Appendix: 2.4G Wi-Fi

Contents

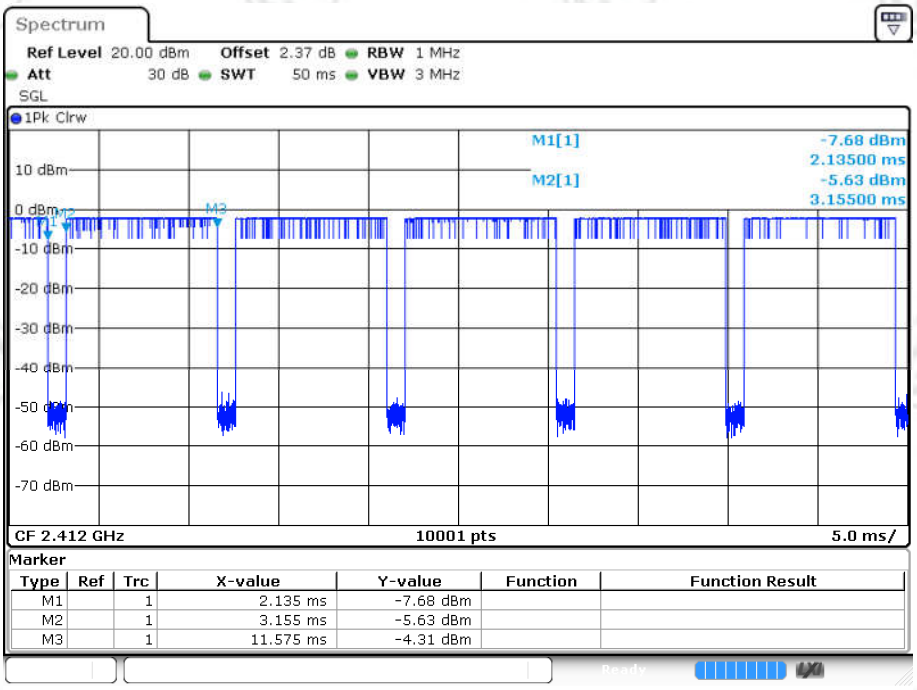
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	89.19	0.5	0.12
NVNT	b	2437	Ant1	89.19	0.5	0.12
NVNT	b	2462	Ant1	89.19	0.5	0.12
NVNT	g	2412	Ant1	57.57	2.4	0.72
NVNT	g	2442	Ant1	57.53	2.4	0.72
NVNT	g	2462	Ant1	57.69	2.39	0.72
NVNT	n20	2412	Ant1	83.17	0.8	0.2
NVNT	n20	2437	Ant1	83.16	0.8	0.2
NVNT	n20	2462	Ant1	83.2	0.8	0.2
NVNT	n40	2422	Ant1	70.71	1.51	0.4
NVNT	n40	2437	Ant1	70.63	1.51	0.4
NVNT	n40	2452	Ant1	70.71	1.51	0.4
NVNT	ax20	2412	Ant1	78.99	1.02	0.26
NVNT	ax20	2437	Ant1	79.08	1.02	0.26
NVNT	ax20	2462	Ant1	79.12	1.02	0.26
NVNT	ax40	2422	Ant1	65.78	1.82	0.51
NVNT	ax40	2437	Ant1	65.78	1.82	0.51
NVNT	ax40	2452	Ant1	65.78	1.82	0.51

Note:Duty Cycle Correction Factor (dB)=-10*lg(Duty Cycle);

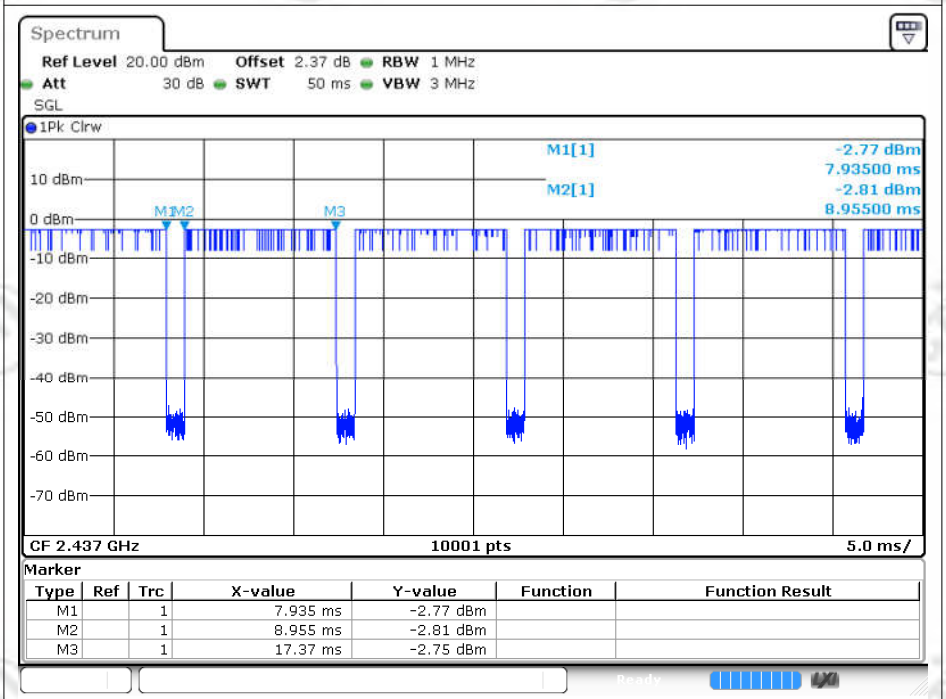
Test Graphs

Duty Cycle NVNT b 2412MHz Ant1



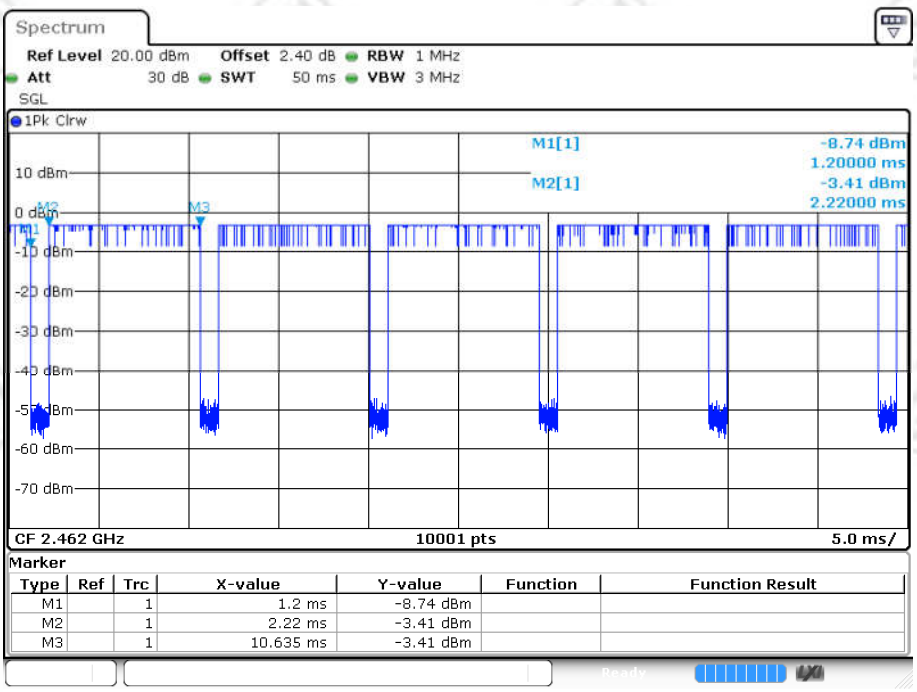
Date: 8.DEC.2024 10:58:04

Duty Cycle NVNT b 2437MHz Ant1



Date: 8.DEC.2024 10:59:37

Duty Cycle NVNT b 2462MHz Ant1



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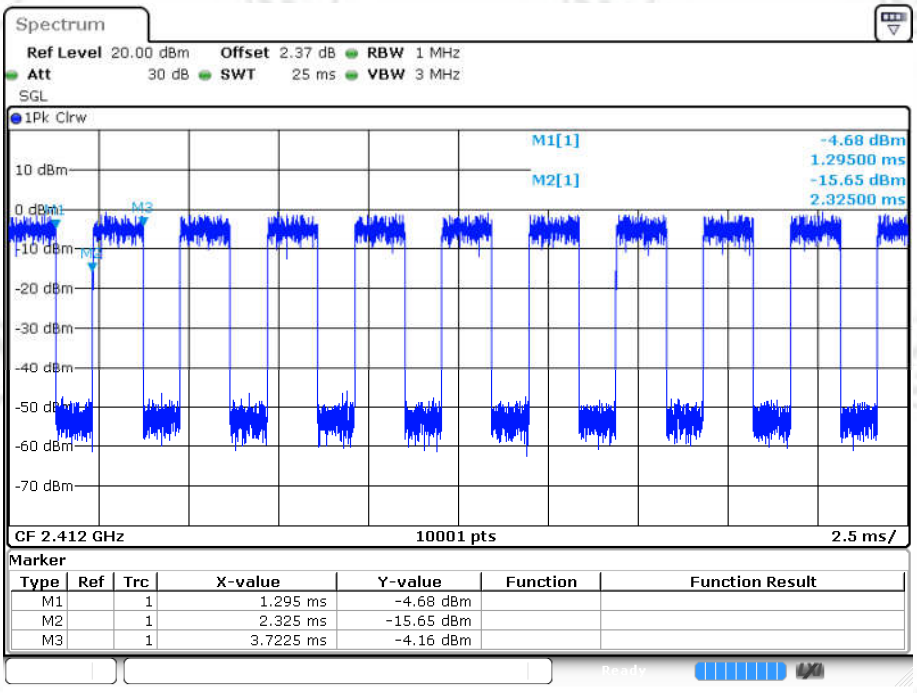
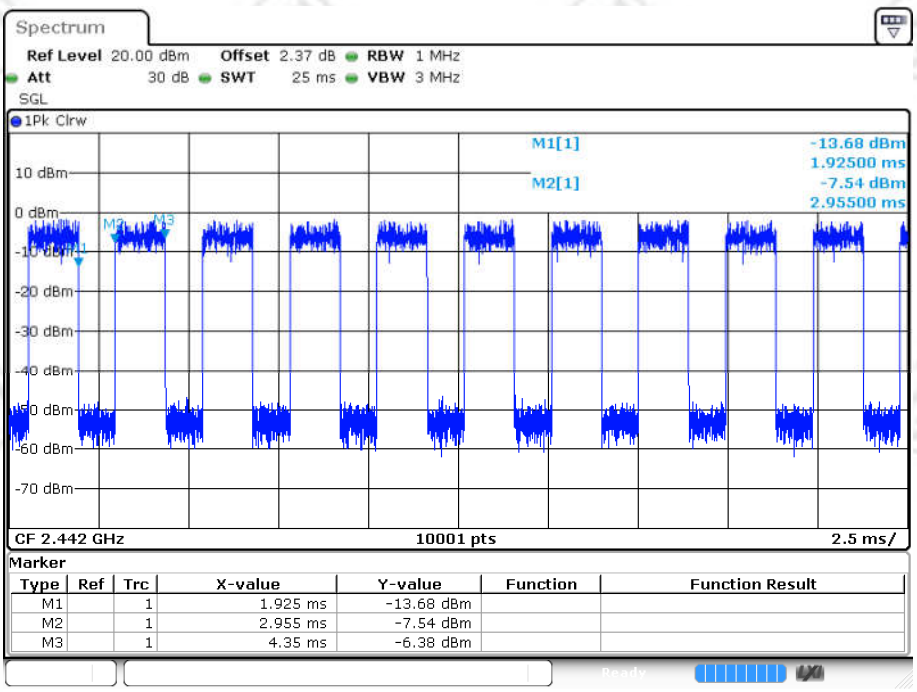
Duty Cycle NVNT g 2412MHz Ant1



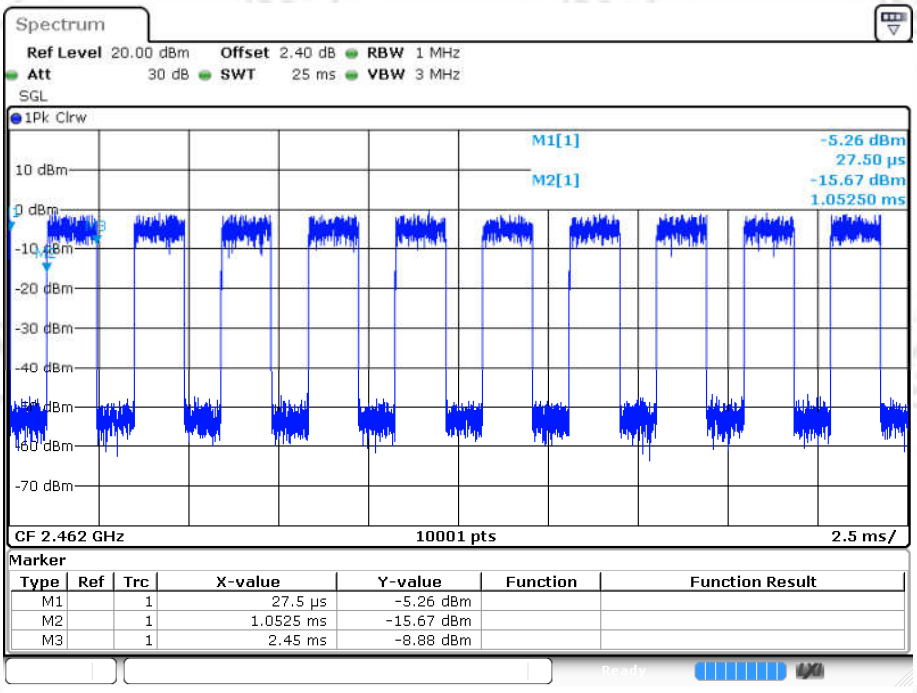
Date: 8.DEC.2024 11:03:27

Duty Cycle NVNT g 2442MHz Ant1



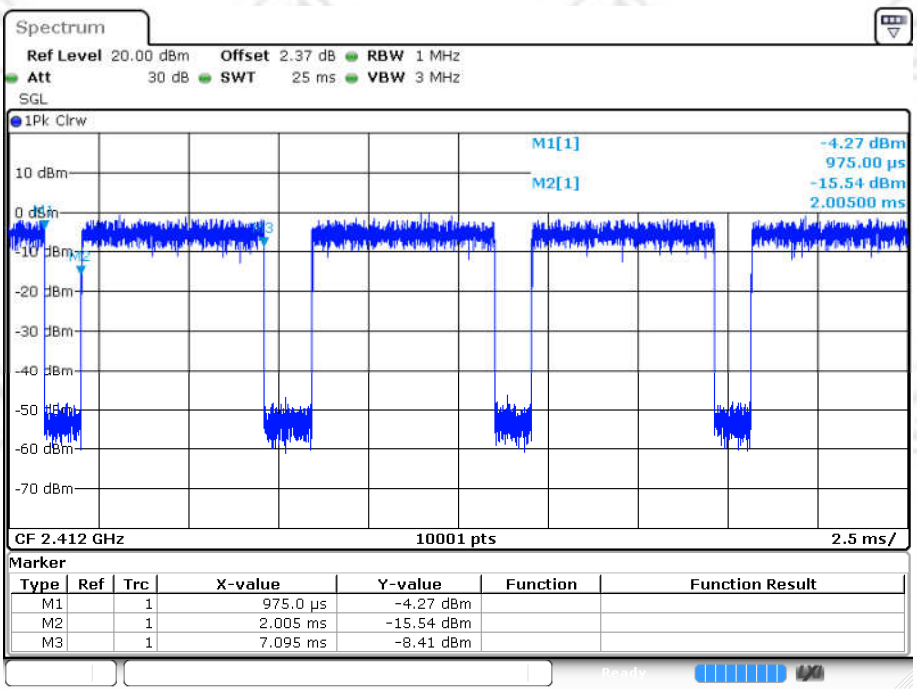
Date: 8.DEC.2024 11:05:08

Duty Cycle NVNT g 2462MHz Ant1



Date: 8.DEC.2024 11:07:00

Duty Cycle NVNT n20 2412MHz Ant1



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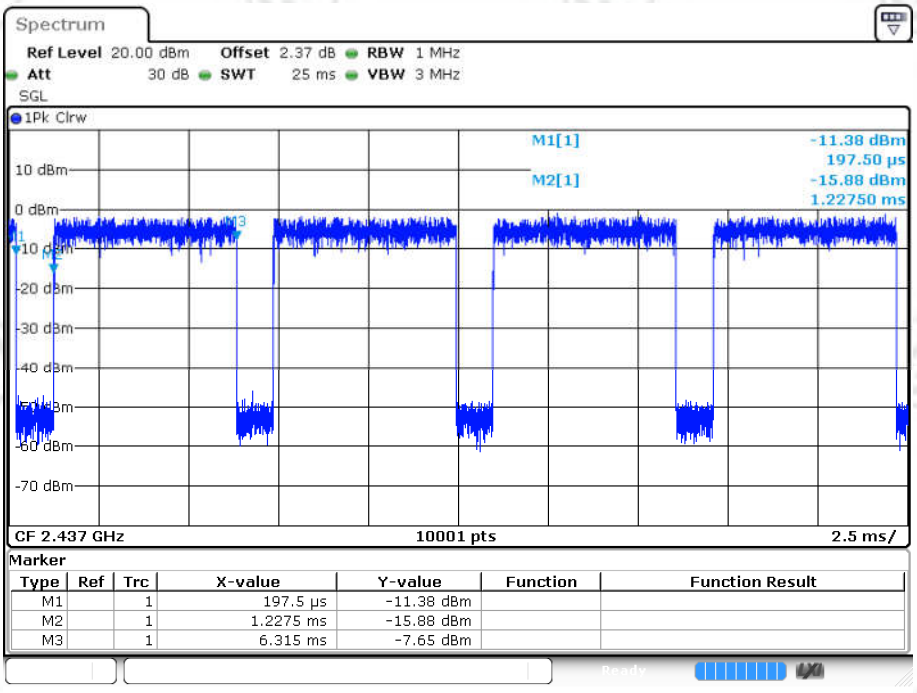
Duty Cycle NVNT n20 2437MHz Ant1



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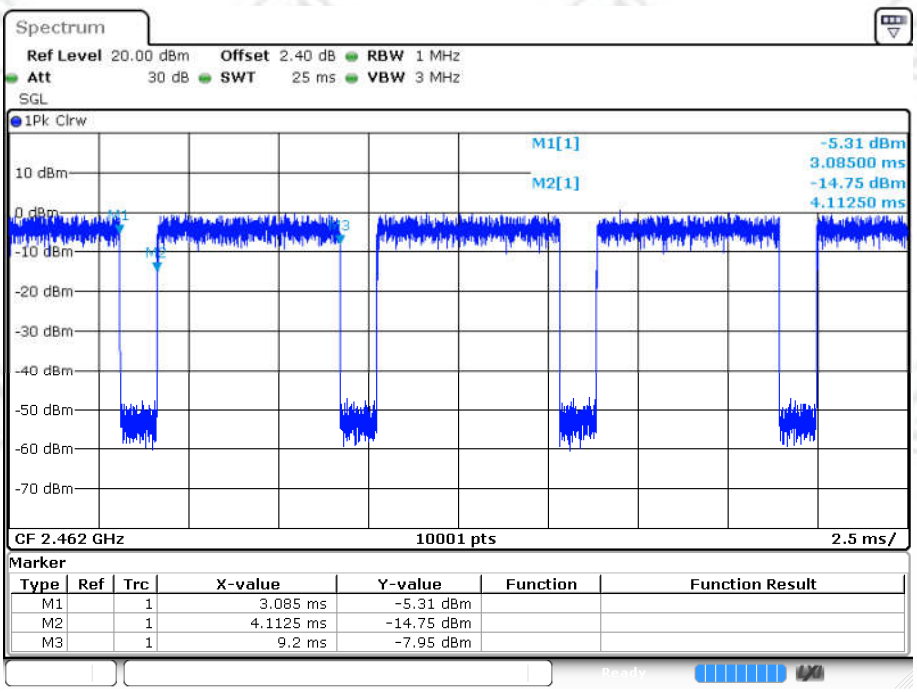
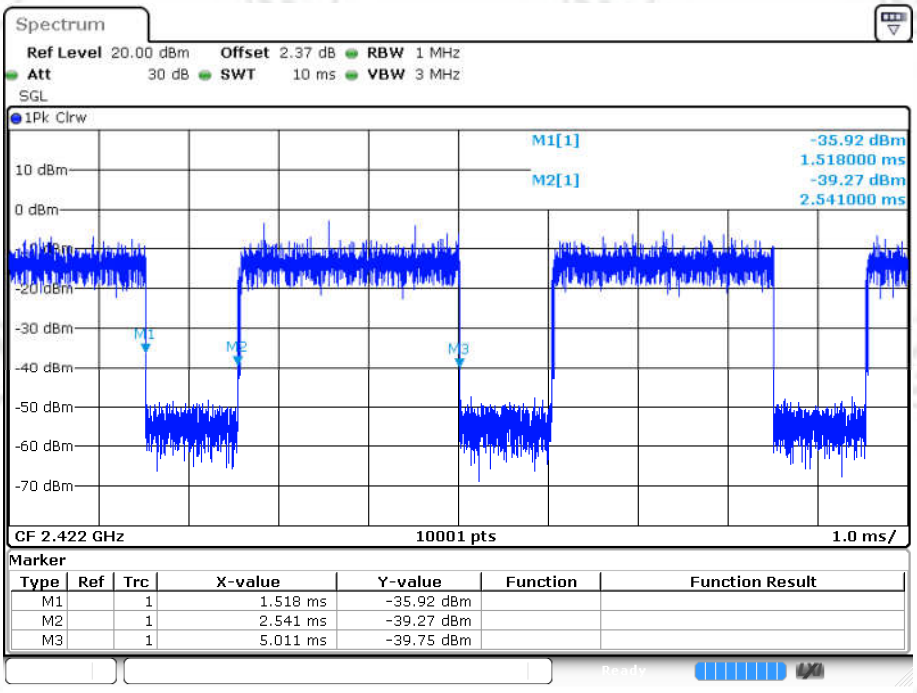
Duty Cycle NVNT n20 2462MHz Ant1



Date: 8.DEC.2024 12:26:33

Duty Cycle NVNT n40 2422MHz Ant1



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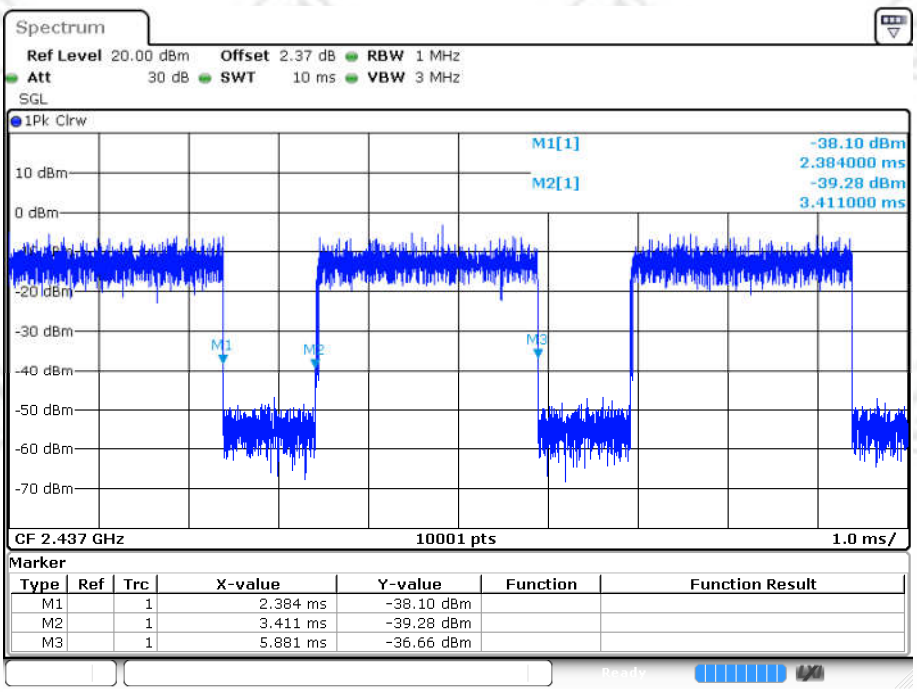
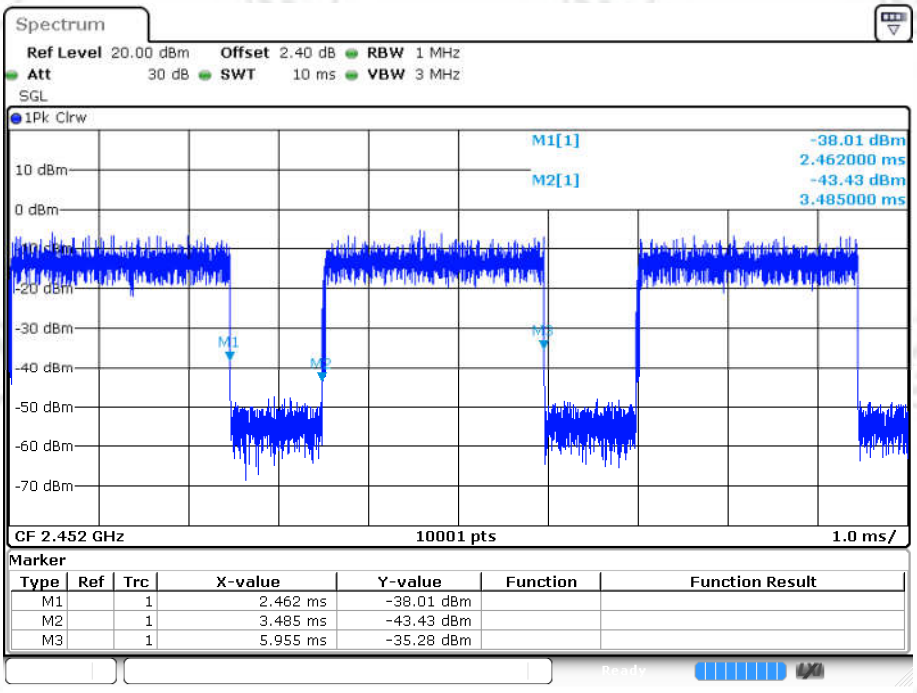
Duty Cycle NVNT n40 2437MHz Ant1



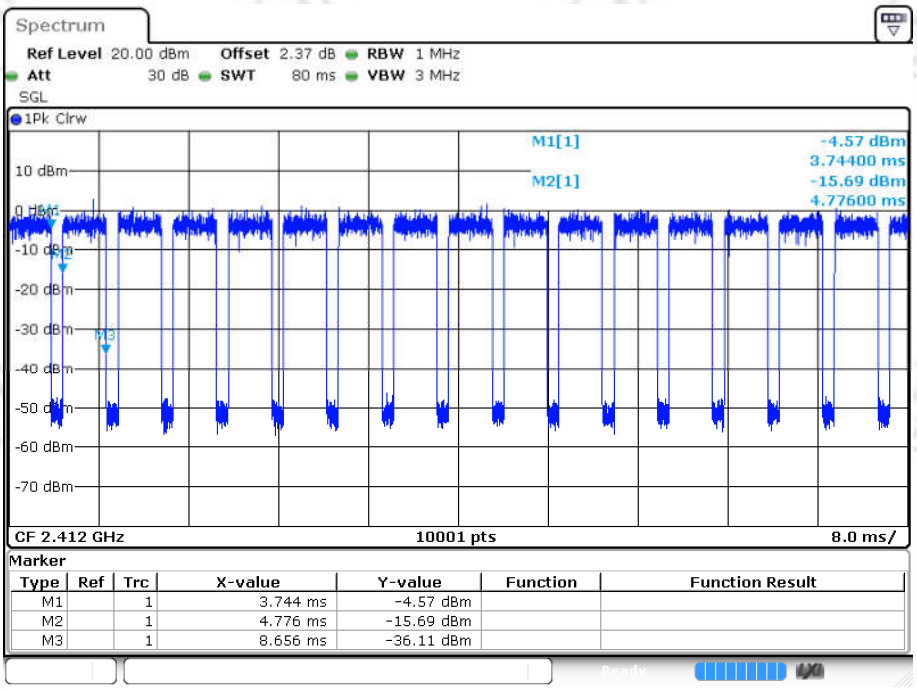
Date: 8.DEC.2024 12:33:05

Duty Cycle NVNT n40 2452MHz Ant1



Date: 8.DEC.2024 12:37:40

Duty Cycle NVNT ax20 2412MHz Ant1



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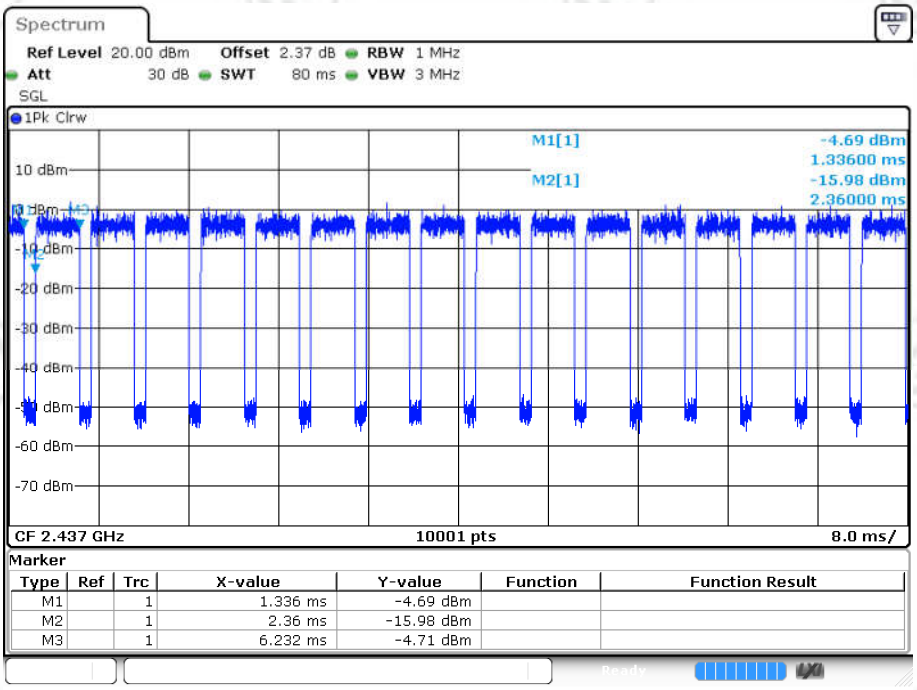
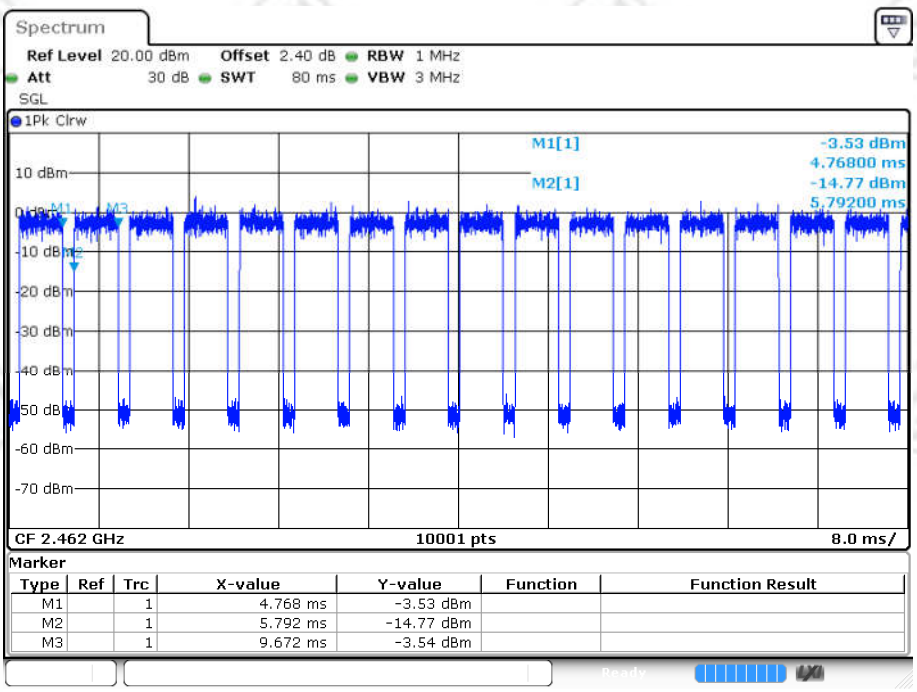
Duty Cycle NVNT ax20 2437MHz Ant1



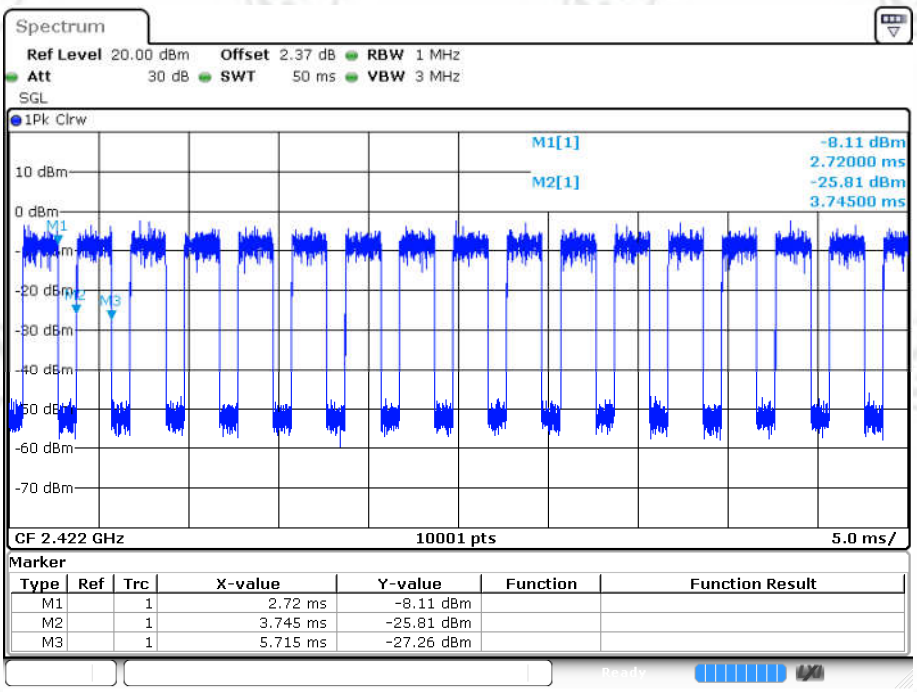
Date: 8.DEC.2024 12:42:30

Duty Cycle NVNT ax20 2462MHz Ant1



Date: 8.DEC.2024 12:49:37

Duty Cycle NVNT ax40 2422MHz Ant1



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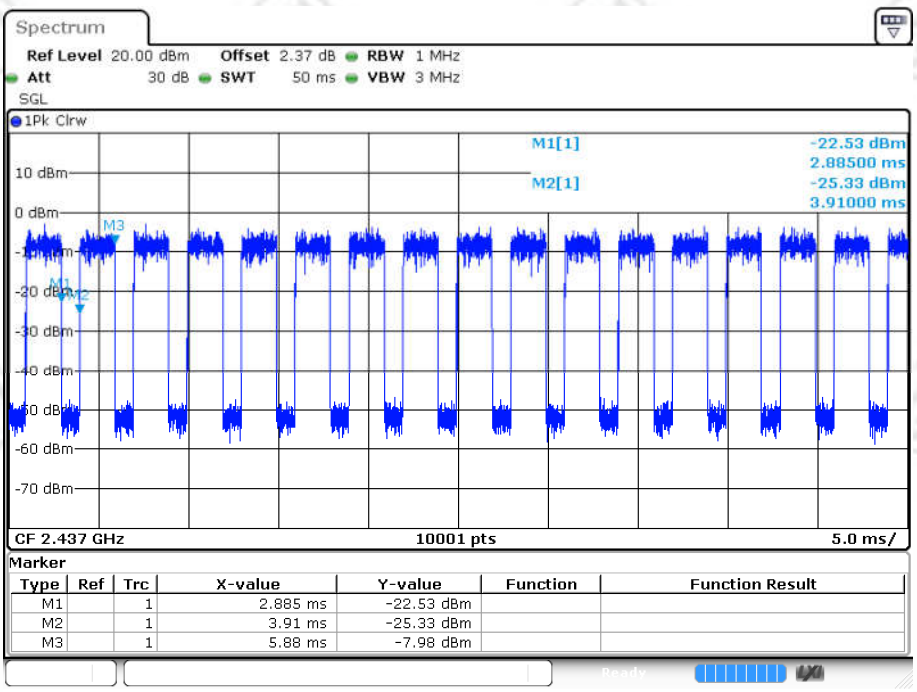
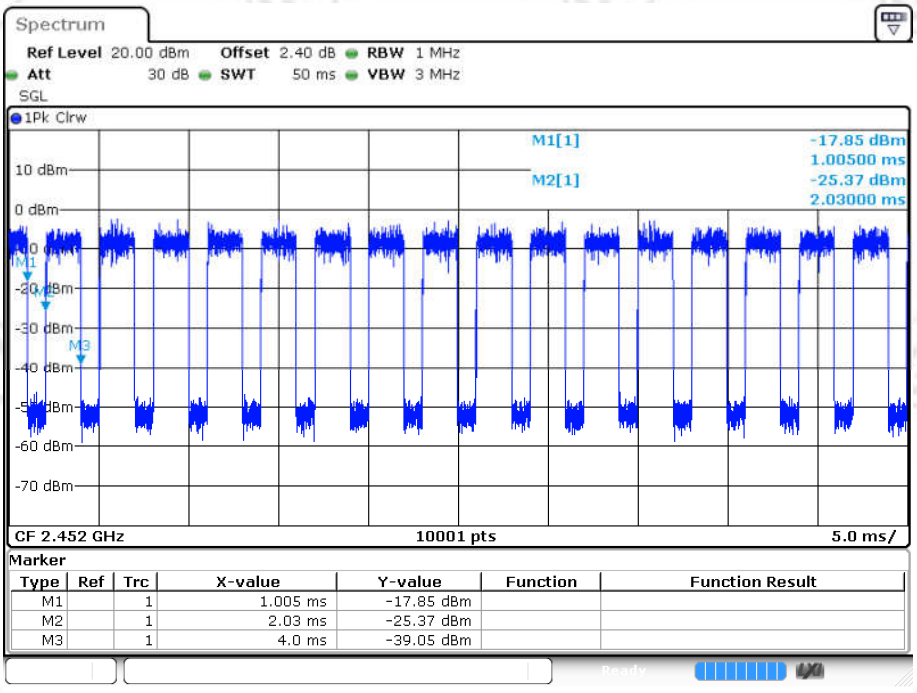
Duty Cycle NVNT ax40 2437MHz Ant1



