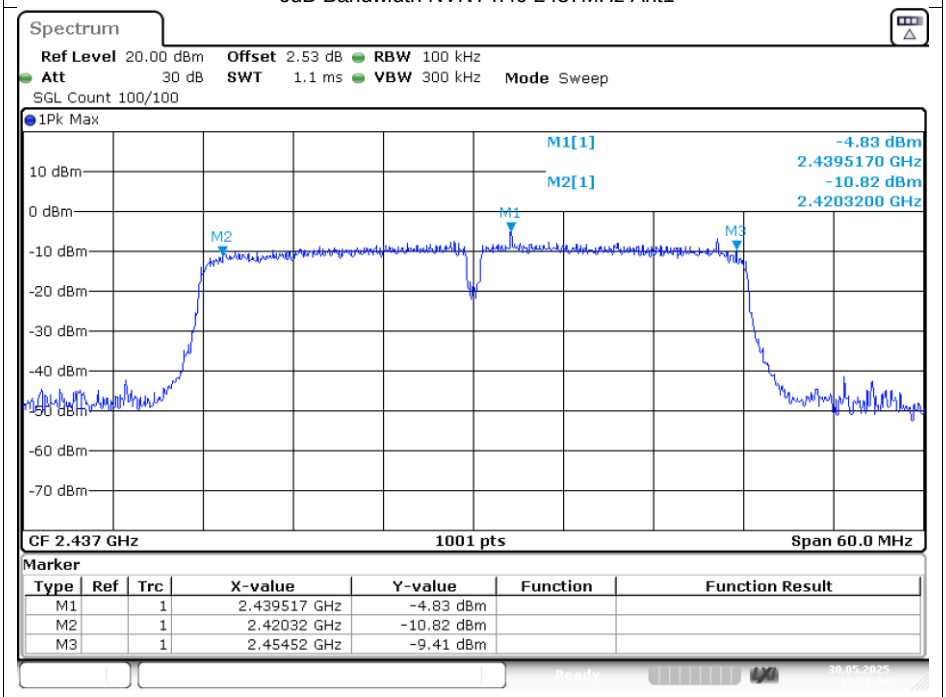
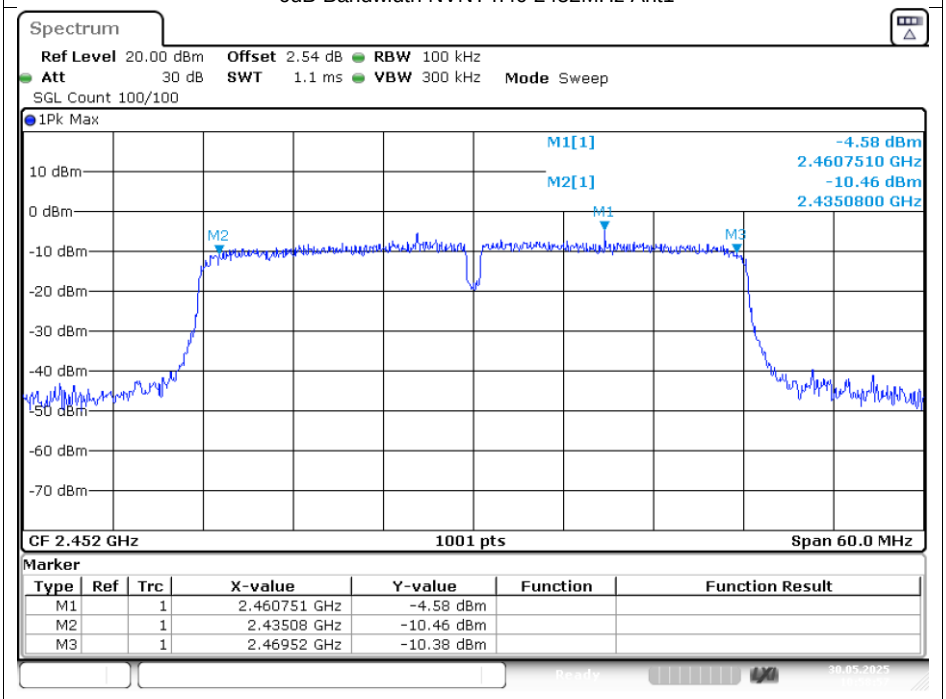
-6dB Bandwidth NVNT n40 2437MHz Ant1



Date: 30.MAY.2025 10:57:06

-6dB Bandwidth NVNT n40 2452MHz Ant1



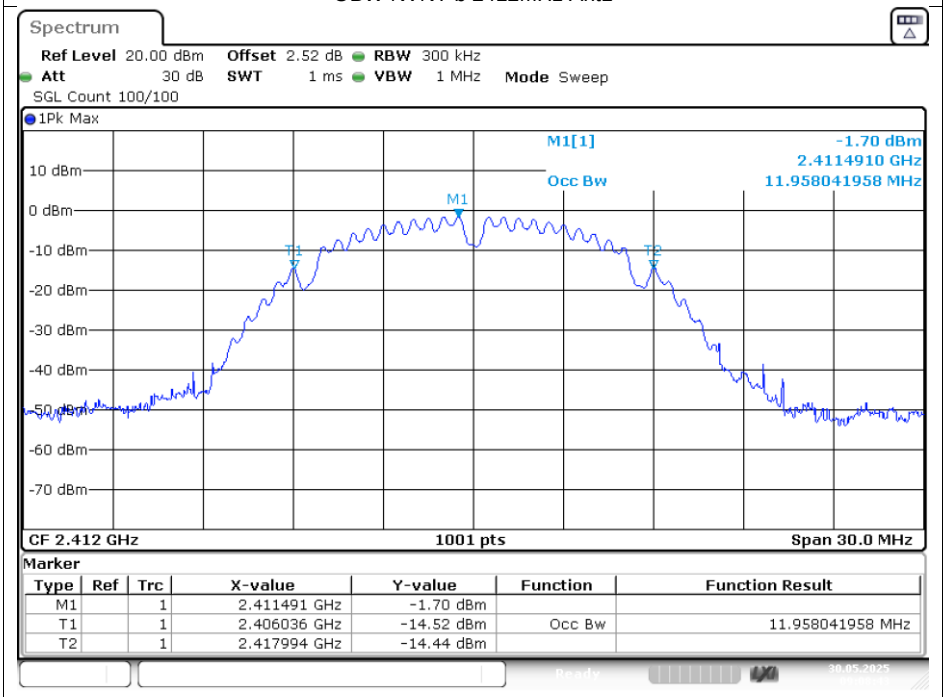
Date: 30.MAY.2025 10:58:57

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	11.958
NVNT	b	2437	Ant1	14.266
NVNT	b	2462	Ant1	14.296
NVNT	g	2412	Ant1	16.484
NVNT	g	2437	Ant1	16.513
NVNT	g	2462	Ant1	16.573
NVNT	n20	2412	Ant1	17.383
NVNT	n20	2437	Ant1	17.532
NVNT	n20	2462	Ant1	17.532
NVNT	n40	2422	Ant1	35.844
NVNT	n40	2437	Ant1	35.784
NVNT	n40	2452	Ant1	35.784

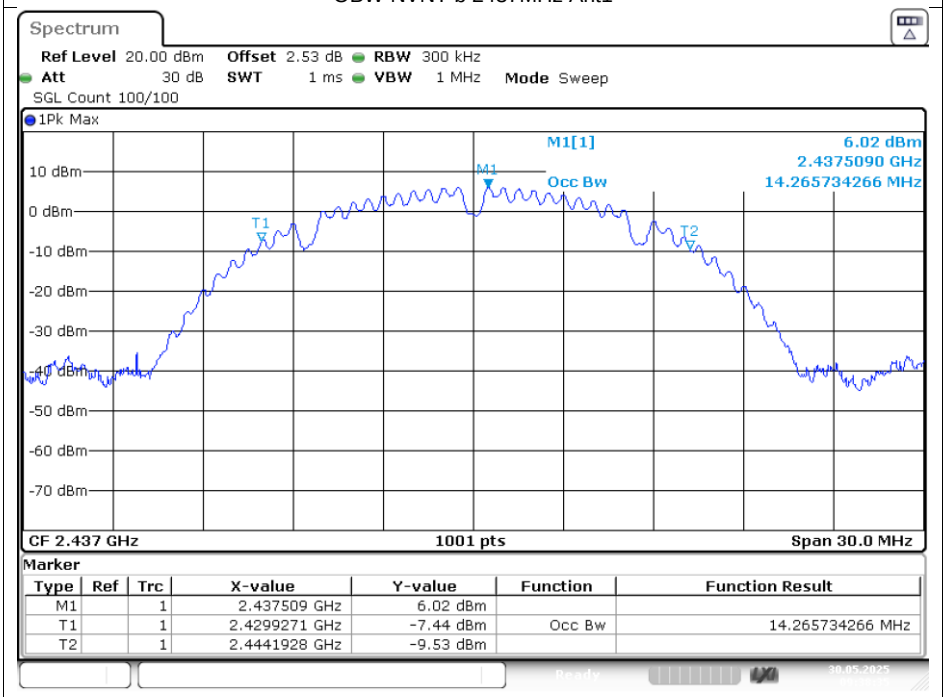
Test Graphs

OBW NVNT b 2412MHz Ant1



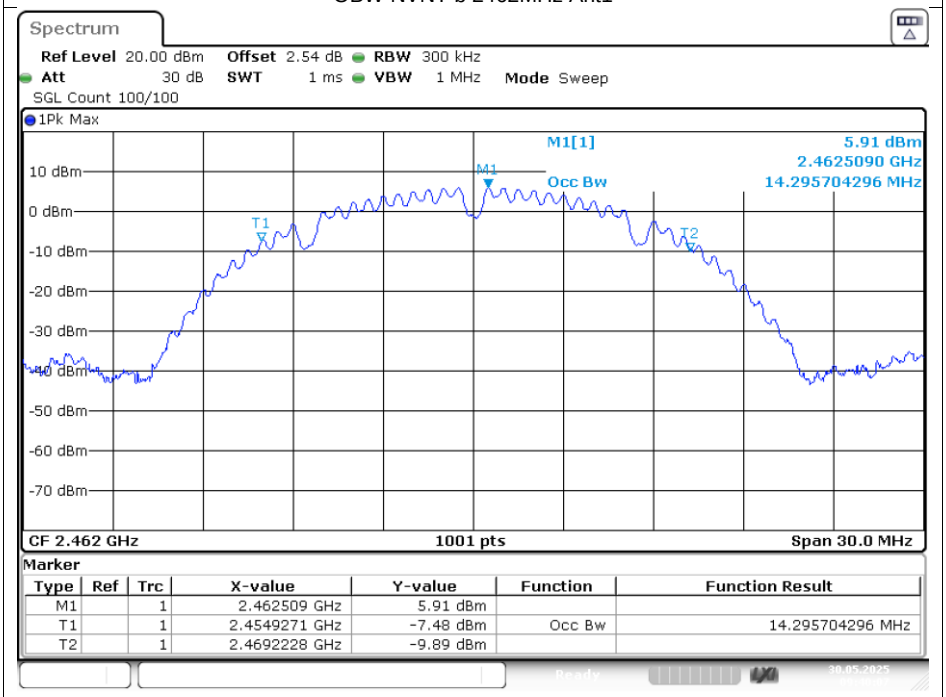
Date: 30.MAY.2025 09:08:43

OBW NVNT b 2437MHz Ant1



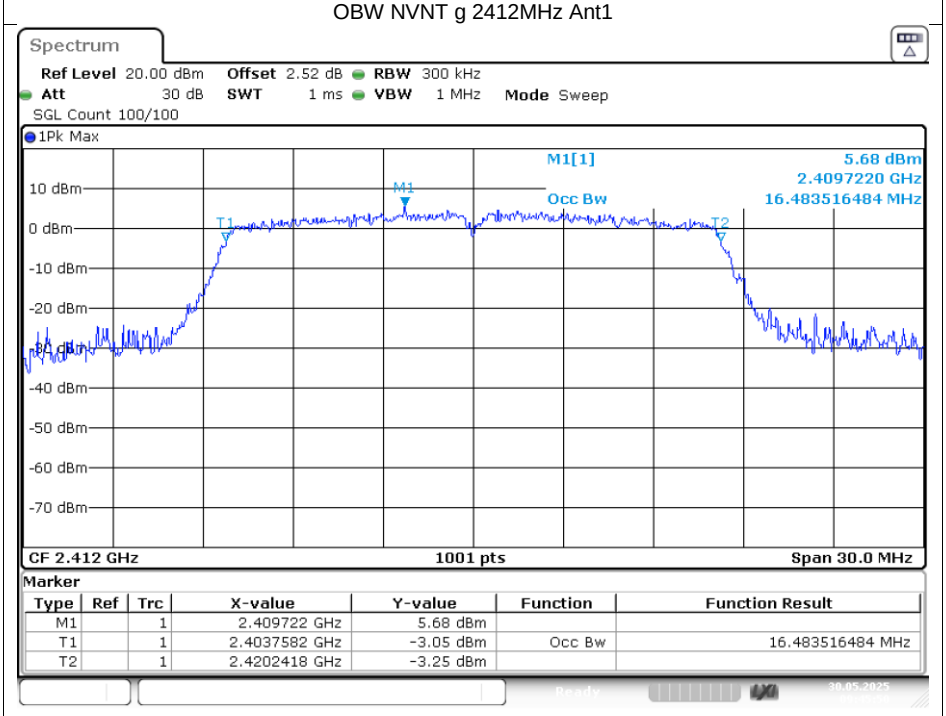
Date: 30.MAY.2025 09:38:34

OBW NVNT b 2462MHz Ant1



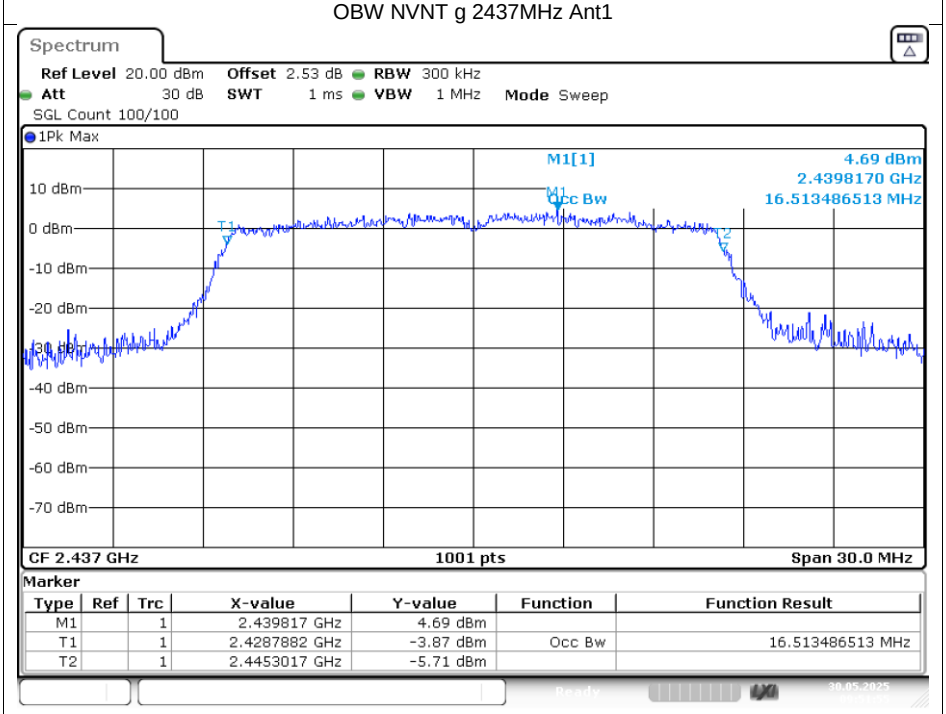
Date: 30.MAY.2025 09:40:07

OBW NVNT g 2412MHz Ant1



Date: 30.MAY.2025 09:45:50

OBW NVNT g 2437MHz Ant1

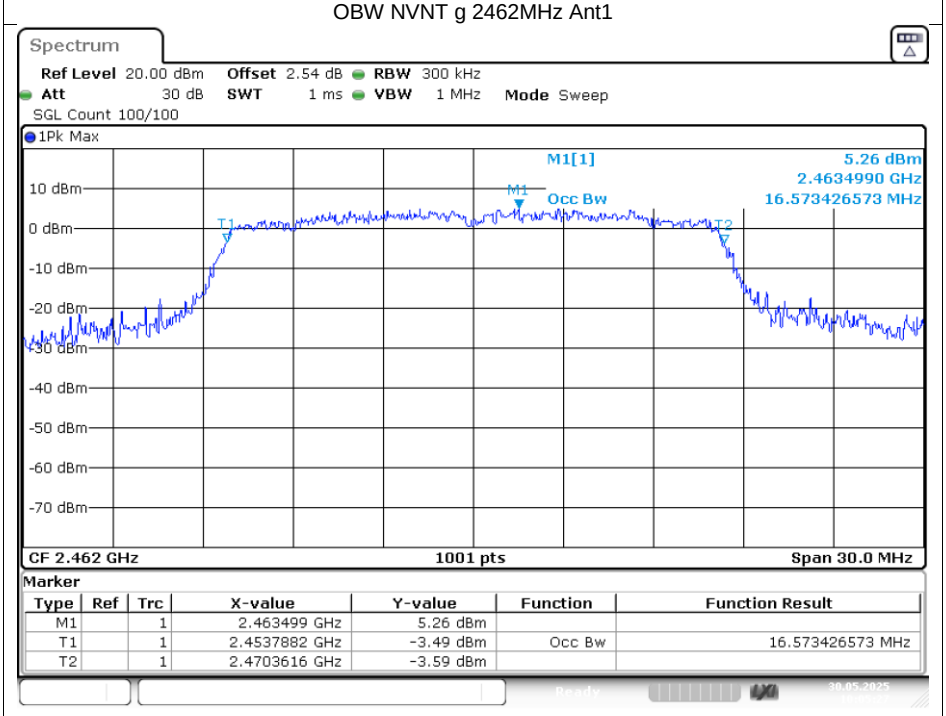


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.439817 GHz	4.69 dBm		
T1		1	2.4287882 GHz	-3.87 dBm	Occ Bw	16.513486513 MHz
T2		1	2.4453017 GHz	-5.71 dBm		

