

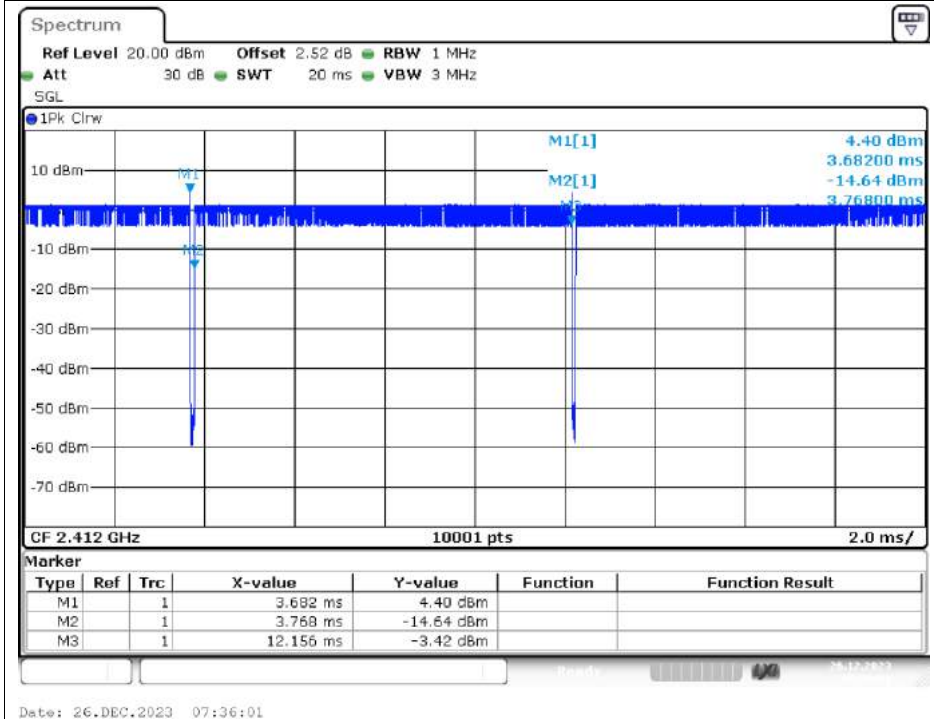
Appendix B

Duty Cycle

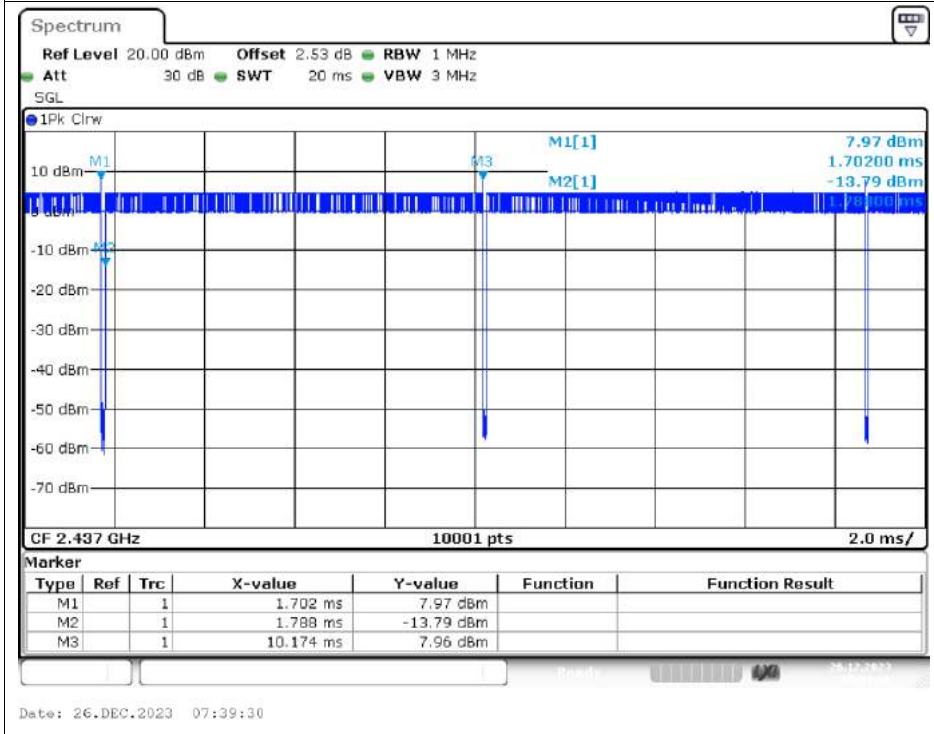
Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Final settingFor VBW (kHz)
NVNT	b	2412	Ant1	8.39	8.47	99.06	0	0.12	1
NVNT	b	2437	Ant1	8.39	8.47	99.06	0	0.12	1
NVNT	b	2462	Ant1	8.39	8.47	99.06	0	0.12	1
NVNT	g	2412	Ant1	1.39	1.41	98.58	0	0.72	1
NVNT	g	2437	Ant1	1.4	1.41	99.29	0	0.72	1
NVNT	g	2462	Ant1	1.4	1.41	99.29	0	0.72	1
NVNT	n20	2412	Ant1	1.3	1.32	98.48	0	0.77	1
NVNT	n20	2437	Ant1	1.3	1.32	98.48	0	0.77	1
NVNT	n20	2462	Ant1	1.3	1.32	98.48	0	0.77	1
NVNT	n40	2422	Ant1	0.65	0.66	98.48	0	1.53	1
NVNT	n40	2437	Ant1	0.65	0.66	98.48	0	1.53	1
NVNT	n40	2452	Ant1	0.65	0.66	98.48	0	1.54	1