Date: 8.DEC.2024 12:54:16

Duty Cycle NVNT ax40 2452MHz Ant1



Date: 8.DEC.2024 12:57:15

Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	3.36	30	Pass
NVNT	b	2442	Ant1	3.58	30	Pass
NVNT	b	2462	Ant1	3.87	30	Pass
NVNT	g	2412	Ant1	3.07	30	Pass
NVNT	g	2442	Ant1	2.94	30	Pass
NVNT	g	2462	Ant1	3.42	30	Pass
NVNT	n20	2412	Ant1	2.90	30	Pass
NVNT	n20	2437	Ant1	3.47	30	Pass
NVNT	n20	2462	Ant1	3.40	30	Pass
NVNT	n40	2422	Ant1	3.06	30	Pass
NVNT	n40	2437	Ant1	3.37	30	Pass
NVNT	n40	2452	Ant1	3.15	30	Pass
NVNT	ax20	2412	Ant1	2.98	30	Pass
NVNT	ax20	2437	Ant1	3.34	30	Pass
NVNT	ax20	2462	Ant1	**3.98**	30	Pass
NVNT	ax40	2422	Ant1	2.99	30	Pass
NVNT	ax40	2437	Ant1	3.31	30	Pass
NVNT	ax40	2452	Ant1	3.09	30	Pass

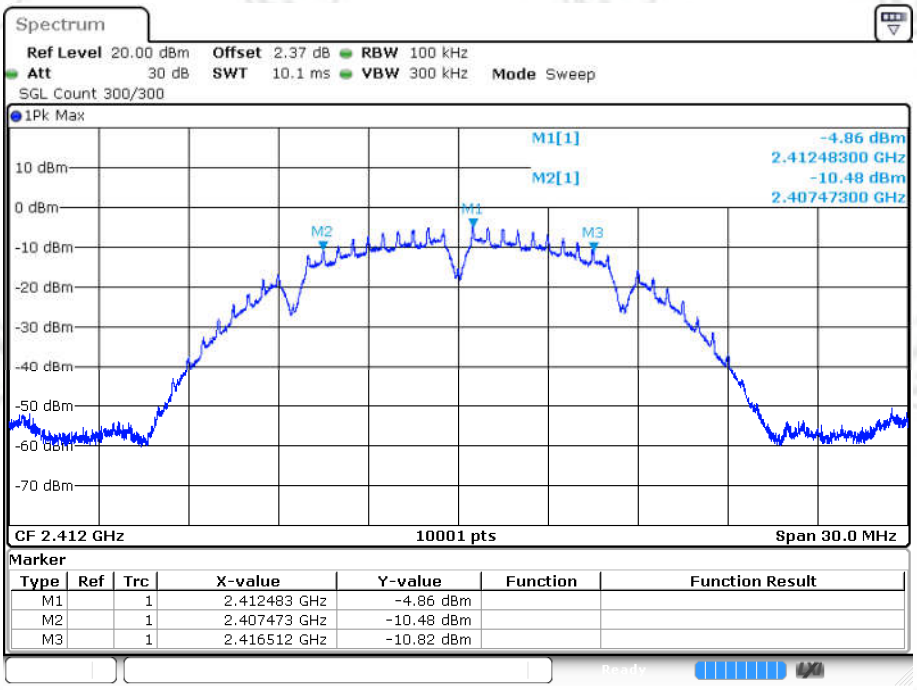
Note:The Conducted Power (dBm) has been added Duty Cycle Correction Factor (dB);

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.039	0.5	Pass
NVNT	b	2437	Ant1	9.048	0.5	Pass
NVNT	b	2462	Ant1	9.054	0.5	Pass
NVNT	g	2412	Ant1	16.284	0.5	Pass
NVNT	g	2437	Ant1	16.278	0.5	Pass
NVNT	g	2462	Ant1	16.284	0.5	Pass
NVNT	n20	2412	Ant1	17.139	0.5	Pass
NVNT	n20	2437	Ant1	17.262	0.5	Pass
NVNT	n20	2462	Ant1	17.013	0.5	Pass
NVNT	n40	2422	Ant1	35.076	0.5	Pass
NVNT	n40	2437	Ant1	35.01	0.5	Pass
NVNT	n40	2452	Ant1	35.85	0.5	Pass
NVNT	ax20	2412	Ant1	17.631	0.5	Pass
NVNT	ax20	2437	Ant1	18.687	0.5	Pass
NVNT	ax20	2462	Ant1	17.973	0.5	Pass
NVNT	ax40	2422	Ant1	36.3	0.5	Pass
NVNT	ax40	2437	Ant1	37.884	0.5	Pass
NVNT	ax40	2452	Ant1	36.75	0.5	Pass

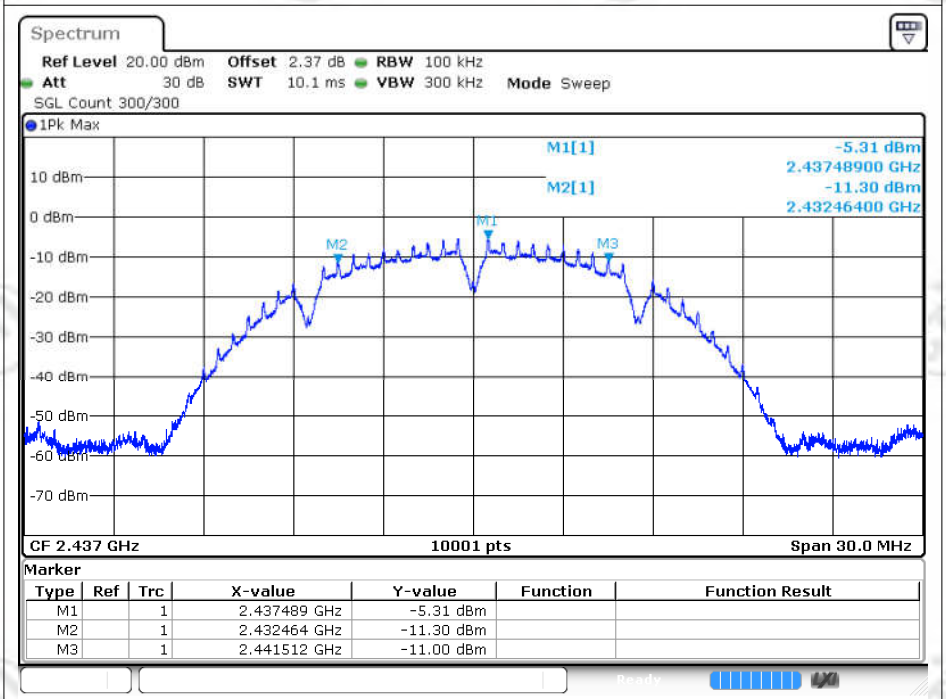
Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



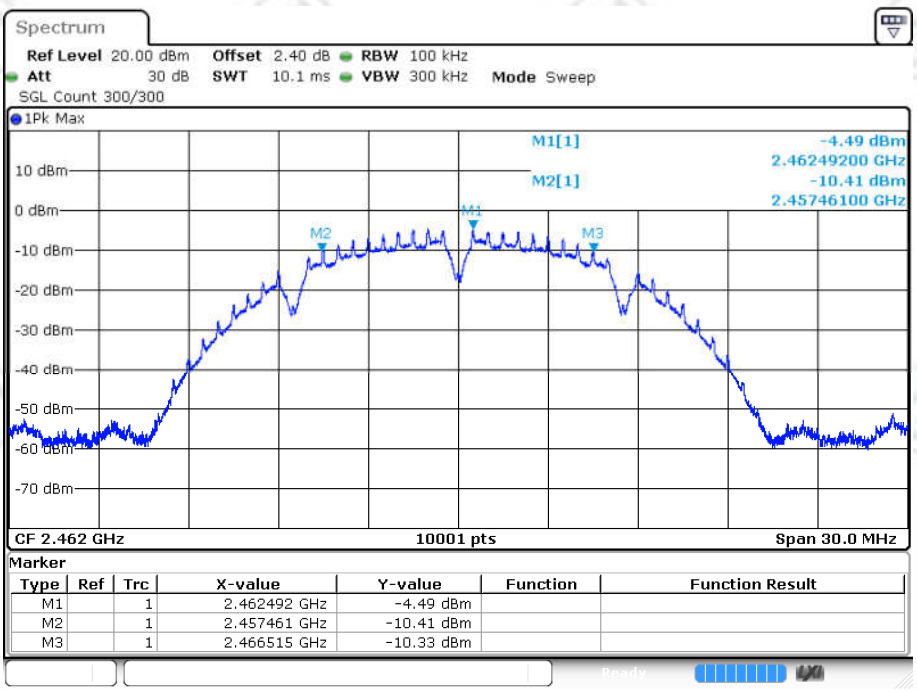
Date: 8.DEC.2024 10:58:28

-6dB Bandwidth NVNT b 2437MHz Ant1



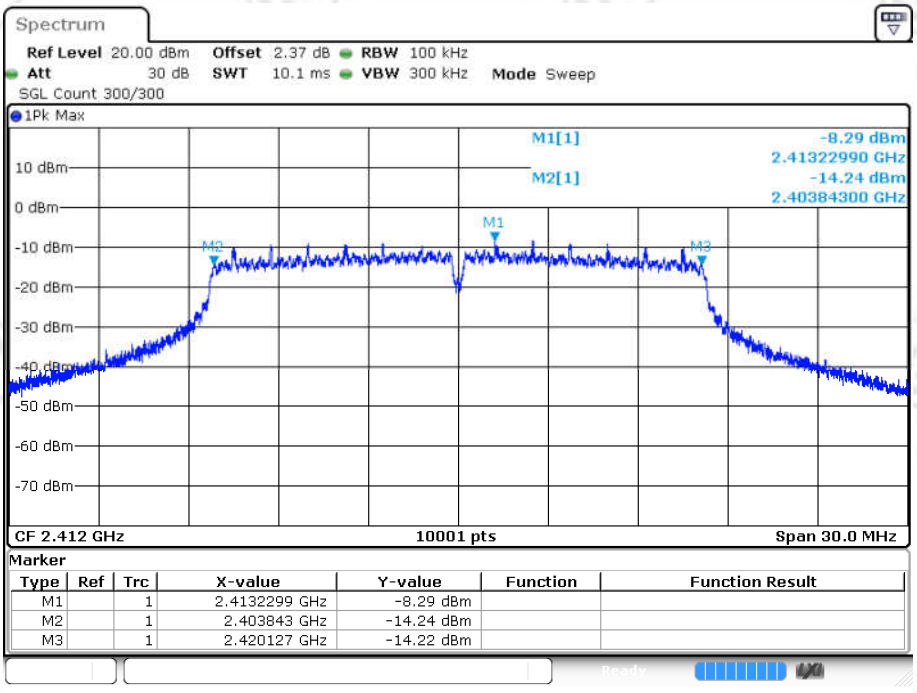
Date: 8.DEC.2024 11:00:02

-6dB Bandwidth NVNT b 2462MHz Ant1



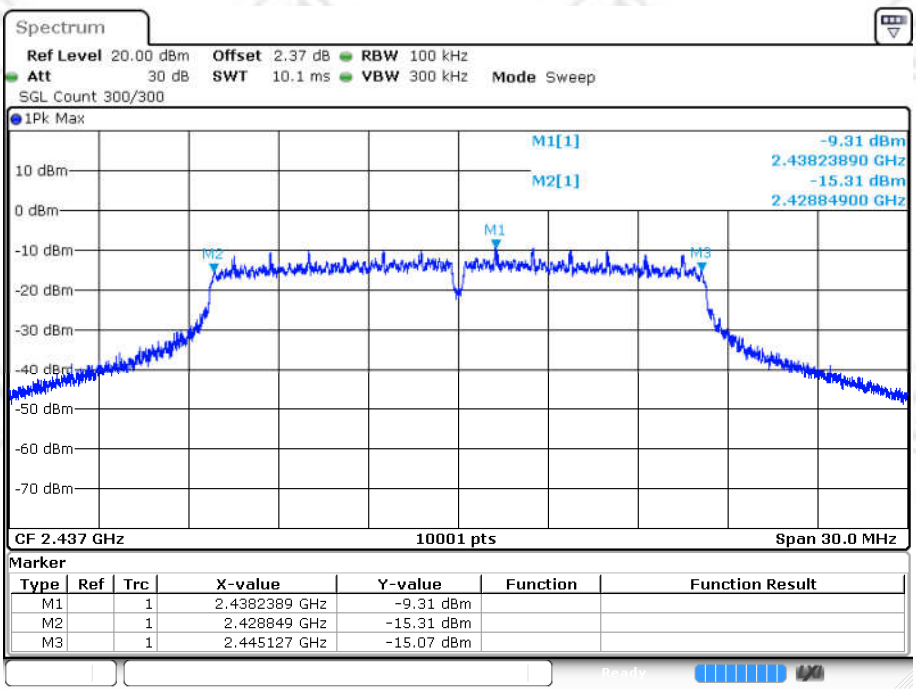
Date: 8.DEC.2024 11:02:09

-6dB Bandwidth NVNT g 2412MHz Ant1



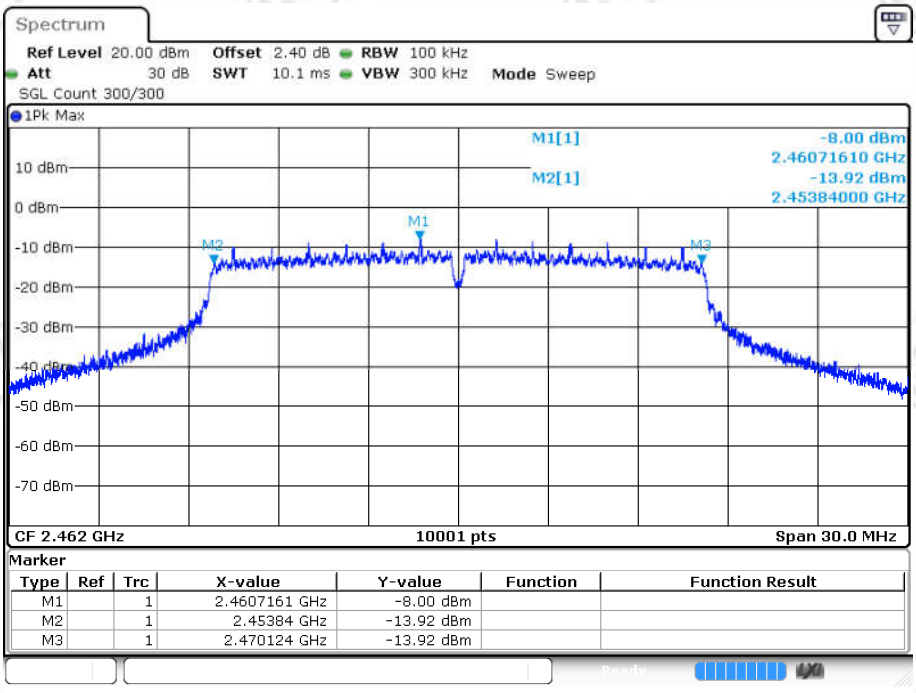
Date: 8.DEC.2024 11:03:51

-6dB Bandwidth NVNT g 2437MHz Ant1



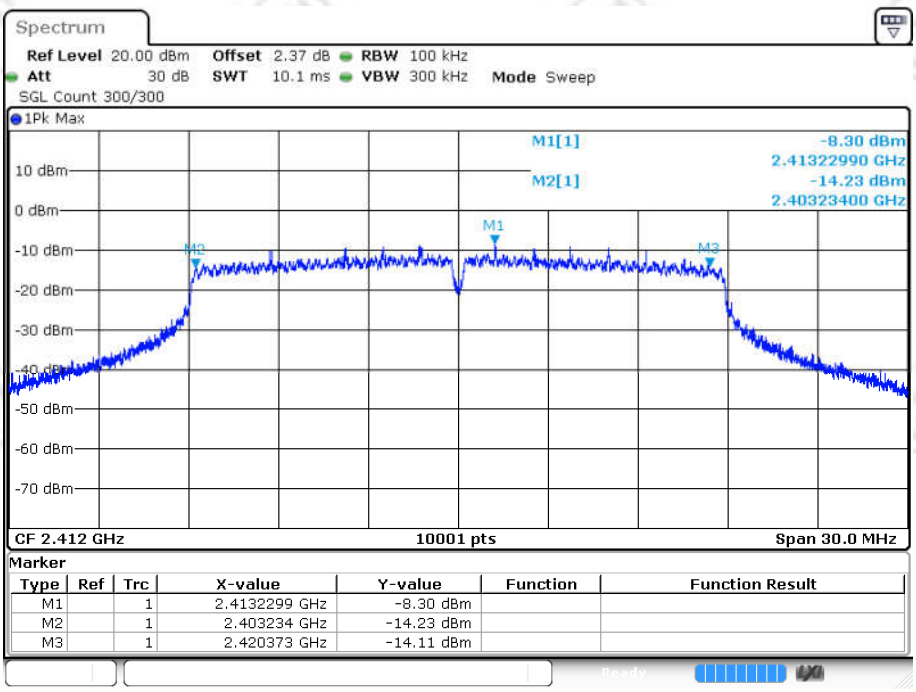
Date: 8.DEC.2024 11:05:33

-6dB Bandwidth NVNT g 2462MHz Ant1



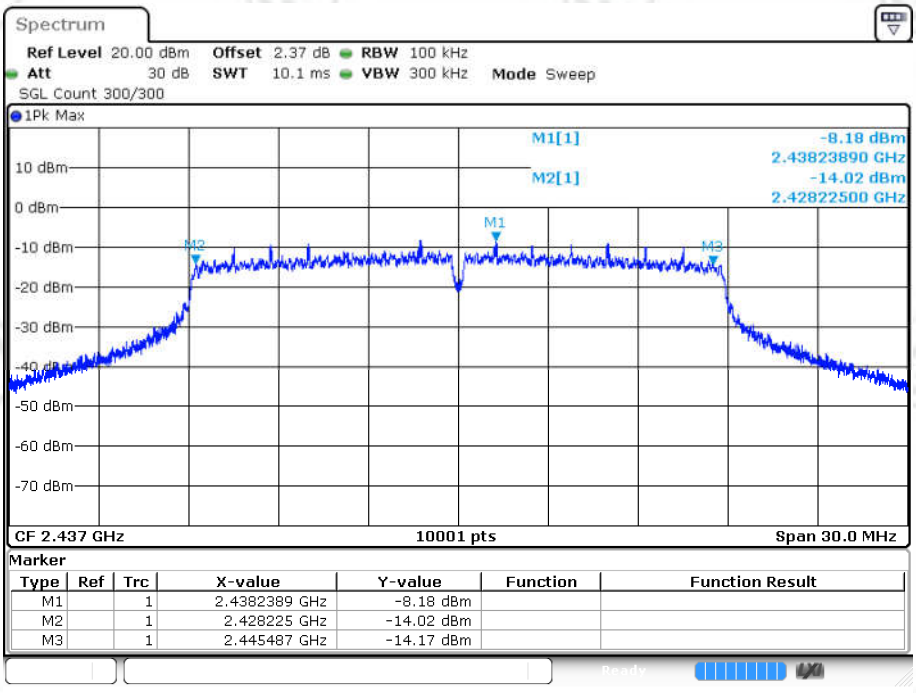
Date: 8.DEC.2024 11:07:28

-6dB Bandwidth NVNT n20 2412MHz Ant1



Date: 8.DEC.2024 12:23:25

-6dB Bandwidth NVNT n20 2437MHz Ant1



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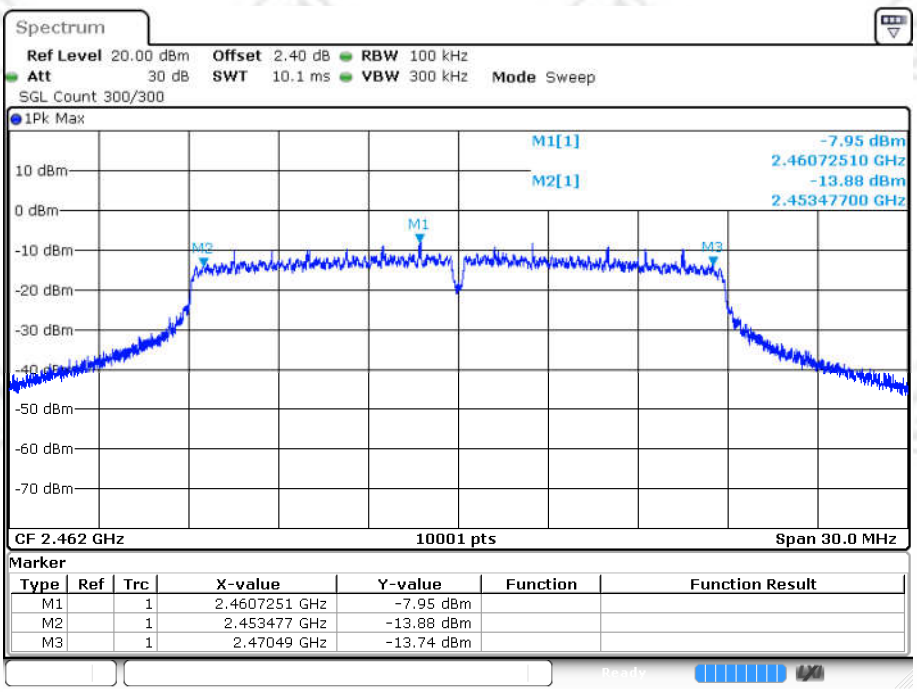
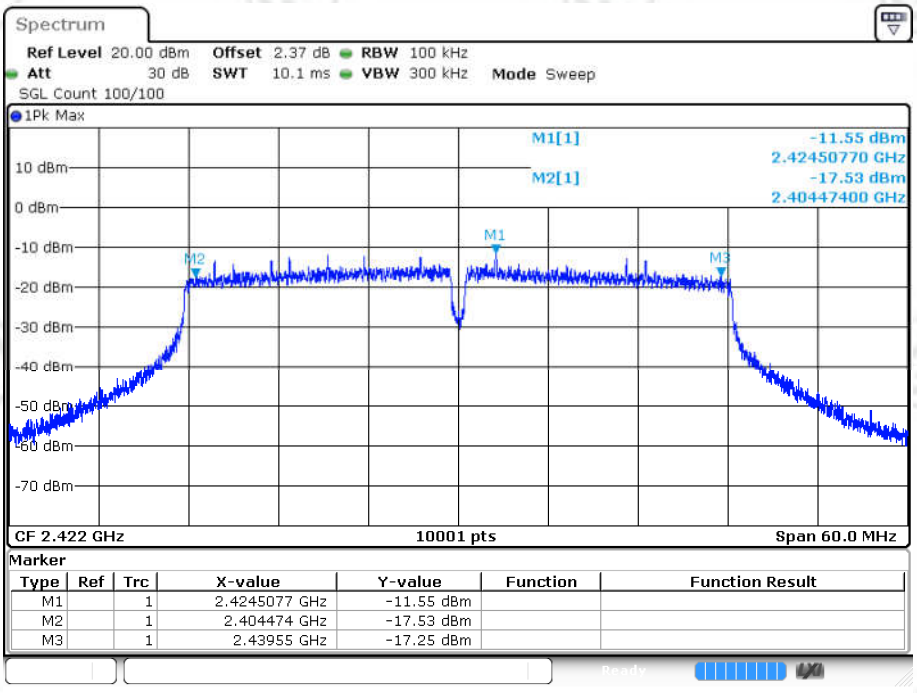
-6dB Bandwidth NVNT n20 2462MHz Ant1



Date: 8.DEC.2024 12:27:27

-6dB Bandwidth NVNT n40 2422MHz Ant1



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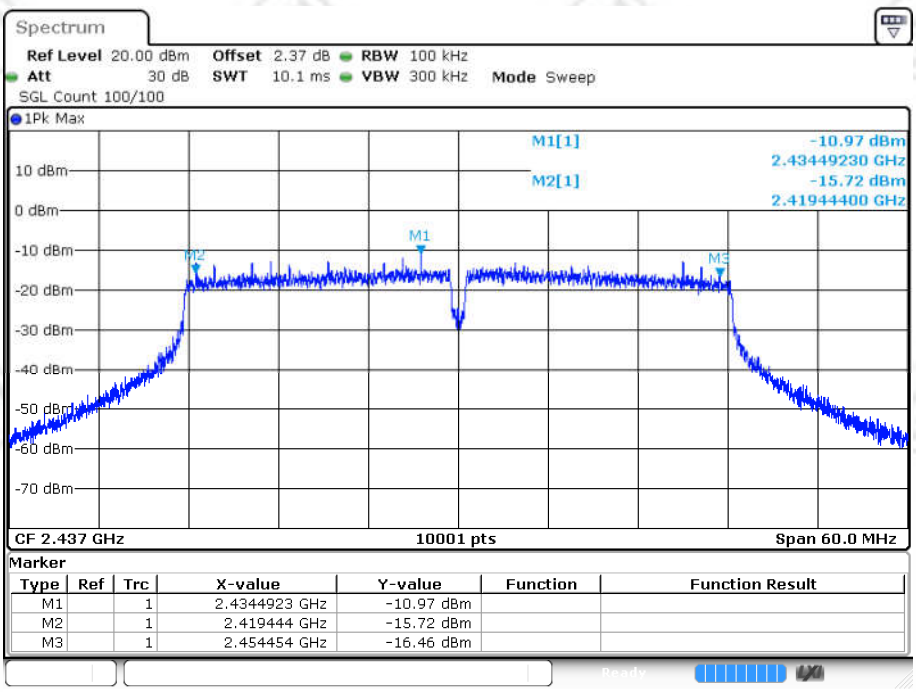
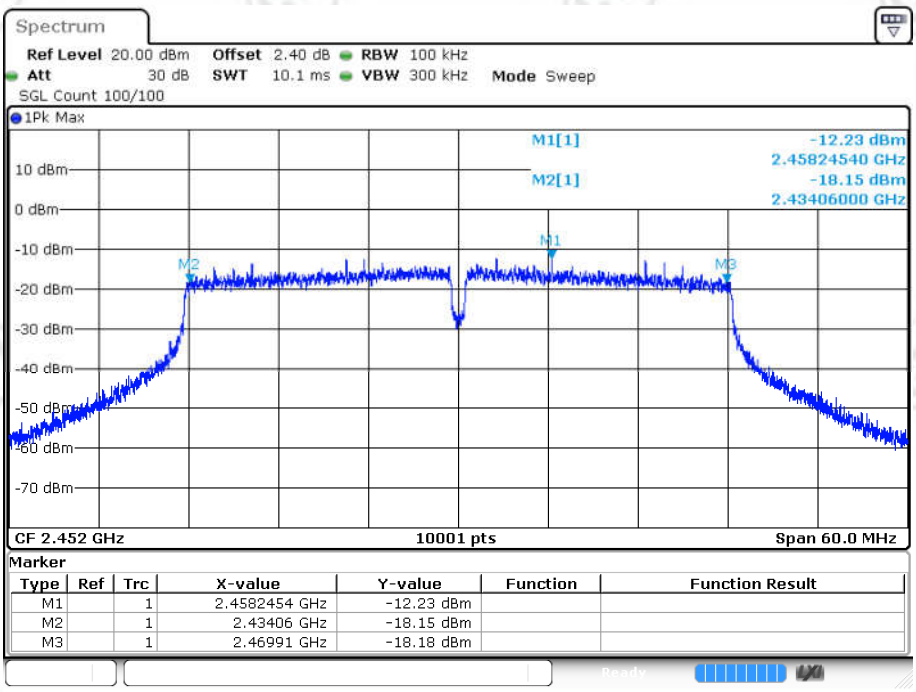
-6dB Bandwidth NVNT n40 2437MHz Ant1



Date: 8.DEC.2024 12:33:43

-6dB Bandwidth NVNT n40 2452MHz Ant1



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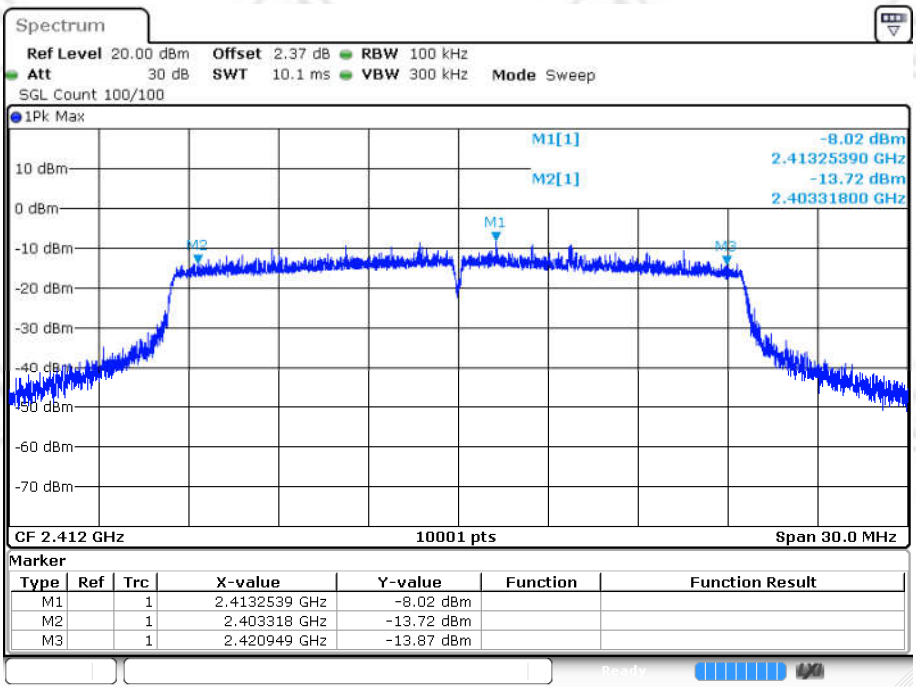
-6dB Bandwidth NVNT ax20 2412MHz Ant1



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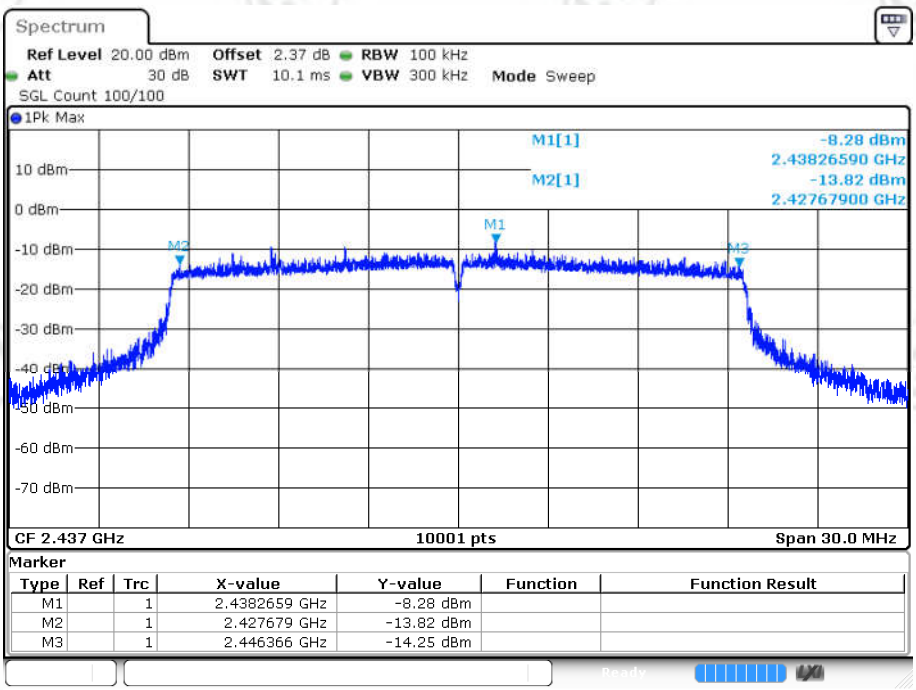
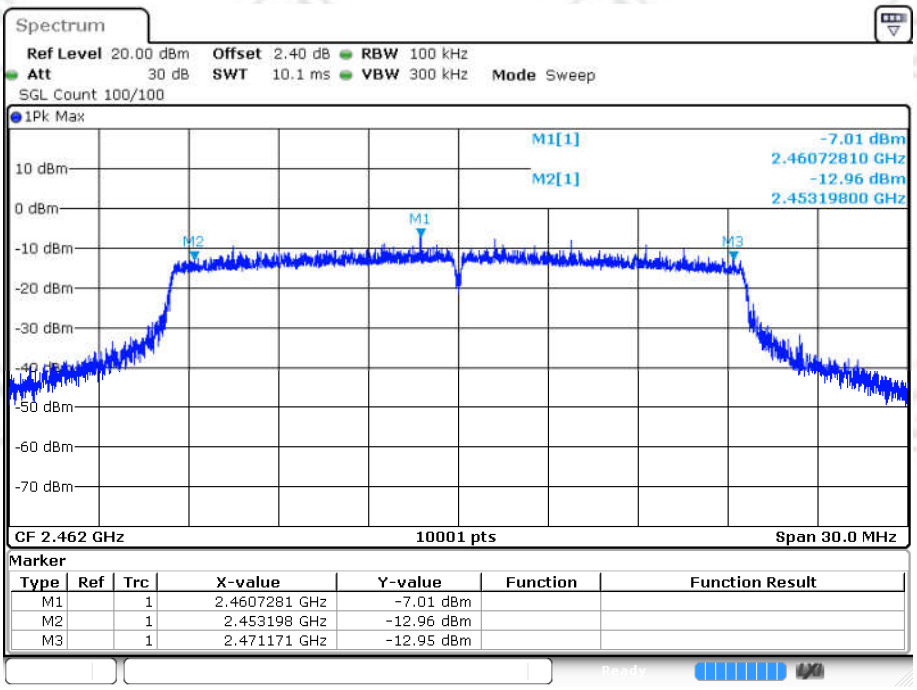
-6dB Bandwidth NVNT ax20 2437MHz Ant1



