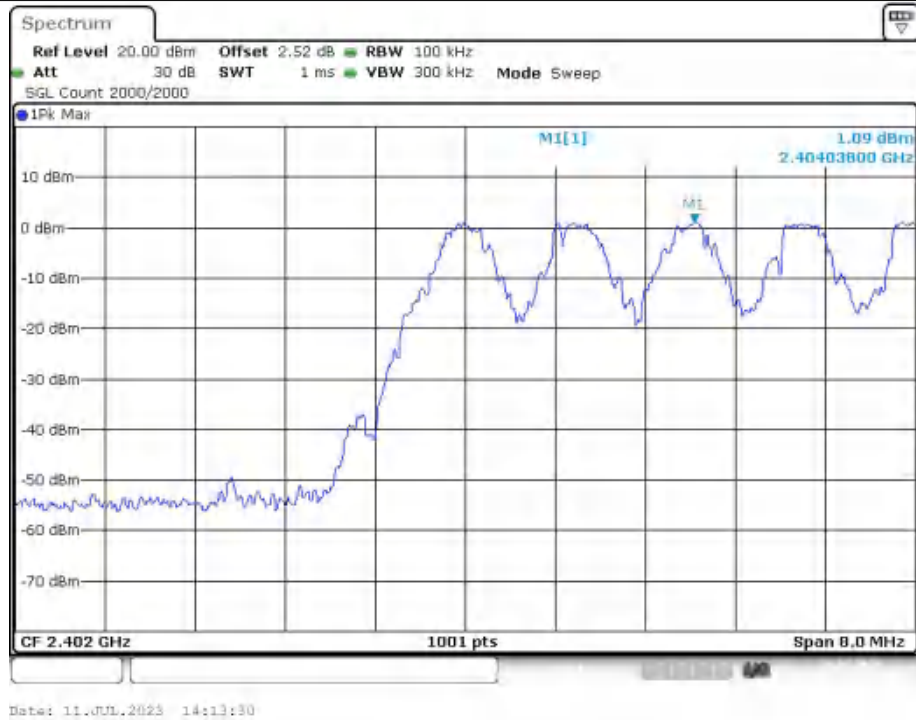


Band Edge(Hopping)

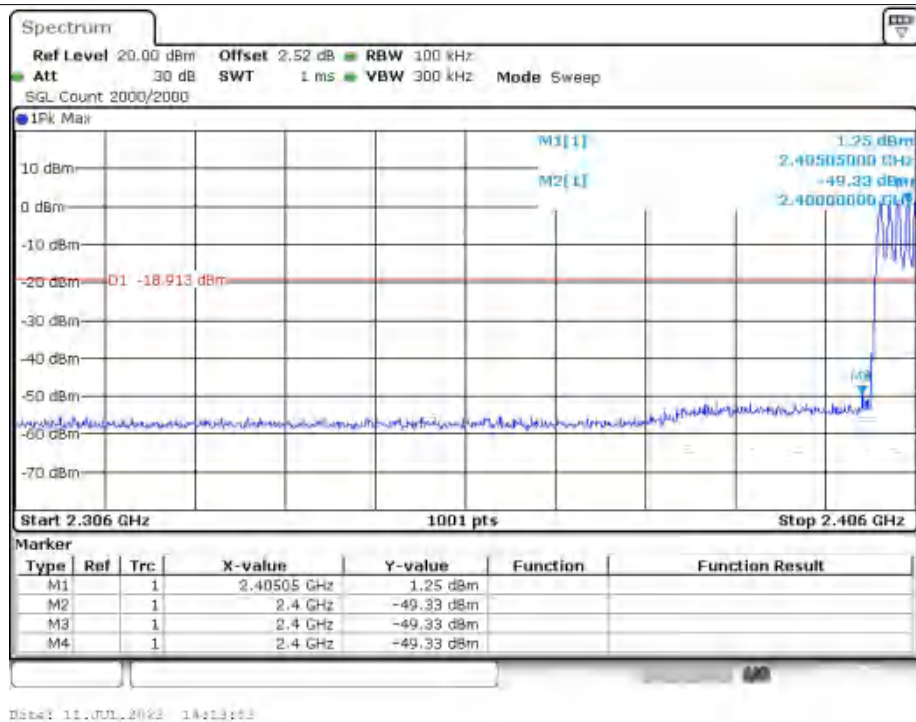
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-50.41	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-51.19	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-50.34	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-50.95	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-52.31	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-53.66	-20	Pass

Test Graphs

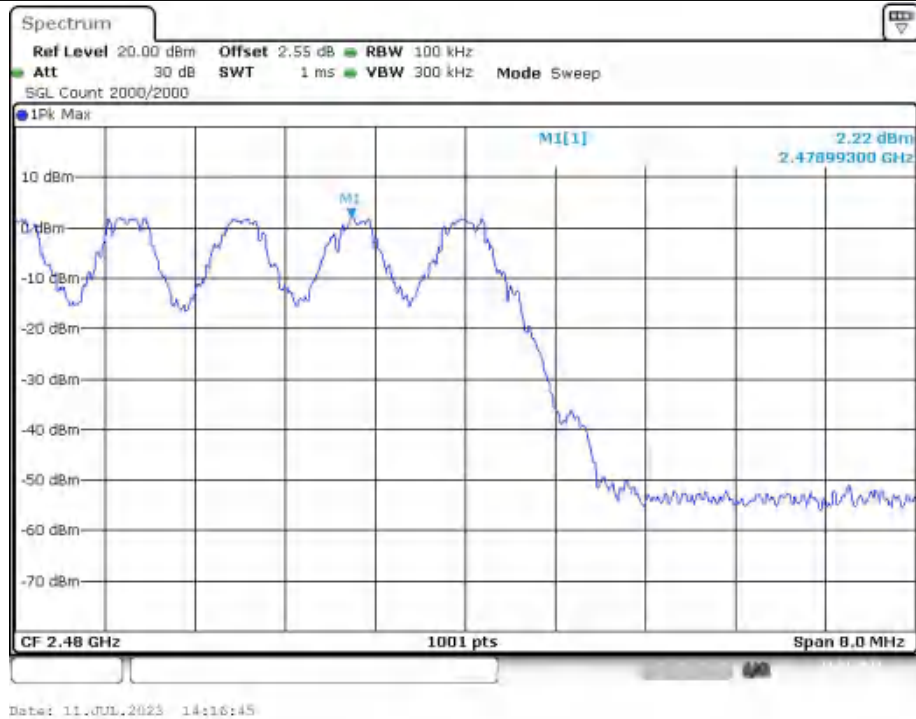
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



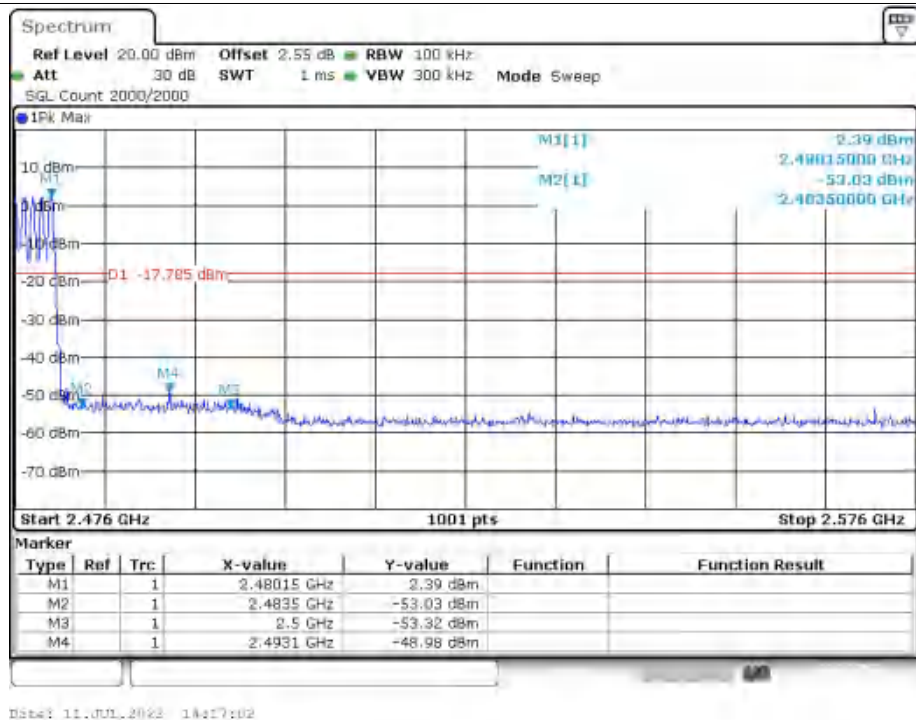
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



