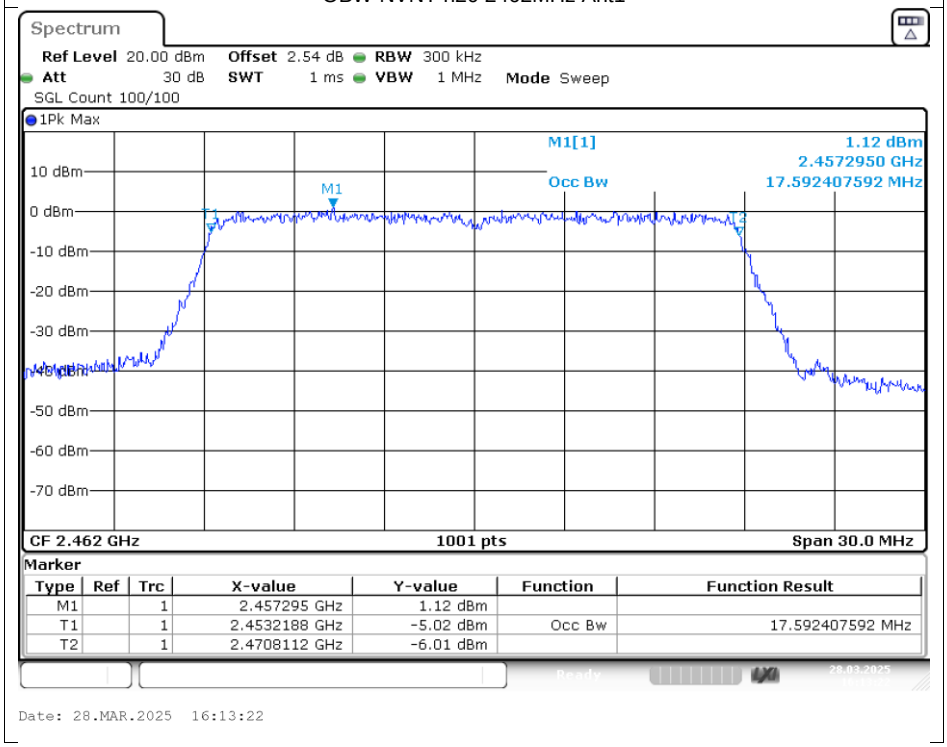
OBW NVNT n20 2462MHz Ant1

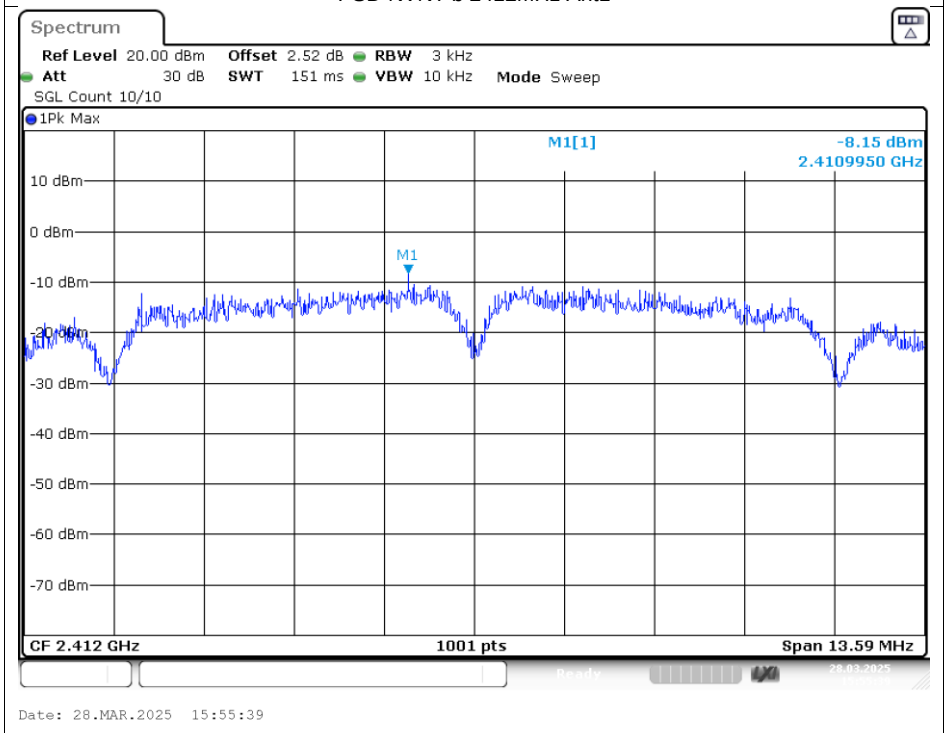


Maximum Power Spectral Density Level

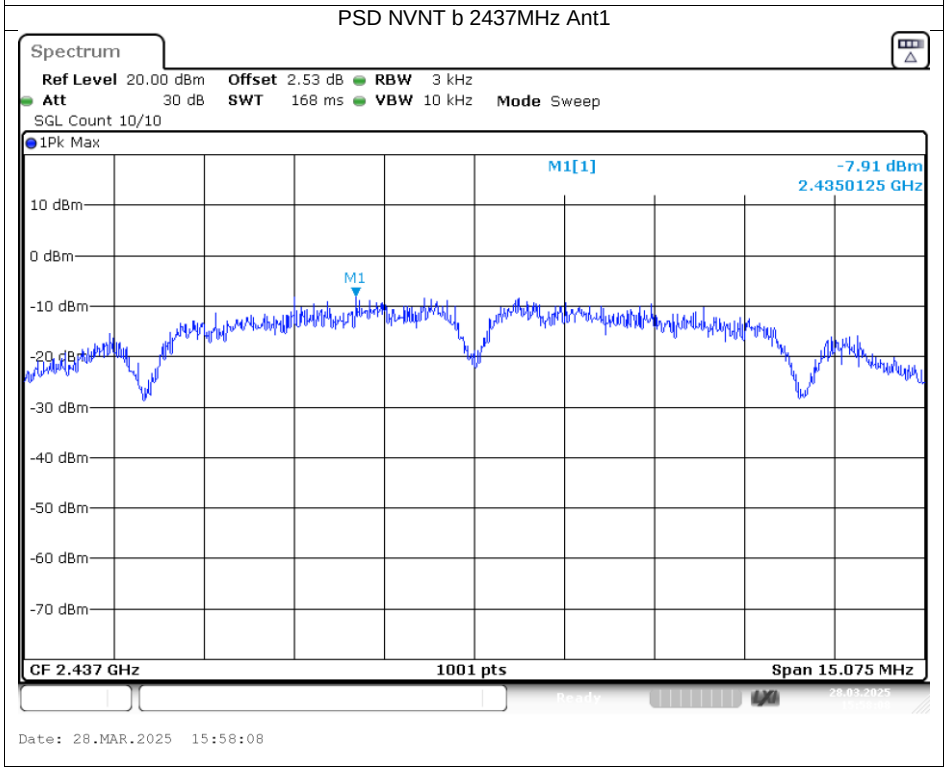
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-8.15	8	Pass
NVNT	b	2437	Ant1	-7.91	8	Pass
NVNT	b	2462	Ant1	-7.99	8	Pass
NVNT	g	2412	Ant1	-14.93	8	Pass
NVNT	g	2437	Ant1	-15.47	8	Pass
NVNT	g	2462	Ant1	-15.56	8	Pass
NVNT	n20	2412	Ant1	-15.65	8	Pass
NVNT	n20	2437	Ant1	-14.62	8	Pass
NVNT	n20	2462	Ant1	-15.99	8	Pass

