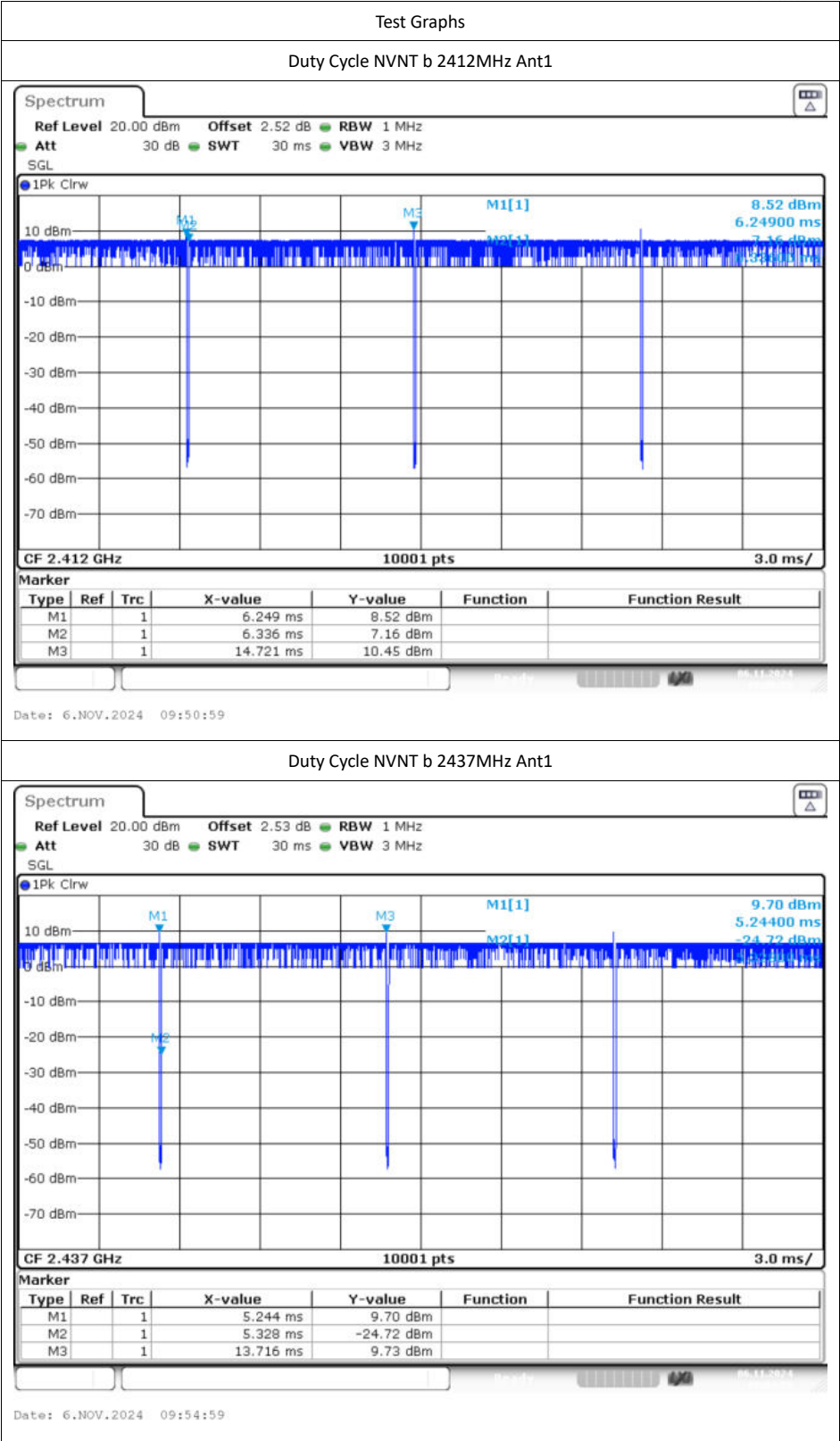
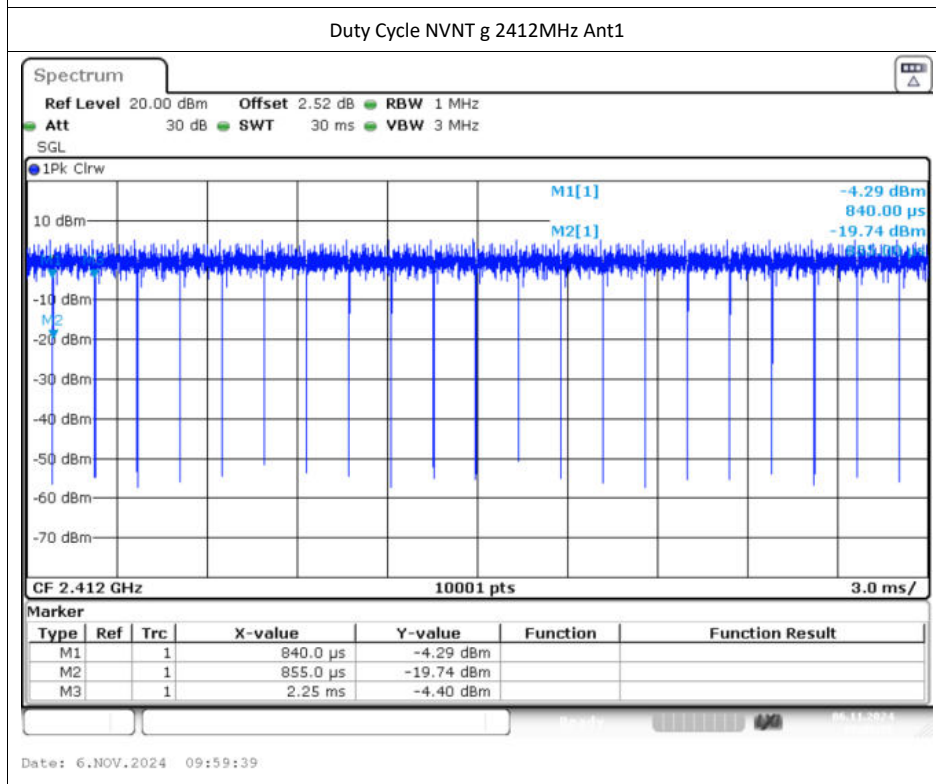
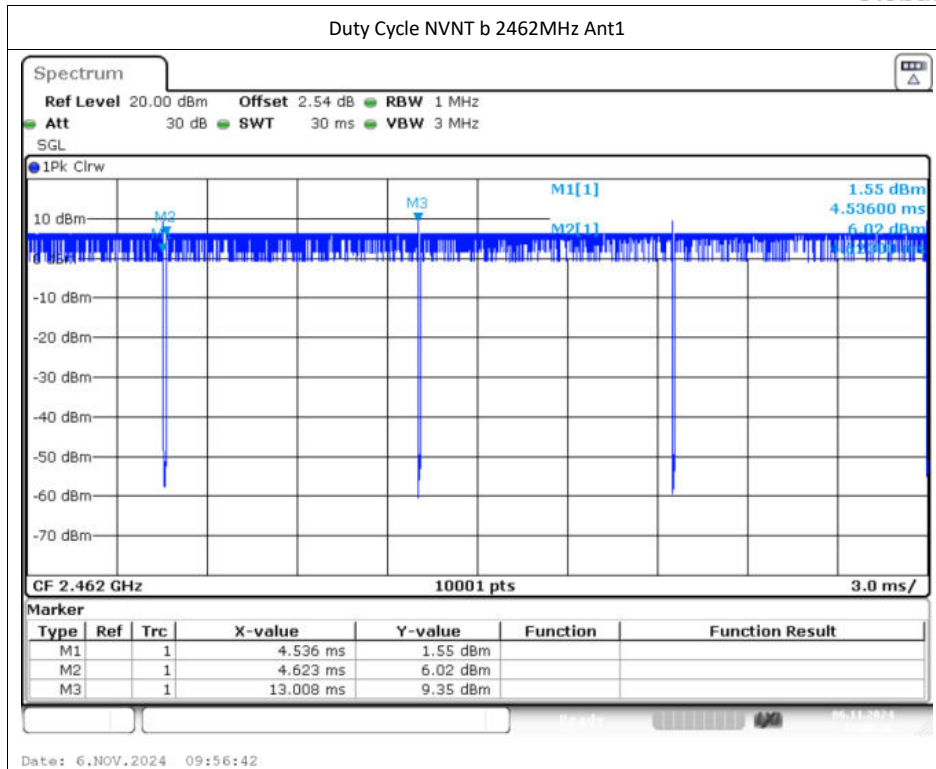


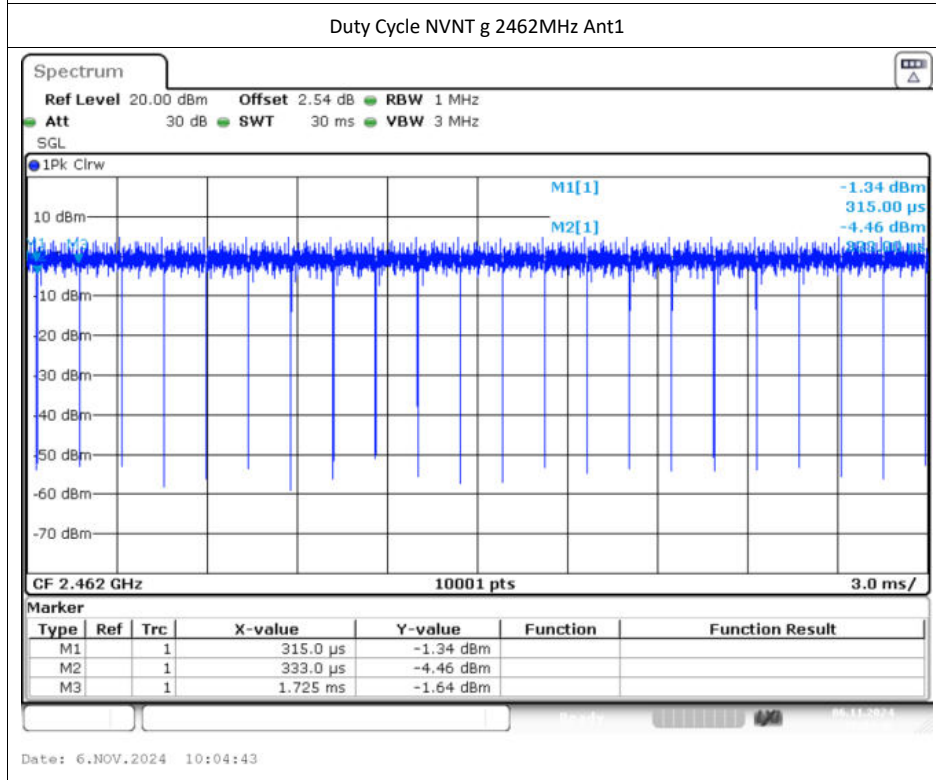
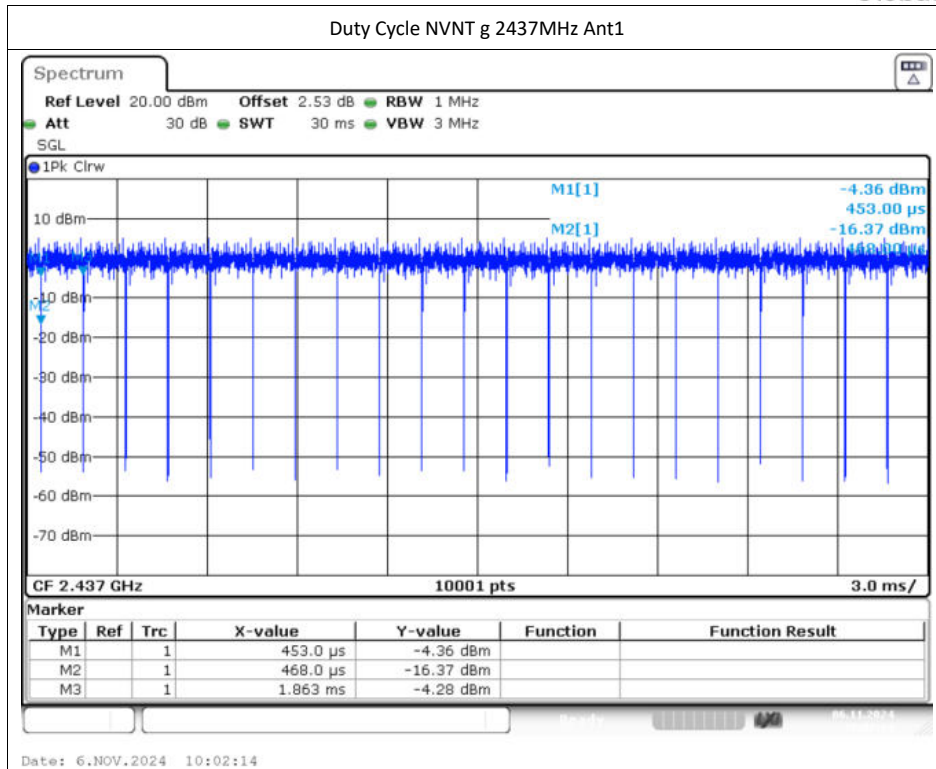
Appendix A

Duty Cycle

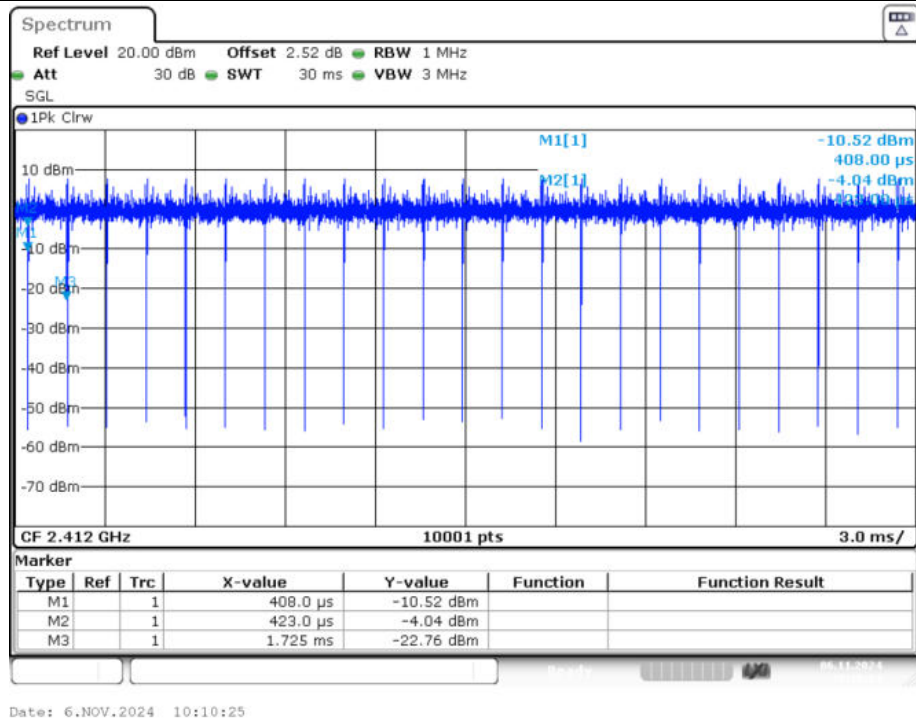
Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Final settingFor VBW (kHz)
