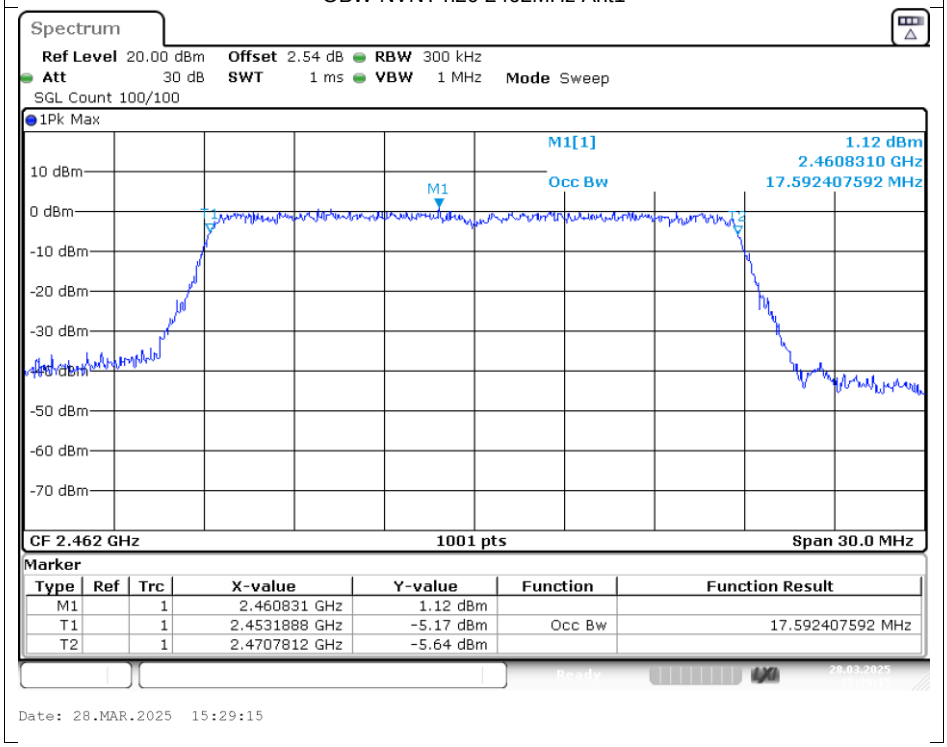
OBW NVNT n20 2462MHz Ant1

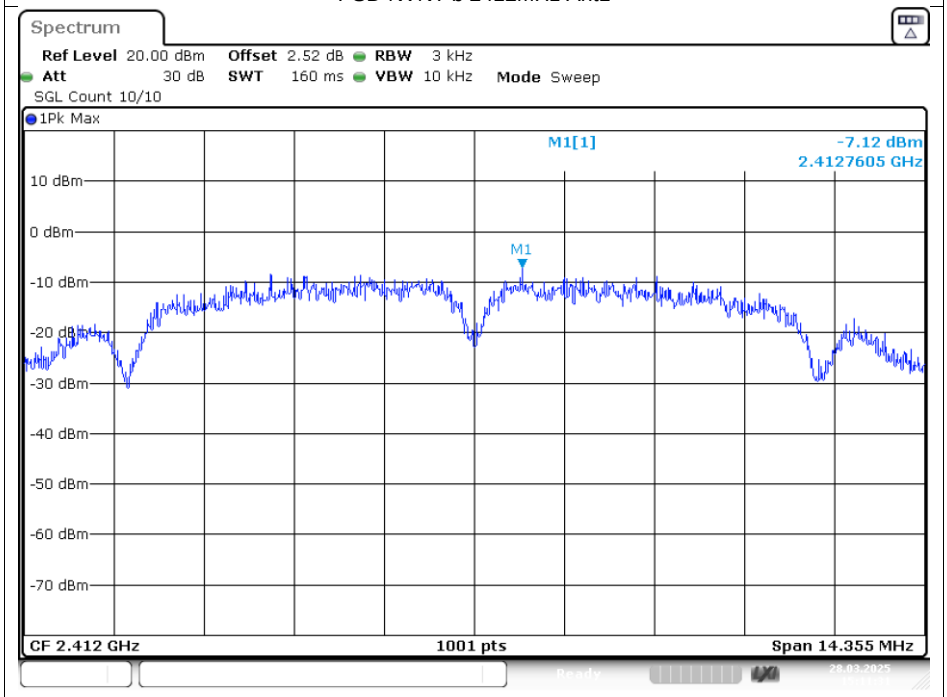


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-7.12	8	Pass
NVNT	b	2437	Ant1	-7.45	8	Pass
NVNT	b	2462	Ant1	-8.08	8	Pass
NVNT	g	2412	Ant1	-14.5	8	Pass
NVNT	g	2437	Ant1	-15.07	8	Pass
NVNT	g	2462	Ant1	-15.49	8	Pass
NVNT	n20	2412	Ant1	-16.35	8	Pass
NVNT	n20	2437	Ant1	-16.45	8	Pass
NVNT	n20	2462	Ant1	-16.3	8	Pass