Date: 30.MAY.2025 09:51:55

OBW NVNT g 2462MHz Ant1

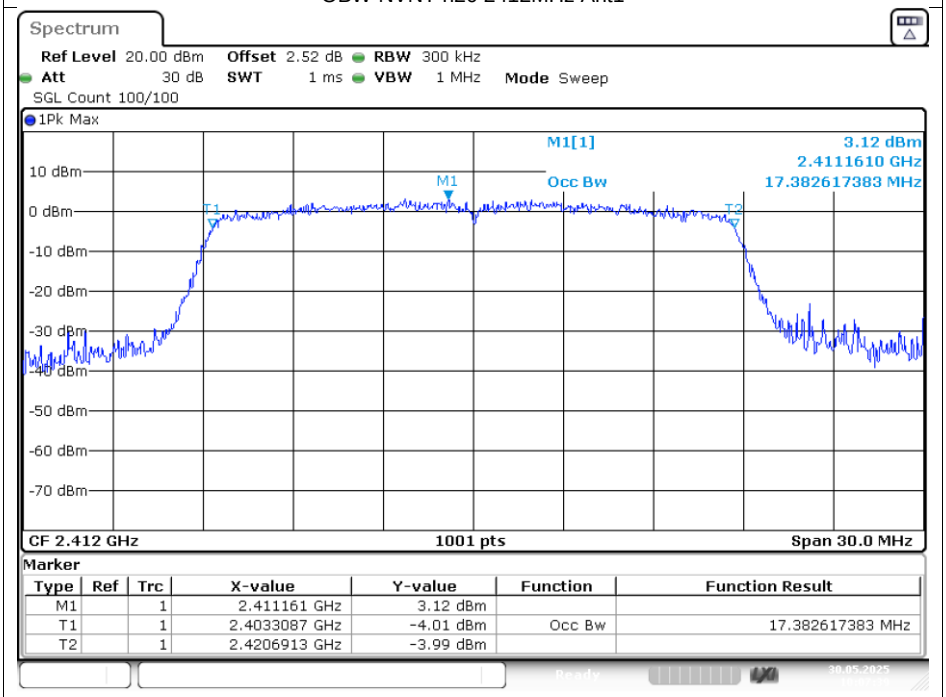


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.463499 GHz	5.26 dBm		
T1		1	2.4537882 GHz	-3.49 dBm	Occ Bw	16.573426573 MHz
T2		1	2.4703616 GHz	-3.59 dBm		

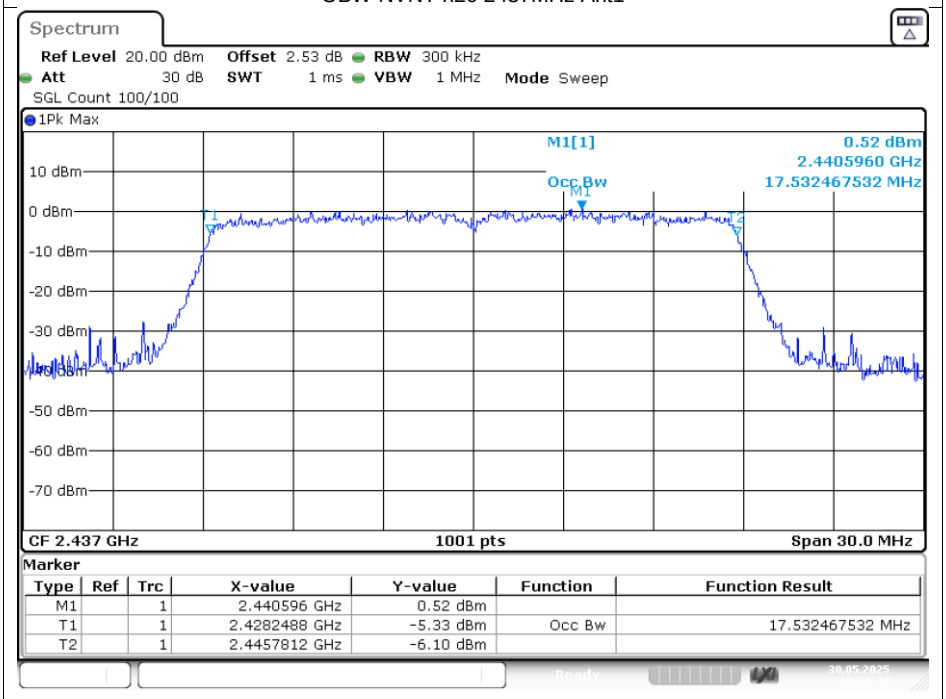
Date: 30.MAY.2025 10:05:27

OBW NVNT n20 2412MHz Ant1



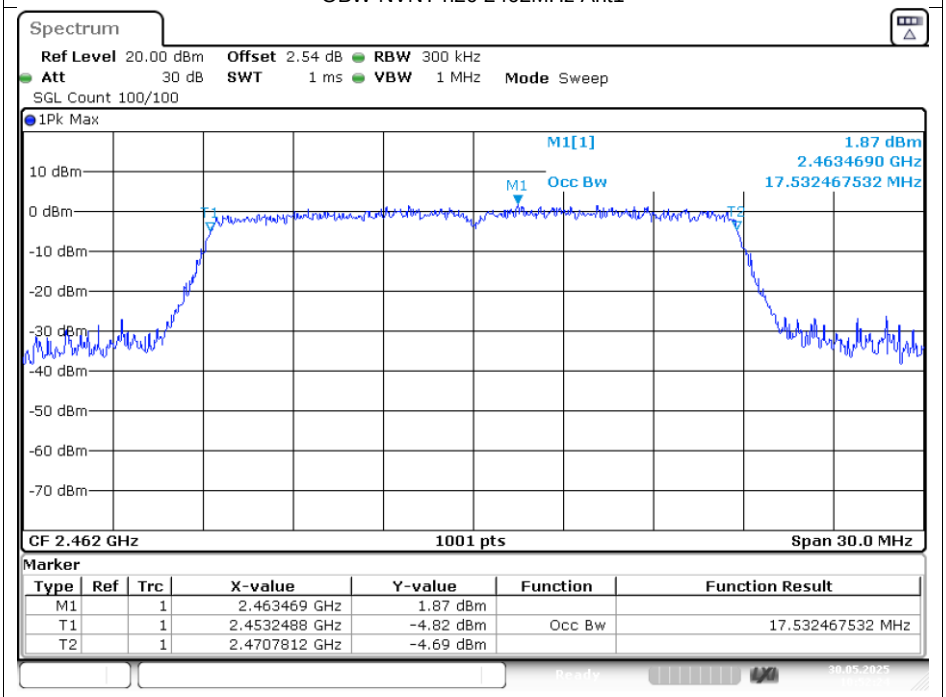
Date: 30.MAY.2025 10:07:39

OBW NVNT n20 2437MHz Ant1



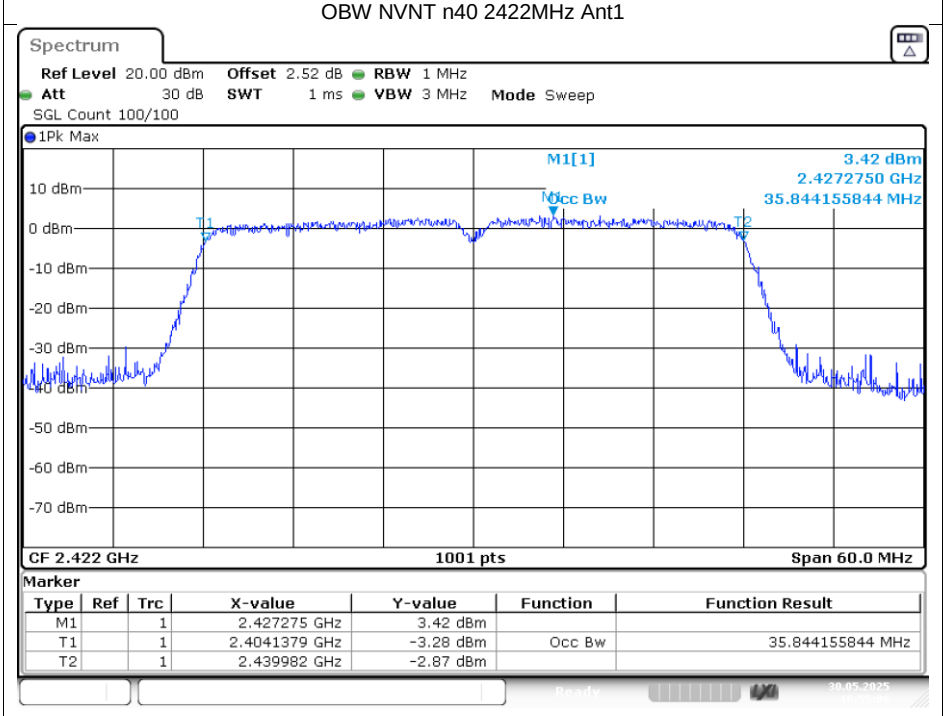
Date: 30.MAY.2025 10:50:47

OBW NVNT n20 2462MHz Ant1



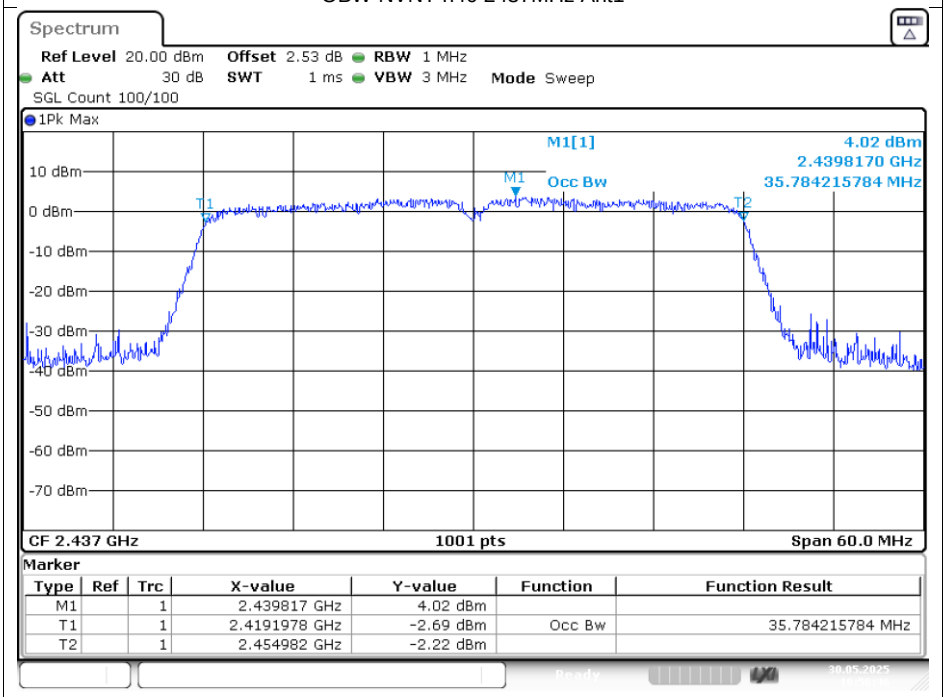
Date: 30.MAY.2025 10:52:24

OBW NVNT n40 2422MHz Ant1



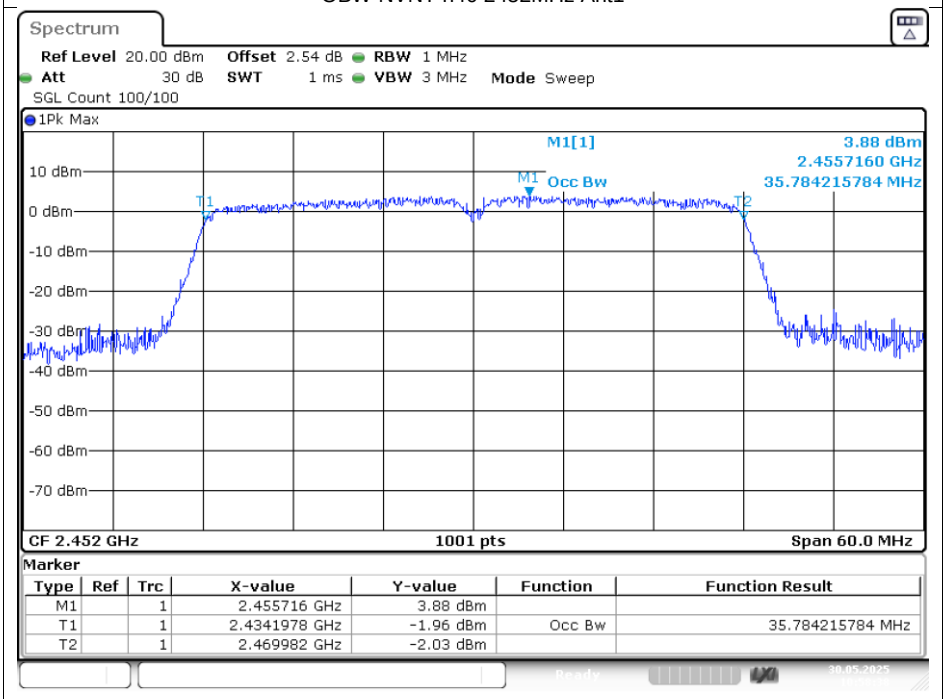
Date: 30.MAY.2025 10:55:07

OBW NVNT n40 2437MHz Ant1



Date: 30.MAY.2025 10:56:46

OBW NVNT n40 2452MHz Ant1



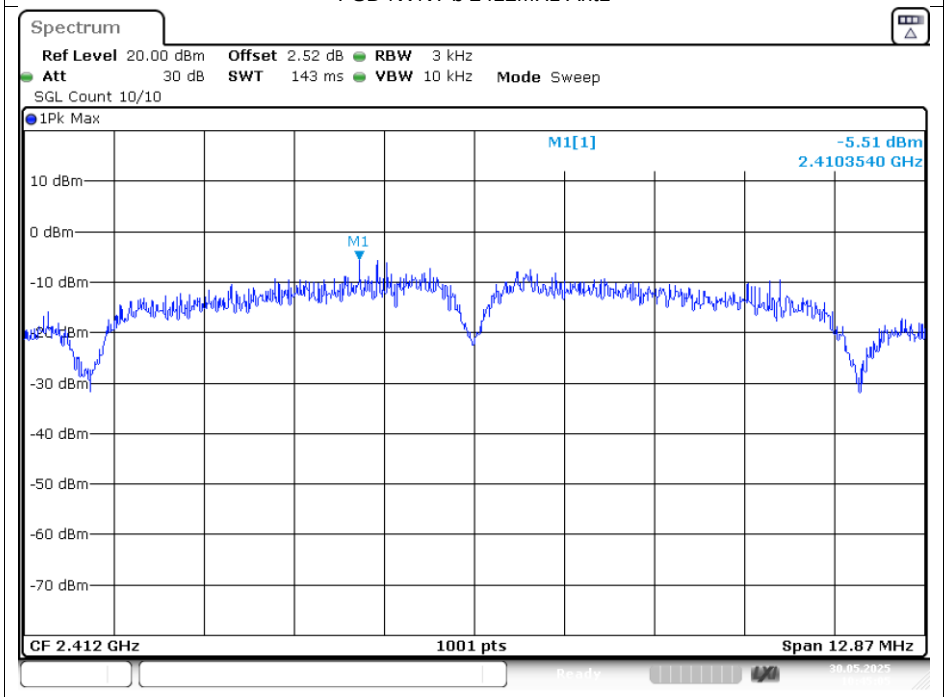
Date: 30.MAY.2025 10:58:38

Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-5.51	8	Pass
NVNT	b	2437	Ant1	-6.43	8	Pass
NVNT	b	2462	Ant1	-4.56	8	Pass
NVNT	g	2412	Ant1	-16.27	8	Pass
NVNT	g	2437	Ant1	-15.93	8	Pass
NVNT	g	2462	Ant1	-14.36	8	Pass
NVNT	n20	2412	Ant1	-16.99	8	Pass
NVNT	n20	2437	Ant1	-15.26	8	Pass
NVNT	n20	2462	Ant1	-15.15	8	Pass
NVNT	n40	2422	Ant1	-18.53	8	Pass
NVNT	n40	2437	Ant1	-19.38	8	Pass
NVNT	n40	2452	Ant1	-18.51	8	Pass