NVNT	b	2412	Ant1	8.39	8.47	99.06	0	0.12	1
NVNT	b	2437	Ant1	8.39	8.47	99.06	0	0.12	1
NVNT	b	2462	Ant1	8.39	8.47	99.06	0	0.12	1
NVNT	g	2412	Ant1	1.4	1.41	99.29	0	0.72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



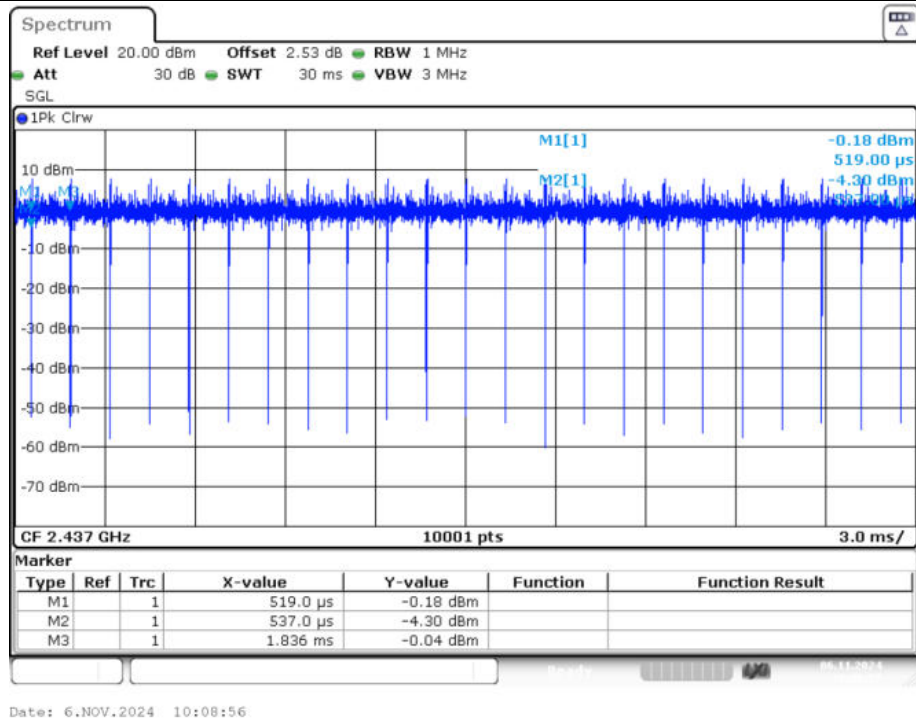




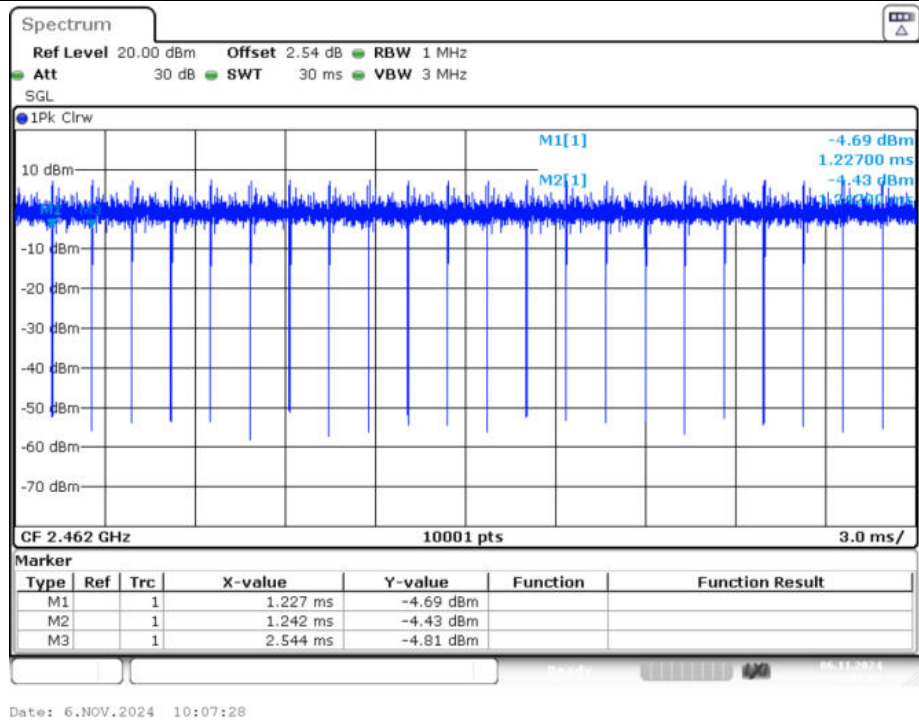
Duty Cycle NVNT n20 2412MHz Ant1



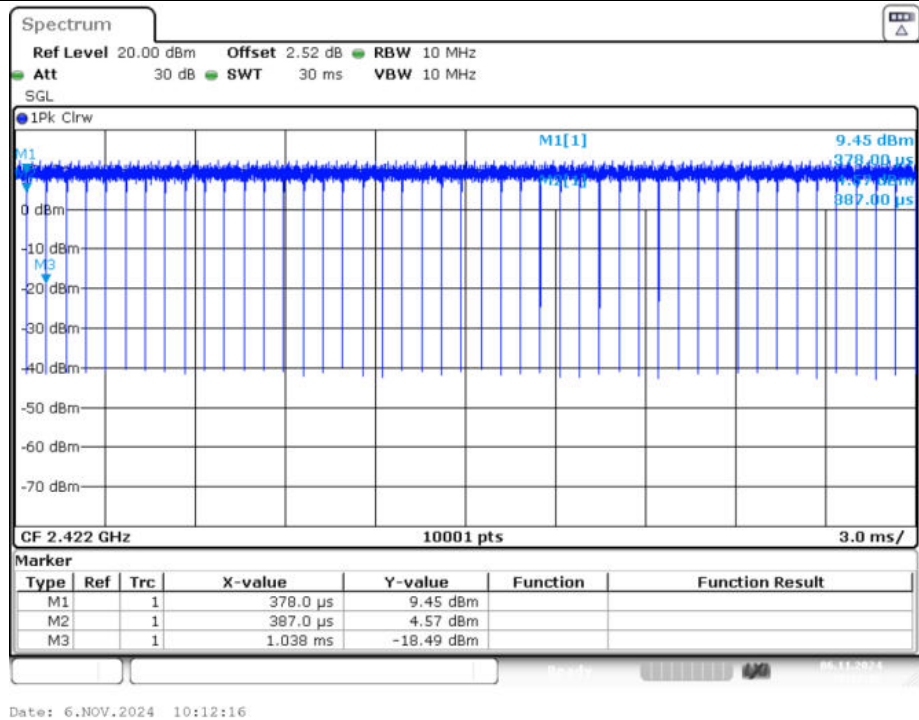