Test Graphs

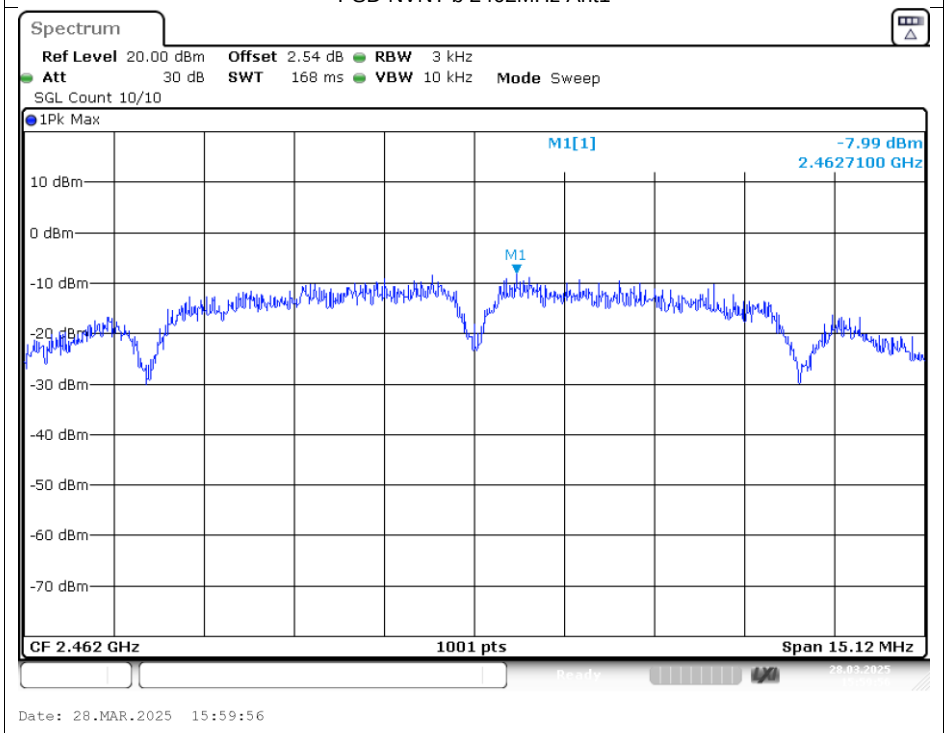
PSD NVNT b 2412MHz Ant1



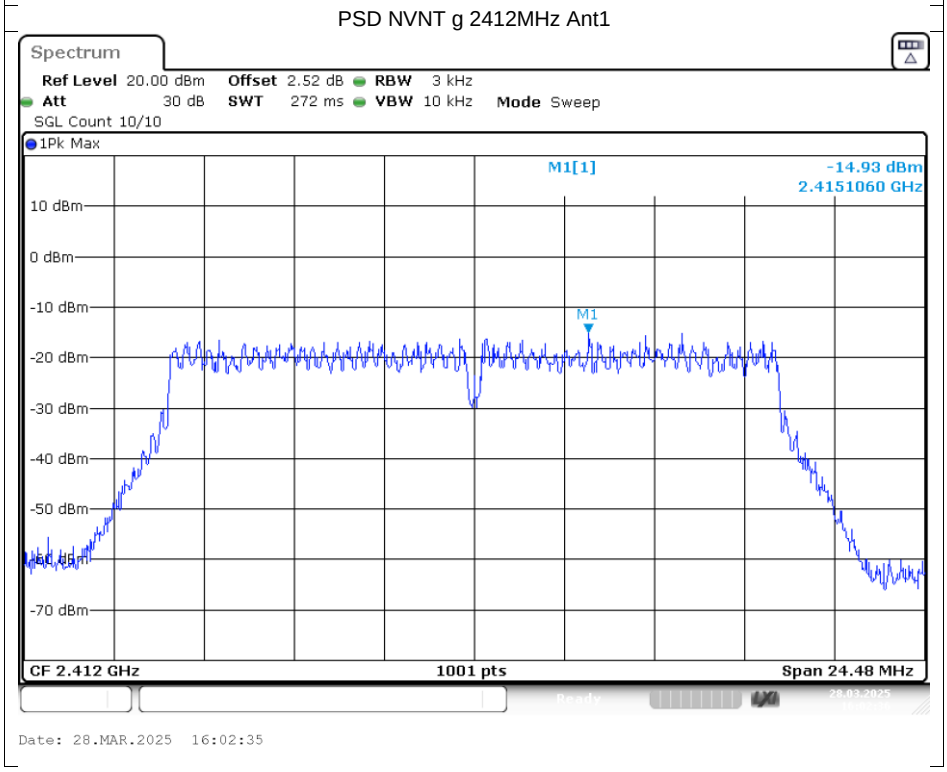
PSD NVNT b 2437MHz Ant1



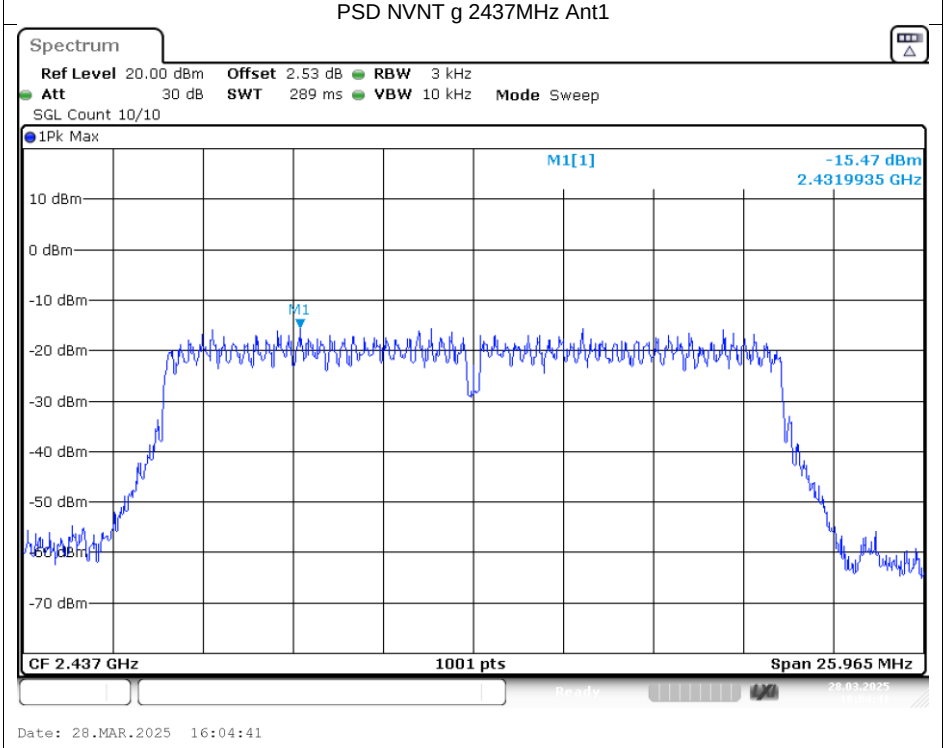
PSD NVNT b 2462MHz Ant1



PSD NVNT g 2412MHz Ant1

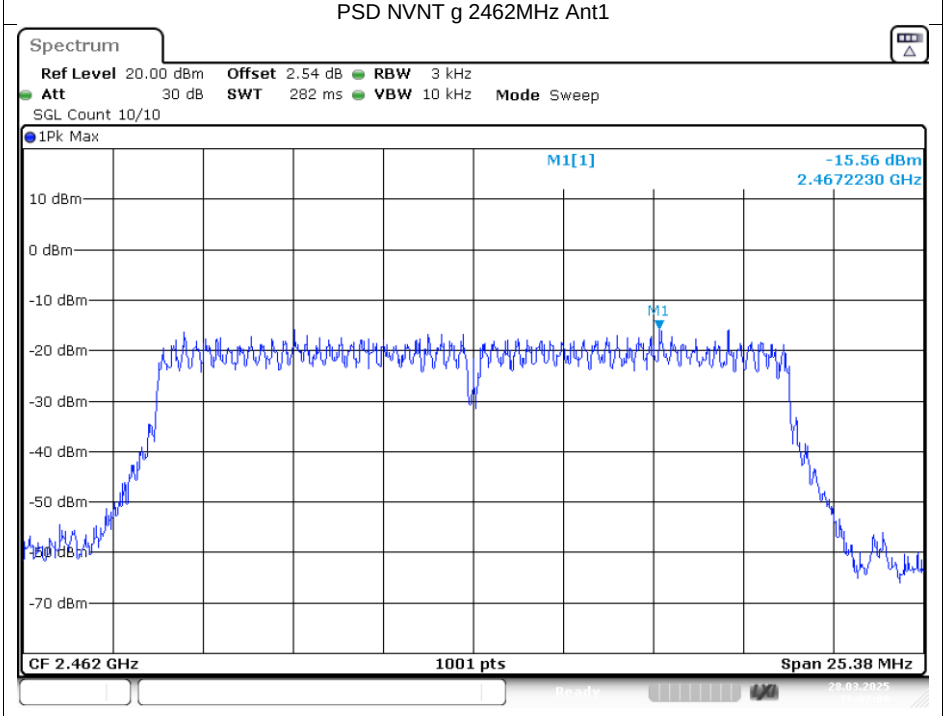


PSD NVNT g 2437MHz Ant1



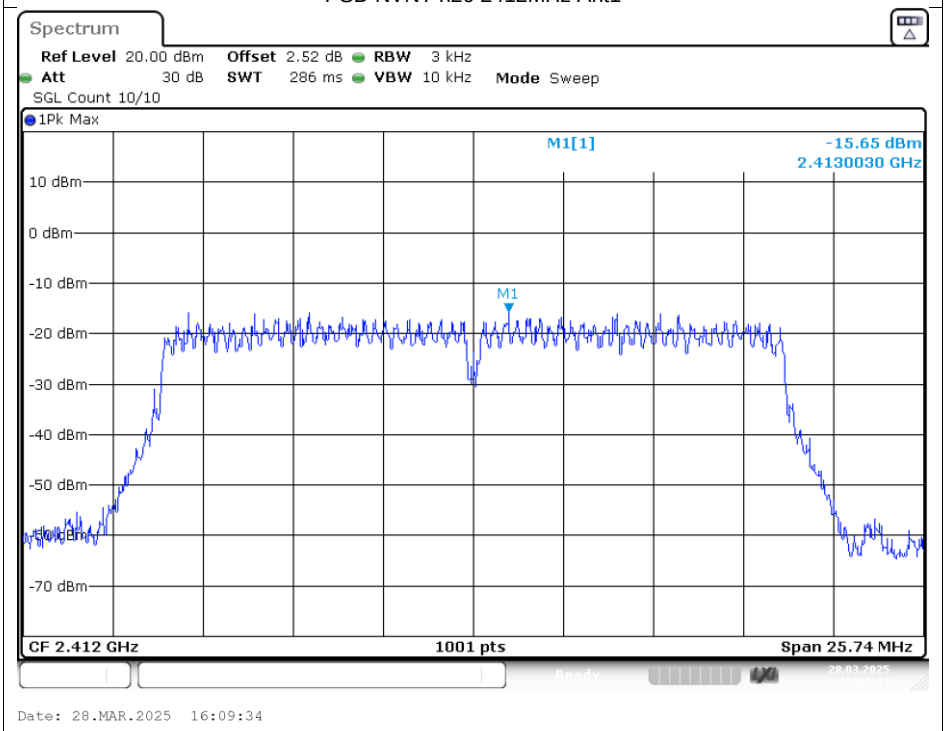
Date: 28.MAR.2025 16:04:41

PSD NVNT g 2462MHz Ant1



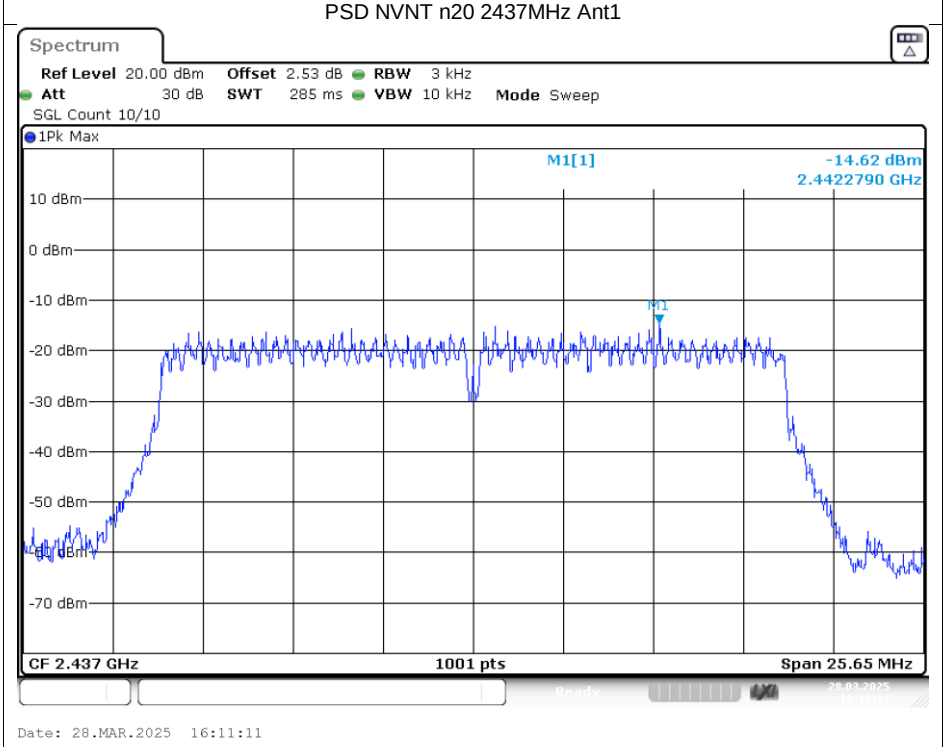
Date: 28.MAR.2025 16:07:01

PSD NVNT n20 2412MHz Ant1



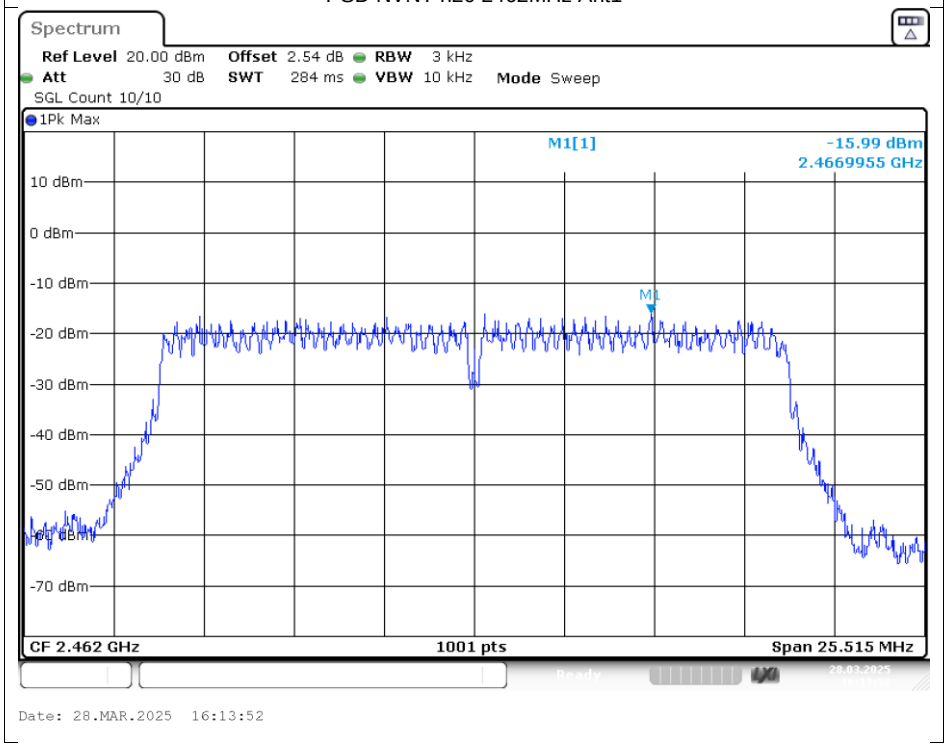
Date: 28.MAR.2025 16:09:34

PSD NVNT n20 2437MHz Ant1



Date: 28.MAR.2025 16:11:11

PSD NVNT n20 2462MHz Ant1

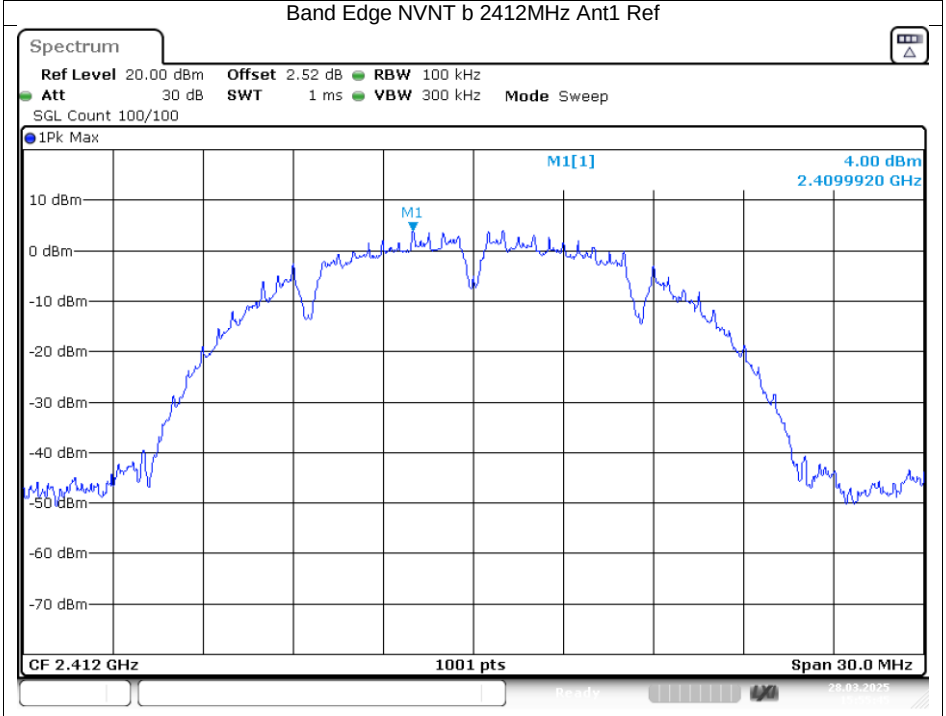


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-46.99	-20	Pass
NVNT	b	2462	Ant1	-52.56	-20	Pass