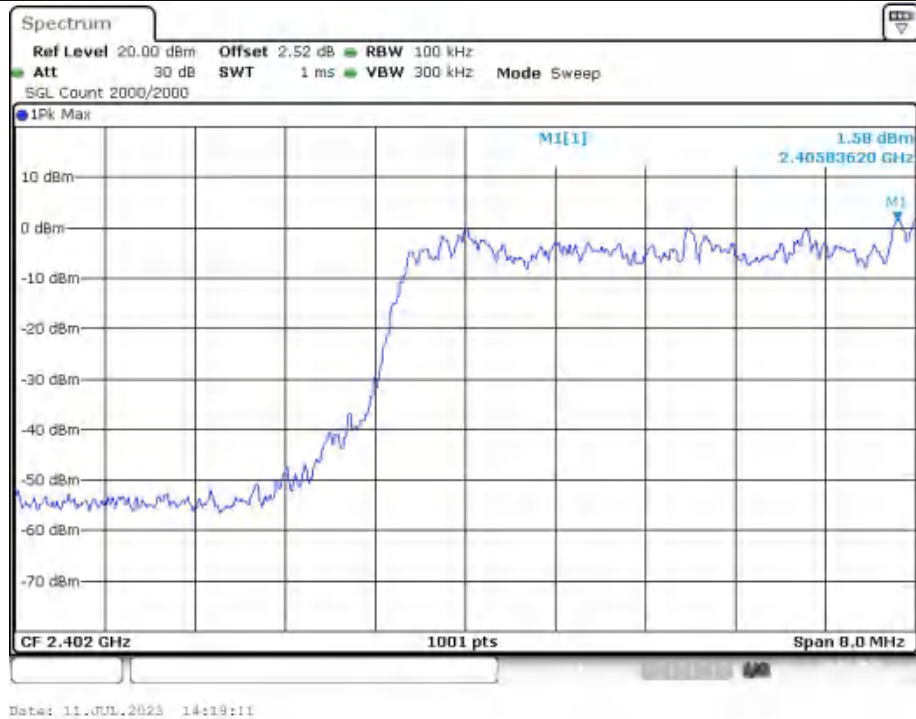
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



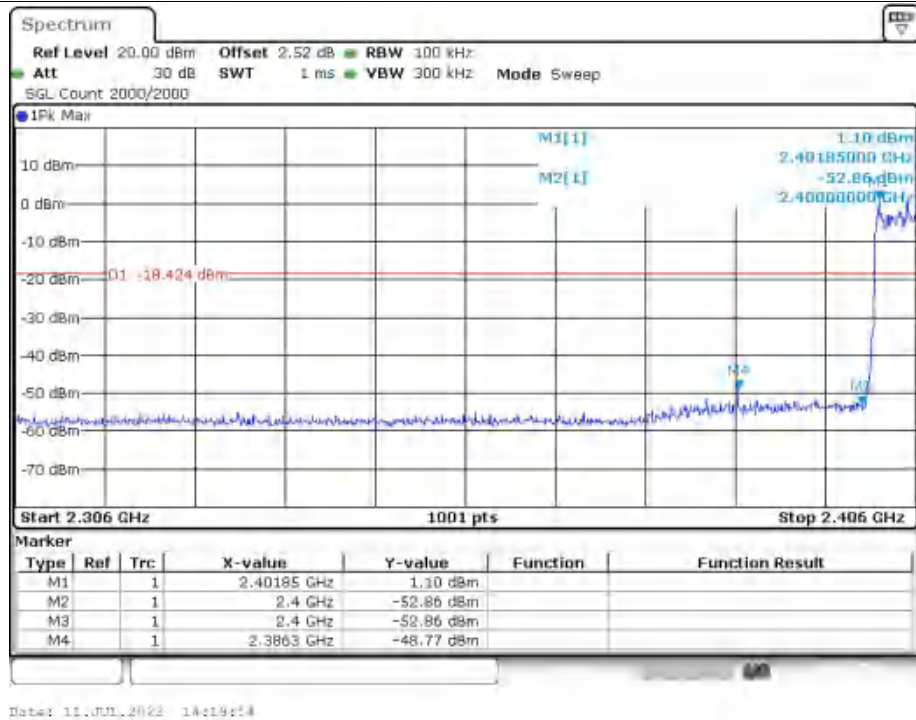
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



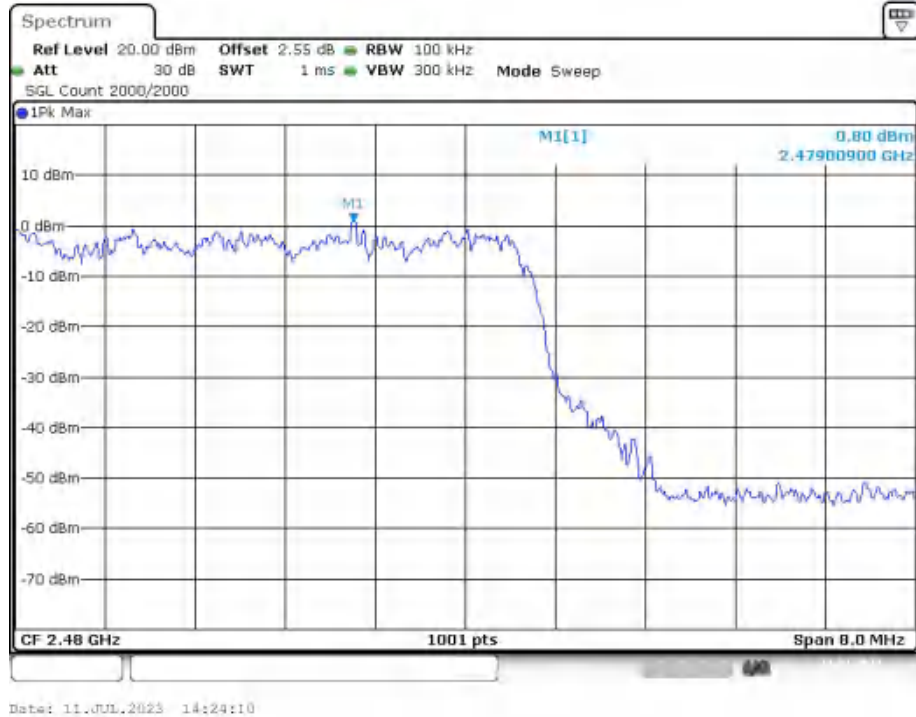
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