Date: 8.DEC.2024 12:42:43

-6dB Bandwidth NVNT ax20 2462MHz Ant1



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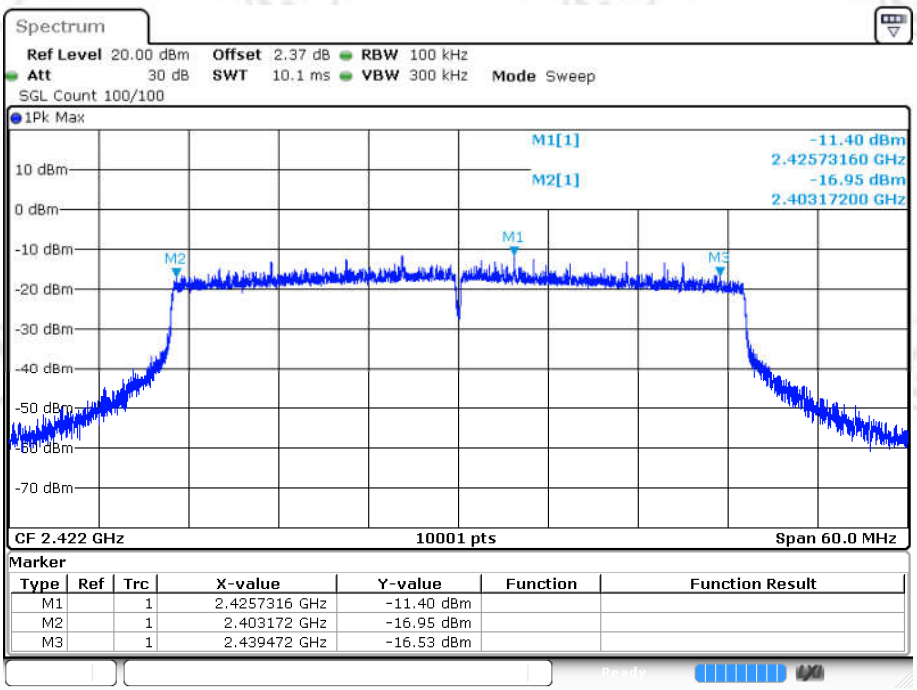
-6dB Bandwidth NVNT ax40 2422MHz Ant1



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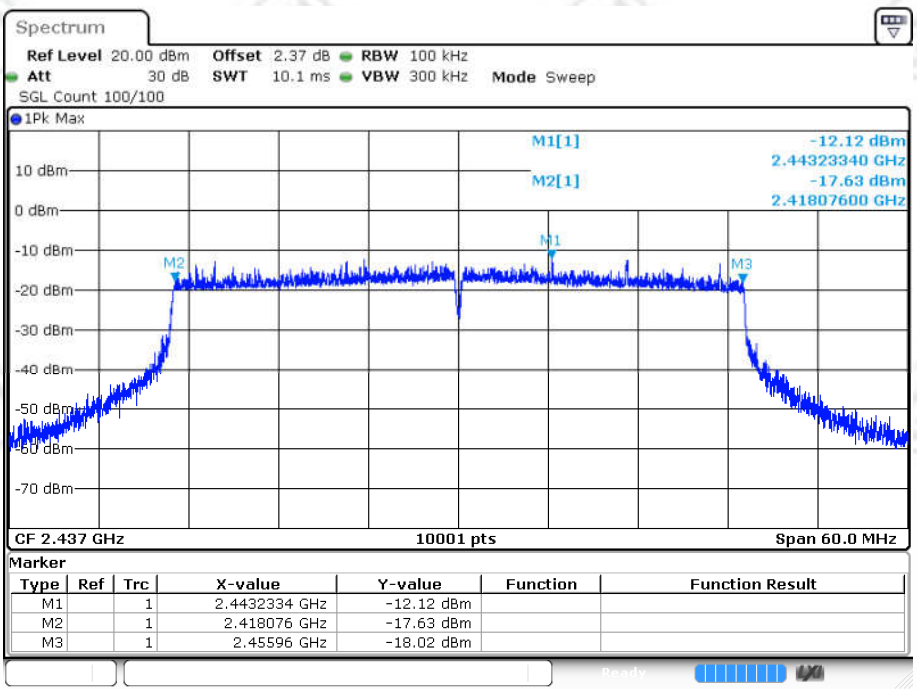
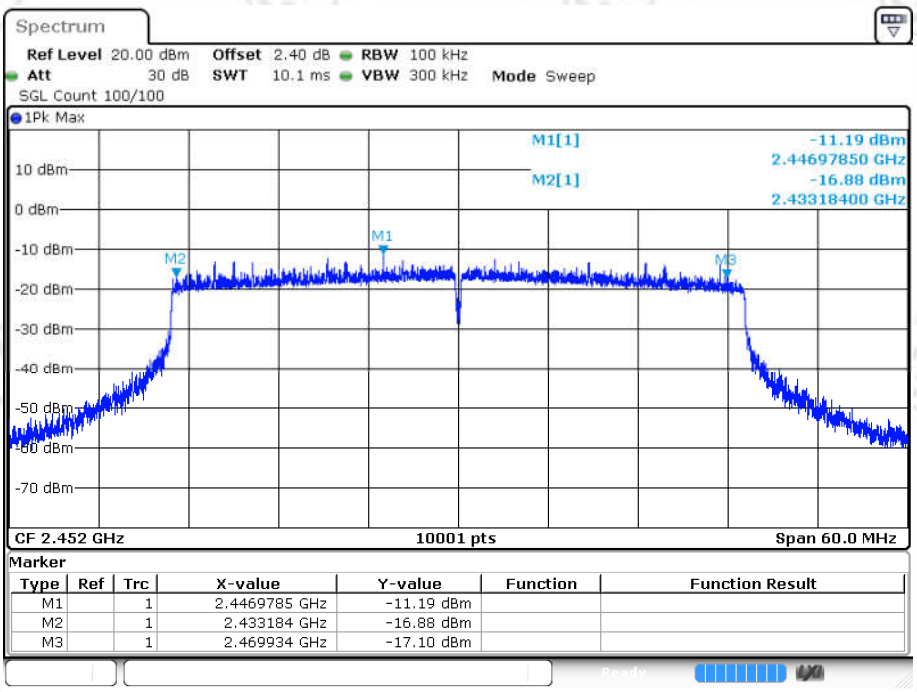
-6dB Bandwidth NVNT ax40 2437MHz Ant1



Date: 8.DEC.2024 12:54:37

-6dB Bandwidth NVNT ax40 2452MHz Ant1



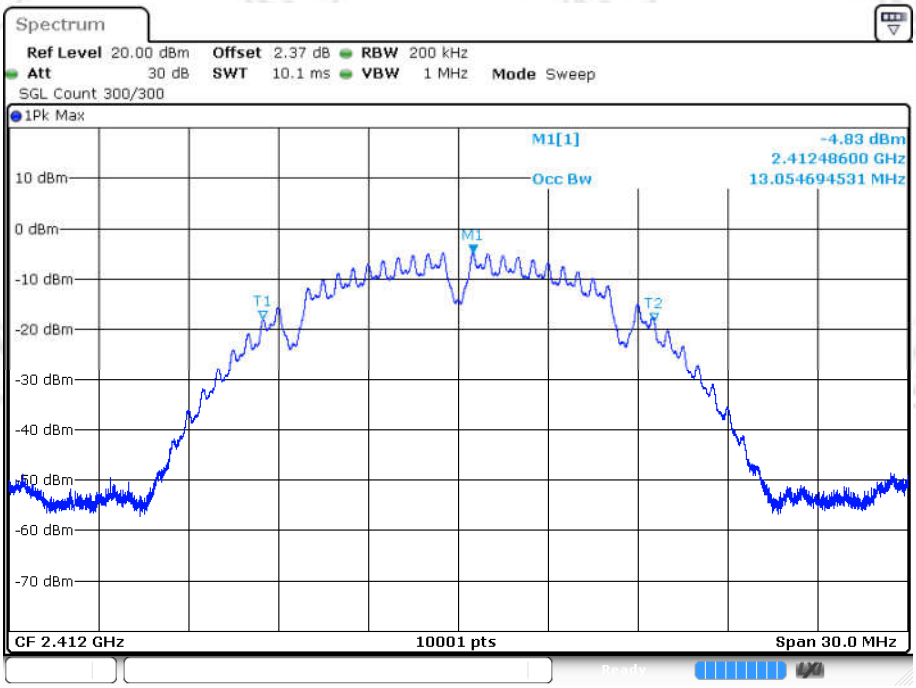
Date: 8.DEC.2024 13:04:48

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.055
NVNT	b	2437	Ant1	13.07
NVNT	b	2462	Ant1	13.052
NVNT	g	2412	Ant1	16.639
NVNT	g	2437	Ant1	16.666
NVNT	g	2462	Ant1	16.669
NVNT	n20	2412	Ant1	17.854
NVNT	n20	2437	Ant1	17.878
NVNT	n20	2462	Ant1	17.857
NVNT	n40	2422	Ant1	36.398
NVNT	n40	2437	Ant1	36.422
NVNT	n40	2452	Ant1	36.44
NVNT	ax20	2412	Ant1	18.979
NVNT	ax20	2437	Ant1	19.006
NVNT	ax20	2462	Ant1	18.991
NVNT	ax40	2422	Ant1	37.82
NVNT	ax40	2437	Ant1	37.82
NVNT	ax40	2452	Ant1	37.814

Test Graphs

OBW NVNT b 2412MHz Ant1



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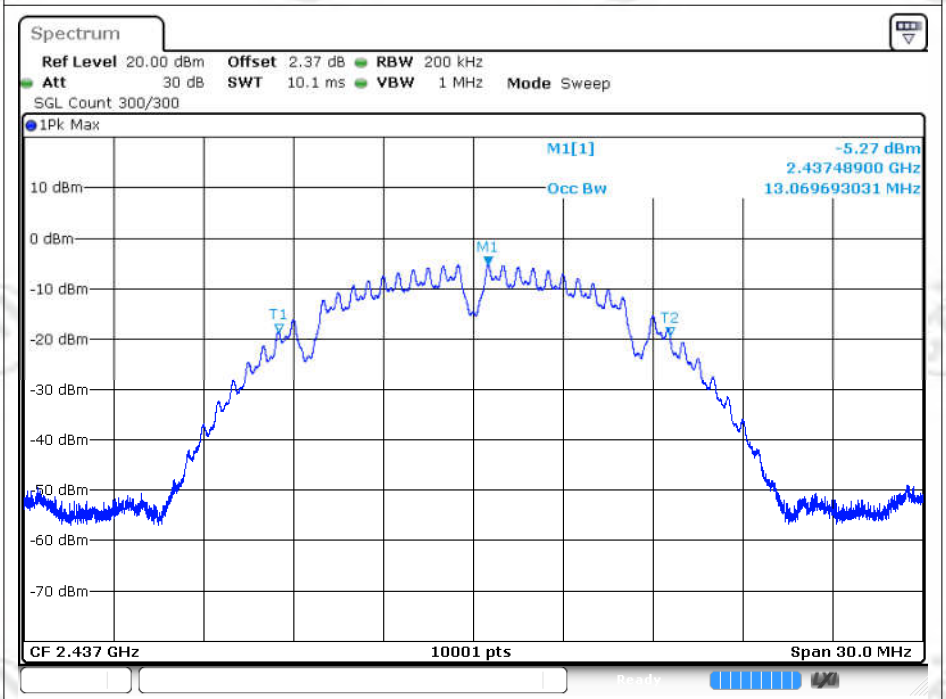

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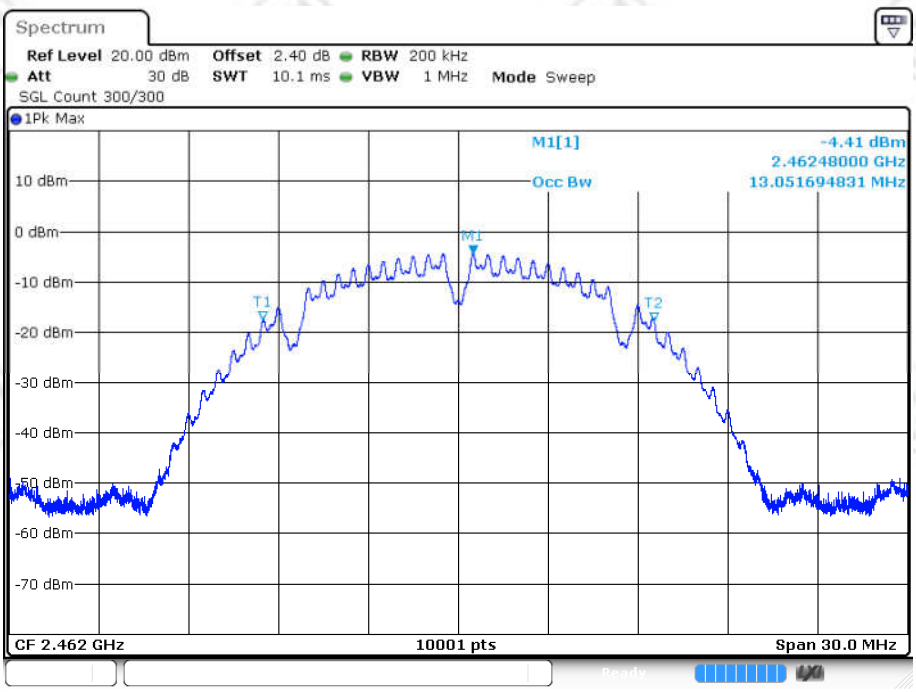

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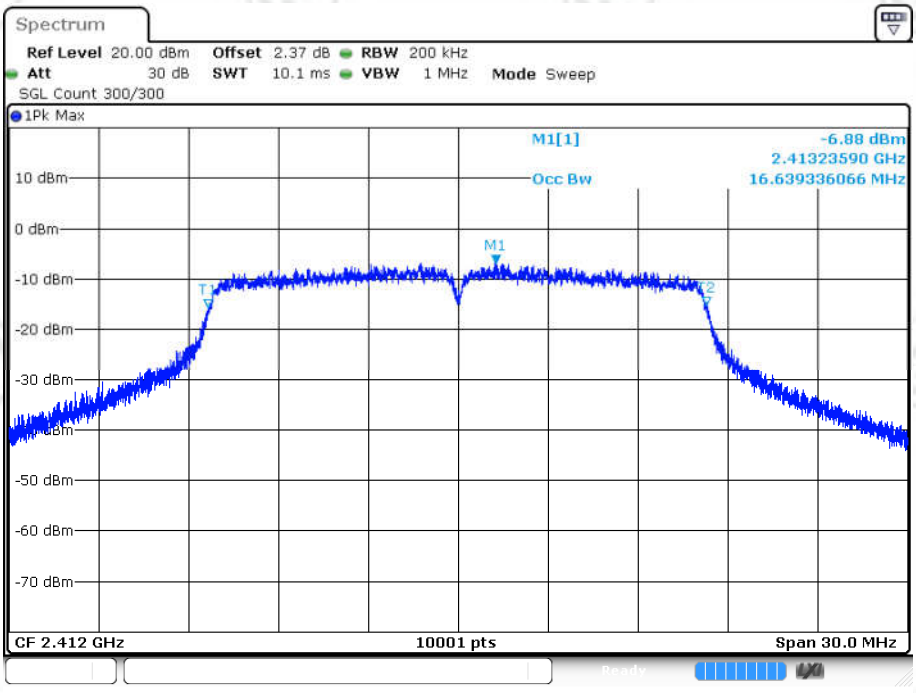
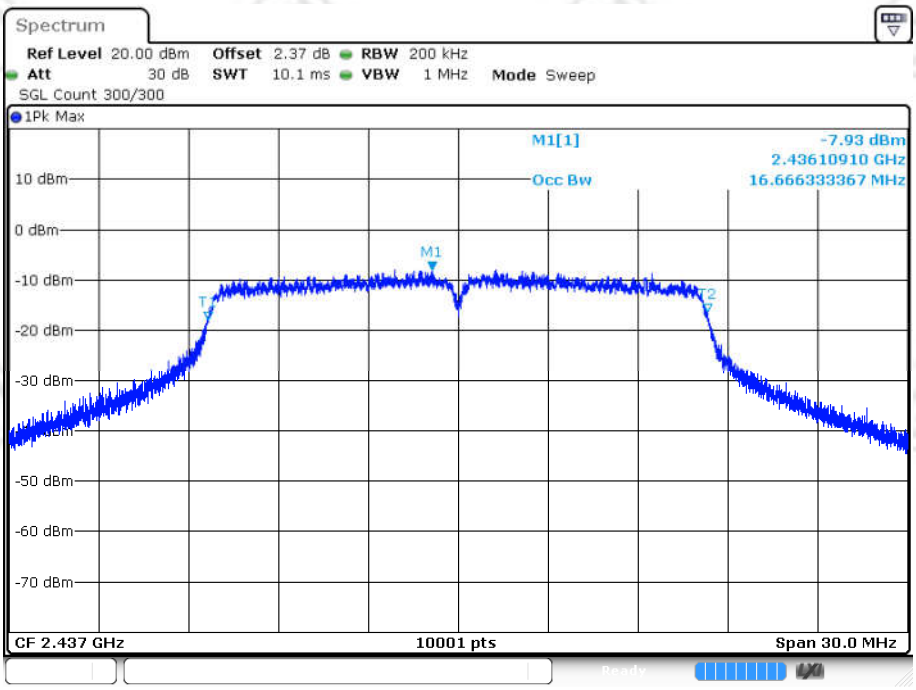
OBW NVNT g 2412MHz Ant1



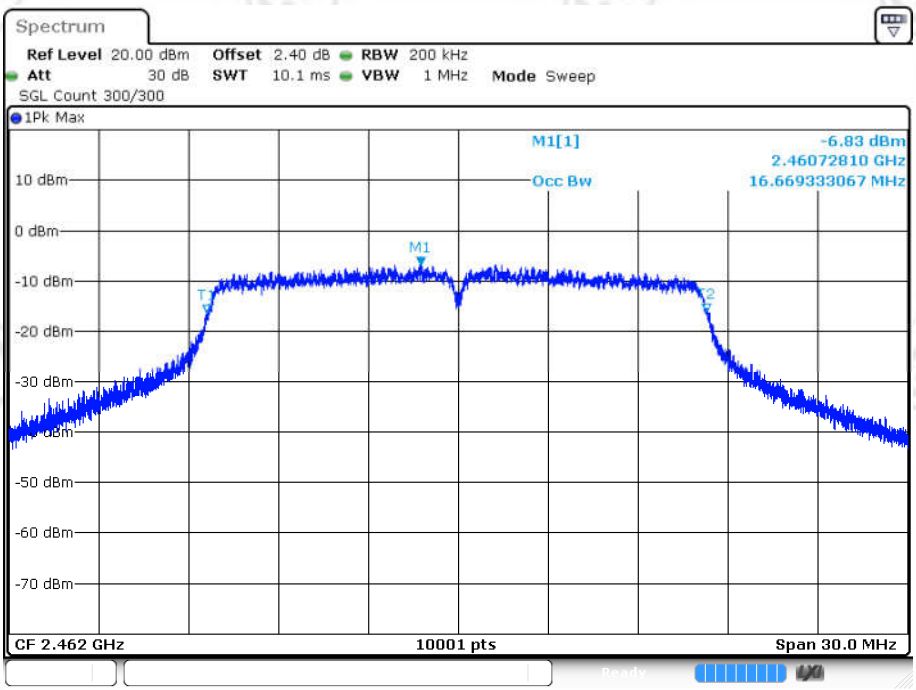
Date: 8.DEC.2024 11:03:40

OBW NVNT g 2437MHz Ant1



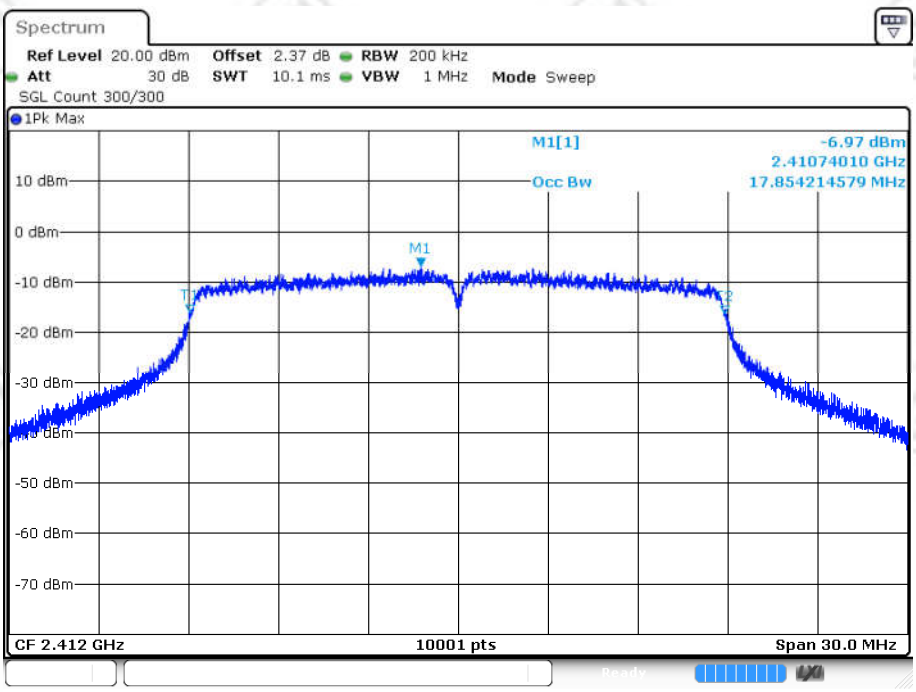
Date: 8.DEC.2024 11:05:22

OBW NVNT g 2462MHz Ant1



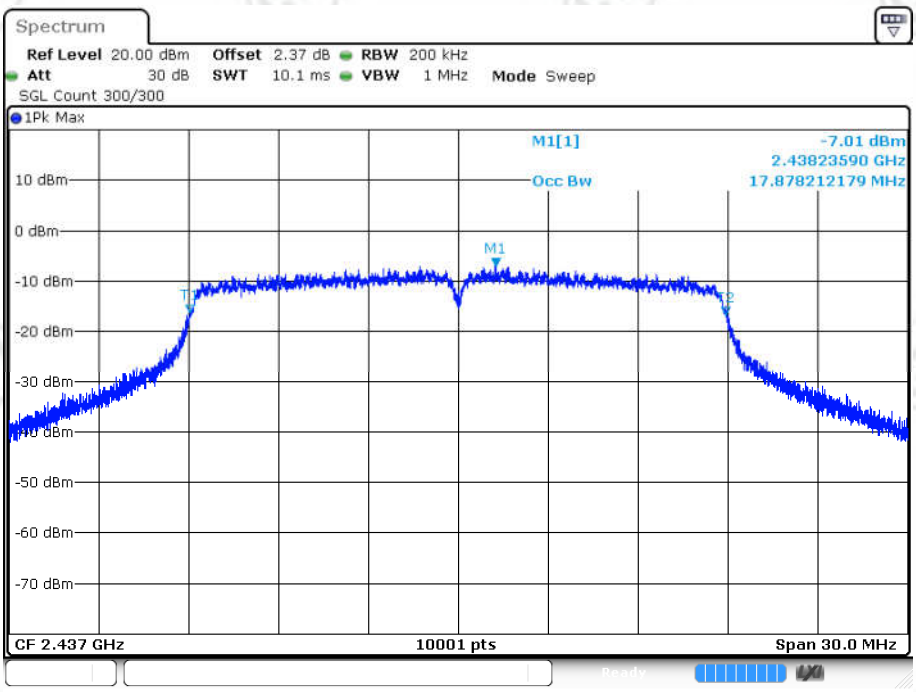
Date: 8.DEC.2024 11:07:14

OBW NVNT n20 2412MHz Ant1



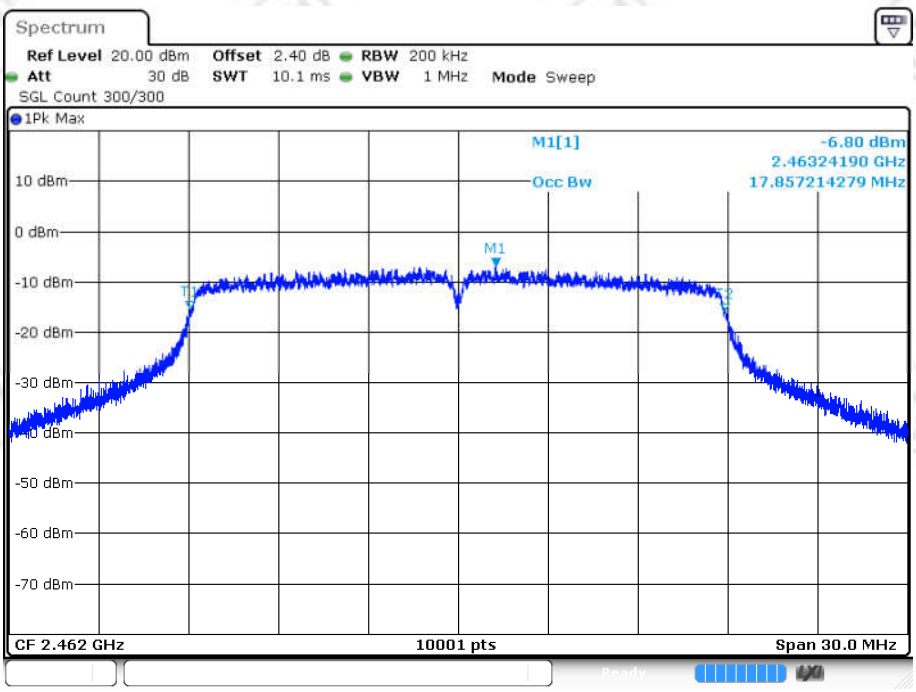
Date: 8.DEC.2024 12:23:14

OBW NVNT n20 2437MHz Ant1



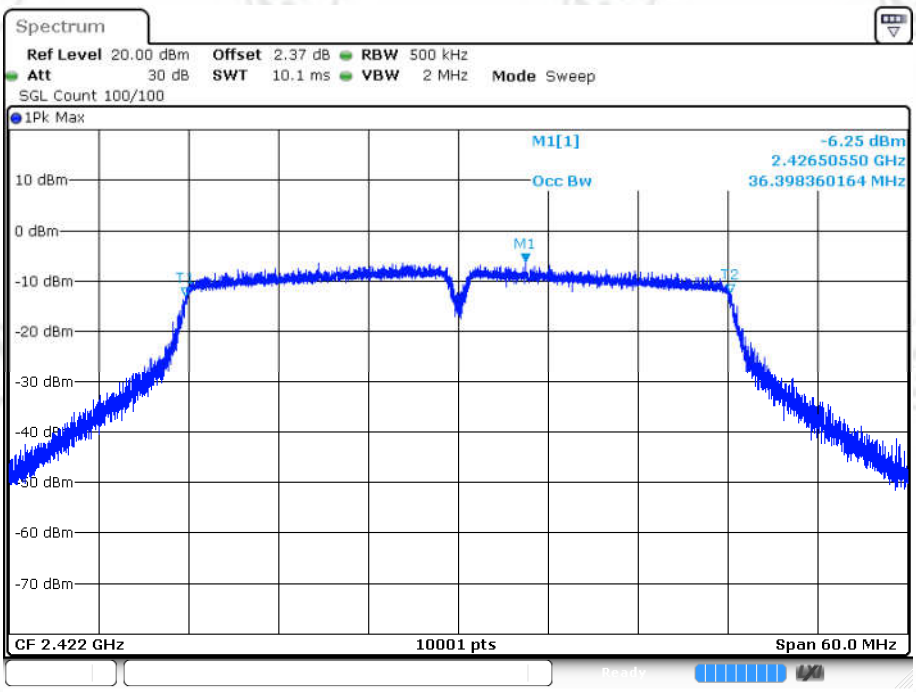
Date: 8.DEC.2024 12:25:02

OBW NVNT n20 2462MHz Ant1



Date: 8.DEC.2024 12:27:15

OBW NVNT n40 2422MHz Ant1



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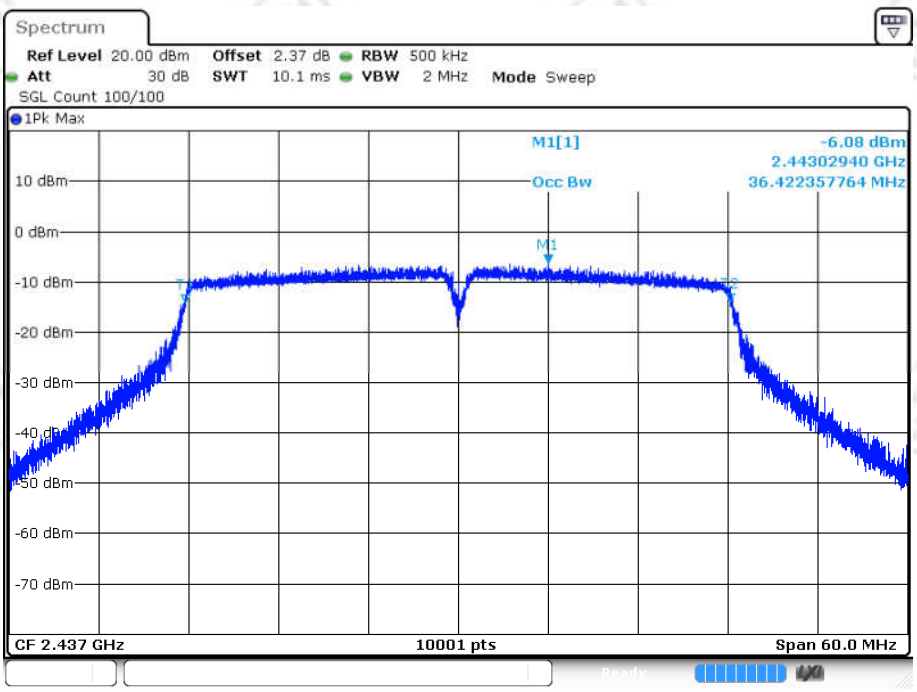
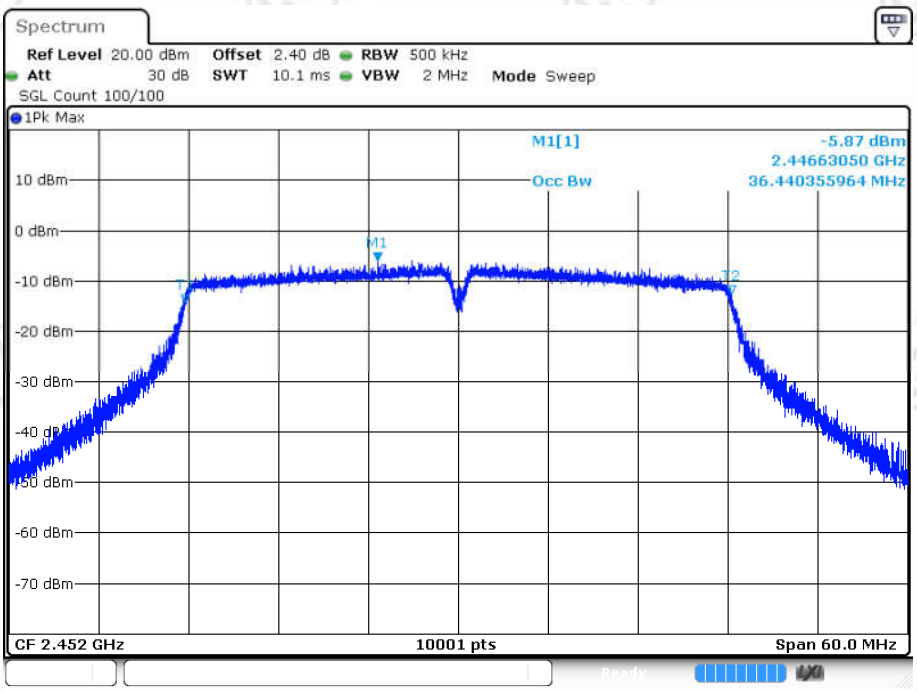
OBW NVNT n40 2437MHz Ant1



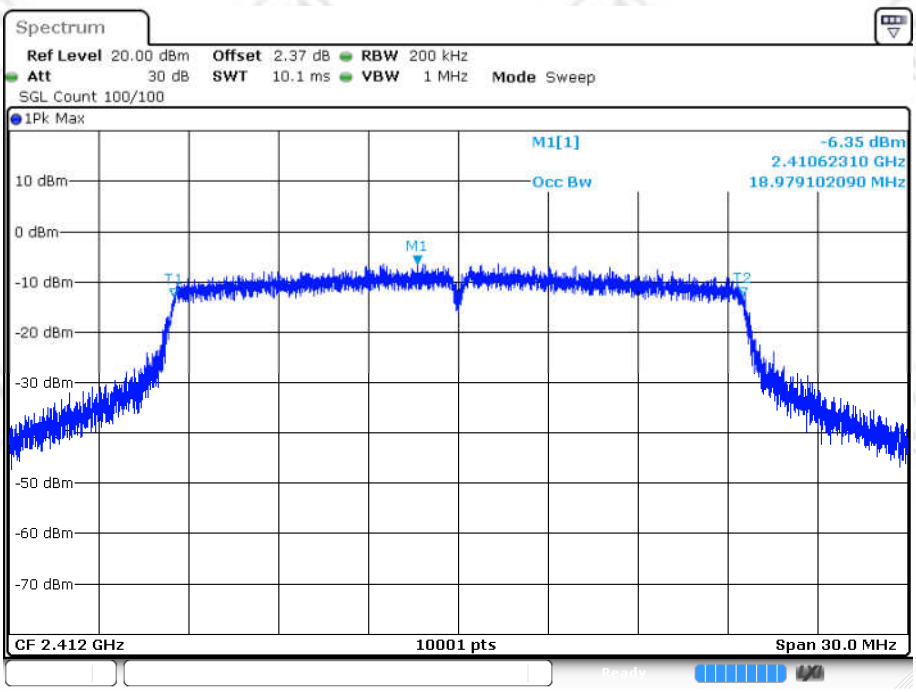
Date: 8.DEC.2024 12:33:37

OBW NVNT n40 2452MHz Ant1



Date: 8.DEC.2024 12:35:38

OBW NVNT ax20 2412MHz Ant1



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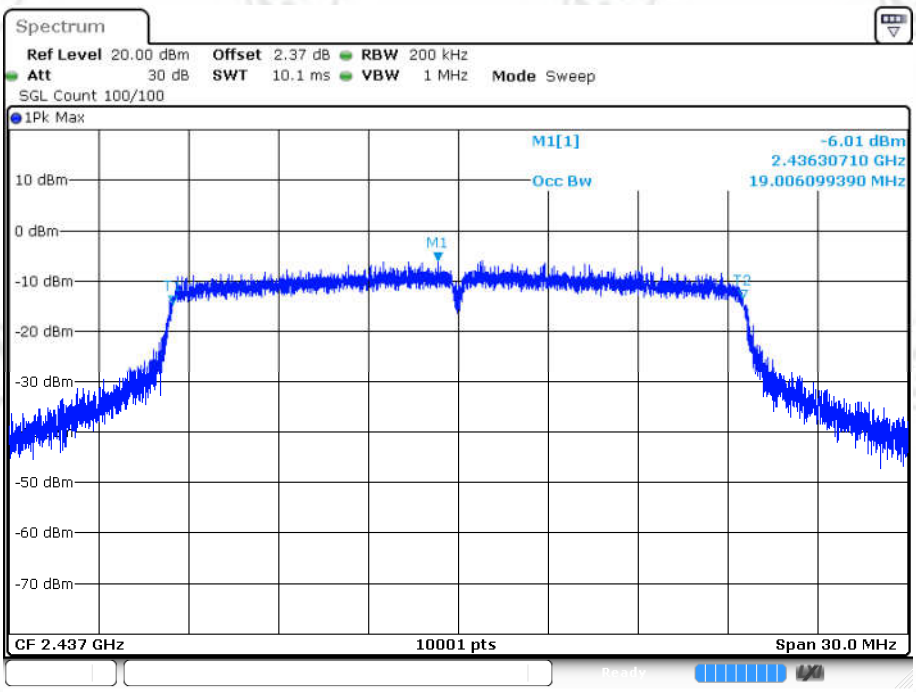
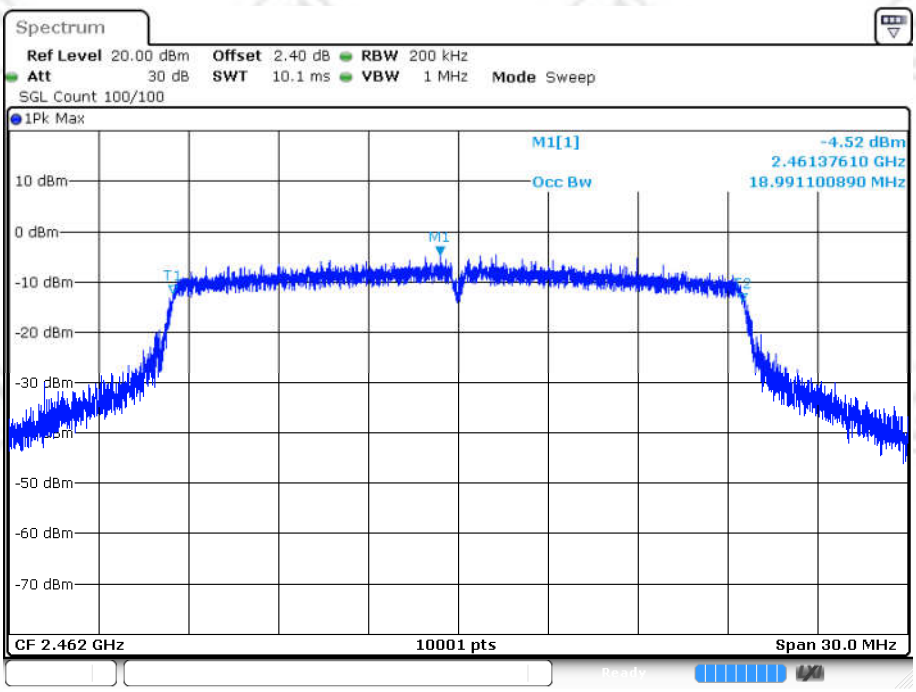
OBW NVNT ax20 2437MHz Ant1