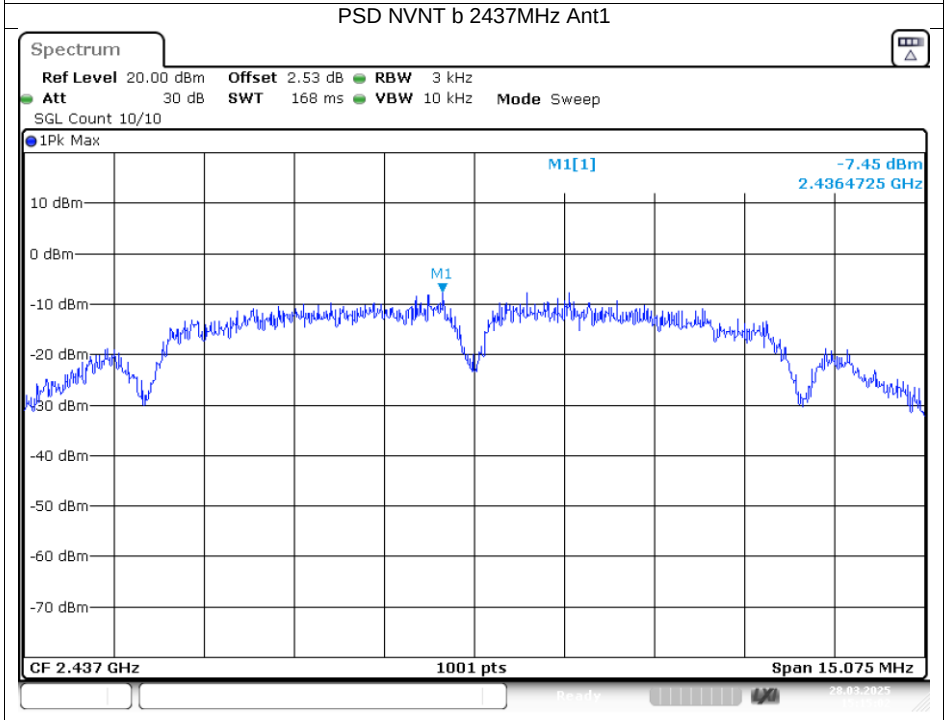
Test Graphs

PSD NVNT b 2412MHz Ant1



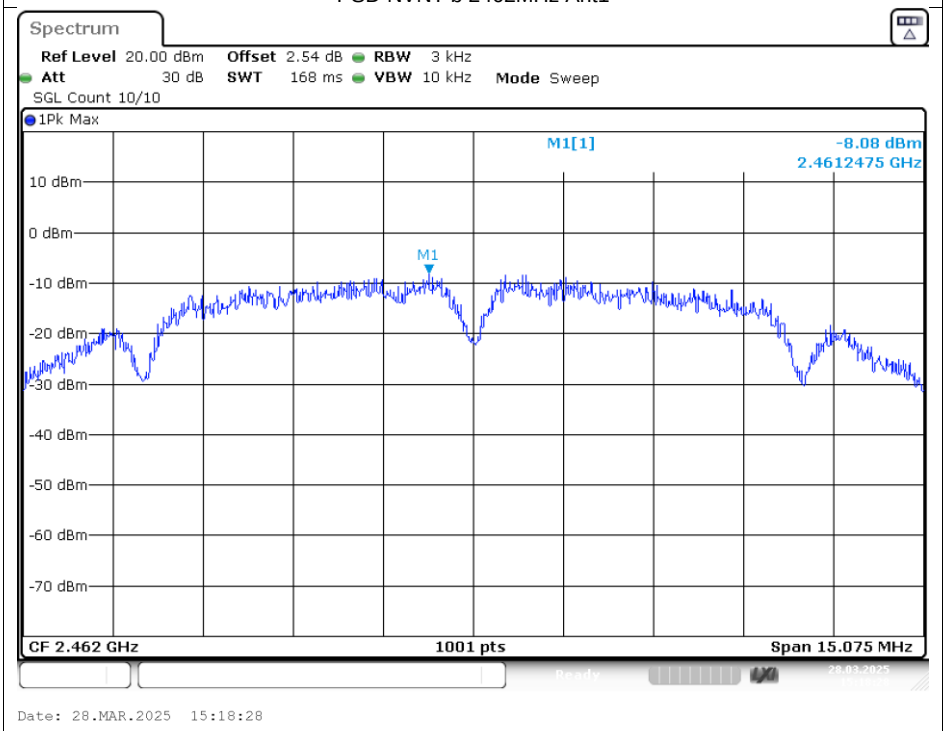
Date: 28.MAR.2025 15:11:31

PSD NVNT b 2437MHz Ant1



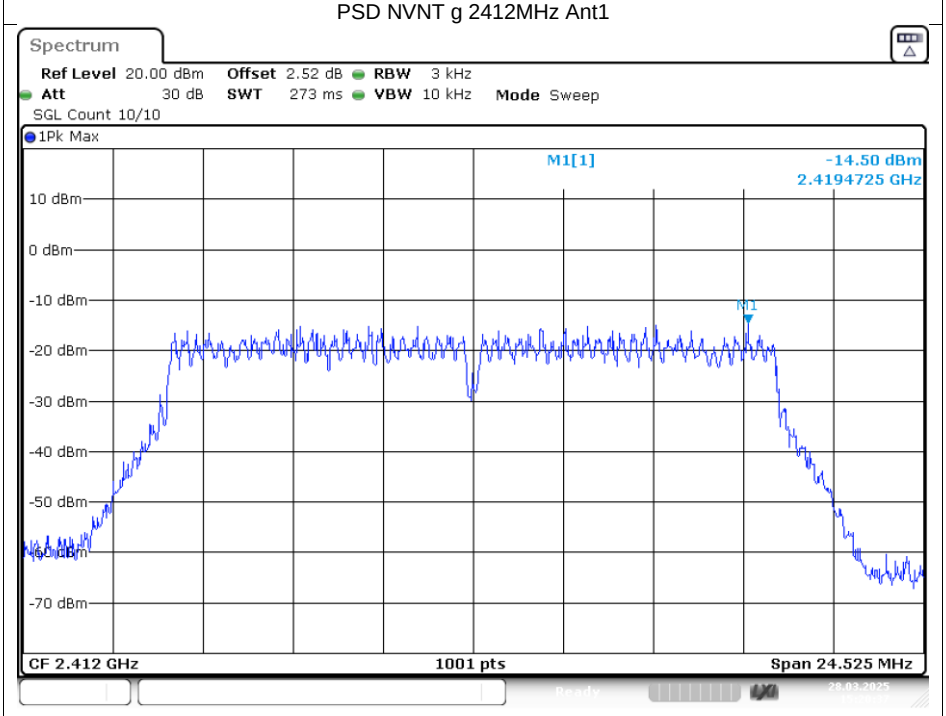
Date: 28.MAR.2025 15:15:03

PSD NVNT b 2462MHz Ant1



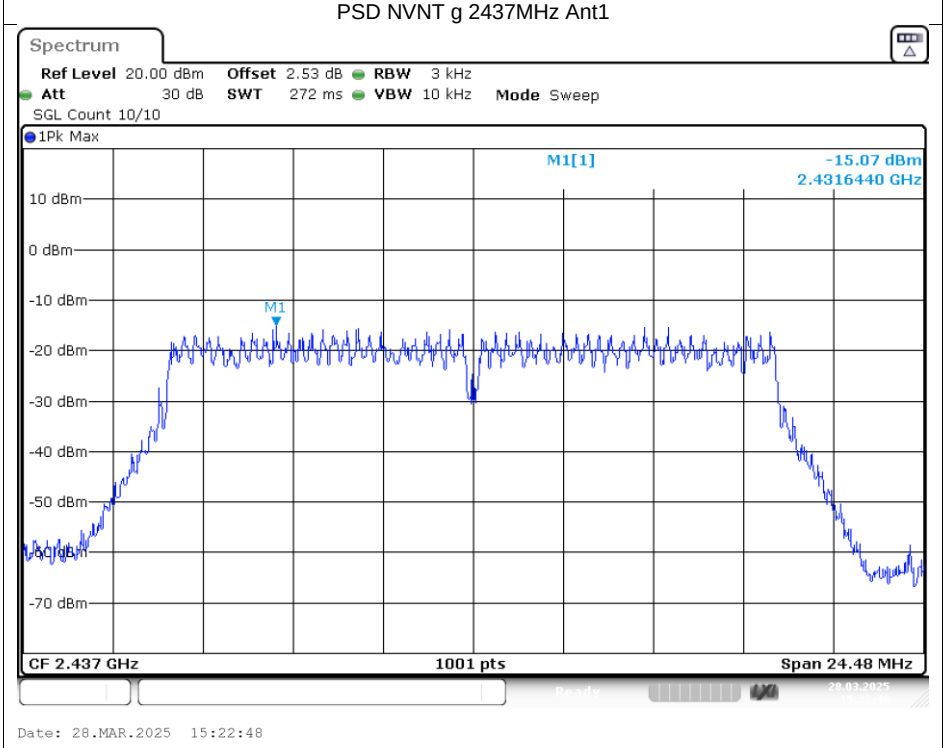
Date: 28.MAR.2025 15:18:28

PSD NVNT g 2412MHz Ant1



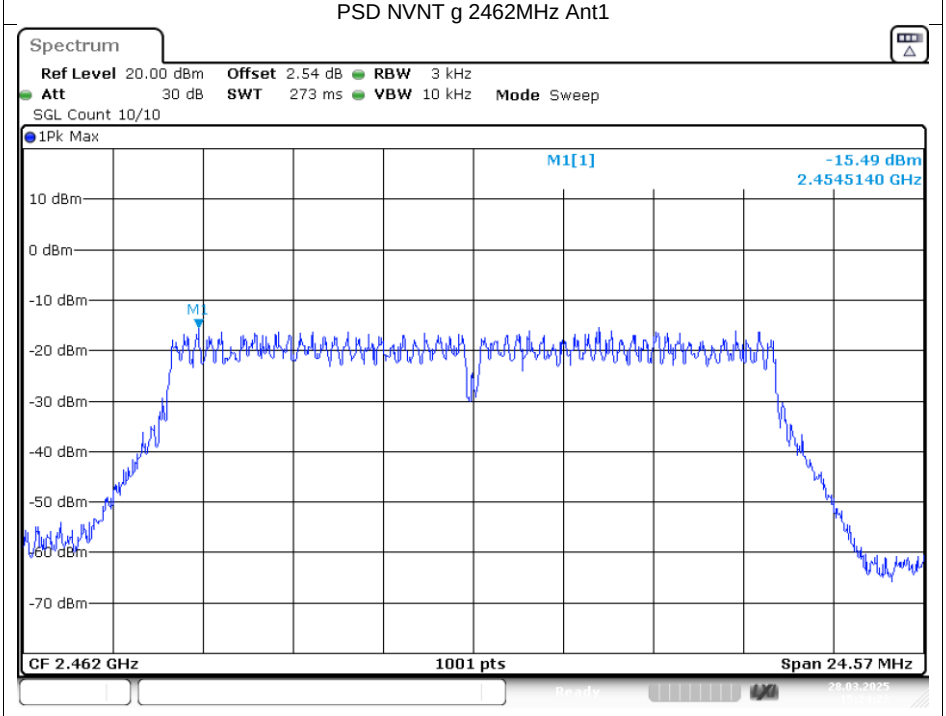
Date: 28.MAR.2025 15:20:37

PSD NVNT g 2437MHz Ant1



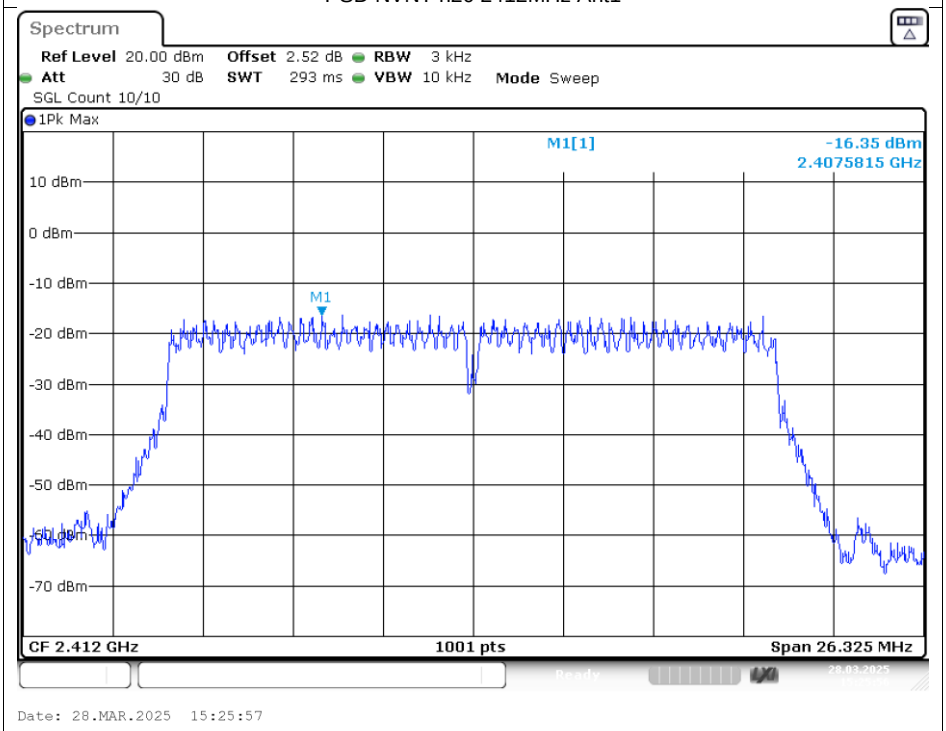
Date: 28.MAR.2025 15:22:48

PSD NVNT g 2462MHz Ant1

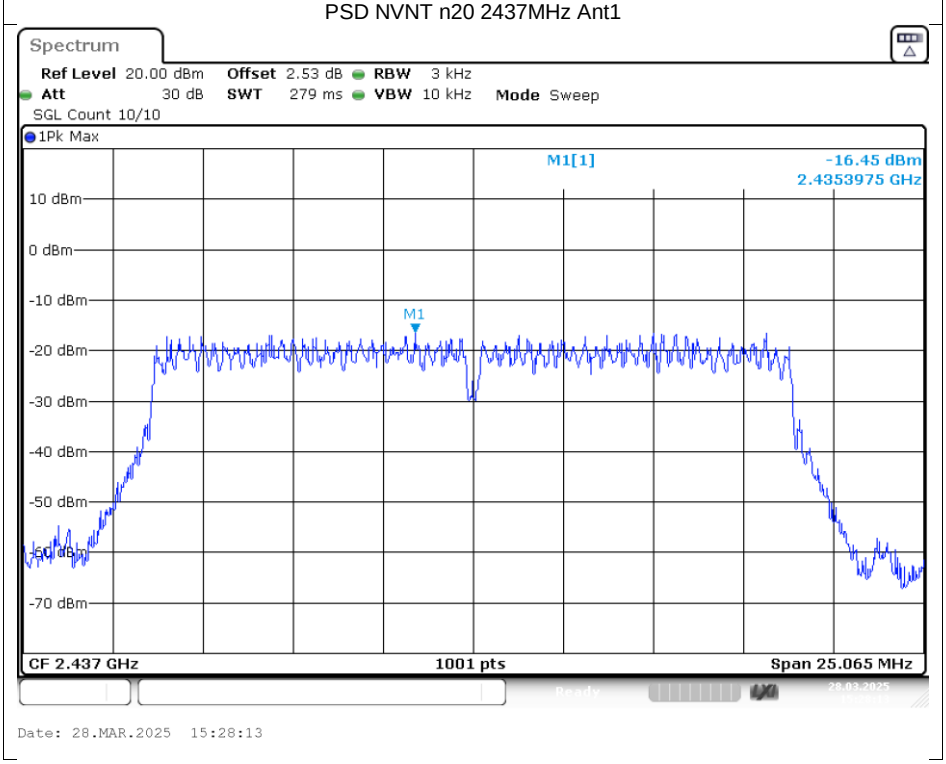


Date: 28.MAR.2025 15:24:22

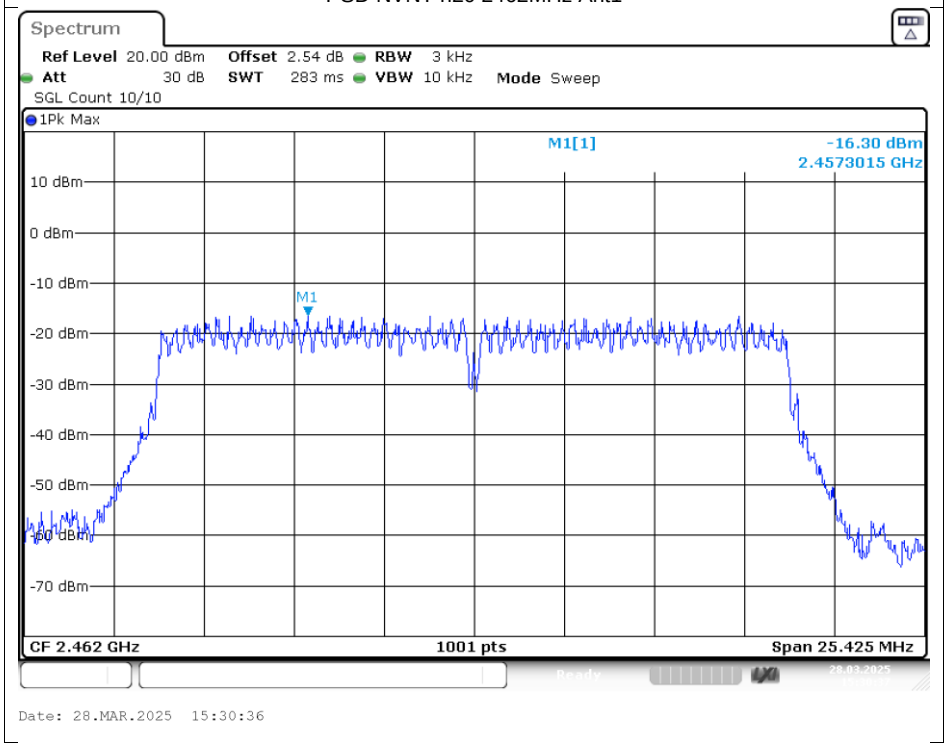
PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2437MHz Ant1