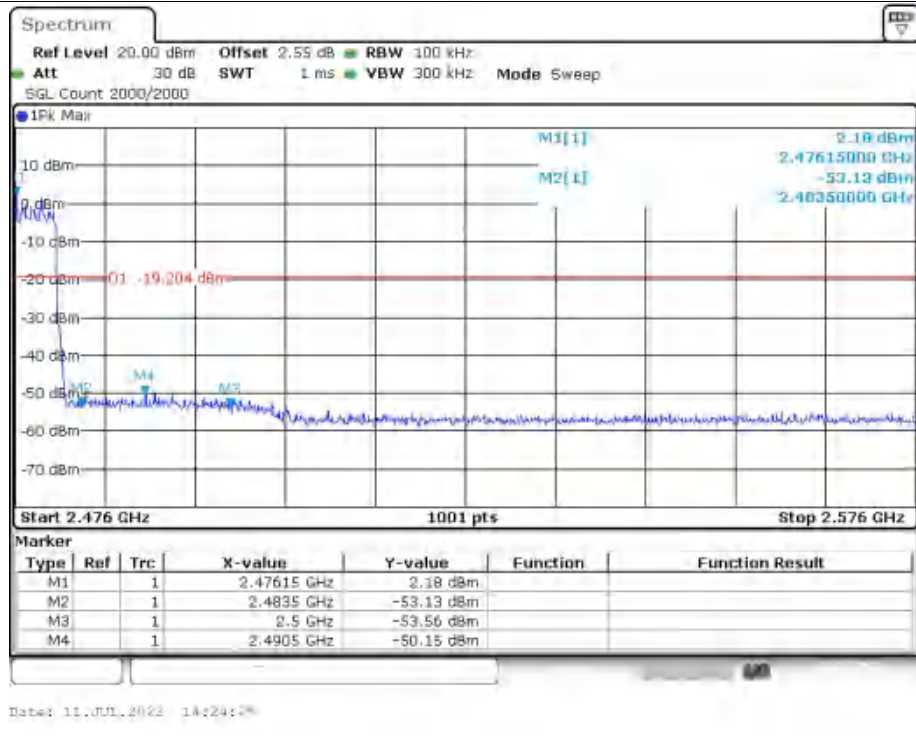
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



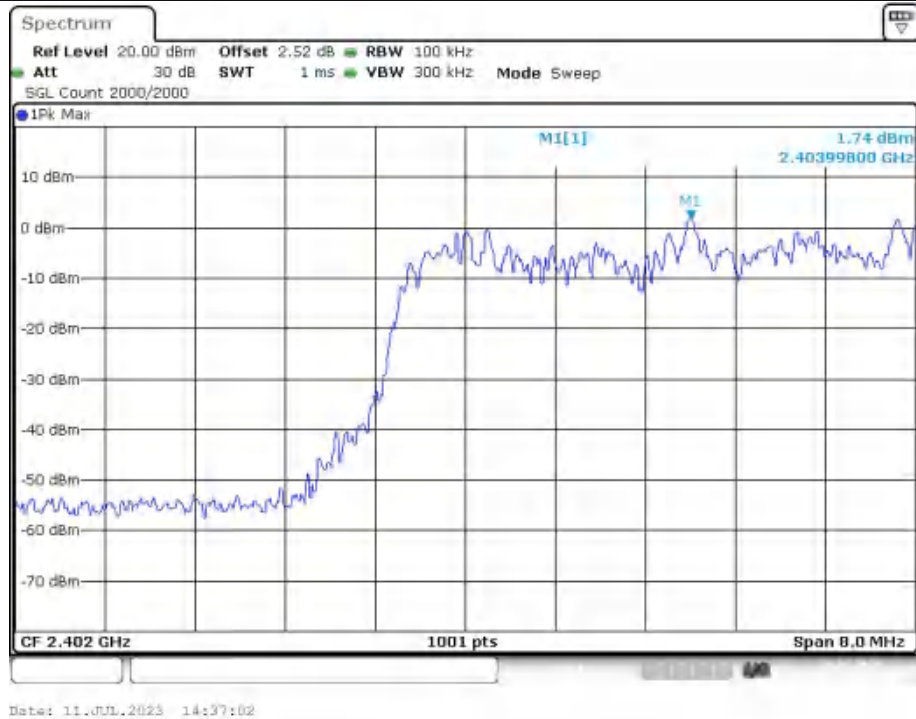
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



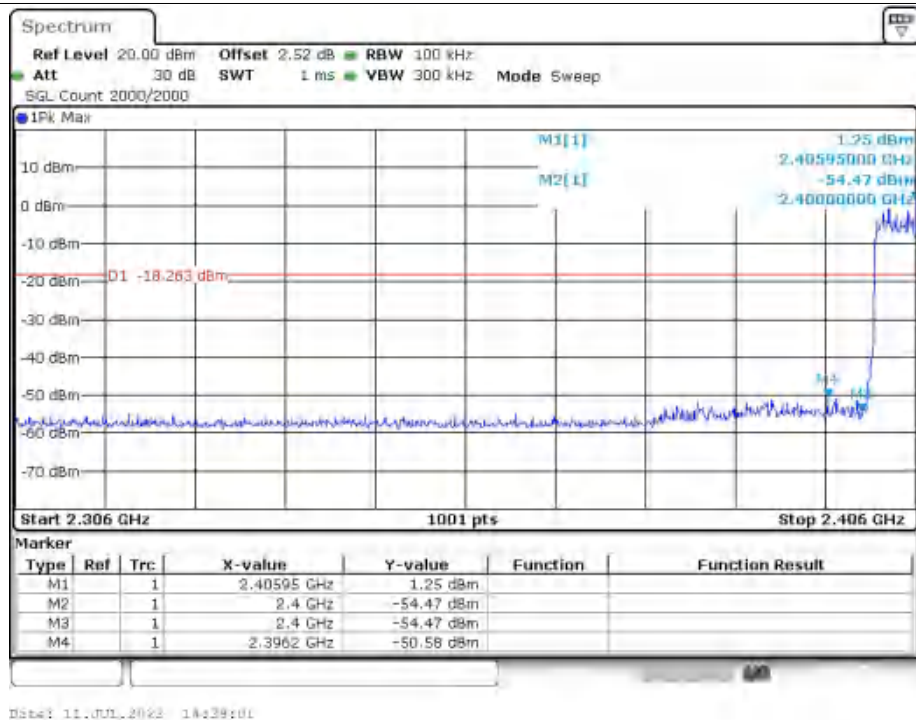
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



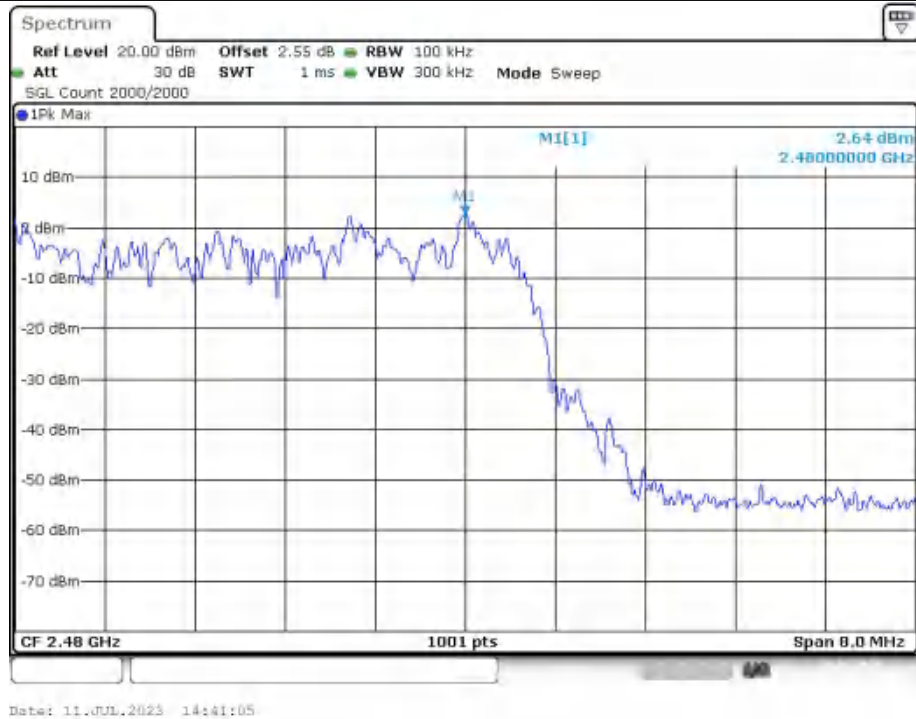
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