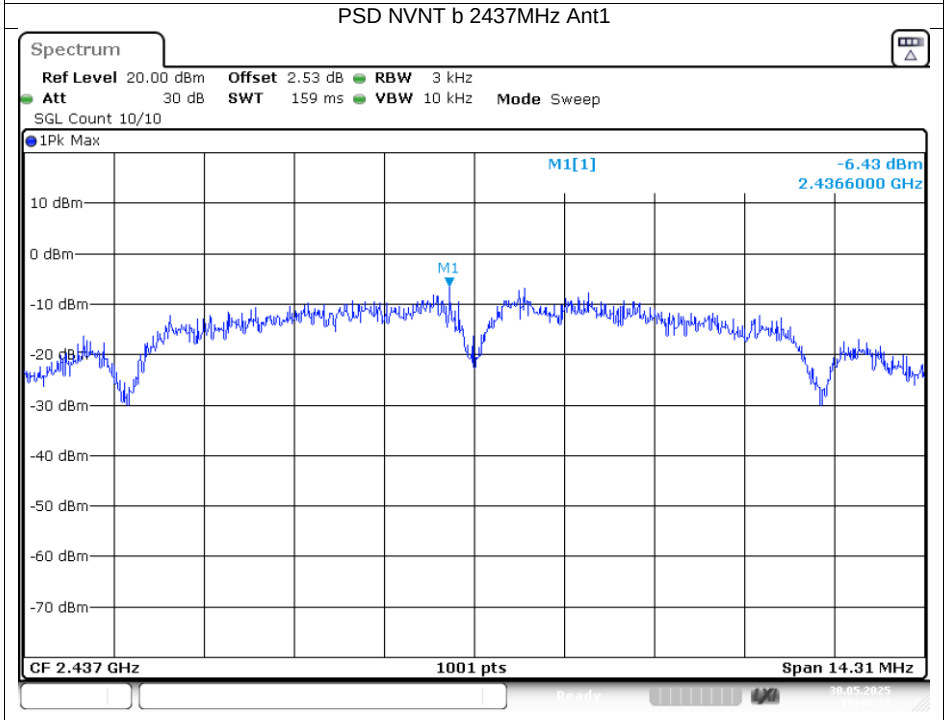
Test Graphs

PSD NVNT b 2412MHz Ant1



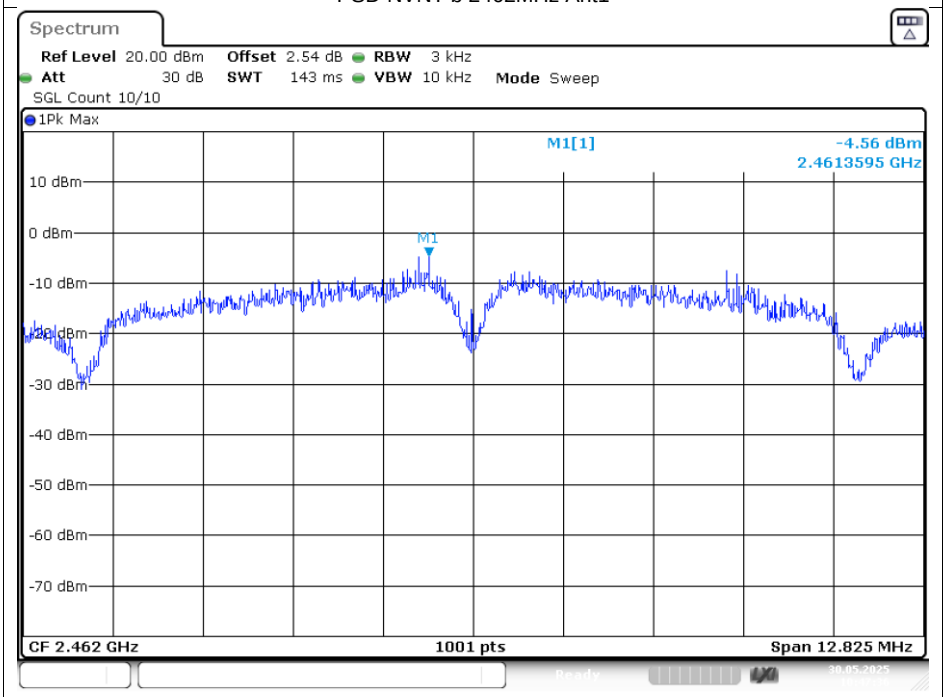
Date: 30.MAY.2025 10:45:05

PSD NVNT b 2437MHz Ant1



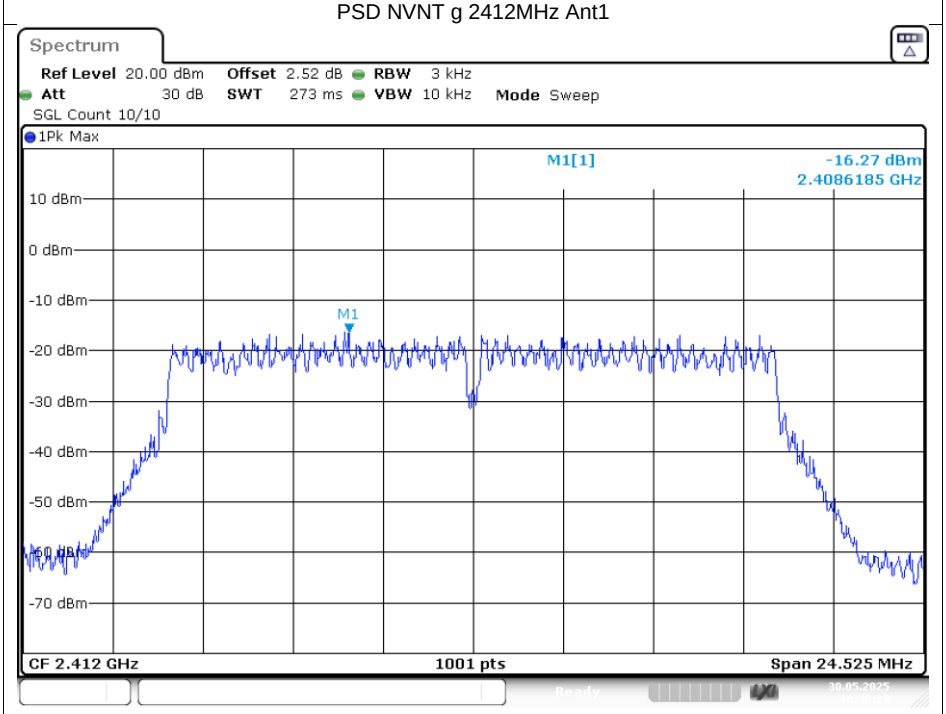
Date: 30.MAY.2025 10:46:24

PSD NVNT b 2462MHz Ant1



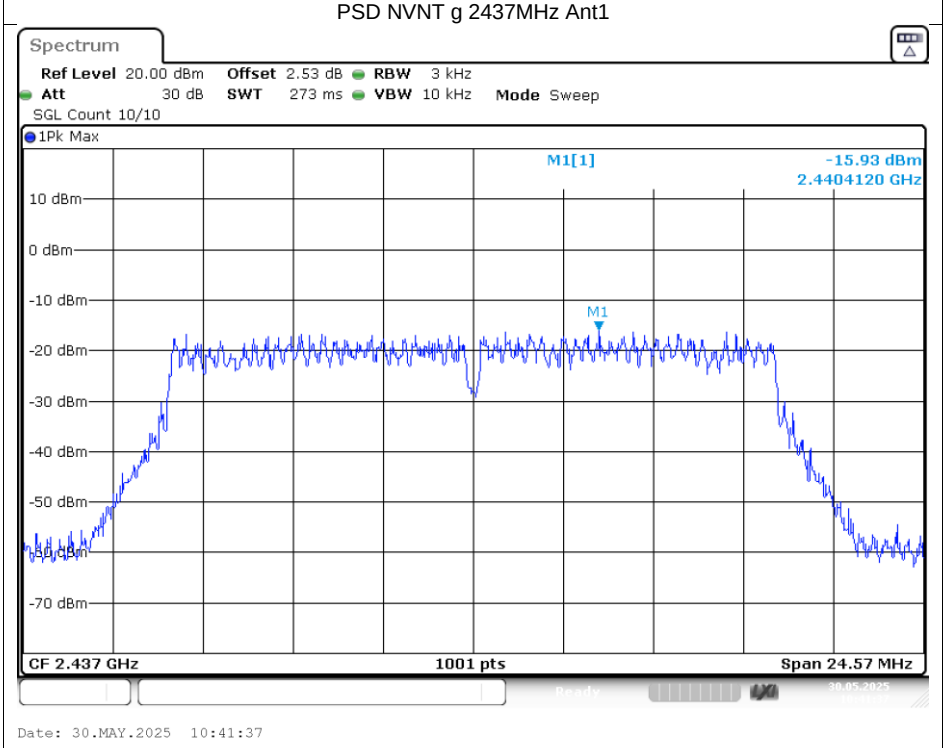
Date: 30.MAY.2025 10:47:36

PSD NVNT g 2412MHz Ant1

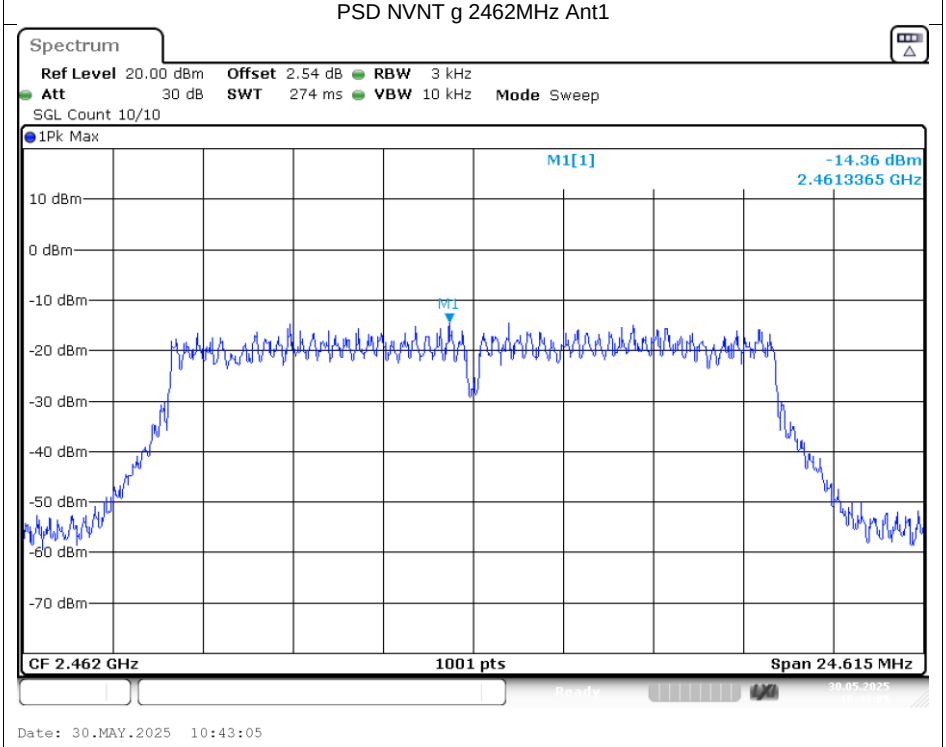


Date: 30.MAY.2025 10:40:23

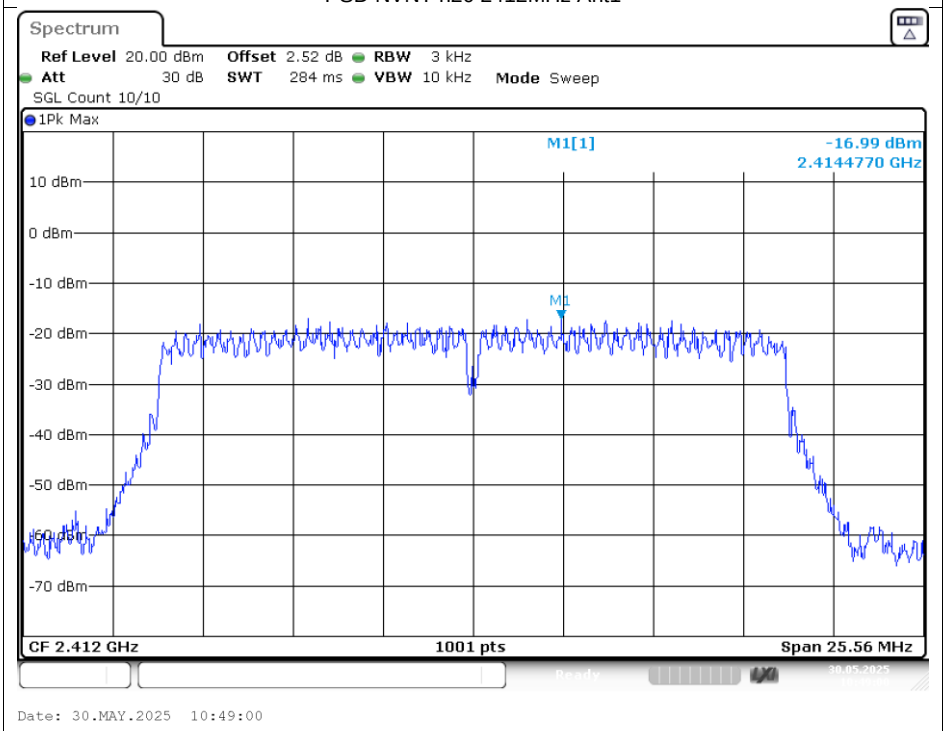
PSD NVNT g 2437MHz Ant1



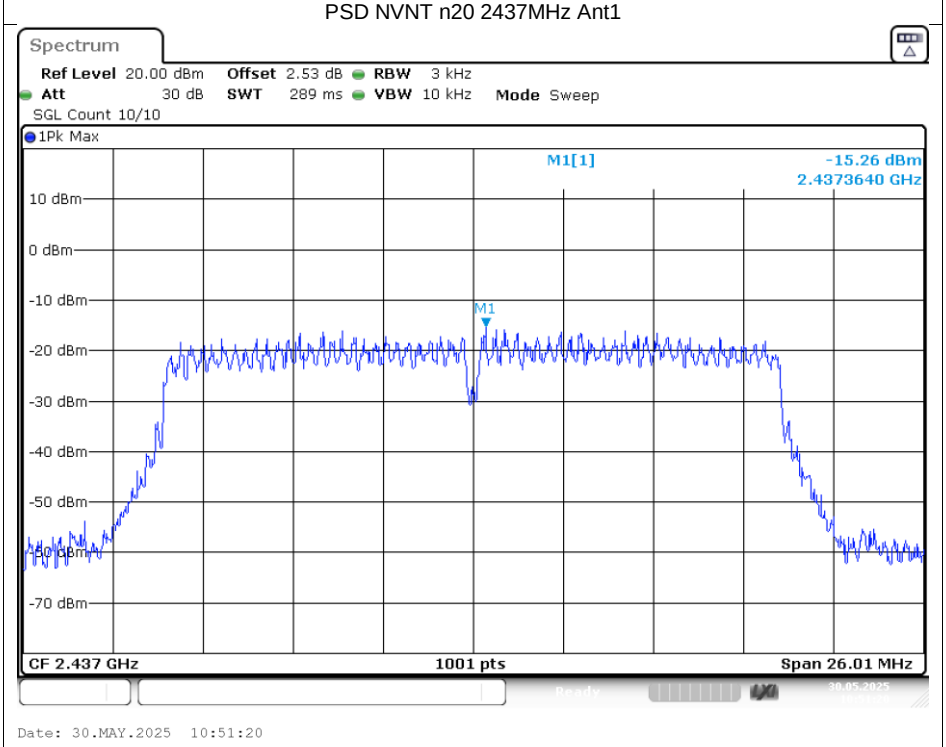
PSD NVNT g 2462MHz Ant1



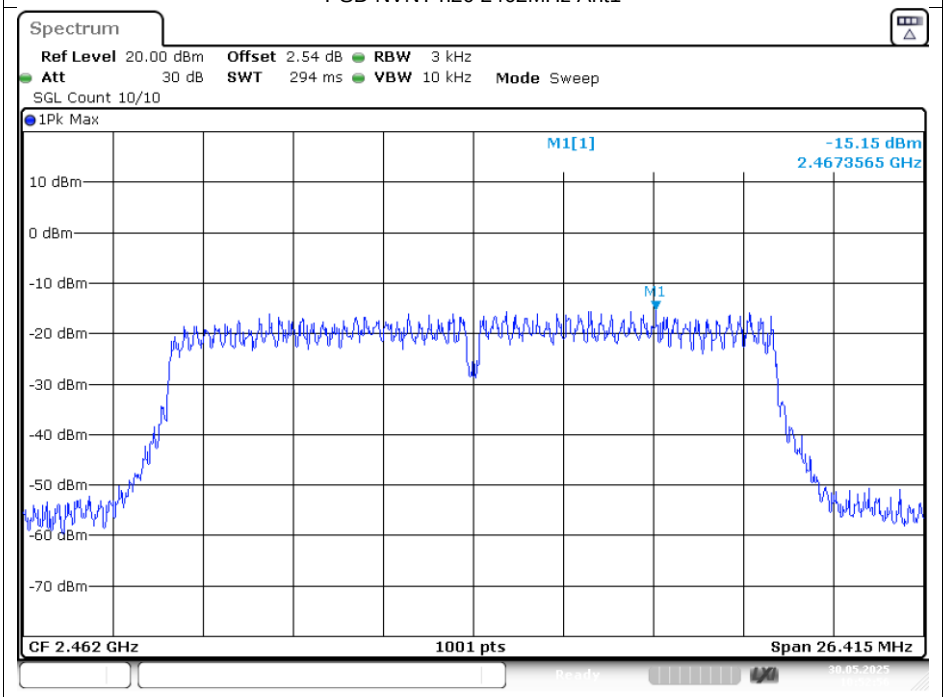
PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2437MHz Ant1