Date: 8.DEC.2024 12:42:36

OBW NVNT ax20 2462MHz Ant1



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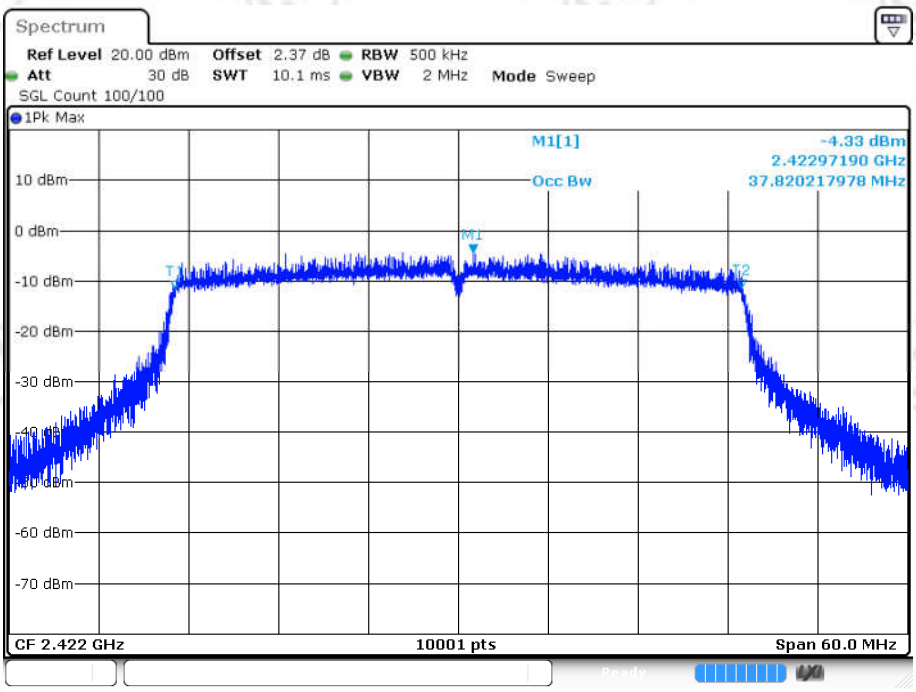
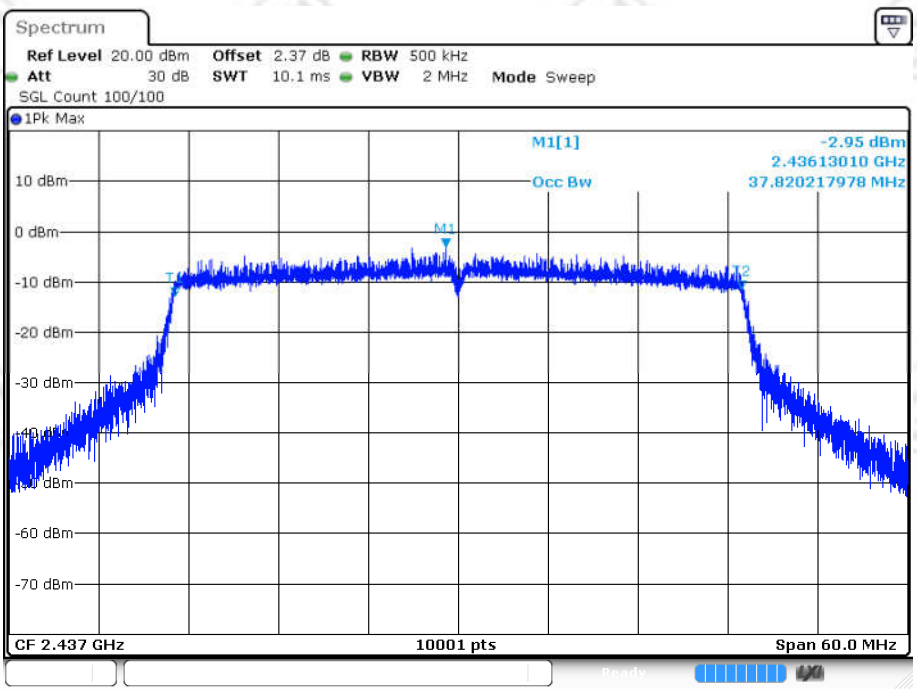
OBW NVNT ax40 2422MHz Ant1



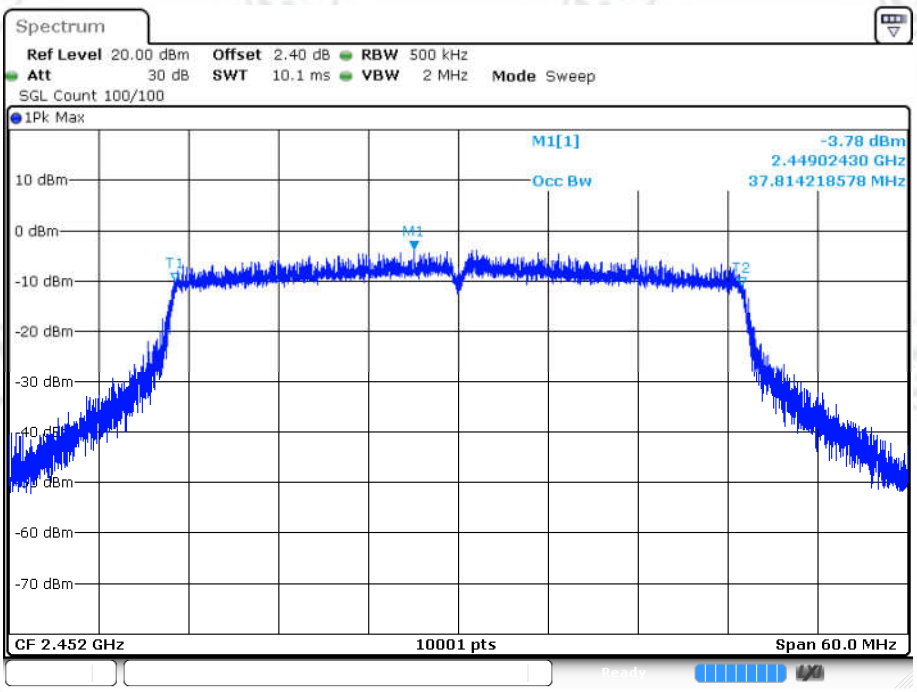
Date: 8.DEC.2024 12:50:33

OBW NVNT ax40 2437MHz Ant1



Date: 8.DEC.2024 12:54:29

OBW NVNT ax40 2452MHz Ant1



Date: 8.DEC.2024 12:57:27

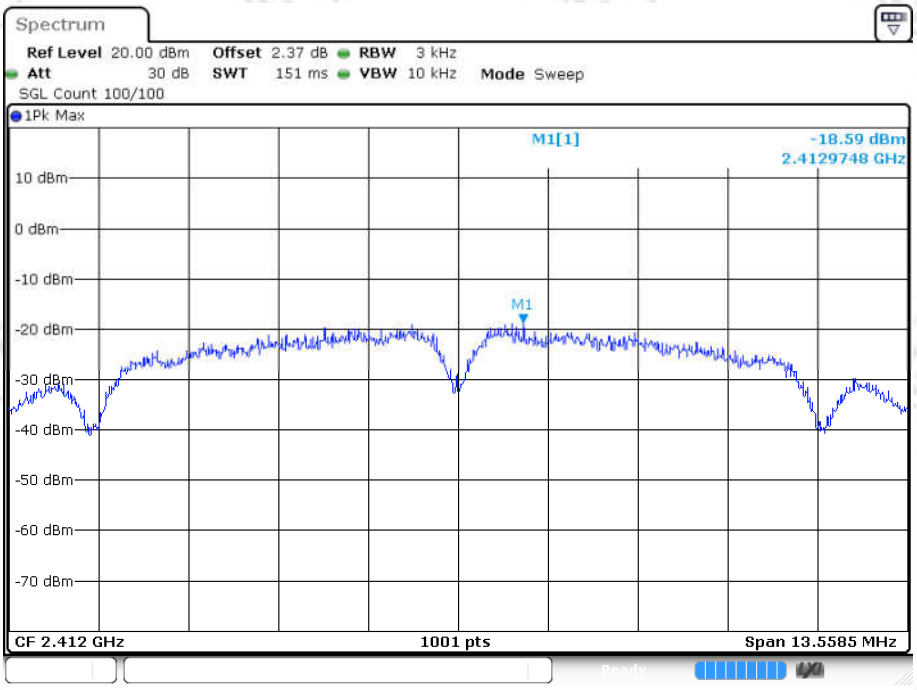
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-18.59	8	Pass
NVNT	b	2437	Ant1	-18.71	8	Pass
NVNT	b	2462	Ant1	-18.87	8	Pass
NVNT	g	2412	Ant1	-21.58	8	Pass
NVNT	g	2437	Ant1	-22.80	8	Pass
NVNT	g	2462	Ant1	-21.63	8	Pass
NVNT	n20	2412	Ant1	-21.27	8	Pass
NVNT	n20	2437	Ant1	-21.73	8	Pass
NVNT	n20	2462	Ant1	-20.47	8	Pass
NVNT	n40	2422	Ant1	-24.39	8	Pass
NVNT	n40	2437	Ant1	-24.11	8	Pass
NVNT	n40	2452	Ant1	-24.48	8	Pass
NVNT	ax20	2412	Ant1	-22.28	8	Pass
NVNT	ax20	2437	Ant1	-22.46	8	Pass
NVNT	ax20	2462	Ant1	-21.47	8	Pass
NVNT	ax40	2422	Ant1	-25.53	8	Pass
NVNT	ax40	2437	Ant1	-25.31	8	Pass
NVNT	ax40	2452	Ant1	-25.00	8	Pass

Note:The Conducted PSD (dBm/3kHz) has been added Duty Cycle Correction Factor (dB);

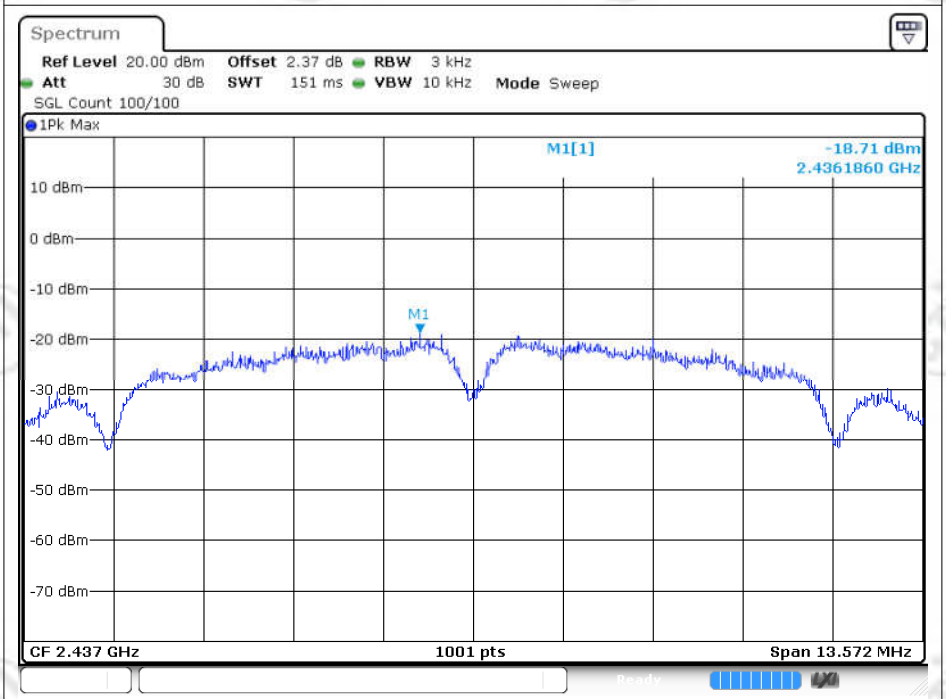
Test Graphs

PSD NVNT b 2412MHz Ant1



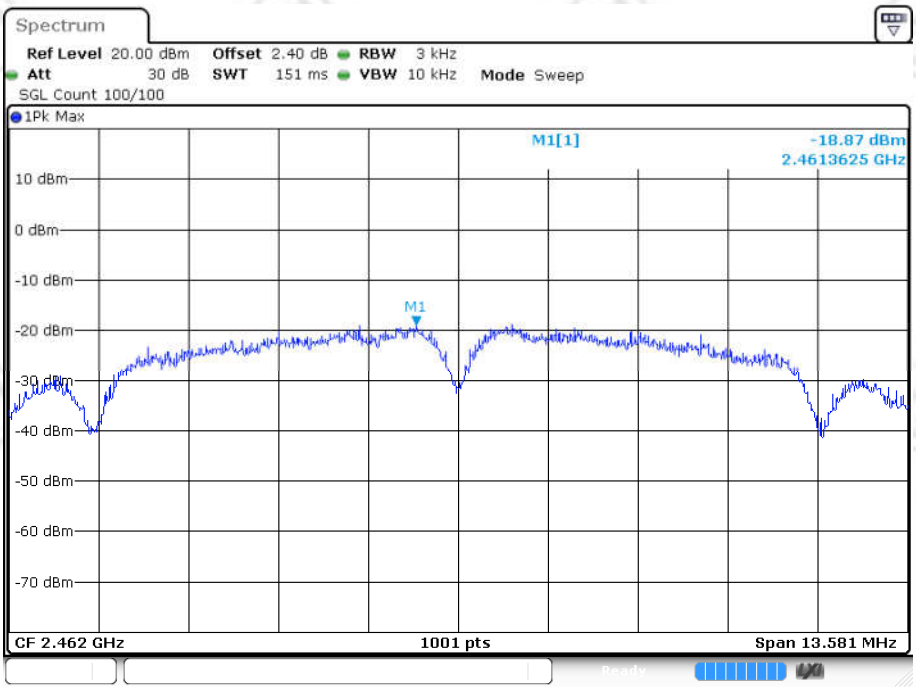
Date: 8.DEC.2024 10:58:50

PSD NVNT b 2437MHz Ant1



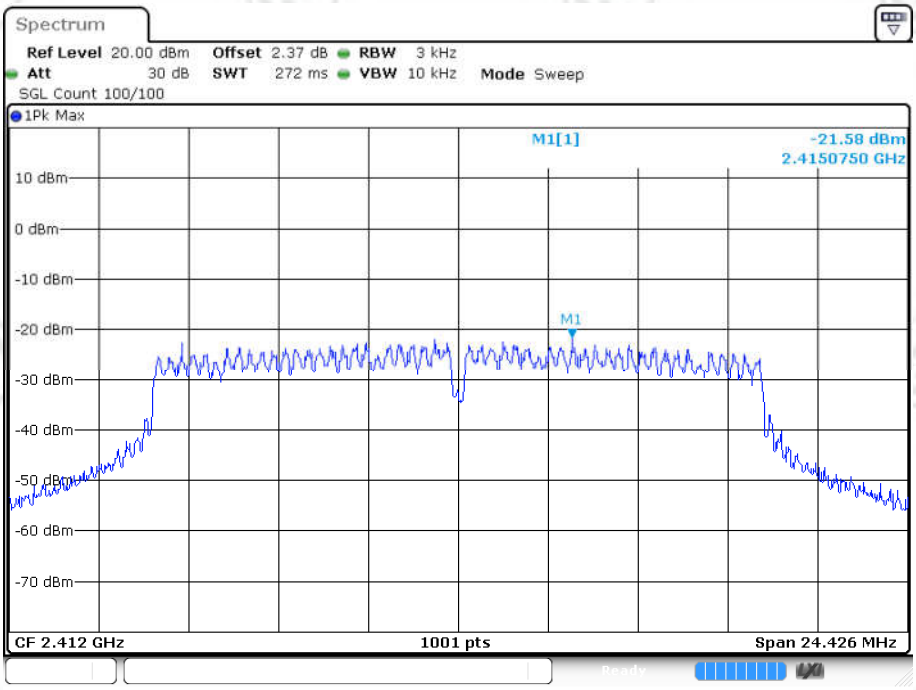
Date: 8.DEC.2024 11:00:43

PSD NVNT b 2462MHz Ant1



Date: 8.DEC.2024 11:02:30

PSD NVNT g 2412MHz Ant1



Date: 8.DEC.2024 11:04:27

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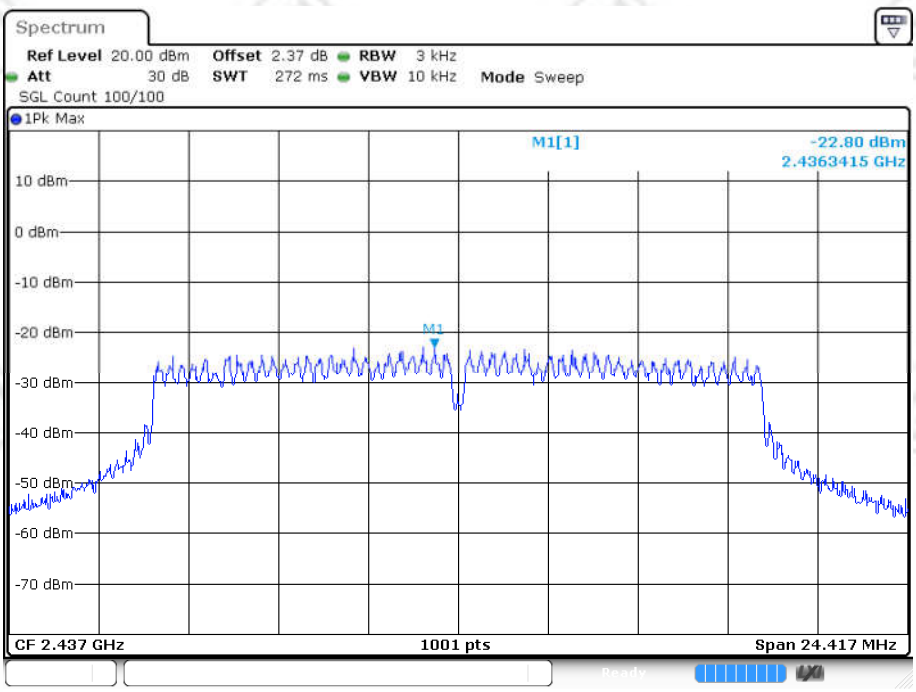
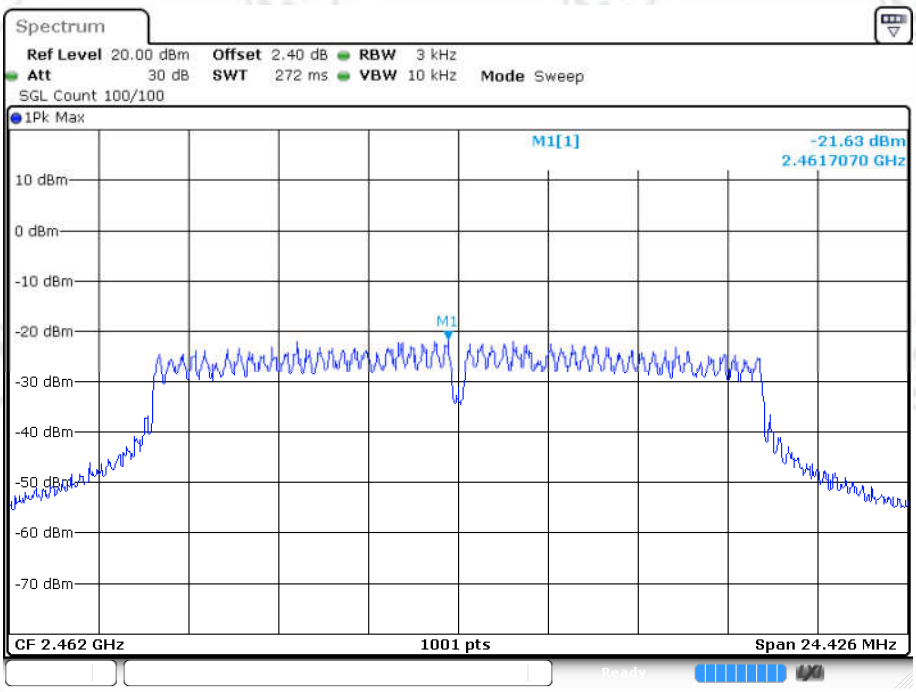


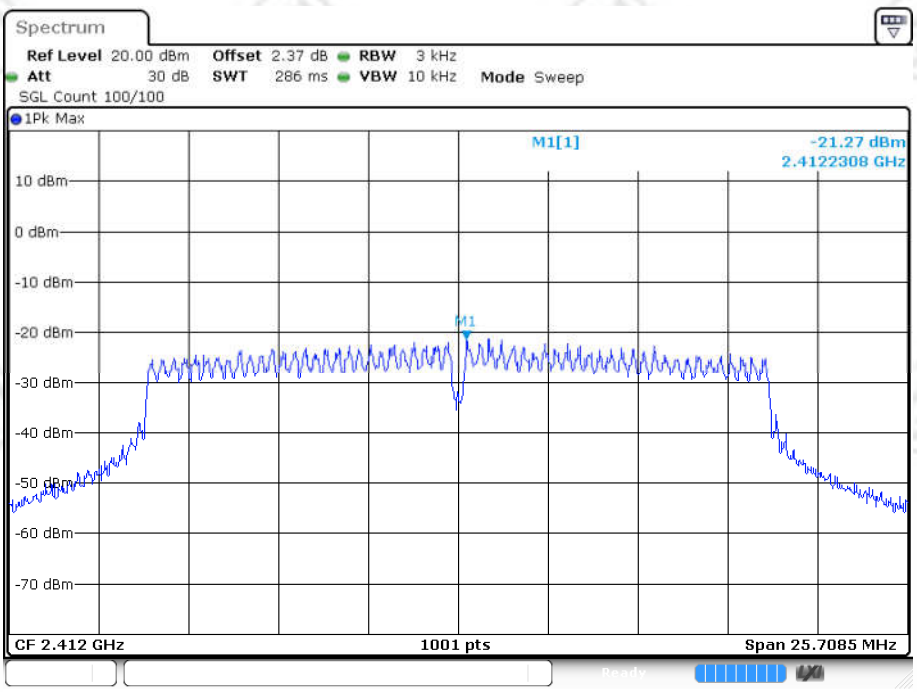
Date: 8.DEC.2024 11:06:29

PSD NVNT g 2462MHz Ant1



Date: 8.DEC.2024 11:08:07

PSD NVNT n20 2412MHz Ant1



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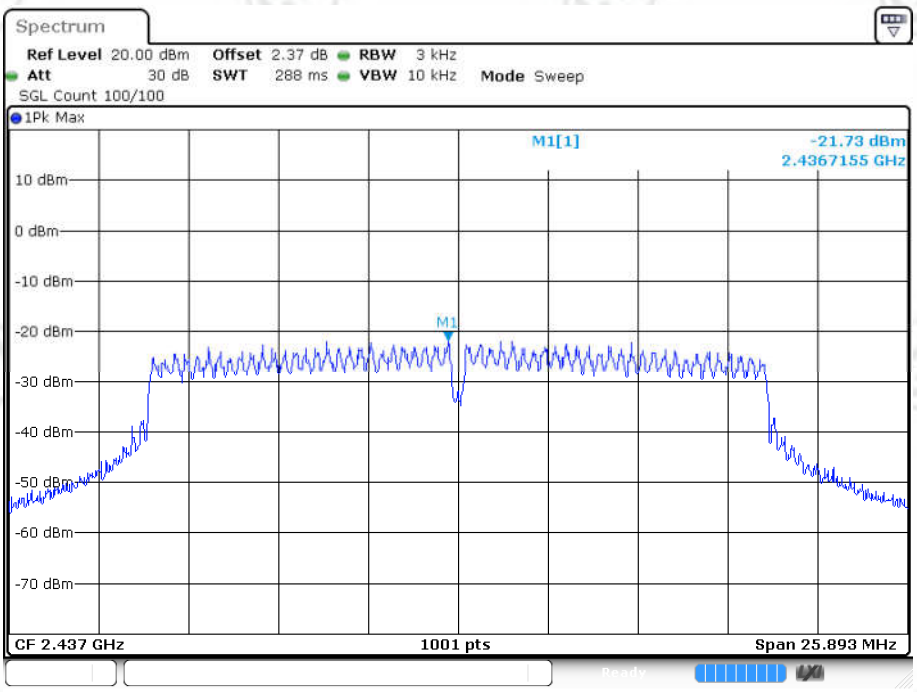
PSD NVNT n20 2437MHz Ant1



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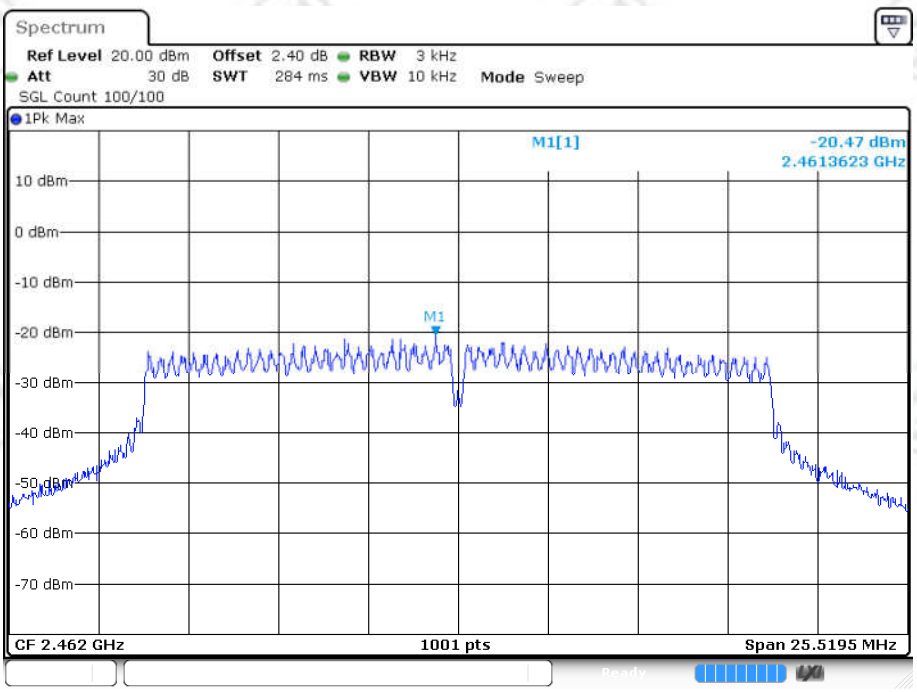
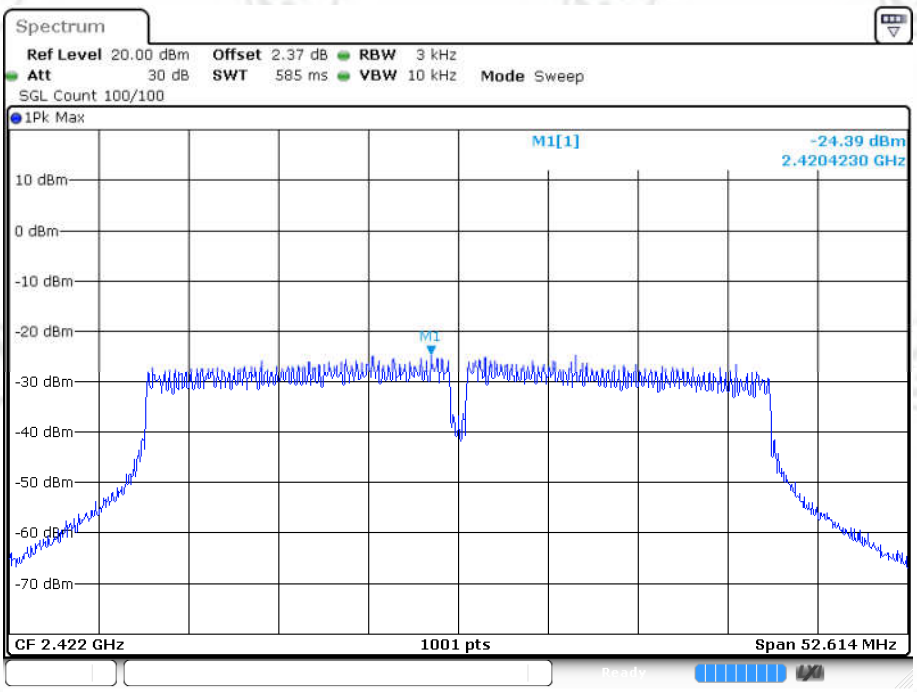
PSD NVNT n20 2462MHz Ant1