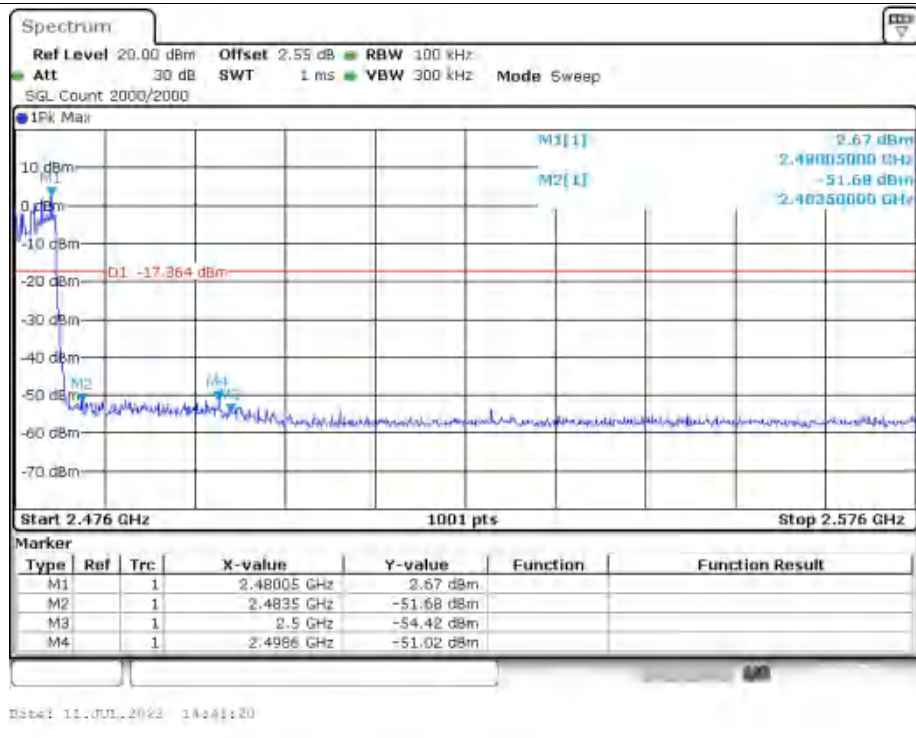
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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

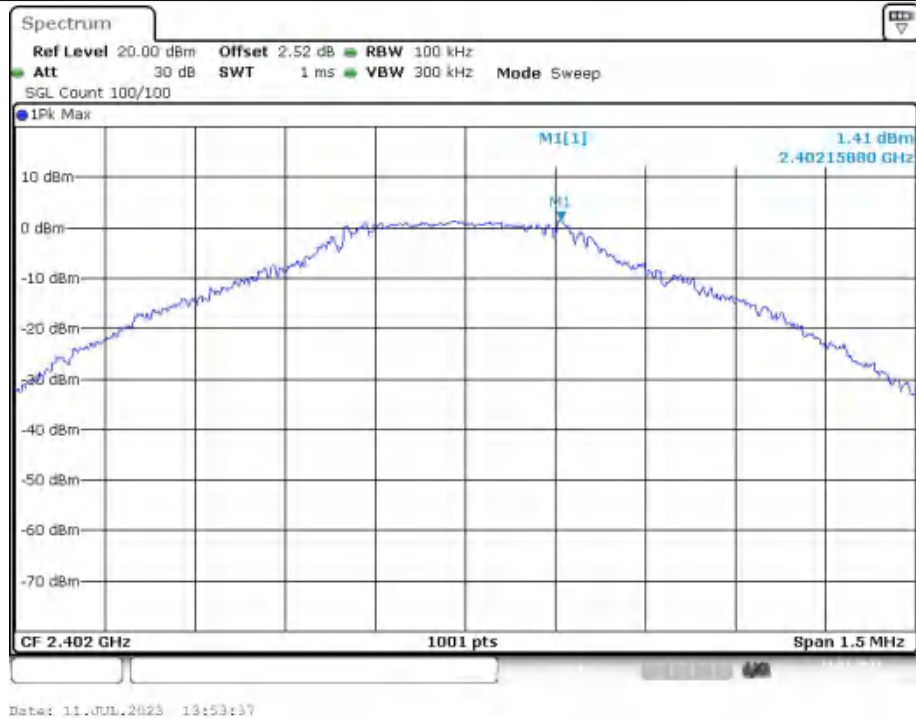


Conducted RF Spurious Emission

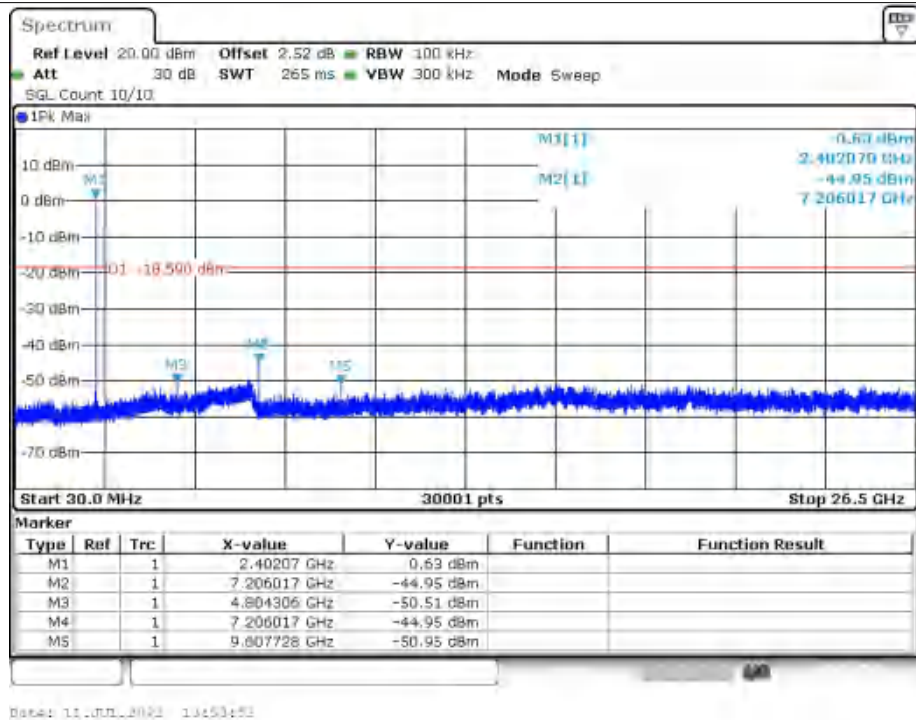
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-46.36	-20	Pass
NVNT	1-DH5	2441	Ant1	-48.02	-20	Pass
NVNT	1-DH5	2480	Ant1	-47.32	-20	Pass
NVNT	2-DH5	2402	Ant1	-51.15	-20	Pass
NVNT	2-DH5	2441	Ant1	-51.62	-20	Pass
NVNT	2-DH5	2480	Ant1	-50.83	-20	Pass
NVNT	3-DH5	2402	Ant1	-49.86	-20	Pass
NVNT	3-DH5	2441	Ant1	-52.42	-20	Pass
NVNT	3-DH5	2480	Ant1	-51.64	-20	Pass