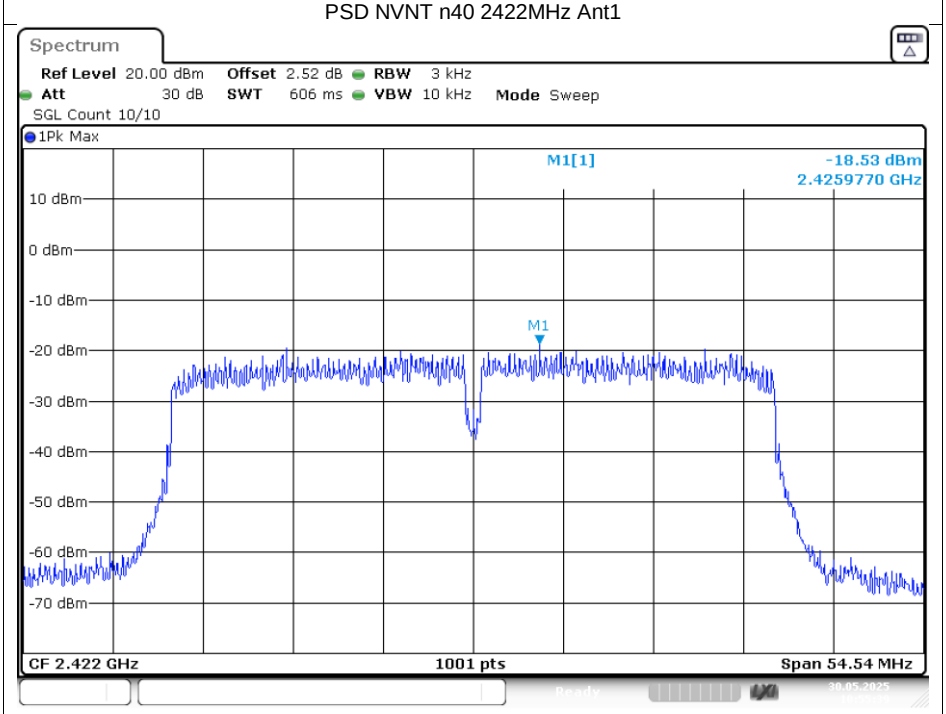


PSD NVNT n20 2462MHz Ant1



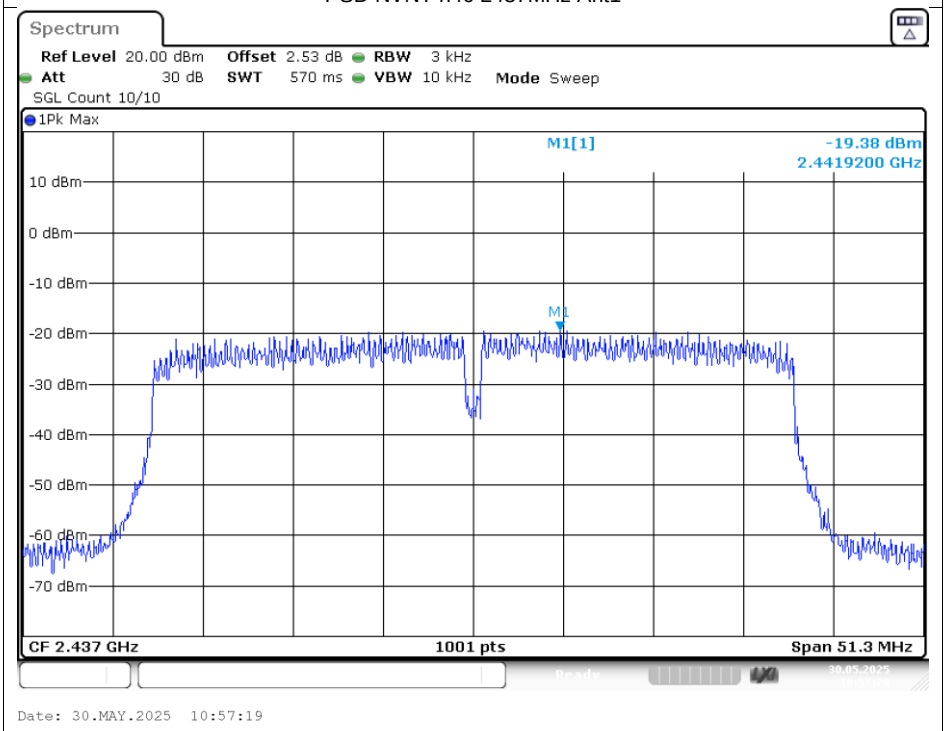
Date: 30.MAY.2025 10:52:56

PSD NVNT n40 2422MHz Ant1

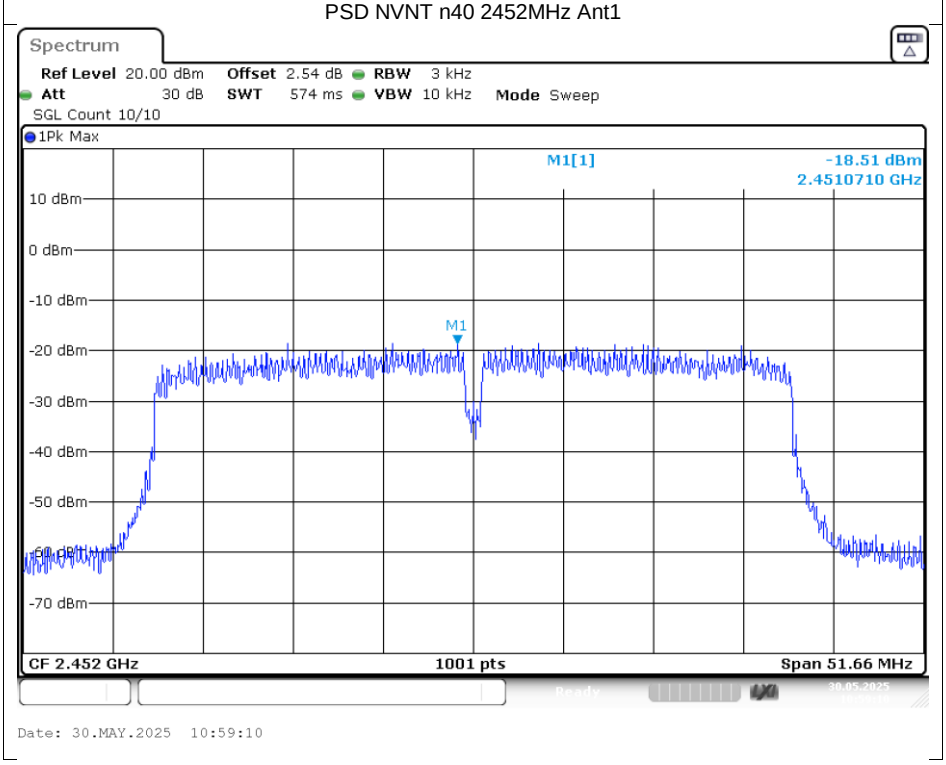


Date: 30.MAY.2025 10:55:39

PSD NVNT n40 2437MHz Ant1



PSD NVNT n40 2452MHz Ant1

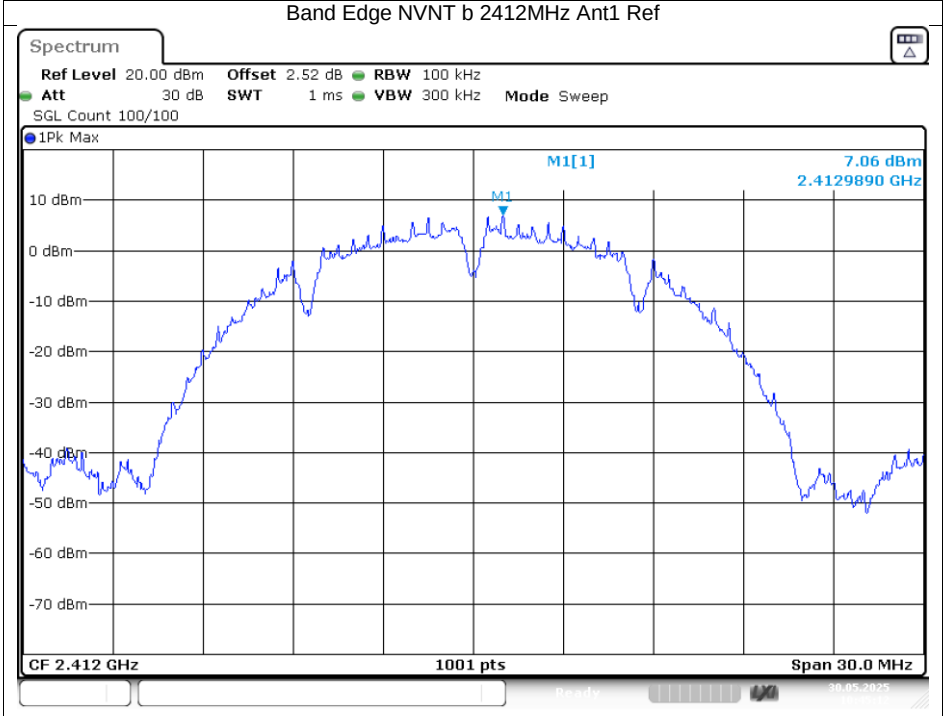


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-47.11	-20	Pass
NVNT	b	2462	Ant1	-56.08	-20	Pass
NVNT	g	2412	Ant1	-36.59	-20	Pass
NVNT	g	2462	Ant1	-38.78	-20	Pass
NVNT	n20	2412	Ant1	-40.04	-20	Pass
NVNT	n20	2462	Ant1	-46.74	-20	Pass
NVNT	n40	2422	Ant1	-37.51	-20	Pass
NVNT	n40	2452	Ant1	-37.94	-20	Pass

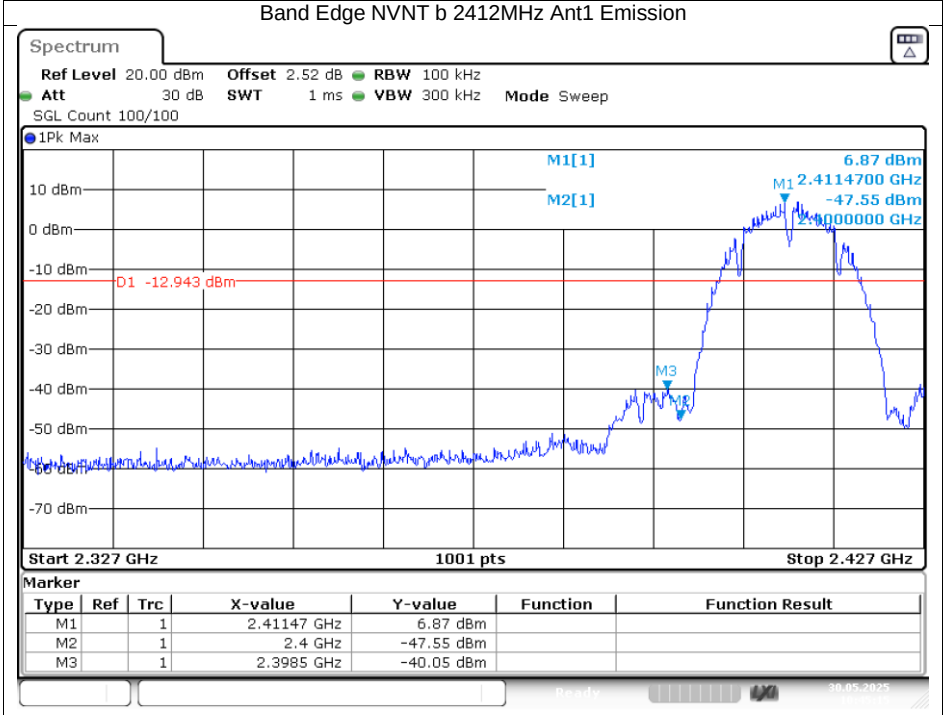
Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



Date: 30.MAY.2025 10:45:12

Band Edge NVNT b 2412MHz Ant1 Emission

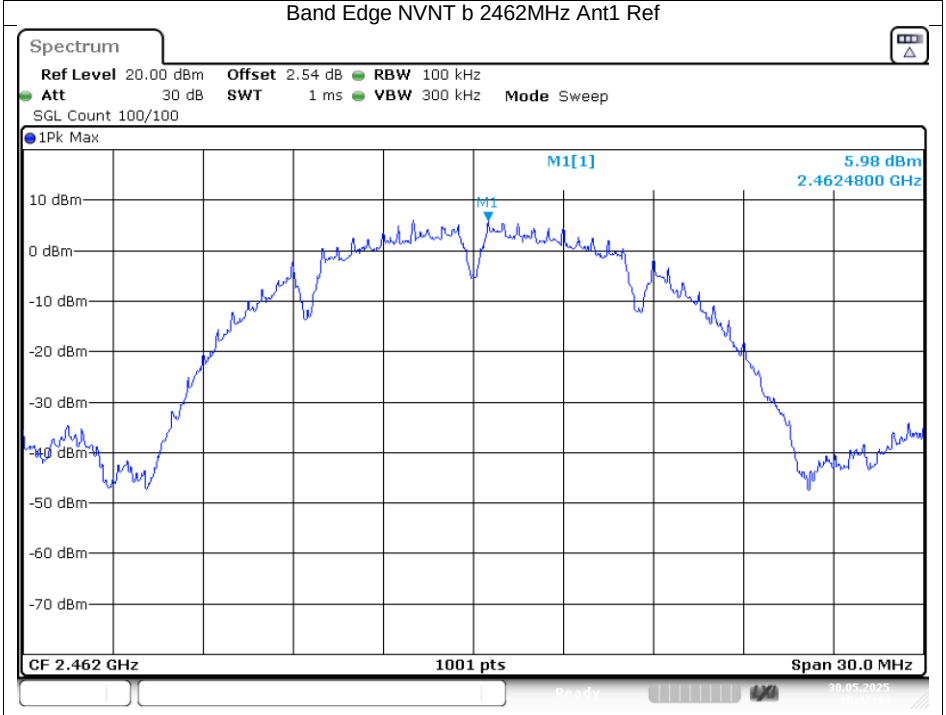


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41147 GHz	6.87 dBm		
M2		1	2.4 GHz	-47.55 dBm		
M3		1	2.3985 GHz	-40.05 dBm		

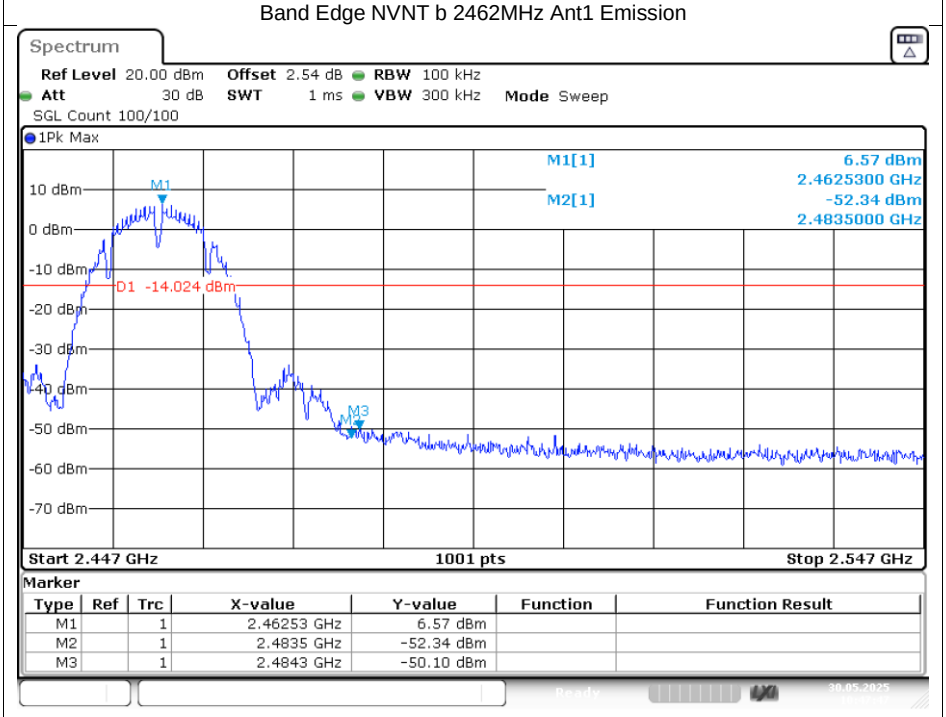
Date: 30.MAY.2025 10:45:15

Band Edge NVNT b 2462MHz Ant1 Ref



Date: 30.MAY.2025 10:47:43

Band Edge NVNT b 2462MHz Ant1 Emission

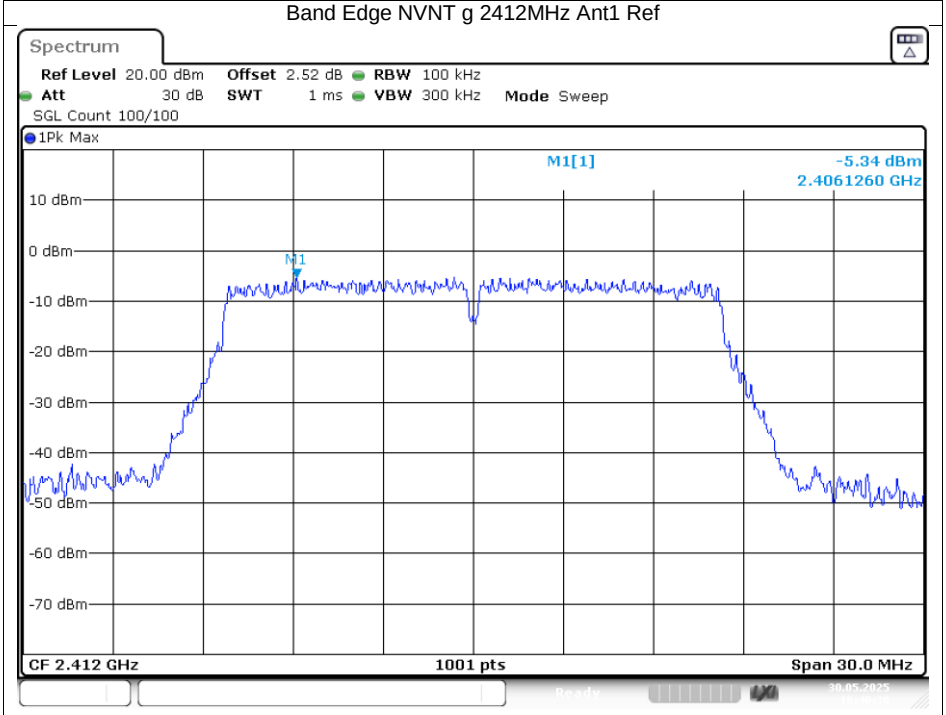


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46253 GHz	6.57 dBm		
M2		1	2.4835 GHz	-52.34 dBm		
M3		1	2.4843 GHz	-50.10 dBm		

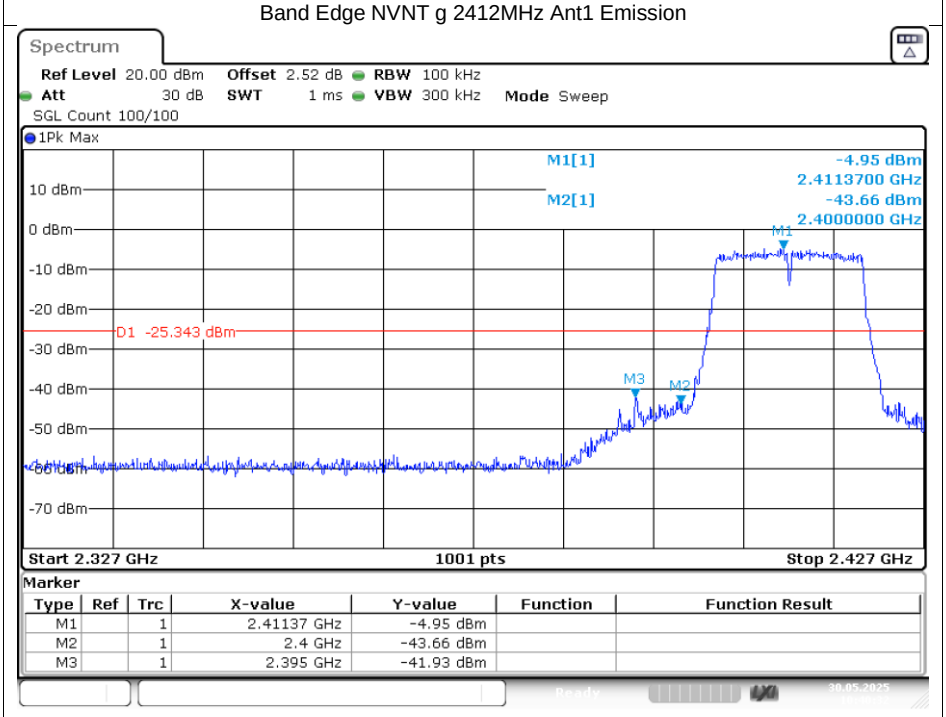
Date: 30.MAY.2025 10:47:46

Band Edge NVNT g 2412MHz Ant1 Ref



Date: 30.MAY.2025 10:40:29

Band Edge NVNT g 2412MHz Ant1 Emission

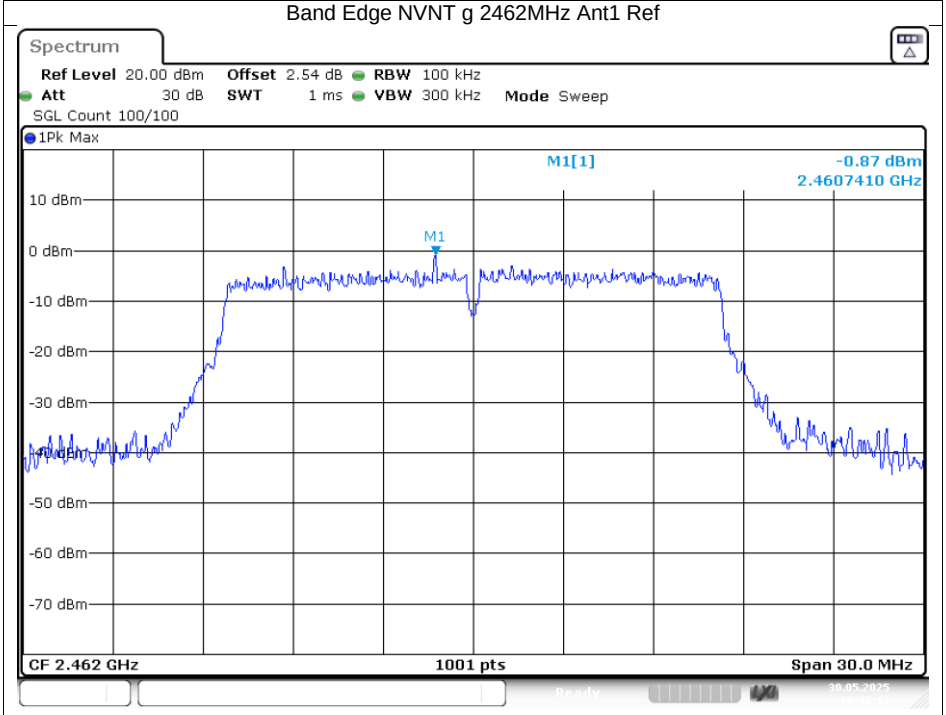


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41137 GHz	-4.95 dBm		
M2		1	2.4 GHz	-43.66 dBm		
M3		1	2.395 GHz	-41.93 dBm		