NVNT	g	2412	Ant1	-41.01	-20	Pass
NVNT	g	2462	Ant1	-50.11	-20	Pass
NVNT	n20	2412	Ant1	-40.93	-20	Pass
NVNT	n20	2462	Ant1	-50.74	-20	Pass

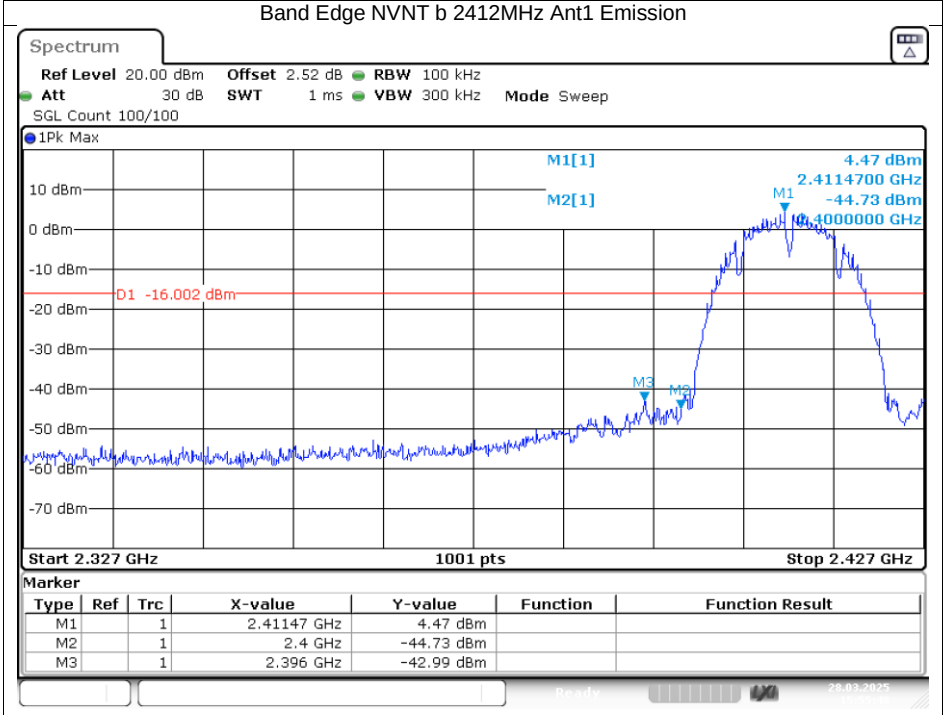
Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



Date: 28.MAR.2025 15:55:45

Band Edge NVNT b 2412MHz Ant1 Emission

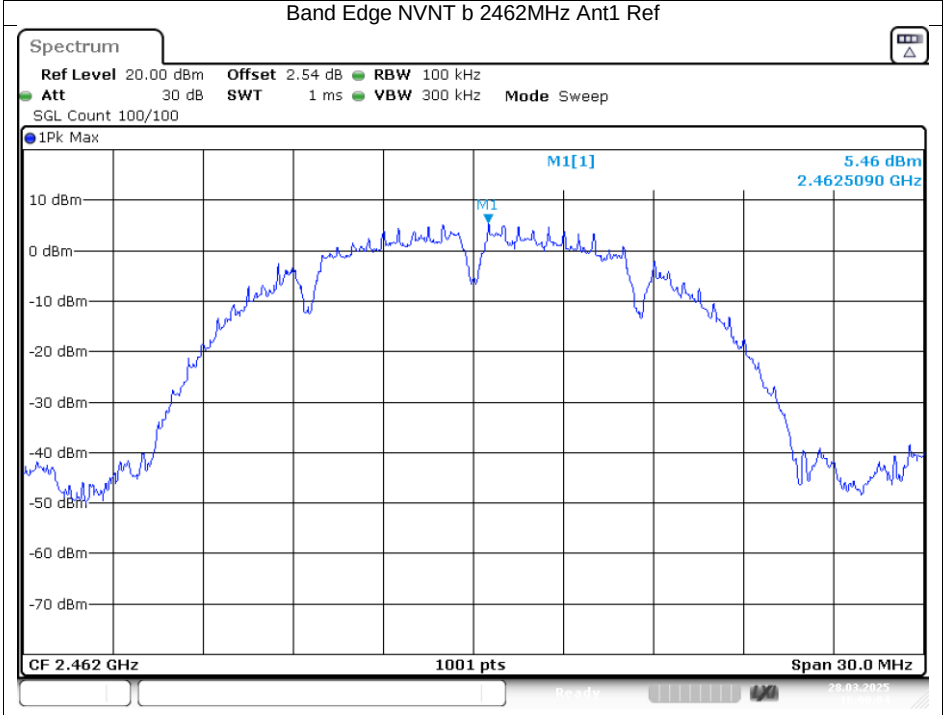


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41147 GHz	4.47 dBm		
M2		1	2.4 GHz	-44.73 dBm		
M3		1	2.396 GHz	-42.99 dBm		

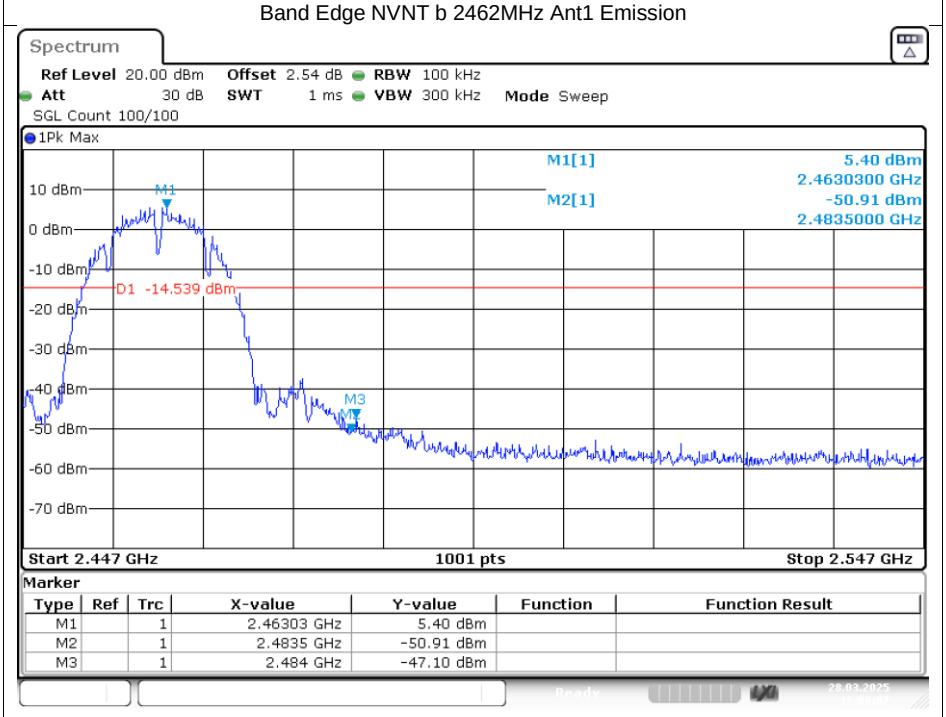
Date: 28.MAR.2025 15:55:49

Band Edge NVNT b 2462MHz Ant1 Ref



Date: 28.MAR.2025 16:00:04

Band Edge NVNT b 2462MHz Ant1 Emission

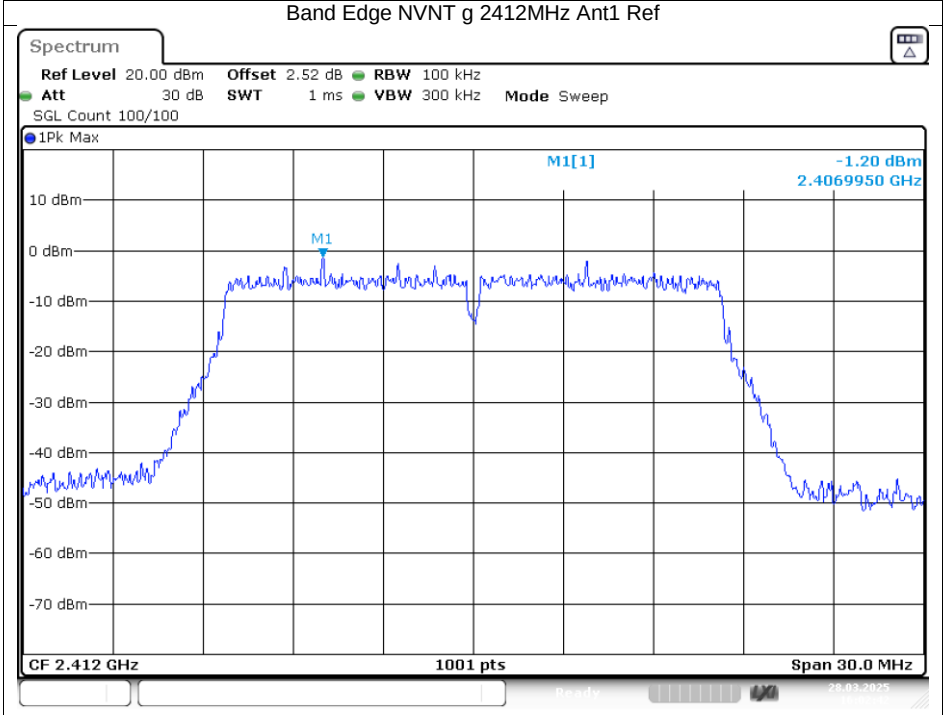


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46303 GHz	5.40 dBm		
M2		1	2.4835 GHz	-50.91 dBm		
M3		1	2.484 GHz	-47.10 dBm		