Test Graphs

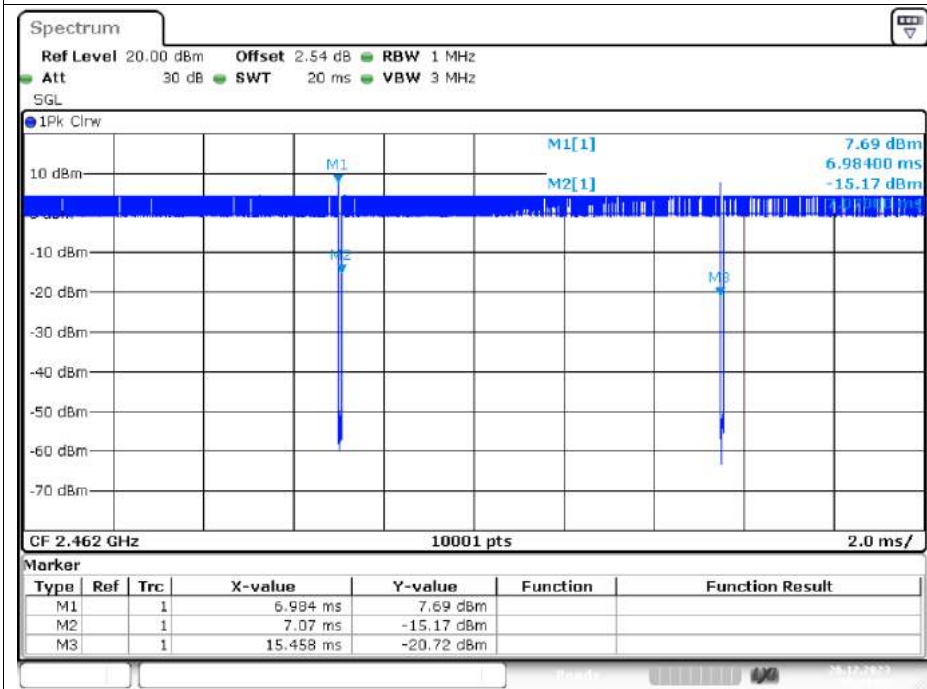
Duty Cycle NVNT b 2412MHz Ant1



Duty Cycle NVNT b 2437MHz Ant1

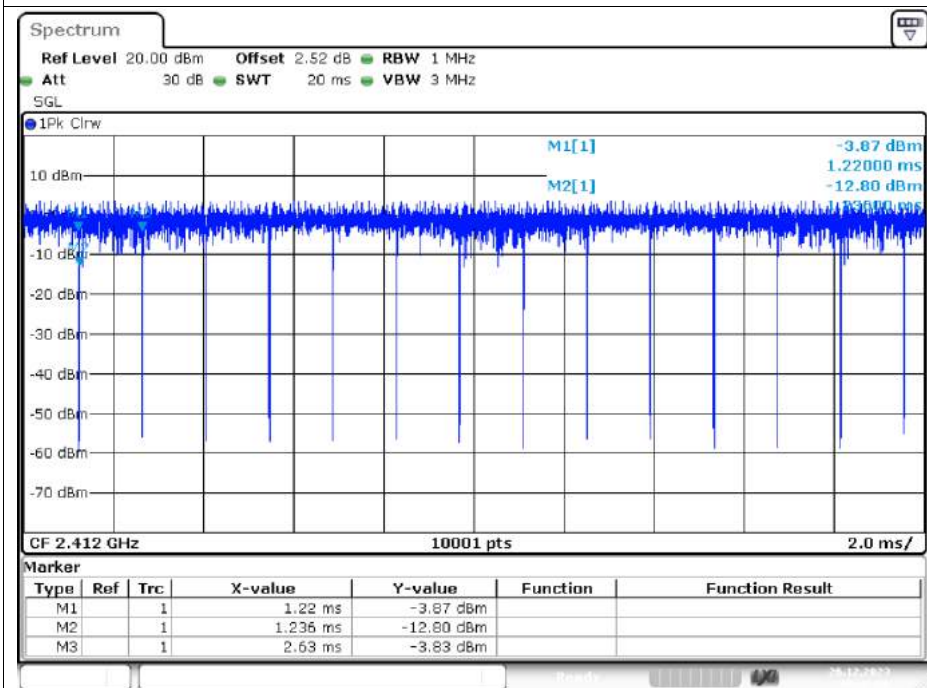


Duty Cycle NVNT b 2462MHz Ant1



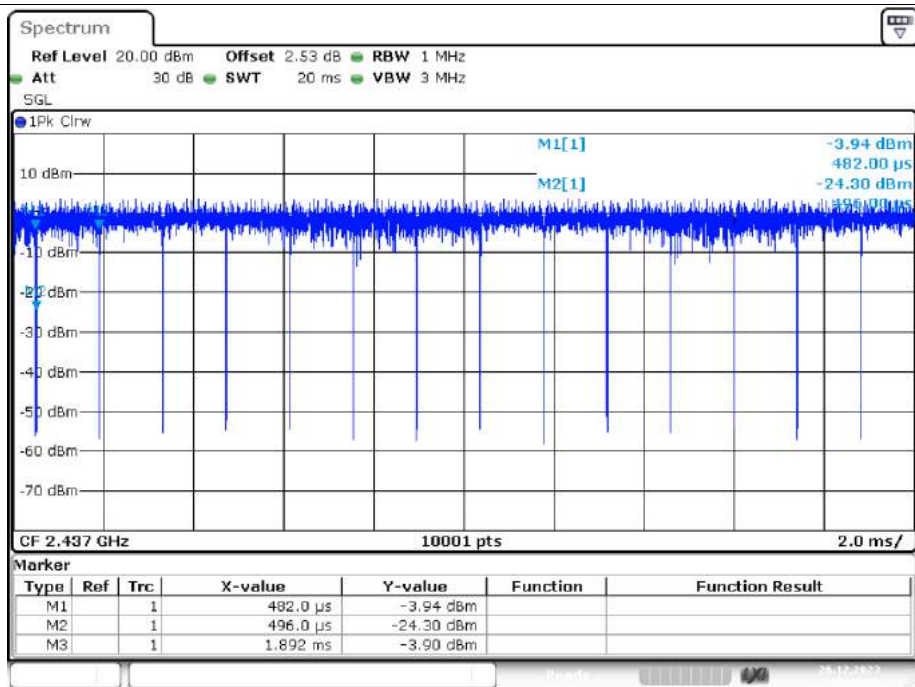
Date: 26.DEC.2023 07:41:02

Duty Cycle NVNT g 2412MHz Ant1



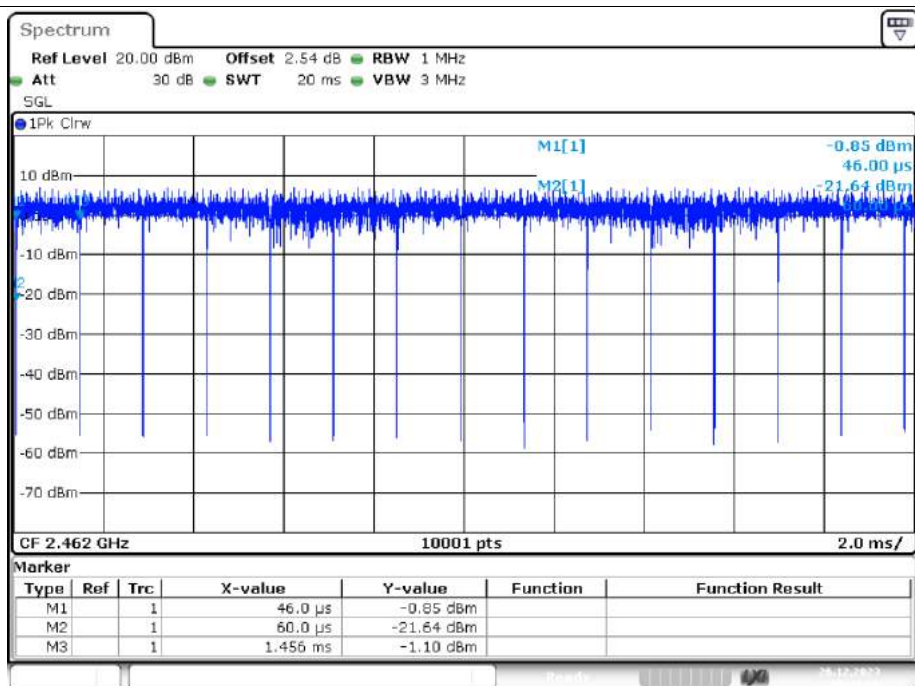
Date: 26.DEC.2023 07:47:56

Duty Cycle NVNT g 2437MHz Ant1



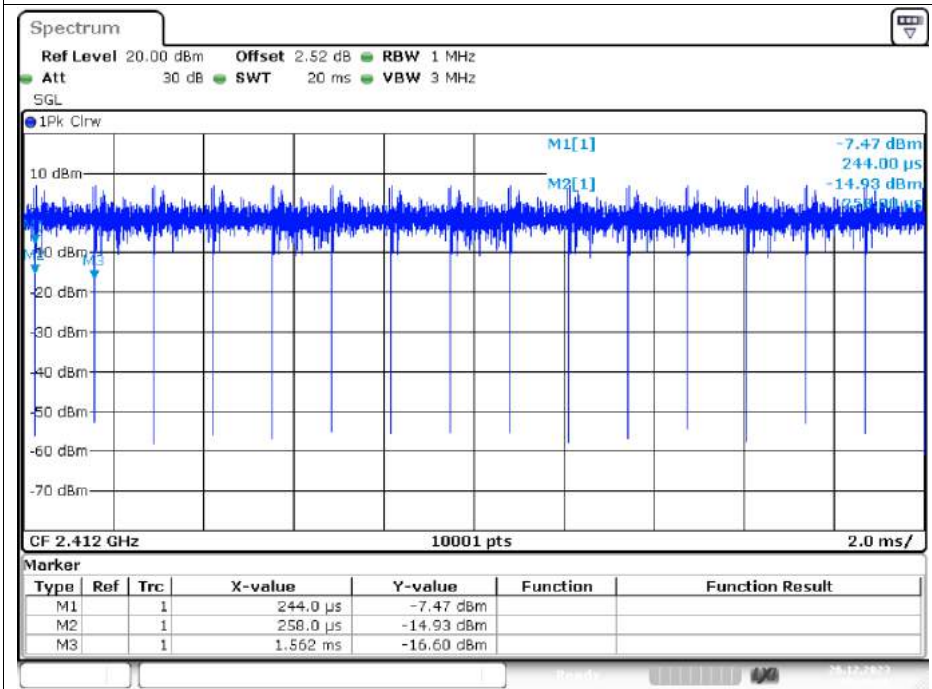
Date: 26.DEC.2023 07:46:26

Duty Cycle NVNT g 2462MHz Ant1



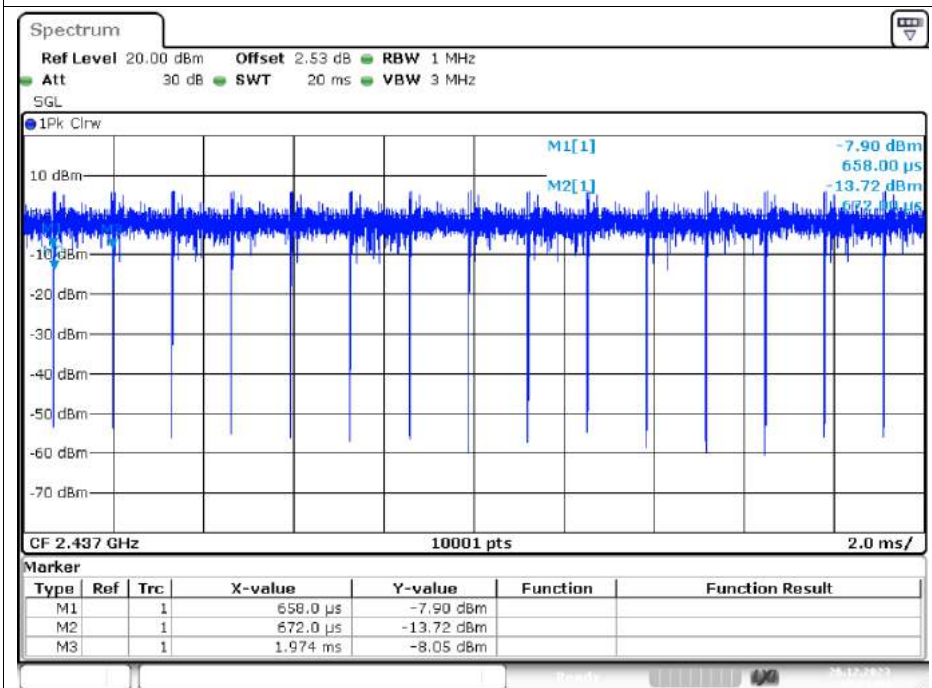
Date: 26.DEC.2023 07:43:32

Duty Cycle NVNT n20 2412MHz Ant1



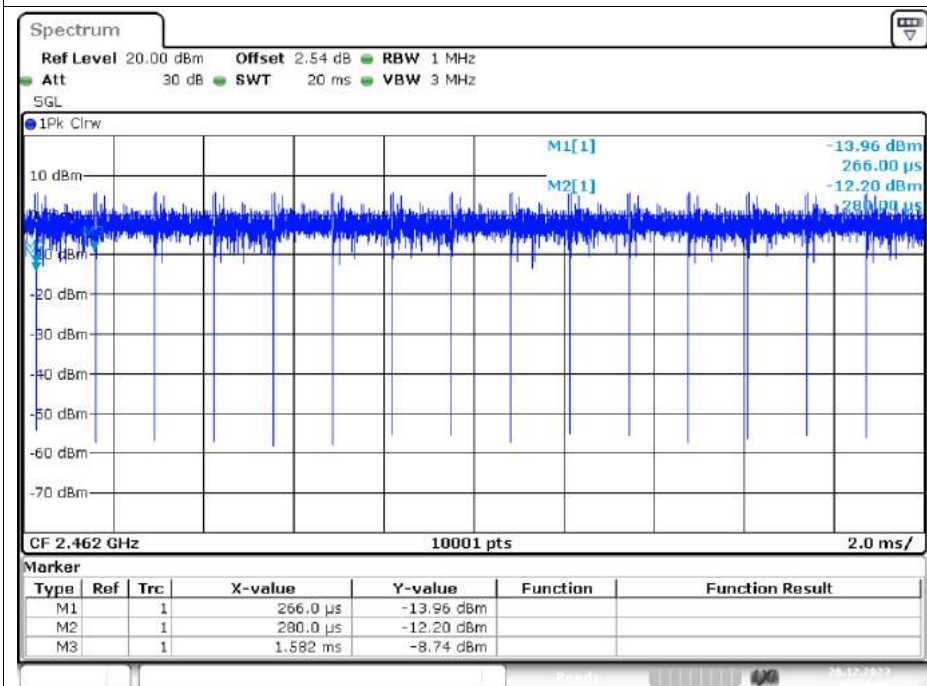
Date: 26.DEC.2023 07:49:29

Duty Cycle NVNT n20 2437MHz Ant1



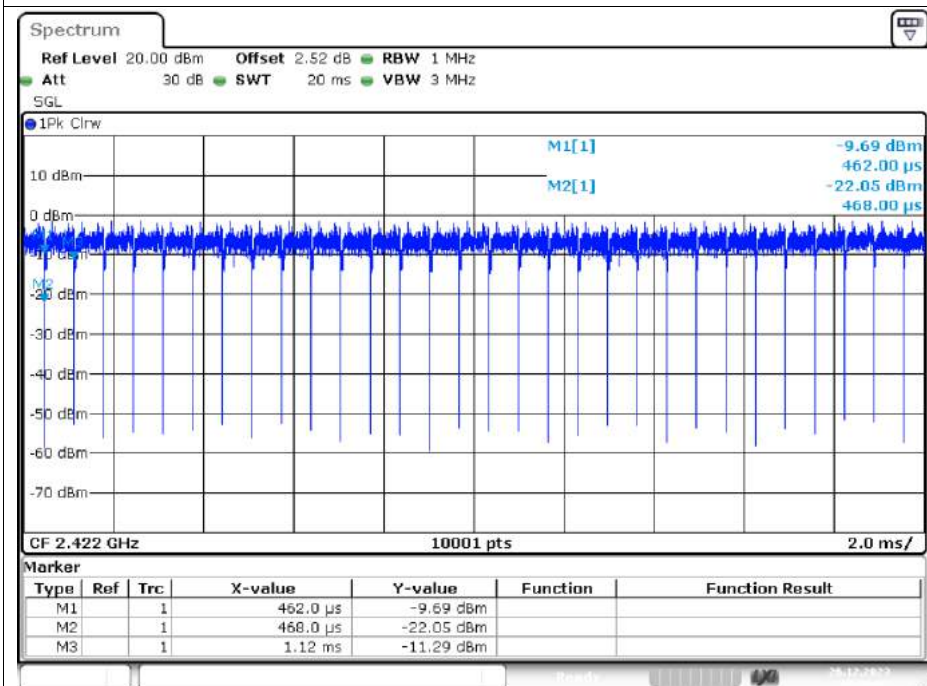
Date: 26.DEC.2023 07:53:04

Duty Cycle NVNT n20 2462MHz Ant1



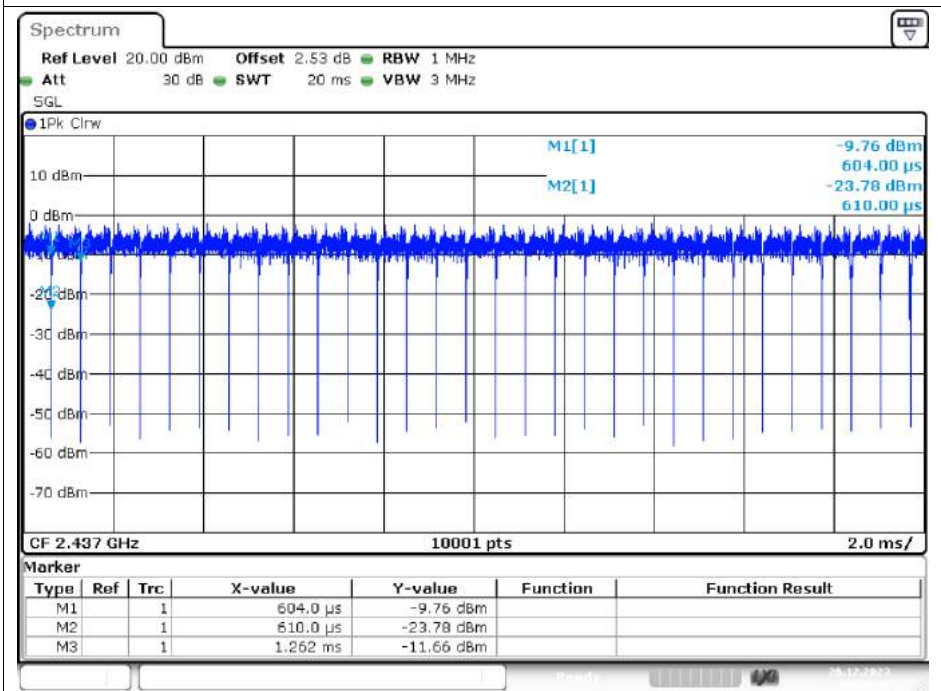
Date: 26.DEC.2023 07:54:22

Duty Cycle NVNT n40 2422MHz Ant1



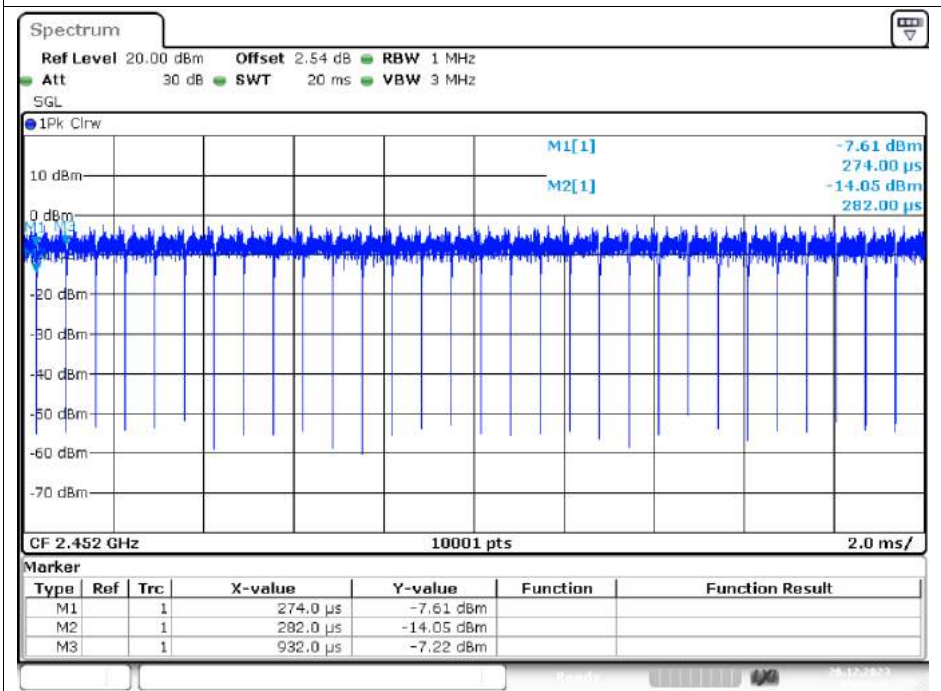
Date: 26.DEC.2023 07:59:05

Duty Cycle NVNT n40 2437MHz Ant1



Date: 26.DEC.2023 07:57:44

Duty Cycle NVNT n40 2452MHz Ant1



Date: 26.DEC.2023 07:56:10

Maximum Conducted Output Power

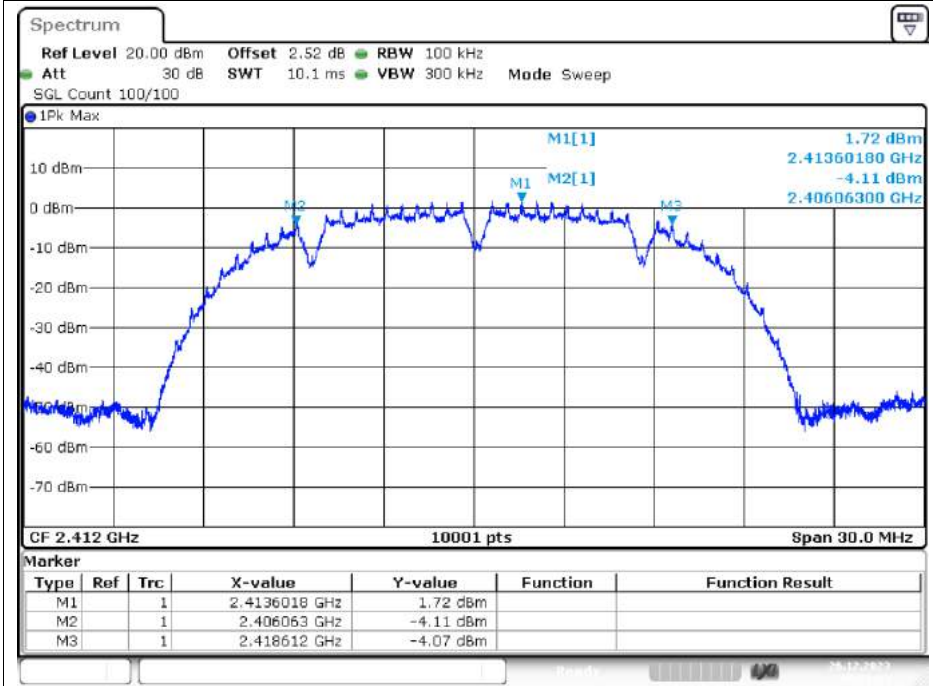
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Antenna Gain(dBi)	E.I.R.P (dBm)	E.I.R.P Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.25	0	15.25	30	2.2	17.45	36.02	Pass
NVNT	b	2437	Ant1	14.88	0	14.88	30	2.2	17.08	36.02	Pass
NVNT	b	2462	Ant1	14.55	0	14.55	30	2.2	16.75	36.02	Pass
NVNT	g	2412	Ant1	14.45	0	14.45	30	2.2	16.65	36.02	Pass
NVNT	g	2437	Ant1	14.41	0	14.41	30	2.2	16.61	36.02	Pass
NVNT	g	2462	Ant1	14.13	0	14.13	30	2.2	16.33	36.02	Pass
NVNT	n20	2412	Ant1	14.08	0	14.08	30	2.2	16.28	36.02	Pass
NVNT	n20	2437	Ant1	13.9	0	13.9	30	2.2	16.1	36.02	Pass
NVNT	n20	2462	Ant1	13.37	0	13.37	30	2.2	15.57	36.02	Pass
NVNT	n40	2422	Ant1	12.79	0	12.79	30	2.2	14.99	36.02	Pass
NVNT	n40	2437	Ant1	12.53	0	12.53	30	2.2	14.73	36.02	Pass
NVNT	n40	2452	Ant1	12.01	0	12.01	30	2.2	14.21	36.02	Pass

-6dB Bandwidth

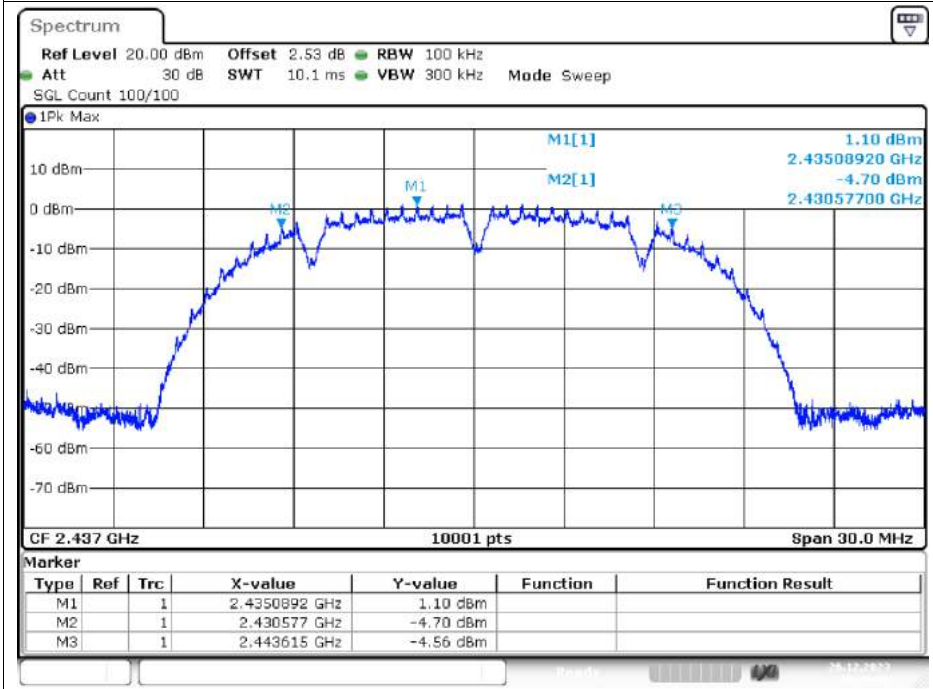
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	12.549	0.5	Pass
NVNT	b	2437	Ant1	13.038	0.5	Pass
NVNT	b	2462	Ant1	12.531	0.5	Pass
NVNT	g	2412	Ant1	15.321	0.5	Pass
NVNT	g	2437	Ant1	15.519	0.5	Pass
NVNT	g	2462	Ant1	15.237	0.5	Pass
NVNT	n20	2412	Ant1	15.012	0.5	Pass
NVNT	n20	2437	Ant1	14.988	0.5	Pass
NVNT	n20	2462	Ant1	15.048	0.5	Pass
NVNT	n40	2422	Ant1	35.04	0.5	Pass
NVNT	n40	2437	Ant1	35.094	0.5	Pass
NVNT	n40	2452	Ant1	35.028	0.5	Pass

Test Graphs

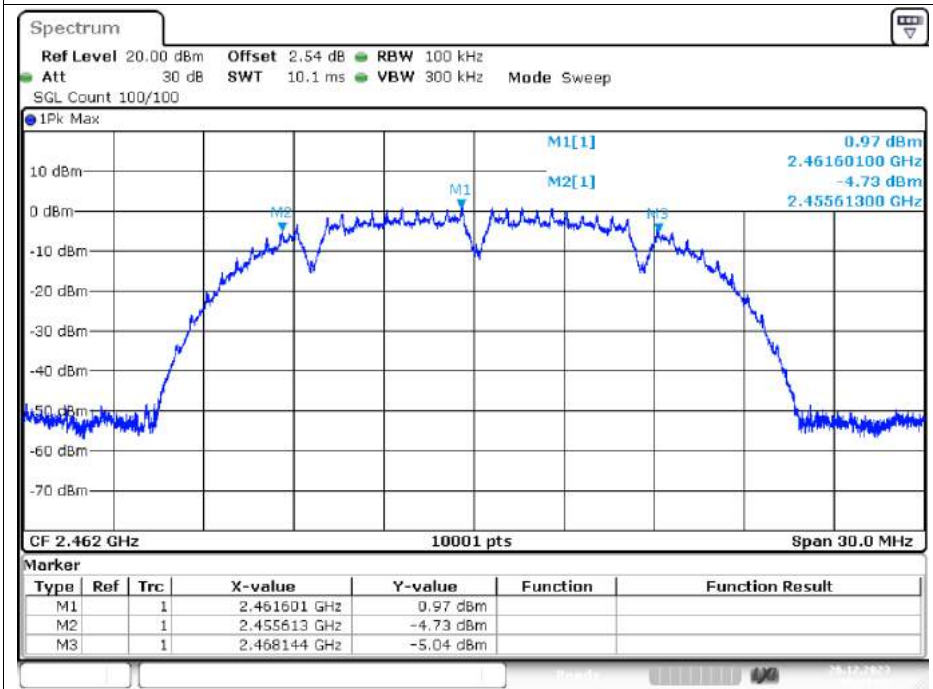
-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1