PSD NVNT n20 2462MHz Ant1

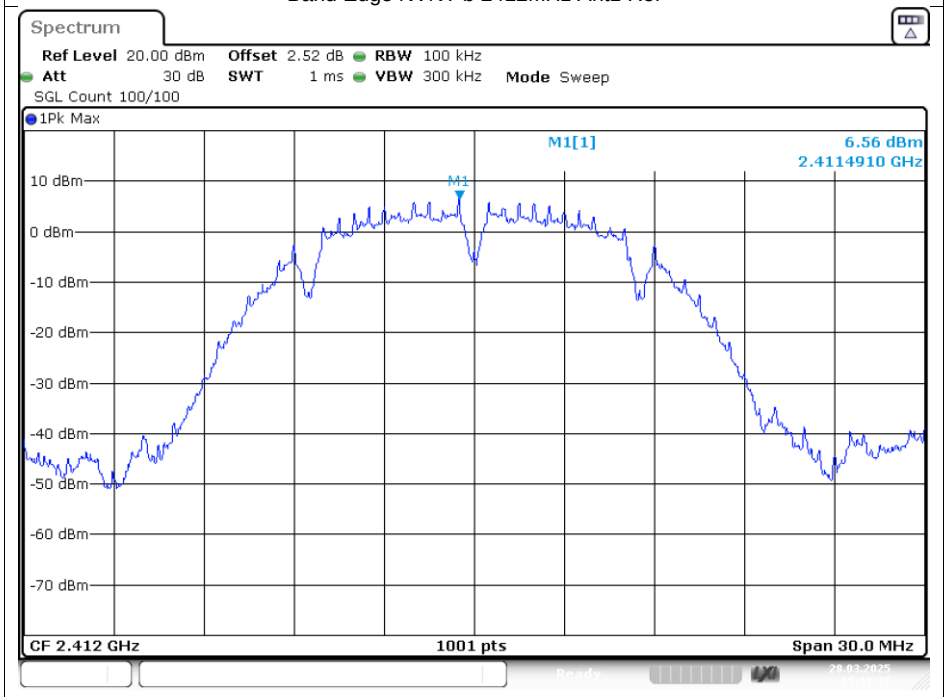


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-48.49	-20	Pass
NVNT	b	2462	Ant1	-55.18	-20	Pass
NVNT	g	2412	Ant1	-40.84	-20	Pass
NVNT	g	2462	Ant1	-50.99	-20	Pass
NVNT	n20	2412	Ant1	-41.34	-20	Pass
NVNT	n20	2462	Ant1	-51.35	-20	Pass

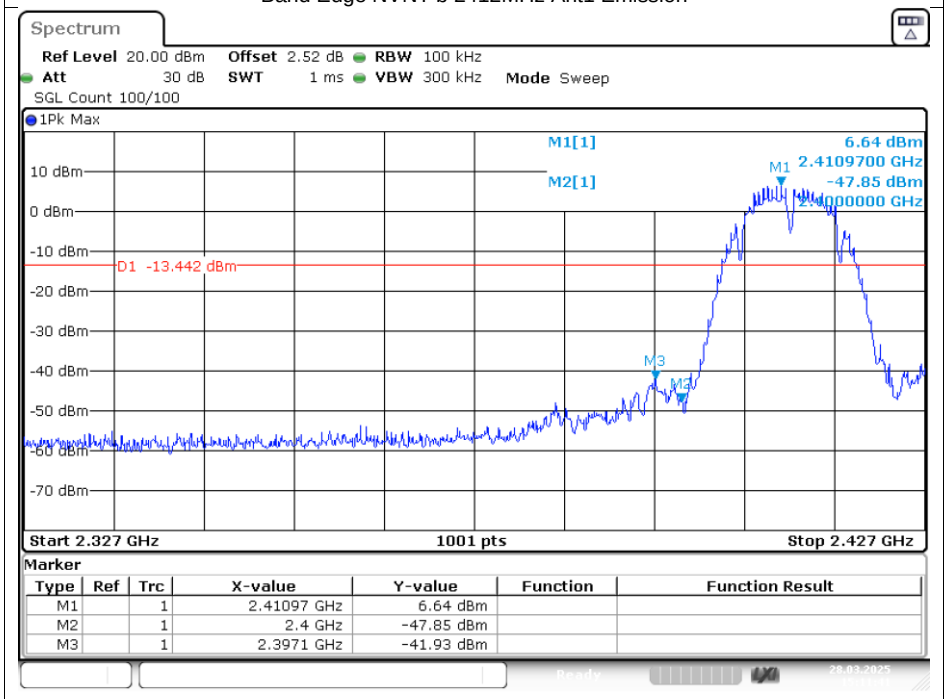
Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



Date: 28.MAR.2025 15:11:37

Band Edge NVNT b 2412MHz Ant1 Emission

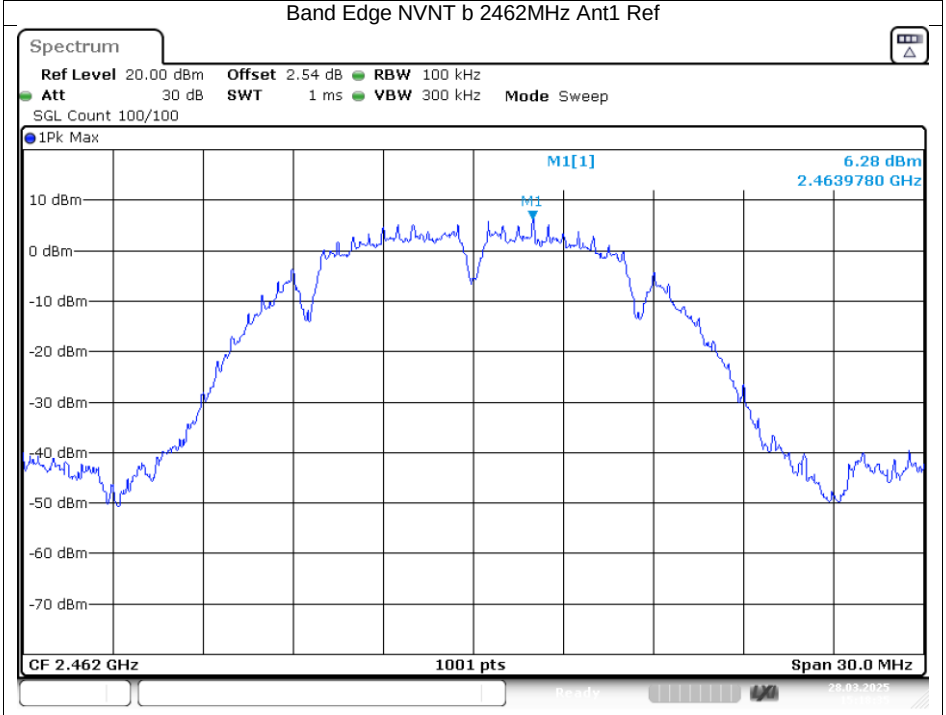


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41097 GHz	6.64 dBm		
M2		1	2.4 GHz	-47.85 dBm		
M3		1	2.3971 GHz	-41.93 dBm		

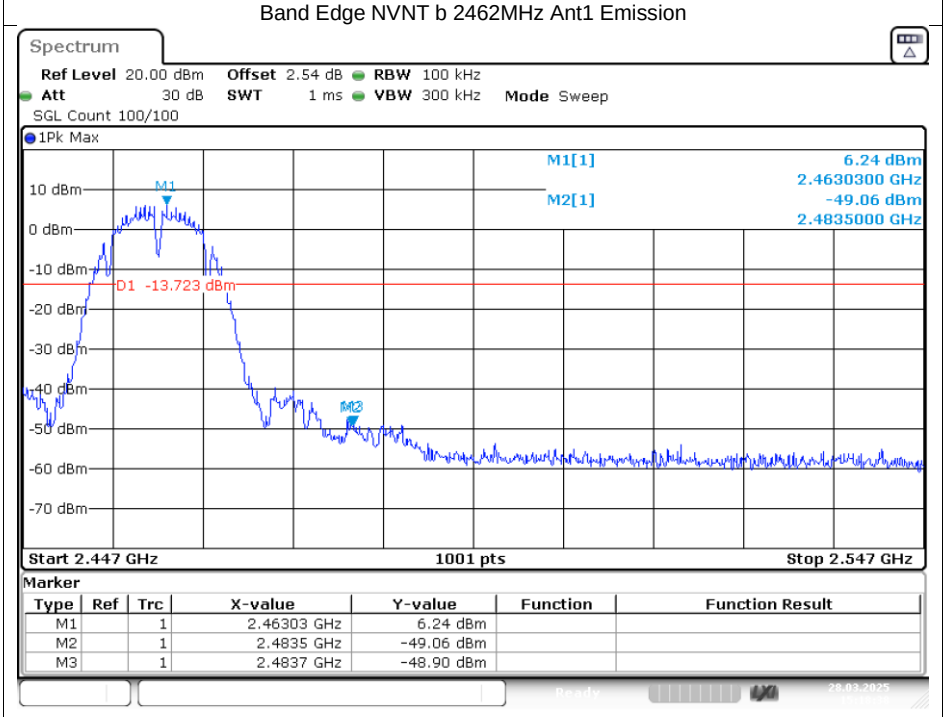
Date: 28.MAR.2025 15:11:41

Band Edge NVNT b 2462MHz Ant1 Ref



Date: 28.MAR.2025 15:18:35

Band Edge NVNT b 2462MHz Ant1 Emission

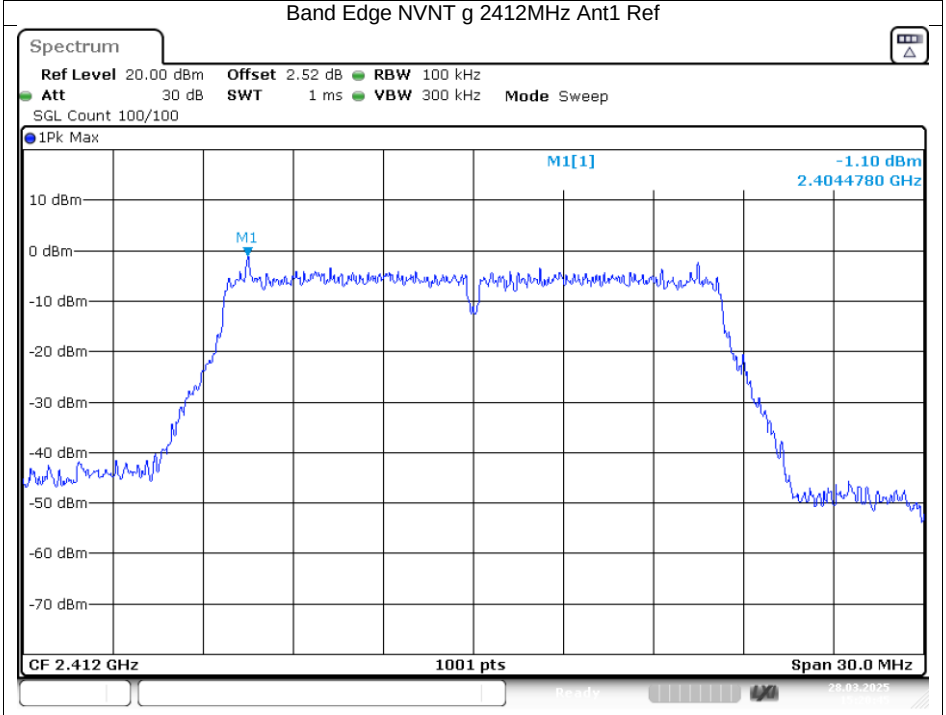


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46303 GHz	6.24 dBm		
M2		1	2.4835 GHz	-49.06 dBm		
M3		1	2.4837 GHz	-48.90 dBm		