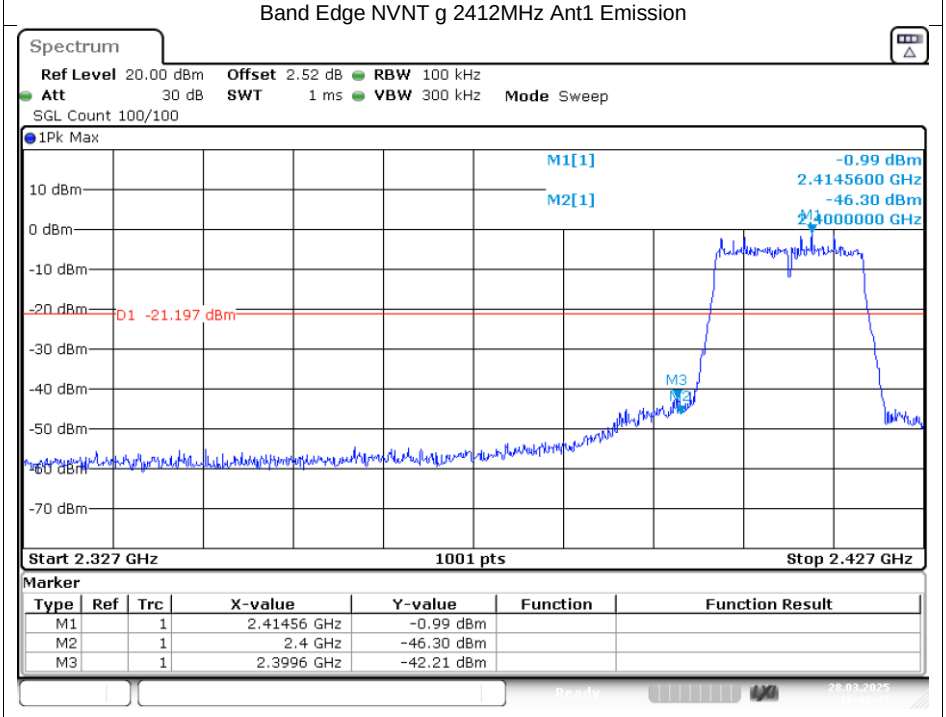
Date: 28.MAR.2025 16:00:07

Band Edge NVNT g 2412MHz Ant1 Ref



Date: 28.MAR.2025 16:02:42

Band Edge NVNT g 2412MHz Ant1 Emission

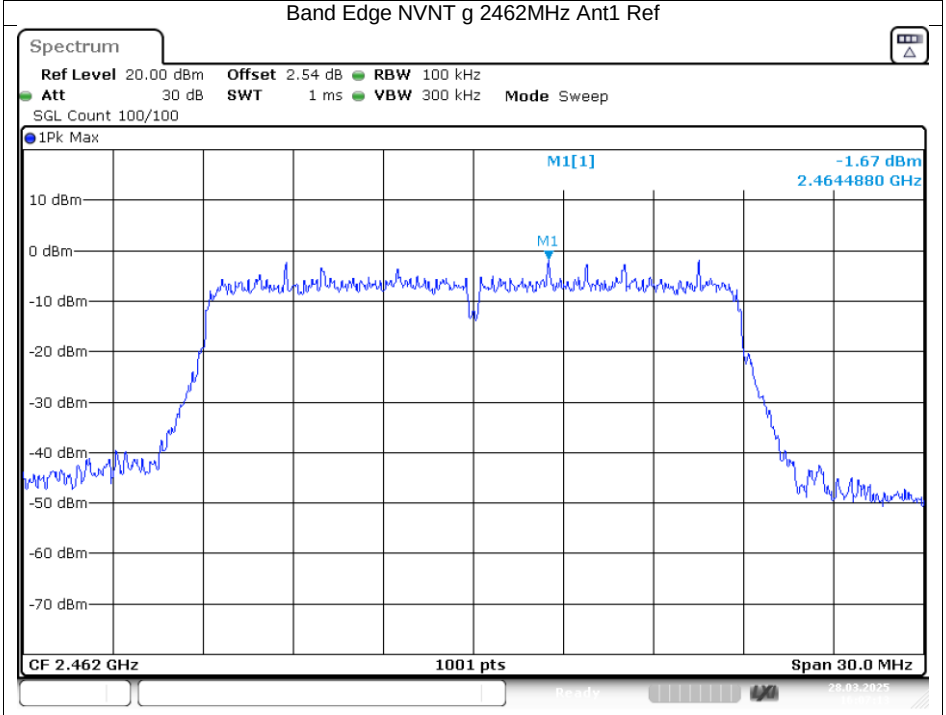


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41456 GHz	-0.99 dBm		
M2		1	2.4 GHz	-46.30 dBm		
M3		1	2.3996 GHz	-42.21 dBm		

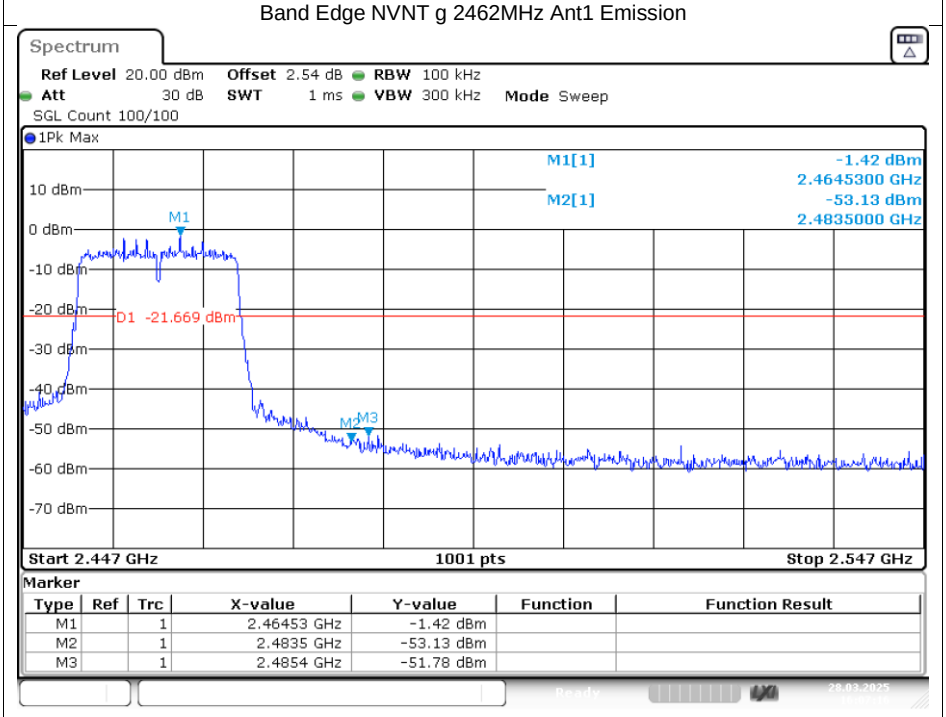
Date: 28.MAR.2025 16:02:45

Band Edge NVNT g 2462MHz Ant1 Ref



Date: 28.MAR.2025 16:07:13

Band Edge NVNT g 2462MHz Ant1 Emission

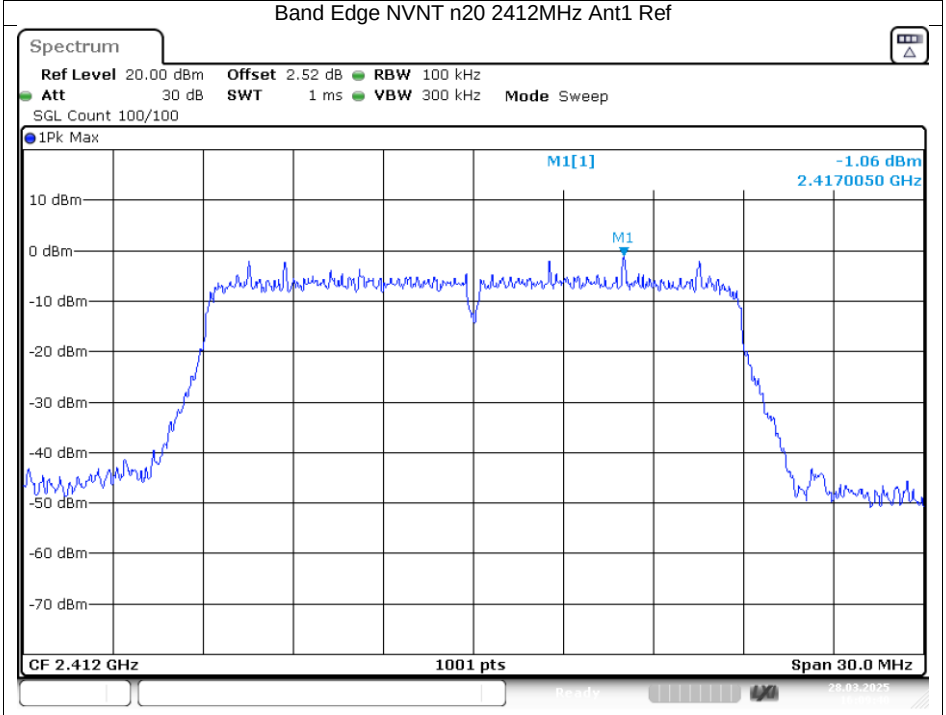


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46453 GHz	-1.42 dBm		
M2		1	2.4835 GHz	-53.13 dBm		
M3		1	2.4854 GHz	-51.78 dBm		