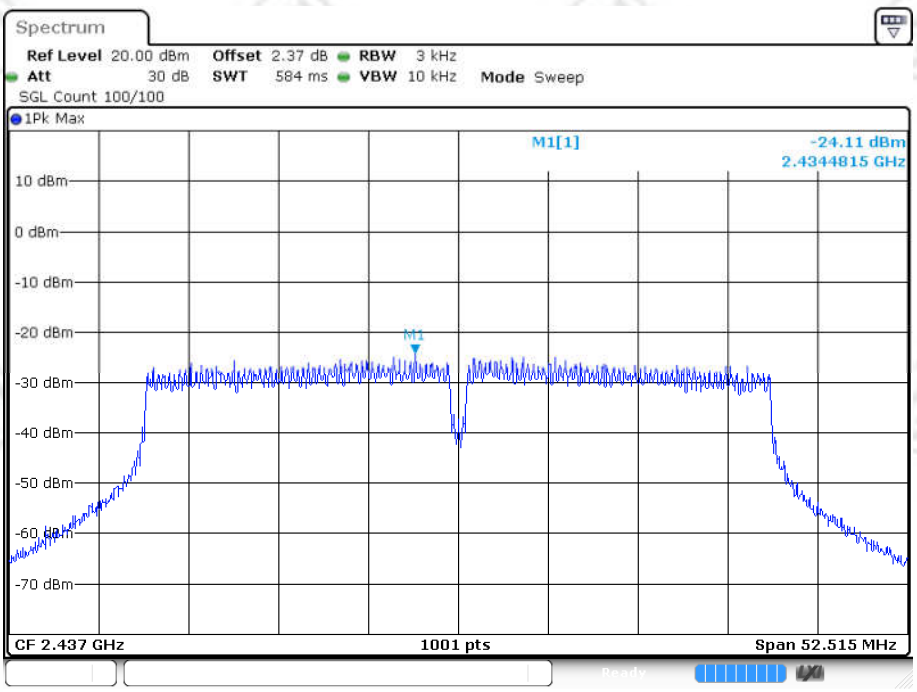
Date: 8.DEC.2024 12:28:05

PSD NVNT n40 2422MHz Ant1



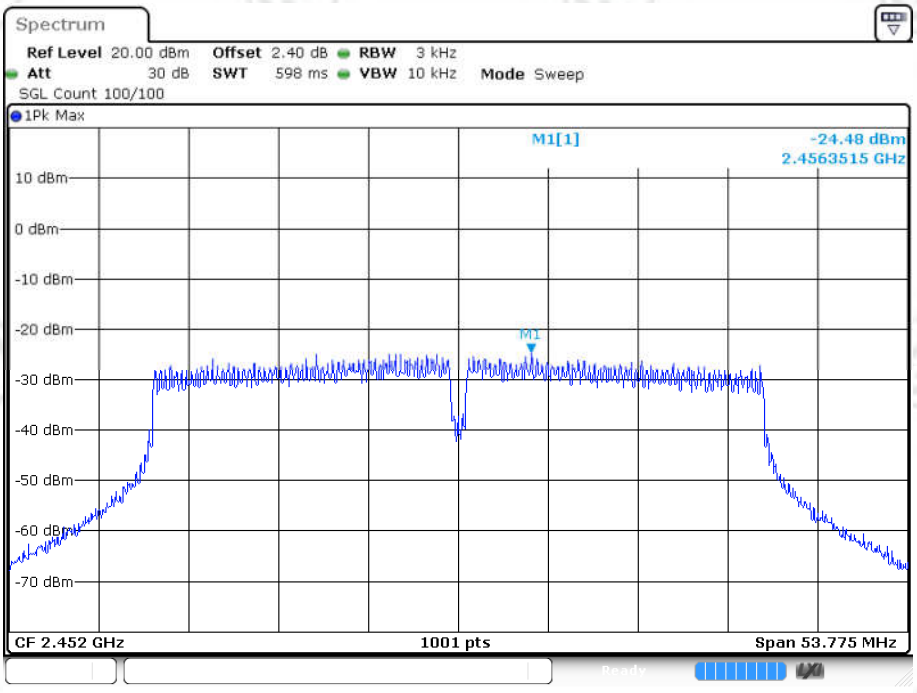
Date: 8.DEC.2024 12:32:24

PSD NVNT n40 2437MHz Ant1



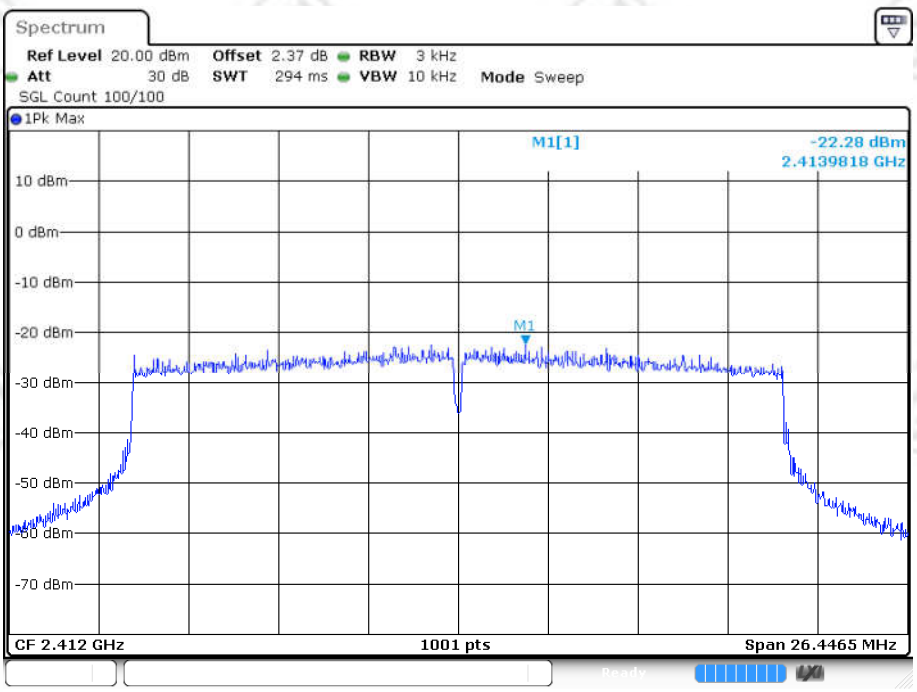
Date: 8.DEC.2024 12:34:57

PSD NVNT n40 2452MHz Ant1



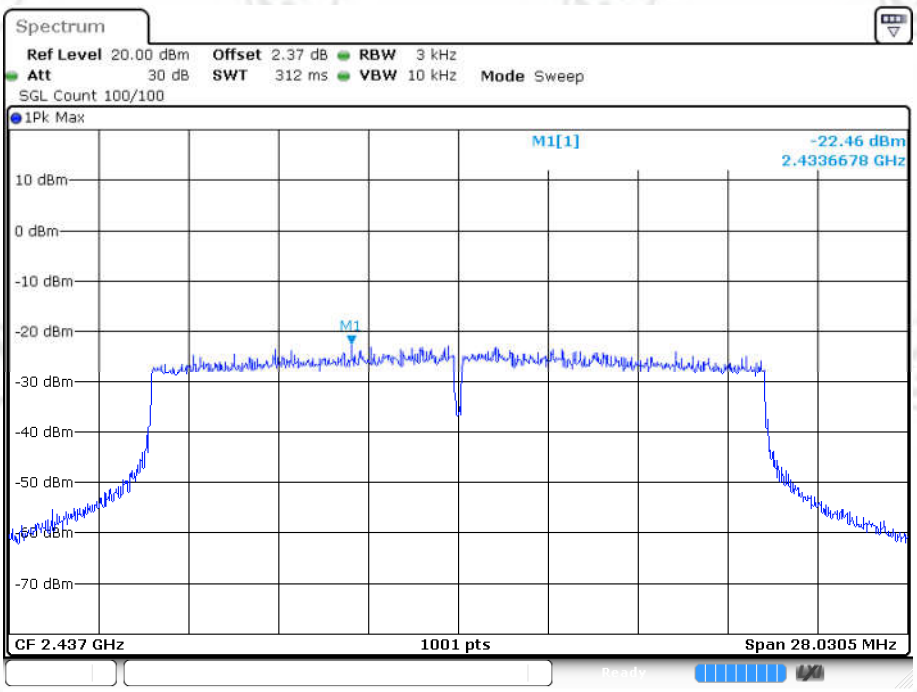
Date: 8.DEC.2024 12:37:00

PSD NVNT ax20 2412MHz Ant1



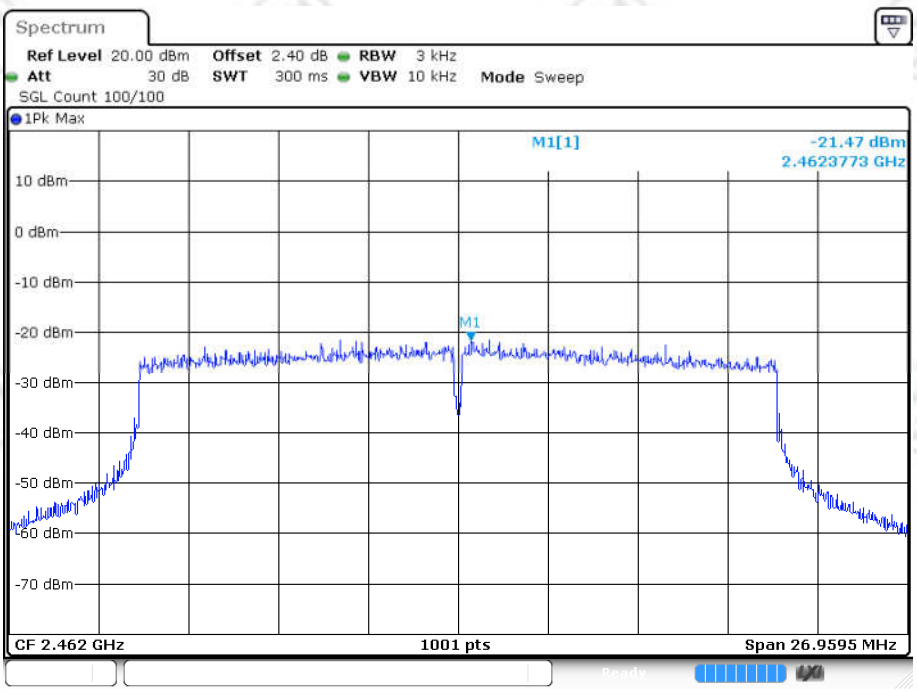
Date: 8.DEC.2024 12:39:19

PSD NVNT ax20 2437MHz Ant1



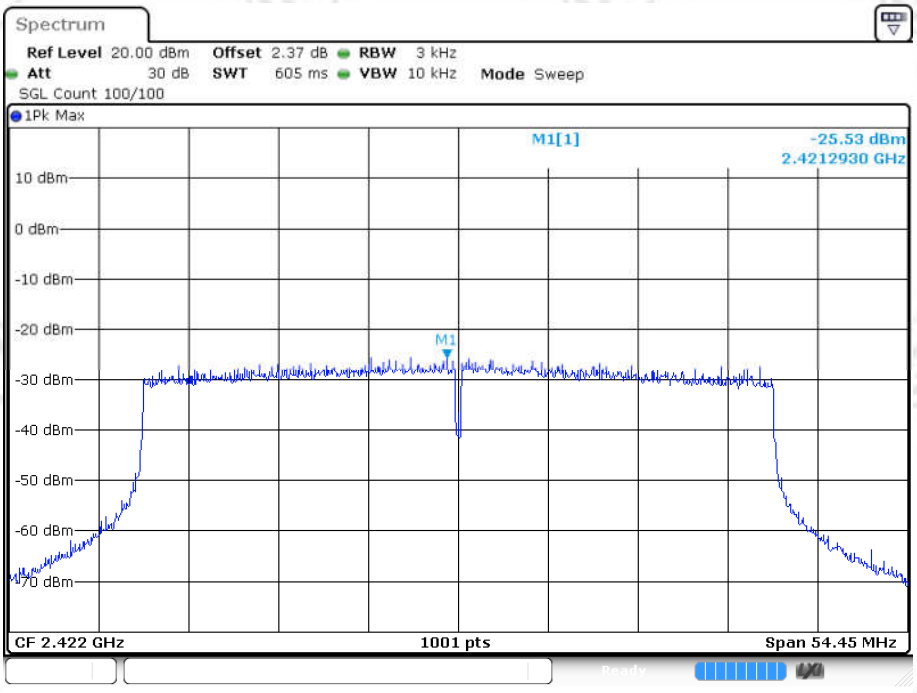
Date: 8.DEC.2024 12:43:25

PSD NVNT ax20 2462MHz Ant1



Date: 8.DEC.2024 12:48:13

PSD NVNT ax40 2422MHz Ant1



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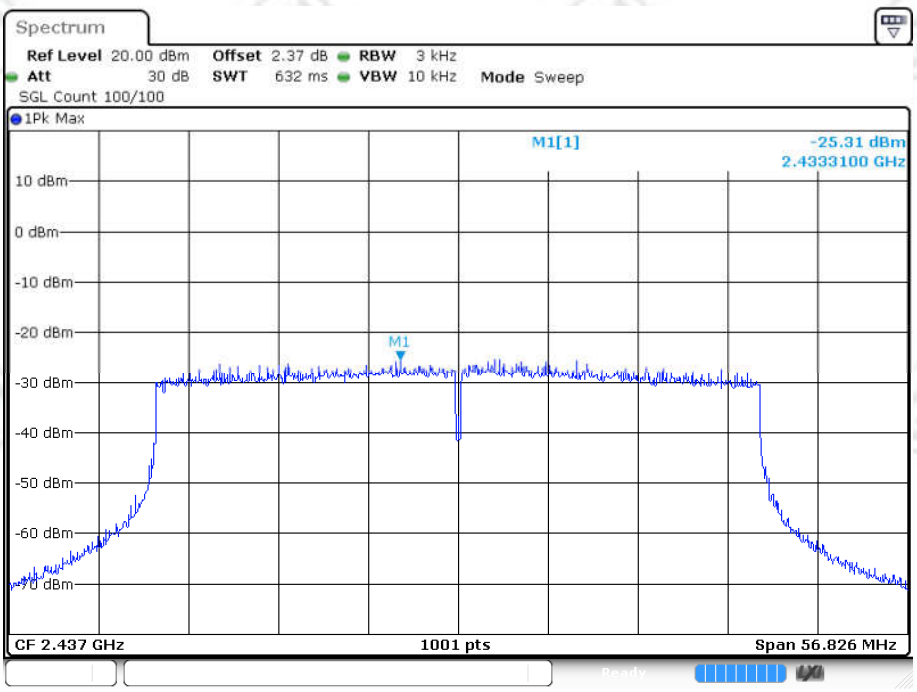
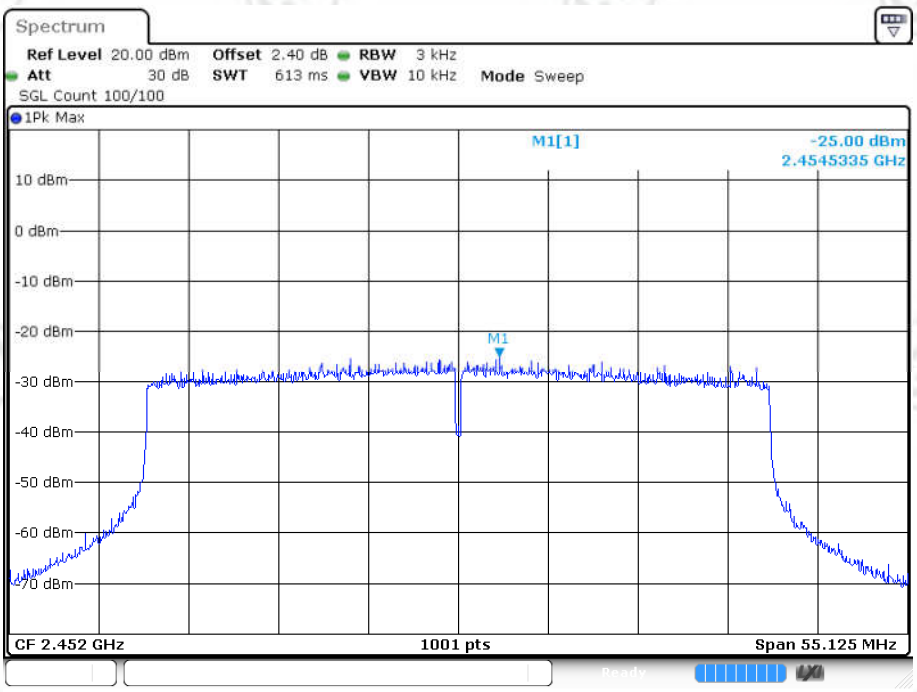
PSD NVNT ax40 2437MHz Ant1



Date: 8.DEC.2024 12:55:59

PSD NVNT ax40 2452MHz Ant1



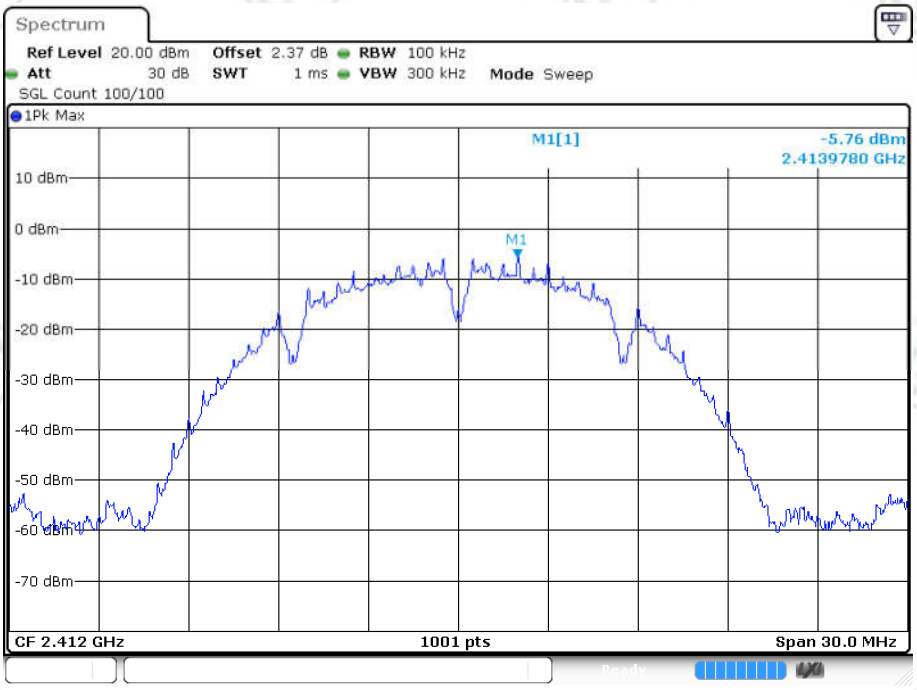
Date: 8.DEC.2024 13:06:14

Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-48.08	-20	Pass
NVNT	b	2462	Ant1	-50.78	-20	Pass
NVNT	g	2412	Ant1	-30.56	-20	Pass
NVNT	g	2462	Ant1	-44.66	-20	Pass
NVNT	n20	2412	Ant1	-28.51	-20	Pass
NVNT	n20	2462	Ant1	-44.7	-20	Pass
NVNT	n40	2422	Ant1	-33.17	-20	Pass
NVNT	n40	2452	Ant1	-43.67	-20	Pass
NVNT	ax20	2412	Ant1	-29.06	-20	Pass
NVNT	ax20	2462	Ant1	-46.18	-20	Pass
NVNT	ax40	2422	Ant1	-33.68	-20	Pass
NVNT	ax40	2452	Ant1	-43.7	-20	Pass

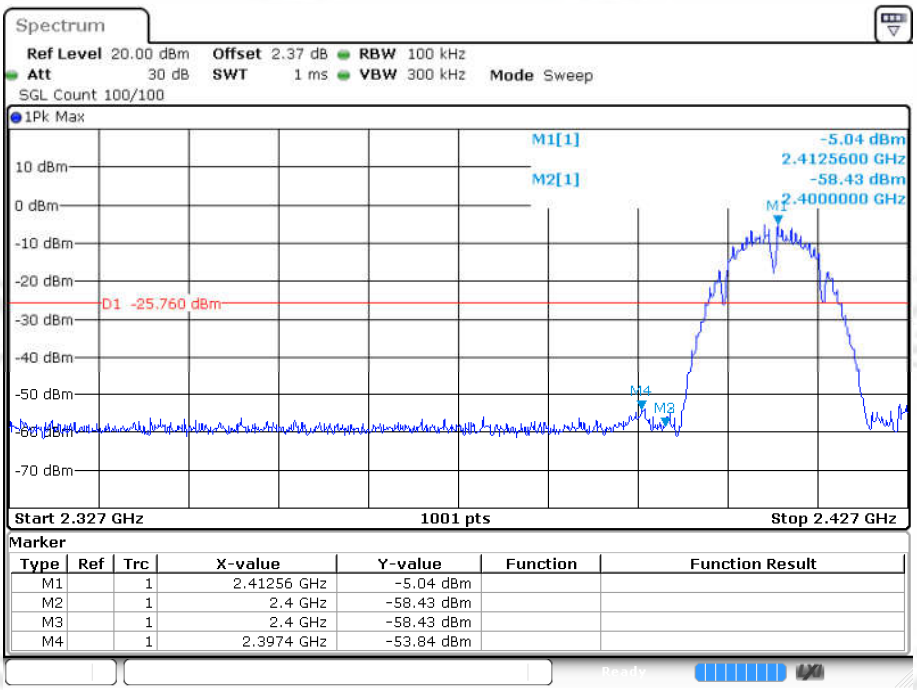
Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



Date: 8.DEC.2024 10:58:53

Band Edge NVNT b 2412MHz Ant1 Emission

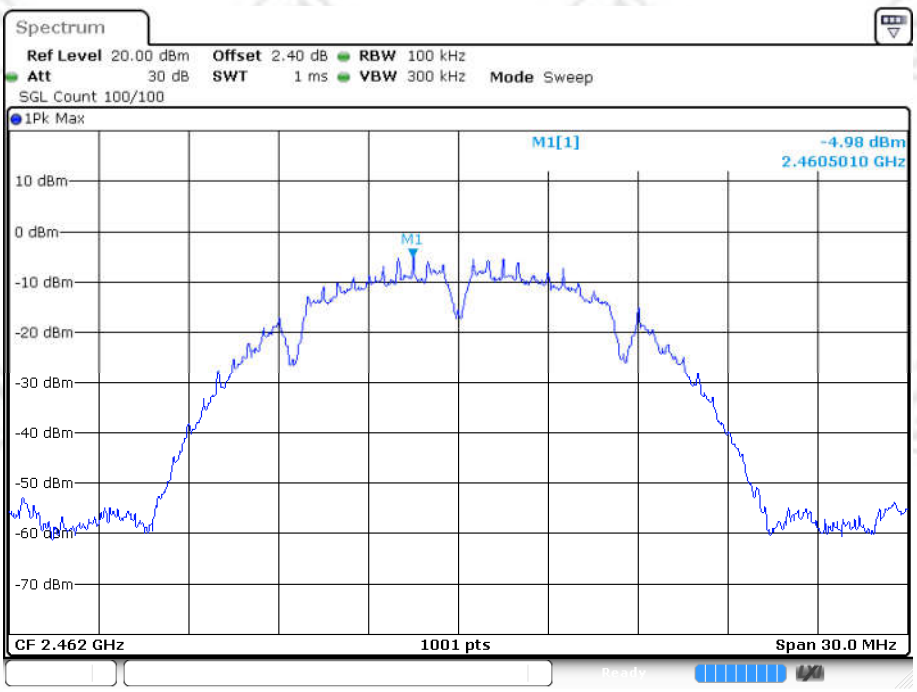


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41256 GHz	-5.04 dBm		
M2		1	2.4 GHz	-58.43 dBm		
M3		1	2.4 GHz	-58.43 dBm		
M4		1	2.3974 GHz	-53.84 dBm		

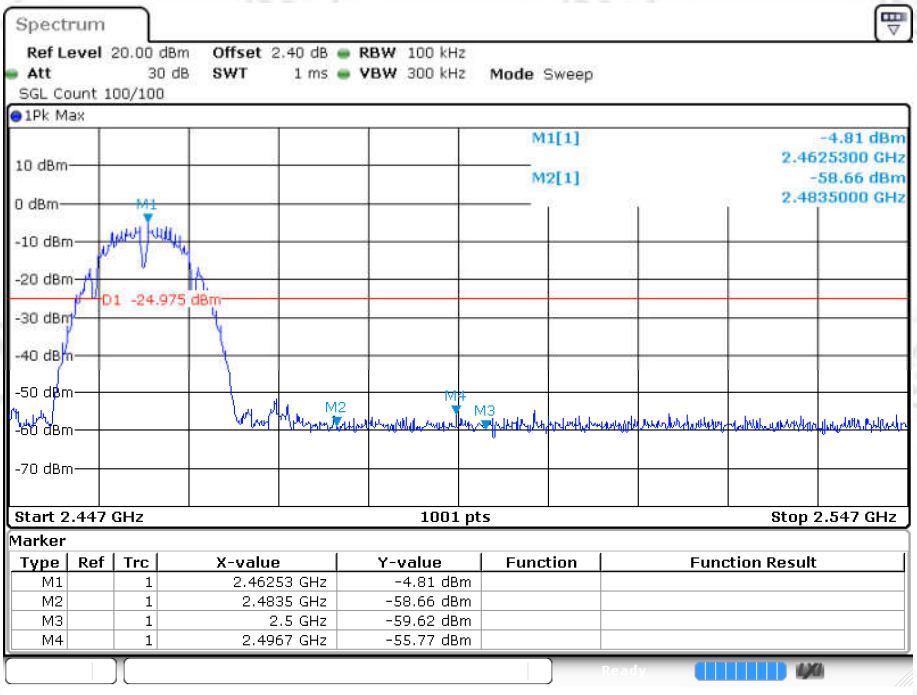
Date: 8.DEC.2024 10:58:55

Band Edge NVNT b 2462MHz Ant1 Ref



Date: 8.DEC.2024 11:02:34

Band Edge NVNT b 2462MHz Ant1 Emission

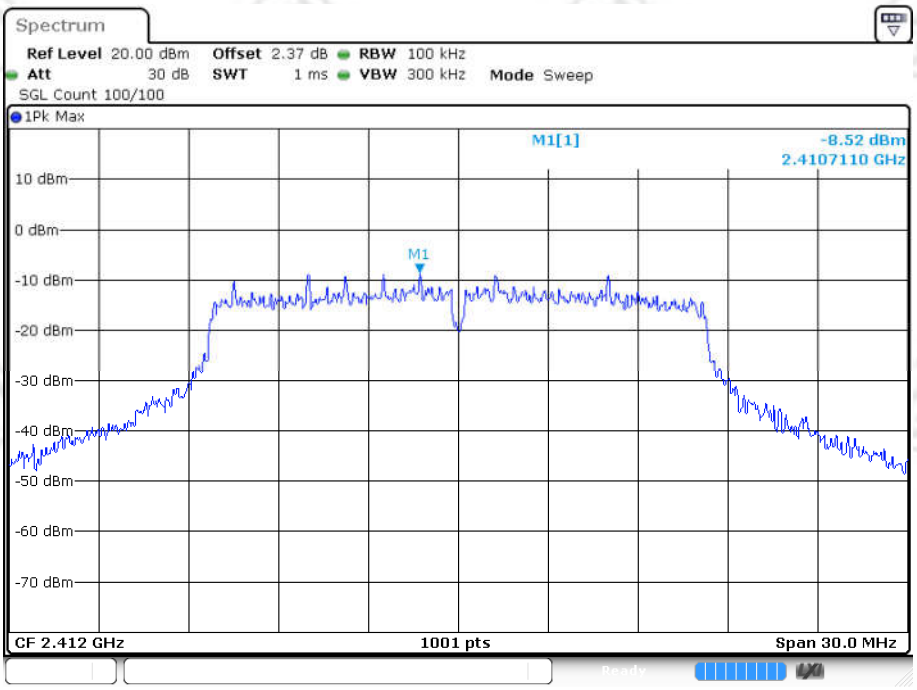


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46253 GHz	-4.81 dBm		
M2		1	2.4835 GHz	-58.66 dBm		
M3		1	2.5 GHz	-59.62 dBm		
M4		1	2.4967 GHz	-55.77 dBm		

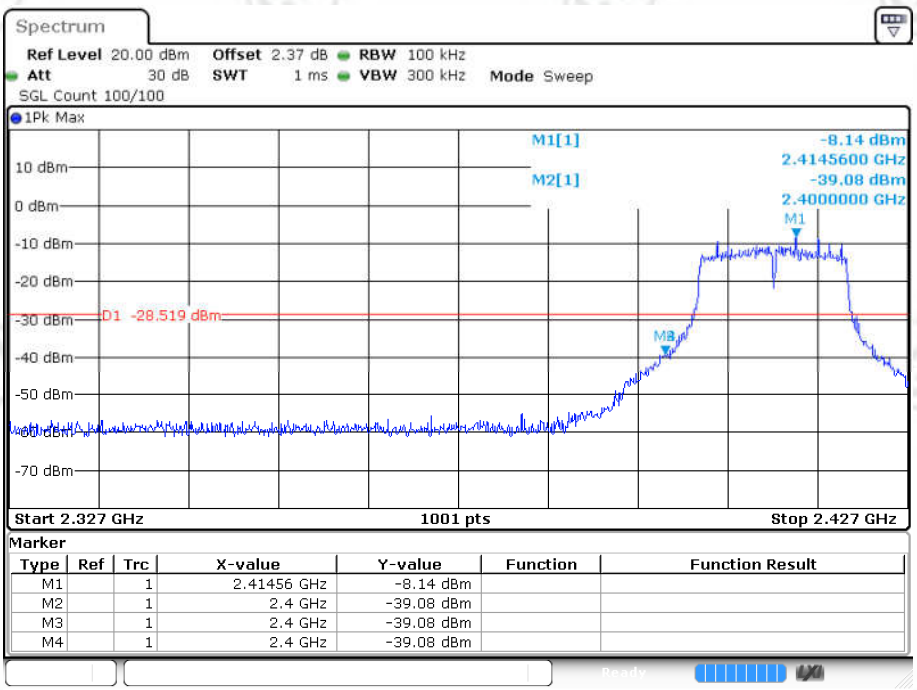
Date: 8.DEC.2024 11:02:36

Band Edge NVNT g 2412MHz Ant1 Ref



Date: 8.DEC.2024 11:04:31

Band Edge NVNT g 2412MHz Ant1 Emission

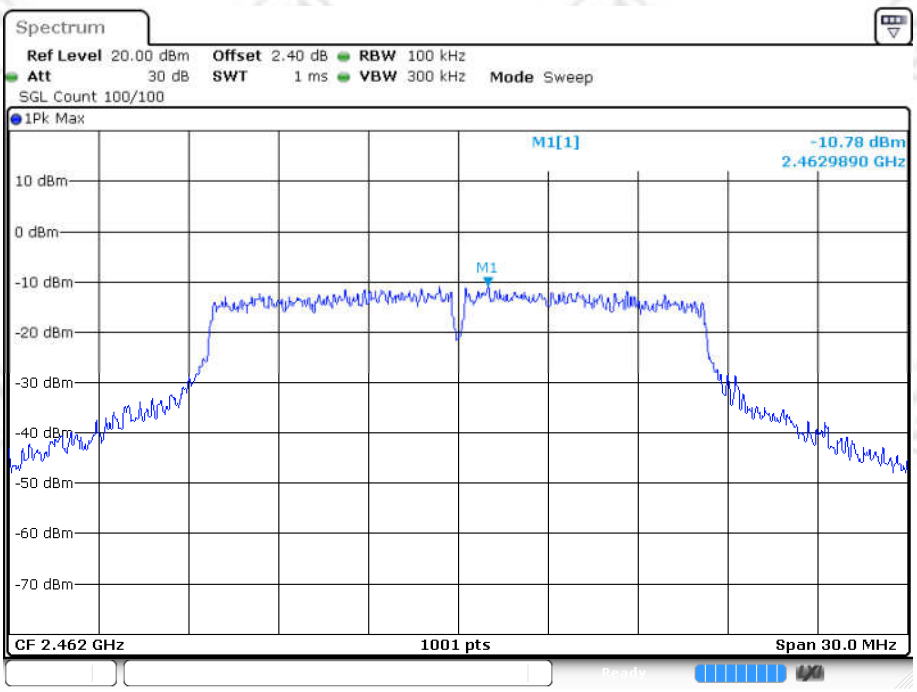


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41456 GHz	-8.14 dBm		
M2		1	2.4 GHz	-39.08 dBm		
M3		1	2.4 GHz	-39.08 dBm		
M4		1	2.4 GHz	-39.08 dBm		

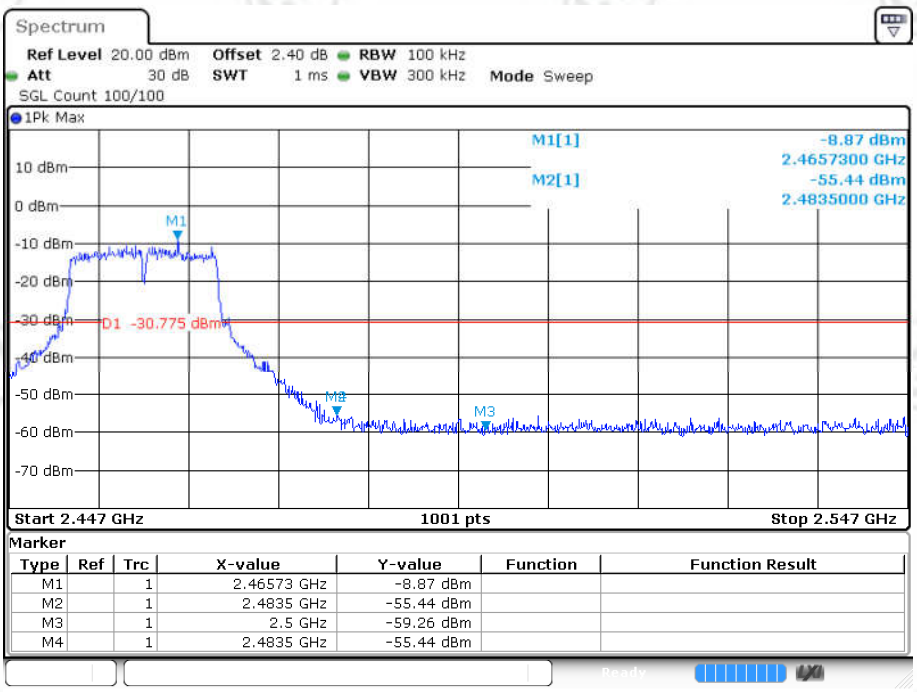
Date: 8.DEC.2024 11:04:32

Band Edge NVNT g 2462MHz Ant1 Ref



Date: 8.DEC.2024 11:08:12

Band Edge NVNT g 2462MHz Ant1 Emission

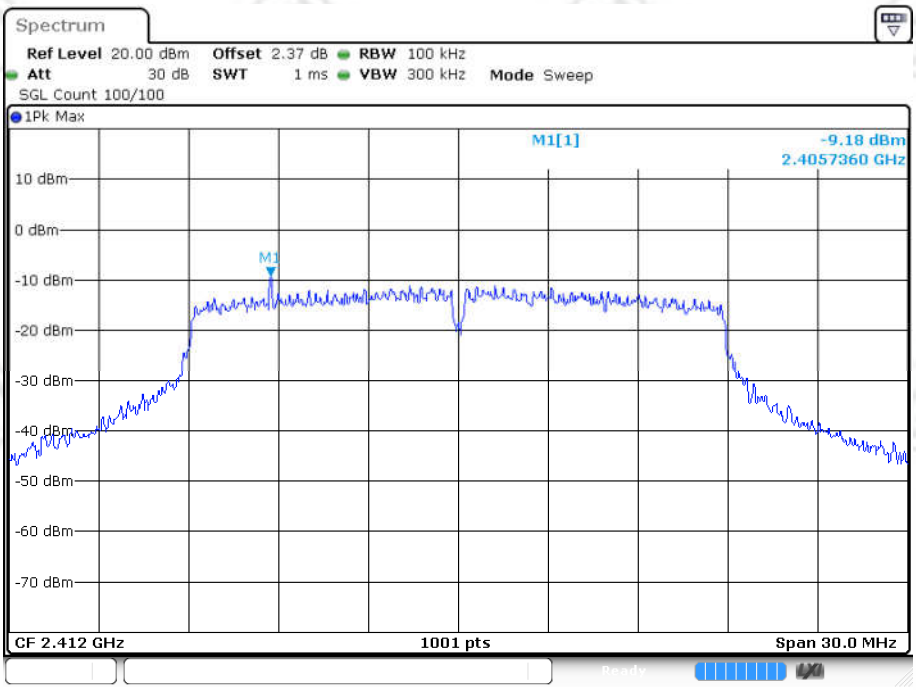


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46573 GHz	-8.87 dBm		
M2		1	2.4835 GHz	-55.44 dBm		
M3		1	2.5 GHz	-59.26 dBm		
M4		1	2.4835 GHz	-55.44 dBm		

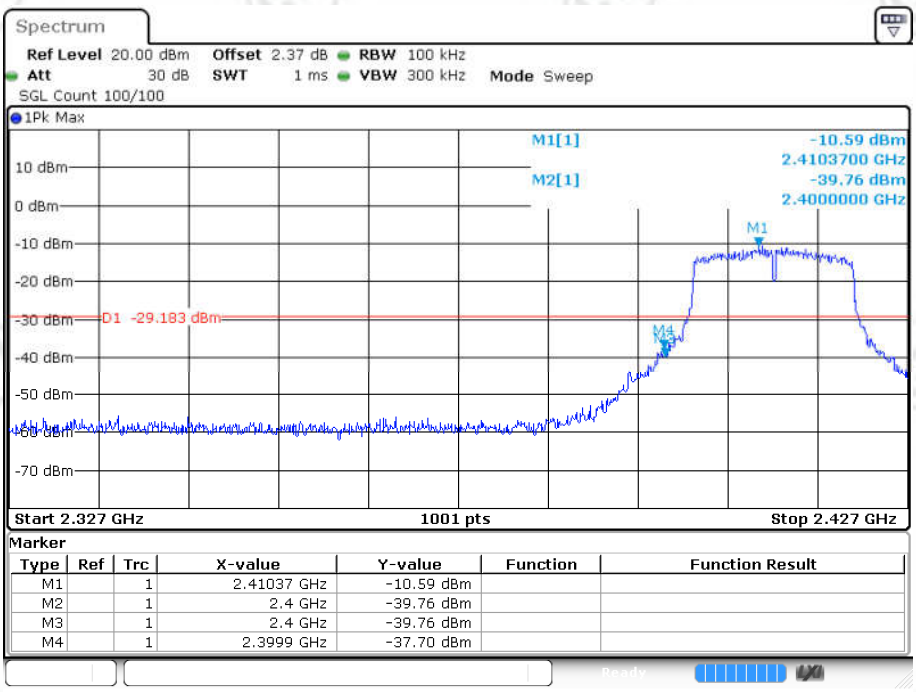
Date: 8.DEC.2024 11:08:13

Band Edge NVNT n20 2412MHz Ant1 Ref



Date: 8.DEC.2024 12:24:06

Band Edge NVNT n20 2412MHz Ant1 Emission

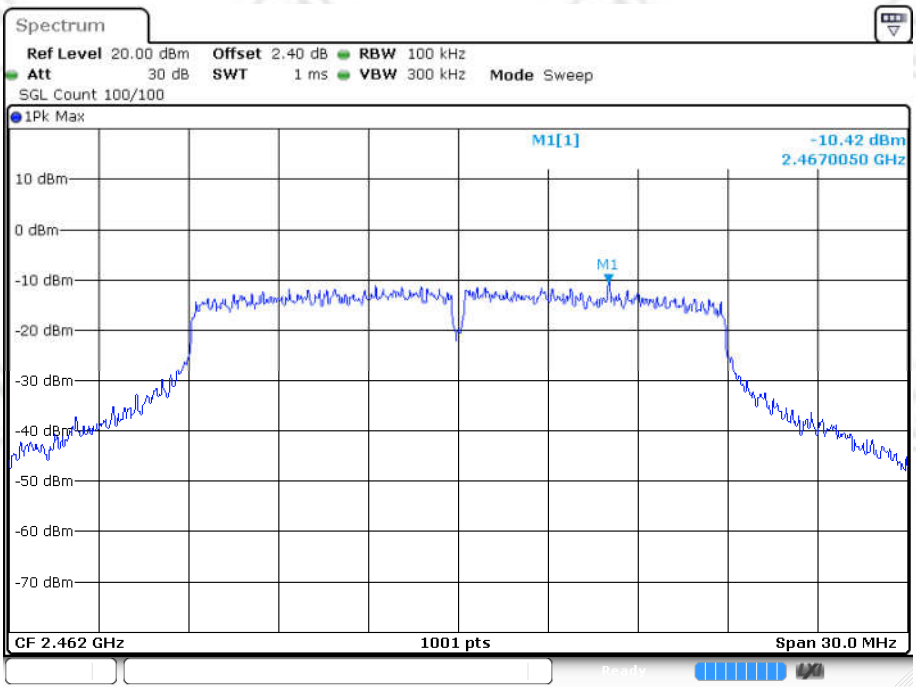


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41037 GHz	-10.59 dBm		
M2		1	2.4 GHz	-39.76 dBm		
M3		1	2.4 GHz	-39.76 dBm		
M4		1	2.3999 GHz	-37.70 dBm		