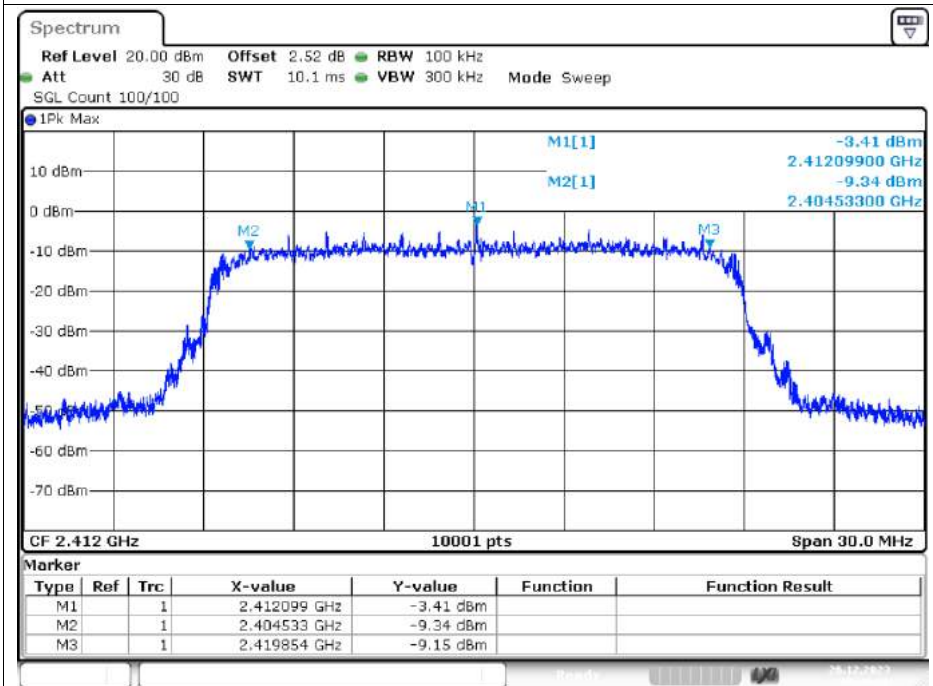


-6dB Bandwidth NVNT b 2462MHz Ant1



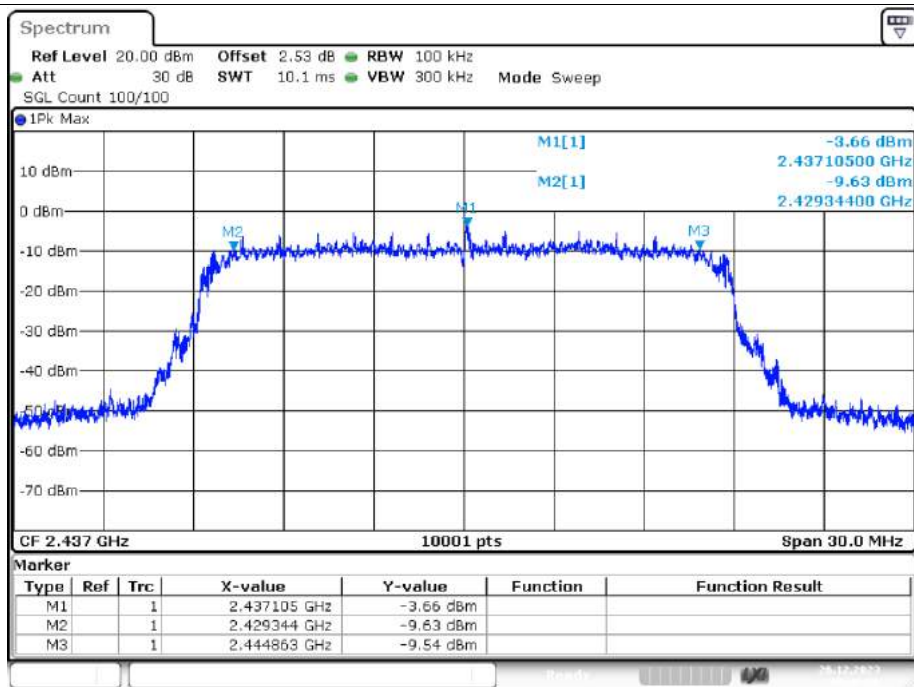
Date: 26.DEC.2023 07:41:43

-6dB Bandwidth NVNT g 2412MHz Ant1



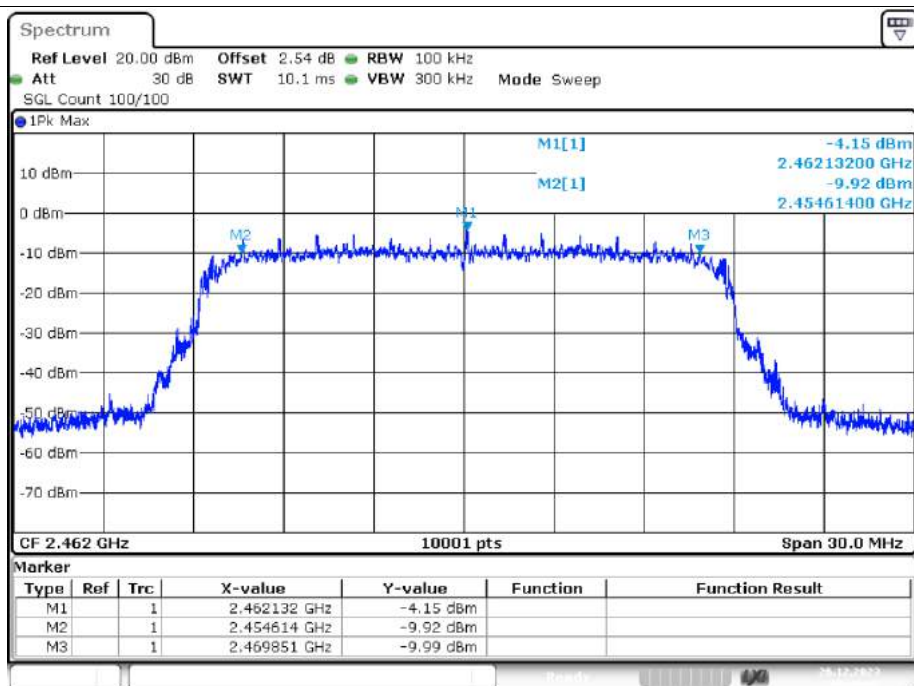
Date: 26.DEC.2023 07:48:22

-6dB Bandwidth NVNT g 2437MHz Ant1



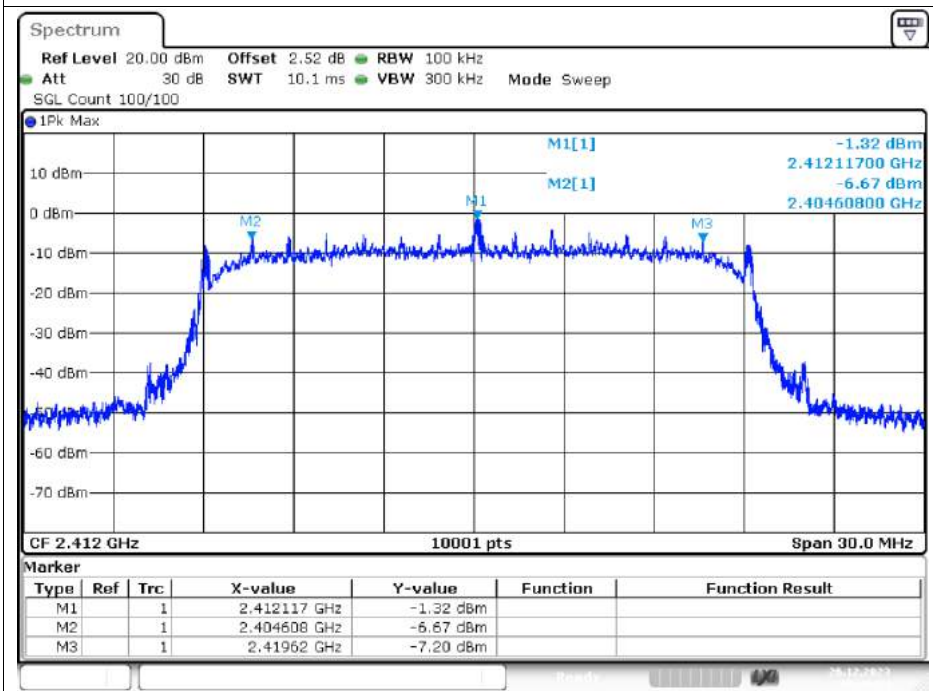
Date: 26.DEC.2023 07:46:55

-6dB Bandwidth NVNT g 2462MHz Ant1



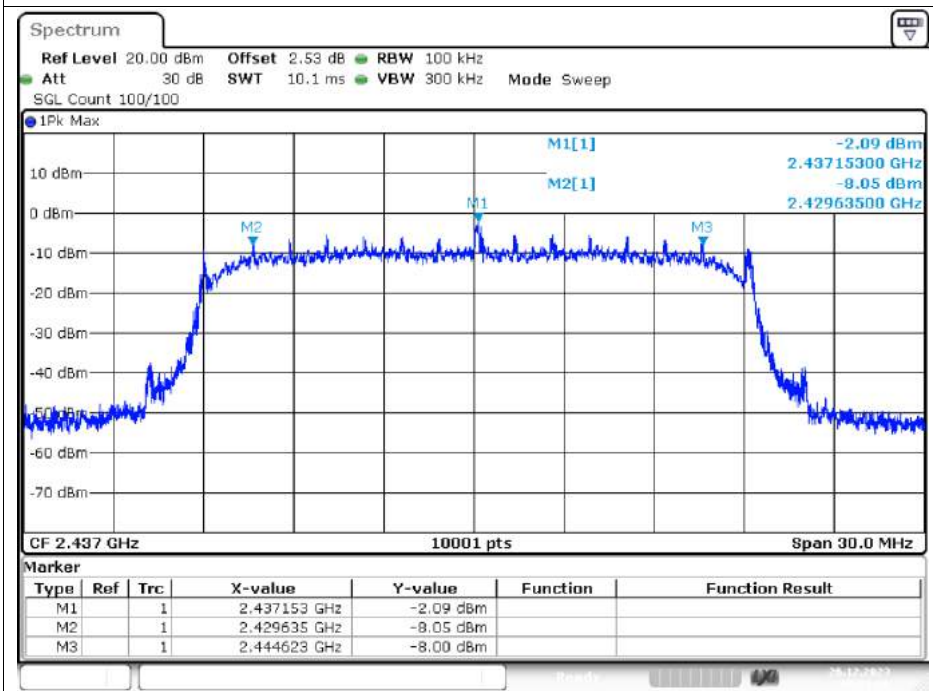
Date: 26.DEC.2023 07:44:45

-6dB Bandwidth NVNT n20 2412MHz Ant1



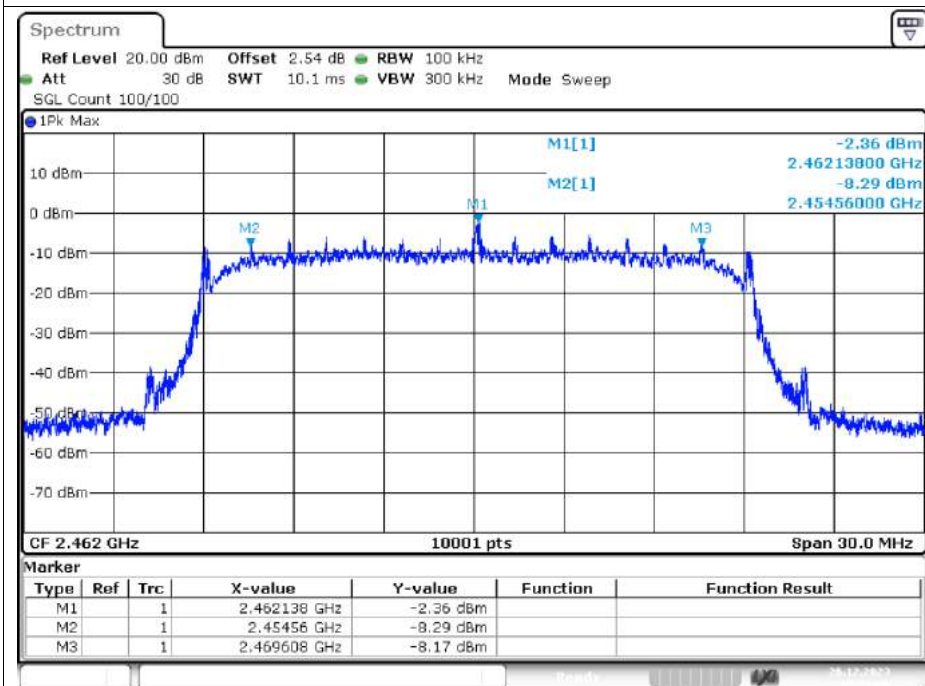
Date: 26.DEC.2023 07:49:54

-6dB Bandwidth NVNT n20 2437MHz Ant1



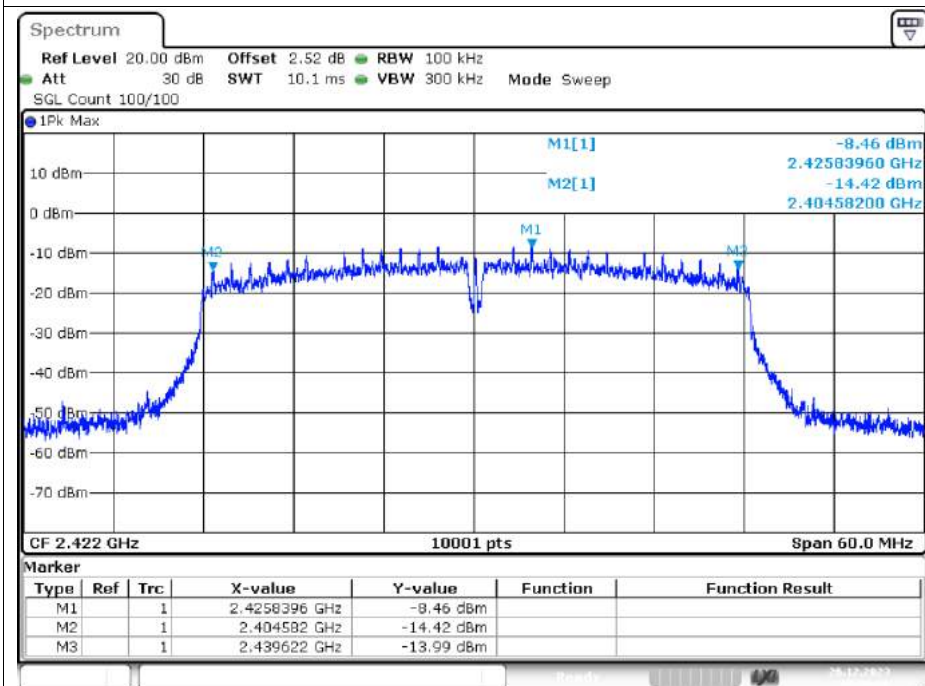
Date: 26.DEC.2023 07:53:29

-6dB Bandwidth NVNT n20 2462MHz Ant1



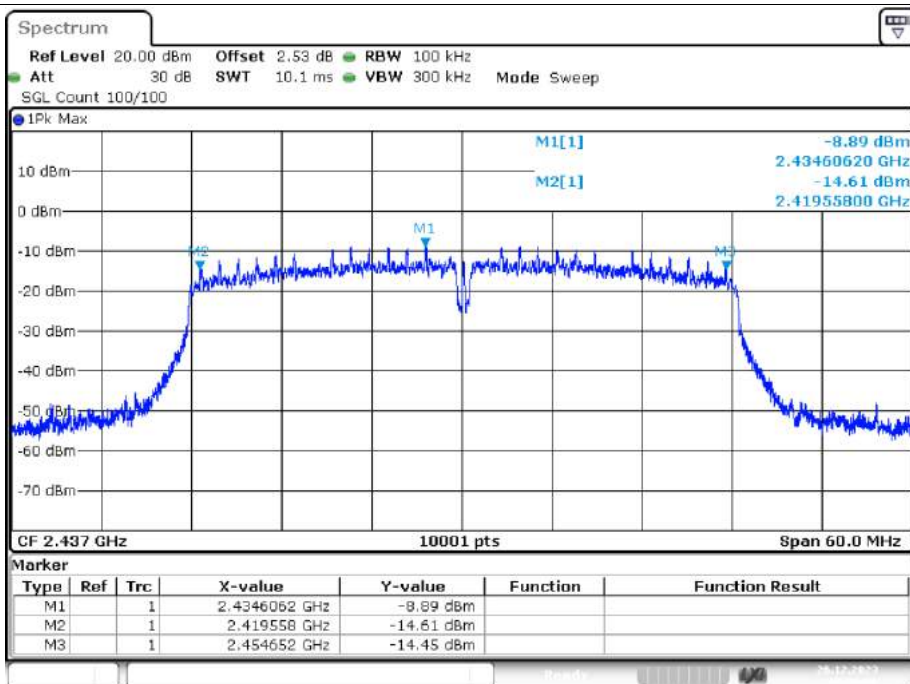
Date: 26.DEC.2023 07:54:48

-6dB Bandwidth NVNT n40 2422MHz Ant1



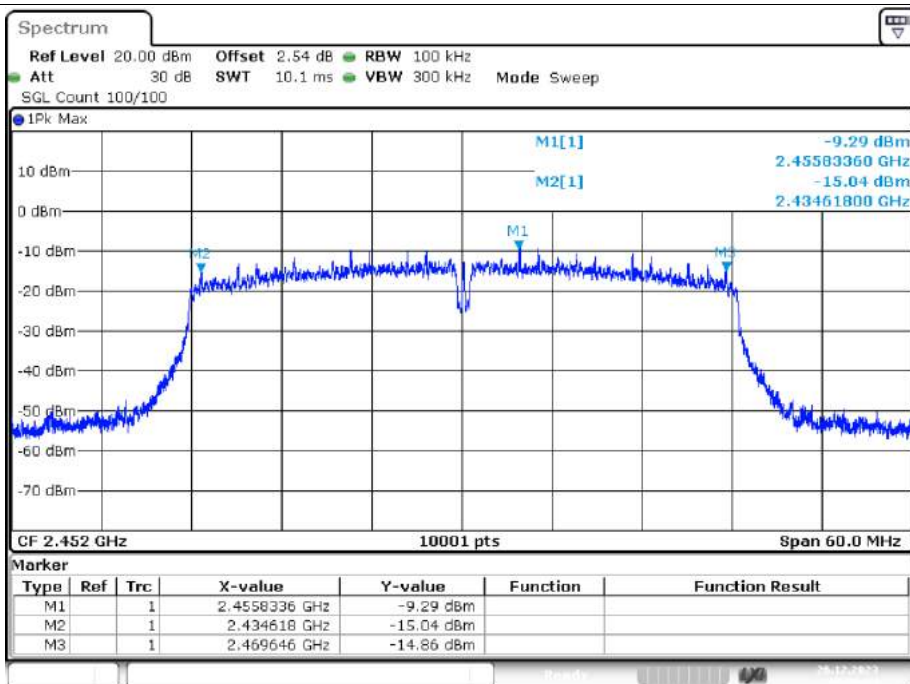
Date: 26.DEC.2023 07:59:29

-6dB Bandwidth NVNT n40 2437MHz Ant1



Date: 26.DEC.2023 07:58:08

-6dB Bandwidth NVNT n40 2452MHz Ant1



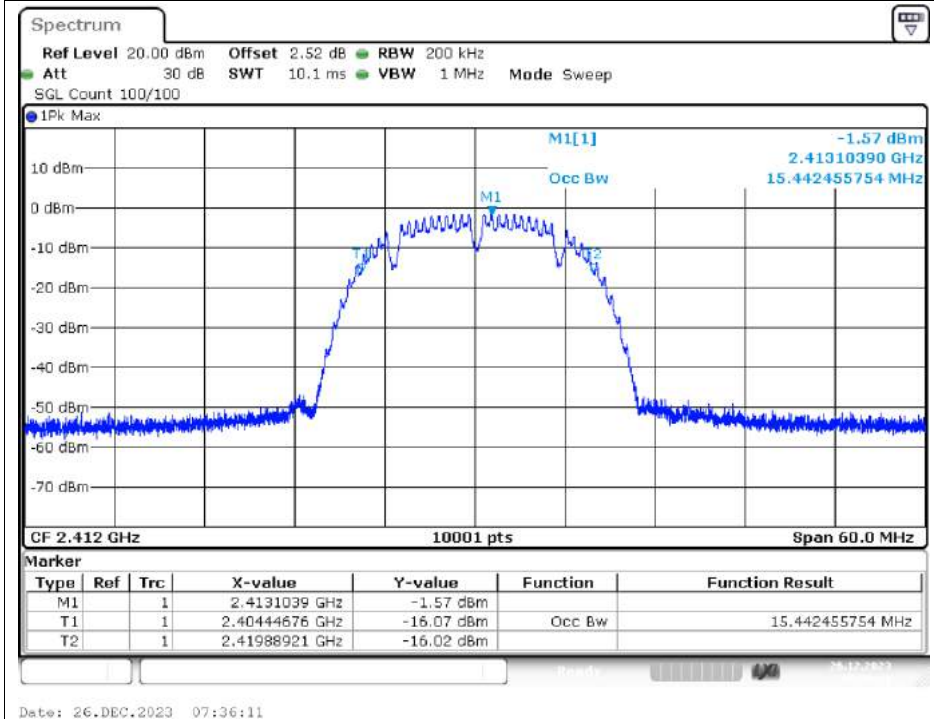
Date: 26.DEC.2023 07:56:33

Occupied Channel Bandwidth

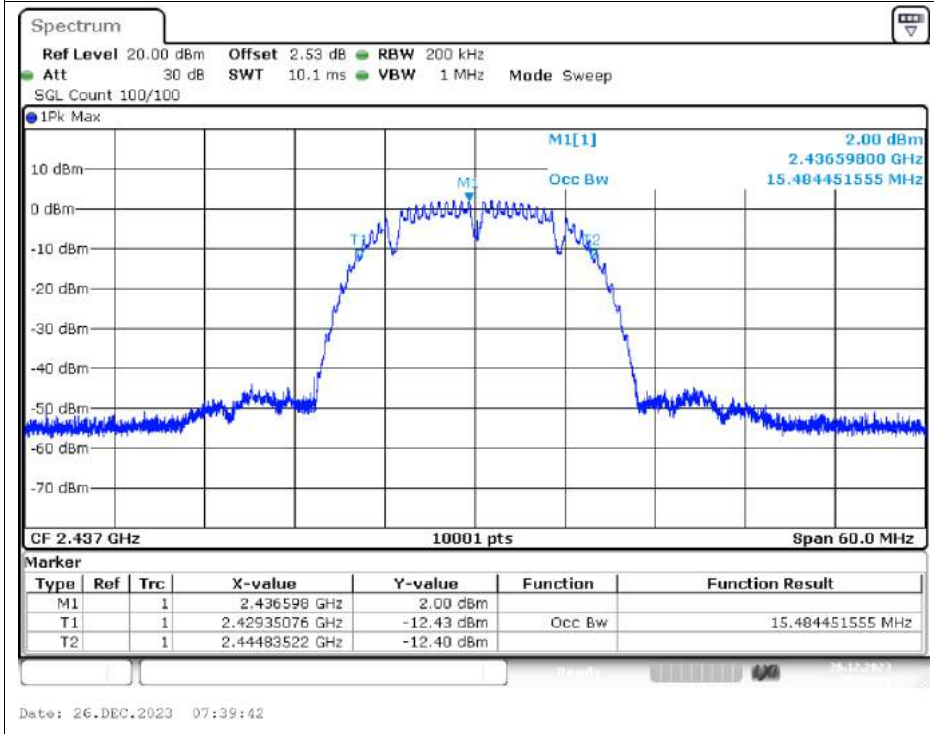
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	15.442
NVNT	b	2437	Ant1	15.484
NVNT	b	2462	Ant1	15.448
NVNT	g	2412	Ant1	17.272
NVNT	g	2437	Ant1	17.188
NVNT	g	2462	Ant1	17.26
NVNT	n20	2412	Ant1	18.196
NVNT	n20	2437	Ant1	18.124
NVNT	n20	2462	Ant1	18.142
NVNT	n40	2422	Ant1	35.708
NVNT	n40	2437	Ant1	35.816
NVNT	n40	2452	Ant1	35.768