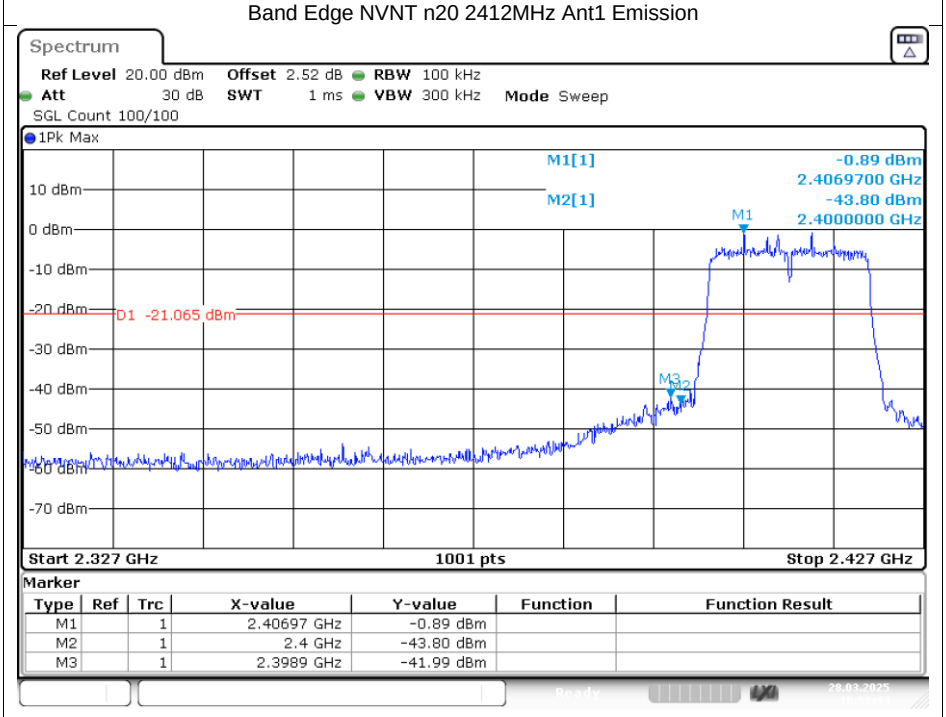
Date: 28.MAR.2025 16:07:15

Band Edge NVNT n20 2412MHz Ant1 Ref



Date: 28.MAR.2025 16:09:41

Band Edge NVNT n20 2412MHz Ant1 Emission

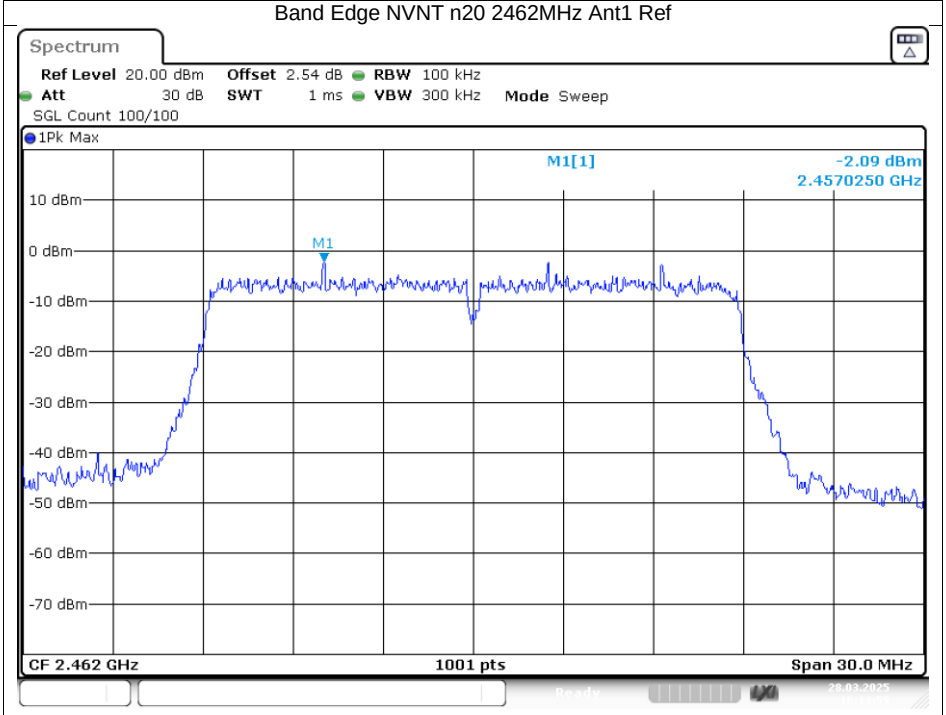


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40697 GHz	-0.89 dBm		
M2		1	2.4 GHz	-43.80 dBm		
M3		1	2.3989 GHz	-41.99 dBm		

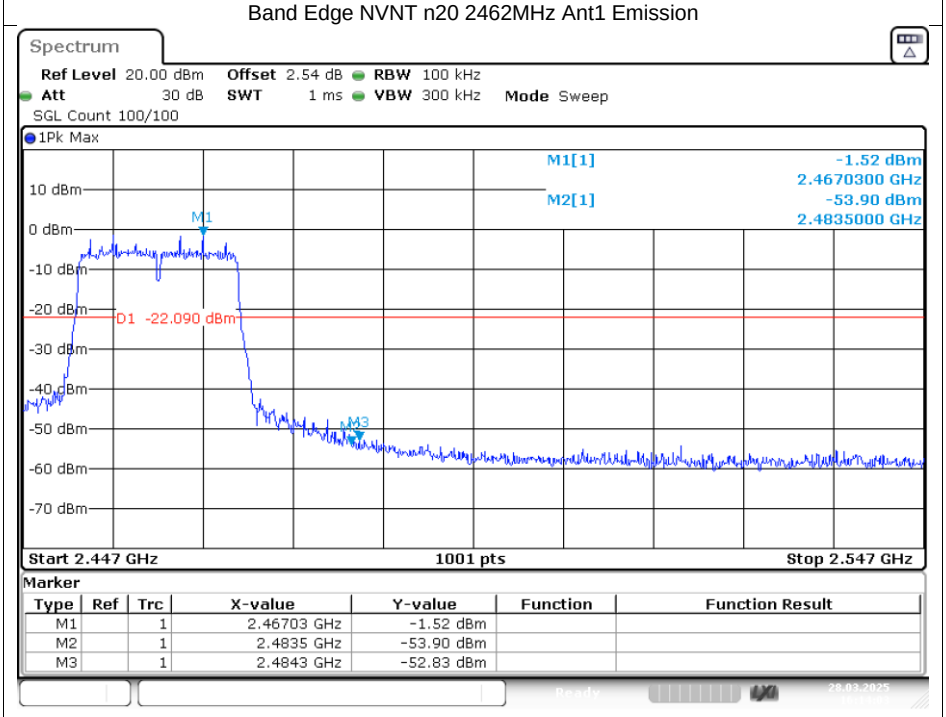
Date: 28.MAR.2025 16:09:44

Band Edge NVNT n20 2462MHz Ant1 Ref



Date: 28.MAR.2025 16:13:59

Band Edge NVNT n20 2462MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46703 GHz	-1.52 dBm		
M2		1	2.4835 GHz	-53.90 dBm		
M3		1	2.4843 GHz	-52.83 dBm		

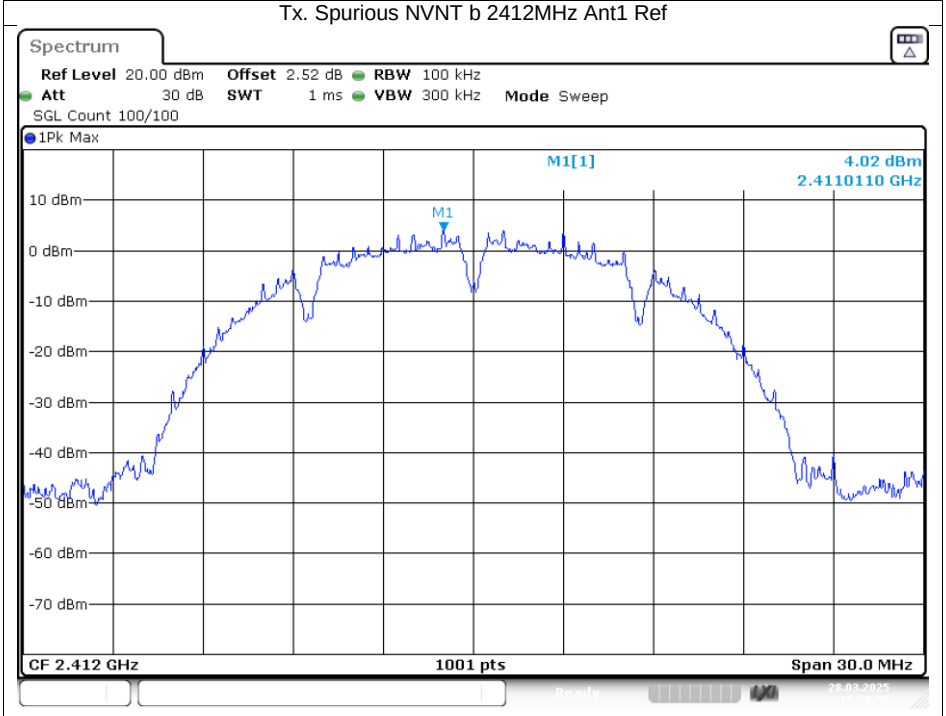
Date: 28.MAR.2025 16:14:02

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-53.98	-20	Pass
NVNT	b	2437	Ant1	-55.16	-20	Pass
NVNT	b	2462	Ant1	-54.49	-20	Pass
NVNT	g	2412	Ant1	-49.21	-20	Pass
NVNT	g	2437	Ant1	-48.61	-20	Pass
NVNT	g	2462	Ant1	-48.23	-20	Pass
NVNT	n20	2412	Ant1	-46.99	-20	Pass
NVNT	n20	2437	Ant1	-48.88	-20	Pass
NVNT	n20	2462	Ant1	-47.52	-20	Pass

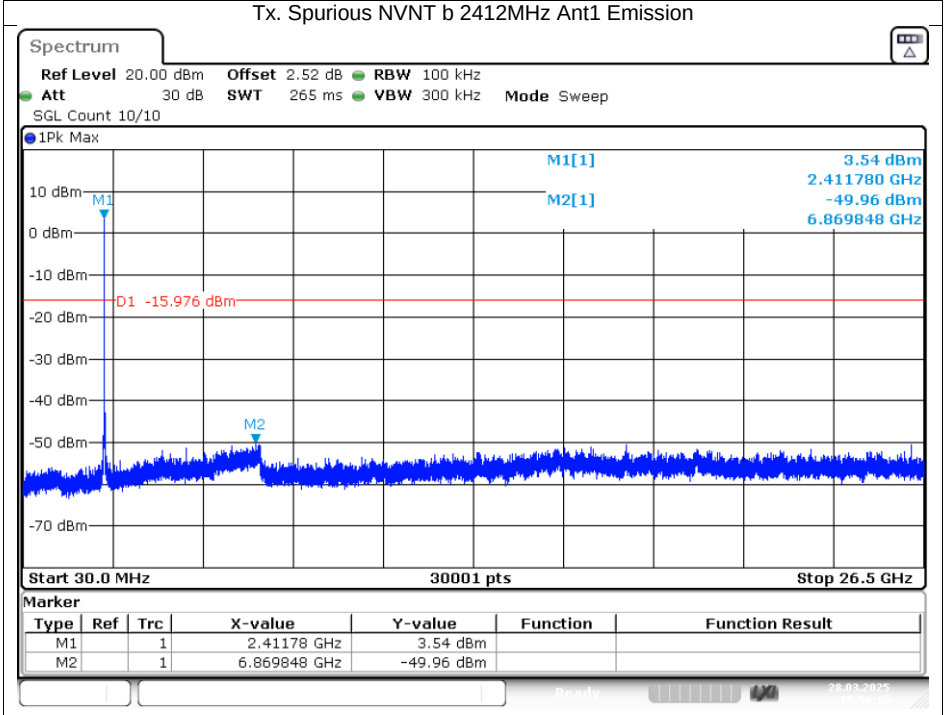
Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