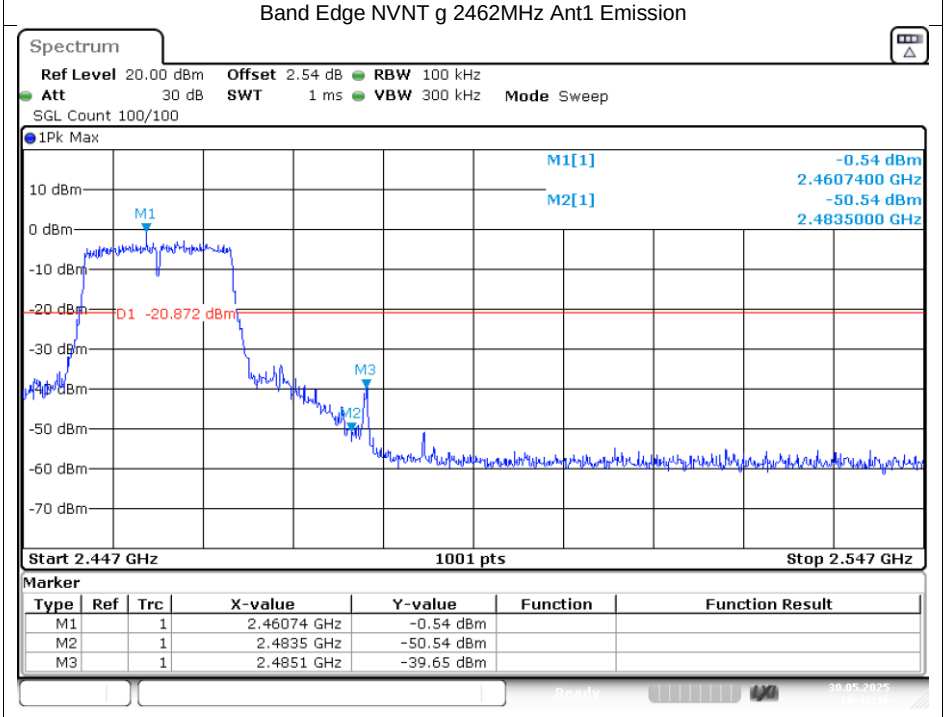
Date: 30.MAY.2025 10:40:33

Band Edge NVNT g 2462MHz Ant1 Ref



Date: 30.MAY.2025 10:43:13

Band Edge NVNT g 2462MHz Ant1 Emission

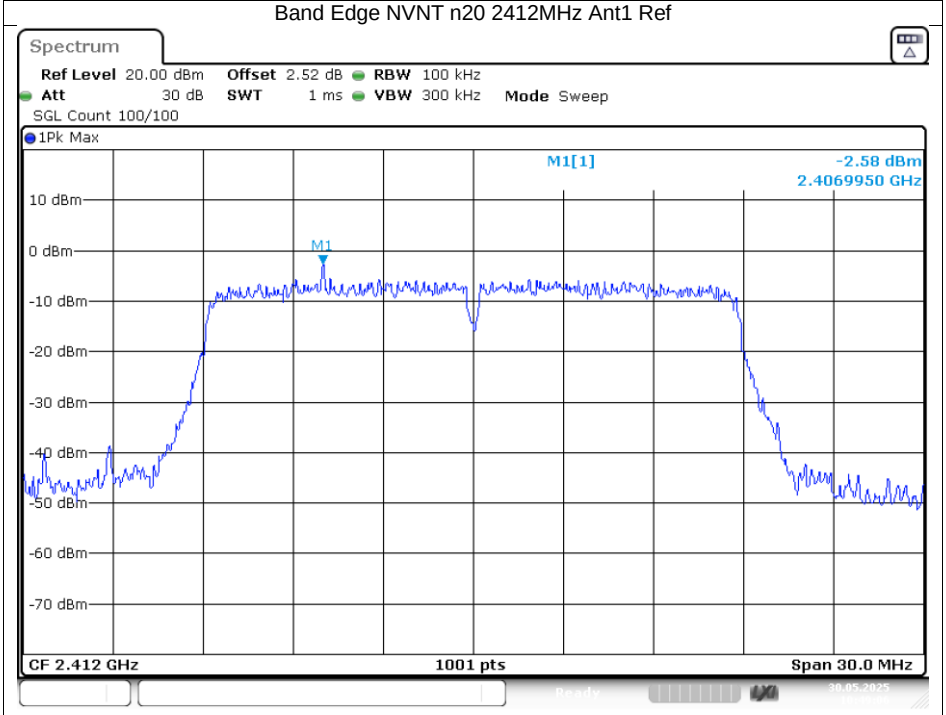


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46074 GHz	-0.54 dBm		
M2		1	2.4835 GHz	-50.54 dBm		
M3		1	2.4851 GHz	-39.65 dBm		

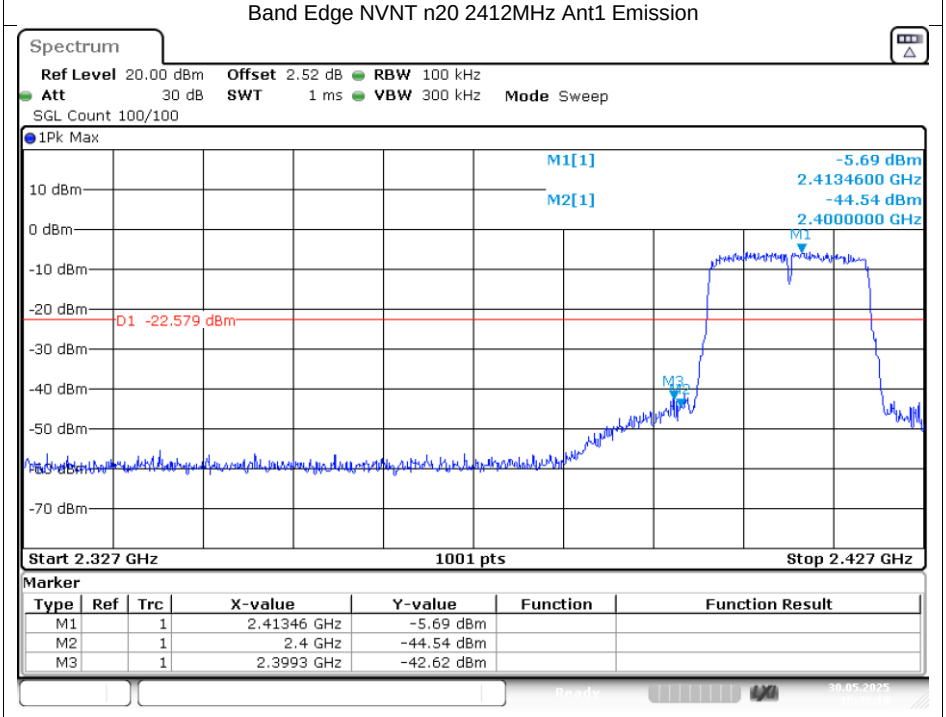
Date: 30.MAY.2025 10:43:16

Band Edge NVNT n20 2412MHz Ant1 Ref



Date: 30.MAY.2025 10:49:06

Band Edge NVNT n20 2412MHz Ant1 Emission

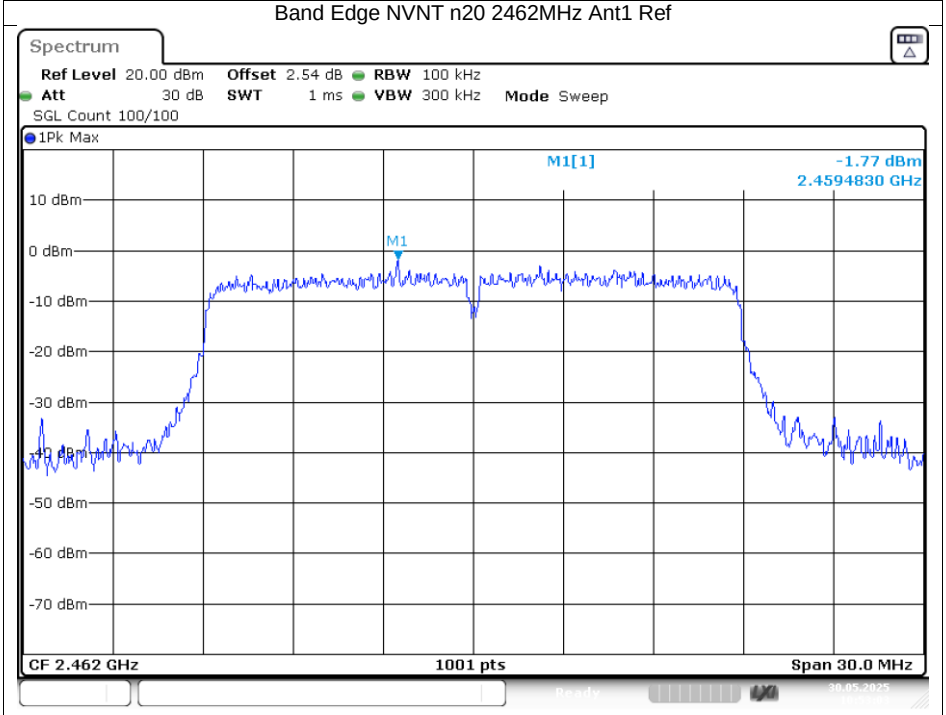


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41346 GHz	-5.69 dBm		
M2		1	2.4 GHz	-44.54 dBm		
M3		1	2.3993 GHz	-42.62 dBm		

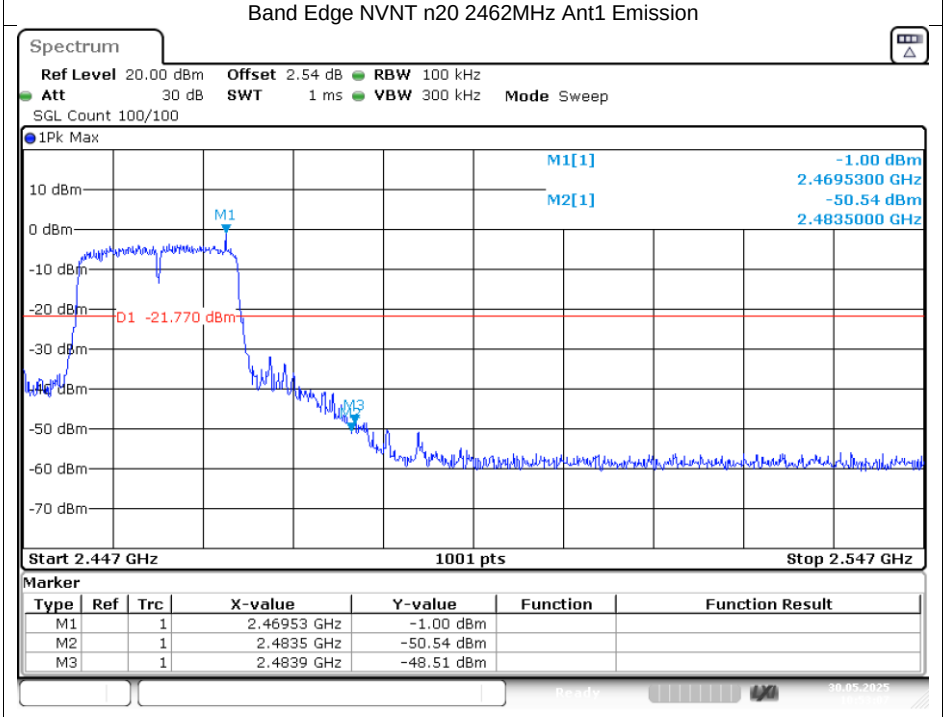
Date: 30.MAY.2025 10:49:10

Band Edge NVNT n20 2462MHz Ant1 Ref



Date: 30.MAY.2025 10:53:03

Band Edge NVNT n20 2462MHz Ant1 Emission

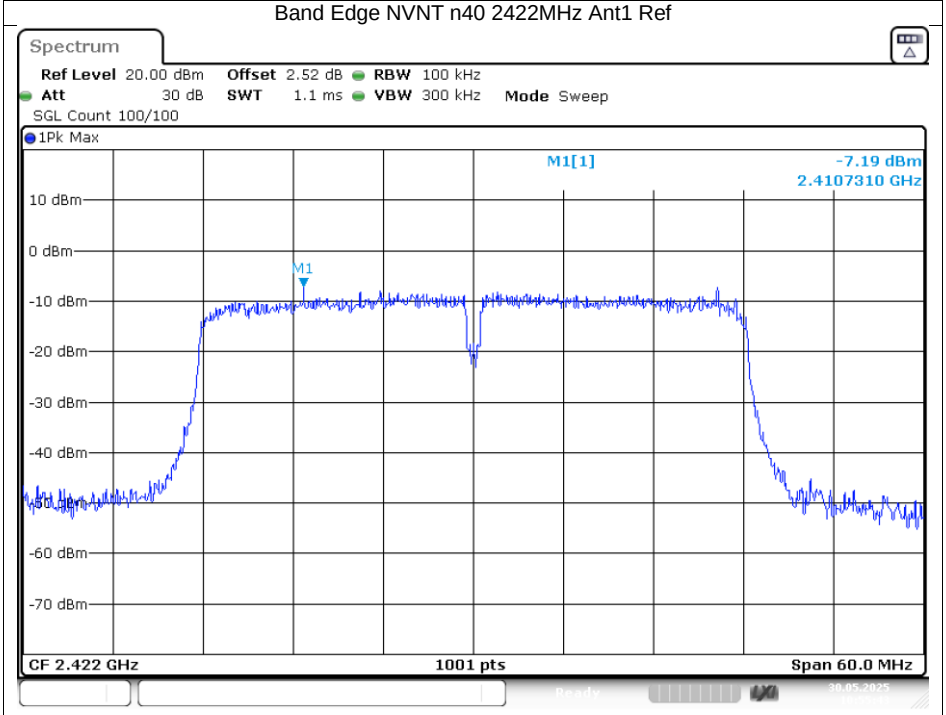


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46953 GHz	-1.00 dBm		
M2		1	2.4835 GHz	-50.54 dBm		
M3		1	2.4839 GHz	-48.51 dBm		

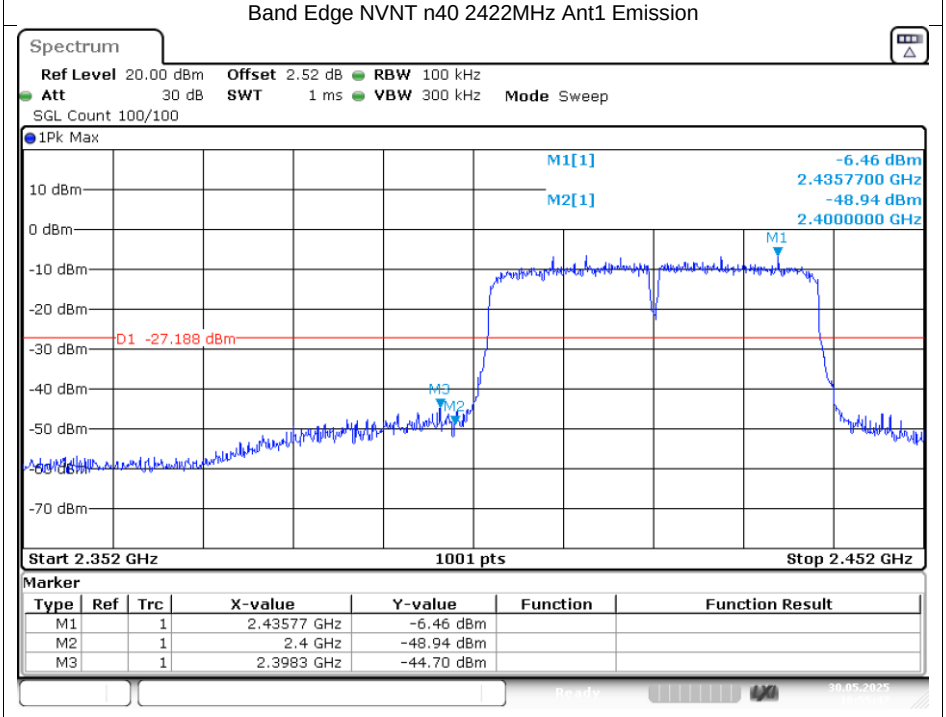
Date: 30.MAY.2025 10:53:06

Band Edge NVNT n40 2422MHz Ant1 Ref



Date: 30.MAY.2025 10:55:43

Band Edge NVNT n40 2422MHz Ant1 Emission

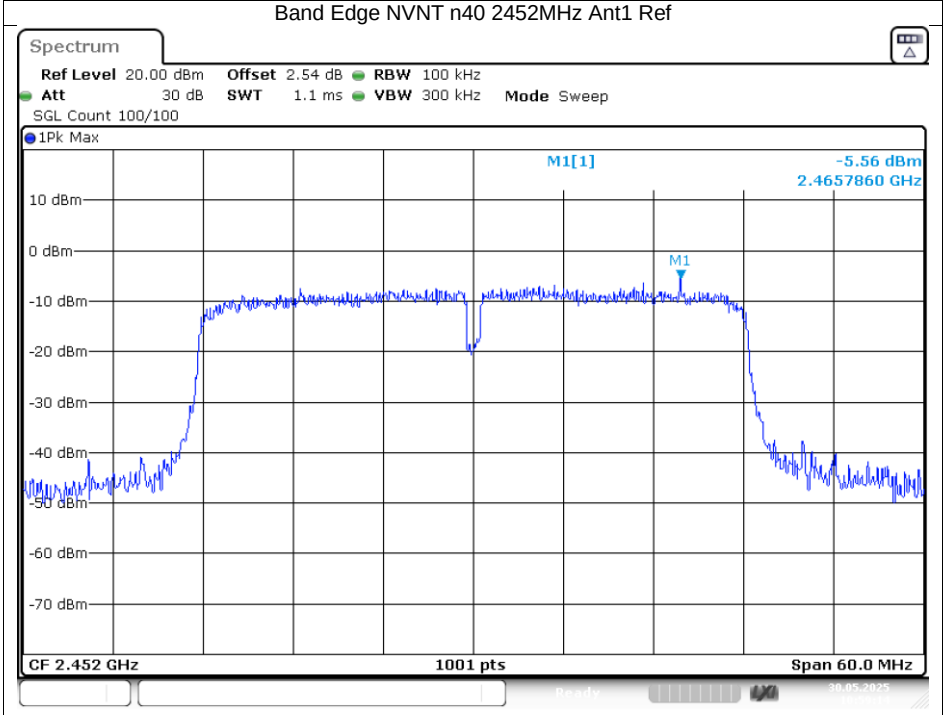


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43577 GHz	-6.46 dBm		
M2		1	2.4 GHz	-48.94 dBm		
M3		1	2.3983 GHz	-44.70 dBm		