Test Graphs

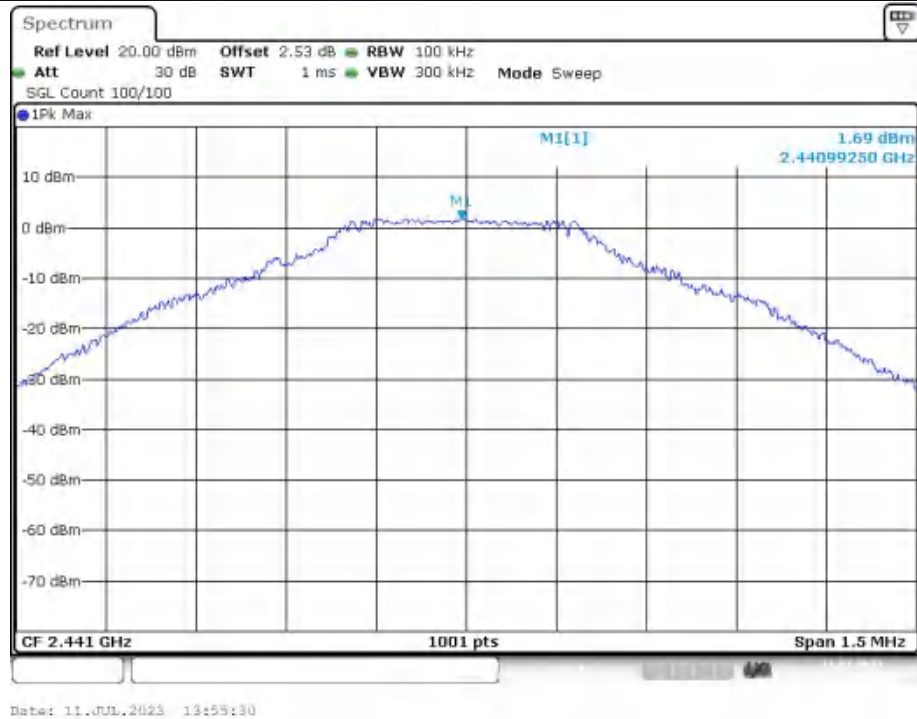
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



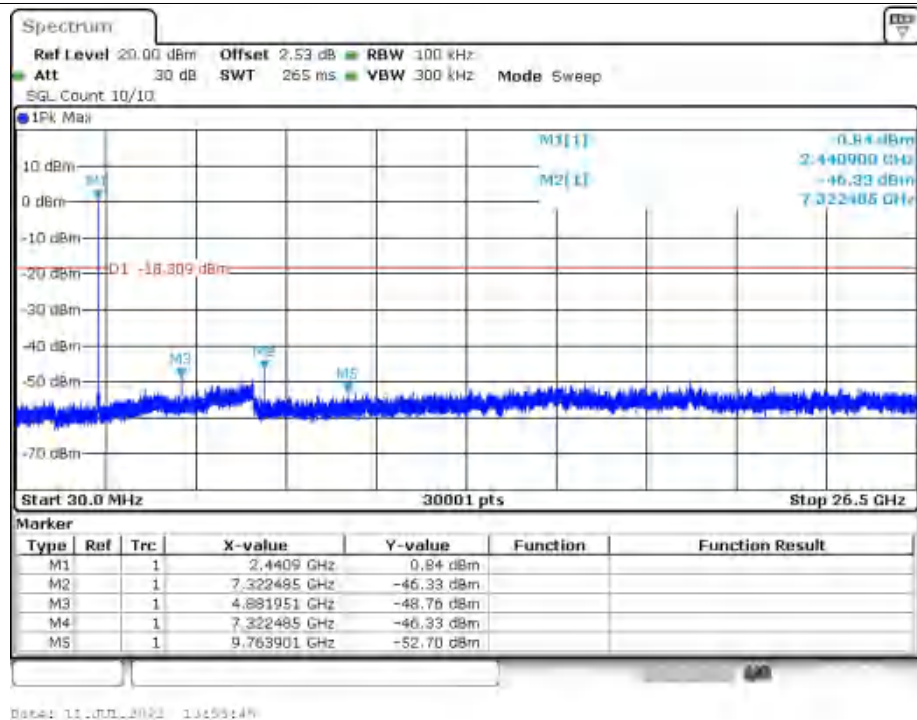
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



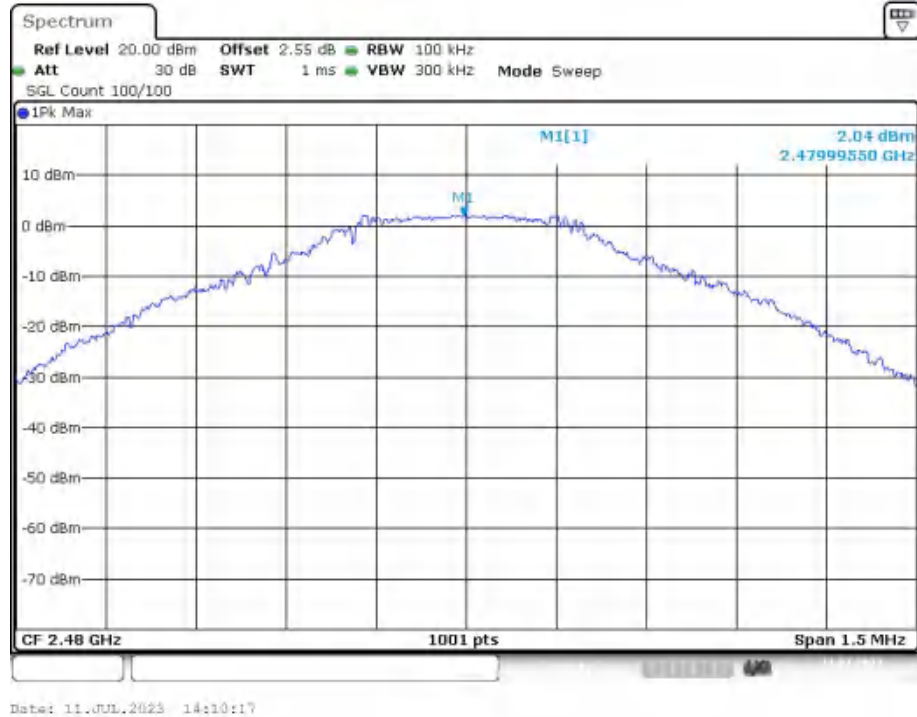
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



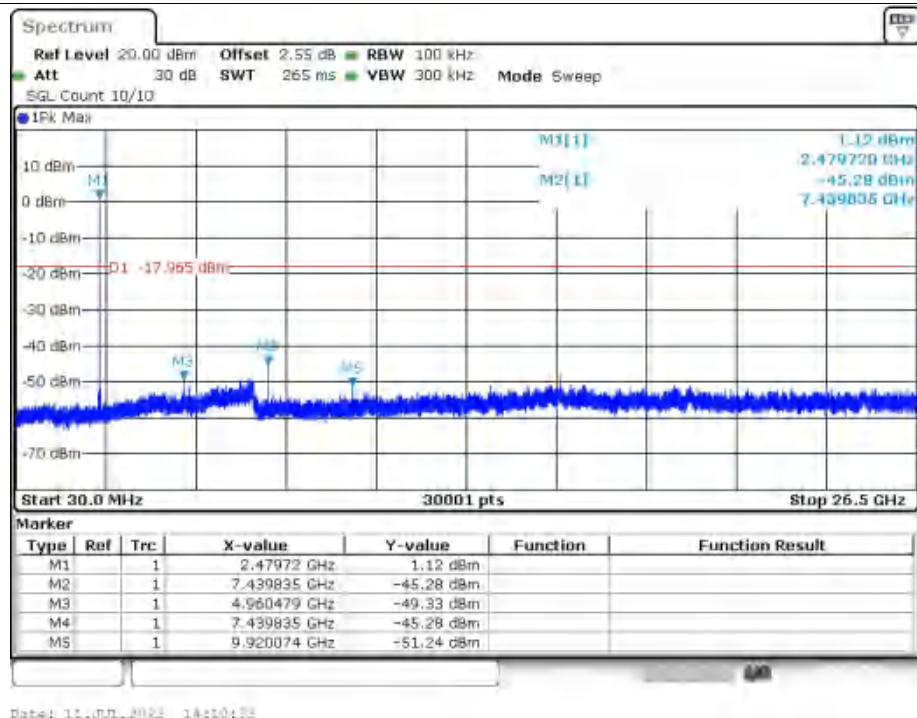
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