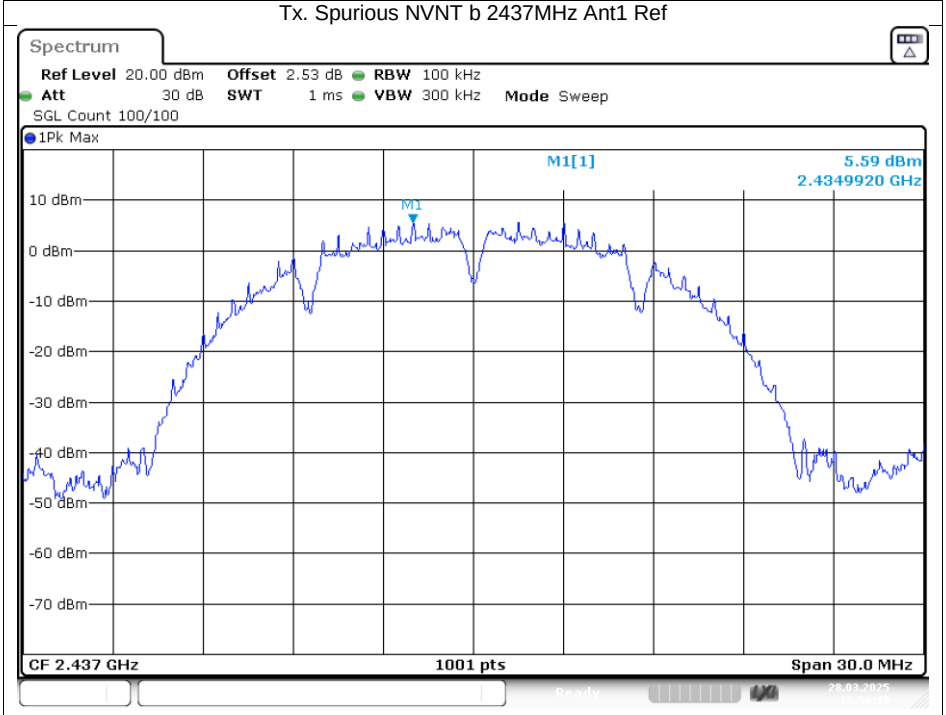
Date: 28.MAR.2025 15:55:55

Tx. Spurious NVNT b 2412MHz Ant1 Emission



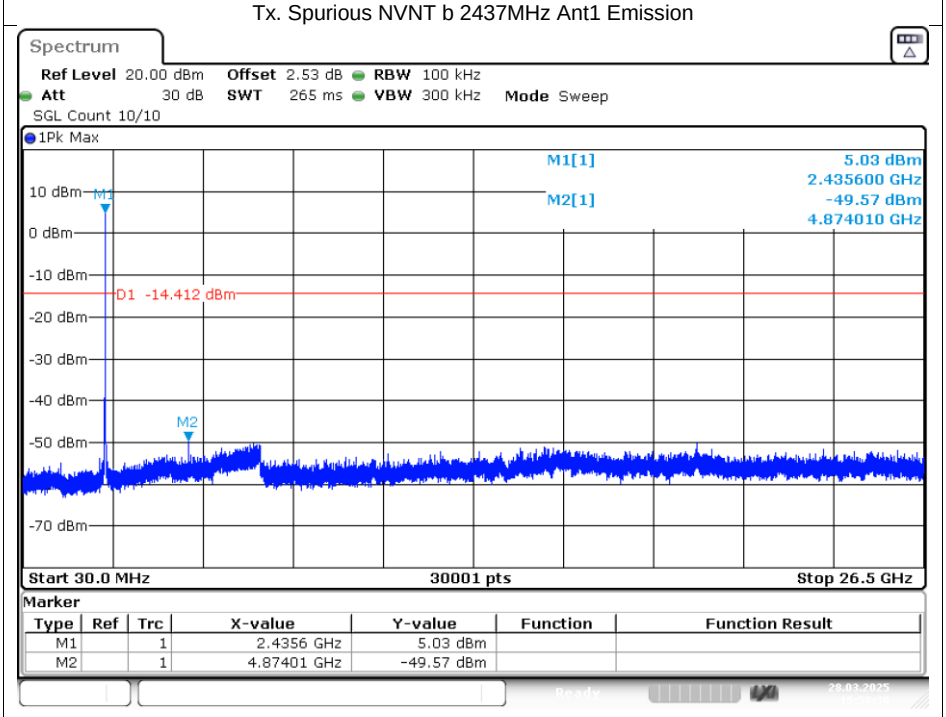
Date: 28.MAR.2025 15:56:11

Tx. Spurious NVNT b 2437MHz Ant1 Ref



Date: 28.MAR.2025 15:58:15

Tx. Spurious NVNT b 2437MHz Ant1 Emission

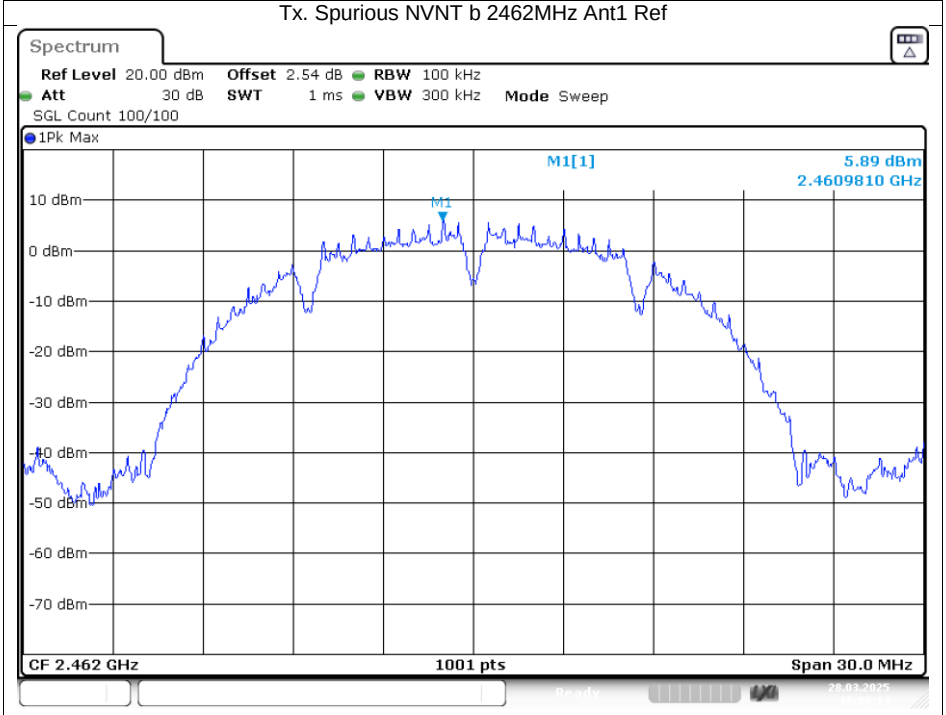


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4356 GHz	5.03 dBm		
M2		1	4.87401 GHz	-49.57 dBm		