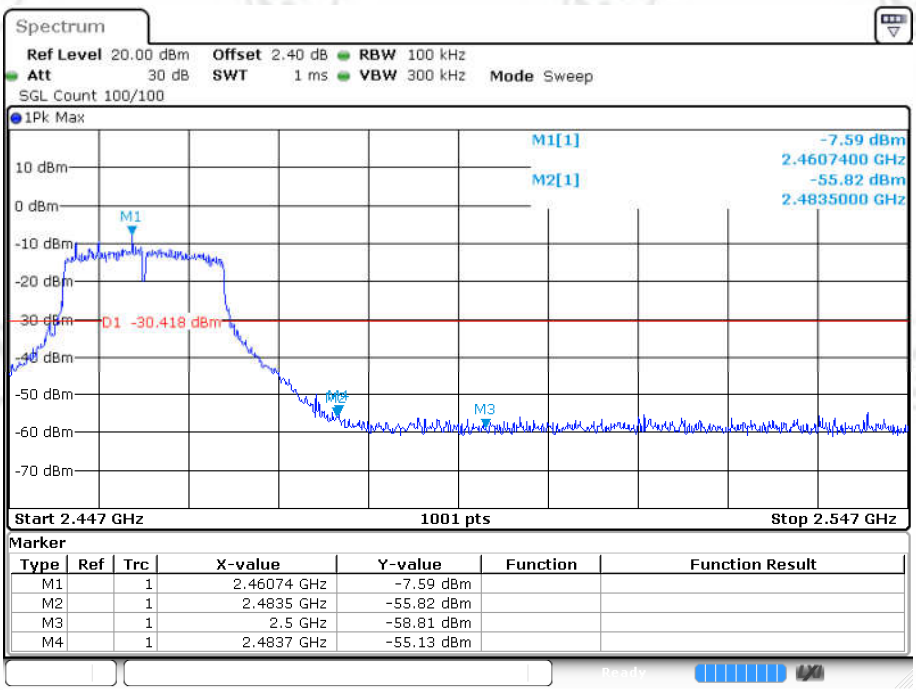
Date: 8.DEC.2024 12:24:08

Band Edge NVNT n20 2462MHz Ant1 Ref



Date: 8.DEC.2024 12:28:09

Band Edge NVNT n20 2462MHz Ant1 Emission

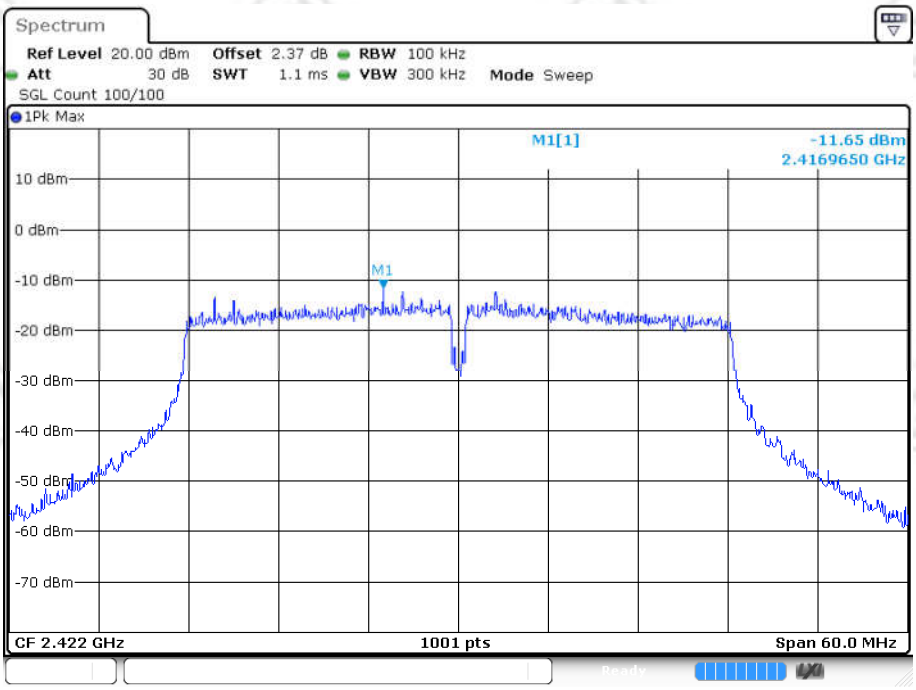


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46074 GHz	-7.59 dBm		
M2		1	2.4835 GHz	-55.82 dBm		
M3		1	2.5 GHz	-58.81 dBm		
M4		1	2.4837 GHz	-55.13 dBm		

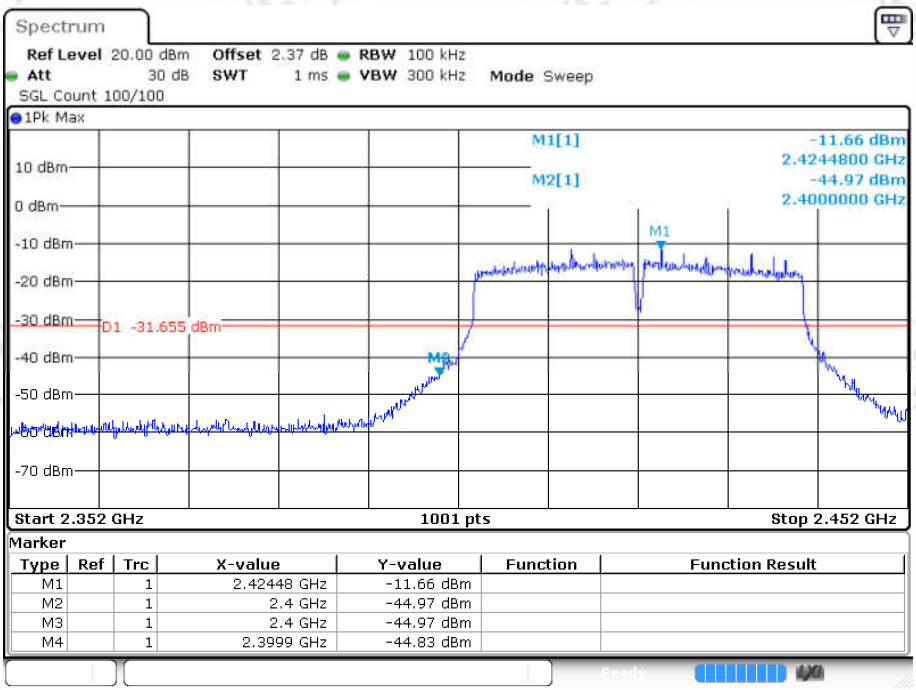
Date: 8.DEC.2024 12:28:10

Band Edge NVNT n40 2422MHz Ant1 Ref



Date: 8.DEC.2024 12:32:27

Band Edge NVNT n40 2422MHz Ant1 Emission

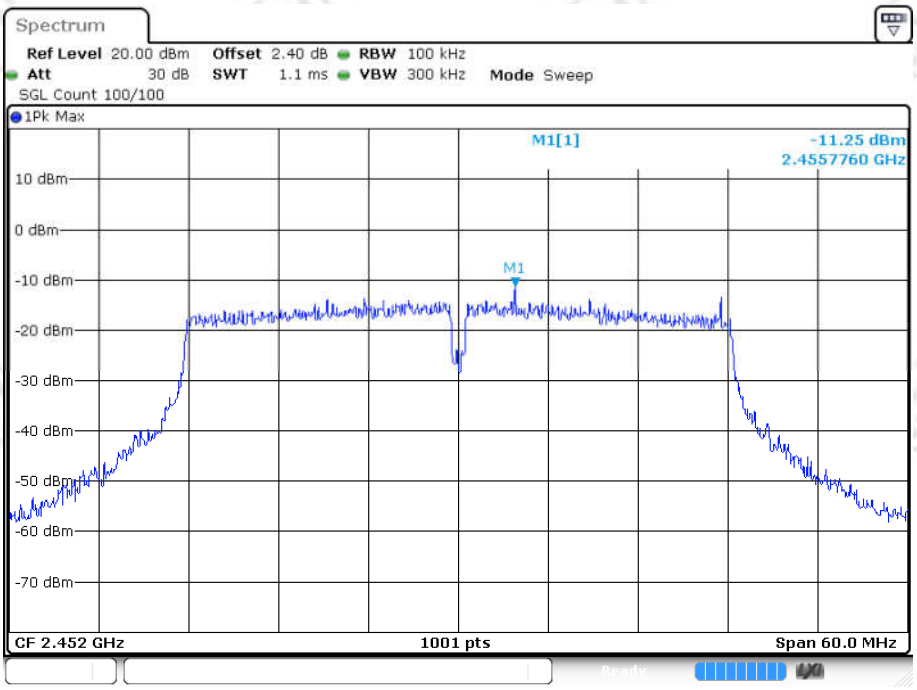


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.42448 GHz	-11.66 dBm		
M2		1	2.4 GHz	-44.97 dBm		
M3		1	2.4 GHz	-44.97 dBm		
M4		1	2.3999 GHz	-44.83 dBm		

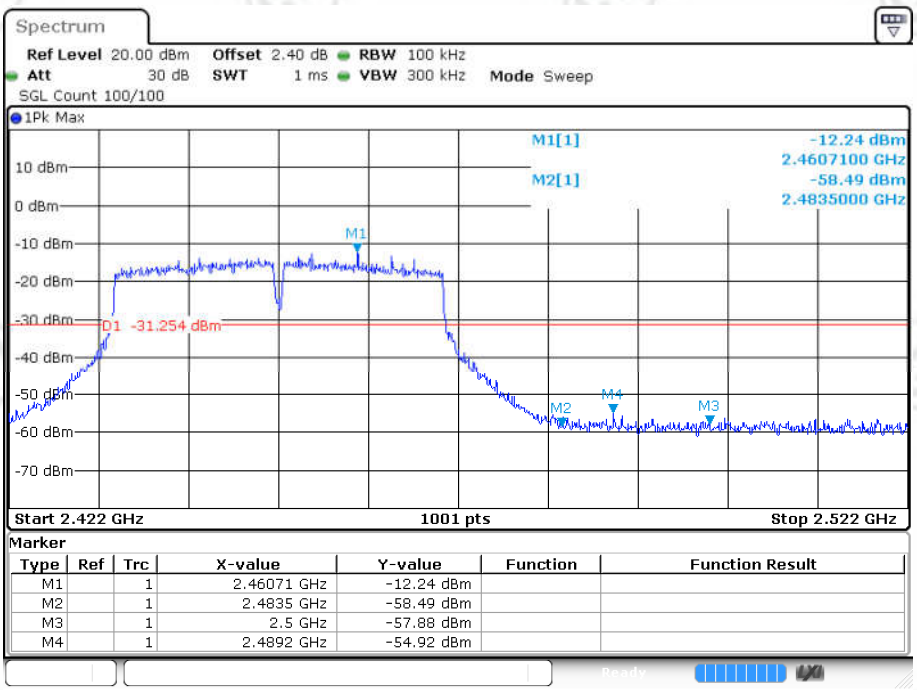
Date: 8.DEC.2024 12:32:29

Band Edge NVNT n40 2452MHz Ant1 Ref



Date: 8.DEC.2024 12:37:02

Band Edge NVNT n40 2452MHz Ant1 Emission

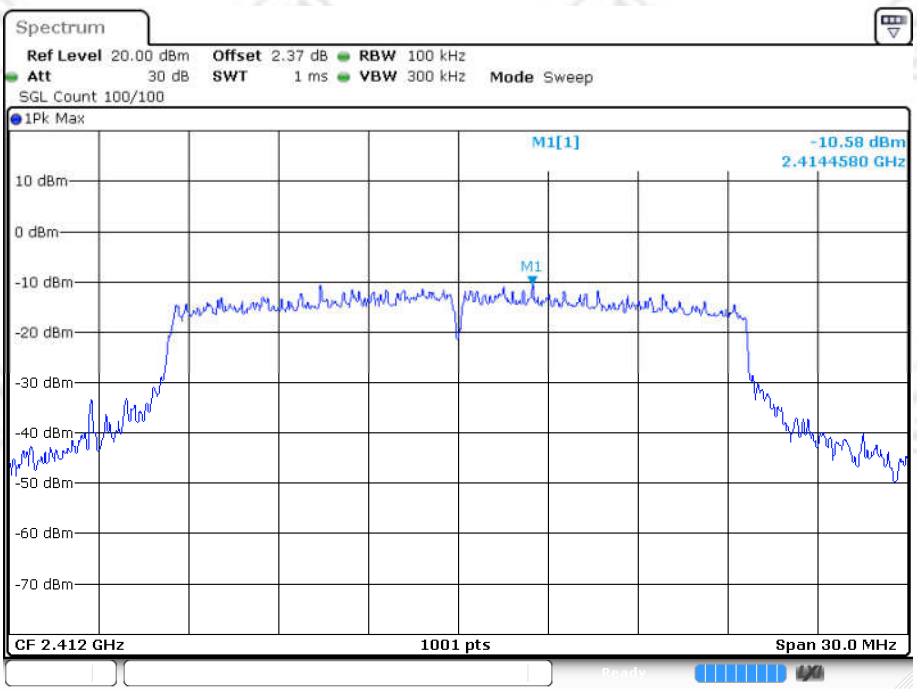


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46071 GHz	-12.24 dBm		
M2		1	2.4835 GHz	-58.49 dBm		
M3		1	2.5 GHz	-57.88 dBm		
M4		1	2.4892 GHz	-54.92 dBm		

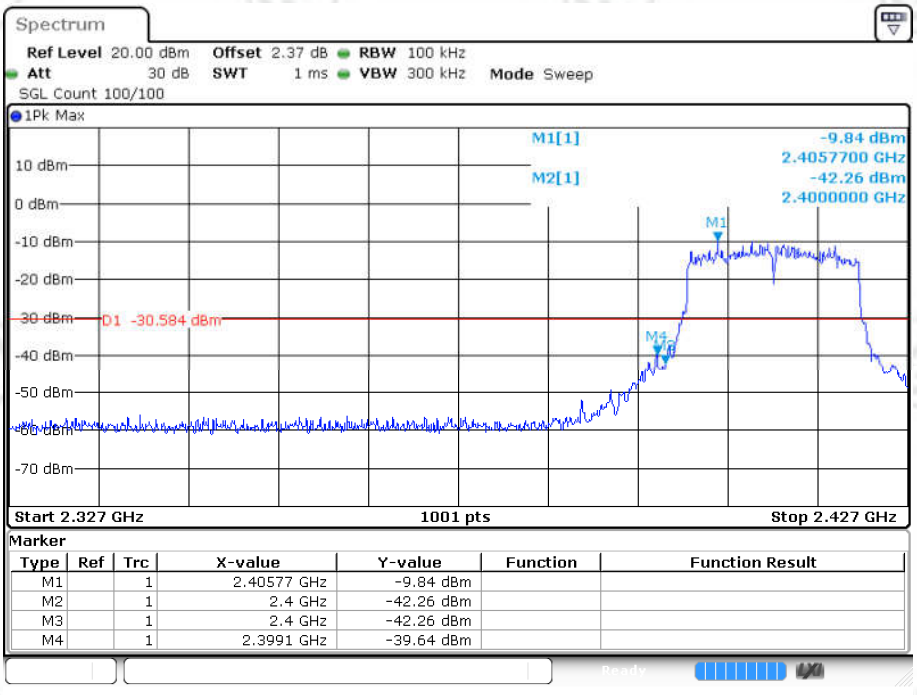
Date: 8.DEC.2024 12:37:04

Band Edge NVNT ax20 2412MHz Ant1 Ref



Date: 8.DEC.2024 12:39:23

Band Edge NVNT ax20 2412MHz Ant1 Emission

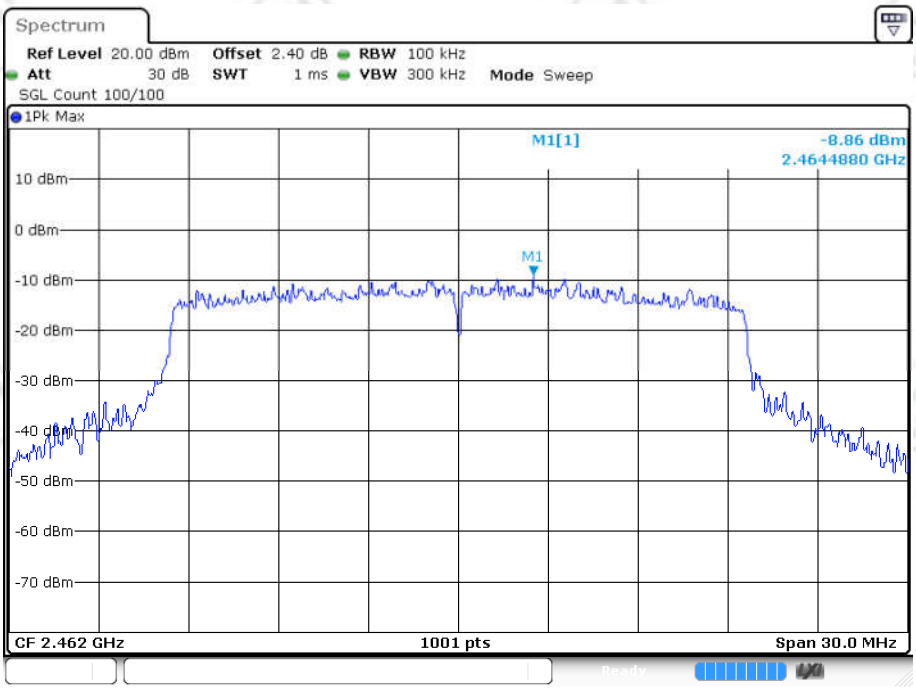


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40577 GHz	-9.84 dBm		
M2		1	2.4 GHz	-42.26 dBm		
M3		1	2.4 GHz	-42.26 dBm		
M4		1	2.3991 GHz	-39.64 dBm		

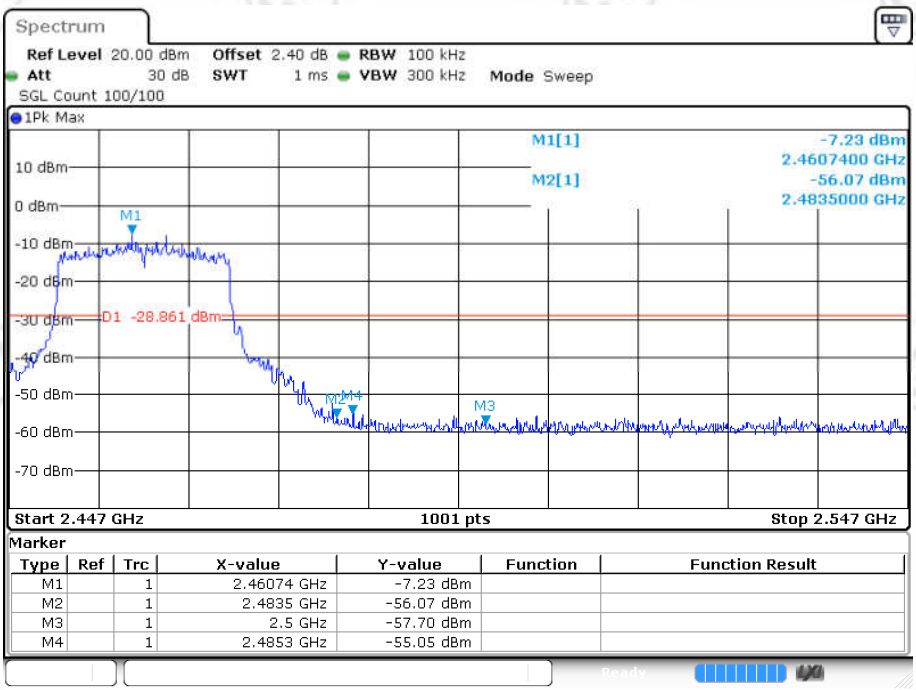
Date: 8.DEC.2024 12:39:24

Band Edge NVNT ax20 2462MHz Ant1 Ref



Date: 8.DEC.2024 12:48:17

Band Edge NVNT ax20 2462MHz Ant1 Emission

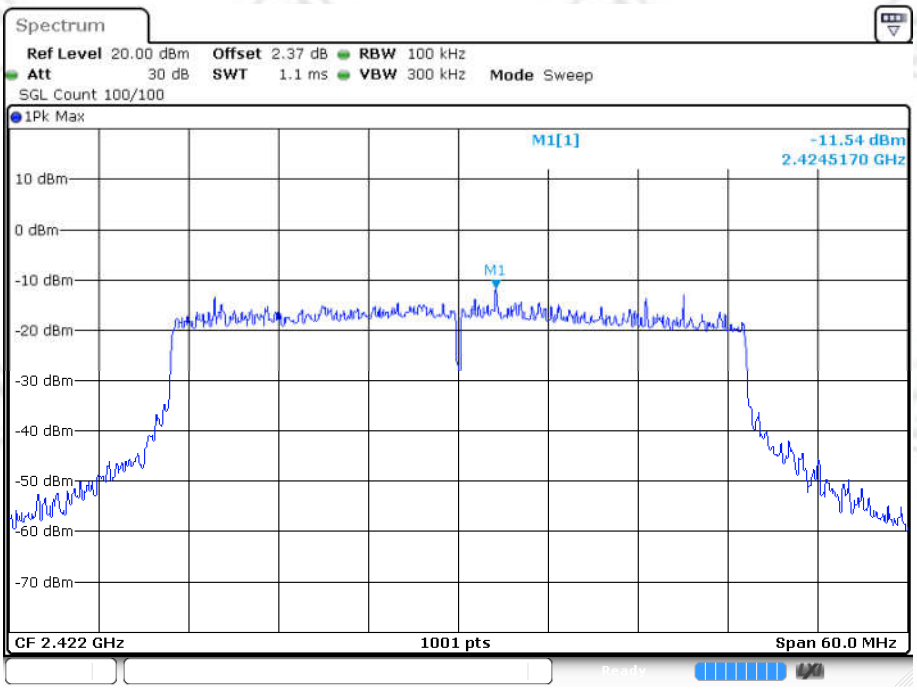


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46074 GHz	-7.23 dBm		
M2		1	2.4835 GHz	-56.07 dBm		
M3		1	2.5 GHz	-57.70 dBm		
M4		1	2.4853 GHz	-55.05 dBm		

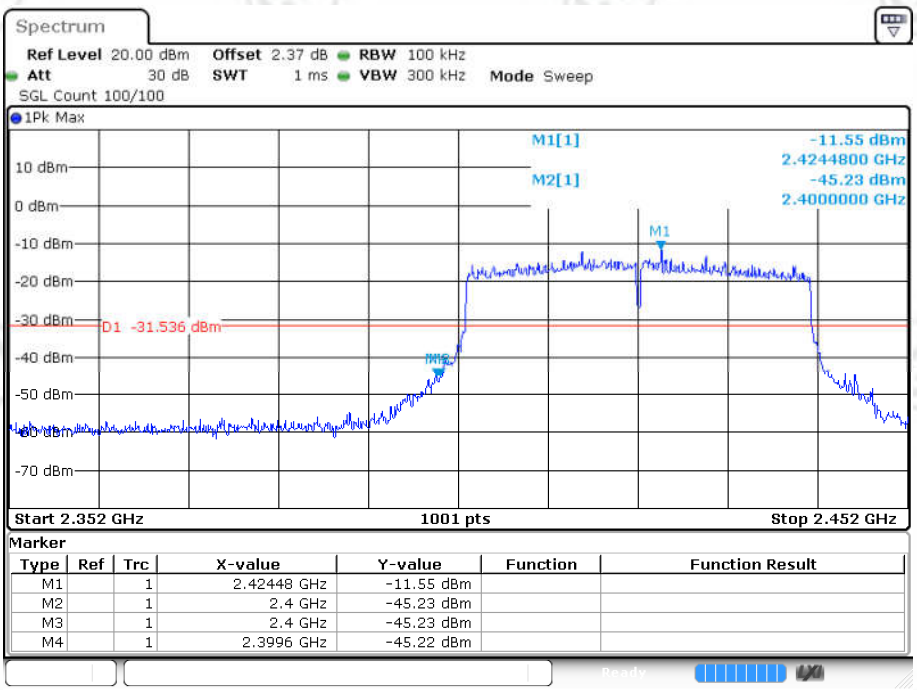
Date: 8.DEC.2024 12:48:19

Band Edge NVNT ax40 2422MHz Ant1 Ref



Date: 8.DEC.2024 12:52:25

Band Edge NVNT ax40 2422MHz Ant1 Emission

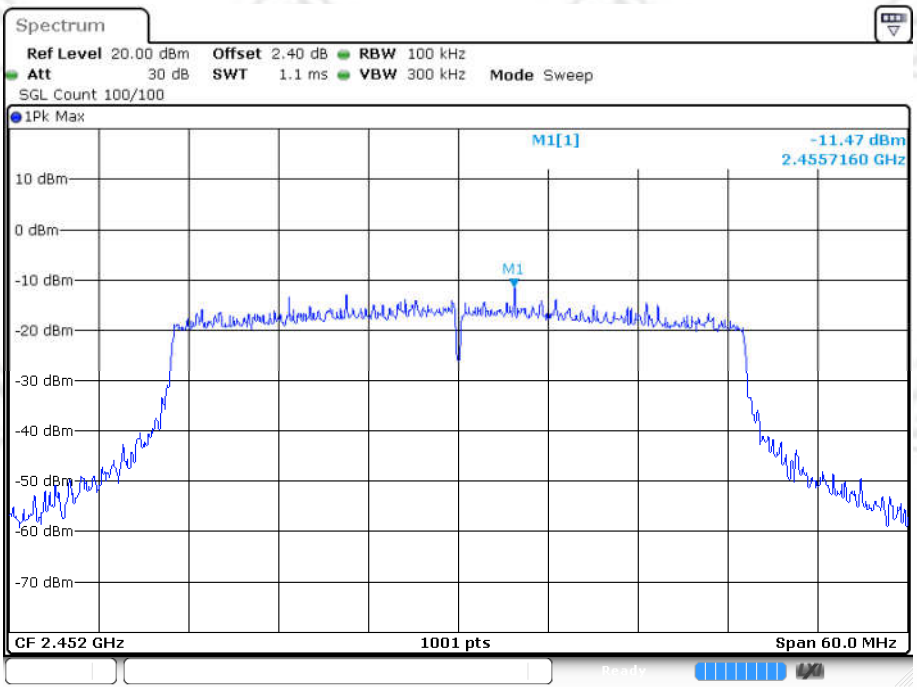


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.42448 GHz	-11.55 dBm		
M2		1	2.4 GHz	-45.23 dBm		
M3		1	2.4 GHz	-45.23 dBm		
M4		1	2.3996 GHz	-45.22 dBm		

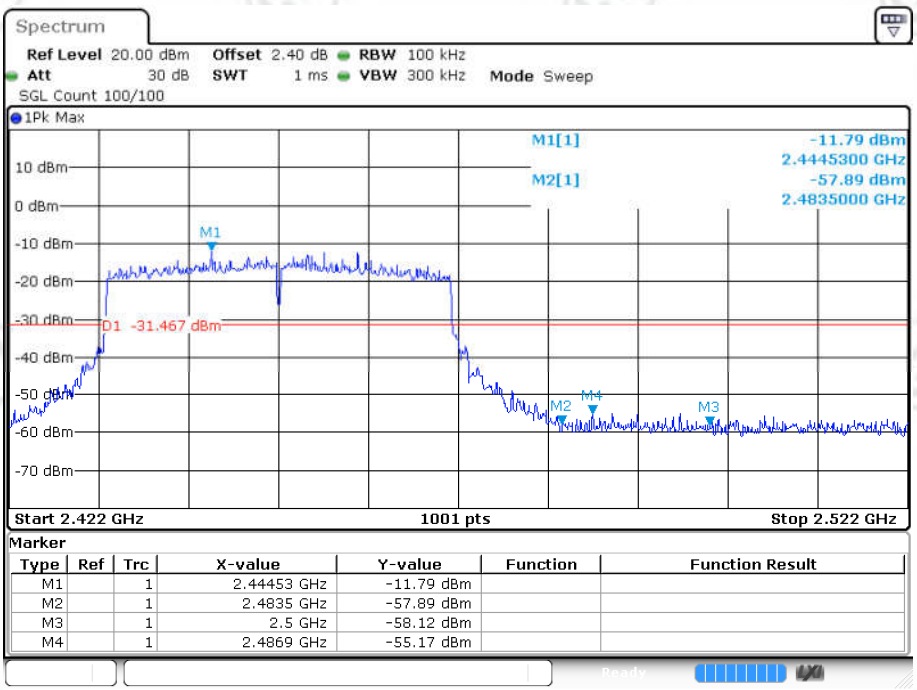
Date: 8.DEC.2024 12:52:27

Band Edge NVNT ax40 2452MHz Ant1 Ref



Date: 8.DEC.2024 13:07:47

Band Edge NVNT ax40 2452MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44453 GHz	-11.79 dBm		
M2		1	2.4835 GHz	-57.89 dBm		
M3		1	2.5 GHz	-58.12 dBm		
M4		1	2.4869 GHz	-55.17 dBm		

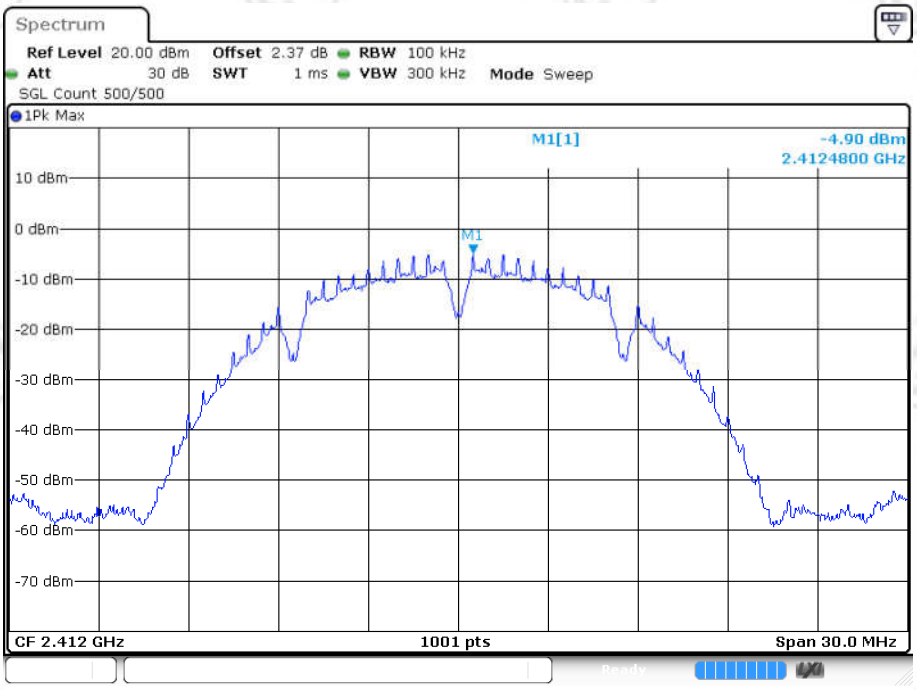
Date: 8.DEC.2024 13:07:49

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-44.91	-20	Pass
NVNT	b	2437	Ant1	-44.7	-20	Pass
NVNT	b	2462	Ant1	-43.98	-20	Pass
NVNT	g	2412	Ant1	-41.22	-20	Pass
NVNT	g	2437	Ant1	-39.65	-20	Pass
NVNT	g	2462	Ant1	-40.82	-20	Pass
NVNT	n20	2412	Ant1	-41.41	-20	Pass
NVNT	n20	2437	Ant1	-40.45	-20	Pass
NVNT	n20	2462	Ant1	-40.62	-20	Pass
NVNT	n40	2422	Ant1	-38.11	-20	Pass
NVNT	n40	2437	Ant1	-37.81	-20	Pass
NVNT	n40	2452	Ant1	-38.28	-20	Pass
NVNT	ax20	2412	Ant1	-41.46	-20	Pass
NVNT	ax20	2437	Ant1	-41.32	-20	Pass
NVNT	ax20	2462	Ant1	-42.06	-20	Pass
NVNT	ax40	2422	Ant1	-38.03	-20	Pass
NVNT	ax40	2437	Ant1	-39.07	-20	Pass
NVNT	ax40	2452	Ant1	-38.14	-20	Pass

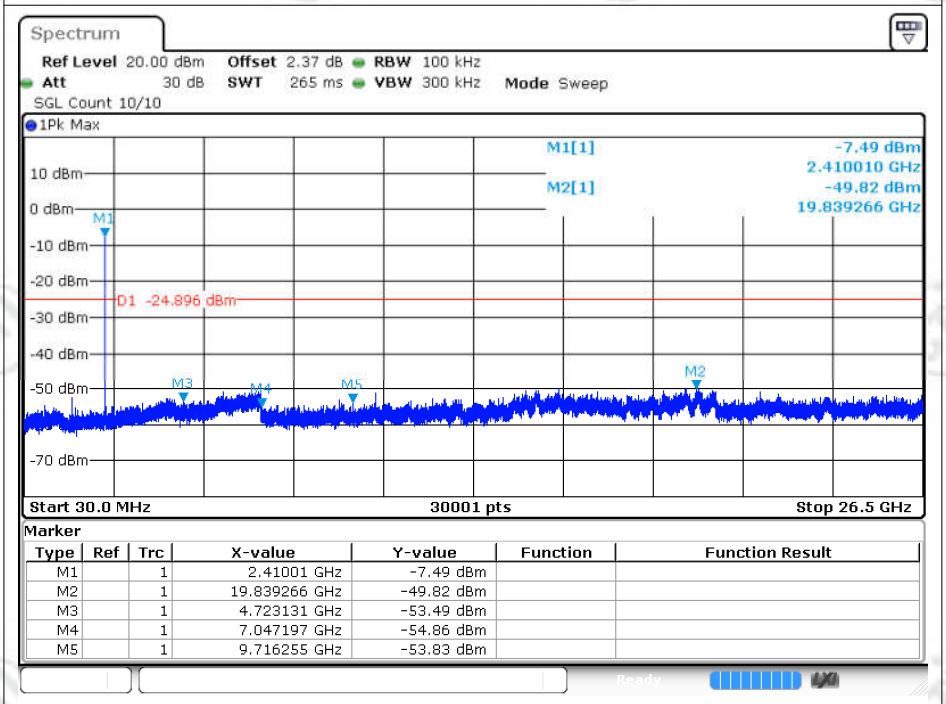
Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



Date: 8.DEC.2024 10:59:03

Tx. Spurious NVNT b 2412MHz Ant1 Emission

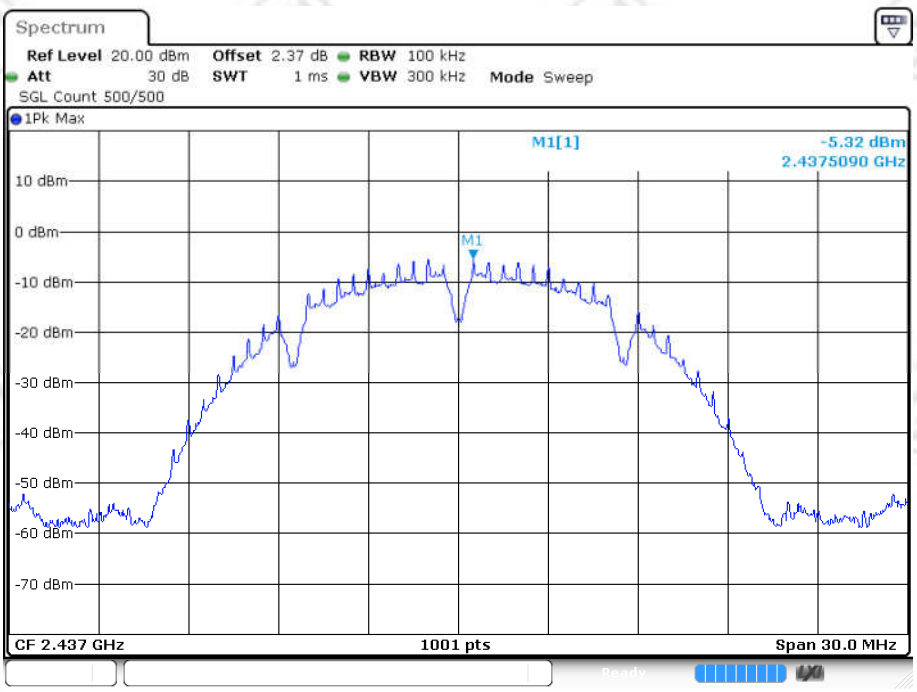


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41001 GHz	-7.49 dBm		
M2		1	19.839266 GHz	-49.82 dBm		
M3		1	4.723131 GHz	-53.49 dBm		
M4		1	7.047197 GHz	-54.86 dBm		
M5		1	9.716255 GHz	-53.83 dBm		