Test Graphs

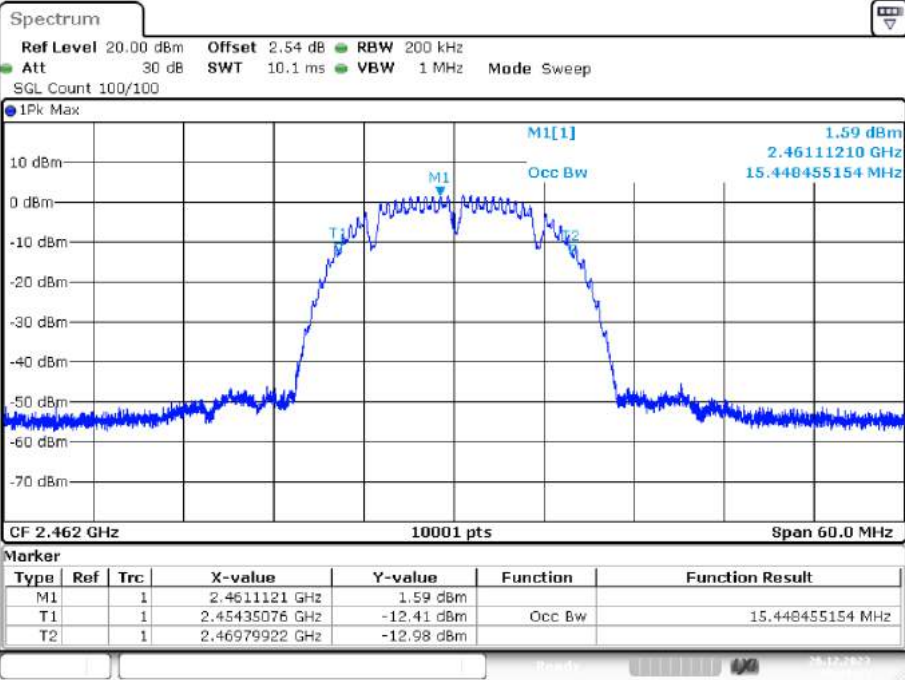
OBW NVNT b 2412MHz Ant1



OBW NVNT b 2437MHz Ant1

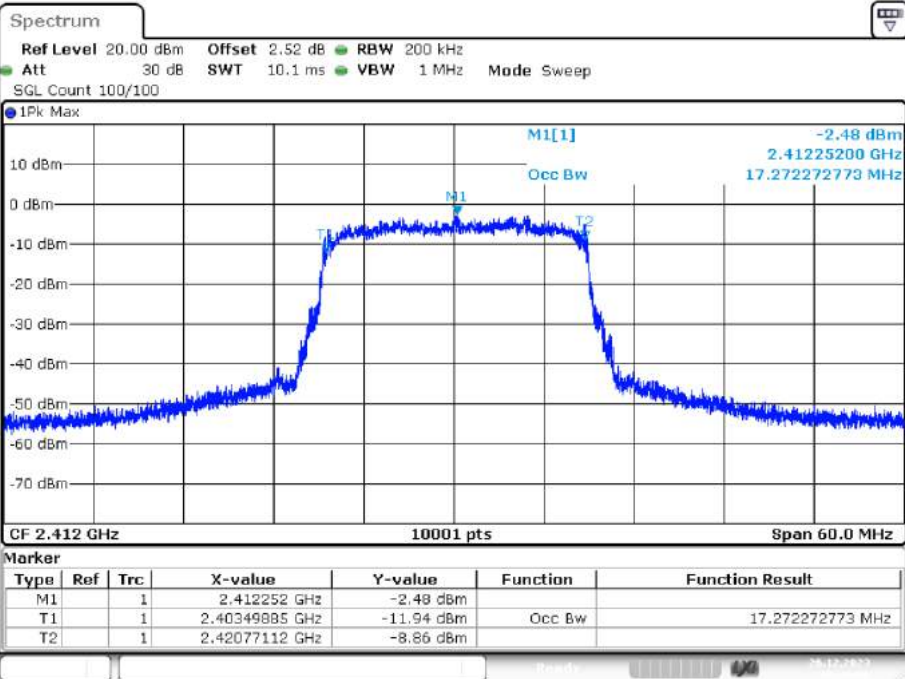


OBW NVNT b 2462MHz Ant1



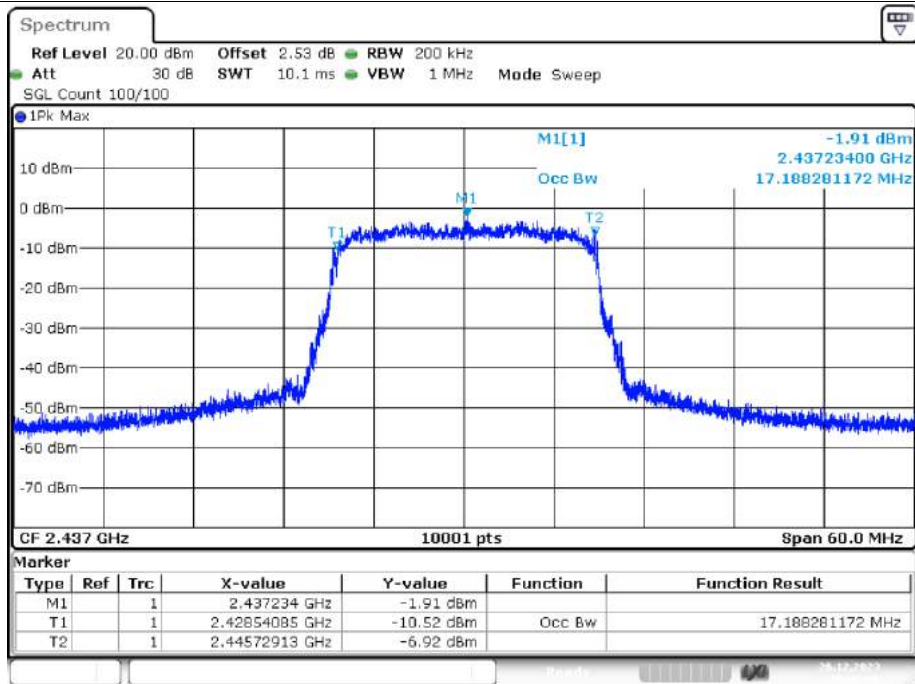
Date: 26.DEC.2023 07:41:13

OBW NVNT g 2412MHz Ant1



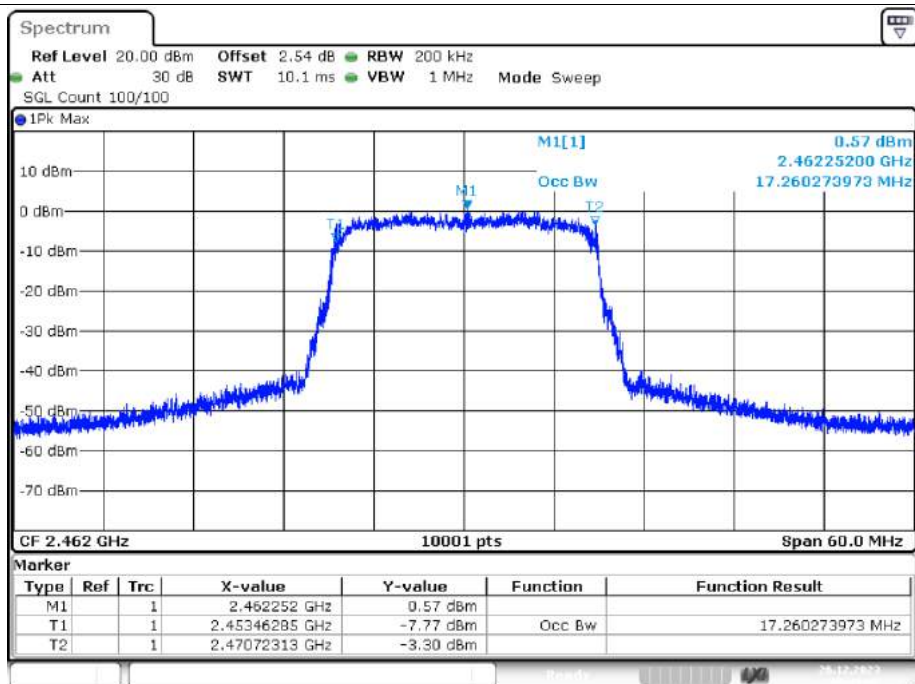
Date: 26.DEC.2023 07:48:06

OBW NVNT g 2437MHz Ant1



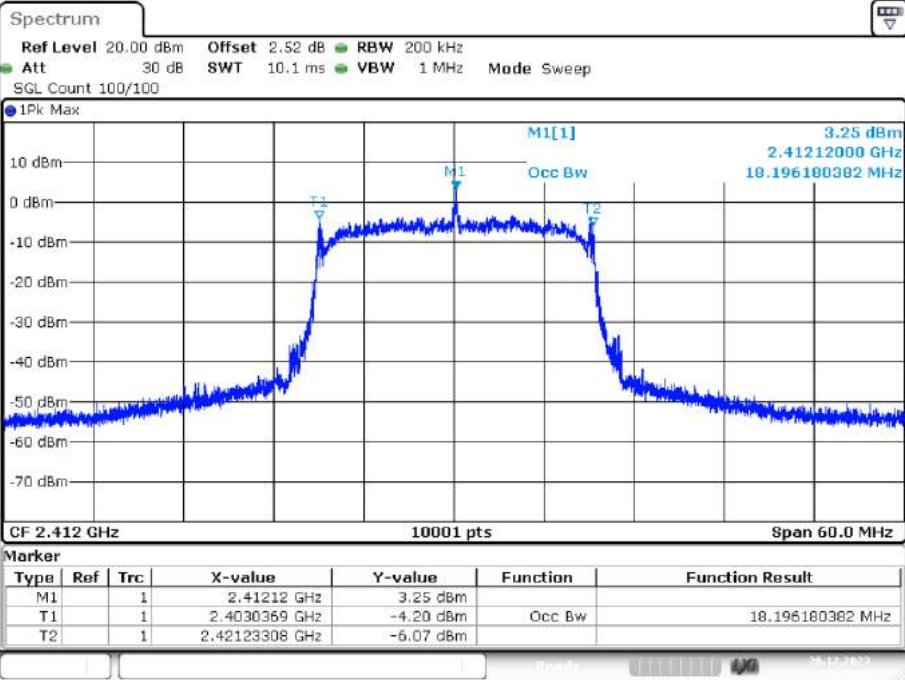
Date: 26.DEC.2023 07:46:40

OBW NVNT g 2462MHz Ant1



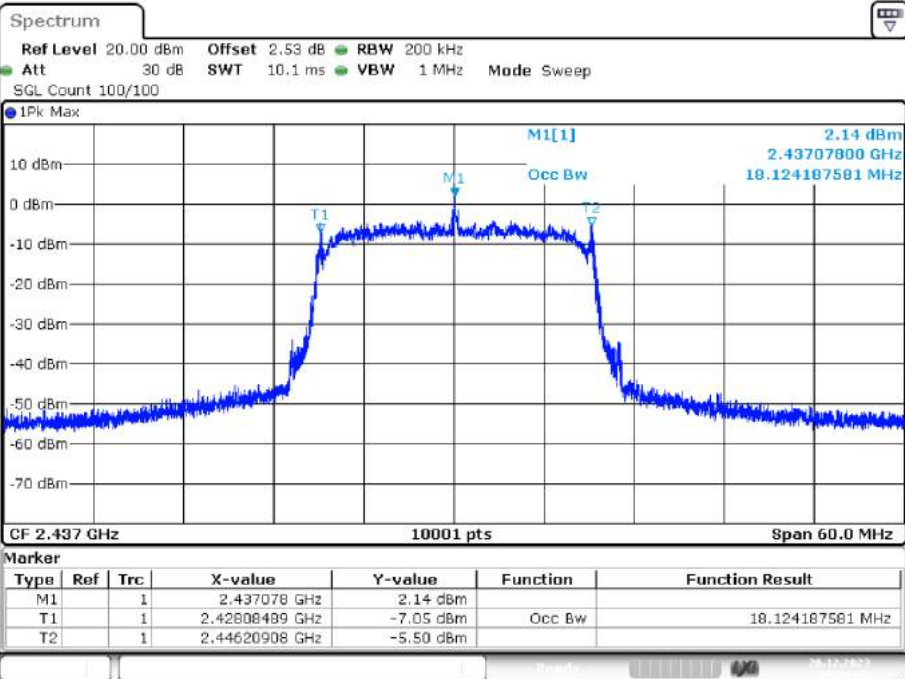
Date: 26.DEC.2023 07:43:47

OBW NVNT n20 2412MHz Ant1



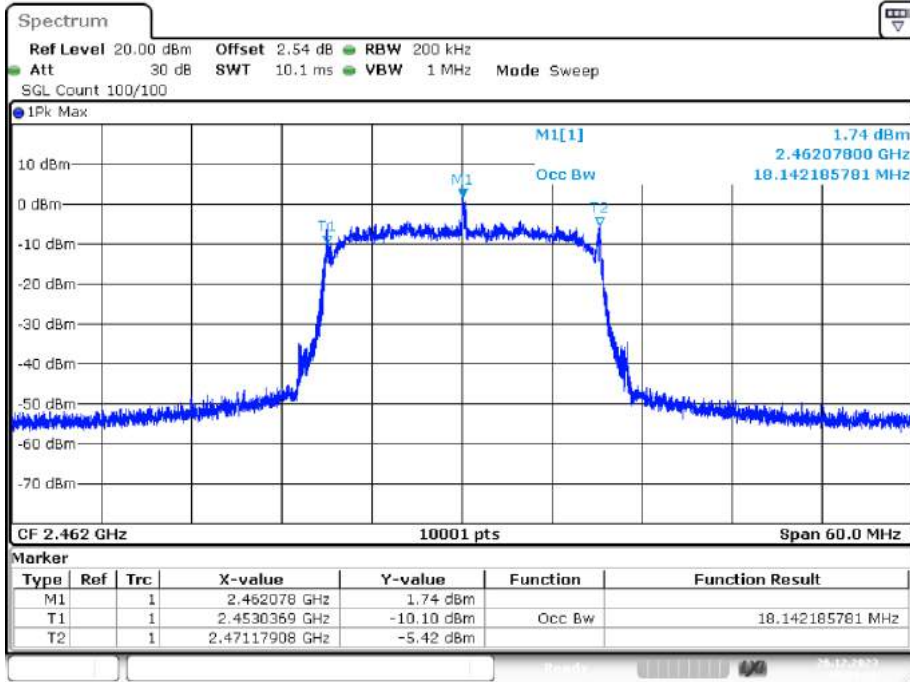
Date: 26.DEC.2023 07:49:38

OBW NVNT n20 2437MHz Ant1



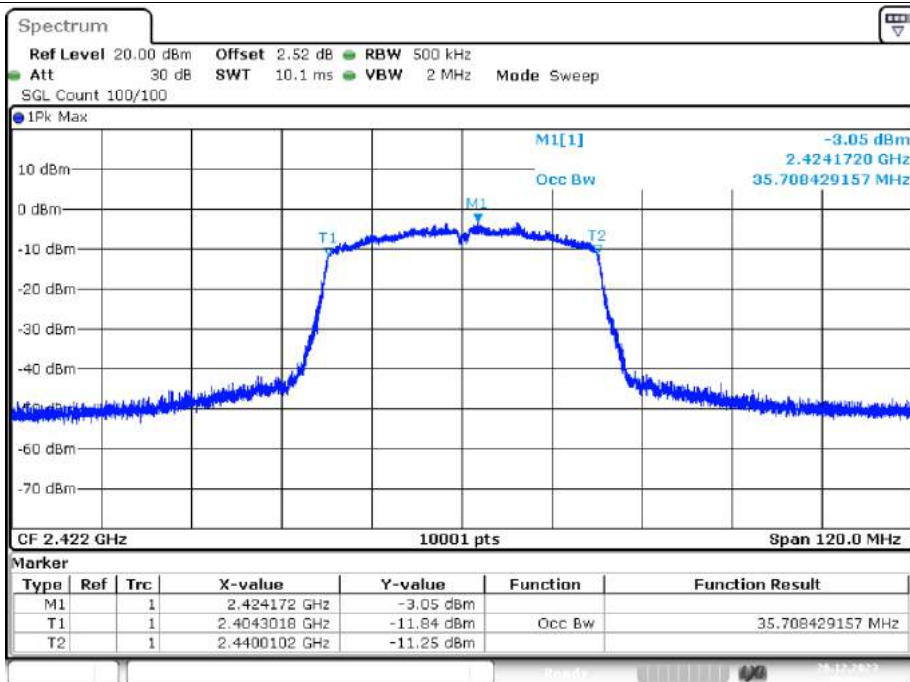
Date: 26.DEC.2023 07:53:13

OBW NVNT n20 2462MHz Ant1



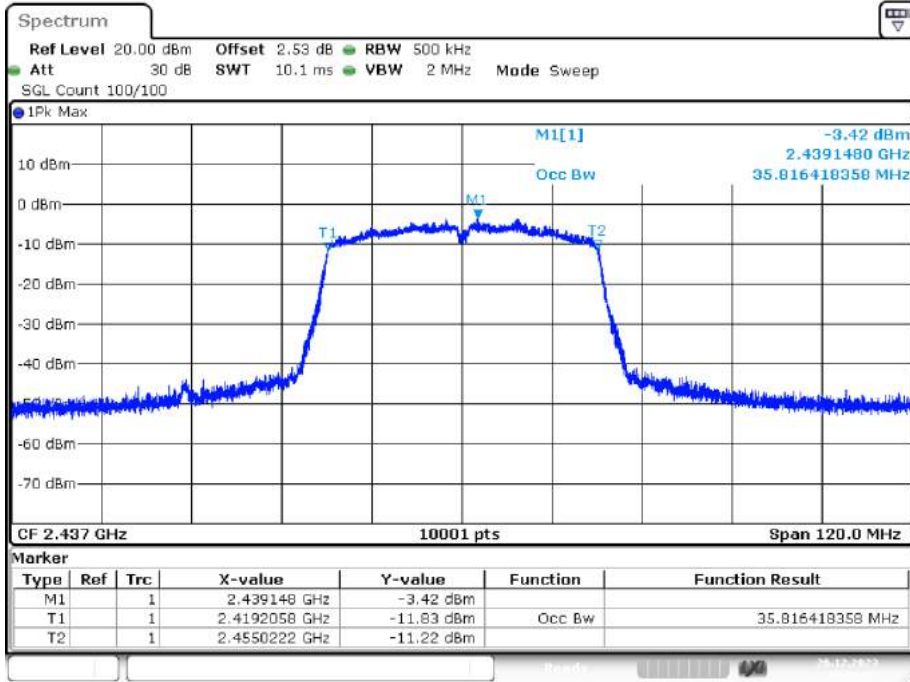
Date: 26.DEC.2023 07:54:31

OBW NVNT n40 2422MHz Ant1



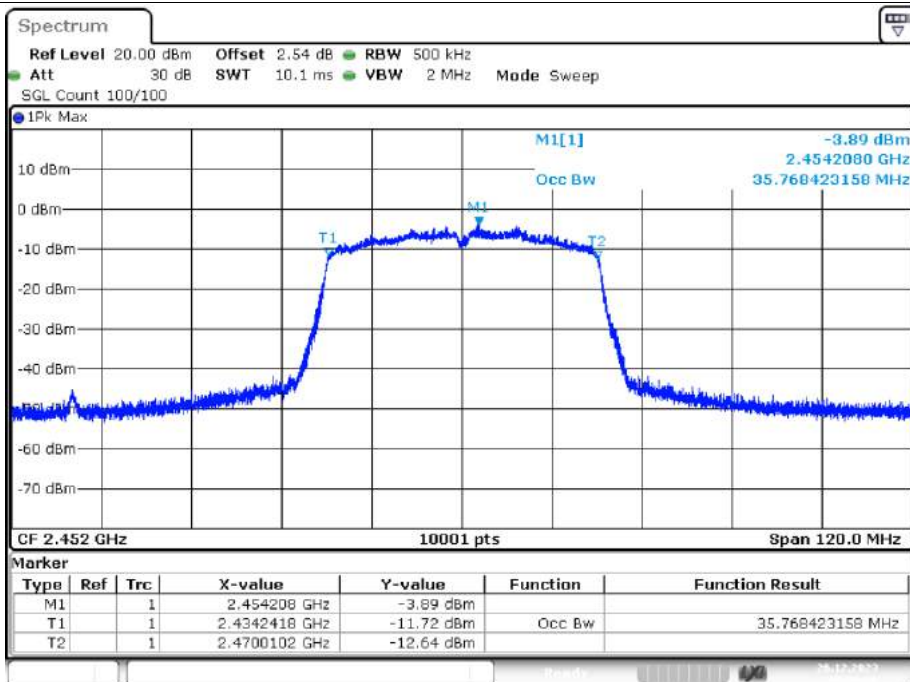
Date: 26.DEC.2023 07:59:16

OBW NVNT n40 2437MHz Ant1



Date: 26.DEC.2023 07:57:54

OBW NVNT n40 2452MHz Ant1



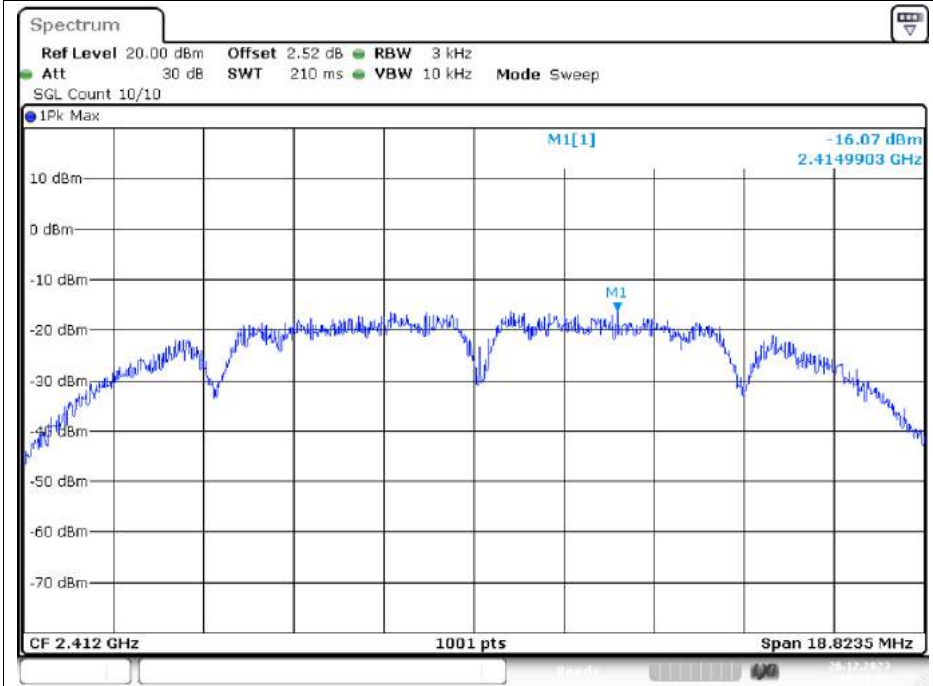
Date: 26.DEC.2023 07:56:20

Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-16.07	0	-16.07	8	Pass
NVNT	b	2437	Ant1	-13.11	0	-13.11	8	Pass
NVNT	b	2462	Ant1	-13.01	0	-13.01	8	Pass
NVNT	g	2412	Ant1	-13.97	0	-13.97	8	Pass
NVNT	g	2437	Ant1	-13.84	0	-13.84	8	Pass
NVNT	g	2462	Ant1	-14.63	0	-14.63	8	Pass
NVNT	n20	2412	Ant1	-12.84	0	-12.84	8	Pass
NVNT	n20	2437	Ant1	-12.93	0	-12.93	8	Pass
NVNT	n20	2462	Ant1	-13.03	0	-13.03	8	Pass
NVNT	n40	2422	Ant1	-12.95	0	-12.95	8	Pass
NVNT	n40	2437	Ant1	-13.89	0	-13.89	8	Pass
NVNT	n40	2452	Ant1	-13.97	0	-13.97	8	Pass