Duty Cycle NVNT n20 2437MHz Ant1



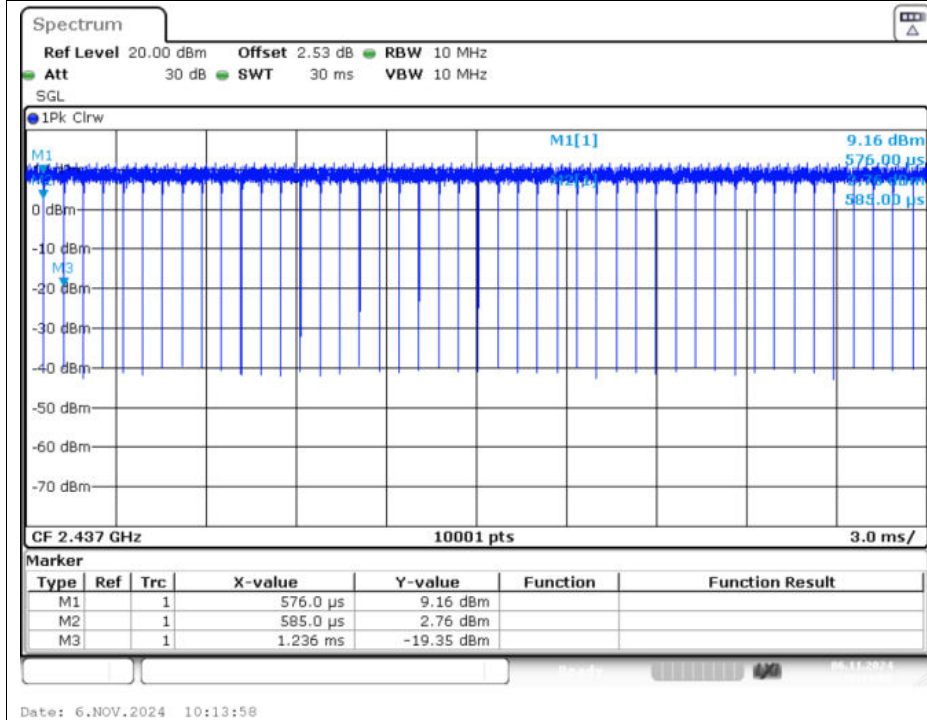
Duty Cycle NVNT n20 2462MHz Ant1



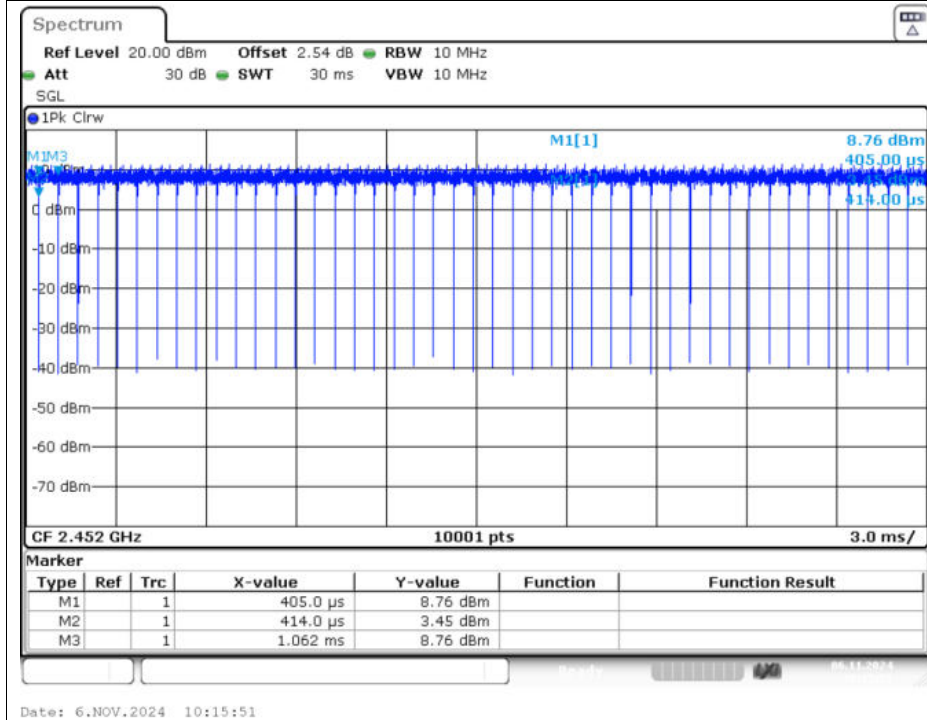
Duty Cycle NVNT n40 2422MHz Ant1



Duty Cycle NVNT n40 2437MHz Ant1



Duty Cycle NVNT n40 2452MHz Ant1



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	16.77	0	16.77	30	Pass
NVNT	b	2437	Ant1	16.28	0	16.28	30	Pass