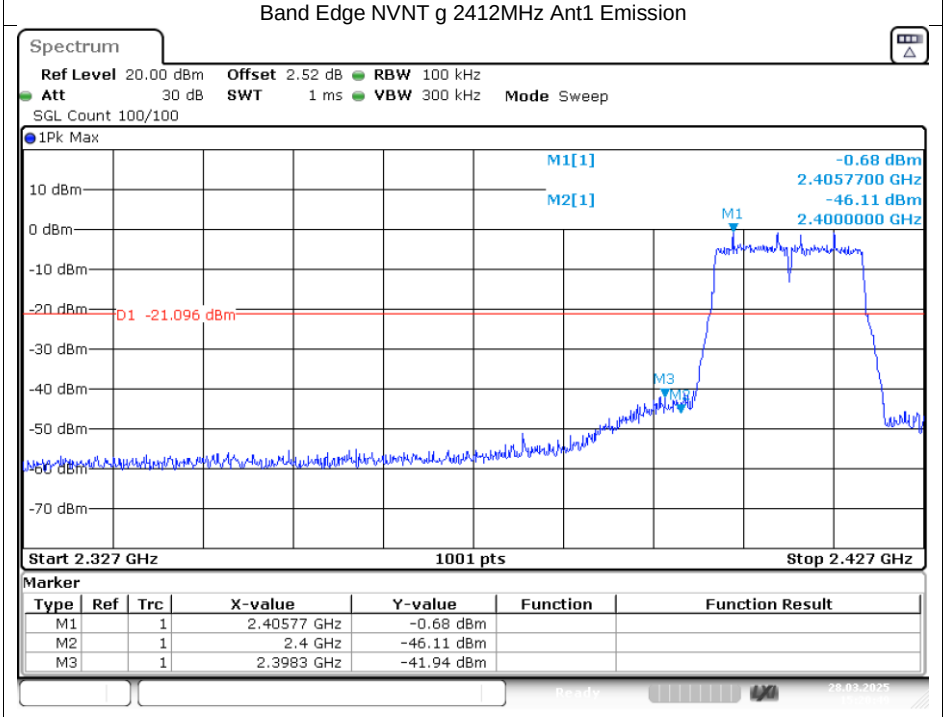
Date: 28.MAR.2025 15:18:38

Band Edge NVNT g 2412MHz Ant1 Ref



Date: 28.MAR.2025 15:20:46

Band Edge NVNT g 2412MHz Ant1 Emission

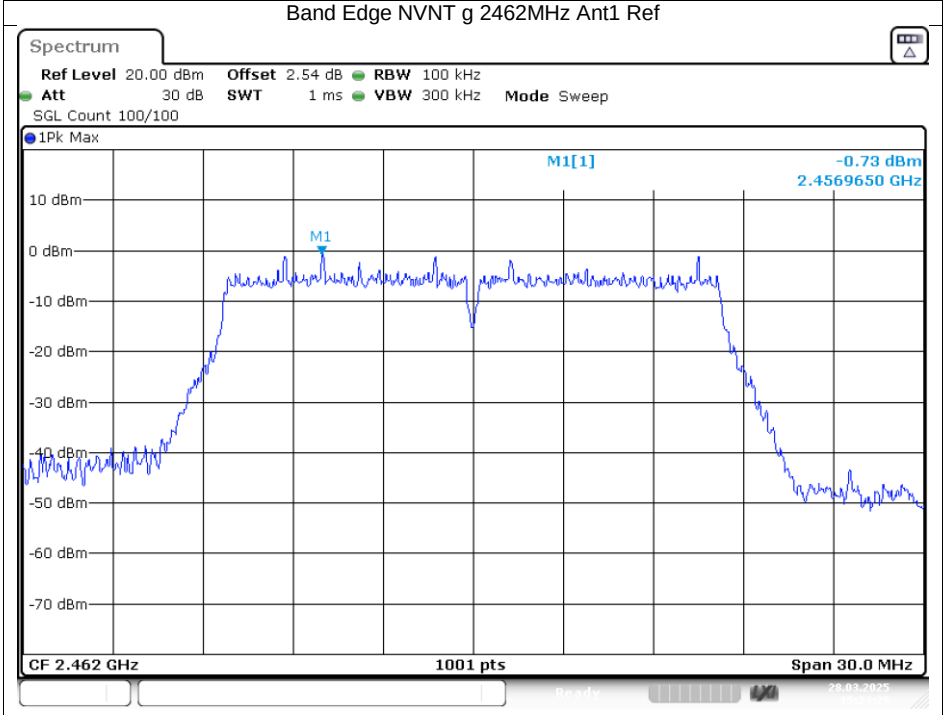


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40577 GHz	-0.68 dBm		
M2		1	2.4 GHz	-46.11 dBm		
M3		1	2.3983 GHz	-41.94 dBm		

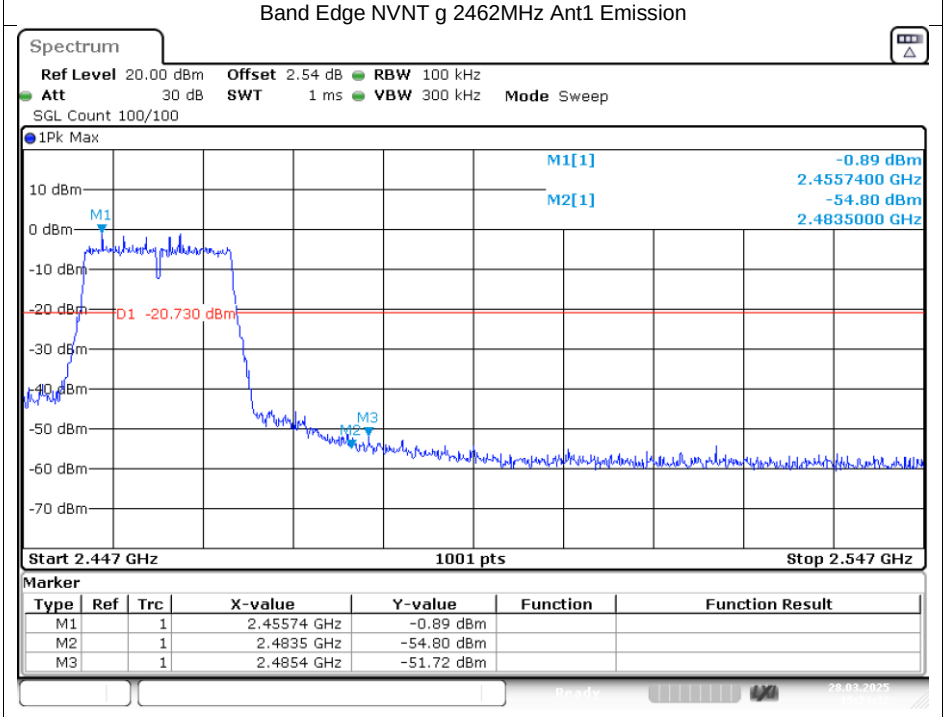
Date: 28.MAR.2025 15:20:49

Band Edge NVNT g 2462MHz Ant1 Ref



Date: 28.MAR.2025 15:24:29

Band Edge NVNT g 2462MHz Ant1 Emission

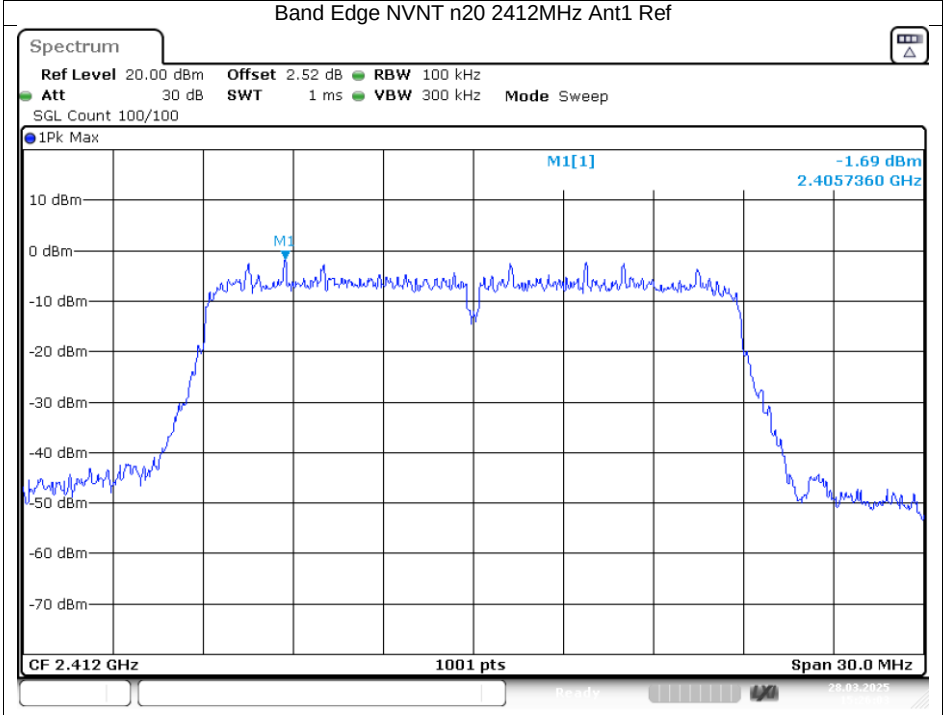


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45574 GHz	-0.89 dBm		
M2		1	2.4835 GHz	-54.80 dBm		
M3		1	2.4854 GHz	-51.72 dBm		