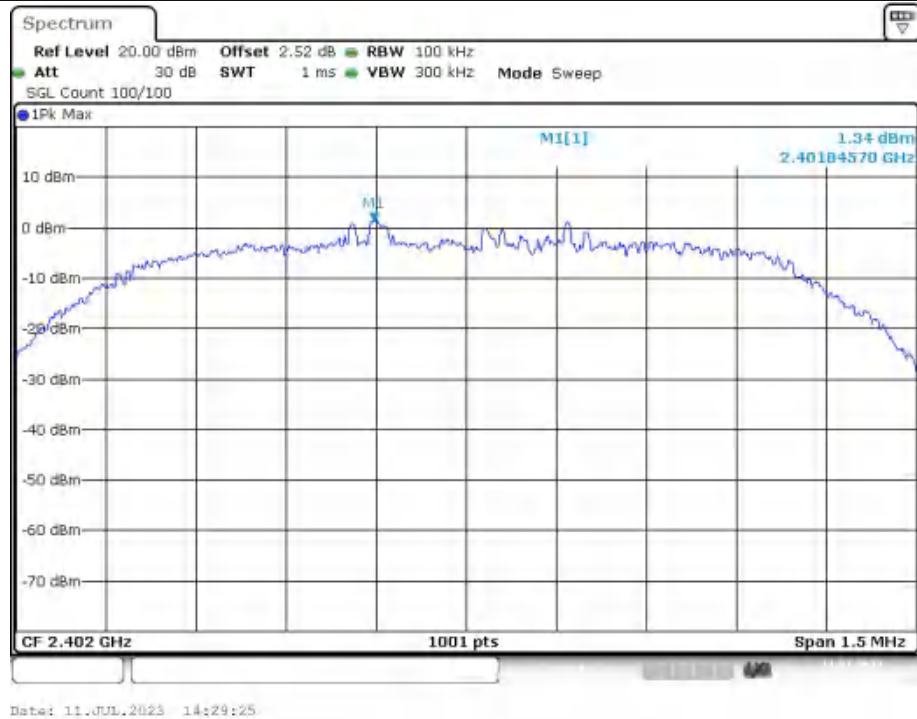
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



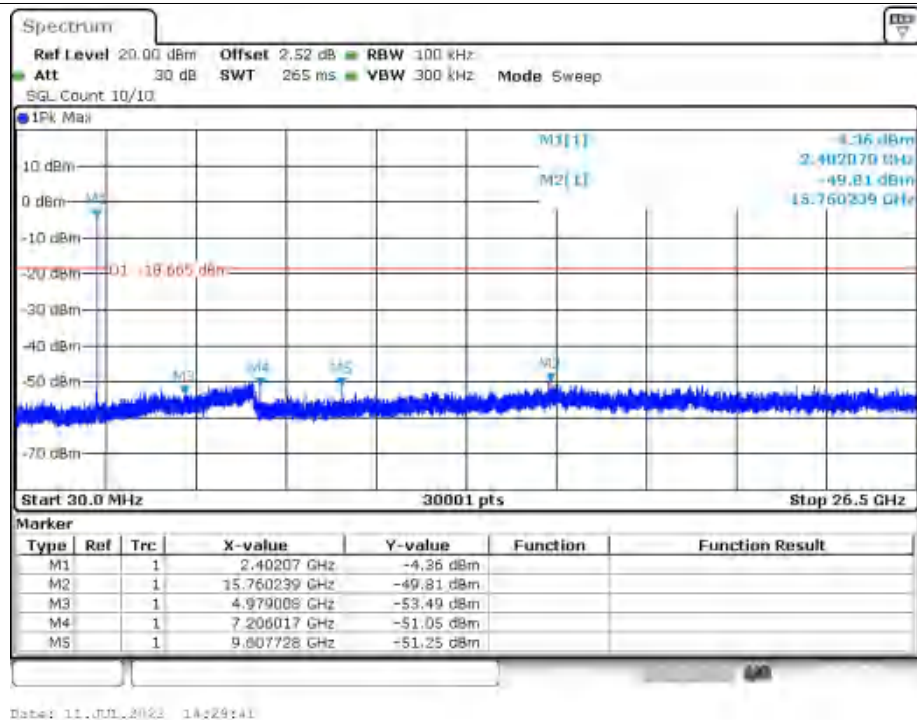
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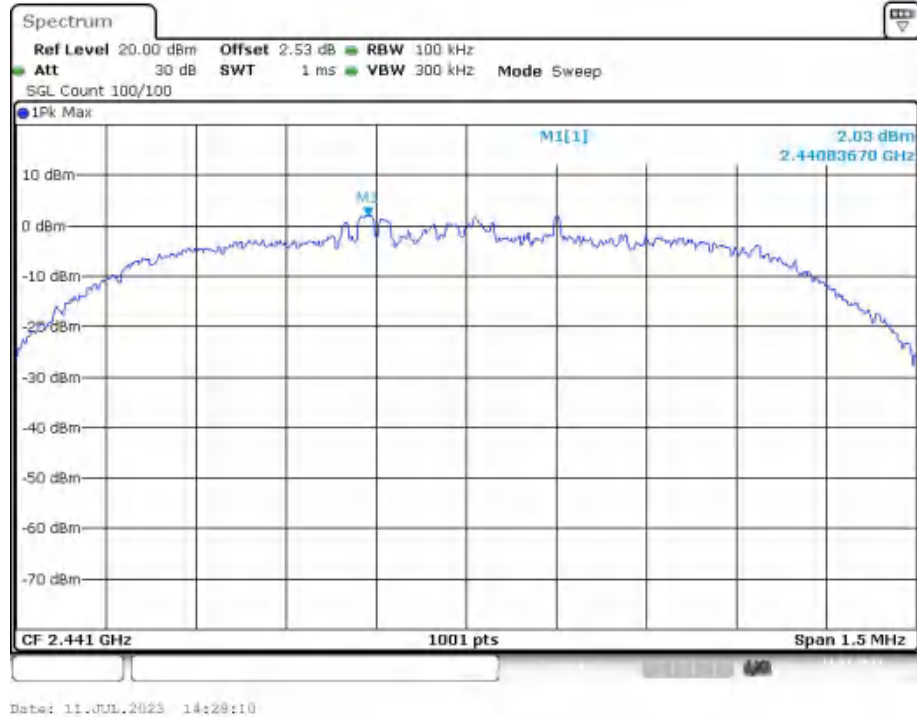
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