NVNT	b	2462	Ant1	15.87	0	15.87	30	Pass
NVNT	g	2412	Ant1	15.4	0	15.4	30	Pass
NVNT	g	2437	Ant1	15.28	0	15.28	30	Pass
NVNT	g	2462	Ant1	14.97	0	14.97	30	Pass
NVNT	n20	2412	Ant1	15.35	0	15.35	30	Pass
NVNT	n20	2437	Ant1	15.39	0	15.39	30	Pass
NVNT	n20	2462	Ant1	14.9	0	14.9	30	Pass
NVNT	n40	2422	Ant1	14.35	0	14.35	30	Pass
NVNT	n40	2437	Ant1	14	0	14	30	Pass
NVNT	n40	2452	Ant1	13.56	0	13.56	30	Pass

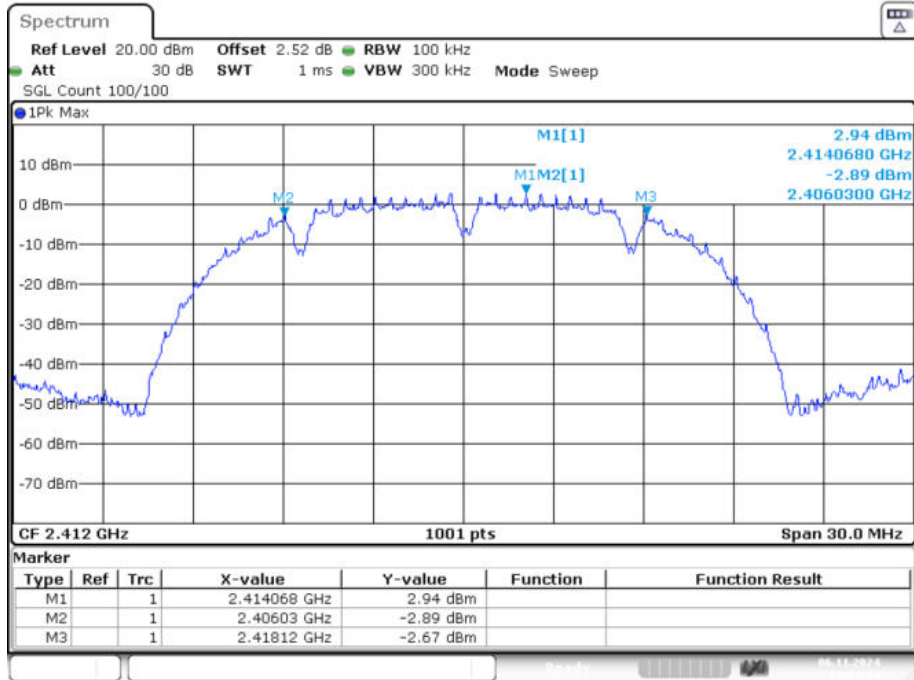
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Conducted Power (dBm)	Antenna Gain (dBi)	E.i.r.p. (dBm)	E.i.r.p. Limit (dBm)	Verdict
NVNT	b	2412	Ant1	16.77	0	16.77	2.2	18.97	36.02	Pass
NVNT	b	2437	Ant1	16.28	0	16.28	2.2	18.48	36.02	Pass
NVNT	b	2462	Ant1	15.87	0	15.87	2.2	18.07	36.02	Pass