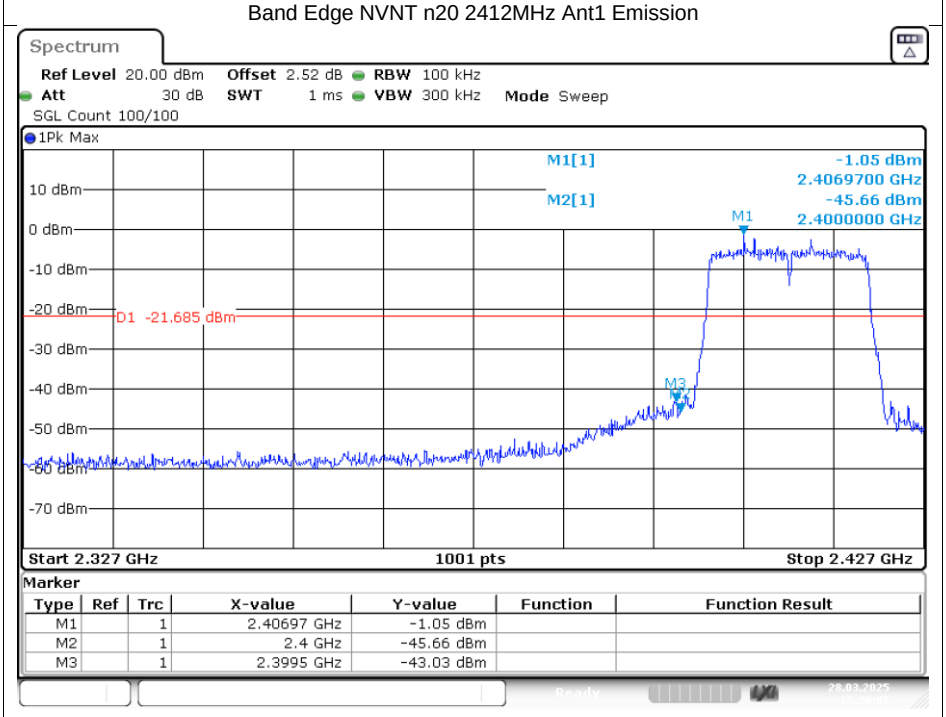
Date: 28.MAR.2025 15:24:32

Band Edge NVNT n20 2412MHz Ant1 Ref



Date: 28.MAR.2025 15:26:03

Band Edge NVNT n20 2412MHz Ant1 Emission

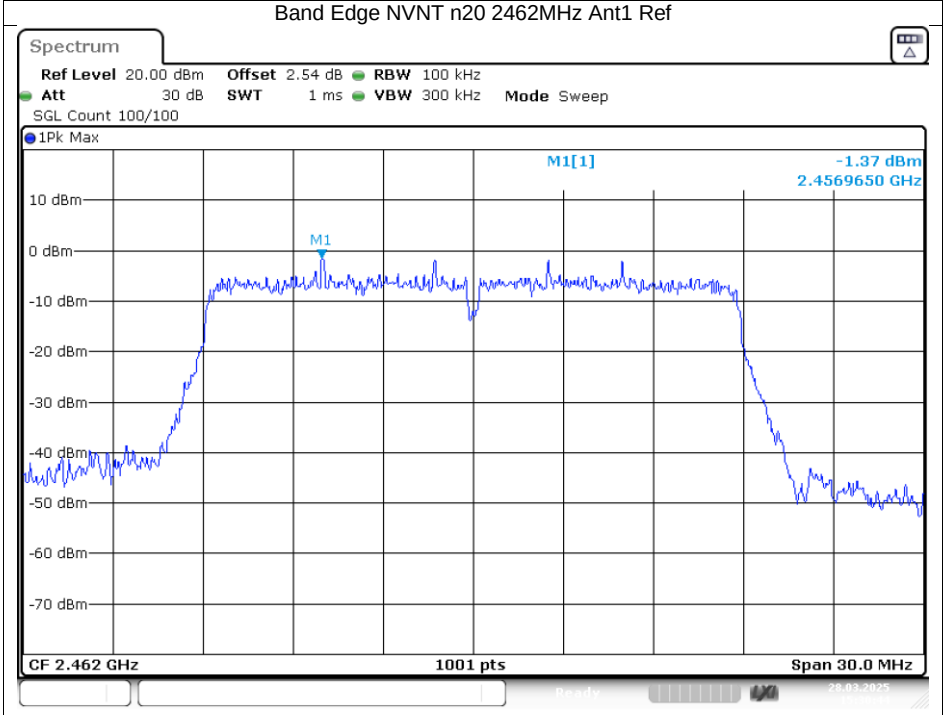


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40697 GHz	-1.05 dBm		
M2		1	2.4 GHz	-45.66 dBm		
M3		1	2.3995 GHz	-43.03 dBm		

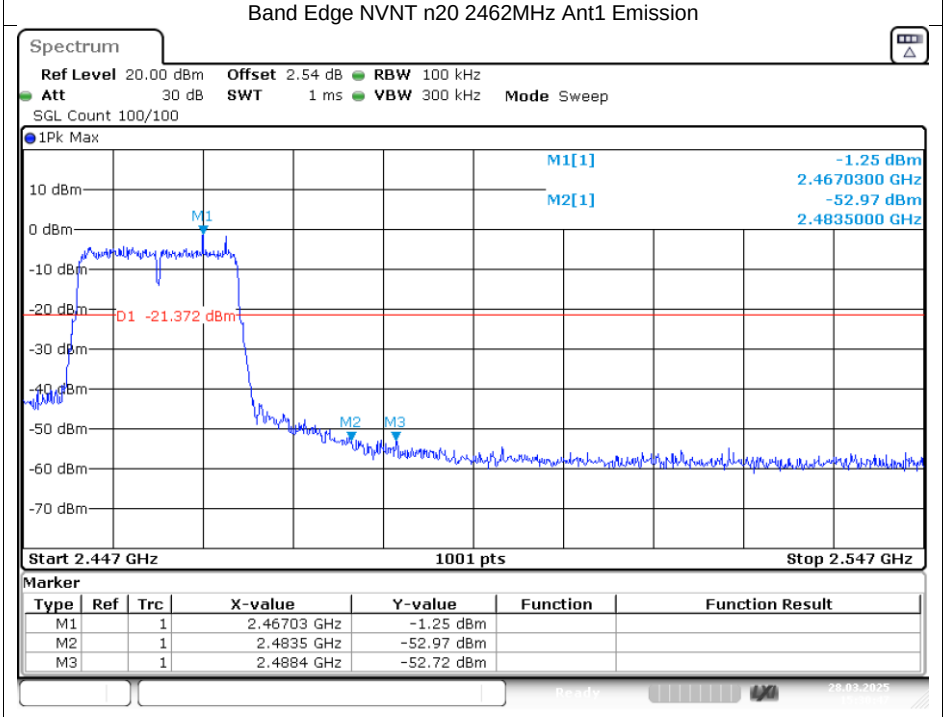
Date: 28.MAR.2025 15:26:06

Band Edge NVNT n20 2462MHz Ant1 Ref



Date: 28.MAR.2025 15:30:44

Band Edge NVNT n20 2462MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46703 GHz	-1.25 dBm		
M2		1	2.4835 GHz	-52.97 dBm		
M3		1	2.4884 GHz	-52.72 dBm		

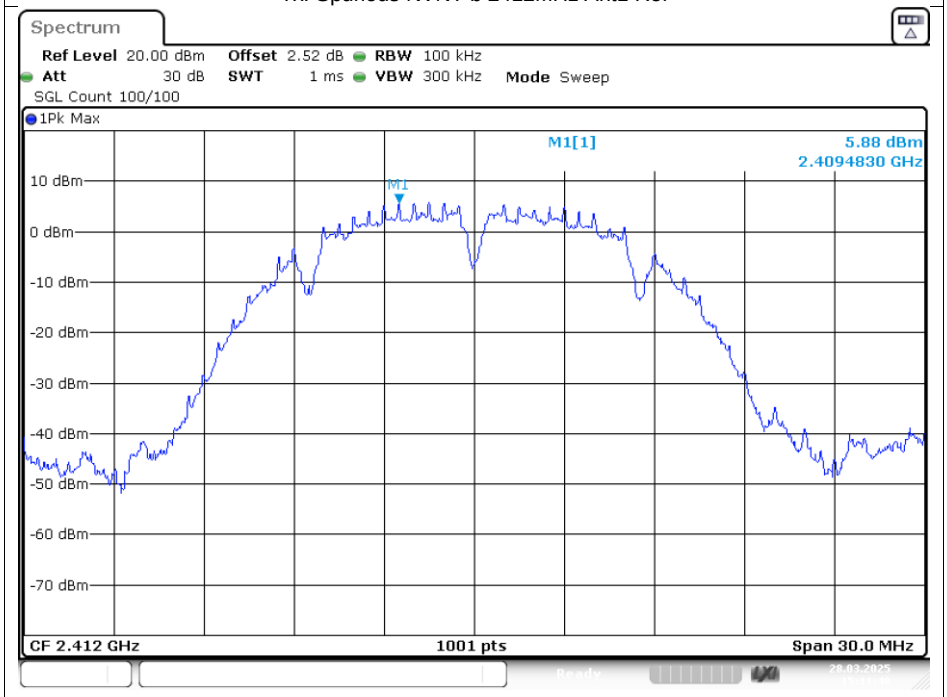
Date: 28.MAR.2025 15:30:47

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-53.29	-20	Pass
NVNT	b	2437	Ant1	-52.28	-20	Pass
NVNT	b	2462	Ant1	-50.87	-20	Pass
NVNT	g	2412	Ant1	-49.5	-20	Pass
NVNT	g	2437	Ant1	-49.15	-20	Pass
NVNT	g	2462	Ant1	-48.7	-20	Pass
NVNT	n20	2412	Ant1	-48.81	-20	Pass
NVNT	n20	2437	Ant1	-48.4	-20	Pass
NVNT	n20	2462	Ant1	-48.52	-20	Pass

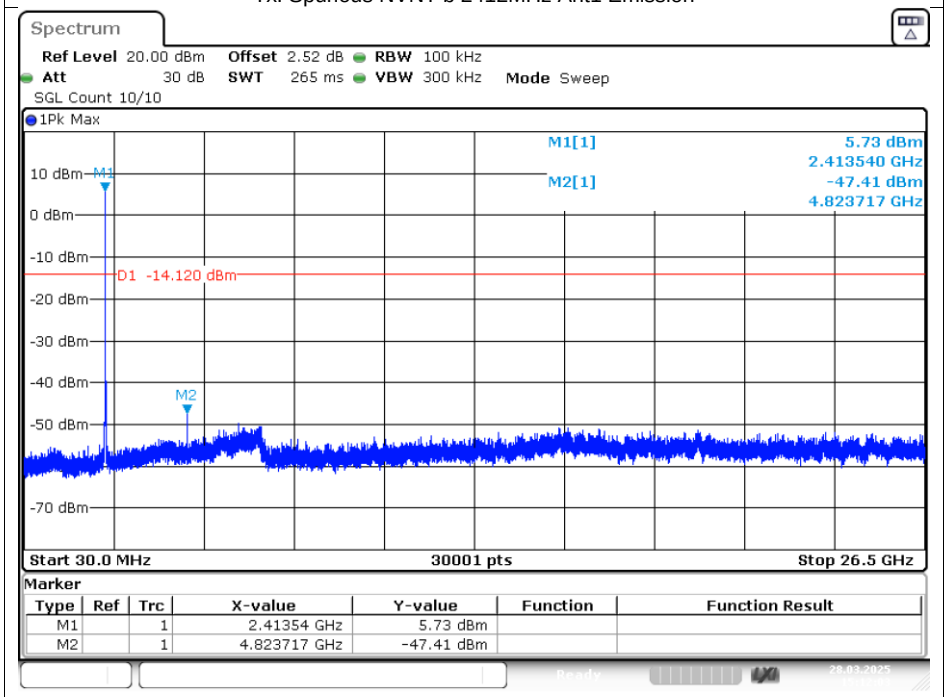
Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