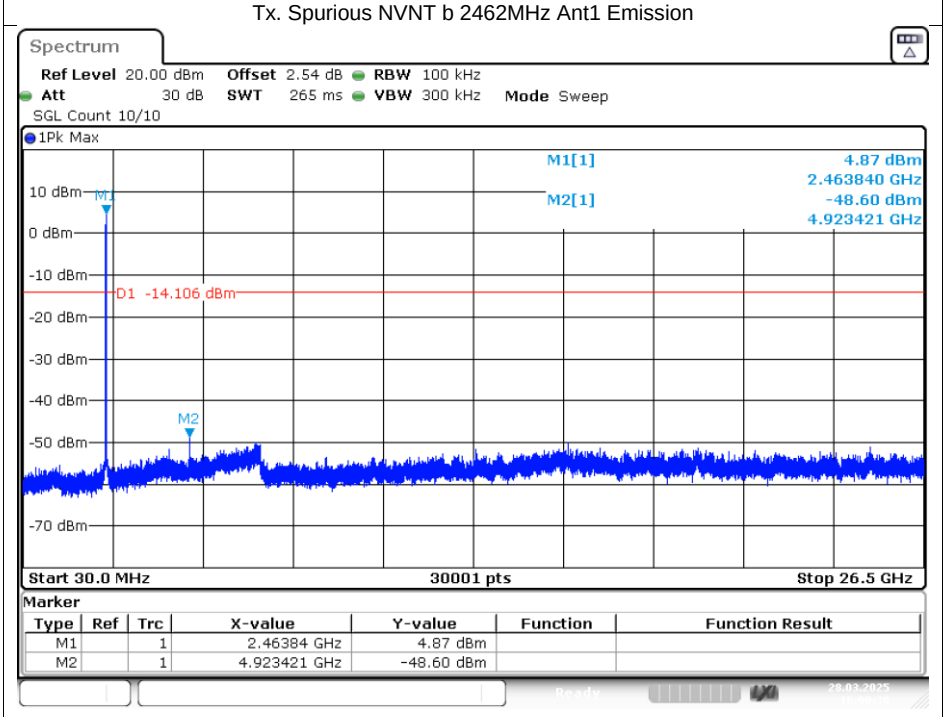
Date: 28.MAR.2025 15:58:30

Tx. Spurious NVNT b 2462MHz Ant1 Ref



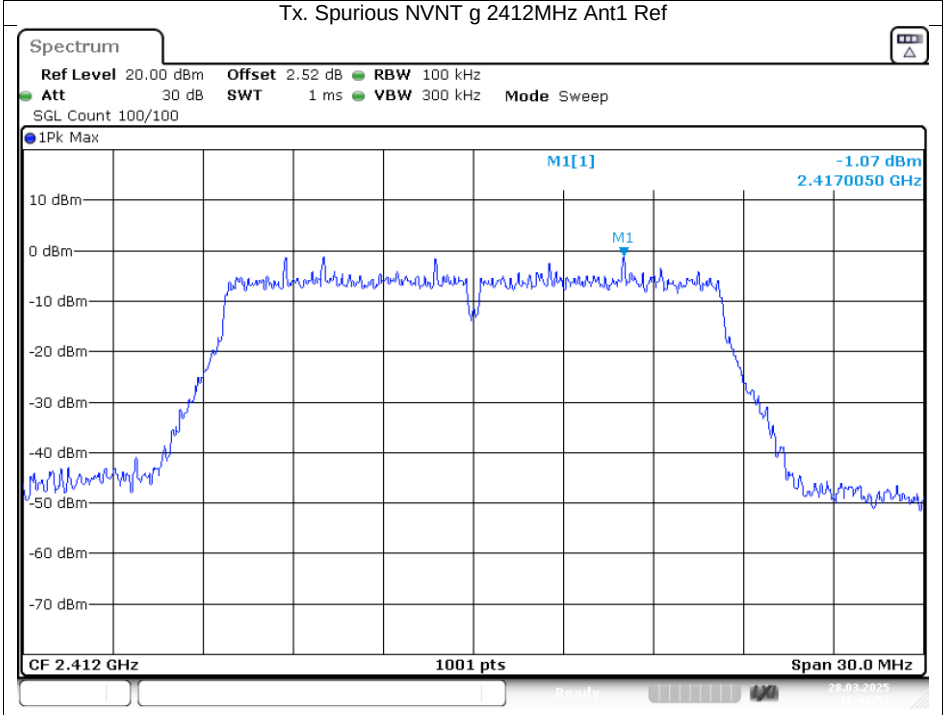
Date: 28.MAR.2025 16:00:15

Tx. Spurious NVNT b 2462MHz Ant1 Emission



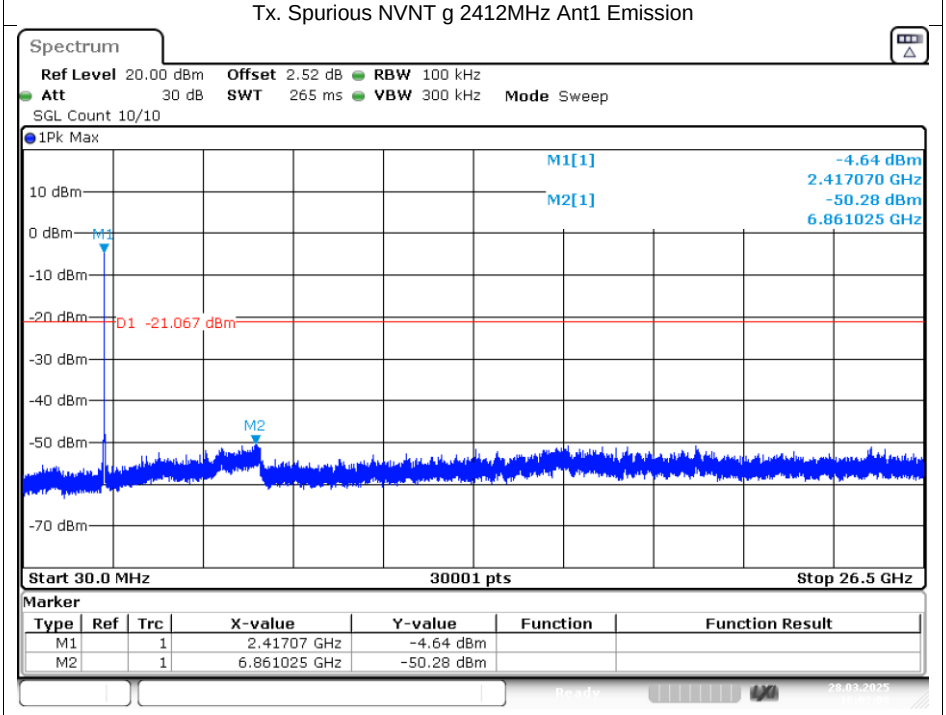
Date: 28.MAR.2025 16:00:30

Tx. Spurious NVNT g 2412MHz Ant1 Ref



Date: 28.MAR.2025 16:02:52

Tx. Spurious NVNT g 2412MHz Ant1 Emission

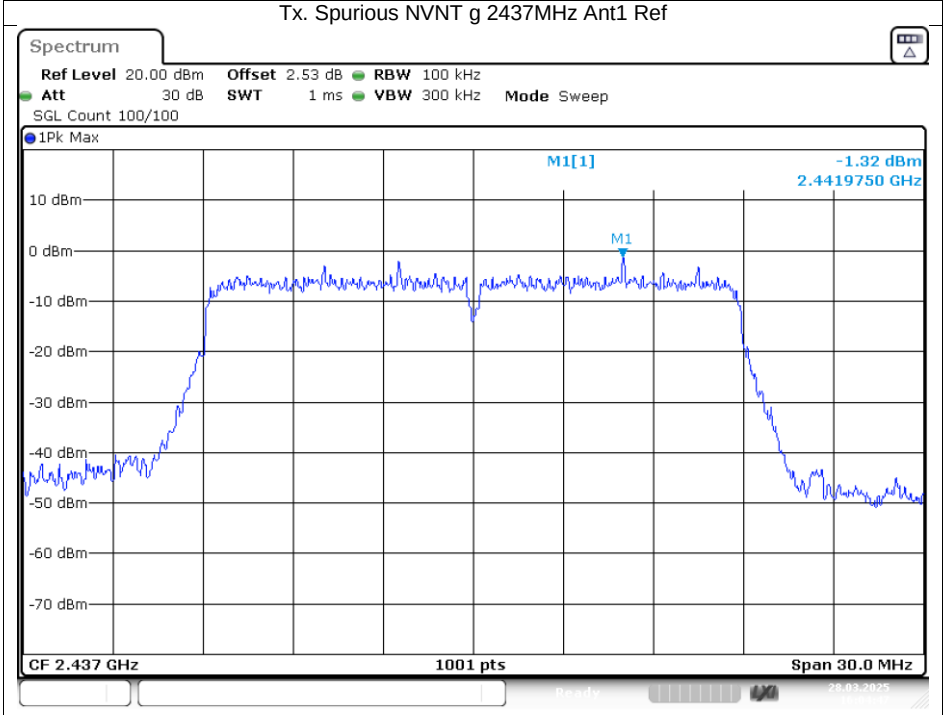


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41707 GHz	-4.64 dBm		
M2		1	6.861025 GHz	-50.28 dBm		