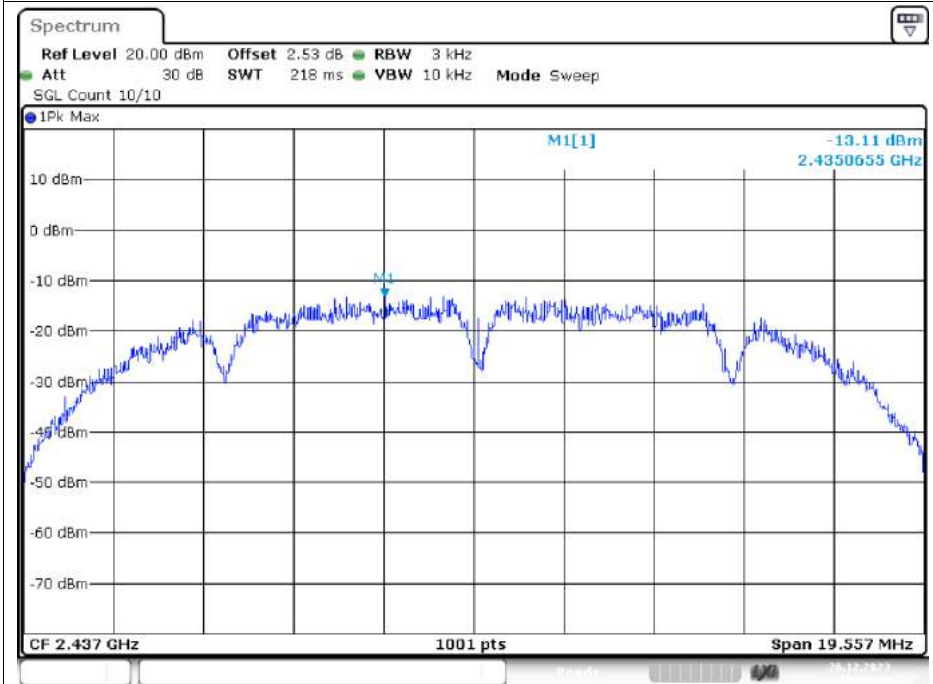
Test Graphs

PSD NVNT b 2412MHz Ant1



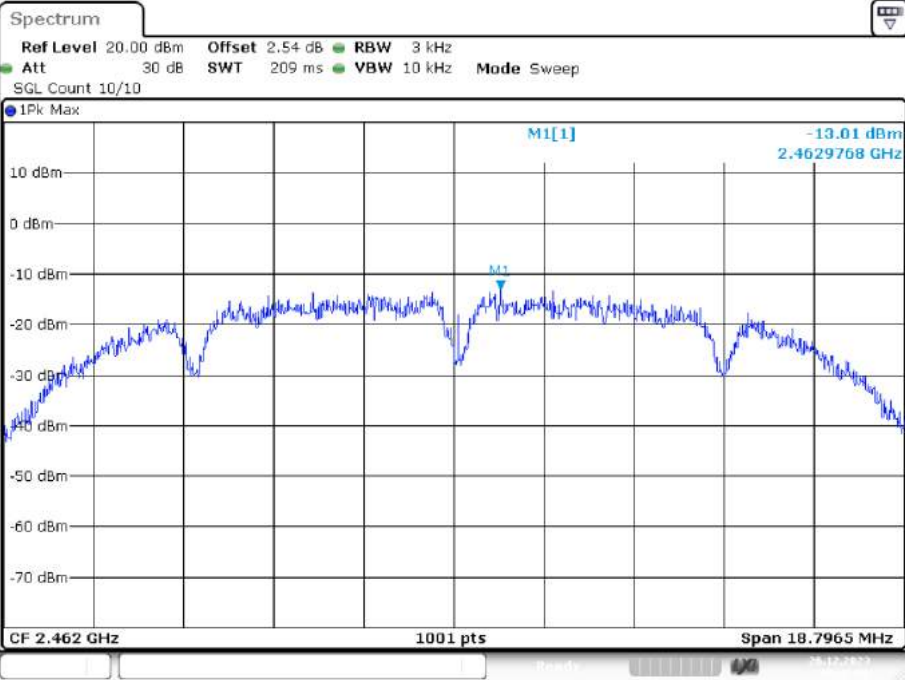
Date: 26.DEC.2023 07:35:06

PSD NVNT b 2437MHz Ant1



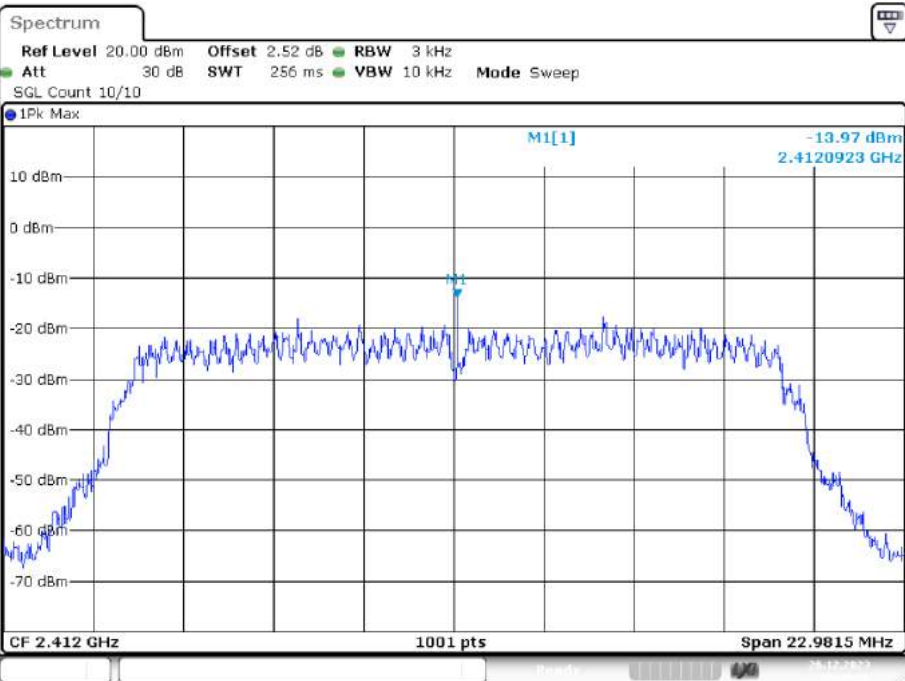
Date: 26.DEC.2023 07:40:11

PSD NVNT b 2462MHz Ant1



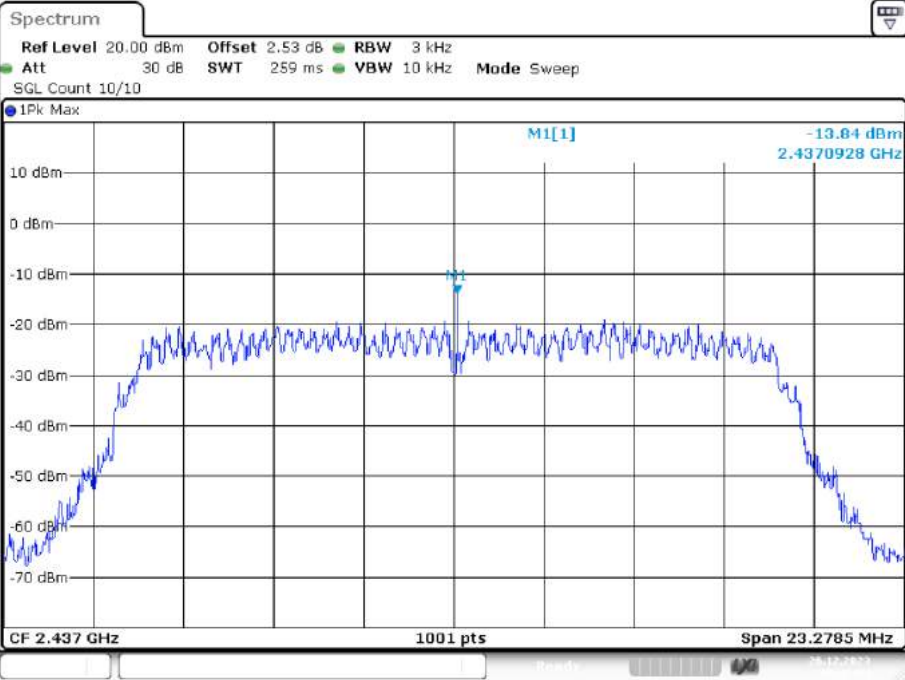
Date: 26.DEC.2023 07:42:01

PSD NVNT g 2412MHz Ant1



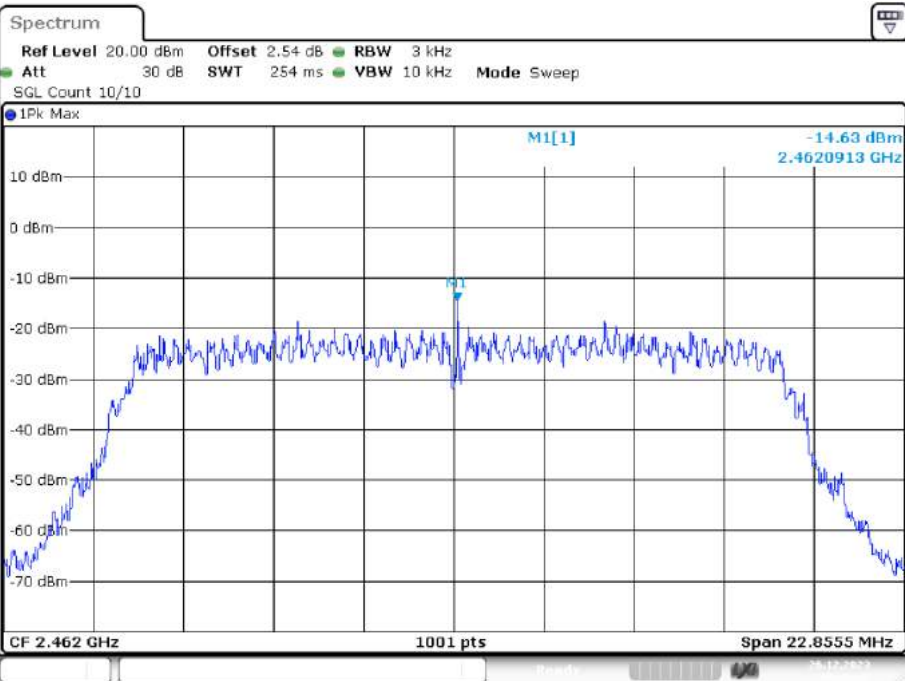
Date: 26.DEC.2023 07:48:31

PSD NVNT g 2437MHz Ant1



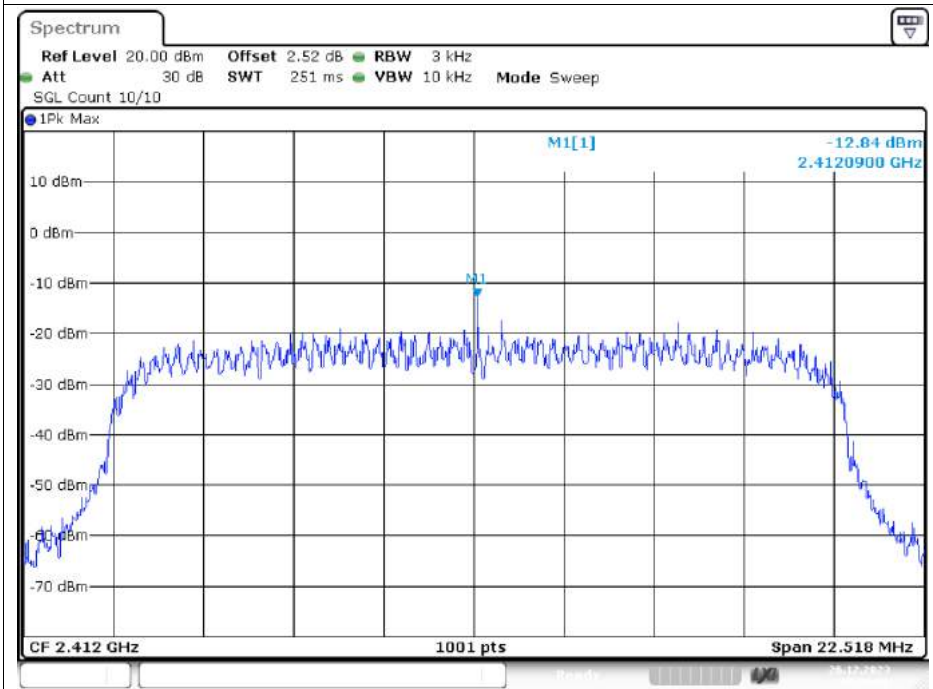
Date: 26.DEC.2023 07:47:04

PSD NVNT g 2462MHz Ant1



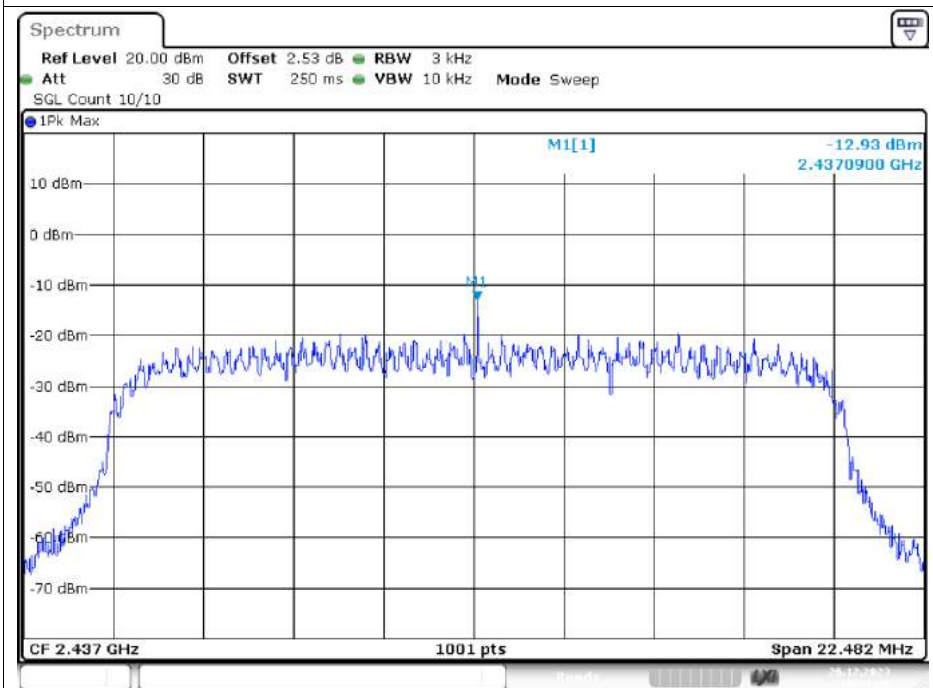
Date: 26.DEC.2023 07:45:17

PSD NVNT n20 2412MHz Ant1



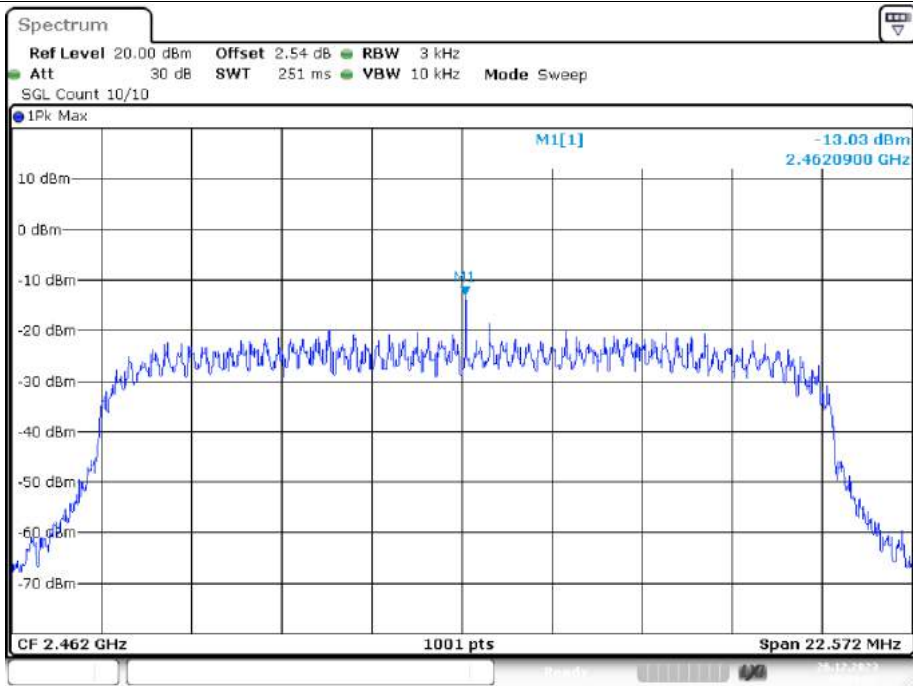
Date: 26.DEC.2023 07:50:03

PSD NVNT n20 2437MHz Ant1



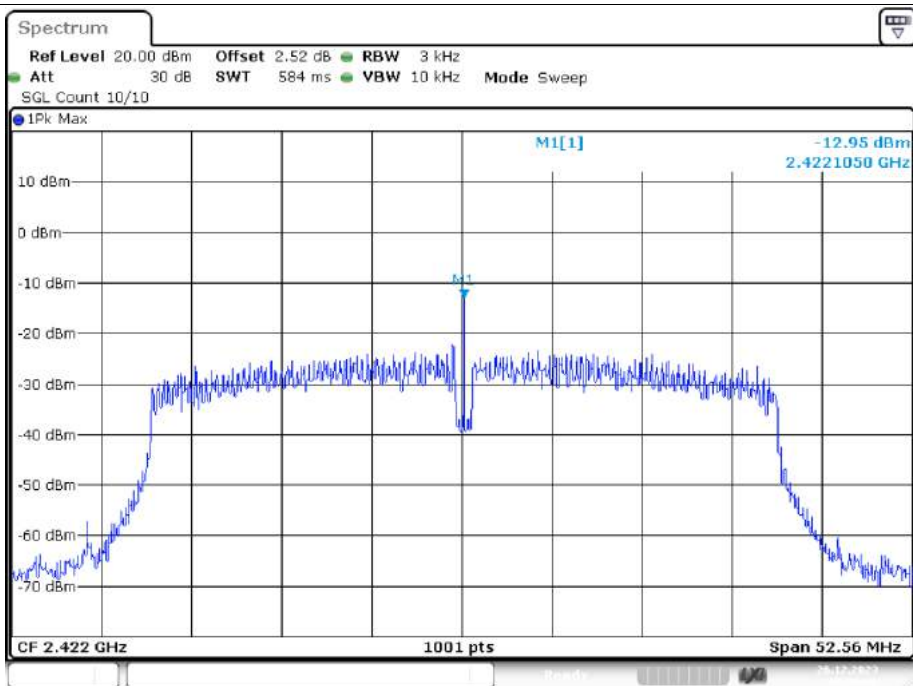
Date: 26.DEC.2023 07:53:38

PSD NVNT n20 2462MHz Ant1



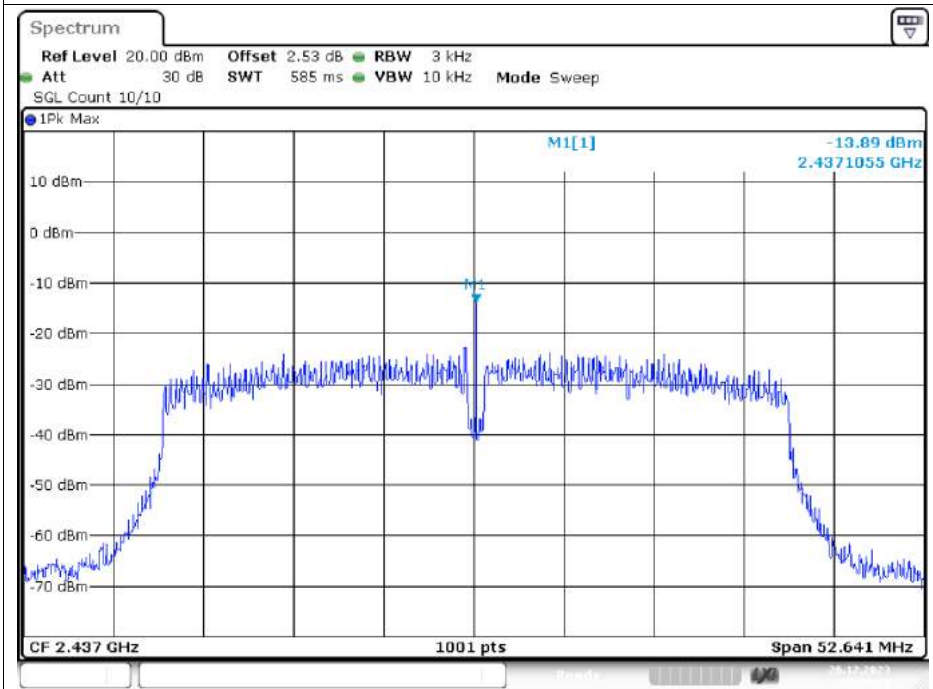
Date: 26.DEC.2023 07:54:57

PSD NVNT n40 2422MHz Ant1



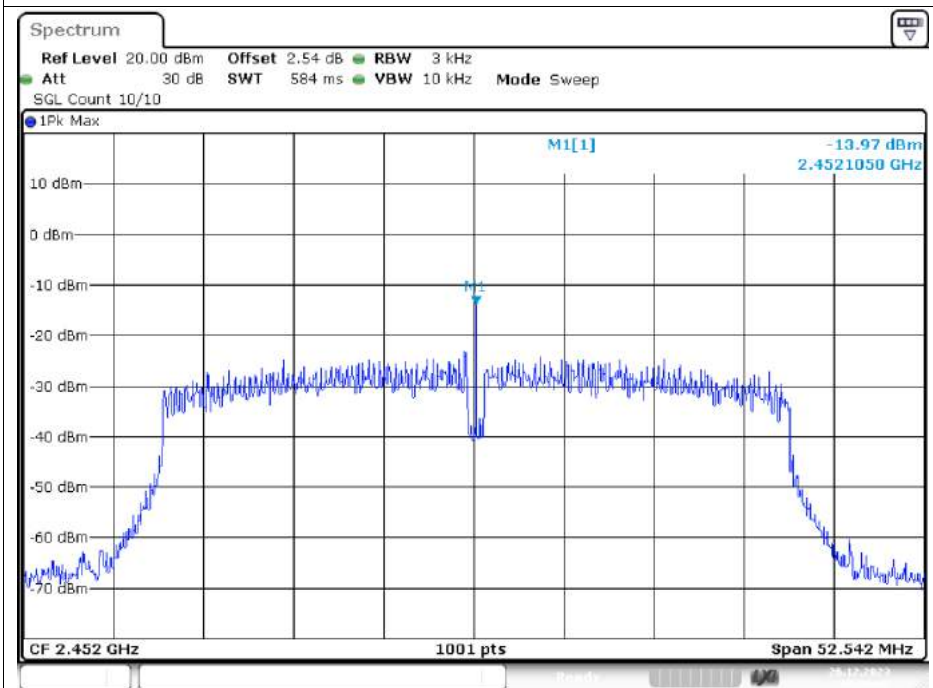
Date: 26.DEC.2023 07:59:42

PSD NVNT n40 2437MHz Ant1



Date: 26.DEC.2023 07:58:21

PSD NVNT n40 2452MHz Ant1



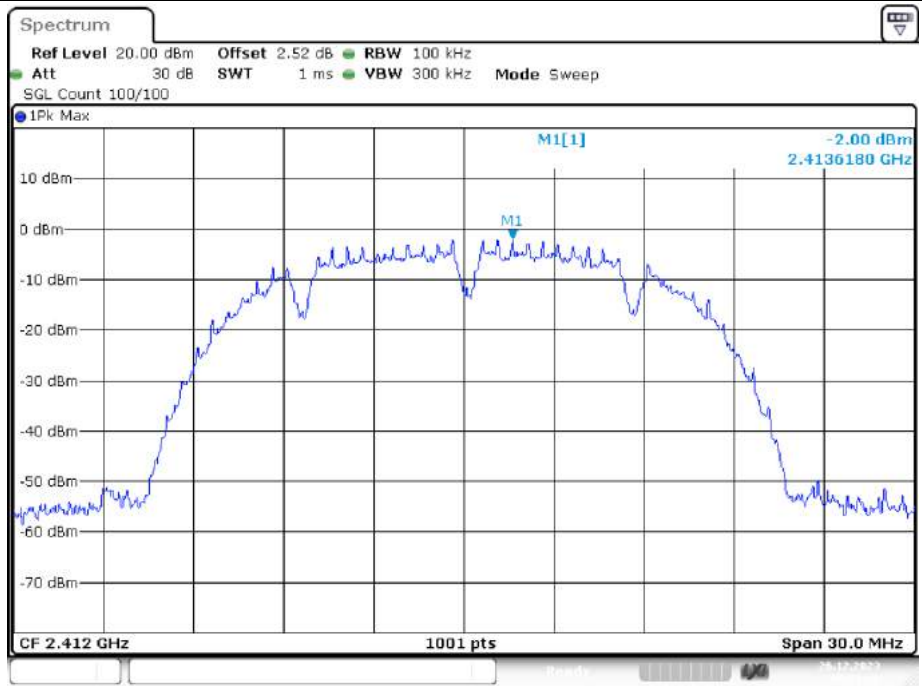
Date: 26.DEC.2023 07:56:46

Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-49.46	-20	Pass
NVNT	b	2462	Ant1	-55.48	-20	Pass
NVNT	g	2412	Ant1	-42.08	-20	Pass
NVNT	g	2462	Ant1	-48.37	-20	Pass
NVNT	n20	2412	Ant1	-44.1	-20	Pass
NVNT	n20	2462	Ant1	-51.23	-20	Pass
NVNT	n40	2422	Ant1	-40.22	-20	Pass
NVNT	n40	2452	Ant1	-44.3	-20	Pass

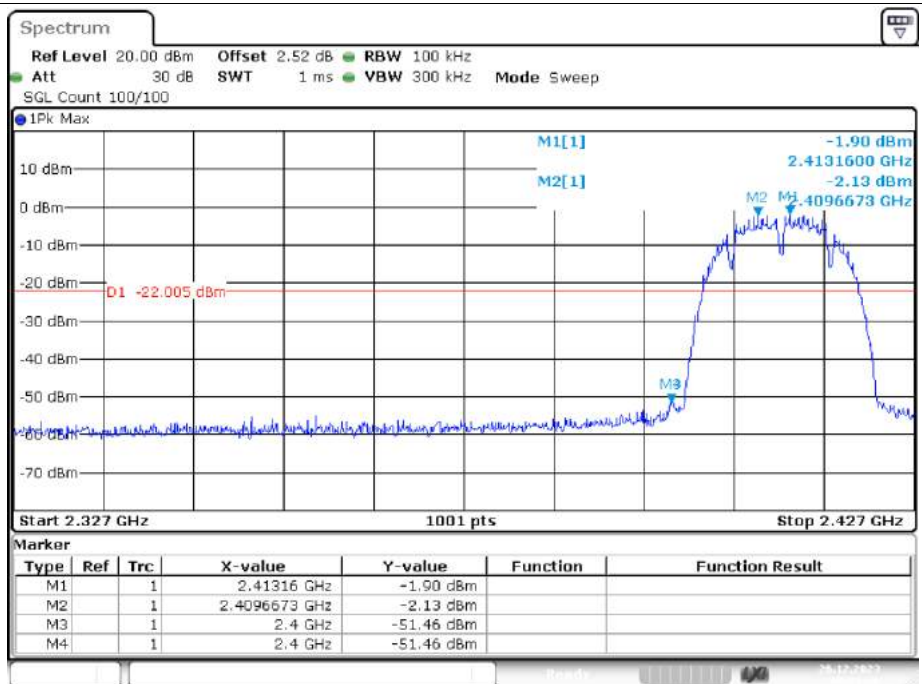
Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