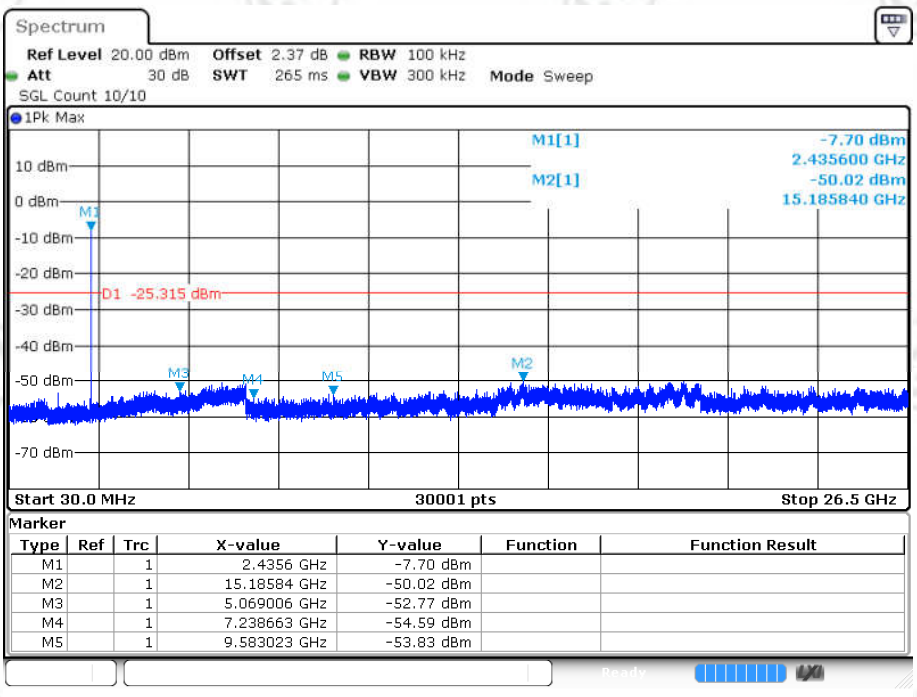
Date: 8.DEC.2024 10:59:14

Tx. Spurious NVNT b 2437MHz Ant1 Ref



Date: 8.DEC.2024 11:00:10

Tx. Spurious NVNT b 2437MHz Ant1 Emission

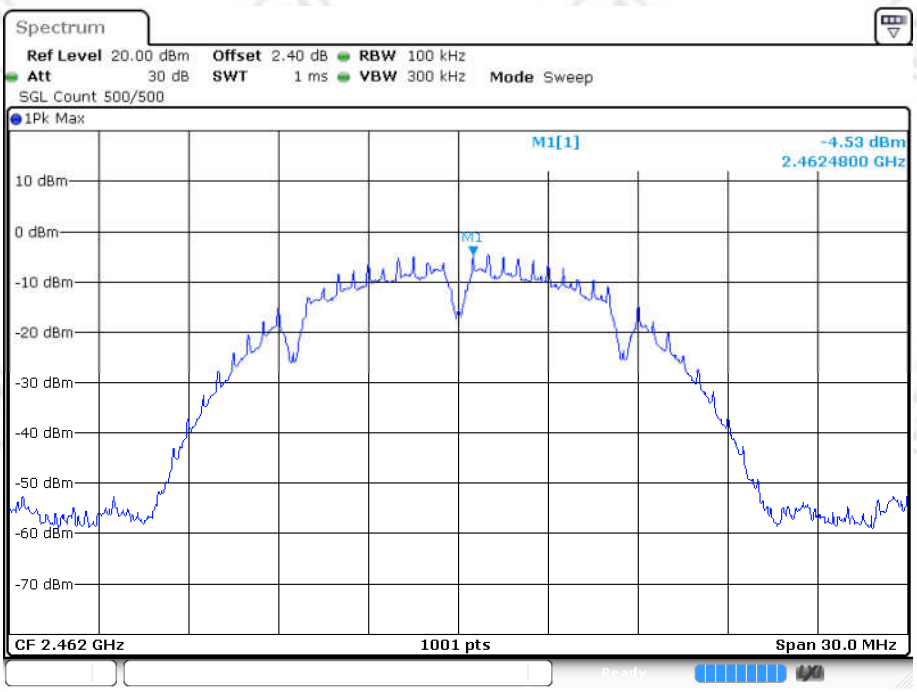


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4356 GHz	-7.70 dBm		
M2		1	15.18584 GHz	-50.02 dBm		
M3		1	5.069006 GHz	-52.77 dBm		
M4		1	7.238663 GHz	-54.59 dBm		
M5		1	9.583023 GHz	-53.83 dBm		

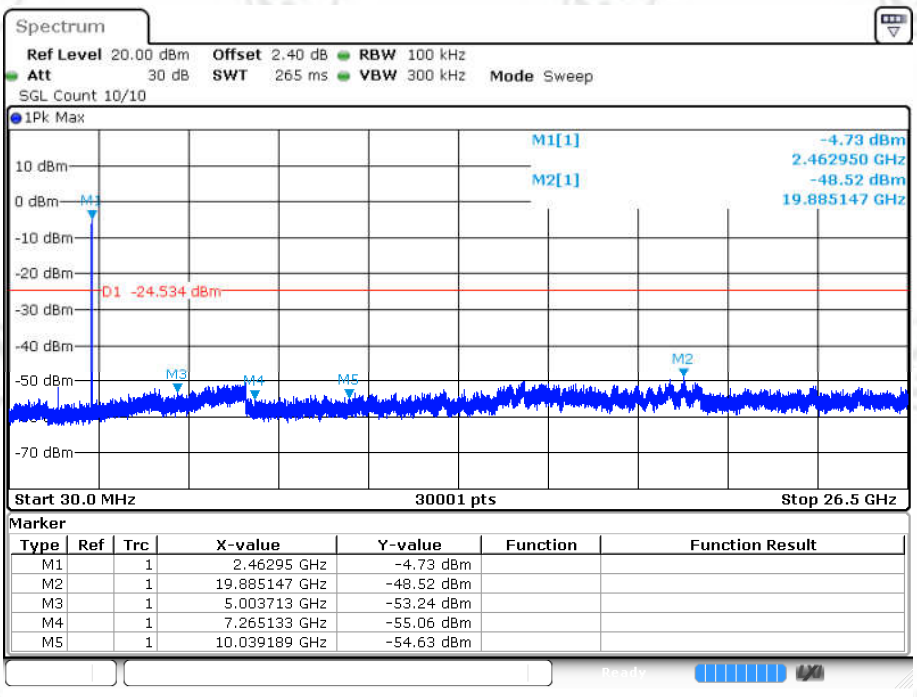
Date: 8.DEC.2024 11:00:21

Tx. Spurious NVNT b 2462MHz Ant1 Ref



Date: 8.DEC.2024 11:02:46

Tx. Spurious NVNT b 2462MHz Ant1 Emission

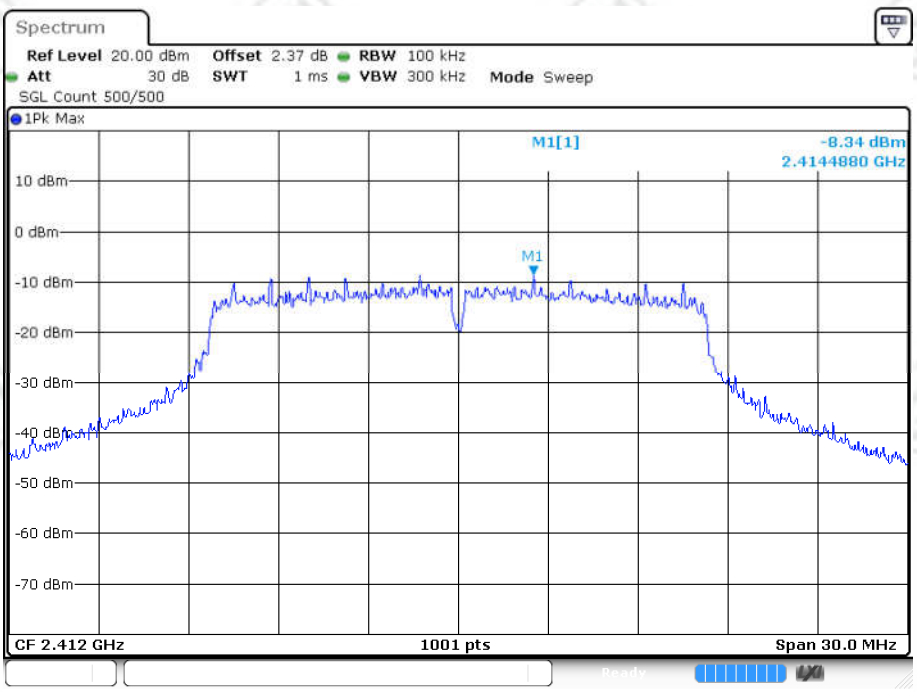


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46295 GHz	-4.73 dBm		
M2		1	19.885147 GHz	-48.52 dBm		
M3		1	5.003713 GHz	-53.24 dBm		
M4		1	7.265133 GHz	-55.06 dBm		
M5		1	10.039189 GHz	-54.63 dBm		

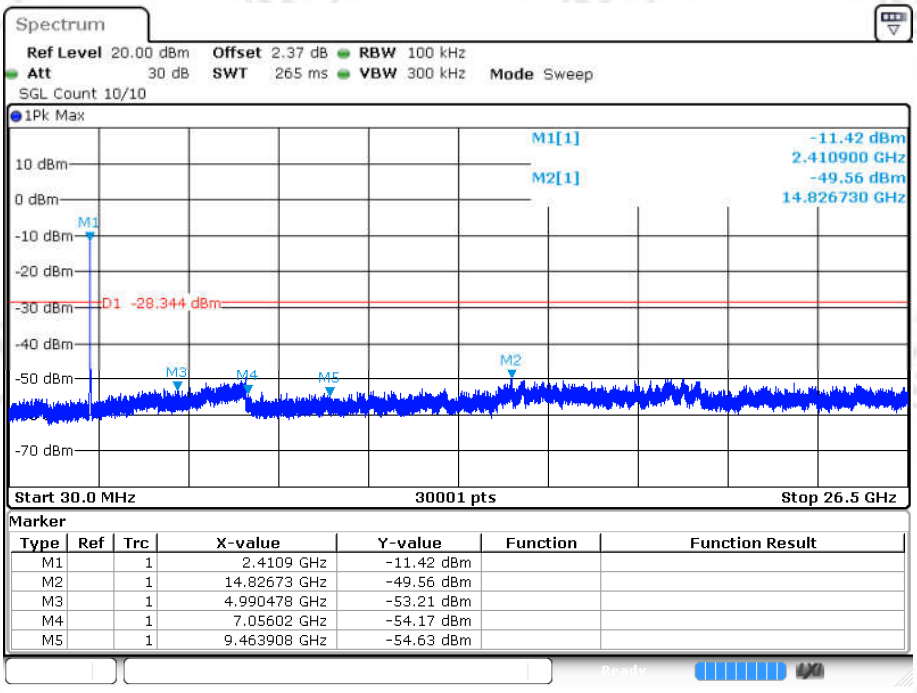
Date: 8.DEC.2024 11:02:57

Tx. Spurious NVNT g 2412MHz Ant1 Ref



Date: 8.DEC.2024 11:04:40

Tx. Spurious NVNT g 2412MHz Ant1 Emission

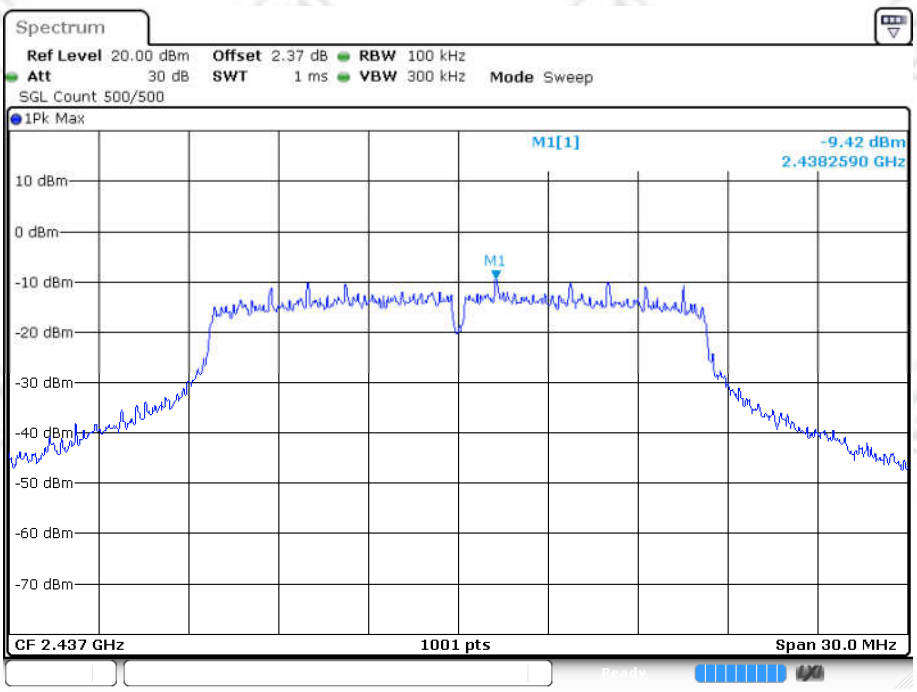


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4109 GHz	-11.42 dBm		
M2		1	14.82673 GHz	-49.56 dBm		
M3		1	4.990478 GHz	-53.21 dBm		
M4		1	7.05602 GHz	-54.17 dBm		
M5		1	9.463908 GHz	-54.63 dBm		

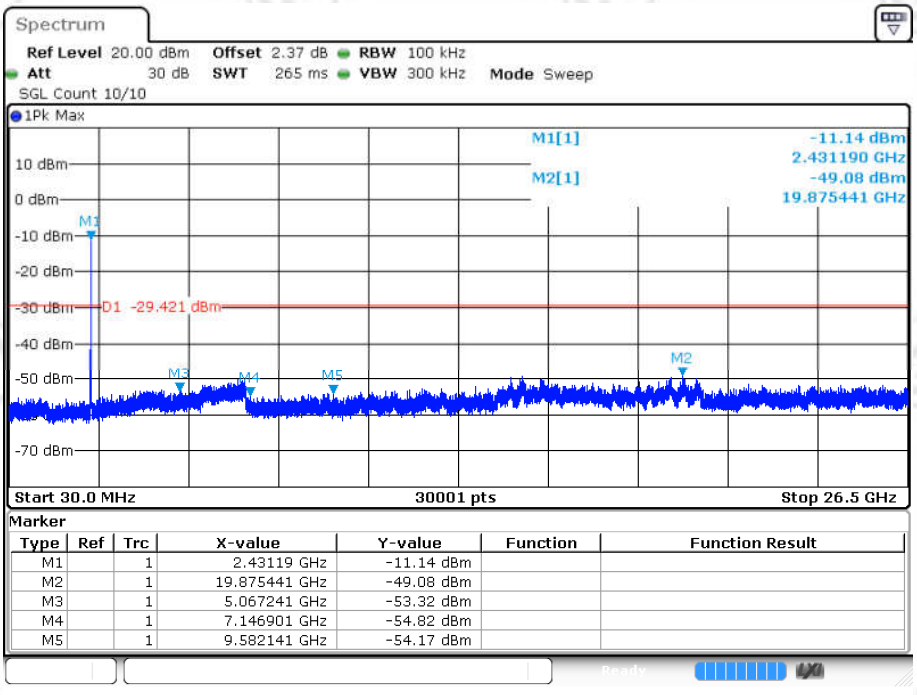
Date: 8.DEC.2024 11:04:52

Tx. Spurious NVNT g 2437MHz Ant1 Ref



Date: 8.DEC.2024 11:05:41

Tx. Spurious NVNT g 2437MHz Ant1 Emission

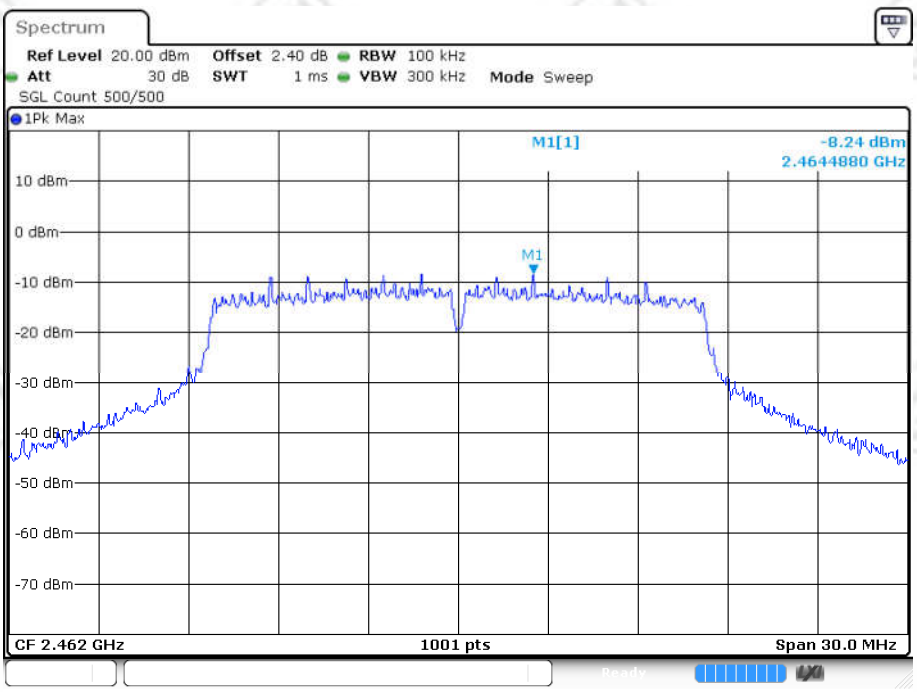


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43119 GHz	-11.14 dBm		
M2		1	19.875441 GHz	-49.08 dBm		
M3		1	5.067241 GHz	-53.32 dBm		
M4		1	7.146901 GHz	-54.82 dBm		
M5		1	9.582141 GHz	-54.17 dBm		

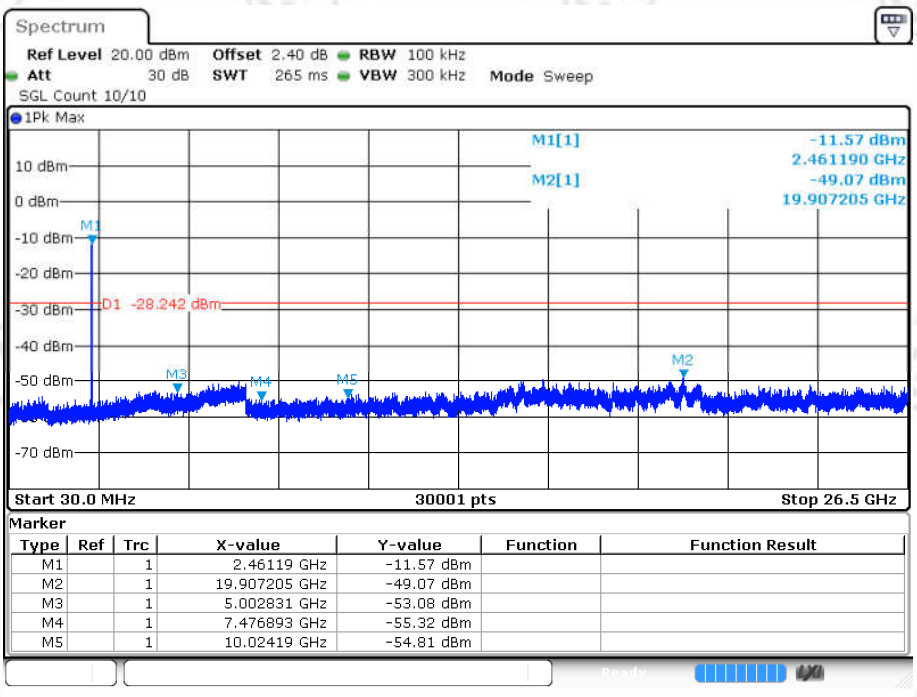
Date: 8.DEC.2024 11:05:53

Tx. Spurious NVNT g 2462MHz Ant1 Ref



Date: 8.DEC.2024 11:08:28

Tx. Spurious NVNT g 2462MHz Ant1 Emission

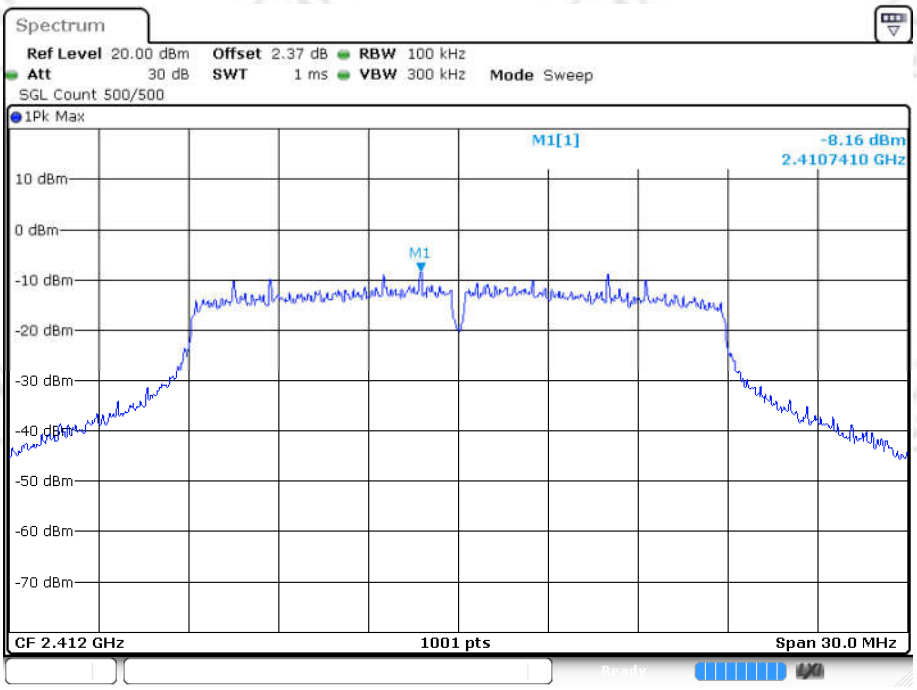


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46119 GHz	-11.57 dBm		
M2		1	19.907205 GHz	-49.07 dBm		
M3		1	5.002831 GHz	-53.08 dBm		
M4		1	7.476893 GHz	-55.32 dBm		
M5		1	10.02419 GHz	-54.81 dBm		

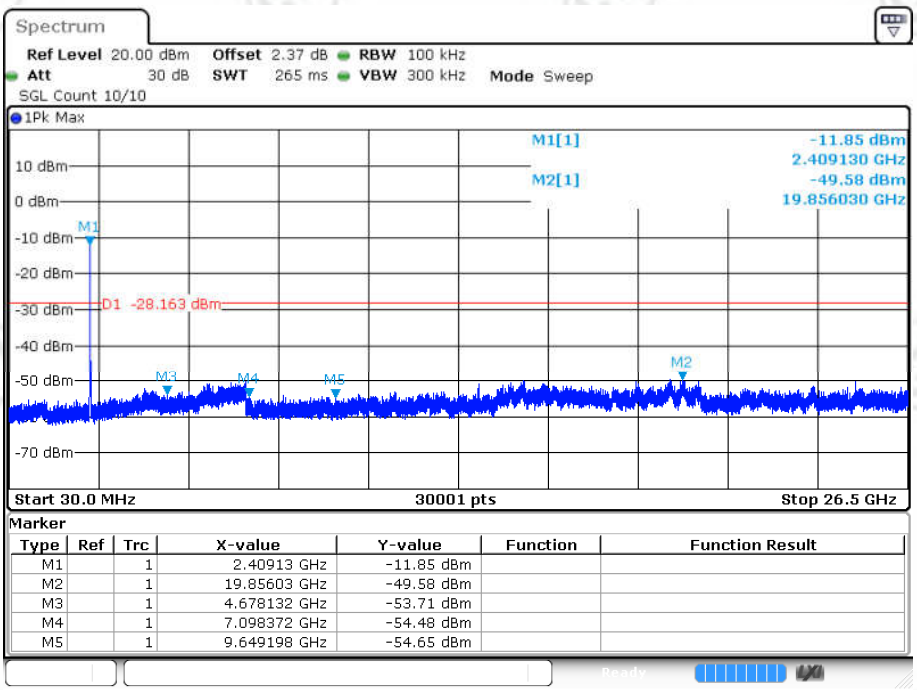
Date: 8.DEC.2024 11:08:39

Tx. Spurious NVNT n20 2412MHz Ant1 Ref



Date: 8.DEC.2024 12:24:16

Tx. Spurious NVNT n20 2412MHz Ant1 Emission

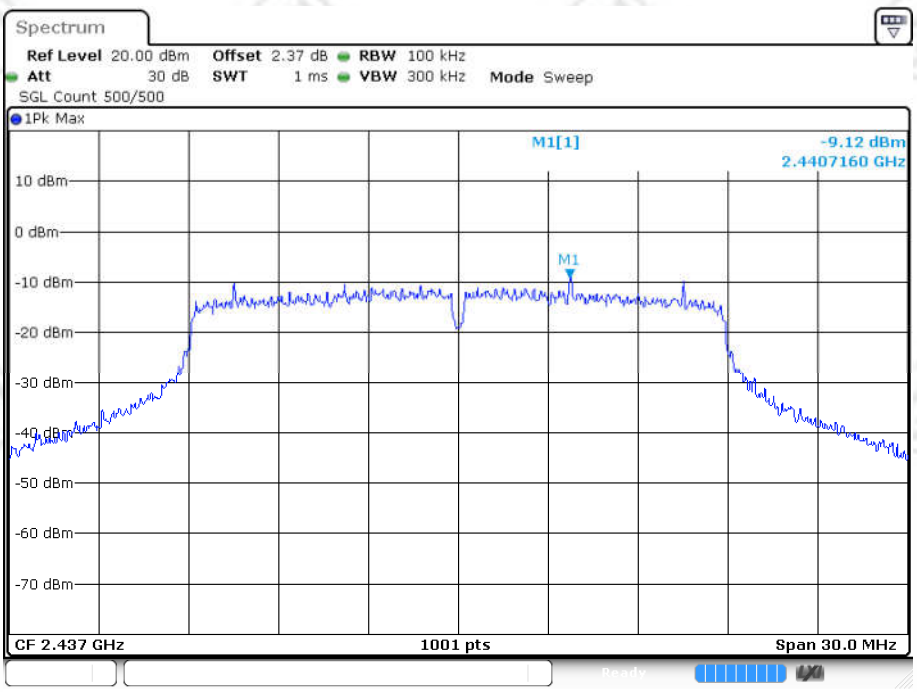


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40913 GHz	-11.85 dBm		
M2		1	19.85603 GHz	-49.58 dBm		
M3		1	4.678132 GHz	-53.71 dBm		
M4		1	7.098372 GHz	-54.48 dBm		
M5		1	9.649198 GHz	-54.65 dBm		

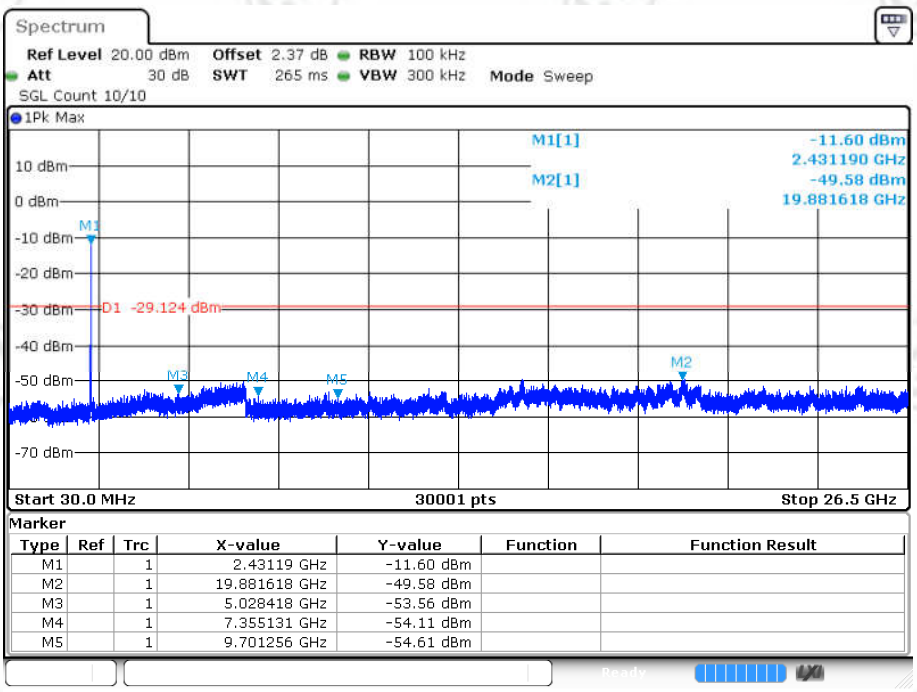
Date: 8.DEC.2024 12:24:27

Tx. Spurious NVNT n20 2437MHz Ant1 Ref



Date: 8.DEC.2024 12:25:22

Tx. Spurious NVNT n20 2437MHz Ant1 Emission

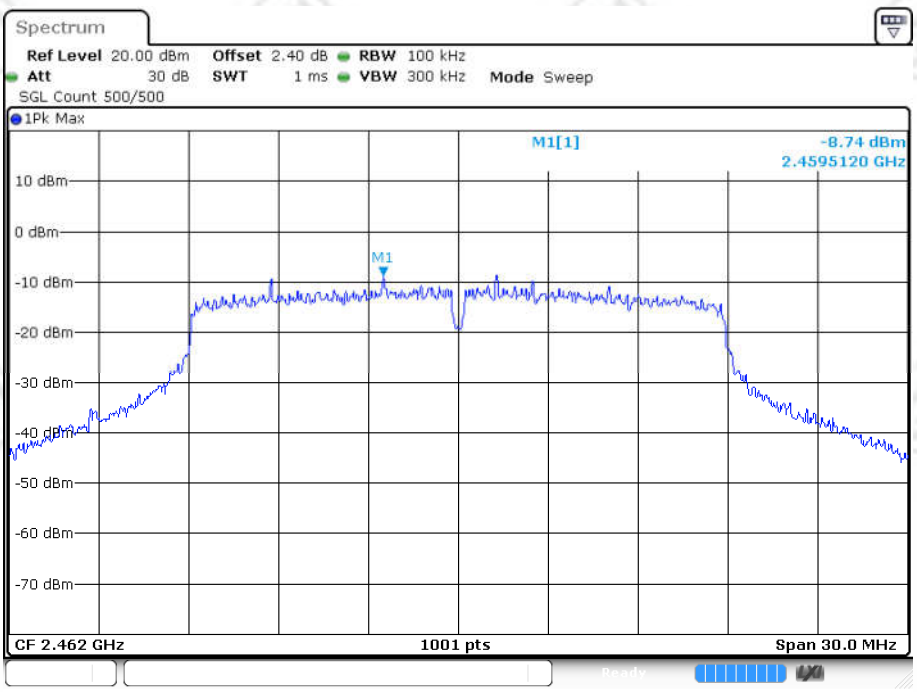


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43119 GHz	-11.60 dBm		
M2		1	19.881618 GHz	-49.58 dBm		
M3		1	5.028418 GHz	-53.56 dBm		
M4		1	7.355131 GHz	-54.11 dBm		
M5		1	9.701256 GHz	-54.61 dBm		

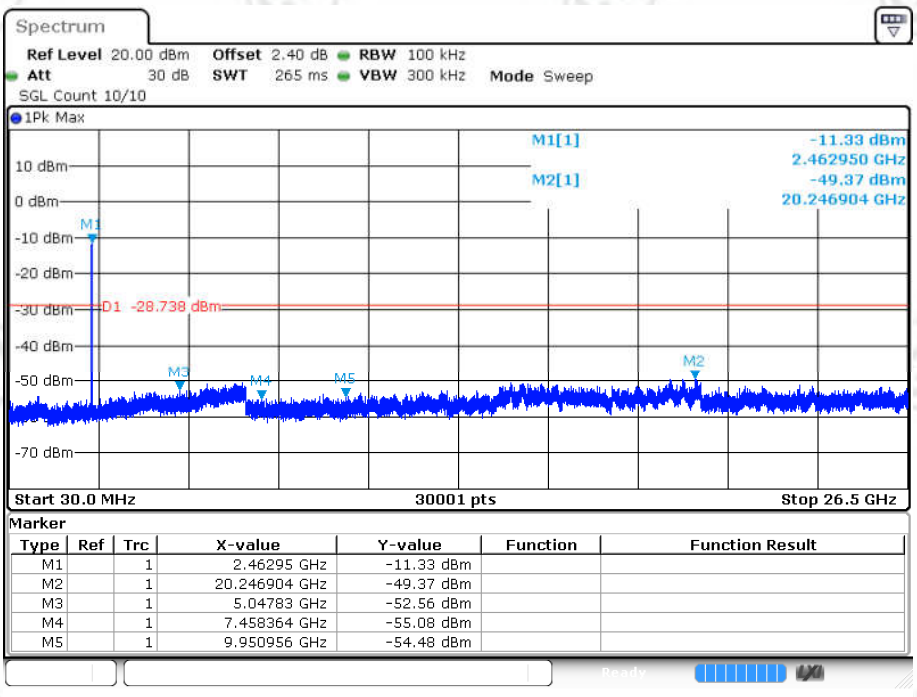
Date: 8.DEC.2024 12:25:33

Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Date: 8.DEC.2024 12:28:21

Tx. Spurious NVNT n20 2462MHz Ant1 Emission

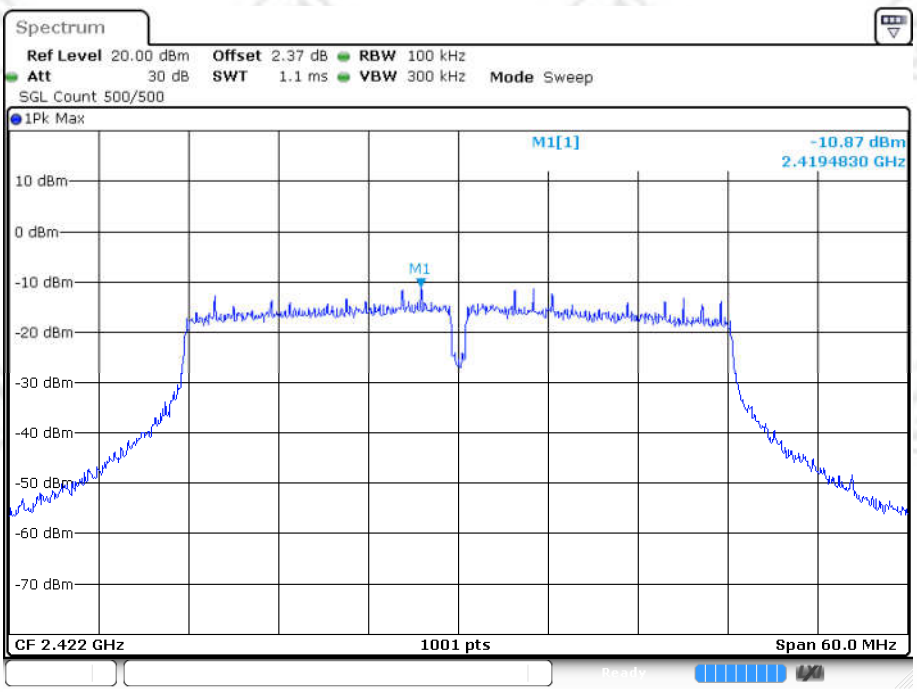


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46295 GHz	-11.33 dBm		
M2		1	20.246904 GHz	-49.37 dBm		
M3		1	5.04783 GHz	-52.56 dBm		
M4		1	7.458364 GHz	-55.08 dBm		
M5		1	9.950956 GHz	-54.48 dBm		