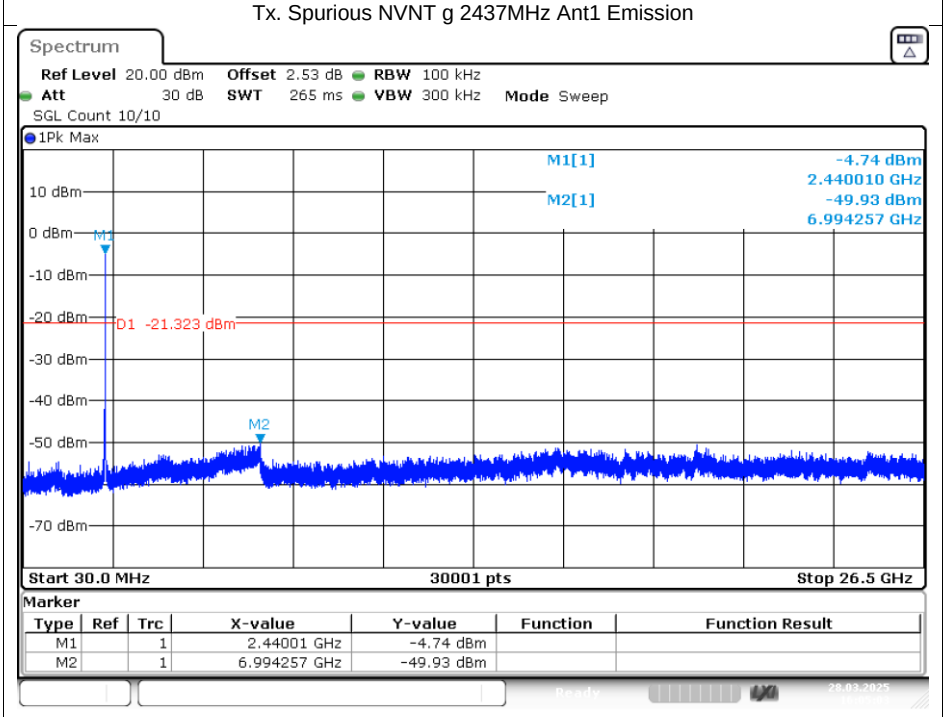
Date: 28.MAR.2025 16:03:08

Tx. Spurious NVNT g 2437MHz Ant1 Ref



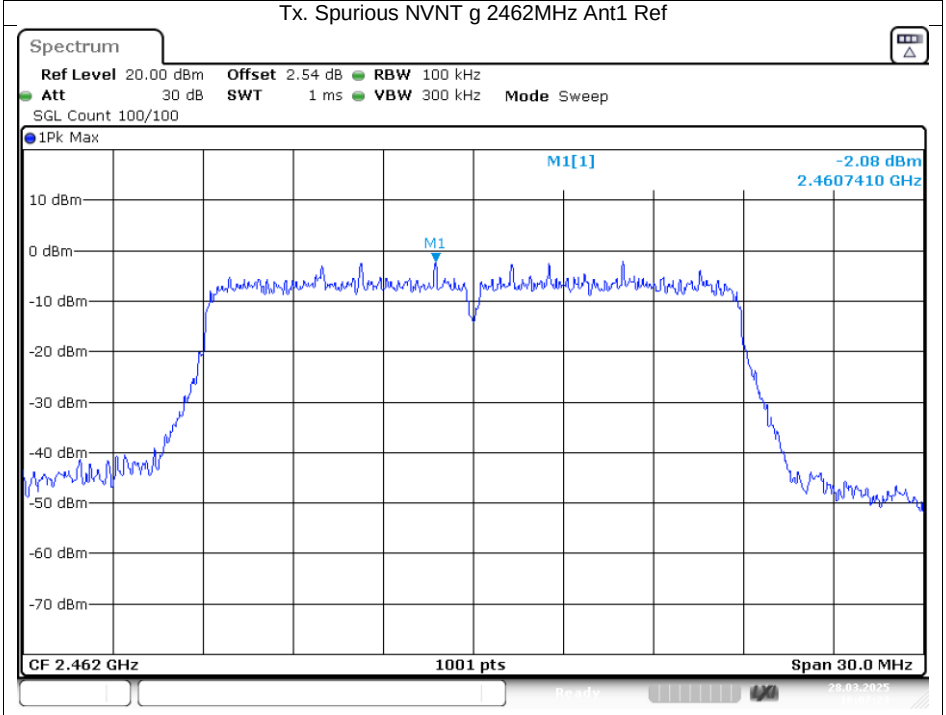
Date: 28.MAR.2025 16:04:48

Tx. Spurious NVNT g 2437MHz Ant1 Emission



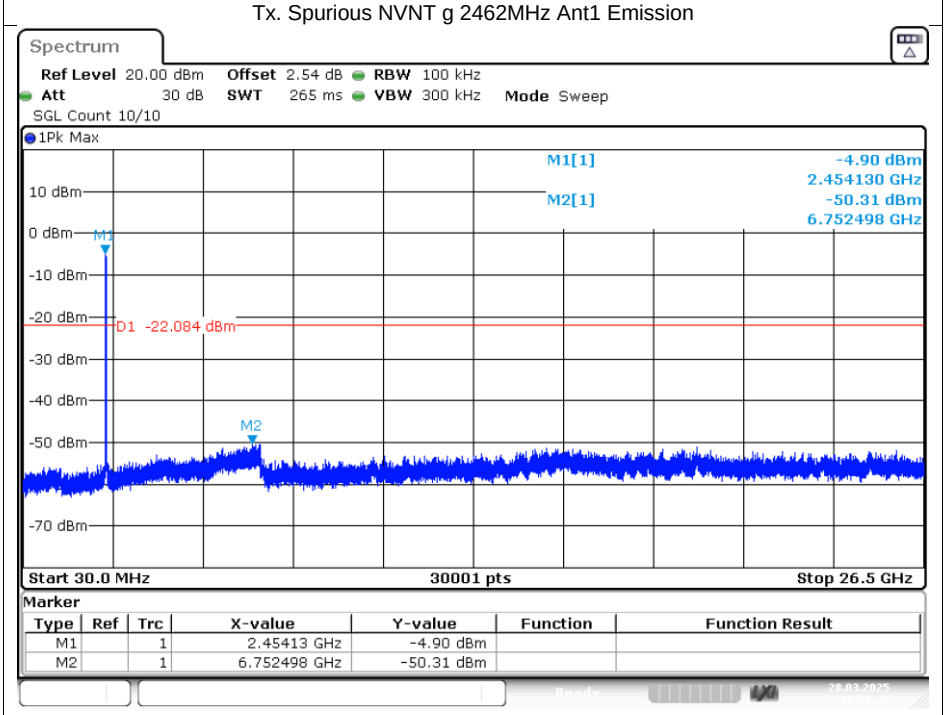
Date: 28.MAR.2025 16:05:03

Tx. Spurious NVNT g 2462MHz Ant1 Ref



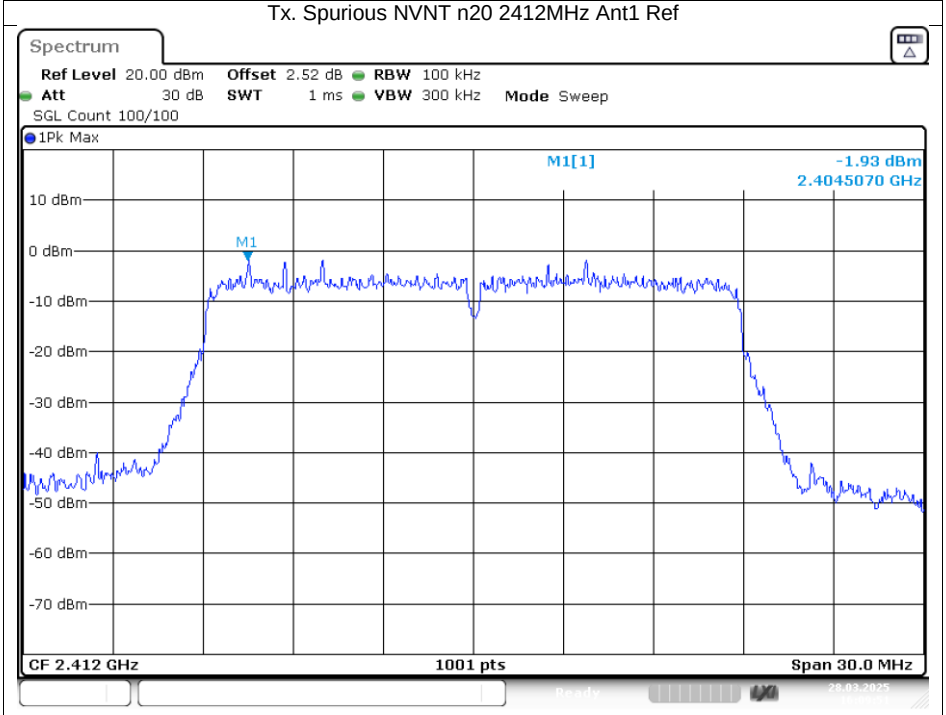
Date: 28.MAR.2025 16:07:23

Tx. Spurious NVNT g 2462MHz Ant1 Emission



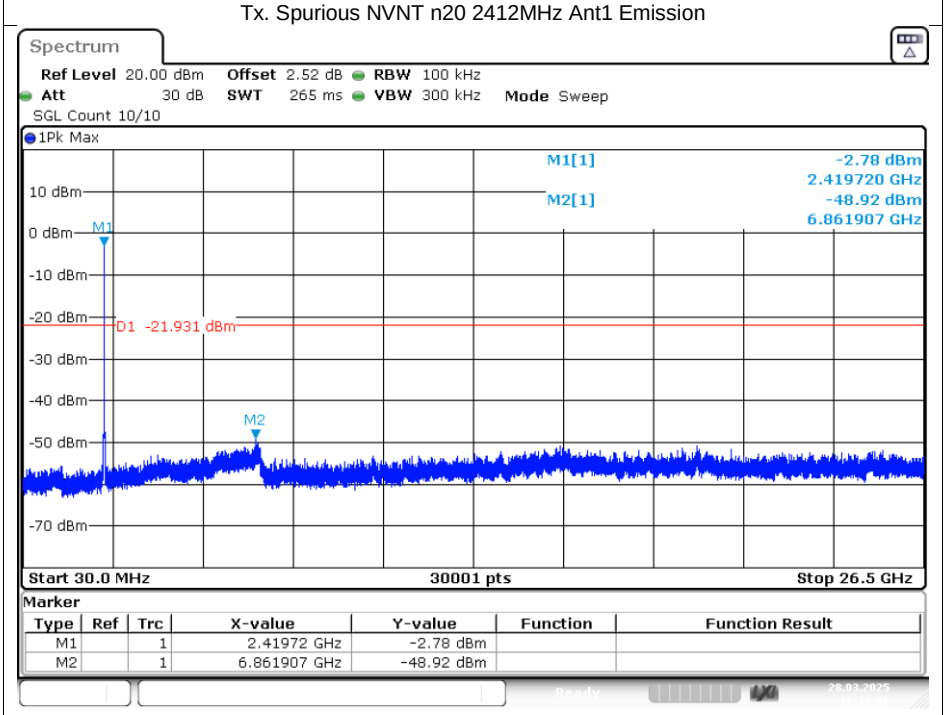
Date: 28.MAR.2025 16:07:39

Tx. Spurious NVNT n20 2412MHz Ant1 Ref



Date: 28.MAR.2025 16:09:51

Tx. Spurious NVNT n20 2412MHz Ant1 Emission

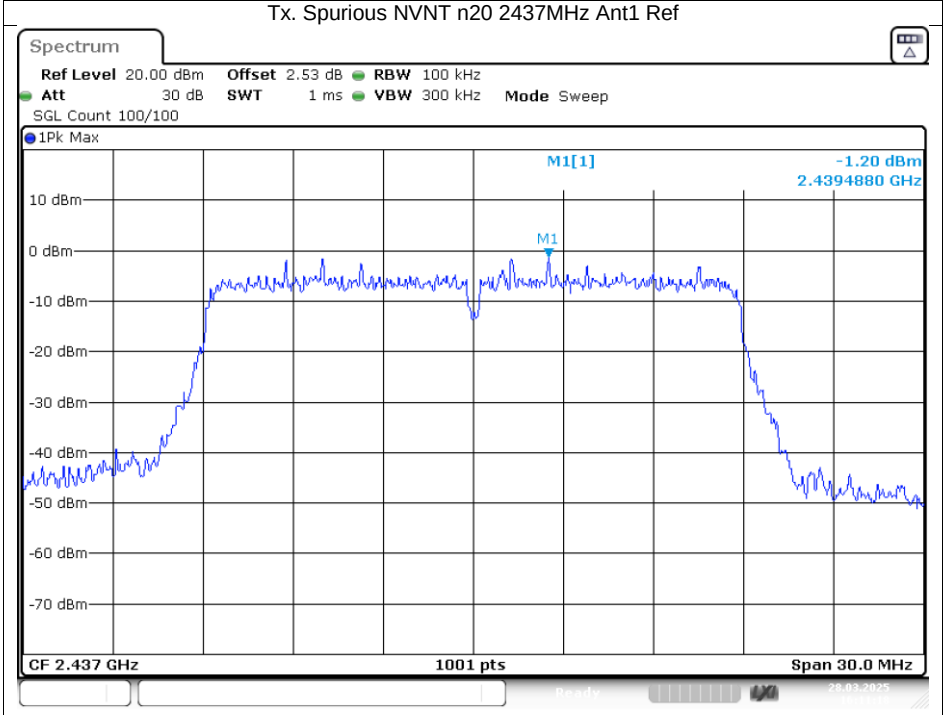


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41972 GHz	-2.78 dBm		
M2		1	6.861907 GHz	-48.92 dBm		

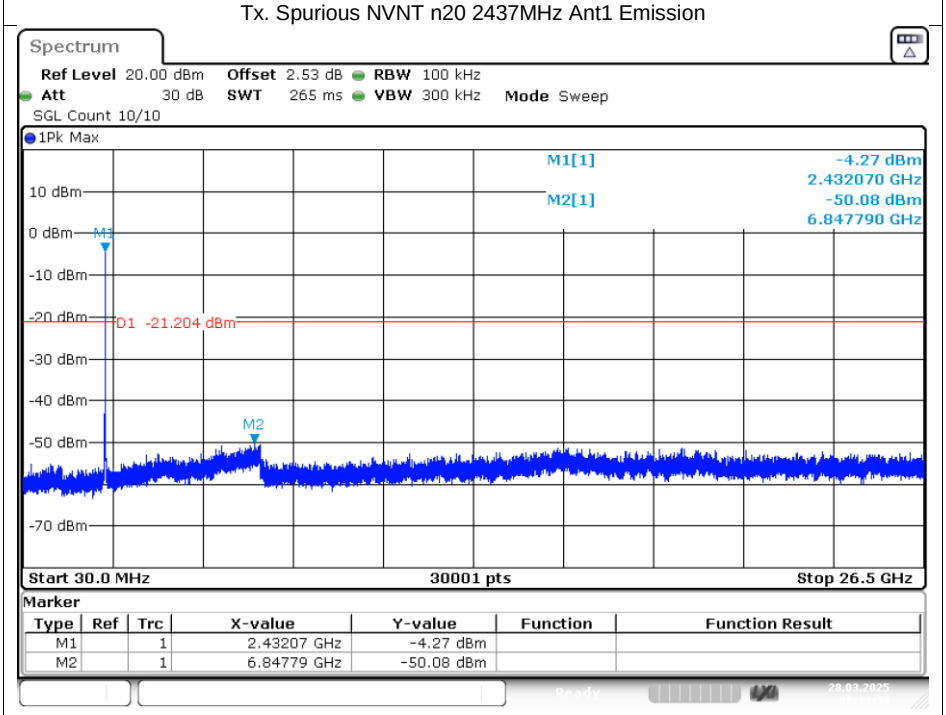
Date: 28.MAR.2025 16:10:06

Tx. Spurious NVNT n20 2437MHz Ant1 Ref



Date: 28.MAR.2025 16:11:18

Tx. Spurious NVNT n20 2437MHz Ant1 Emission

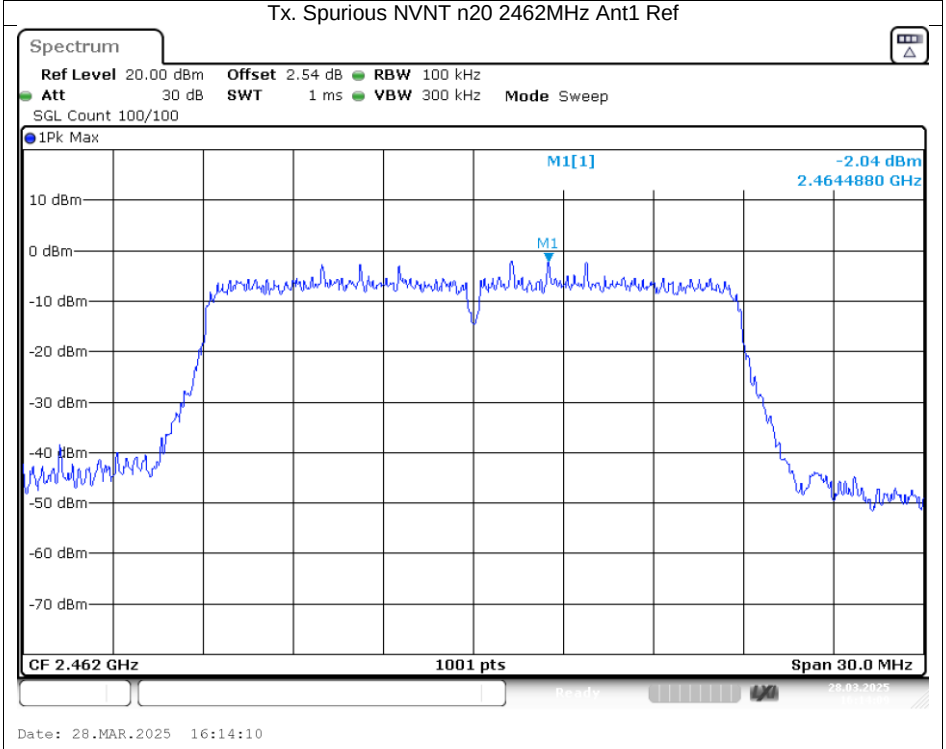


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43207 GHz	-4.27 dBm		
M2		1	6.84779 GHz	-50.08 dBm		

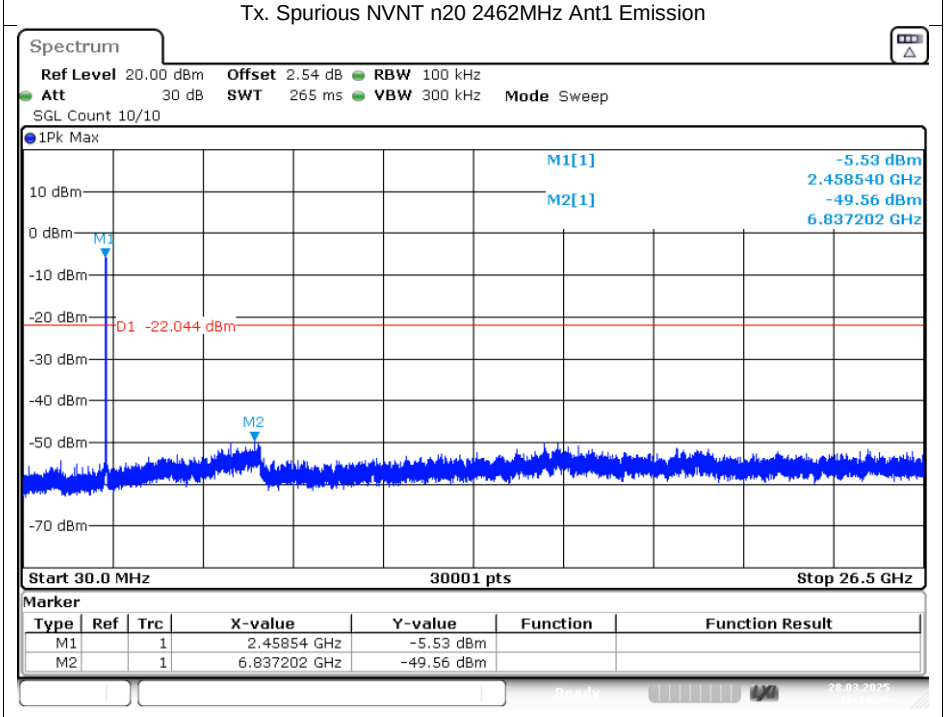
Date: 28.MAR.2025 16:11:33

Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Date: 28.MAR.2025 16:14:10

Tx. Spurious NVNT n20 2462MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45854 GHz	-5.53 dBm		
M2		1	6.837202 GHz	-49.56 dBm		

Date: 28.MAR.2025 16:14:25

END OF REPORT