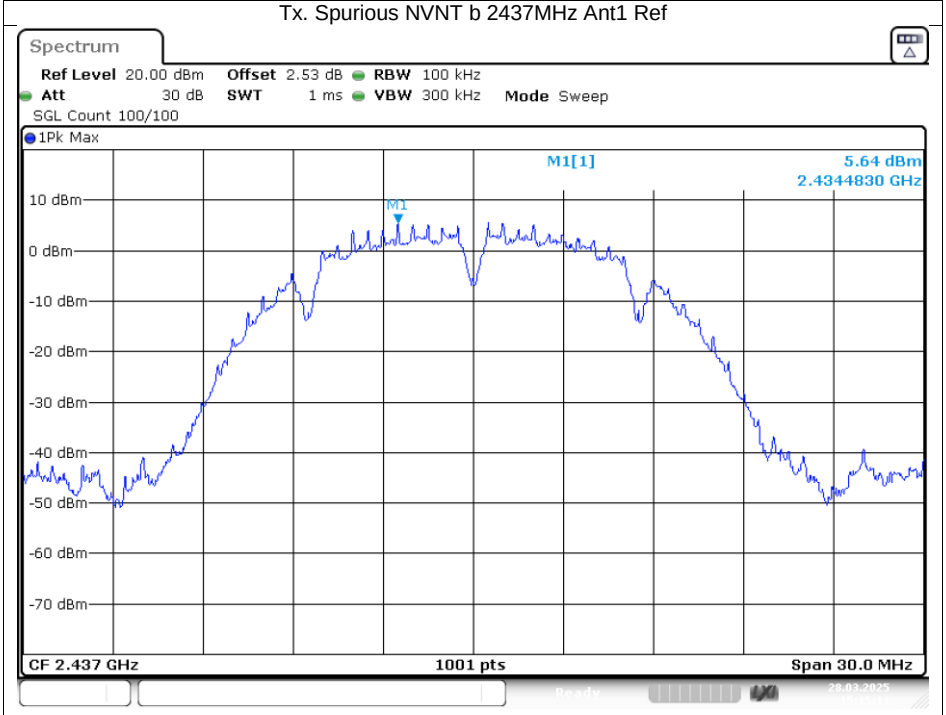
Date: 28.MAR.2025 15:11:48

Tx. Spurious NVNT b 2412MHz Ant1 Emission



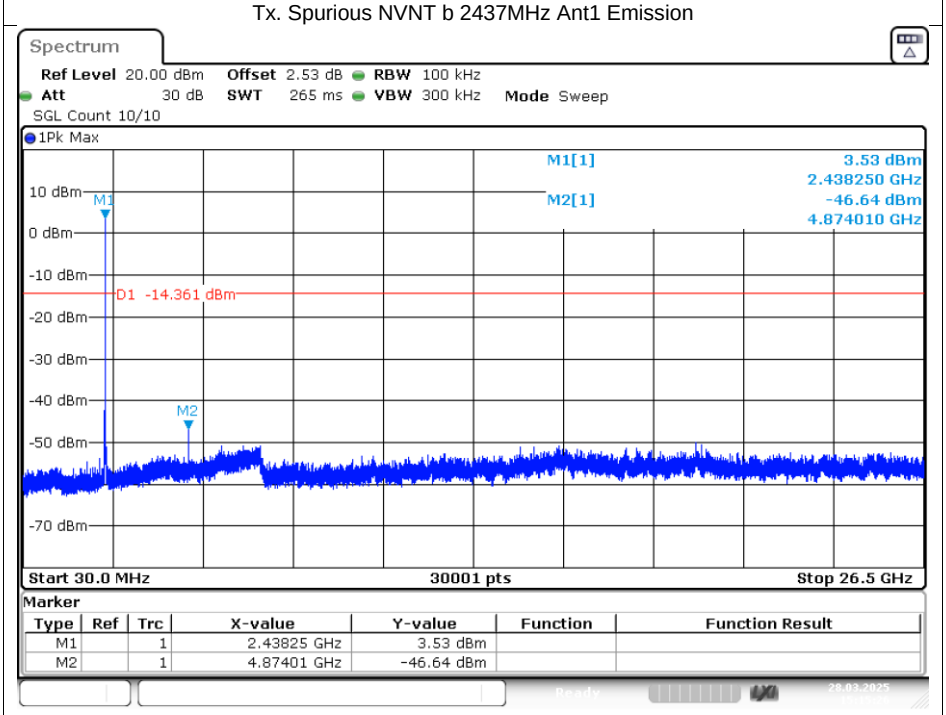
Date: 28.MAR.2025 15:12:03

Tx. Spurious NVNT b 2437MHz Ant1 Ref



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

Tx. Spurious NVNT b 2437MHz Ant1 Emission

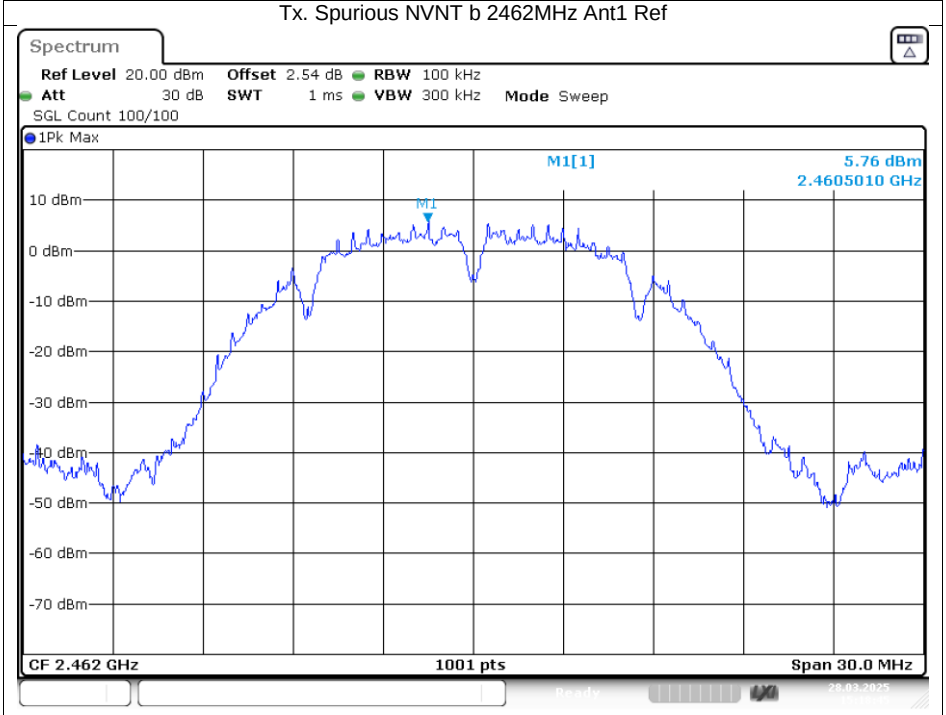


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43825 GHz	3.53 dBm		
M2		1	4.87401 GHz	-46.64 dBm		