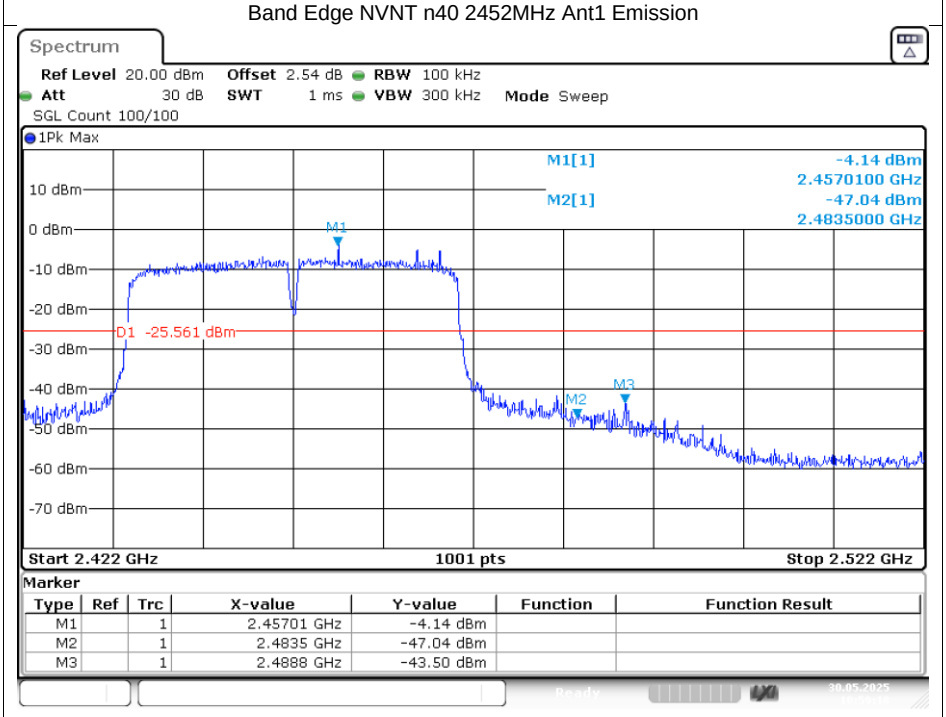
Date: 30.MAY.2025 10:55:47

Band Edge NVNT n40 2452MHz Ant1 Ref



Date: 30.MAY.2025 10:59:14

Band Edge NVNT n40 2452MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45701 GHz	-4.14 dBm		
M2		1	2.4835 GHz	-47.04 dBm		
M3		1	2.4888 GHz	-43.50 dBm		

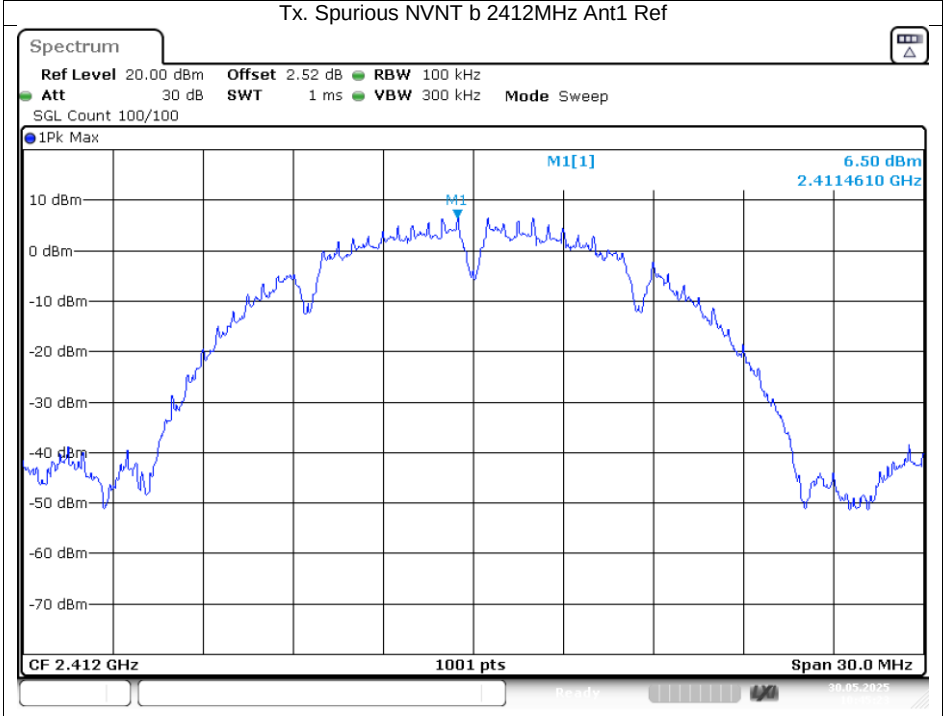
Date: 30.MAY.2025 10:59:17

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-55.36	-20	Pass
NVNT	b	2437	Ant1	-56.53	-20	Pass
NVNT	b	2462	Ant1	-55.22	-20	Pass
NVNT	g	2412	Ant1	-48.02	-20	Pass
NVNT	g	2437	Ant1	-46.72	-20	Pass
NVNT	g	2462	Ant1	-47.34	-20	Pass
NVNT	n20	2412	Ant1	-46.83	-20	Pass
NVNT	n20	2437	Ant1	-48.58	-20	Pass
NVNT	n20	2462	Ant1	-48.19	-20	Pass
NVNT	n40	2422	Ant1	-44.02	-20	Pass
NVNT	n40	2437	Ant1	-45.21	-20	Pass
NVNT	n40	2452	Ant1	-45.17	-20	Pass

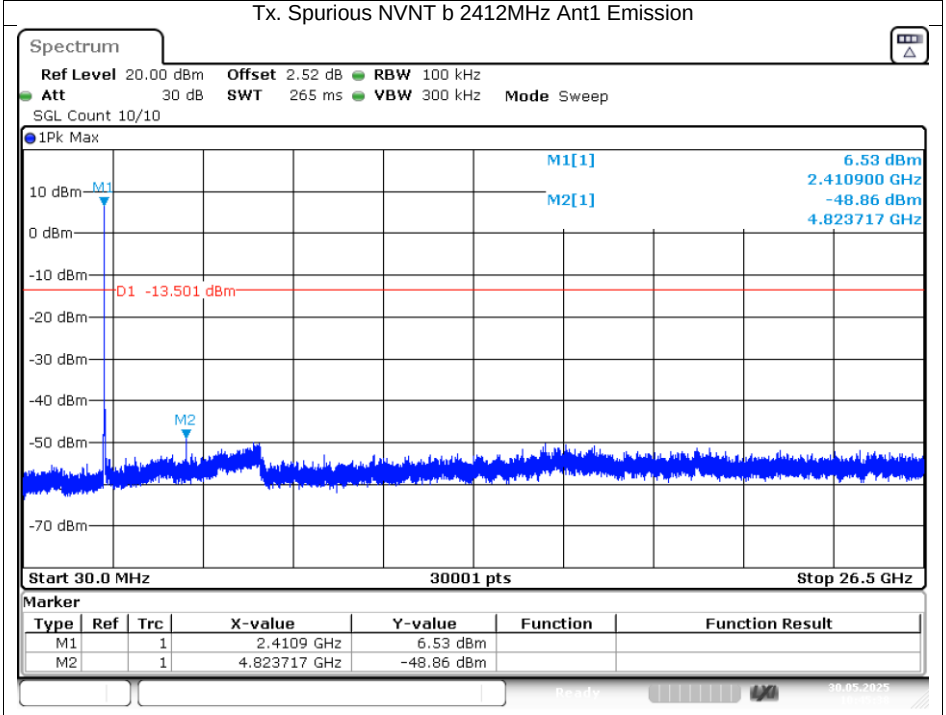
Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