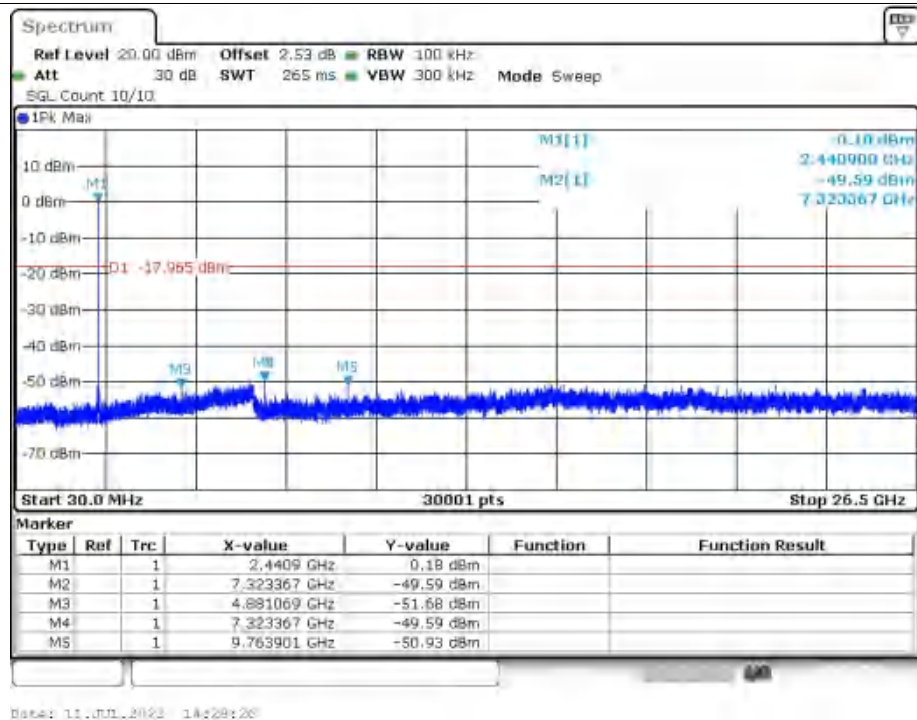
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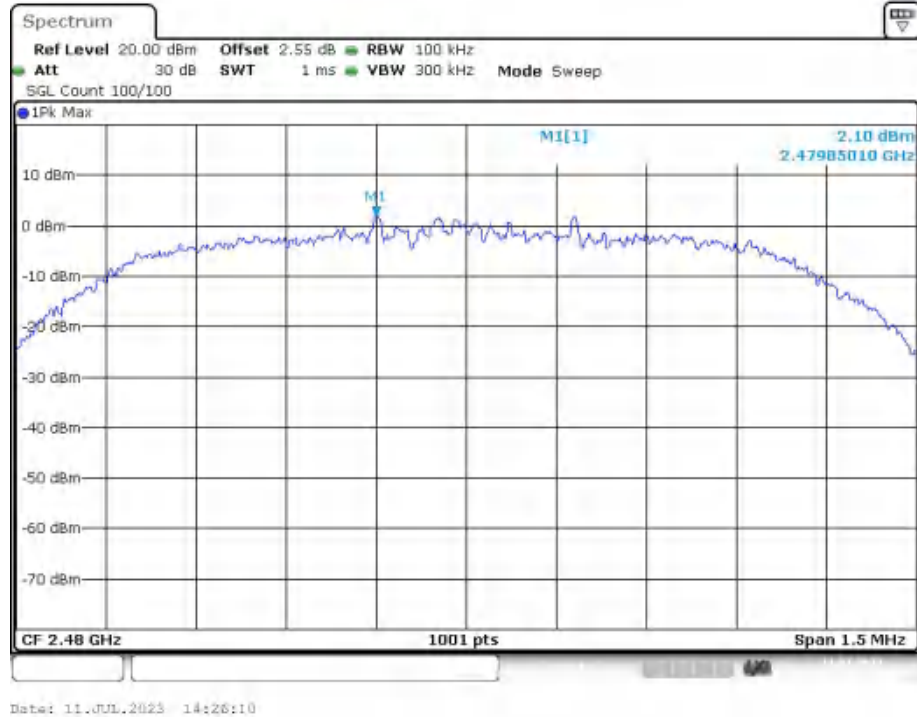
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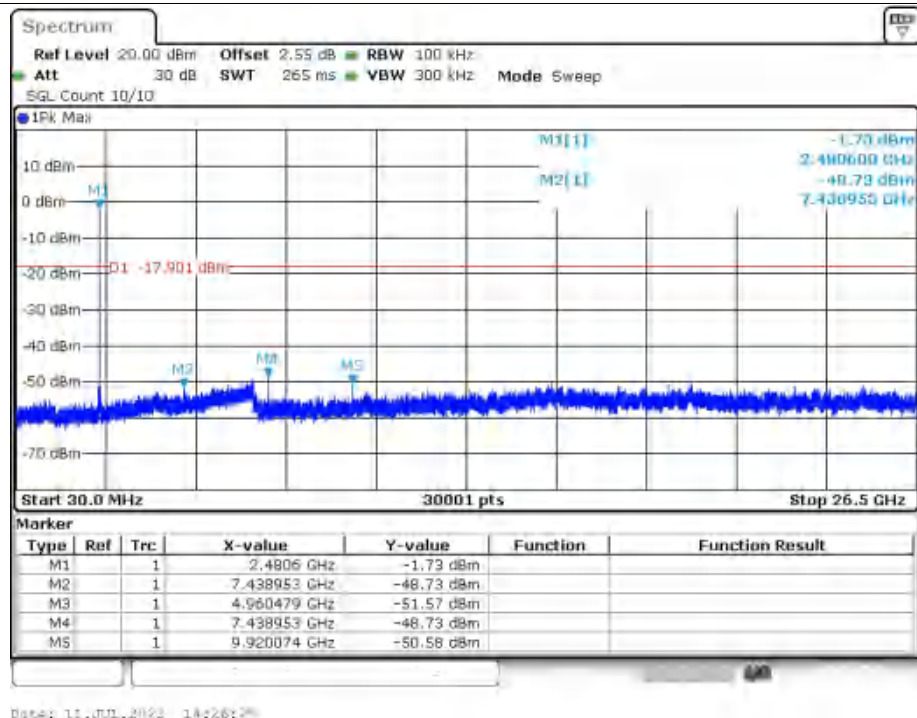
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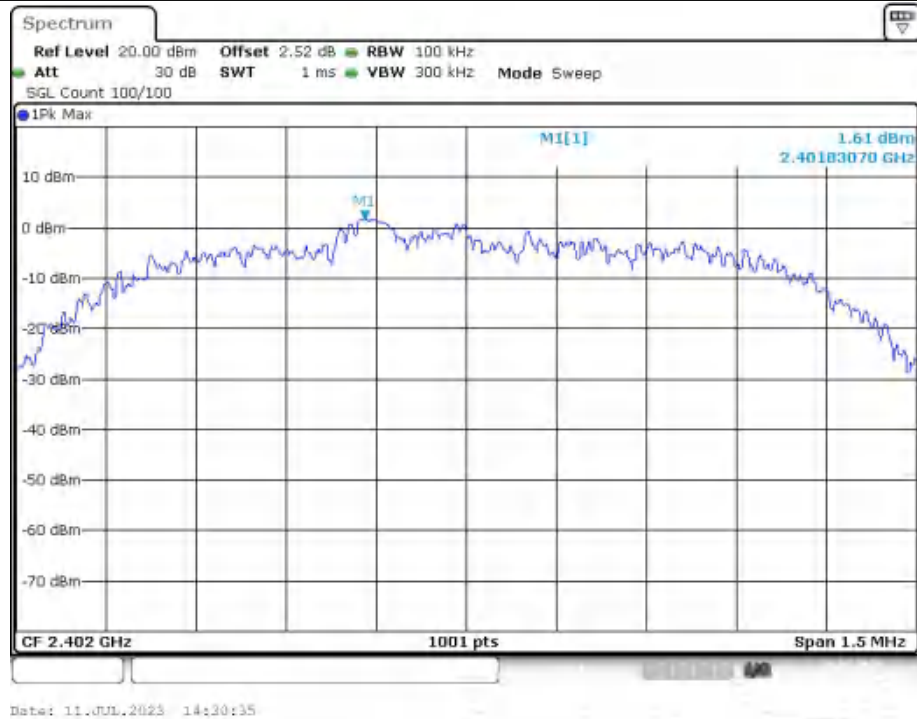
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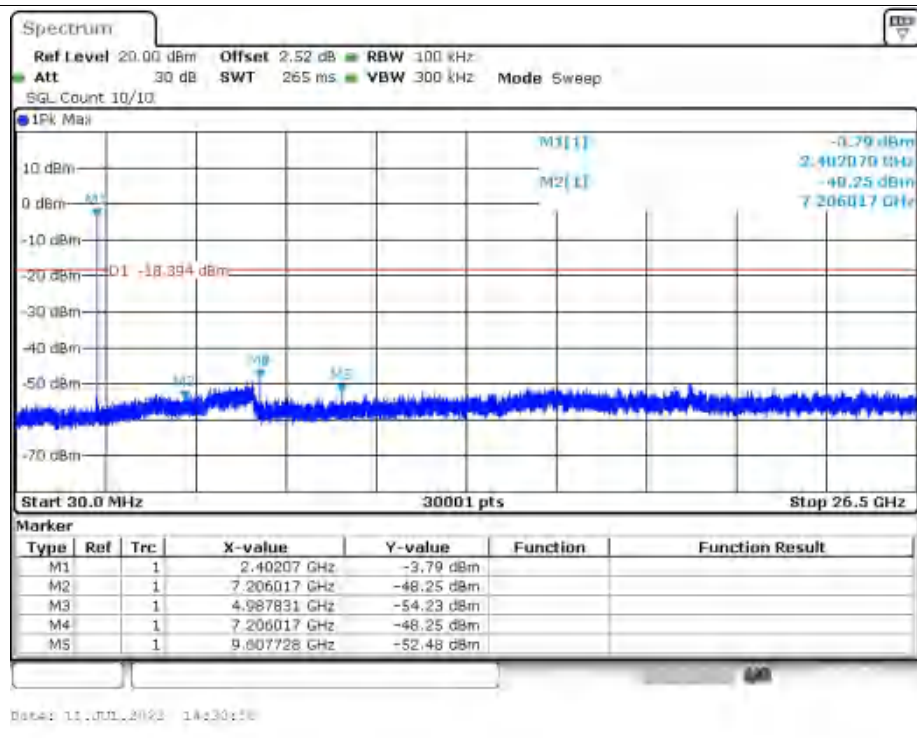