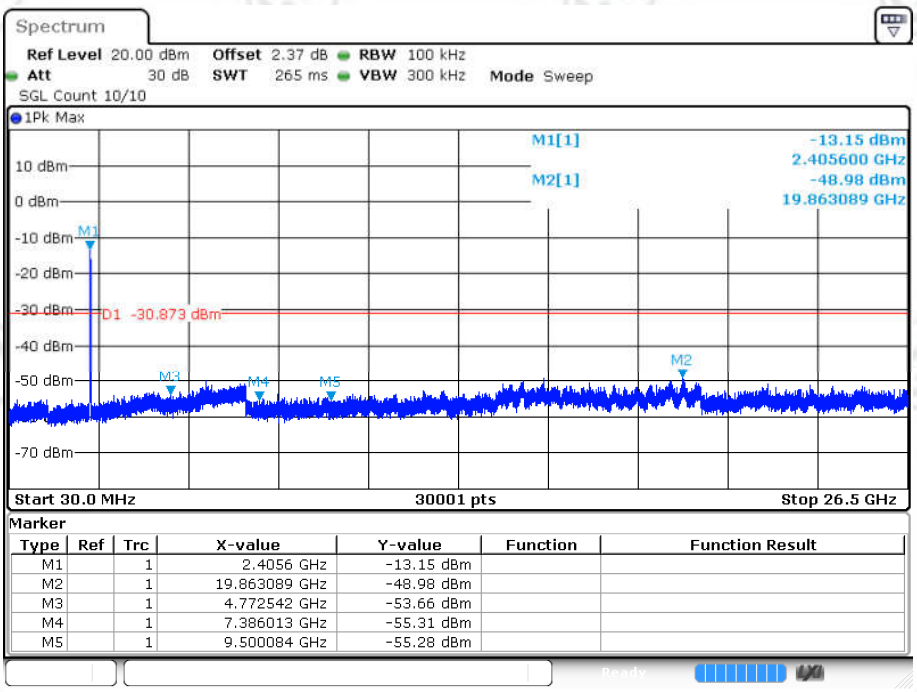
Date: 8.DEC.2024 12:28:32

Tx. Spurious NVNT n40 2422MHz Ant1 Ref



Date: 8.DEC.2024 12:32:33

Tx. Spurious NVNT n40 2422MHz Ant1 Emission

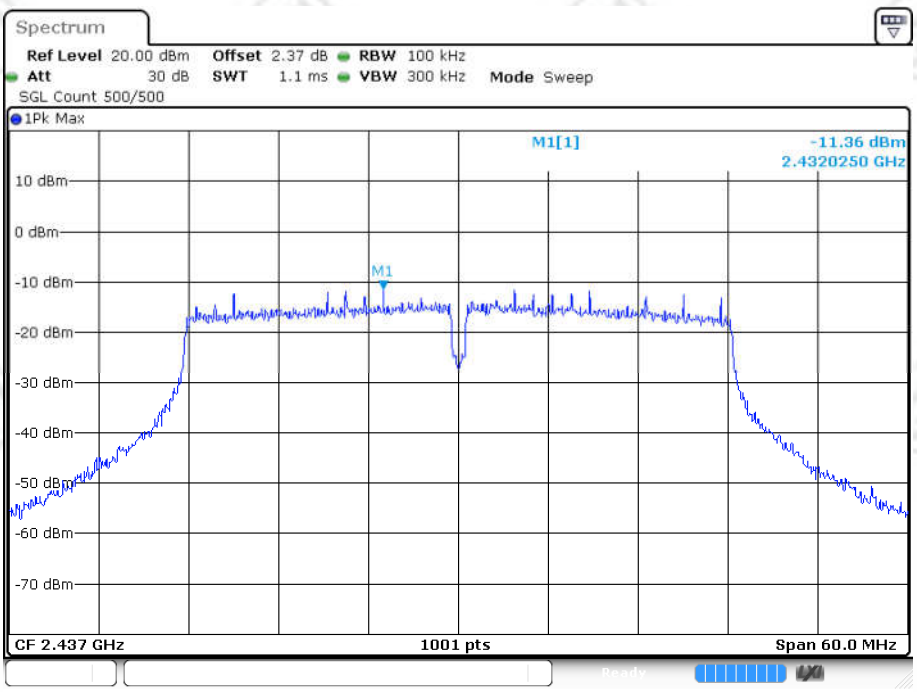


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4056 GHz	-13.15 dBm		
M2		1	19.863089 GHz	-48.98 dBm		
M3		1	4.772542 GHz	-53.66 dBm		
M4		1	7.386013 GHz	-55.31 dBm		
M5		1	9.500084 GHz	-55.28 dBm		

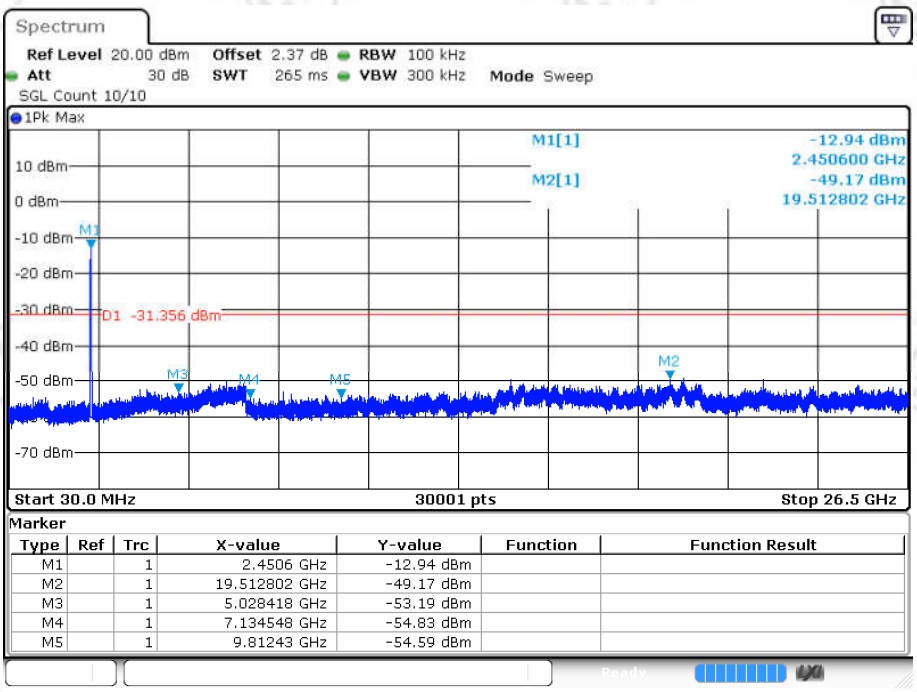
Date: 8.DEC.2024 12:32:44

Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Date: 8.DEC.2024 12:35:01

Tx. Spurious NVNT n40 2437MHz Ant1 Emission

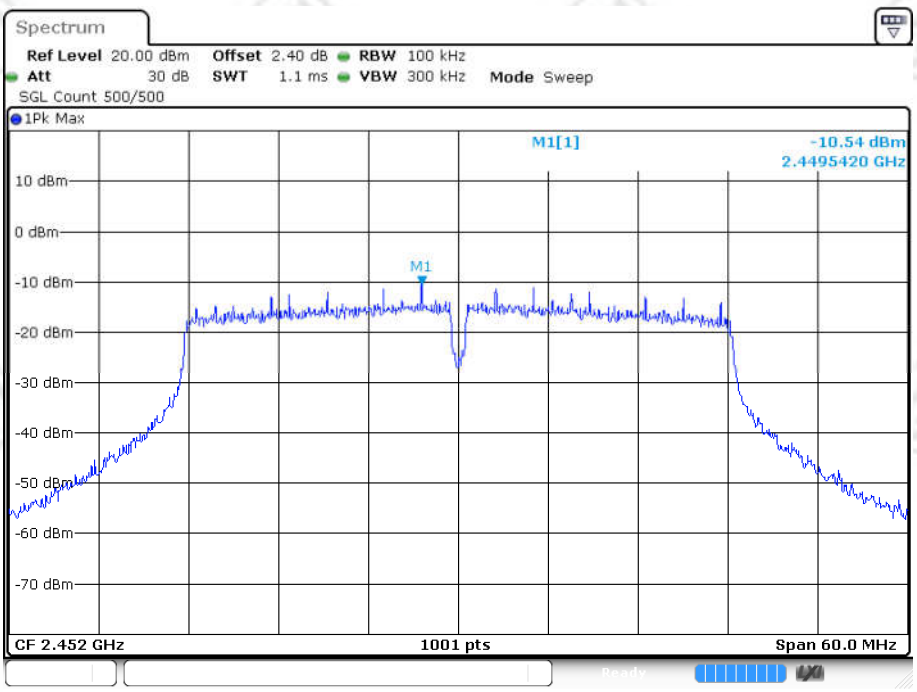


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4506 GHz	-12.94 dBm		
M2		1	19.512802 GHz	-49.17 dBm		
M3		1	5.028418 GHz	-53.19 dBm		
M4		1	7.134548 GHz	-54.83 dBm		
M5		1	9.81243 GHz	-54.59 dBm		

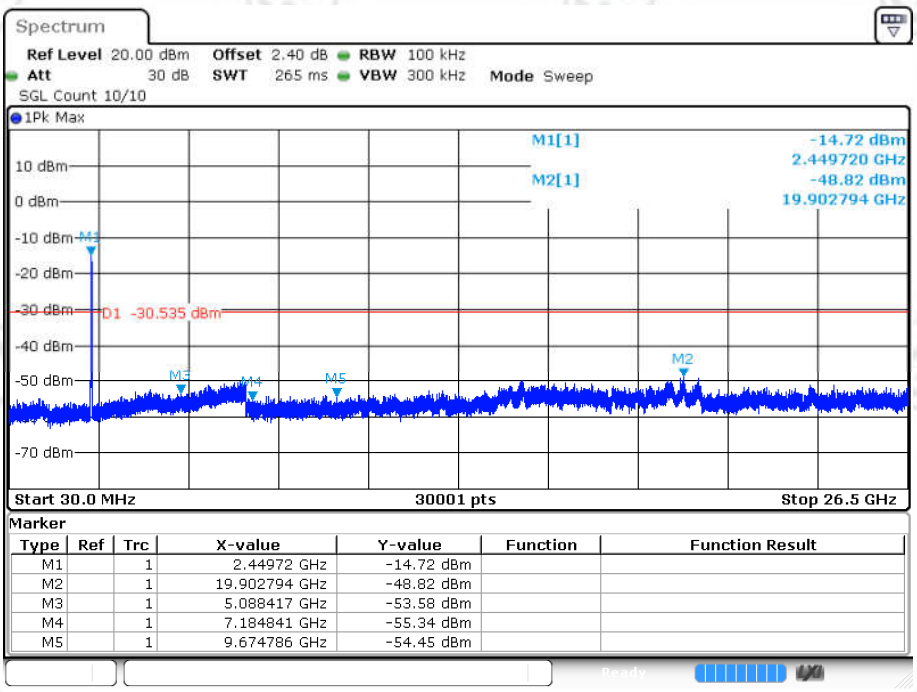
Date: 8.DEC.2024 12:35:13

Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Date: 8.DEC.2024 12:37:08

Tx. Spurious NVNT n40 2452MHz Ant1 Emission

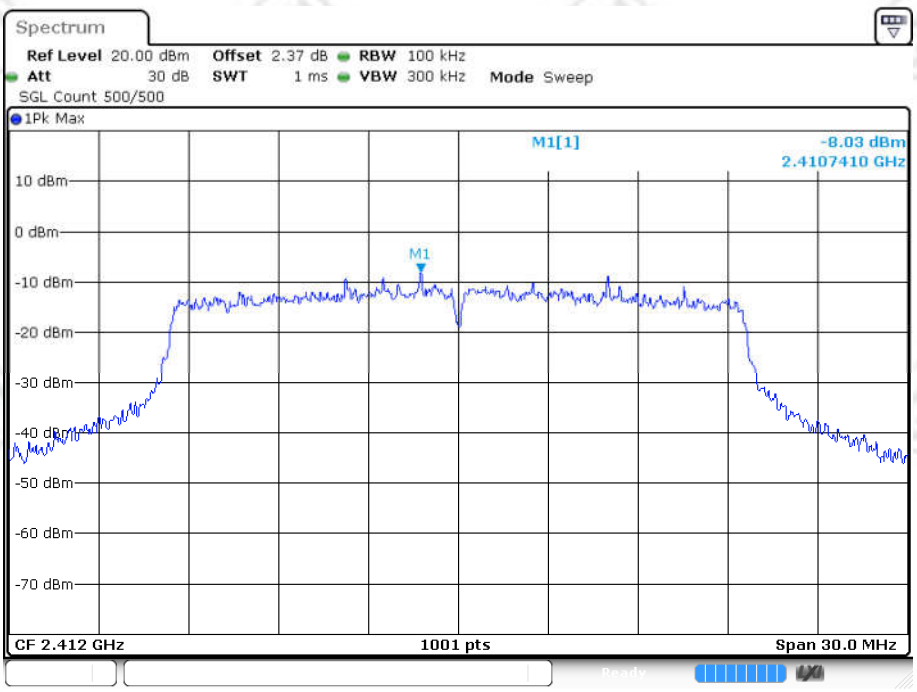


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44972 GHz	-14.72 dBm		
M2		1	19.902794 GHz	-48.82 dBm		
M3		1	5.088417 GHz	-53.58 dBm		
M4		1	7.184841 GHz	-55.34 dBm		
M5		1	9.674786 GHz	-54.45 dBm		

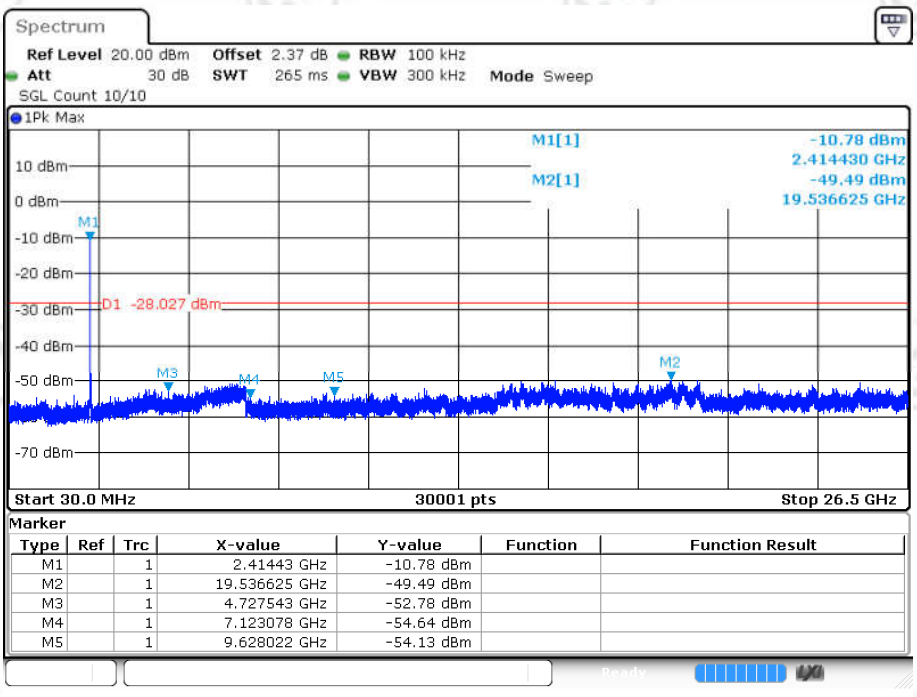
Date: 8.DEC.2024 12:37:19

Tx. Spurious NVNT ax20 2412MHz Ant1 Ref



Date: 8.DEC.2024 12:39:32

Tx. Spurious NVNT ax20 2412MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41443 GHz	-10.78 dBm		
M2		1	19.536625 GHz	-49.49 dBm		
M3		1	4.727543 GHz	-52.78 dBm		
M4		1	7.123078 GHz	-54.64 dBm		
M5		1	9.628022 GHz	-54.13 dBm		

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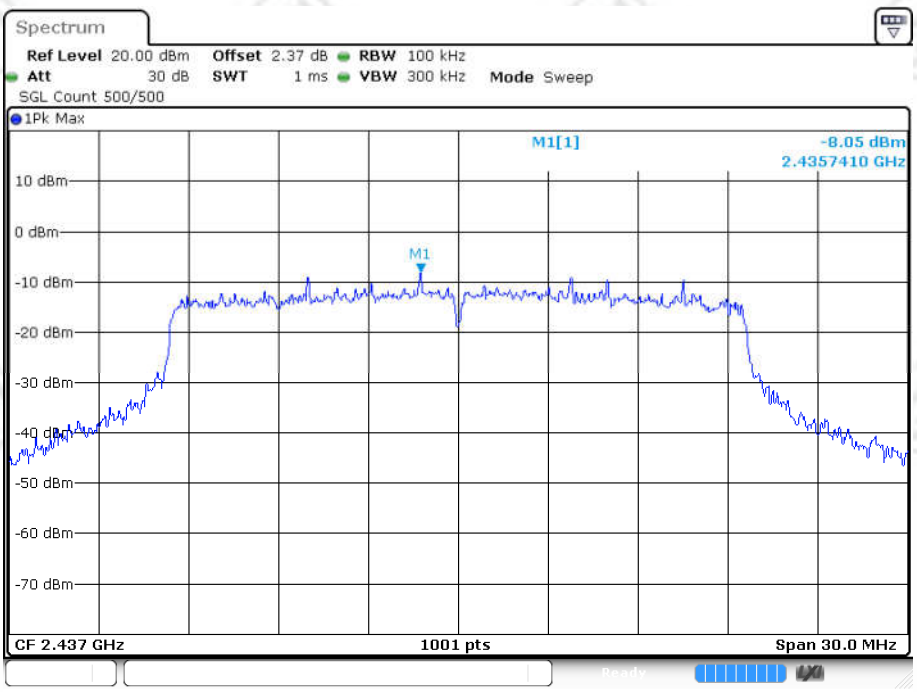
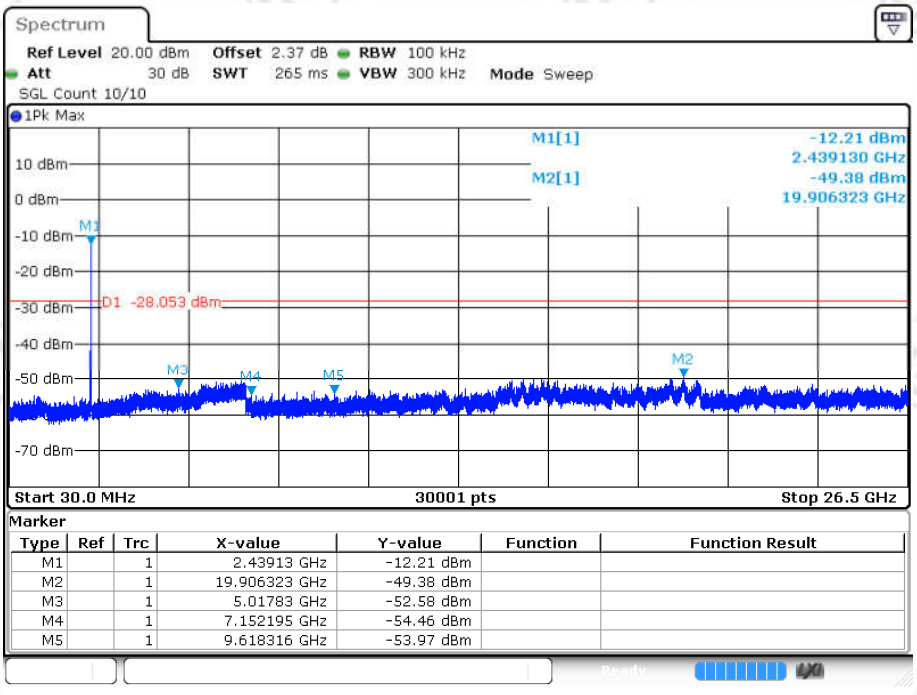
Tx. Spurious NVNT ax20 2437MHz Ant1 Ref



Date: 8.DEC.2024 12:43:33

Tx. Spurious NVNT ax20 2437MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43913 GHz	-12.21 dBm		
M2		1	19.906323 GHz	-49.38 dBm		
M3		1	5.01783 GHz	-52.58 dBm		
M4		1	7.152195 GHz	-54.46 dBm		
M5		1	9.618316 GHz	-53.97 dBm		

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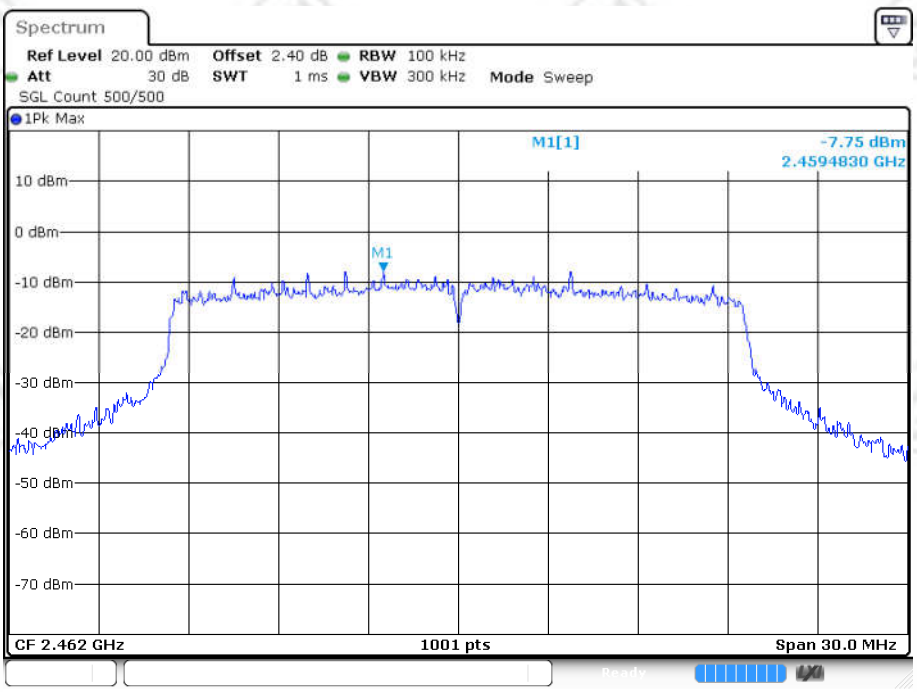
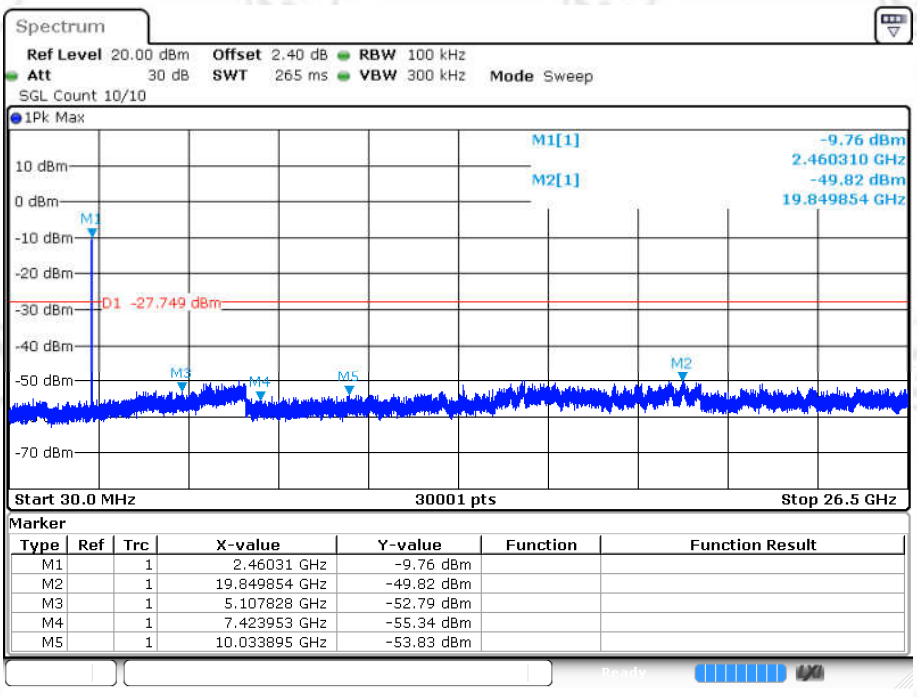
Tx. Spurious NVNT ax20 2462MHz Ant1 Ref



Date: 8.DEC.2024 12:48:29

Tx. Spurious NVNT ax20 2462MHz Ant1 Emission

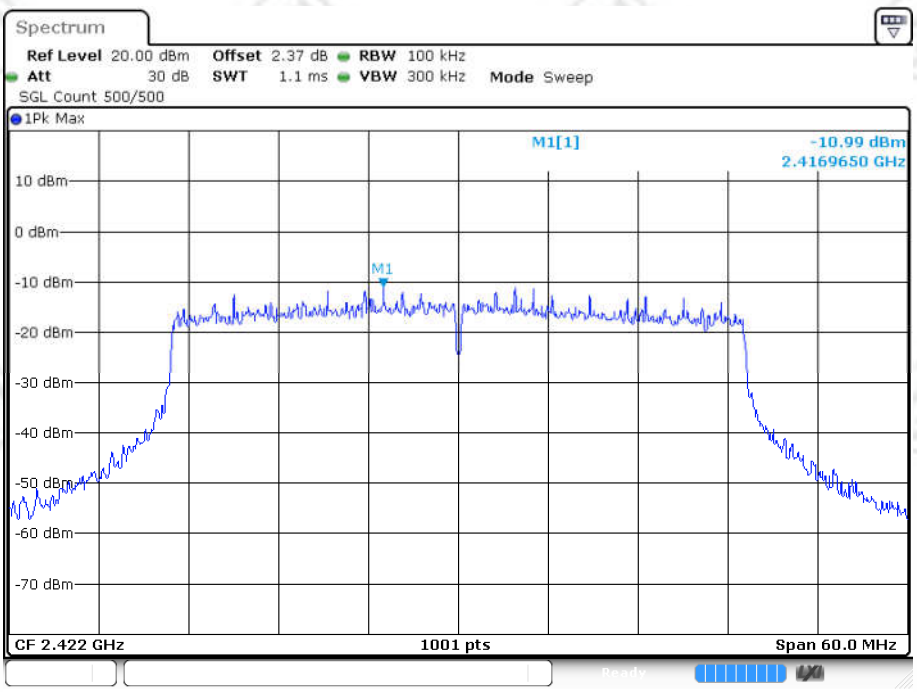


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46031 GHz	-9.76 dBm		
M2		1	19.849854 GHz	-49.82 dBm		
M3		1	5.107828 GHz	-52.79 dBm		
M4		1	7.423953 GHz	-55.34 dBm		
M5		1	10.033895 GHz	-53.83 dBm		

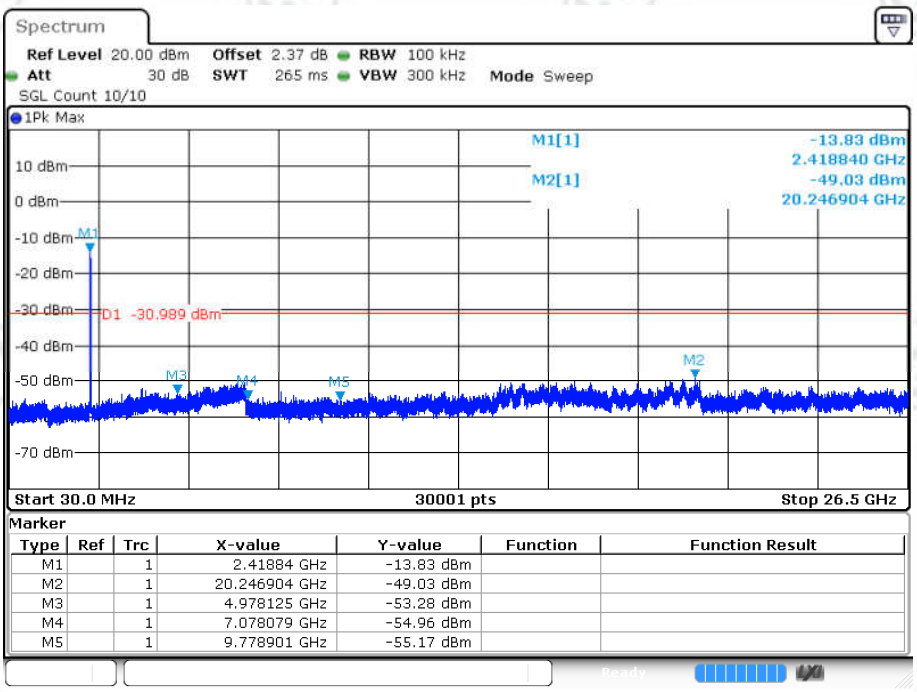
Date: 8.DEC.2024 12:48:40

Tx. Spurious NVNT ax40 2422MHz Ant1 Ref



Date: 8.DEC.2024 12:52:39

Tx. Spurious NVNT ax40 2422MHz Ant1 Emission

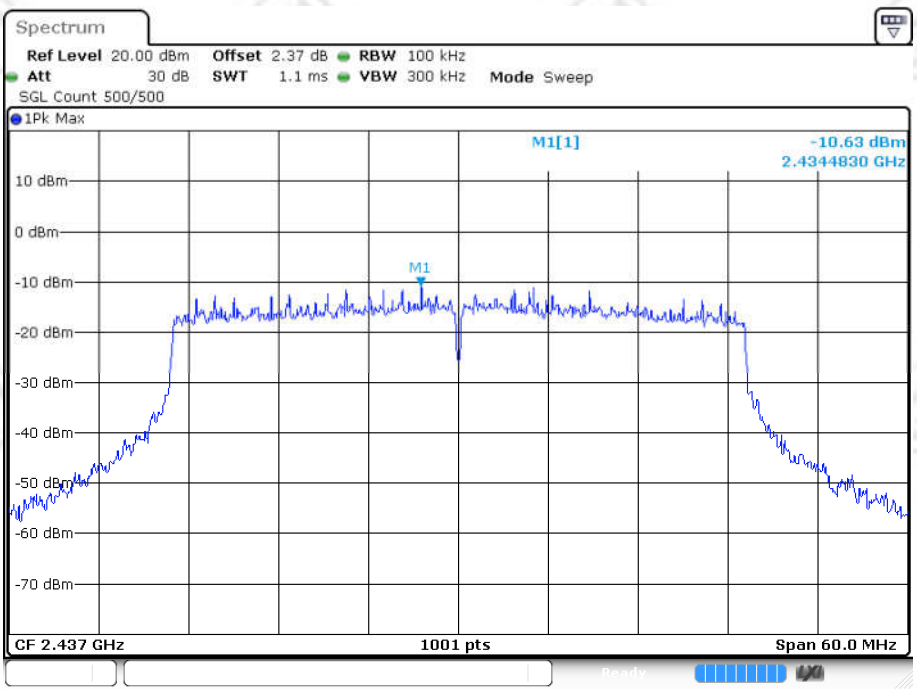


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41884 GHz	-13.83 dBm		
M2		1	20.246904 GHz	-49.03 dBm		
M3		1	4.978125 GHz	-53.28 dBm		
M4		1	7.078079 GHz	-54.96 dBm		
M5		1	9.778901 GHz	-55.17 dBm		

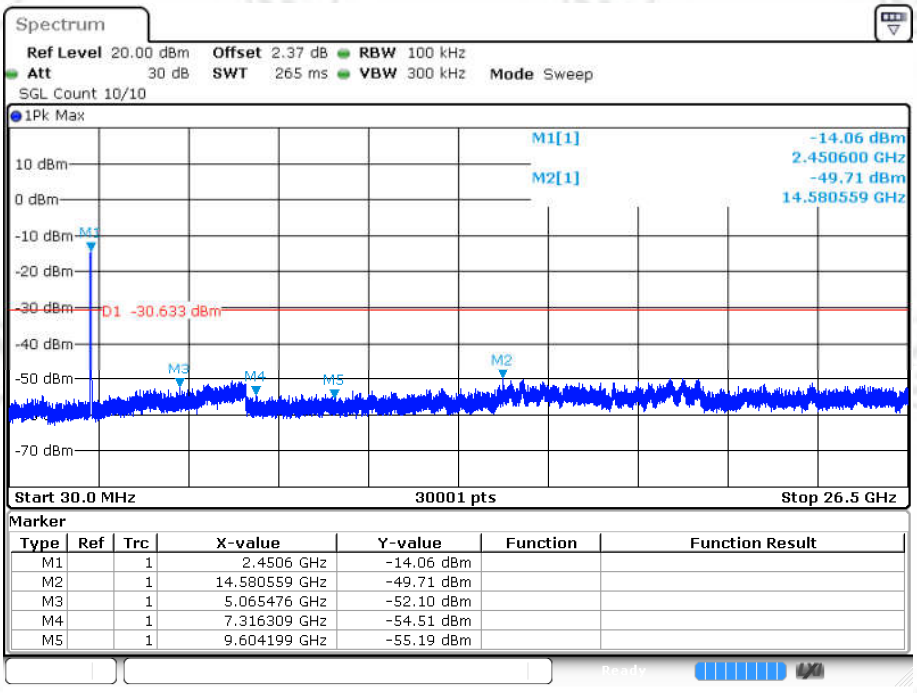
Date: 8.DEC.2024 12:52:50

Tx. Spurious NVNT ax40 2437MHz Ant1 Ref



Date: 8.DEC.2024 12:56:11

Tx. Spurious NVNT ax40 2437MHz Ant1 Emission

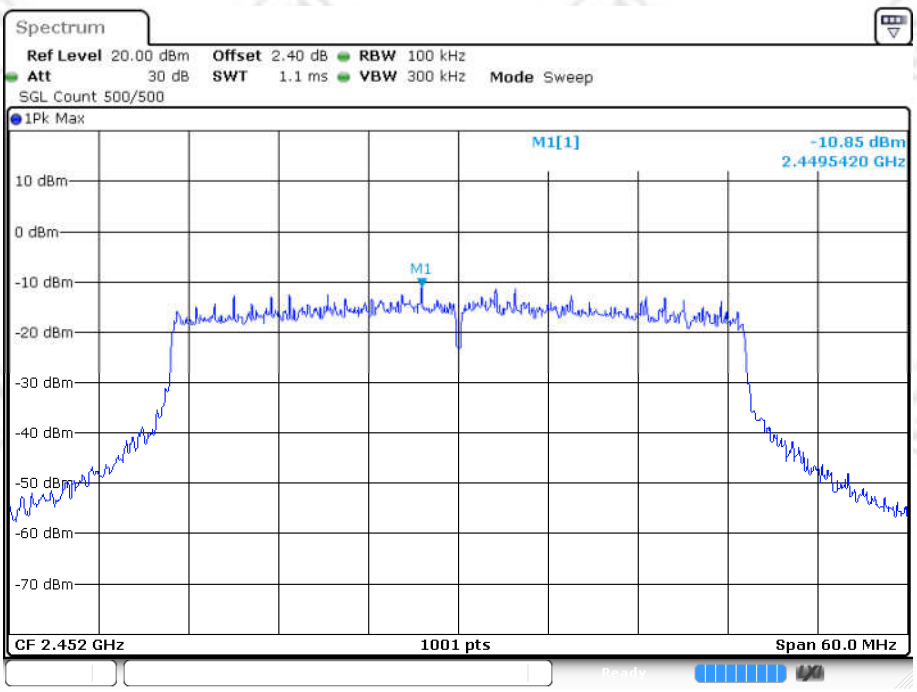


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4506 GHz	-14.06 dBm		
M2		1	14.580559 GHz	-49.71 dBm		
M3		1	5.065476 GHz	-52.10 dBm		
M4		1	7.316309 GHz	-54.51 dBm		
M5		1	9.604199 GHz	-55.19 dBm		

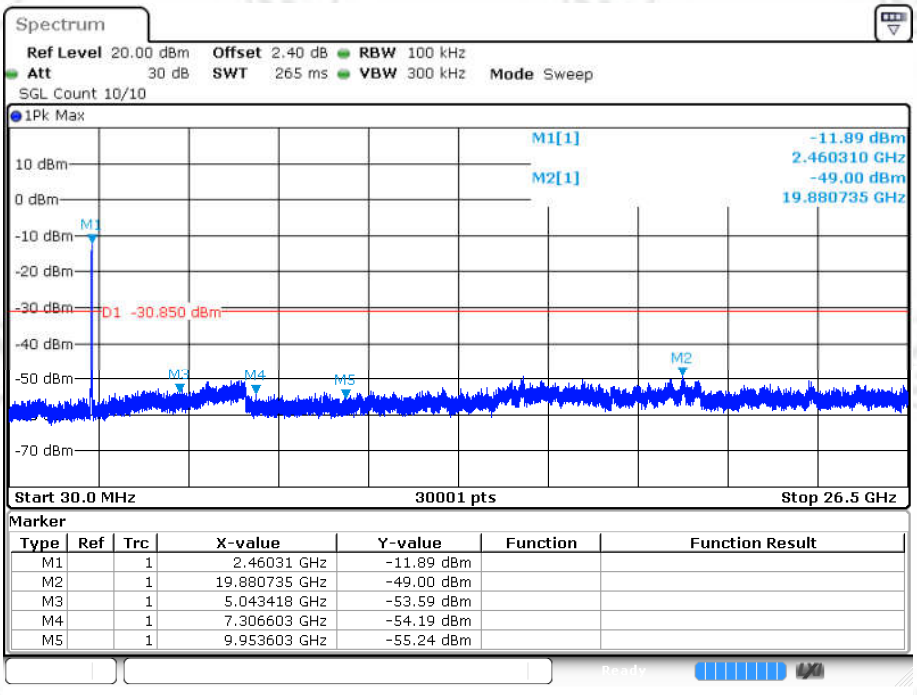
Date: 8.DEC.2024 12:56:23

Tx. Spurious NVNT ax40 2452MHz Ant1 Ref



Date: 8.DEC.2024 13:07:54

Tx. Spurious NVNT ax40 2452MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46031 GHz	-11.89 dBm		
M2		1	19.880735 GHz	-49.00 dBm		
M3		1	5.043418 GHz	-53.59 dBm		
M4		1	7.306603 GHz	-54.19 dBm		
M5		1	9.953603 GHz	-55.24 dBm		

Date: 8.DEC.2024 13:08:05

END OF REPORT