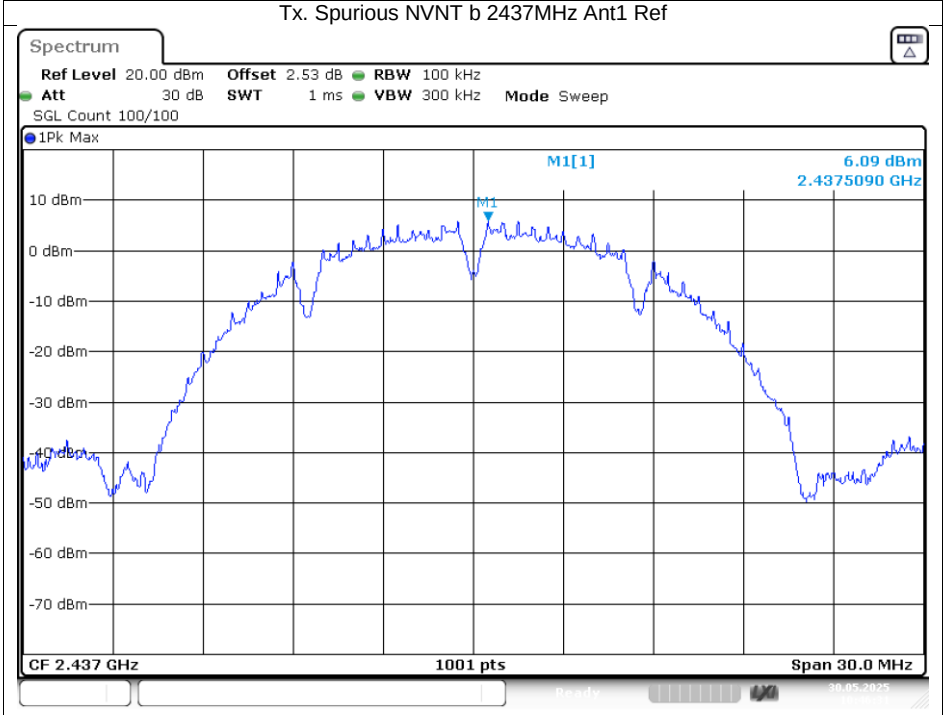
Date: 30.MAY.2025 10:45:22

Tx. Spurious NVNT b 2412MHz Ant1 Emission



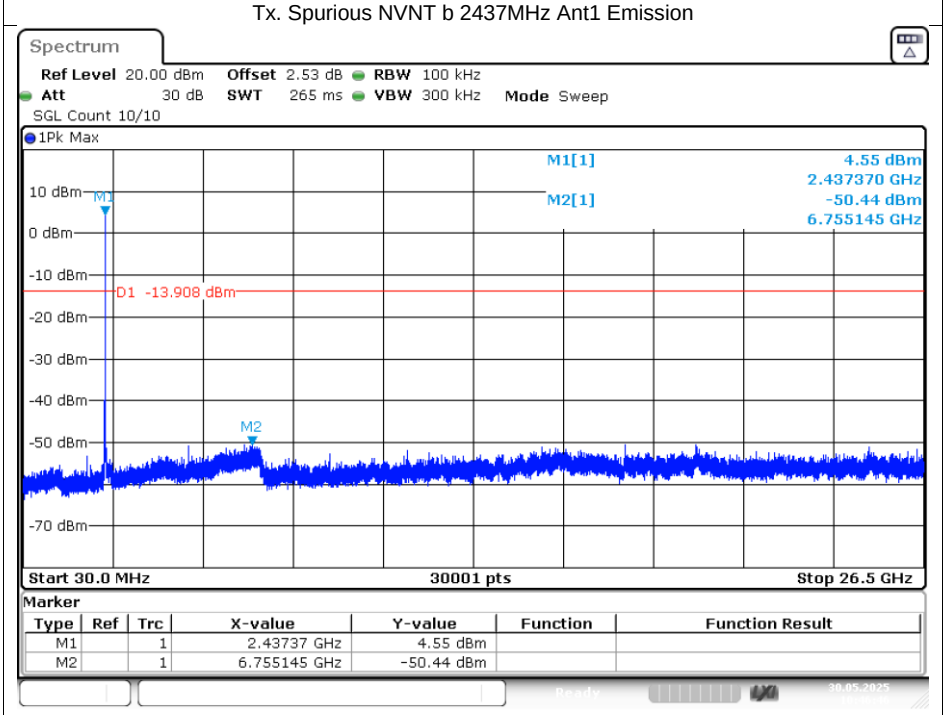
Date: 30.MAY.2025 10:45:38

Tx. Spurious NVNT b 2437MHz Ant1 Ref



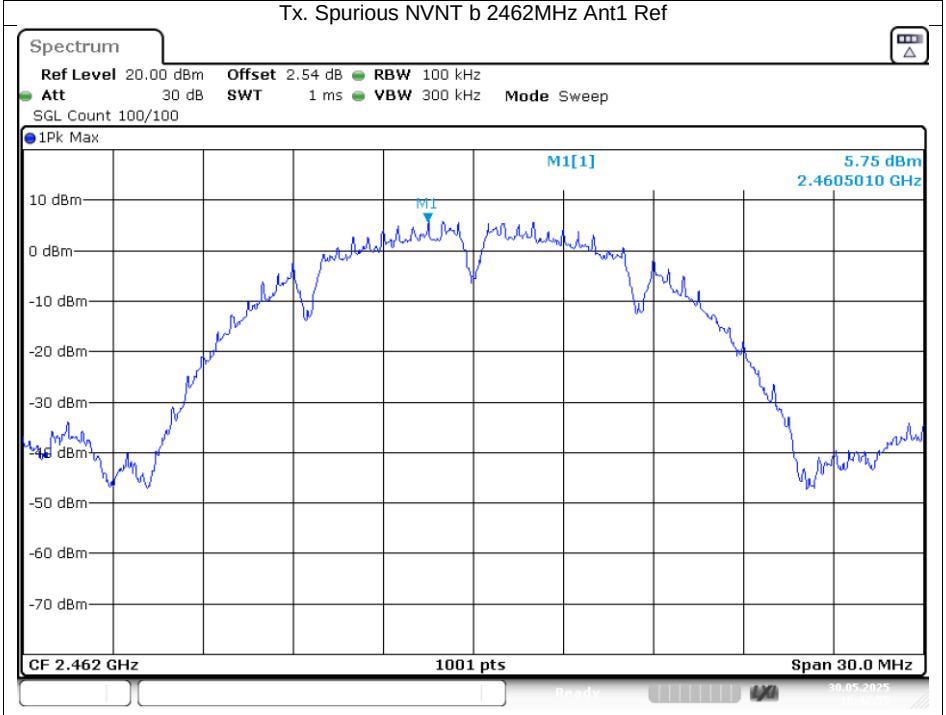
Date: 30.MAY.2025 10:46:31

Tx. Spurious NVNT b 2437MHz Ant1 Emission



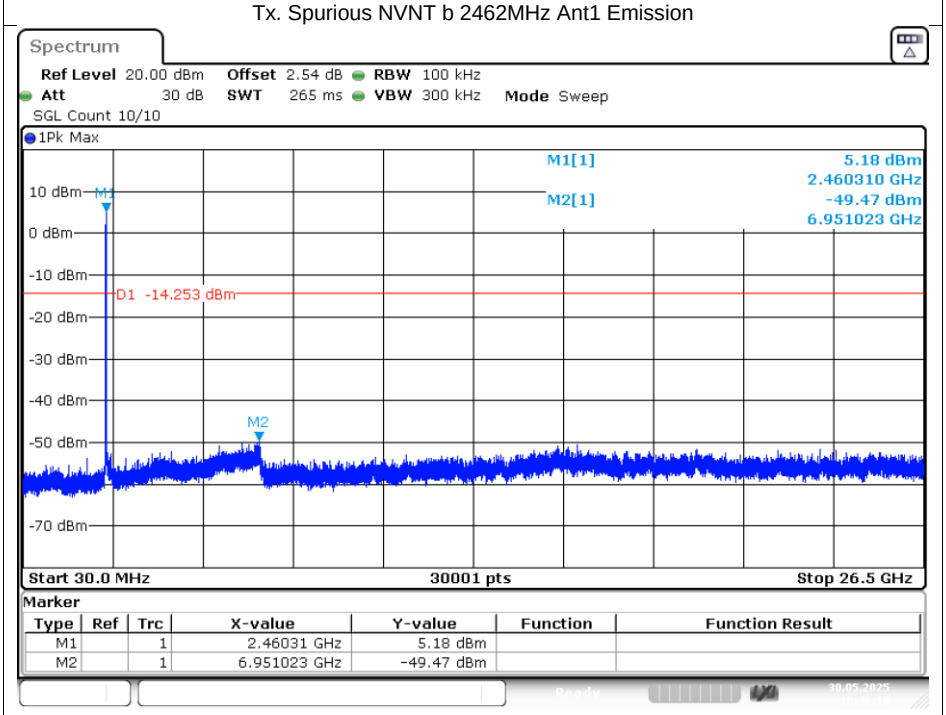
Date: 30.MAY.2025 10:46:46

Tx. Spurious NVNT b 2462MHz Ant1 Ref



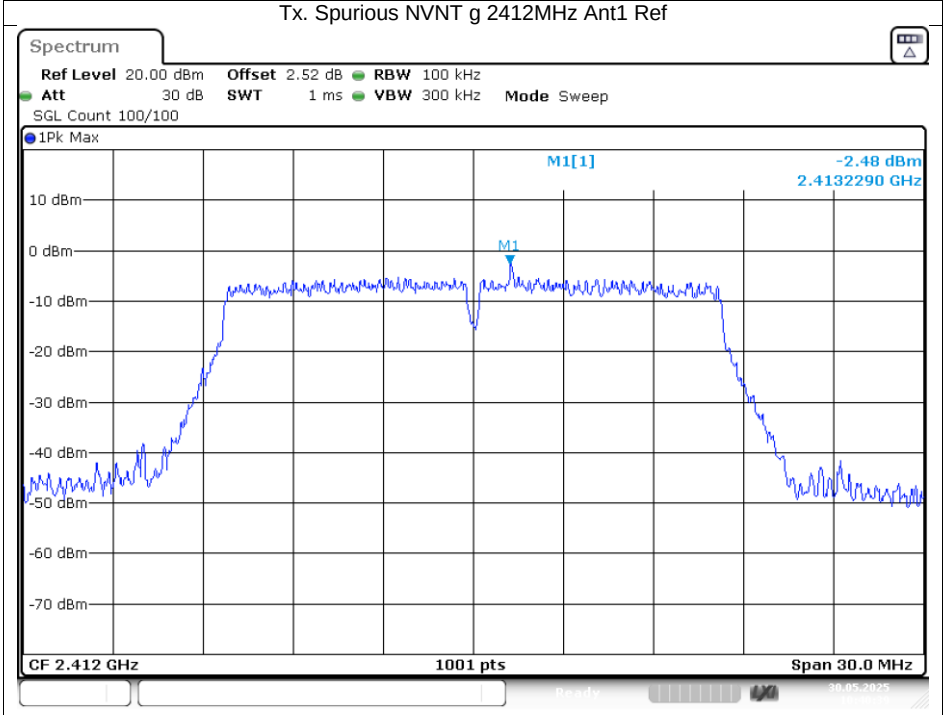
Date: 30.MAY.2025 10:47:54

Tx. Spurious NVNT b 2462MHz Ant1 Emission



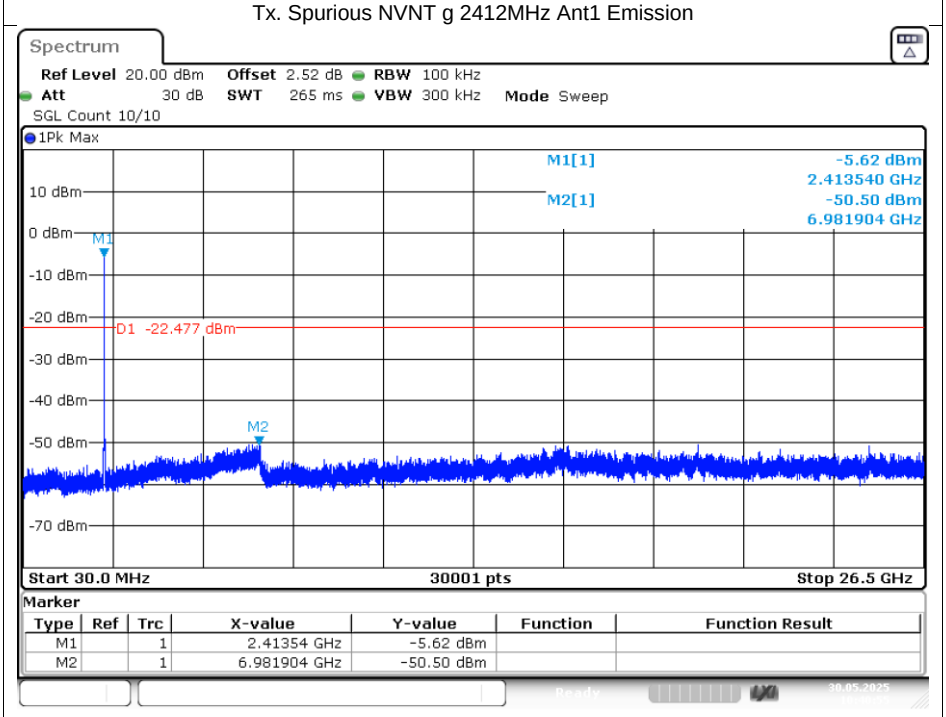
Date: 30.MAY.2025 10:48:10

Tx. Spurious NVNT g 2412MHz Ant1 Ref



Date: 30.MAY.2025 10:40:40

Tx. Spurious NVNT g 2412MHz Ant1 Emission

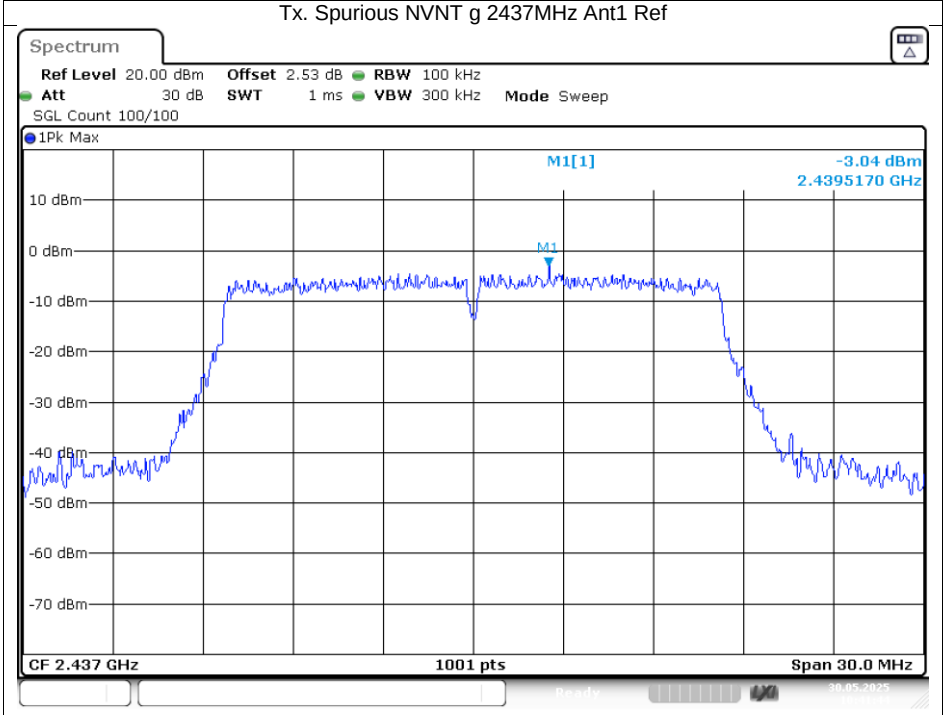


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41354 GHz	-5.62 dBm		
M2		1	6.981904 GHz	-50.50 dBm		

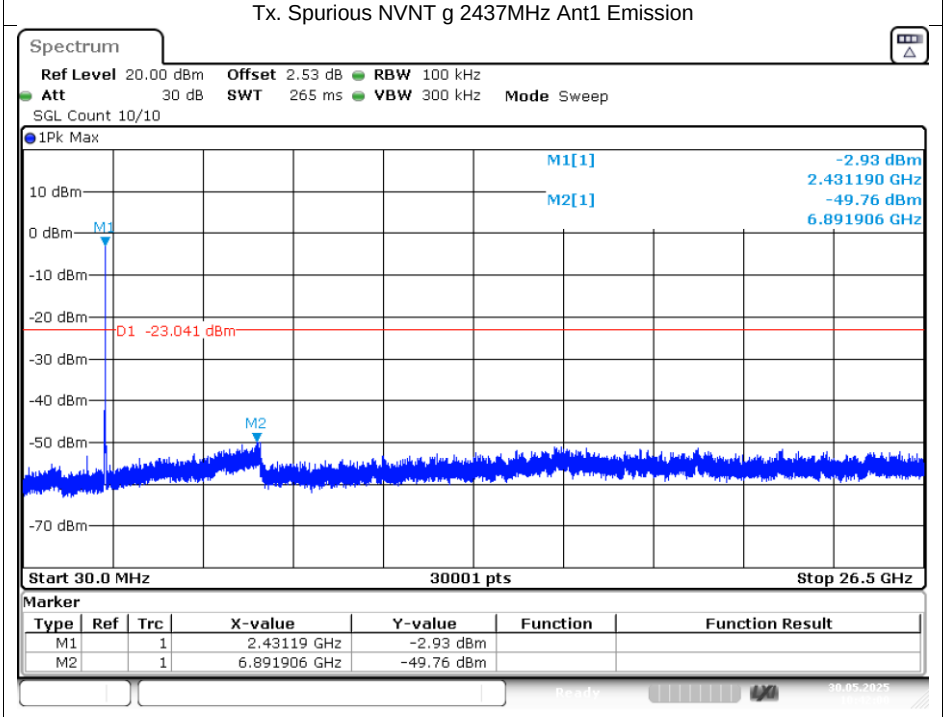
Date: 30.MAY.2025 10:40:55

Tx. Spurious NVNT g 2437MHz Ant1 Ref



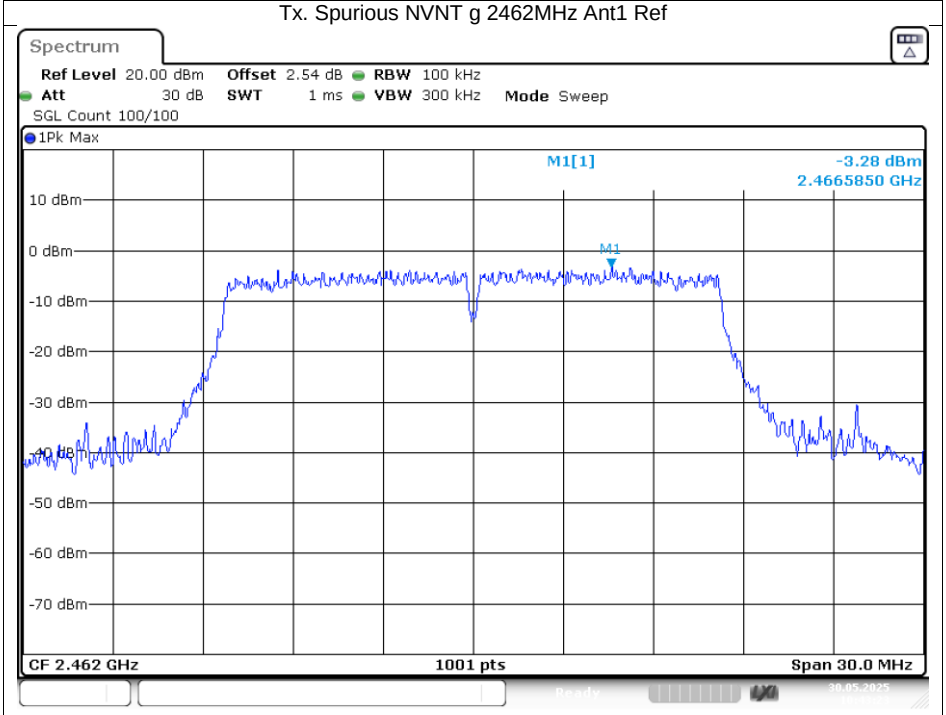
Date: 30.MAY.2025 10:41:44

Tx. Spurious NVNT g 2437MHz Ant1 Emission



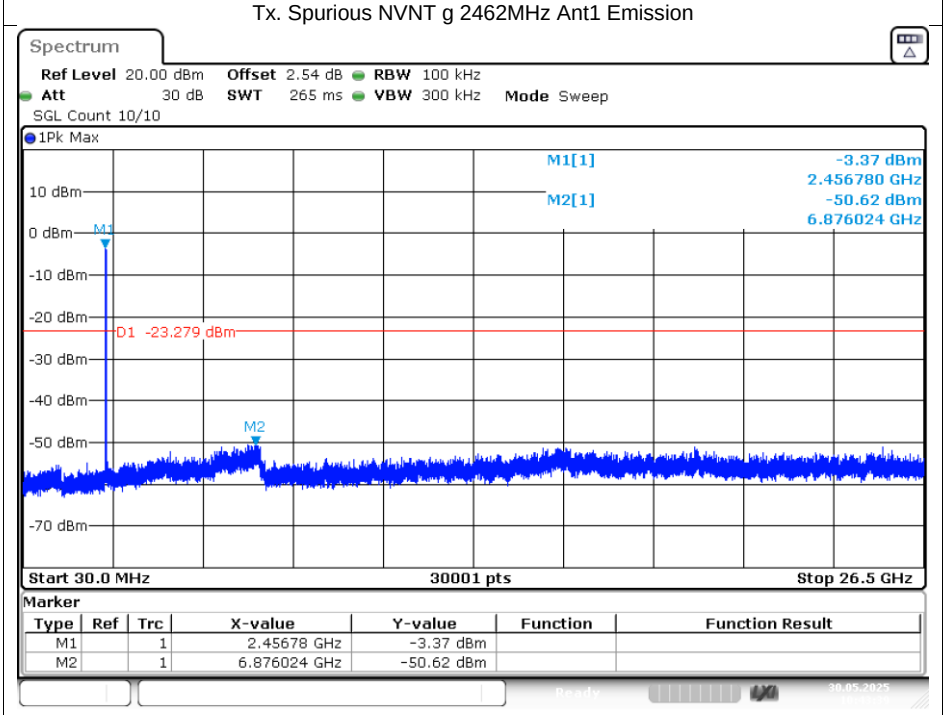
Date: 30.MAY.2025 10:42:00

Tx. Spurious NVNT g 2462MHz Ant1 Ref



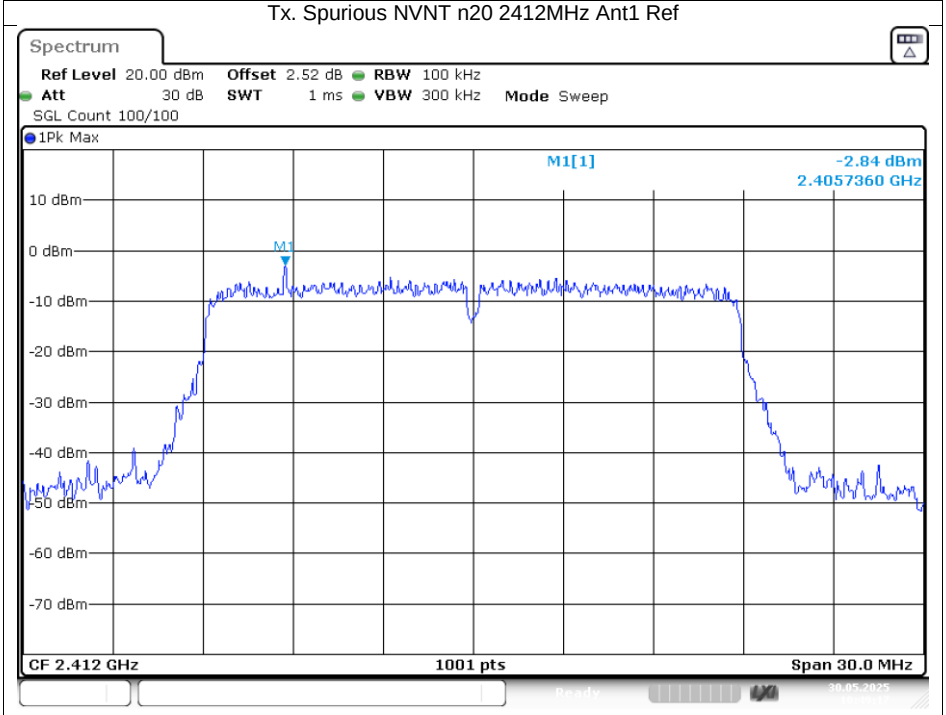
Date: 30.MAY.2025 10:43:24

Tx. Spurious NVNT g 2462MHz Ant1 Emission



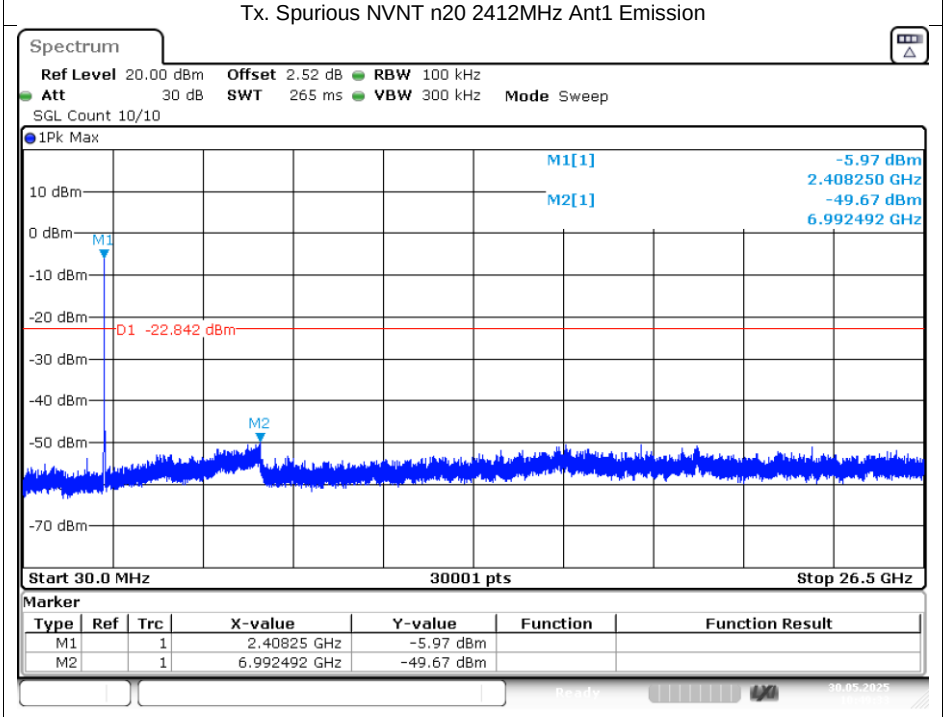
Date: 30.MAY.2025 10:43:39

Tx. Spurious NVNT n20 2412MHz Ant1 Ref



Date: 30.MAY.2025 10:49:17

Tx. Spurious NVNT n20 2412MHz Ant1 Emission

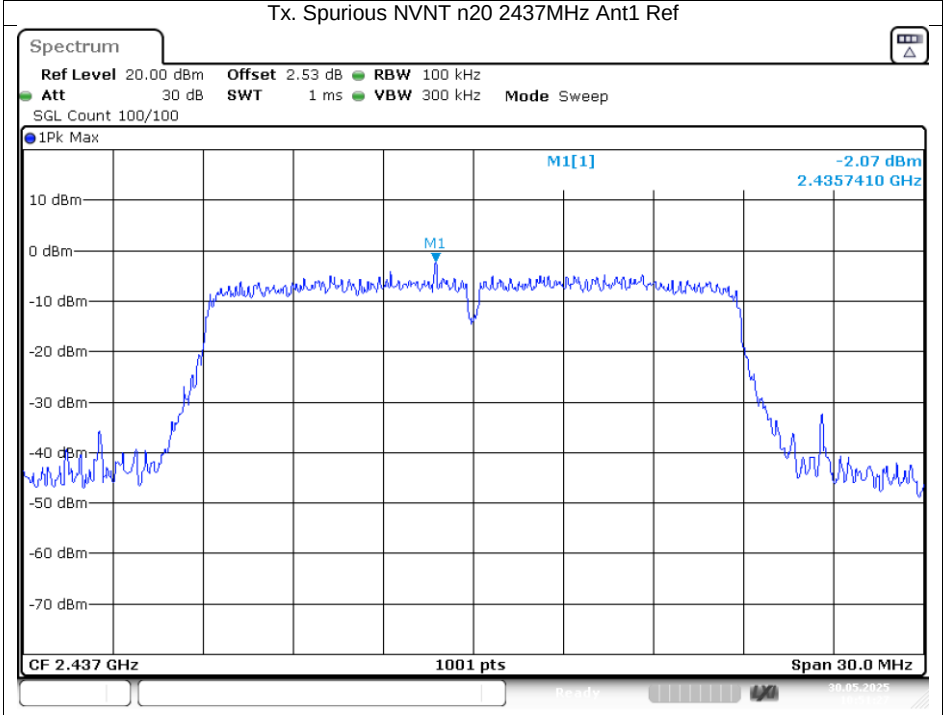


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40825 GHz	-5.97 dBm		
M2		1	6.992492 GHz	-49.67 dBm		