NVNT	g	2412	Ant1	15.4	0	15.4	2.2	17.6	36.02	Pass
NVNT	g	2437	Ant1	15.28	0	15.28	2.2	17.48	36.02	Pass
NVNT	g	2462	Ant1	14.97	0	14.97	2.2	17.17	36.02	Pass
NVNT	n20	2412	Ant1	15.35	0	15.35	2.2	17.55	36.02	Pass
NVNT	n20	2437	Ant1	15.39	0	15.39	2.2	17.59	36.02	Pass
NVNT	n20	2462	Ant1	14.9	0	14.9	2.2	17.1	36.02	Pass
NVNT	n40	2422	Ant1	14.35	0	14.35	2.2	16.55	36.02	Pass
NVNT	n40	2437	Ant1	14	0	14	2.2	16.2	36.02	Pass
NVNT	n40	2452	Ant1	13.56	0	13.56	2.2	15.76	36.02	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	12.09	0.5	Pass
NVNT	b	2437	Ant1	11.07	0.5	Pass
NVNT	b	2462	Ant1	12.6	0.5	Pass
NVNT	g	2412	Ant1	15.51	0.5	Pass
NVNT	g	2437	Ant1	16.5	0.5	Pass
NVNT	g	2462	Ant1	16.08	0.5	Pass
NVNT	n20	2412	Ant1	16.71	0.5	Pass
NVNT	n20	2437	Ant1	15.84	0.5	Pass