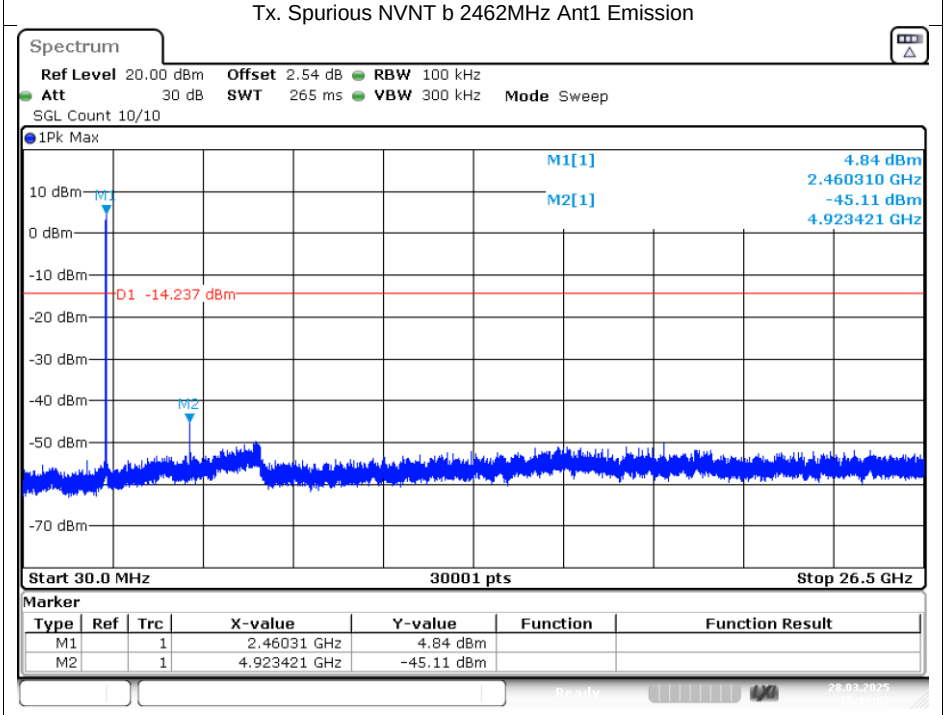
Date: 28.MAR.2025 15:15:26

Tx. Spurious NVNT b 2462MHz Ant1 Ref



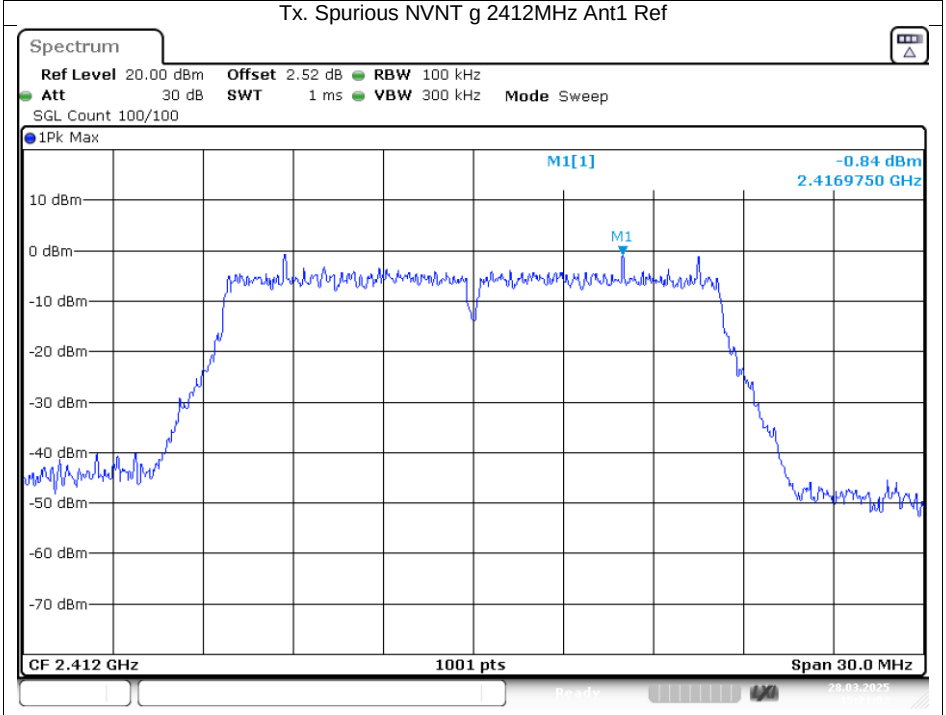
Date: 28.MAR.2025 15:18:46

Tx. Spurious NVNT b 2462MHz Ant1 Emission



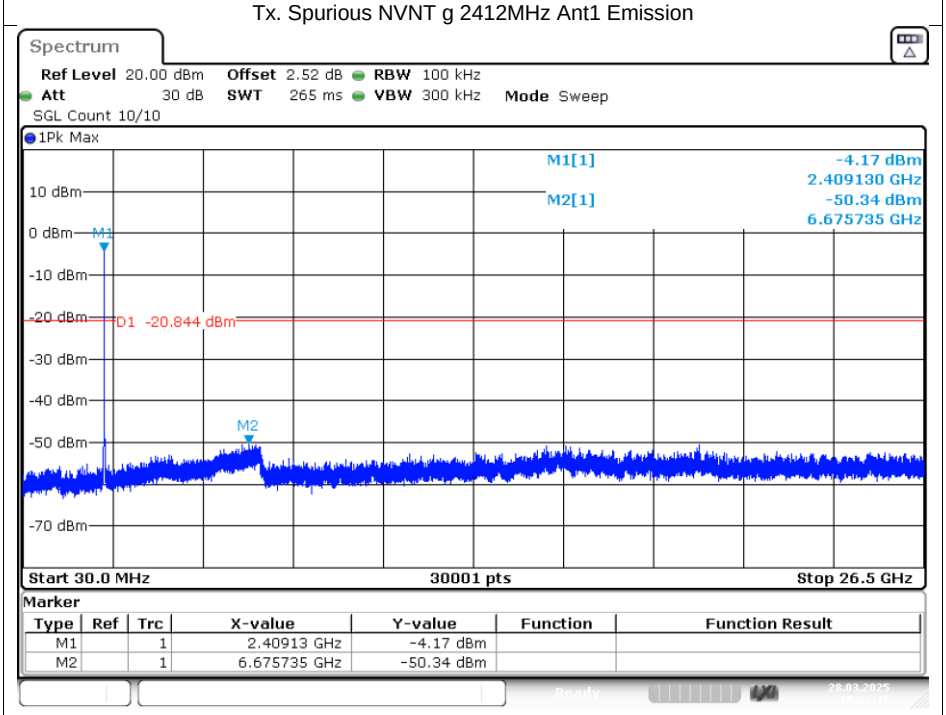
Date: 28.MAR.2025 15:19:01

Tx. Spurious NVNT g 2412MHz Ant1 Ref



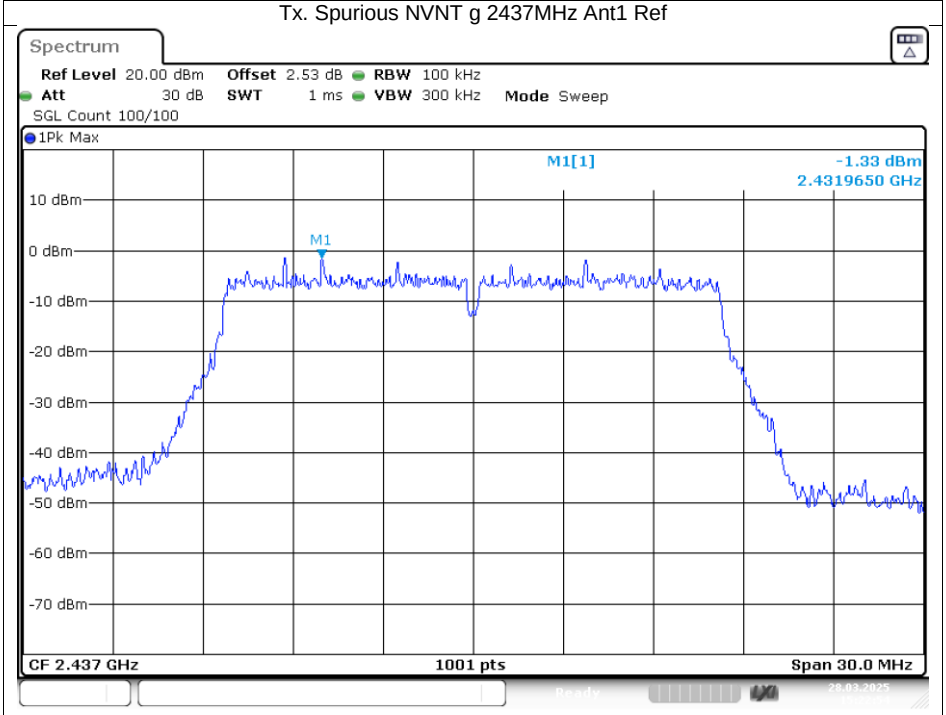
Date: 28.MAR.2025 15:21:02

Tx. Spurious NVNT g 2412MHz Ant1 Emission



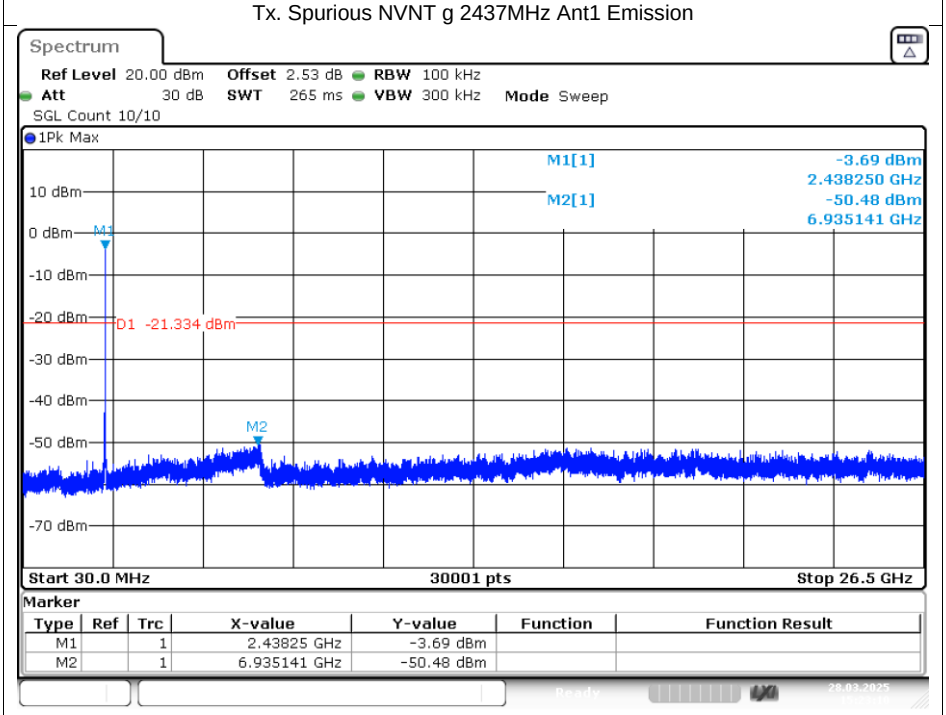
Date: 28.MAR.2025 15:21:17

Tx. Spurious NVNT g 2437MHz Ant1 Ref



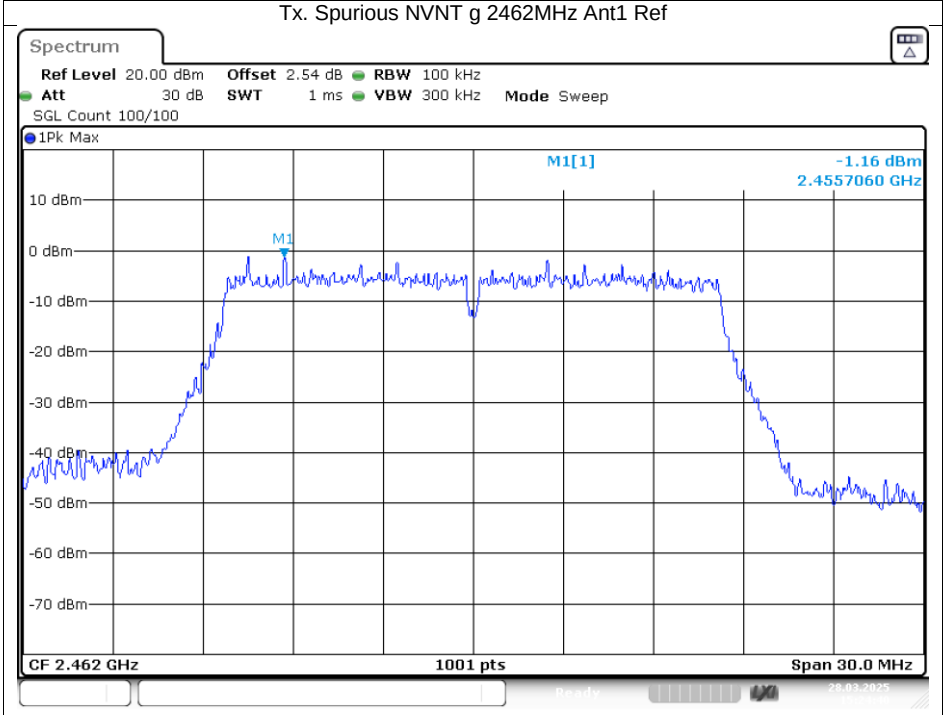
Date: 28.MAR.2025 15:22:55

Tx. Spurious NVNT g 2437MHz Ant1 Emission



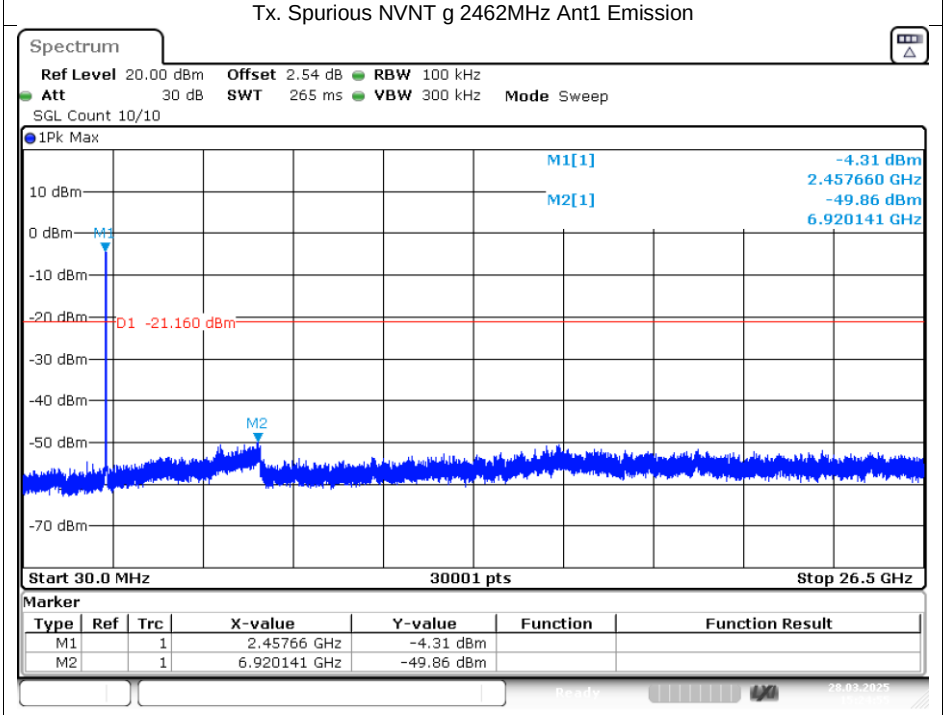
Date: 28.MAR.2025 15:23:10

Tx. Spurious NVNT g 2462MHz Ant1 Ref



Date: 28.MAR.2025 15:24:40

Tx. Spurious NVNT g 2462MHz Ant1 Emission

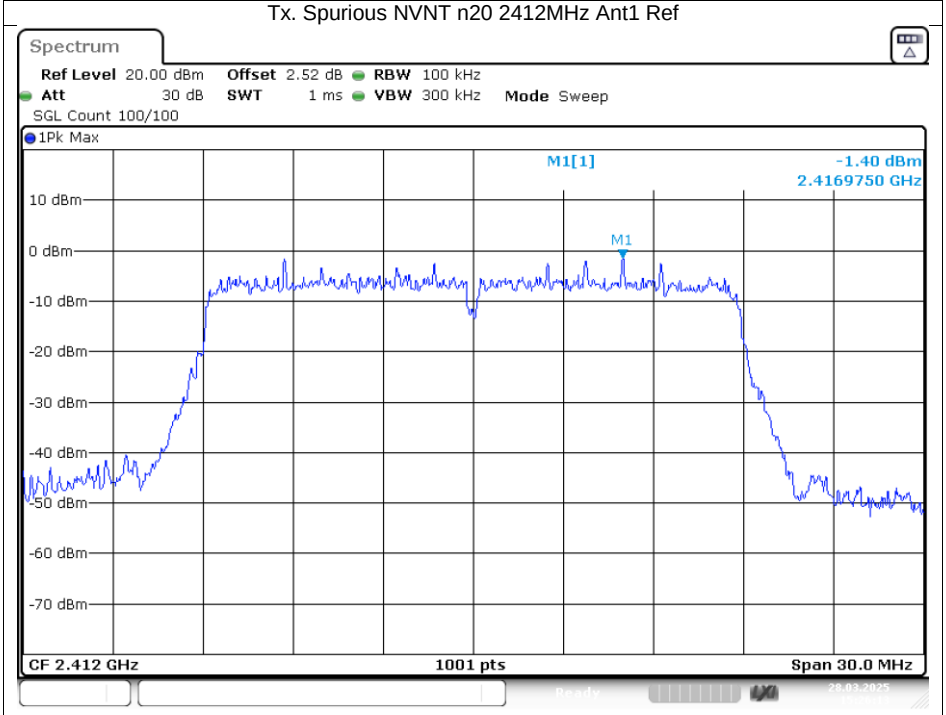


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45766 GHz	-4.31 dBm		
M2		1	6.920141 GHz	-49.86 dBm		