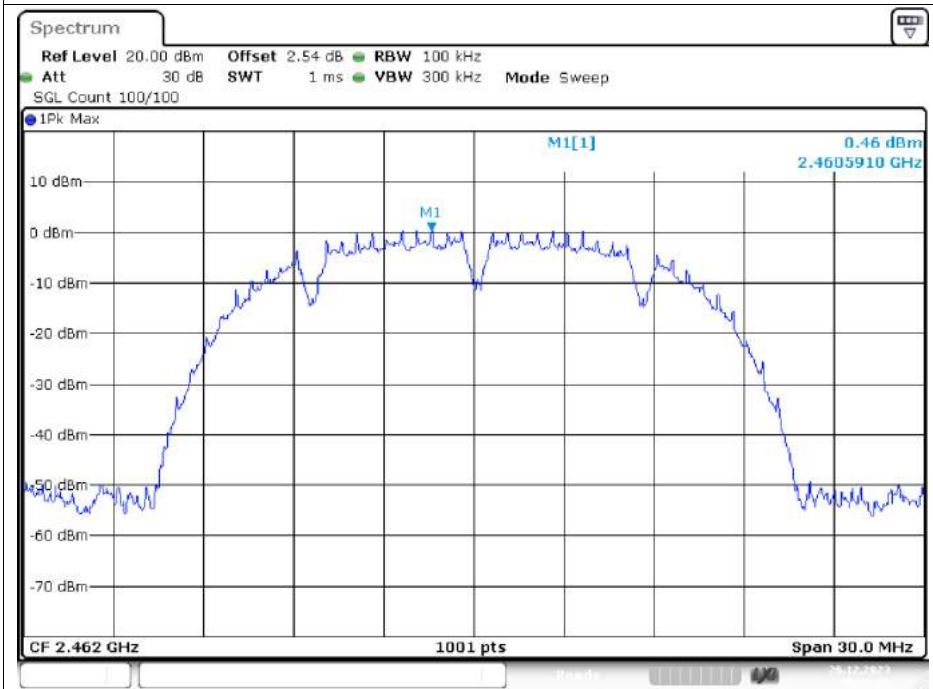
Date: 26.DEC.2023 07:35:12

Band Edge NVNT b 2412MHz Ant1 Emission



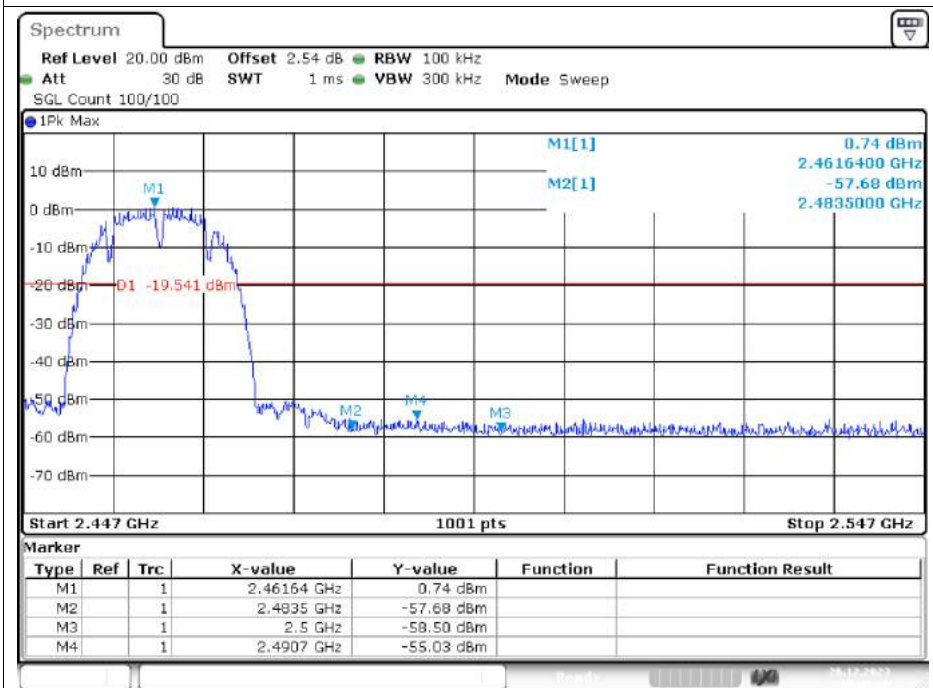
Date: 26.DEC.2023 07:35:16

Band Edge NVNT b 2462MHz Ant1 Ref



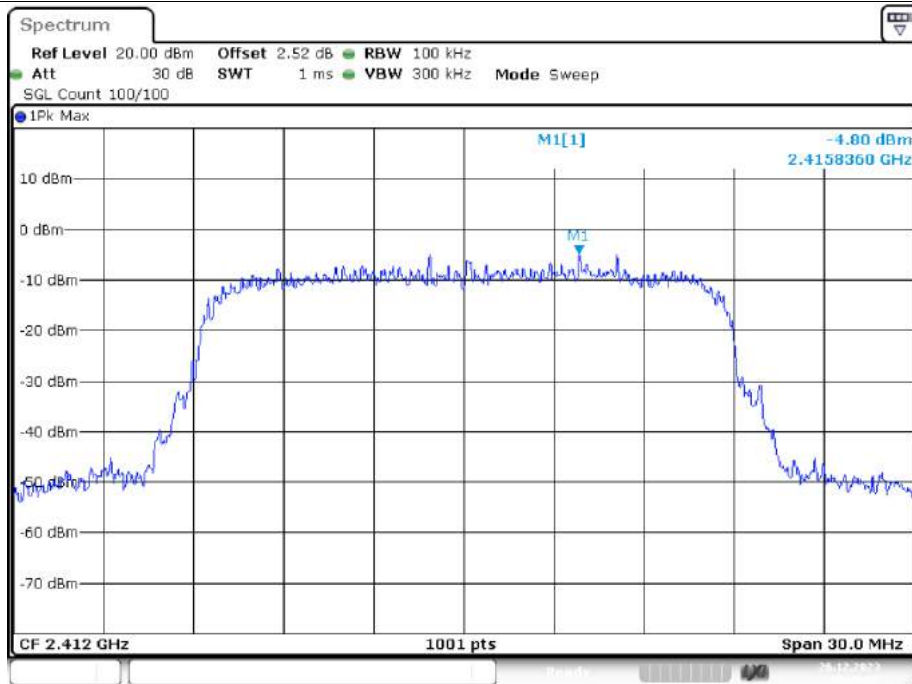
Date: 26.DEC.2023 07:42:16

Band Edge NVNT b 2462MHz Ant1 Emission



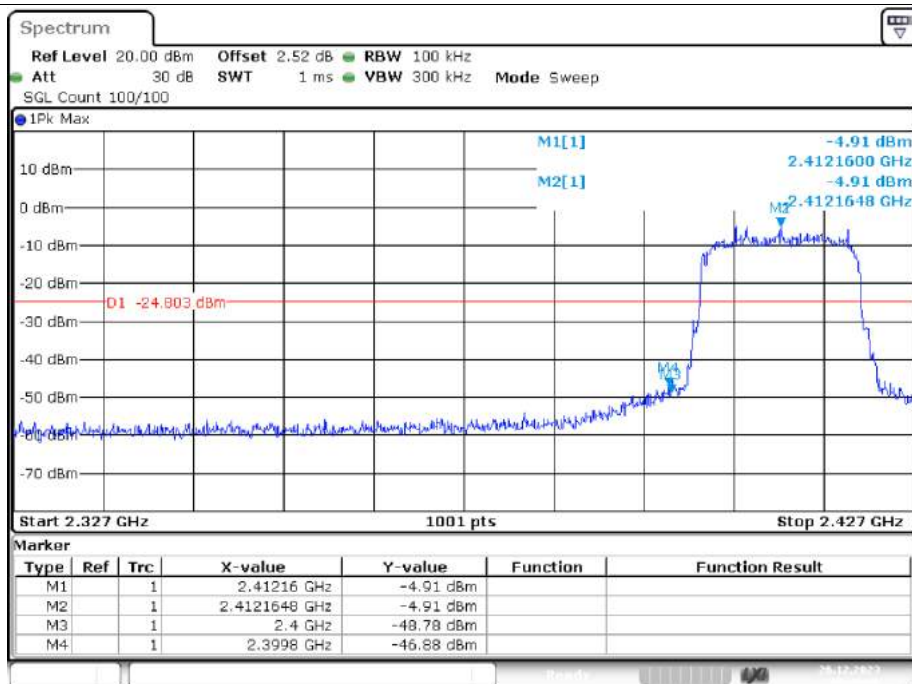
Date: 26.DEC.2023 07:42:19

Band Edge NVNT g 2412MHz Ant1 Ref



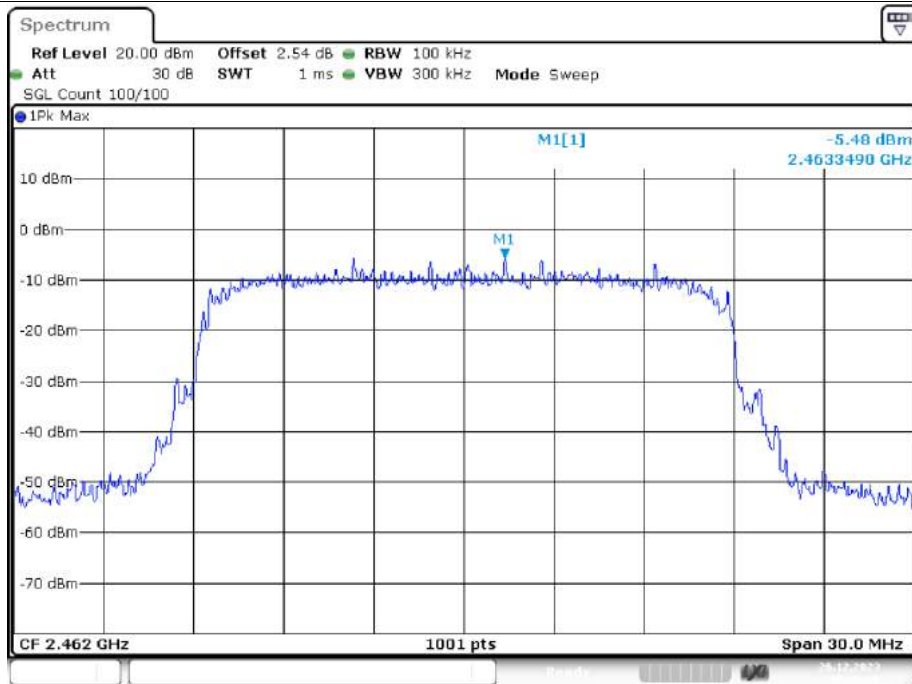
Date: 26.DEC.2023 07:48:37

Band Edge NVNT g 2412MHz Ant1 Emission



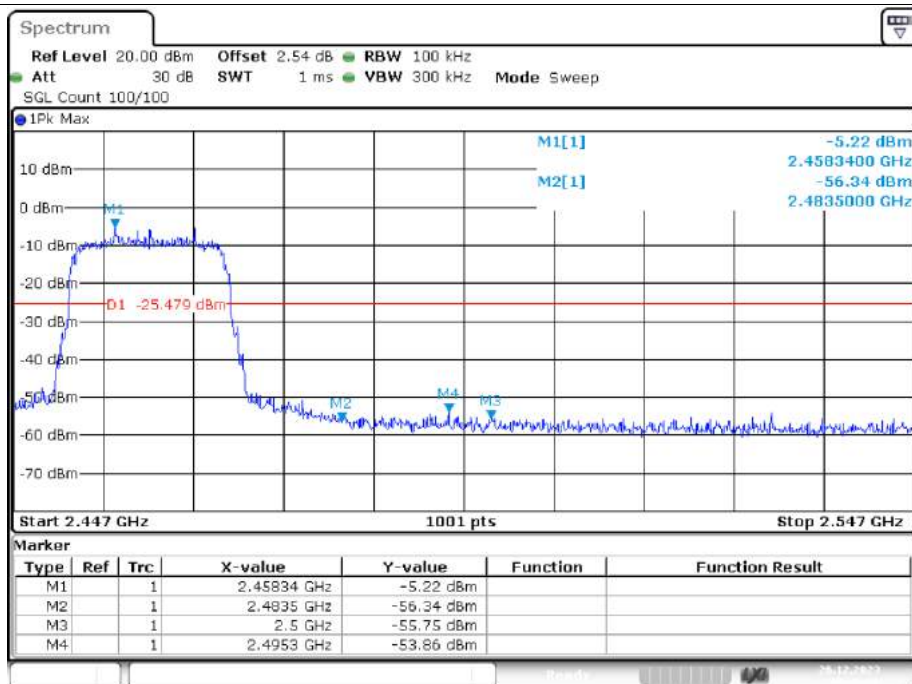
Date: 26.DEC.2023 07:48:40

Band Edge NVNT g 2462MHz Ant1 Ref



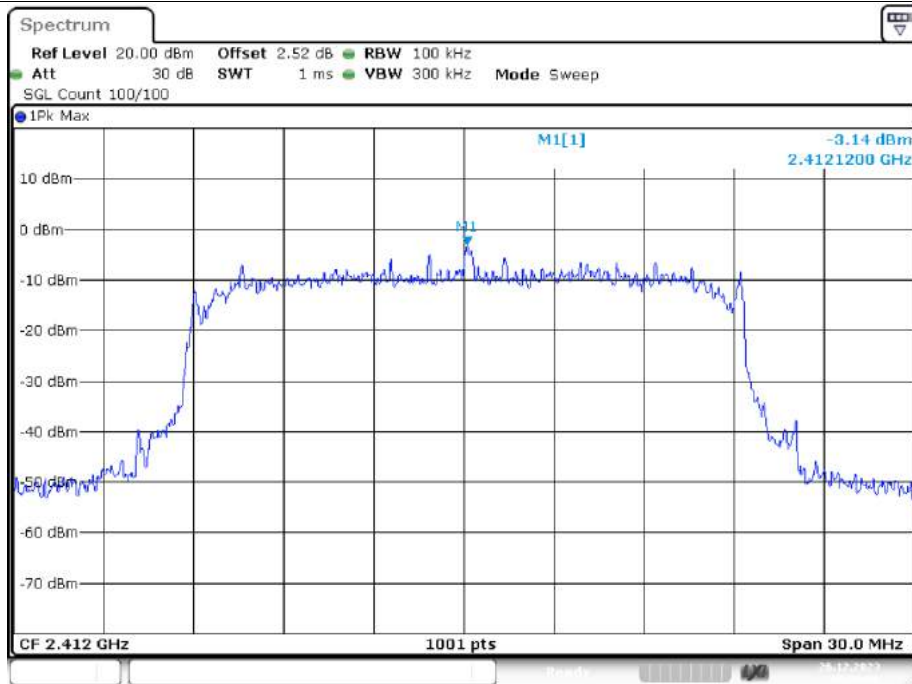
Date: 26.DEC.2023 07:45:29

Band Edge NVNT g 2462MHz Ant1 Emission



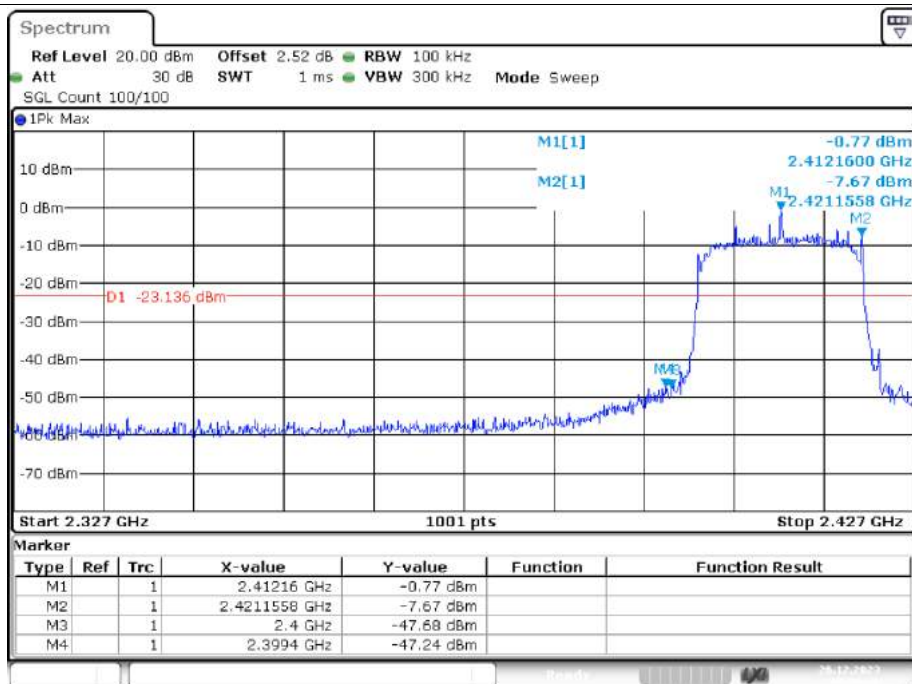
Date: 26.DEC.2023 07:45:32

Band Edge NVNT n20 2412MHz Ant1 Ref



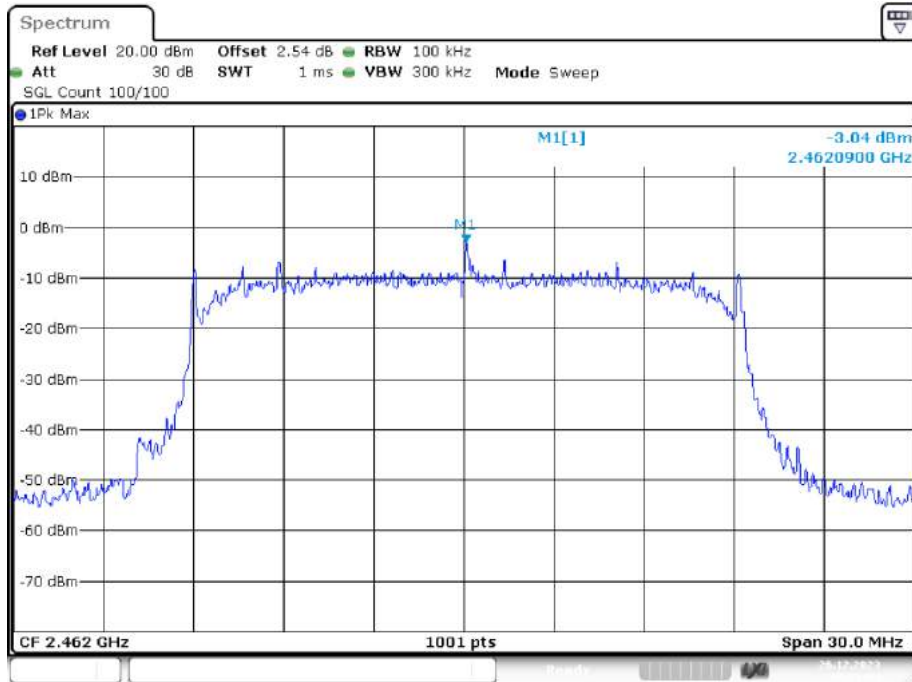
Date: 26.DEC.2023 07:50:09

Band Edge NVNT n20 2412MHz Ant1 Emission



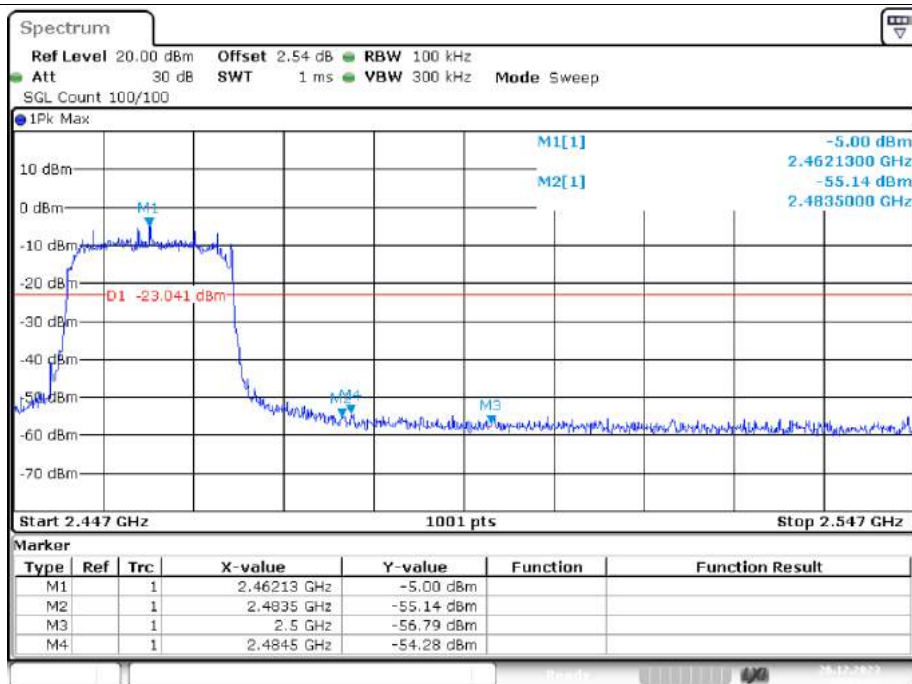
Date: 26.DEC.2023 07:50:13

Band Edge NVNT n20 2462MHz Ant1 Ref



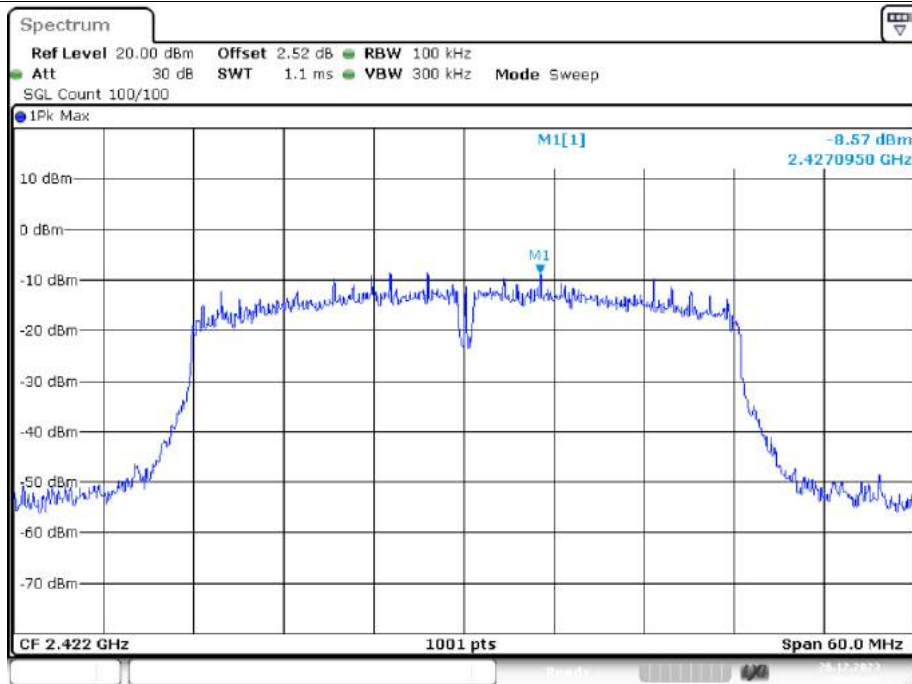
Date: 26.DEC.2023 07:55:04

Band Edge NVNT n20 2462MHz Ant1 Emission



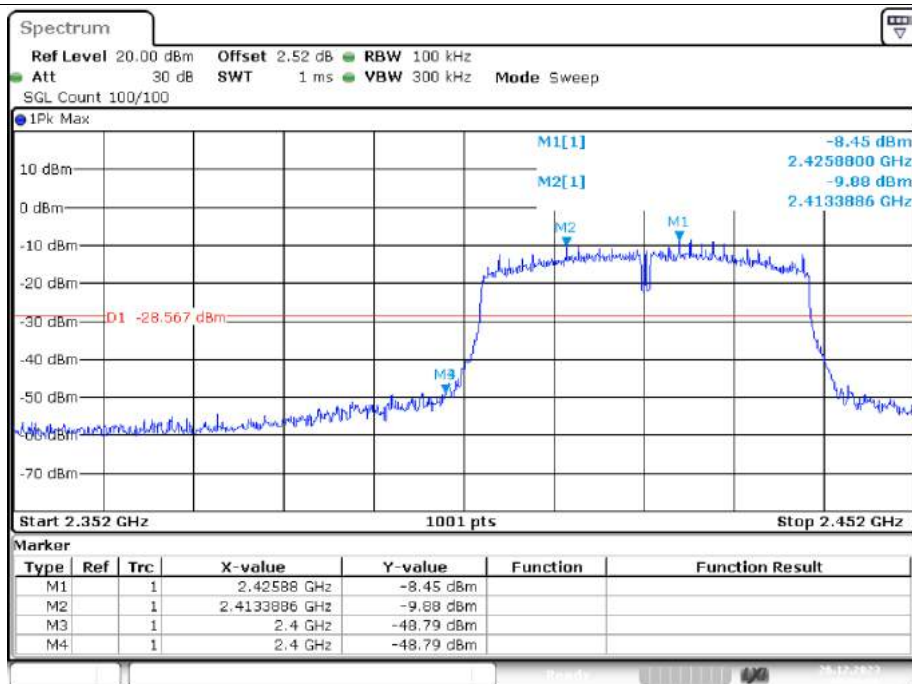
Date: 26.DEC.2023 07:55:07

Band Edge NVNT n40 2422MHz Ant1 Ref



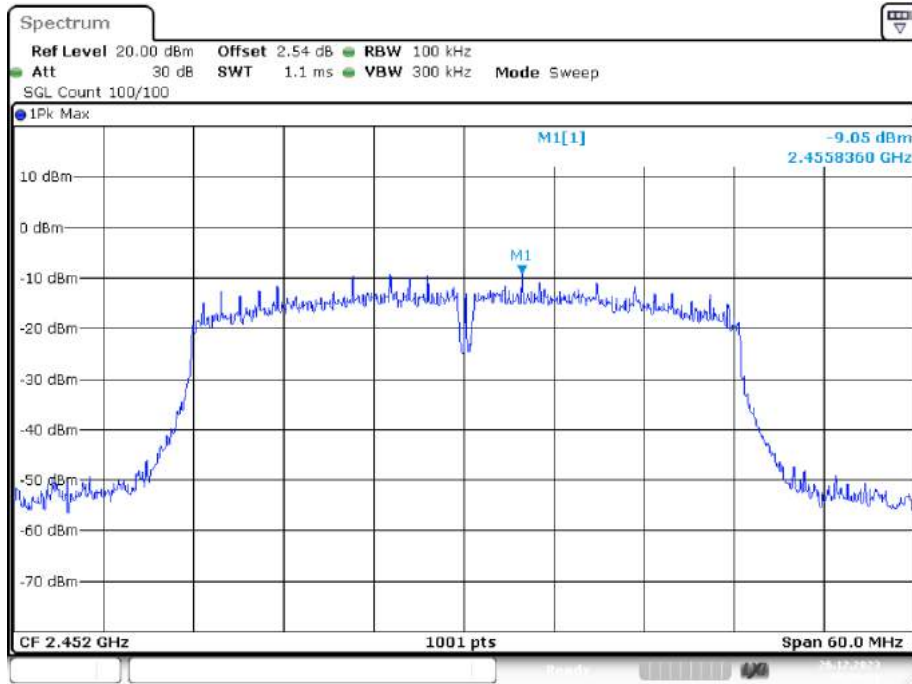
Date: 26.DEC.2023 07:59:47

Band Edge NVNT n40 2422MHz Ant1 Emission



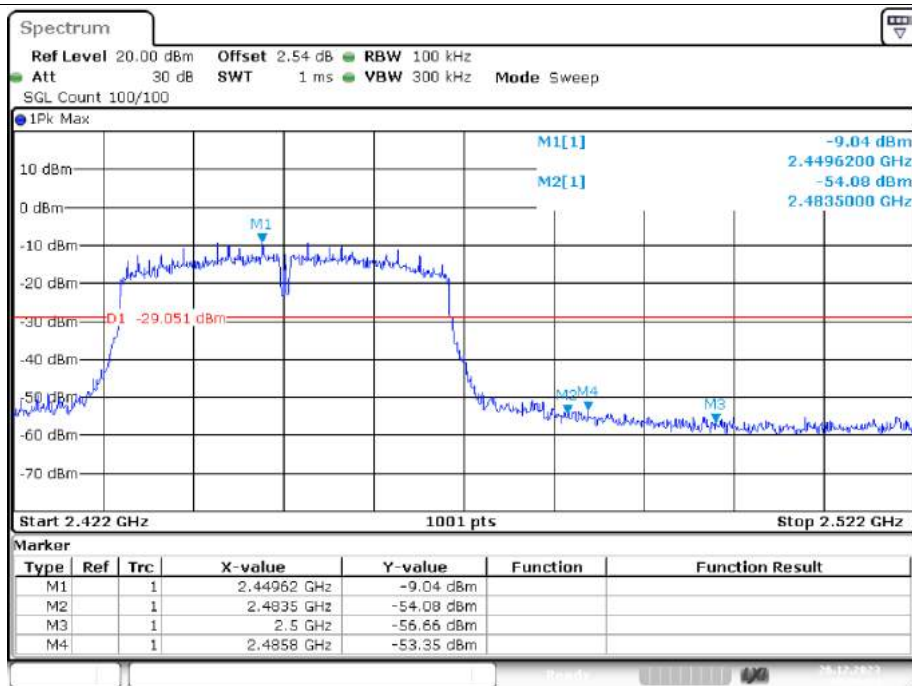
Date: 26.DEC.2023 07:59:50

Band Edge NVNT n40 2452MHz Ant1 Ref



Date: 26.DEC.2023 07:56:50

Band Edge NVNT n40 2452MHz Ant1 Emission



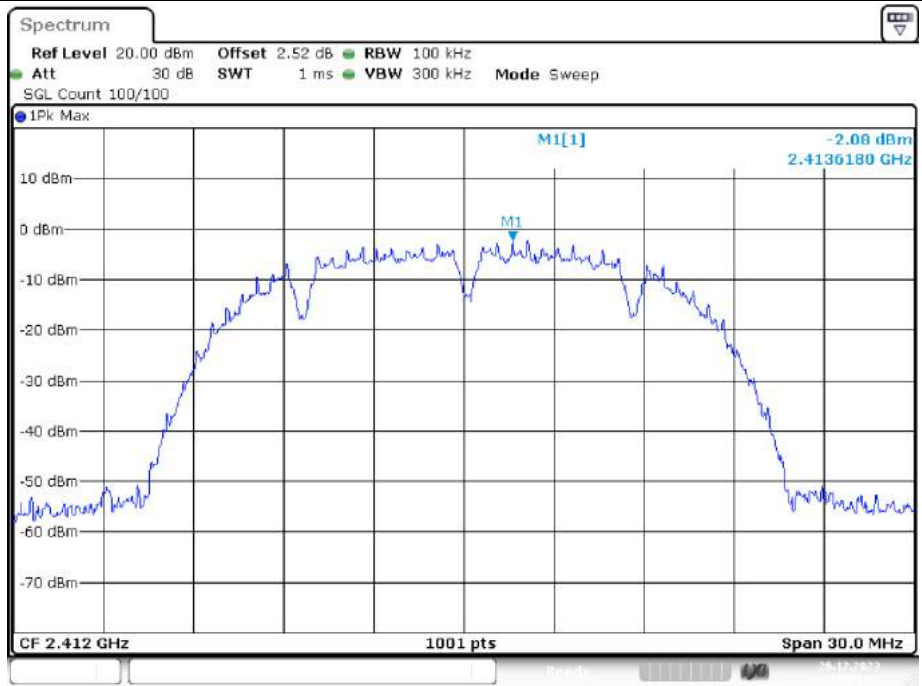
Date: 26.DEC.2023 07:56:53

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-41.87	-20	Pass
NVNT	b	2437	Ant1	-46.13	-20	Pass
NVNT	b	2462	Ant1	-45.18	-20	Pass
NVNT	g	2412	Ant1	-43.16	-20	Pass
NVNT	g	2437	Ant1	-41.3	-20	Pass
NVNT	g	2462	Ant1	-41.54	-20	Pass
NVNT	n20	2412	Ant1	-44.43	-20	Pass
NVNT	n20	2437	Ant1	-44.5	-20	Pass
NVNT	n20	2462	Ant1	-42.7	-20	Pass
NVNT	n40	2422	Ant1	-36.63	-20	Pass
NVNT	n40	2437	Ant1	-37.53	-20	Pass
NVNT	n40	2452	Ant1	-37.43	-20	Pass