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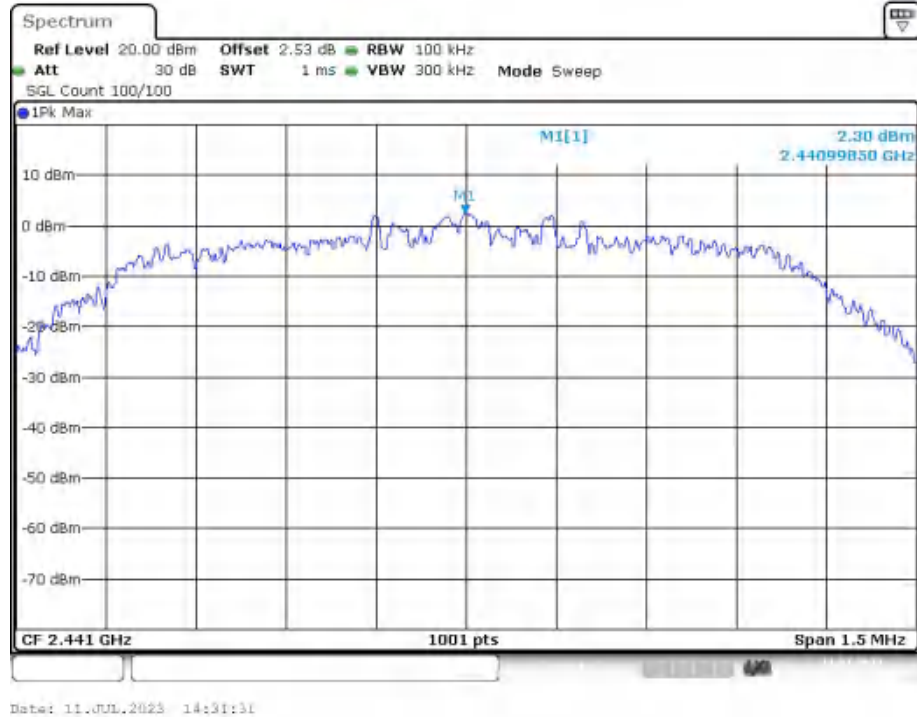
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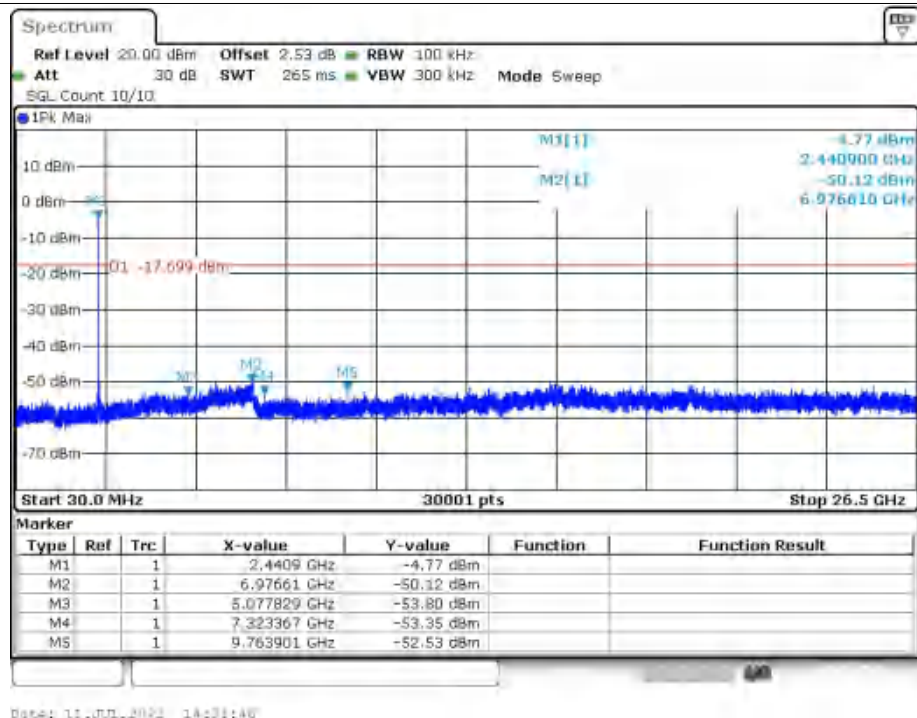
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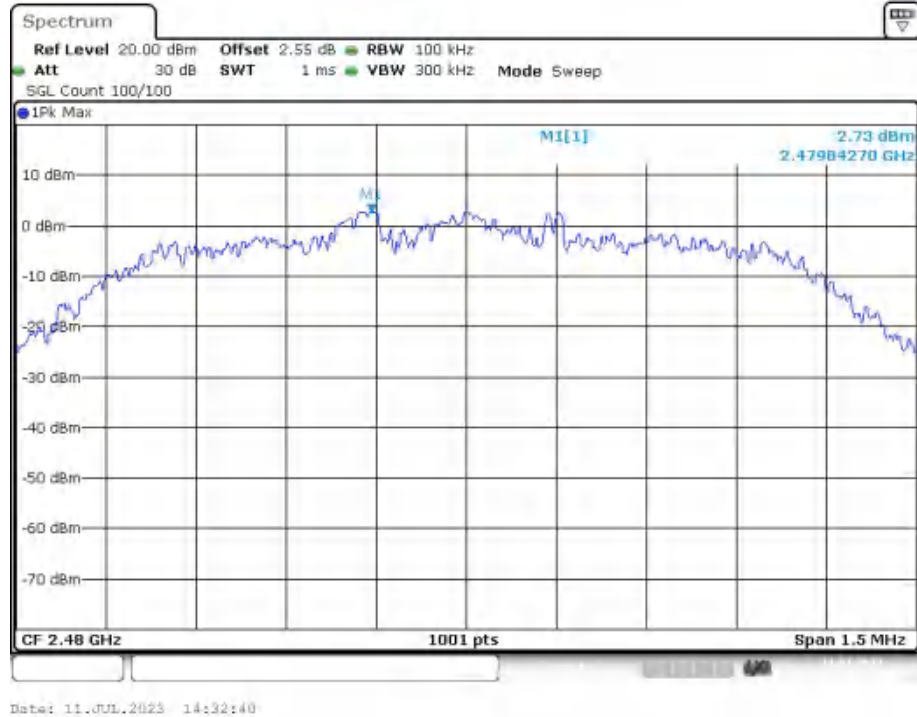
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