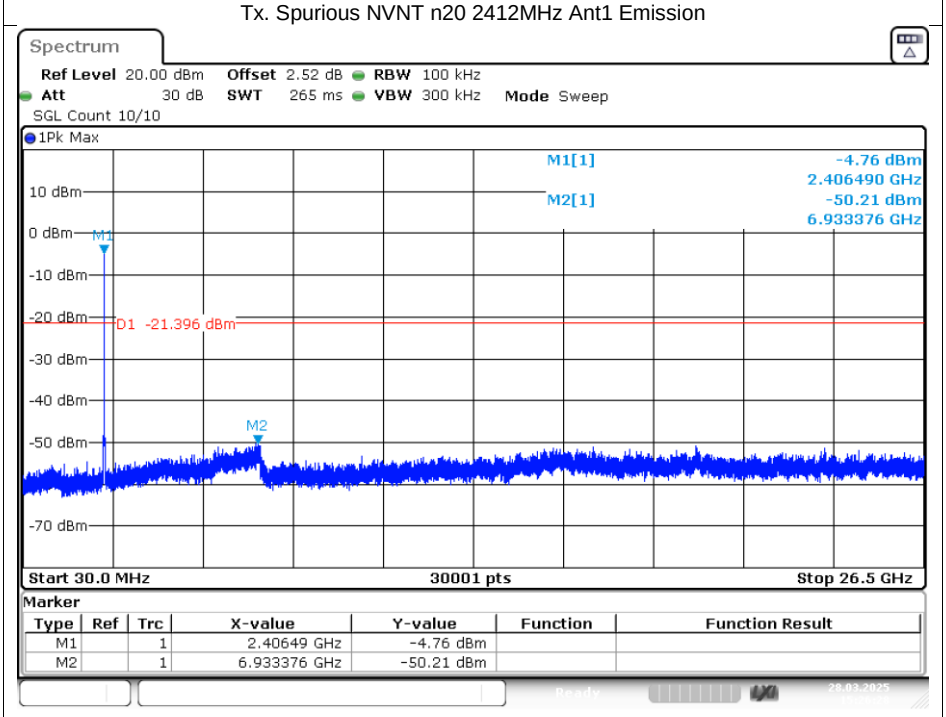
Date: 28.MAR.2025 15:24:55

Tx. Spurious NVNT n20 2412MHz Ant1 Ref



Date: 28.MAR.2025 15:26:13

Tx. Spurious NVNT n20 2412MHz Ant1 Emission

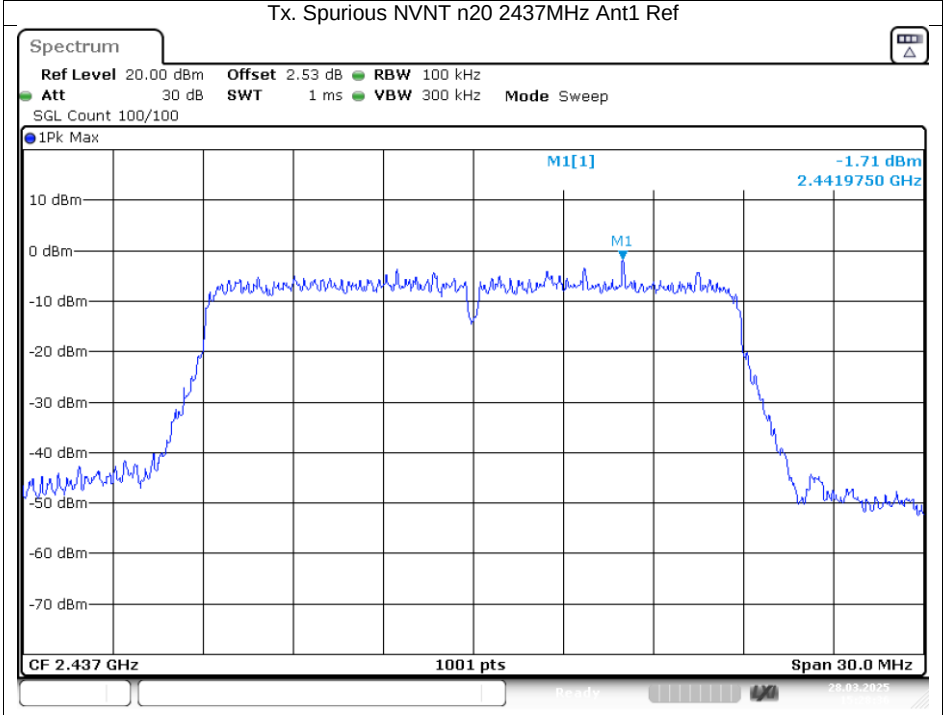


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40649 GHz	-4.76 dBm		
M2		1	6.933376 GHz	-50.21 dBm		

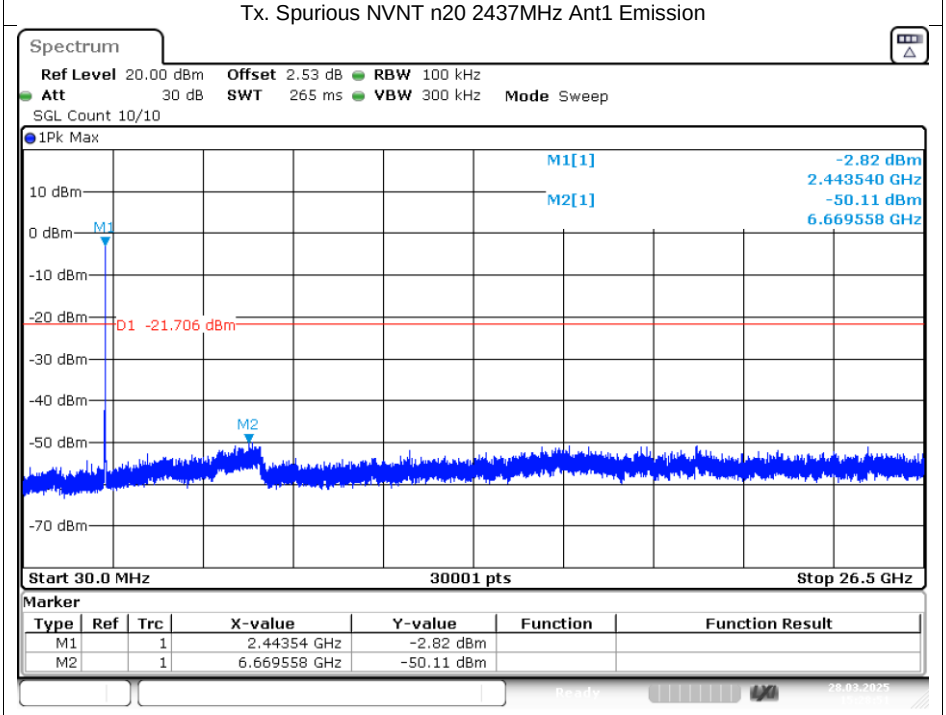
Date: 28.MAR.2025 15:26:28

Tx. Spurious NVNT n20 2437MHz Ant1 Ref



Date: 28.MAR.2025 15:28:36

Tx. Spurious NVNT n20 2437MHz Ant1 Emission

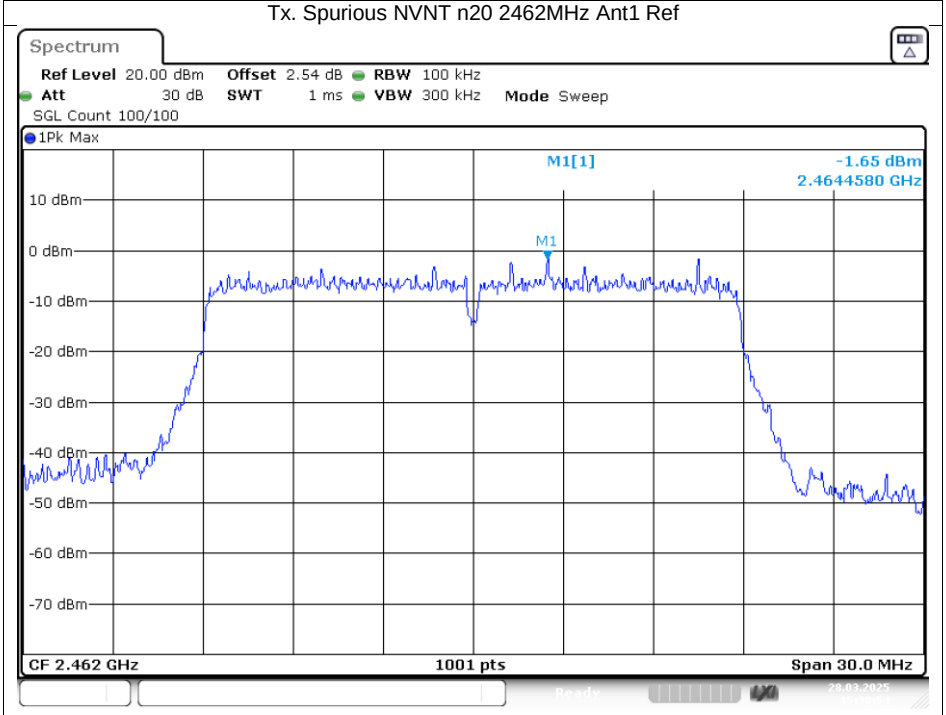


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44354 GHz	-2.82 dBm		
M2		1	6.669558 GHz	-50.11 dBm		

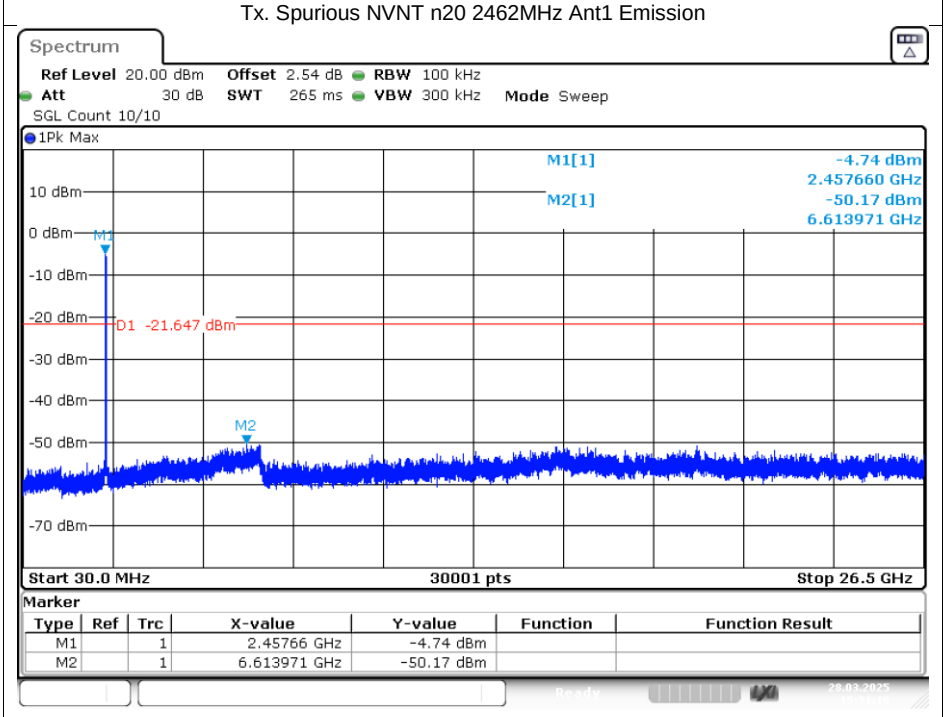
Date: 28.MAR.2025 15:28:51

Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Date: 28.MAR.2025 15:30:55

Tx. Spurious NVNT n20 2462MHz Ant1 Emission



Date: 28.MAR.2025 15:31:10

END OF REPORT