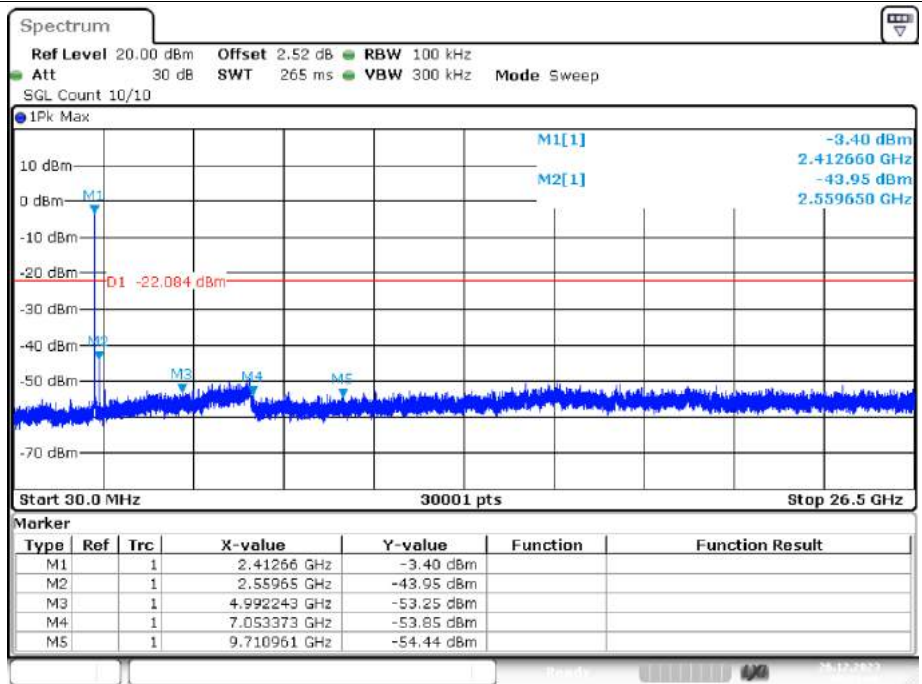
Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