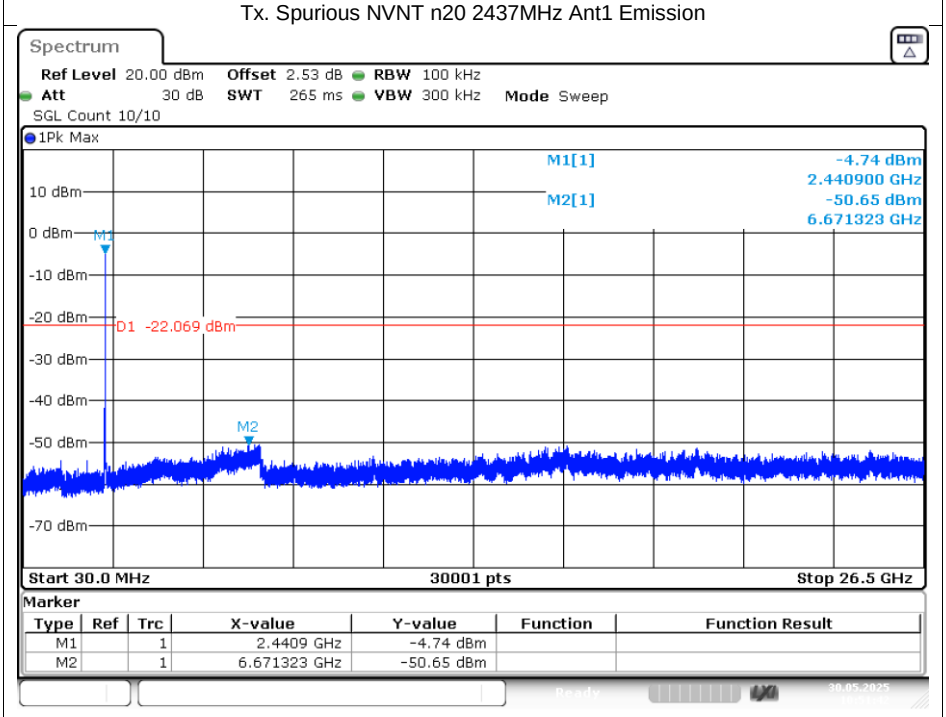
Date: 30.MAY.2025 10:49:32

Tx. Spurious NVNT n20 2437MHz Ant1 Ref



Date: 30.MAY.2025 10:51:27

Tx. Spurious NVNT n20 2437MHz Ant1 Emission

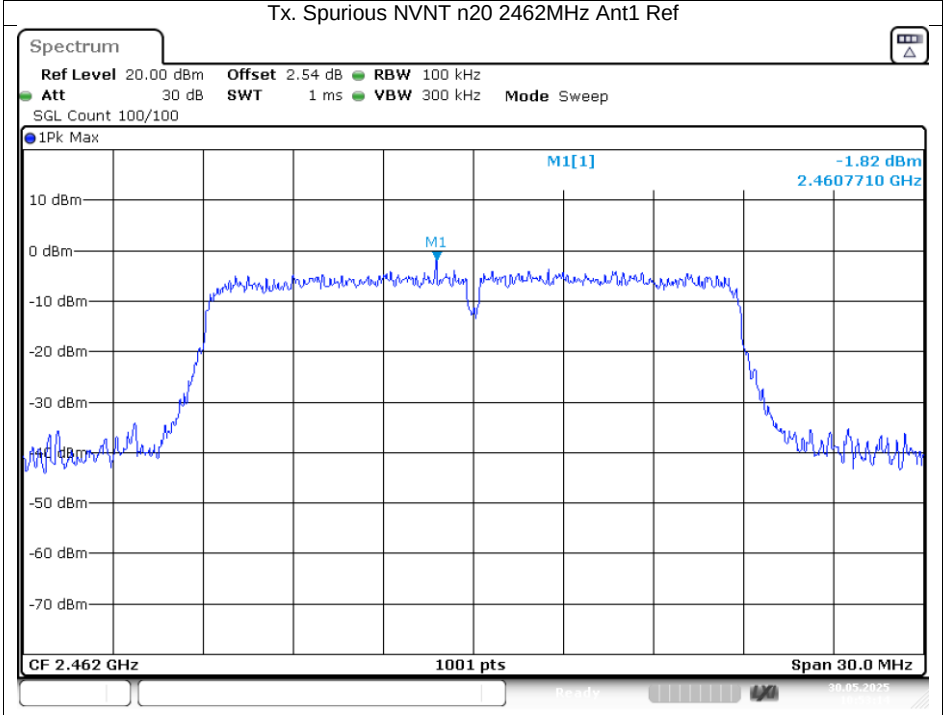


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4409 GHz	-4.74 dBm		
M2		1	6.671323 GHz	-50.65 dBm		

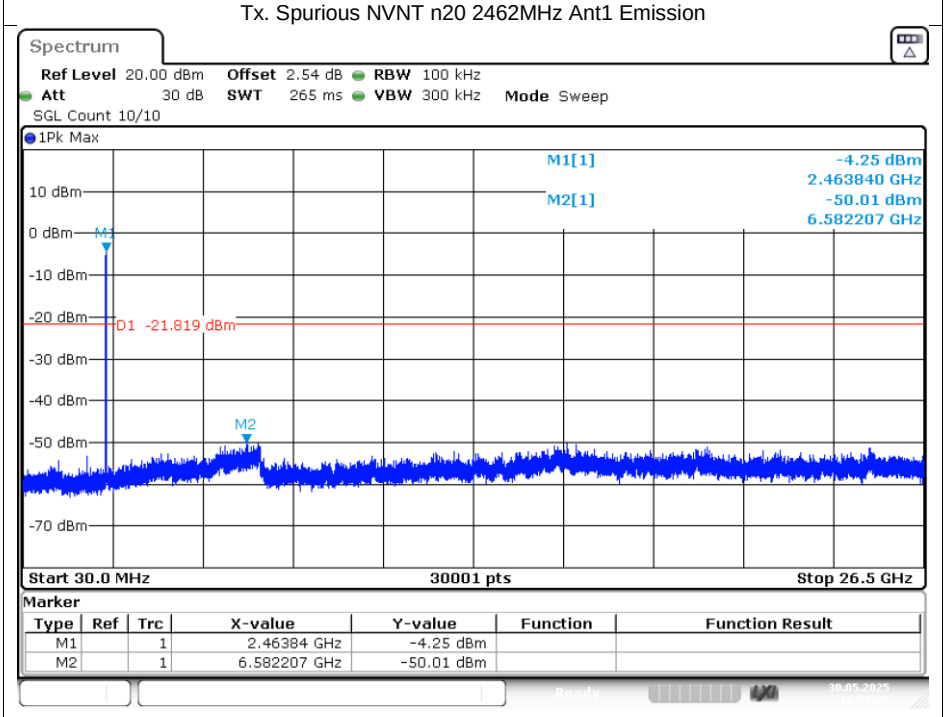
Date: 30.MAY.2025 10:51:42

Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Date: 30.MAY.2025 10:53:14

Tx. Spurious NVNT n20 2462MHz Ant1 Emission

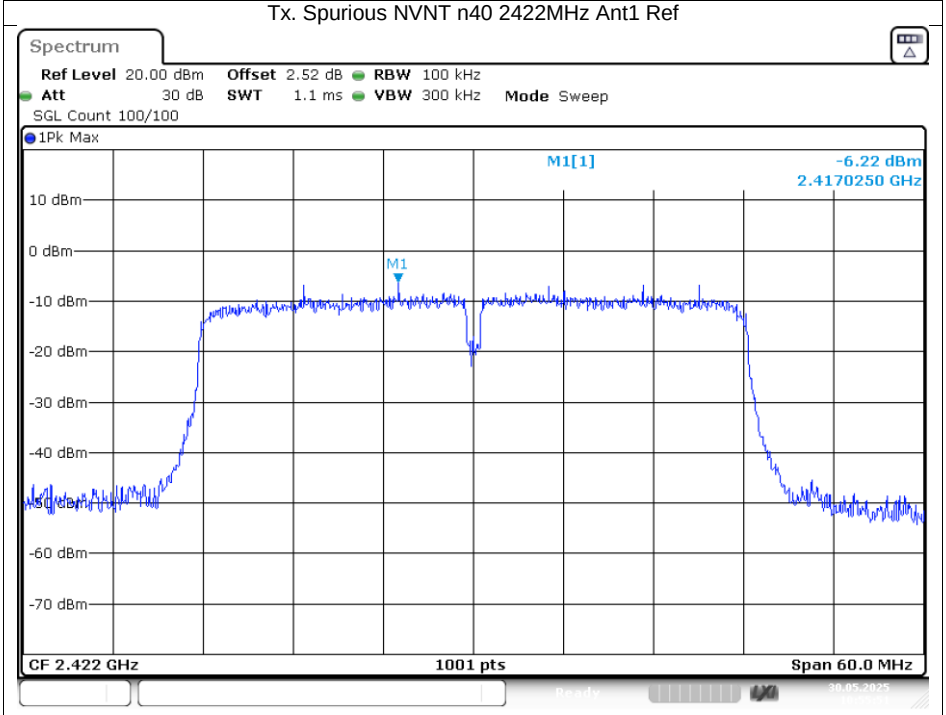


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46384 GHz	-4.25 dBm		
M2		1	6.582207 GHz	-50.01 dBm		

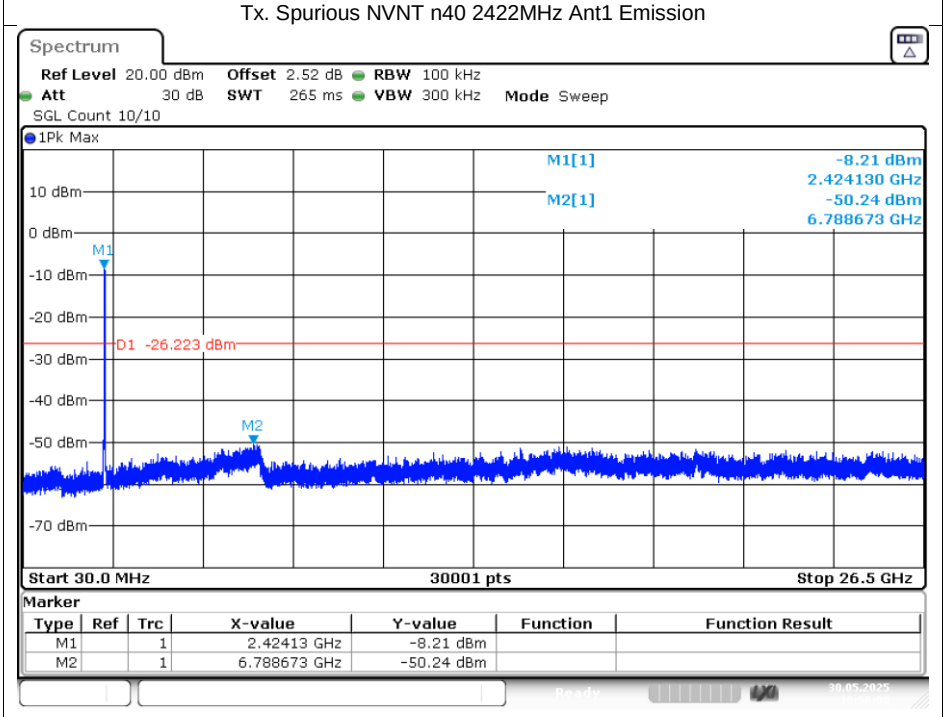
Date: 30.MAY.2025 10:53:29

Tx. Spurious NVNT n40 2422MHz Ant1 Ref



Date: 30.MAY.2025 10:55:52

Tx. Spurious NVNT n40 2422MHz Ant1 Emission

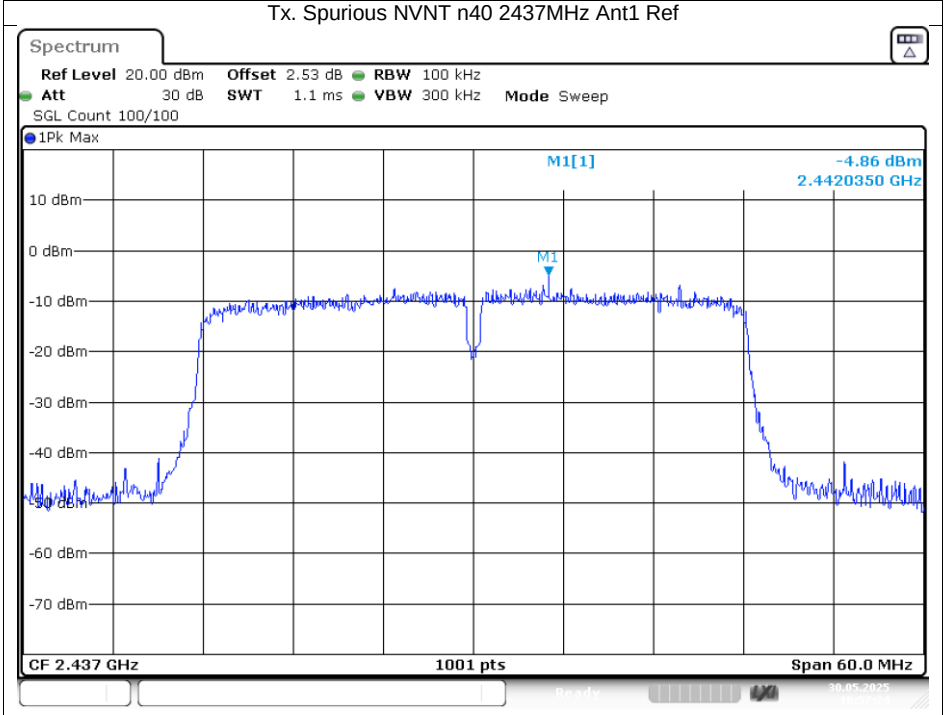


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.42413 GHz	-8.21 dBm		
M2		1	6.788673 GHz	-50.24 dBm		

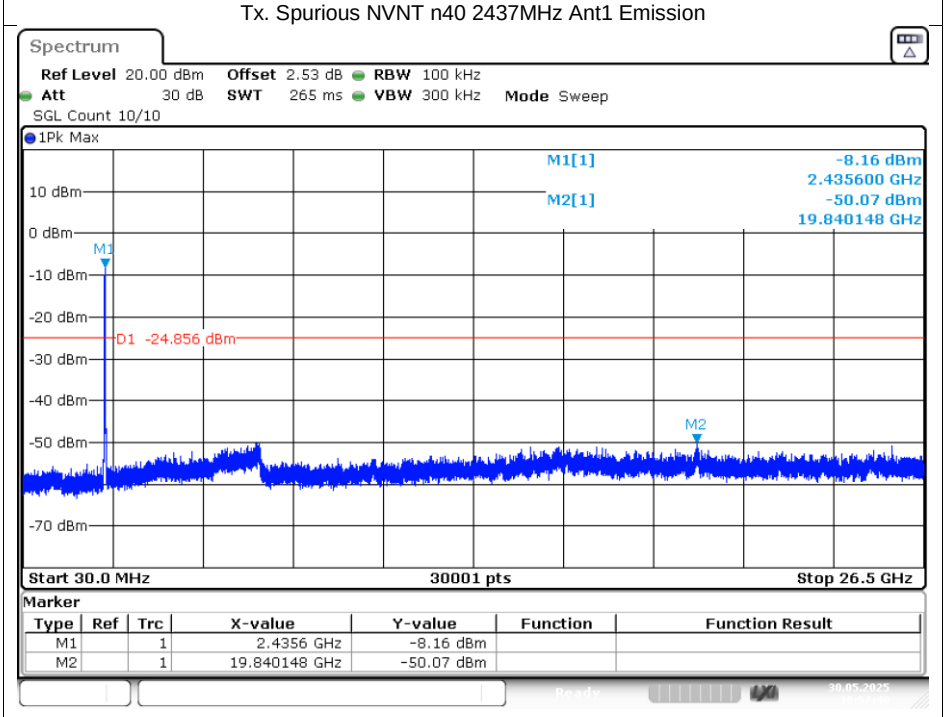
Date: 30.MAY.2025 10:56:07

Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Date: 30.MAY.2025 10:57:24

Tx. Spurious NVNT n40 2437MHz Ant1 Emission

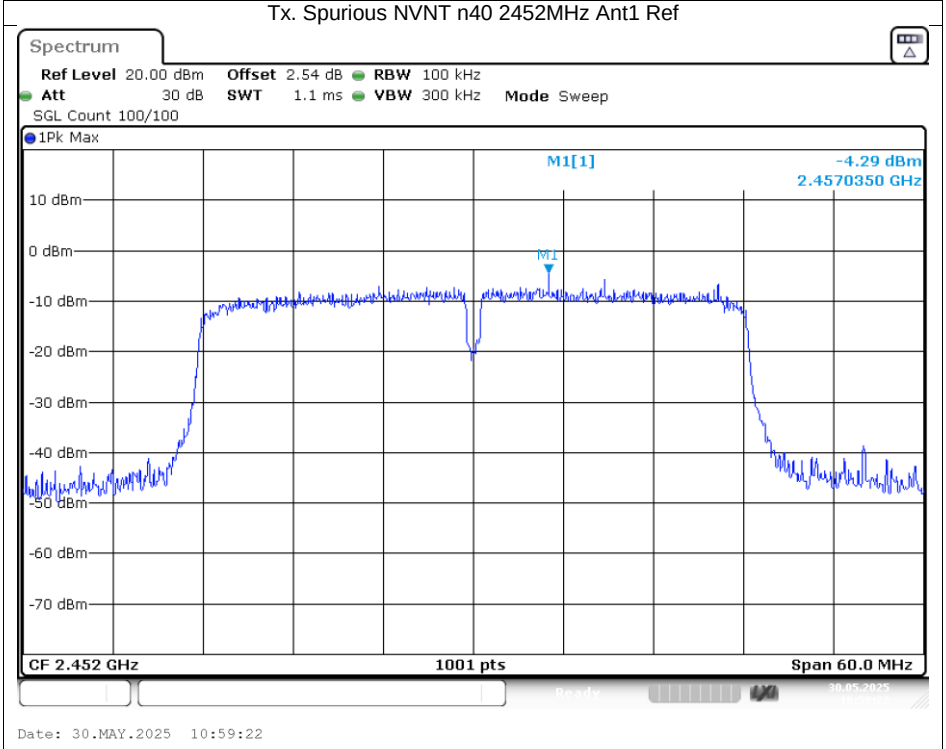


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4356 GHz	-8.16 dBm		
M2		1	19.840148 GHz	-50.07 dBm		

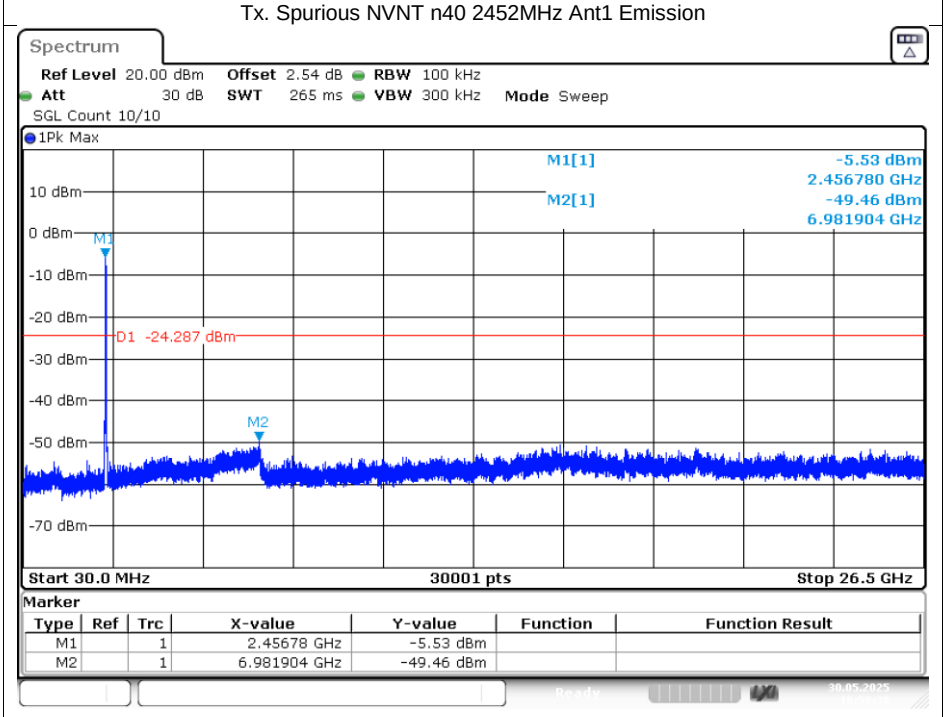
Date: 30.MAY.2025 10:57:40

Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Date: 30.MAY.2025 10:59:22

Tx. Spurious NVNT n40 2452MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45678 GHz	-5.53 dBm		
M2		1	6.981904 GHz	-49.46 dBm		

Date: 30.MAY.2025 10:59:37

END OF REPORT