Date: 26.DEC.2023 07:35:24

Tx. Spurious NVNT b 2412MHz Ant1 Emission



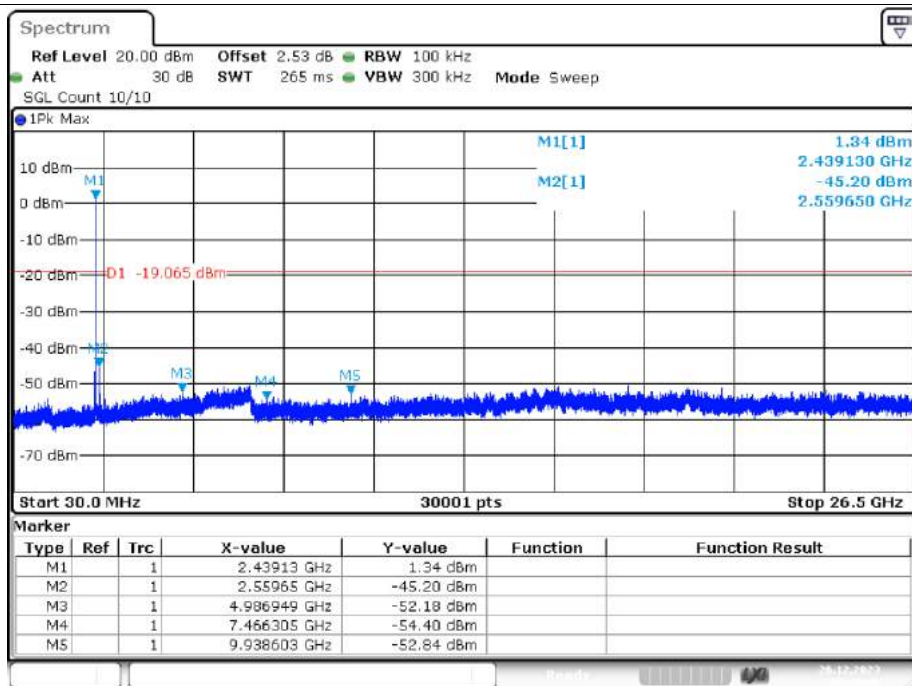
Date: 26.DEC.2023 07:35:40

Tx. Spurious NVNT b 2437MHz Ant1 Ref



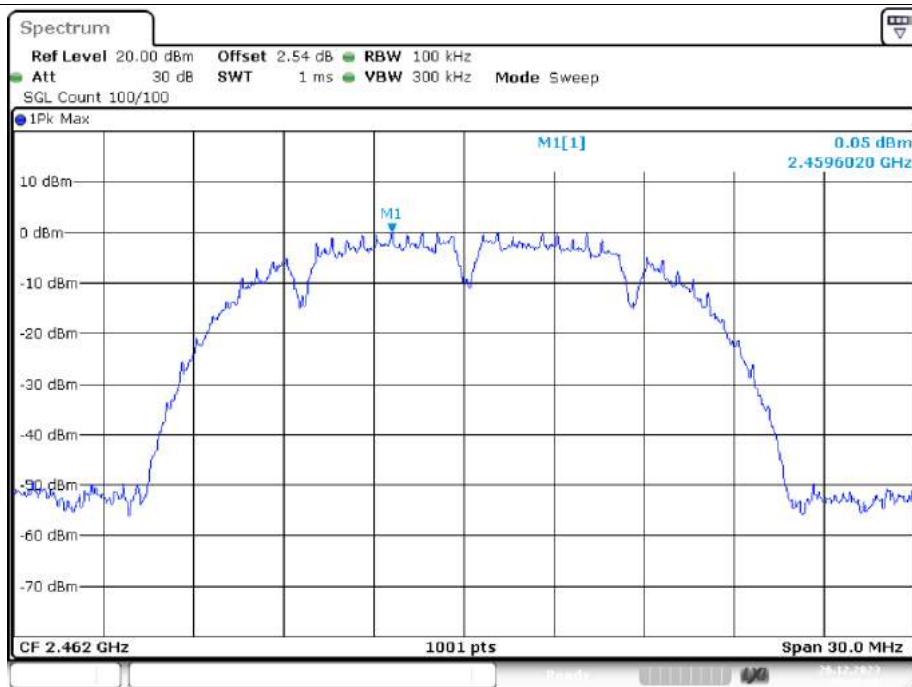
Date: 26.DEC.2023 07:40:31

Tx. Spurious NVNT b 2437MHz Ant1 Emission



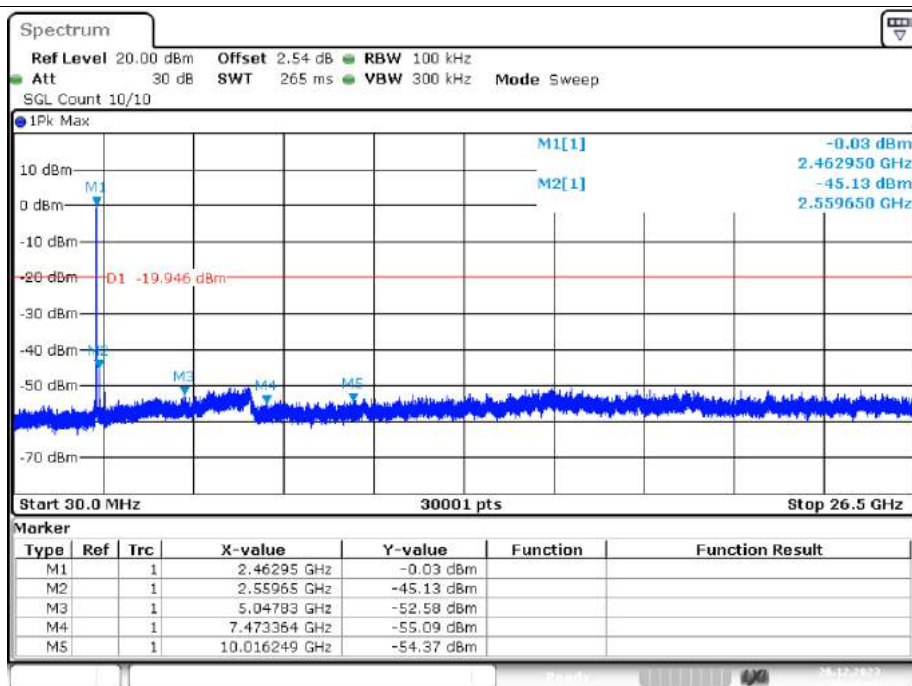
Date: 26.DEC.2023 07:40:46

Tx. Spurious NVNT b 2462MHz Ant1 Ref



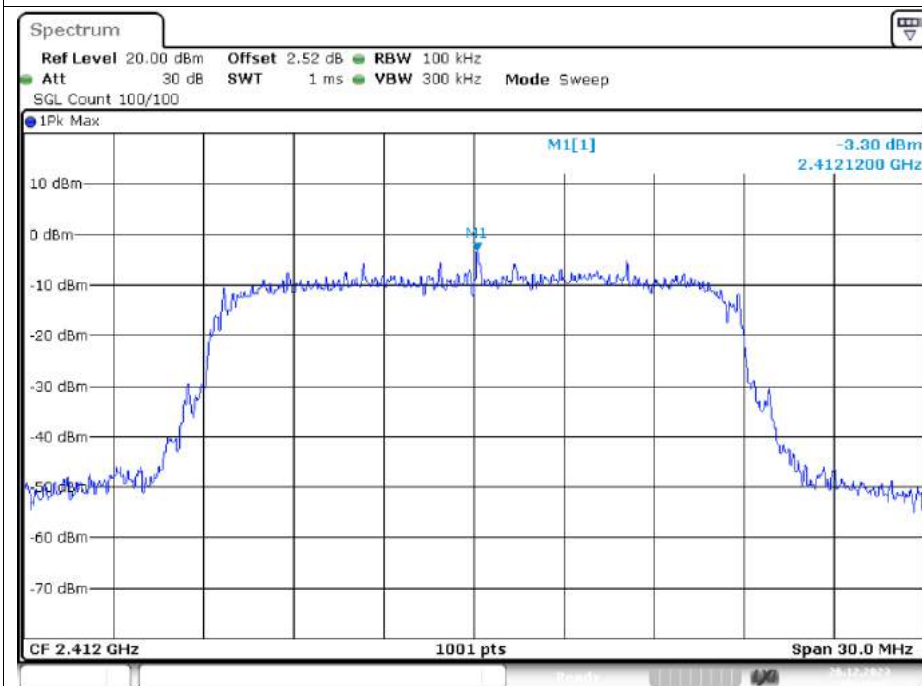
Date: 26.DEC.2023 07:42:28

Tx. Spurious NVNT b 2462MHz Ant1 Emission



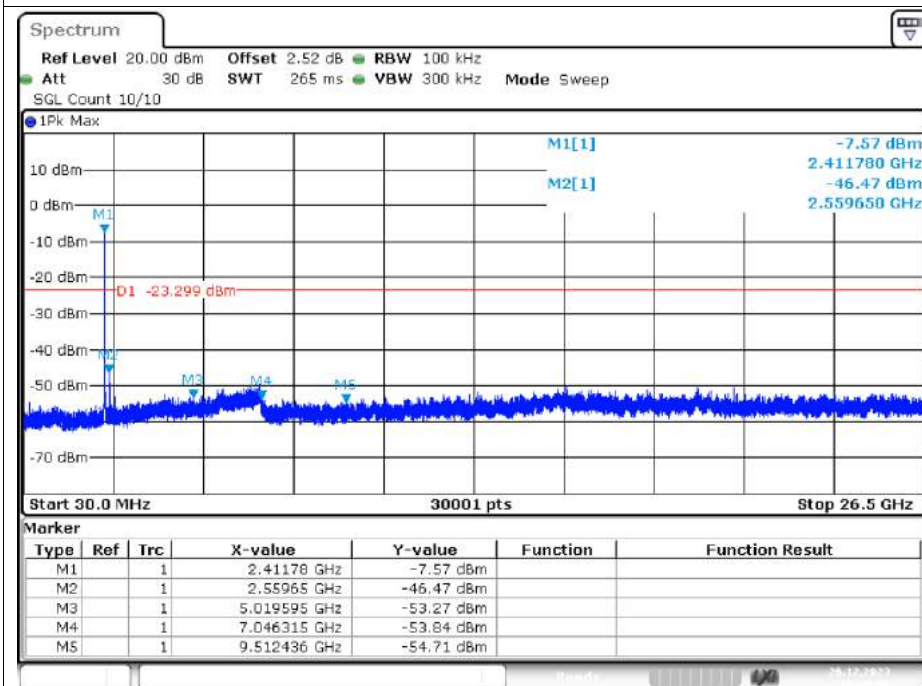
Date: 26.DEC.2023 07:42:43

Tx. Spurious NVNT g 2412MHz Ant1 Ref



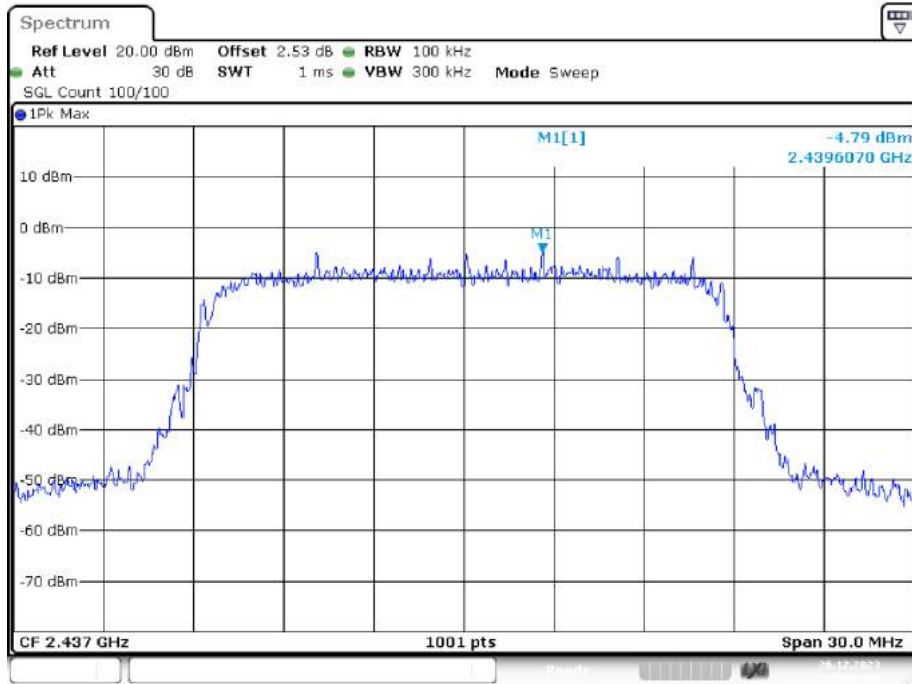
Date: 26.DEC.2023 07:48:47

Tx. Spurious NVNT g 2412MHz Ant1 Emission



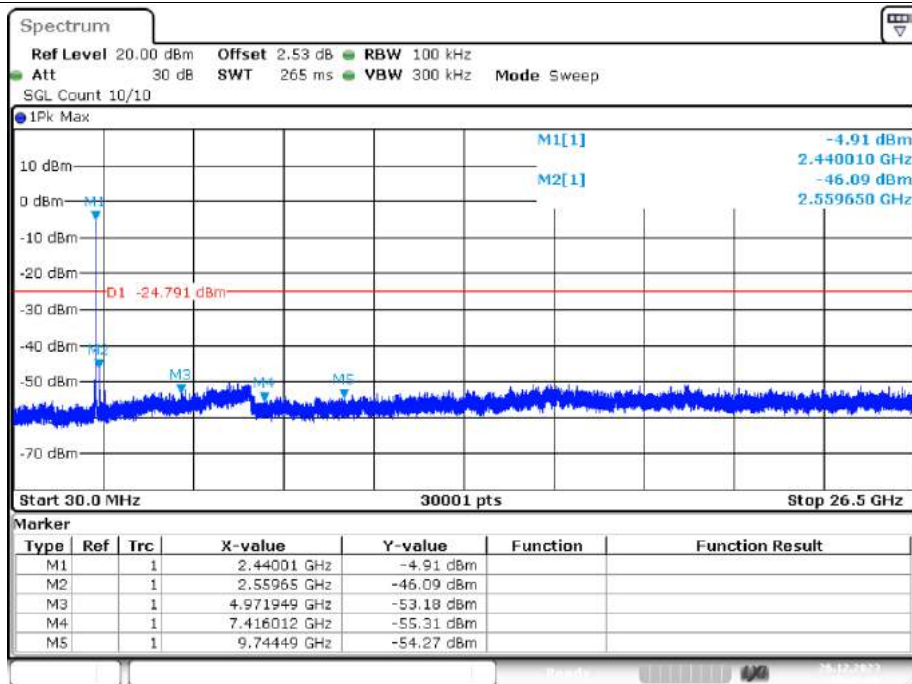
Date: 26.DEC.2023 07:49:02

Tx. Spurious NVNT g 2437MHz Ant1 Ref



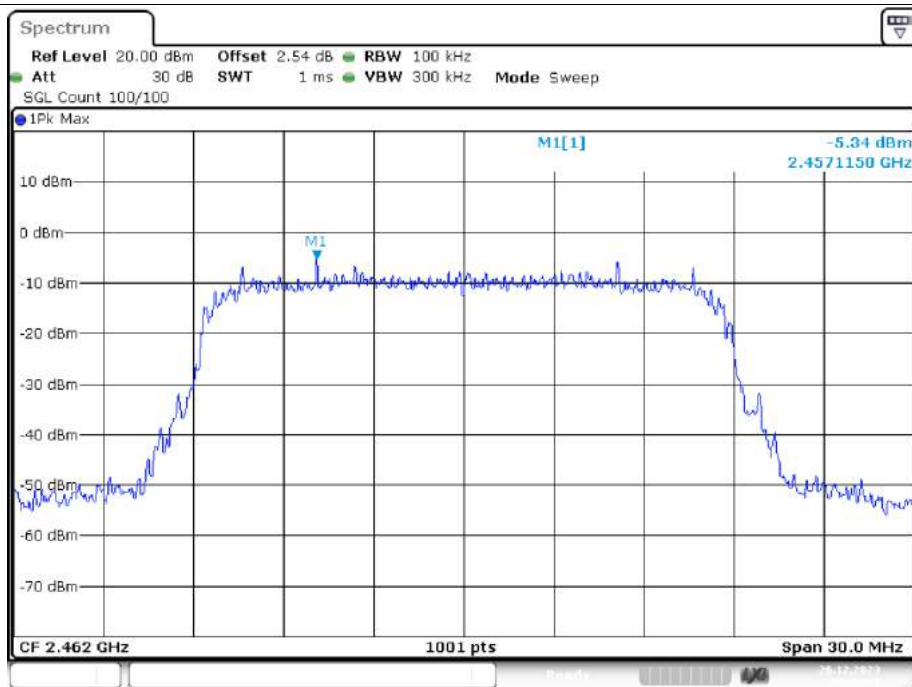
Date: 26.DEC.2023 07:47:10

Tx. Spurious NVNT g 2437MHz Ant1 Emission



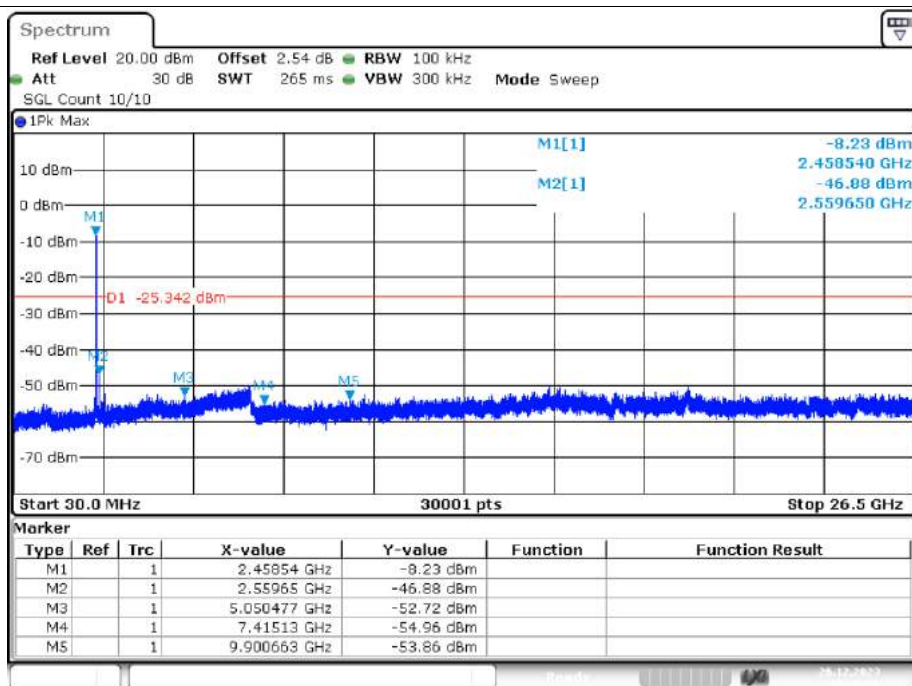
Date: 26.DEC.2023 07:47:26

Tx. Spurious NVNT g 2462MHz Ant1 Ref



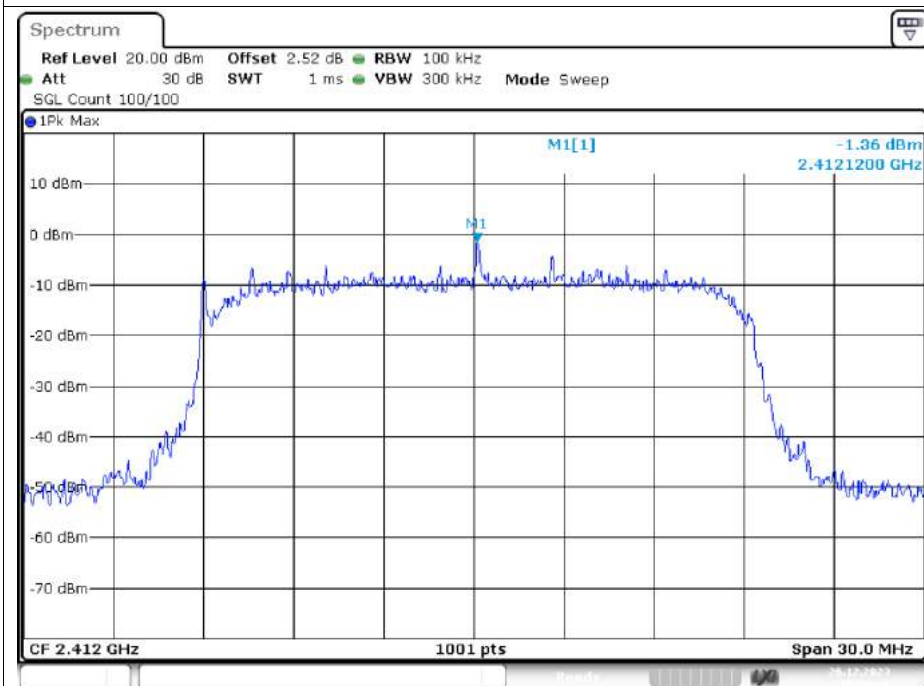
Date: 26.DEC.2023 07:45:41

Tx. Spurious NVNT g 2462MHz Ant1 Emission



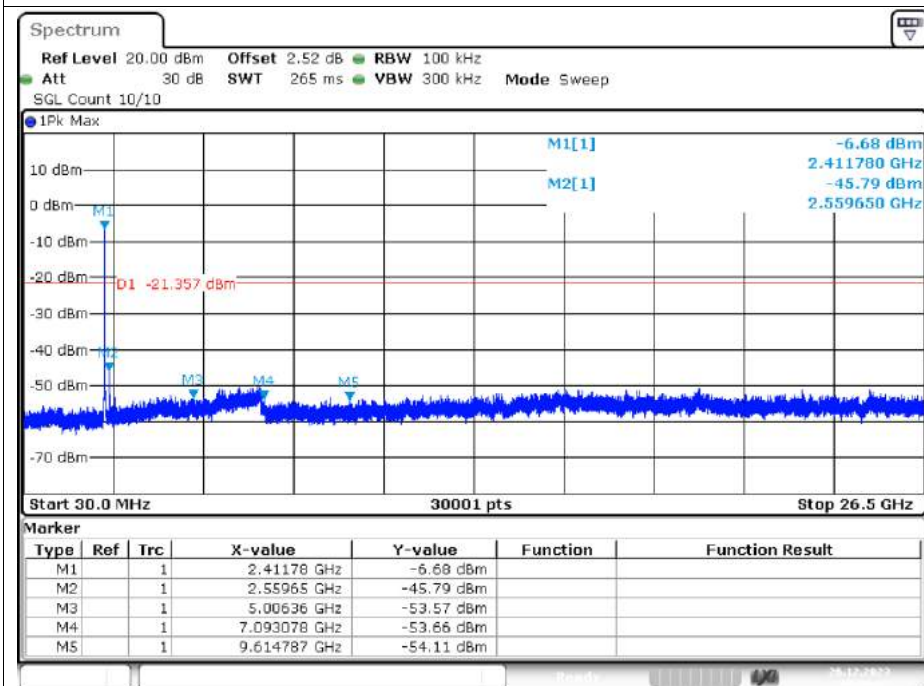
Date: 26.DEC.2023 07:45:57

Tx. Spurious NVNT n20 2412MHz Ant1 Ref



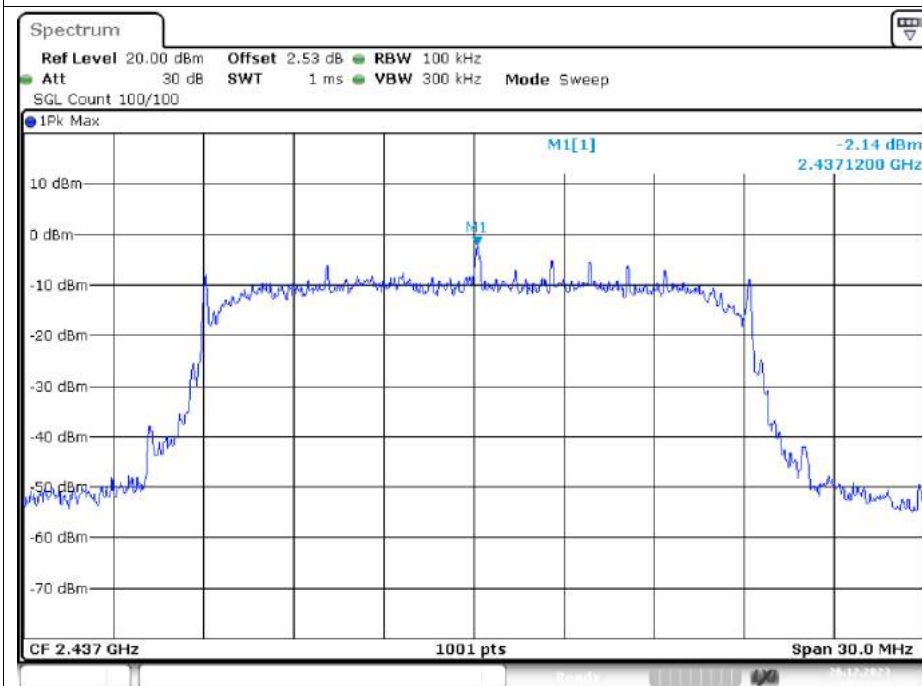
Date: 26.DEC.2023 07:50:19

Tx. Spurious NVNT n20 2412MHz Ant1 Emission



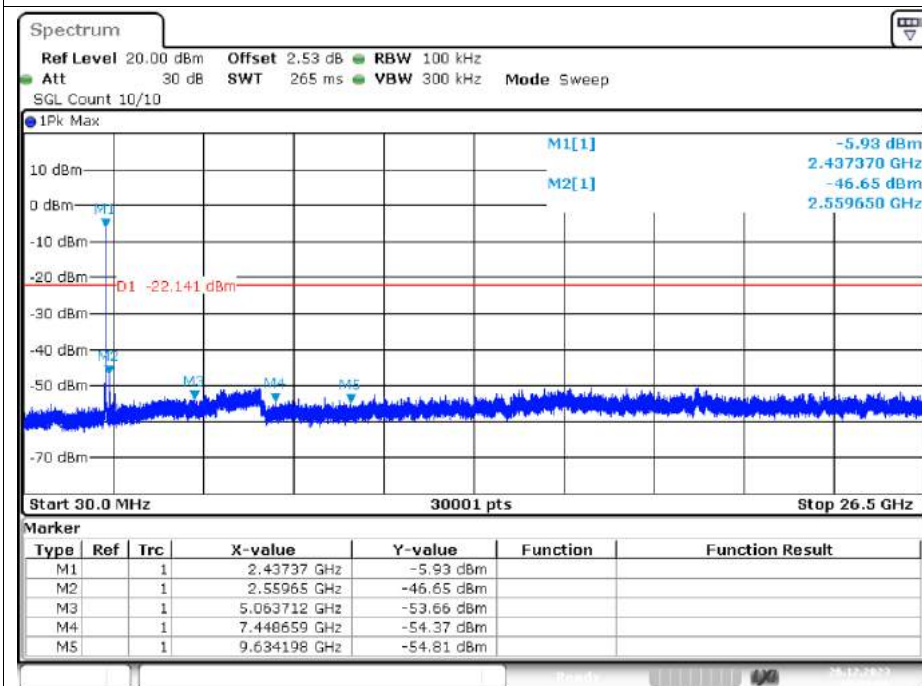
Date: 26.DEC.2023 07:50:35

Tx. Spurious NVNT n20 2437MHz Ant1 Ref



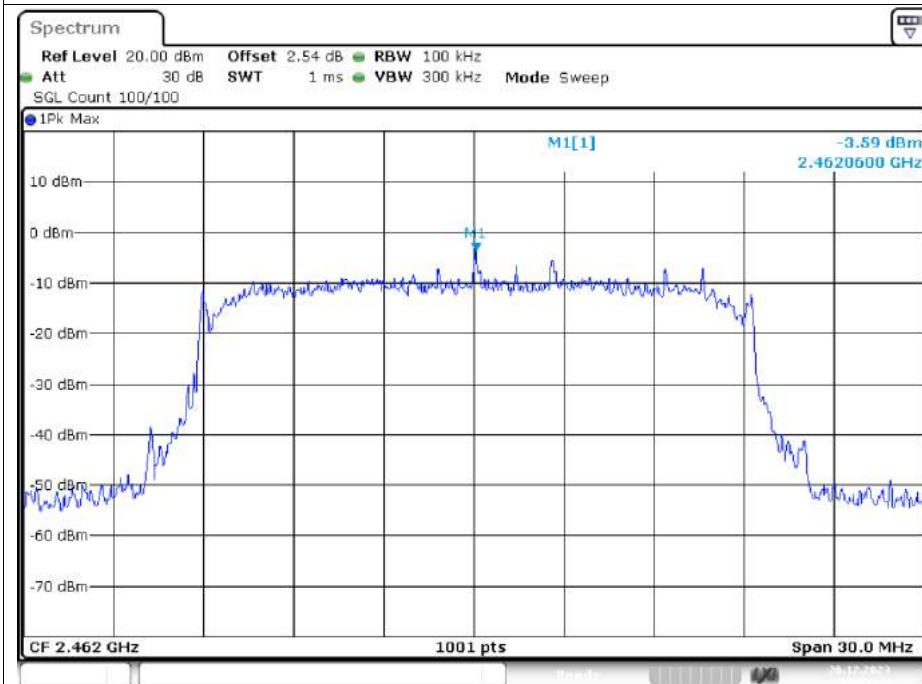
Date: 26.DEC.2023 07:53:44

Tx. Spurious NVNT n20 2437MHz Ant1 Emission



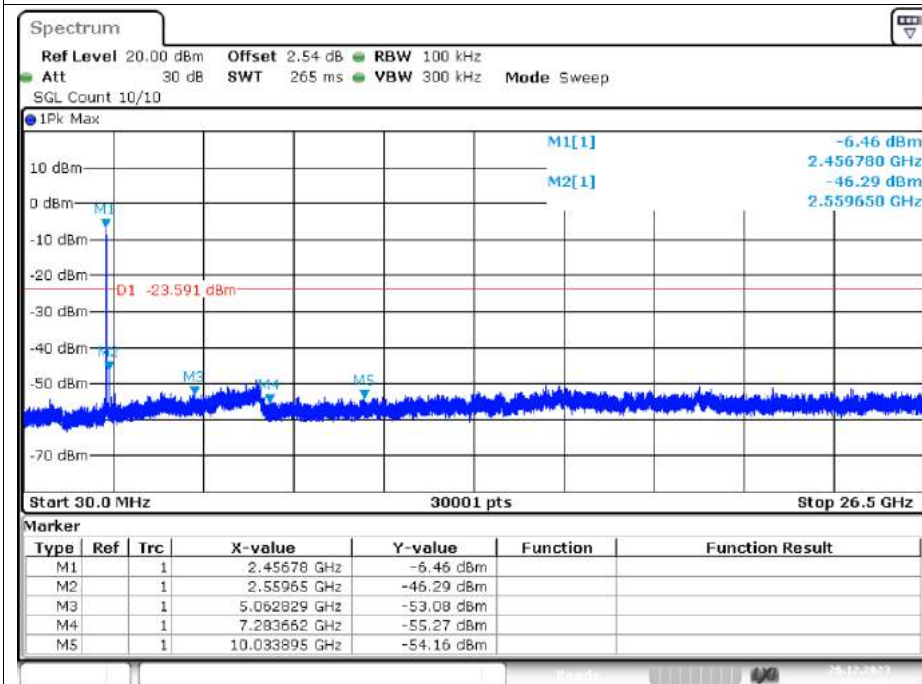
Date: 26.DEC.2023 07:54:00

Tx. Spurious NVNT n20 2462MHz Ant1 Ref



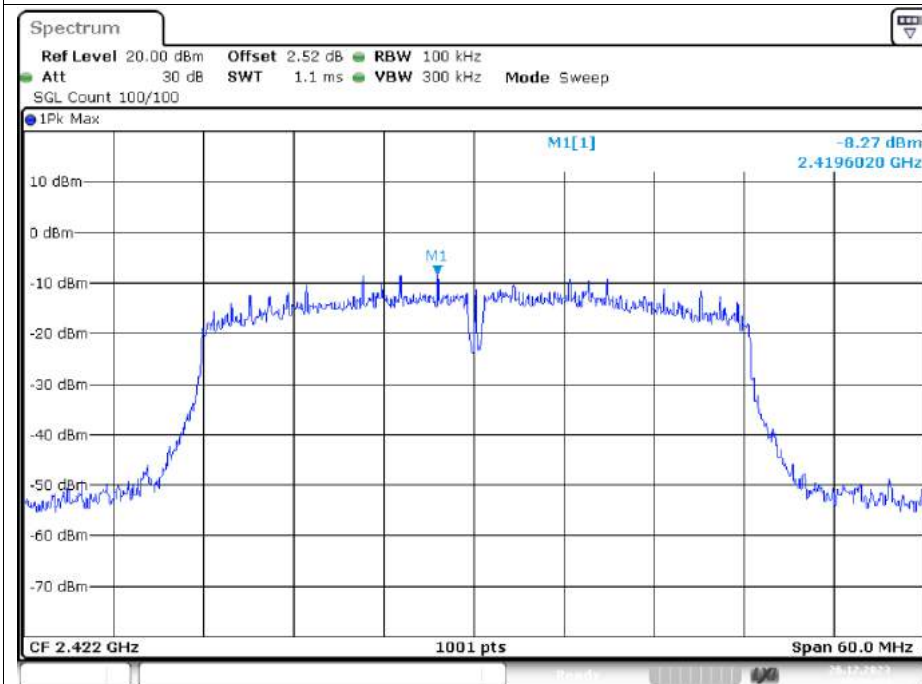
Date: 26.DEC.2023 07:55:14

Tx. Spurious NVNT n20 2462MHz Ant1 Emission



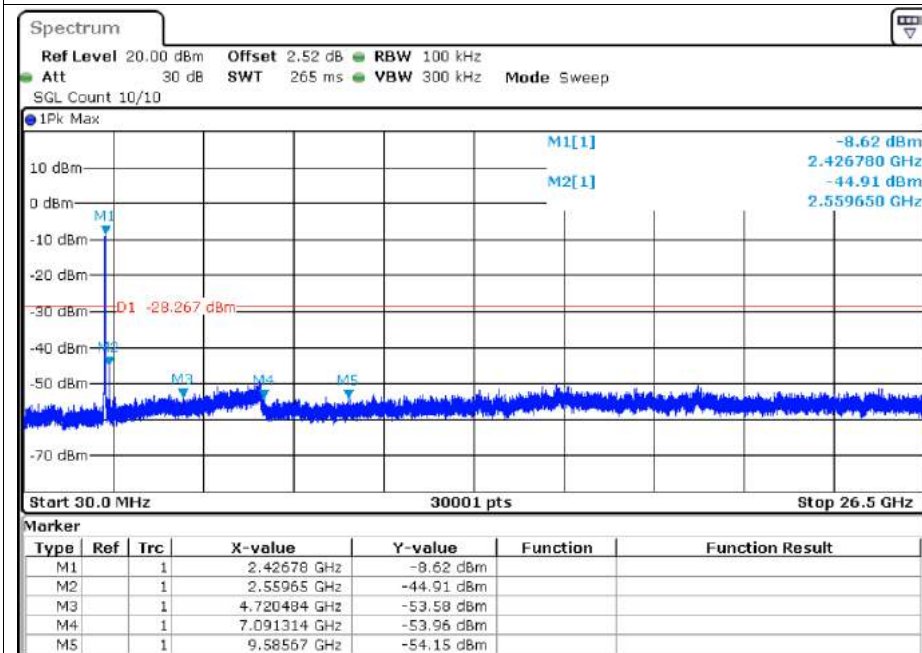
Date: 26.DEC.2023 07:55:30

Tx. Spurious NVNT n40 2422MHz Ant1 Ref



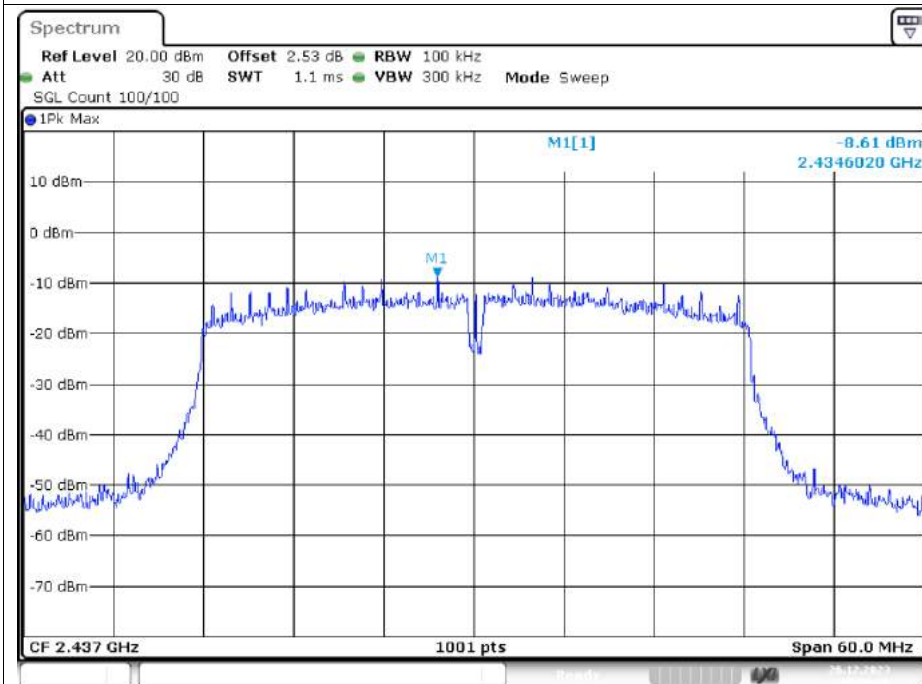
Date: 26.DEC.2023 07:59:54

Tx. Spurious NVNT n40 2422MHz Ant1 Emission



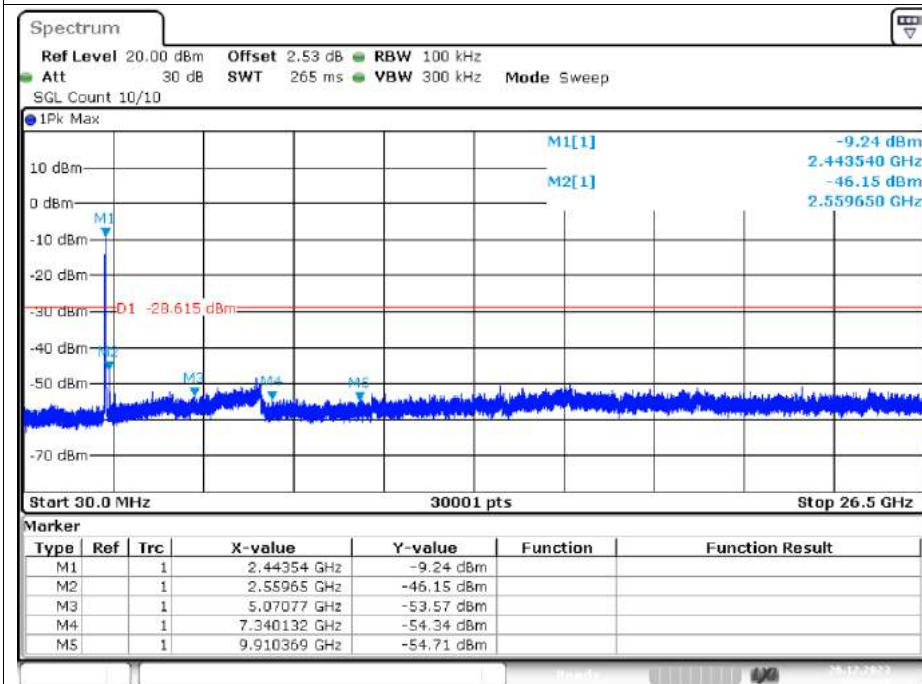
Date: 26.DEC.2023 08:00:10

Tx. Spurious NVNT n40 2437MHz Ant1 Ref



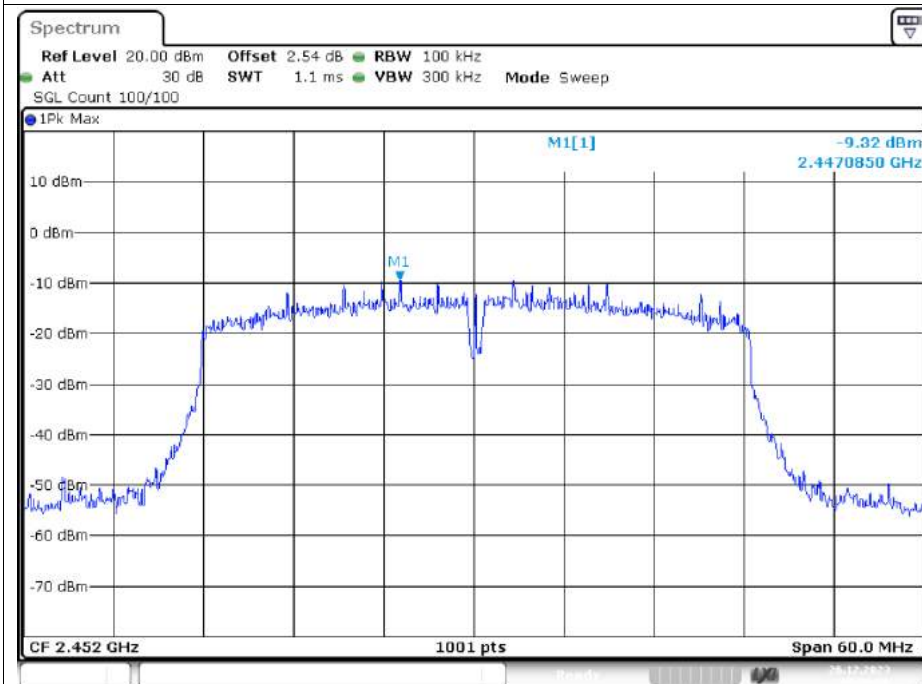
Date: 26.DEC.2023 07:58:25

Tx. Spurious NVNT n40 2437MHz Ant1 Emission



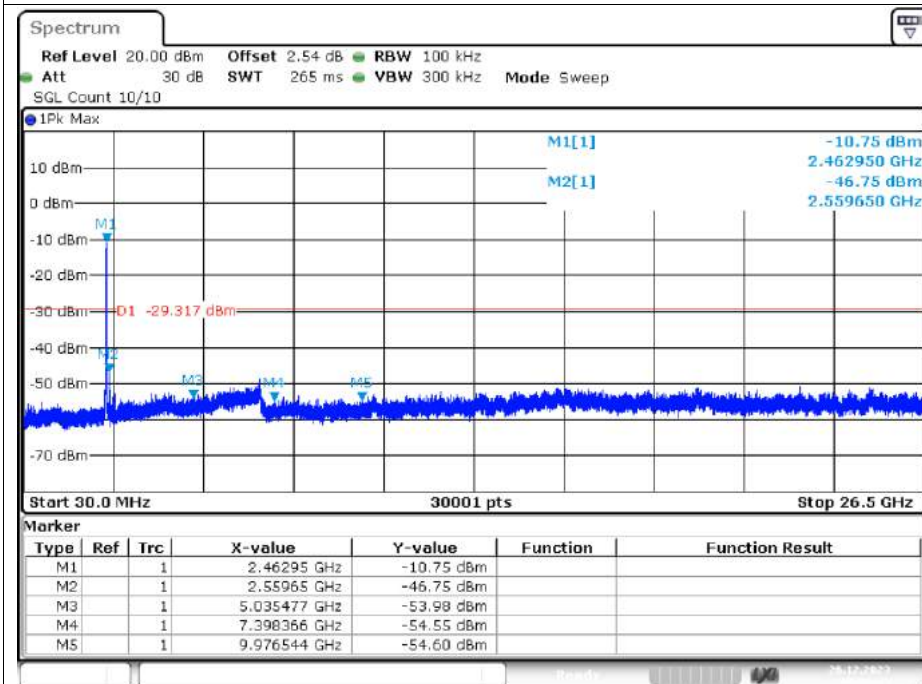
Date: 26.DEC.2023 07:58:41

Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Date: 26.DEC.2023 07:56:58

Tx. Spurious NVNT n40 2452MHz Ant1 Emission



Date: 26.DEC.2023 07:57:13