NVNT	n20	2462	Ant1	15.06	0.5	Pass
NVNT	n40	2422	Ant1	33.9	0.5	Pass
NVNT	n40	2437	Ant1	35.1	0.5	Pass
NVNT	n40	2452	Ant1	28.86	0.5	Pass

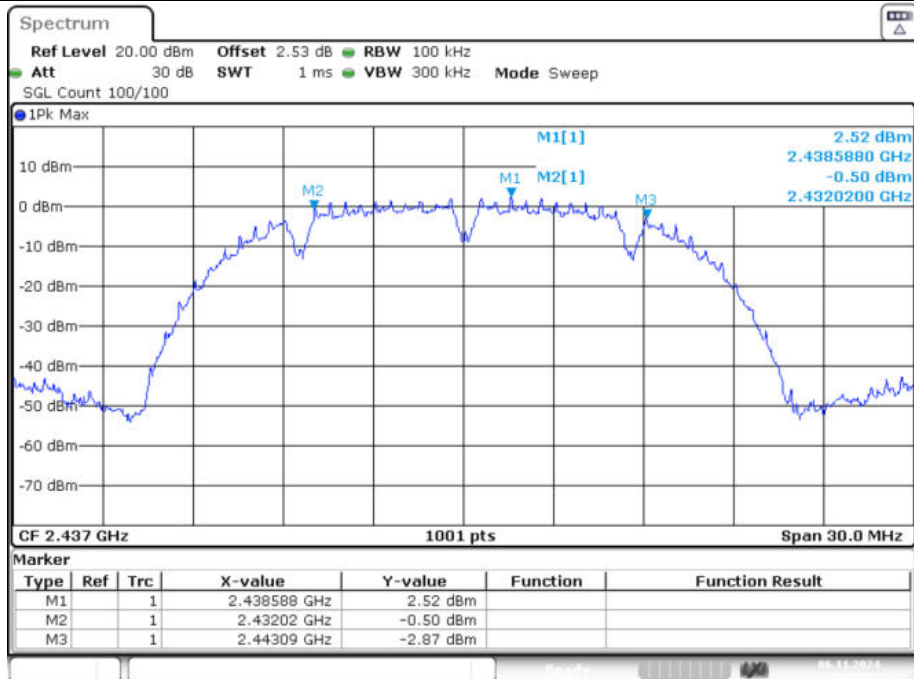
Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



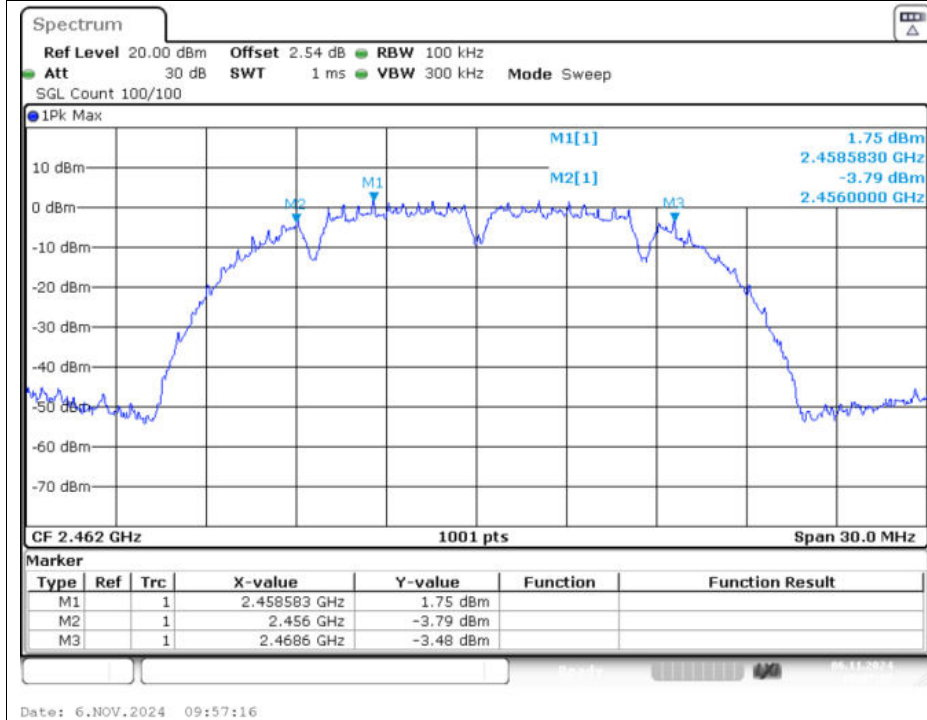
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-6dB Bandwidth NVNT b 2437MHz Ant1

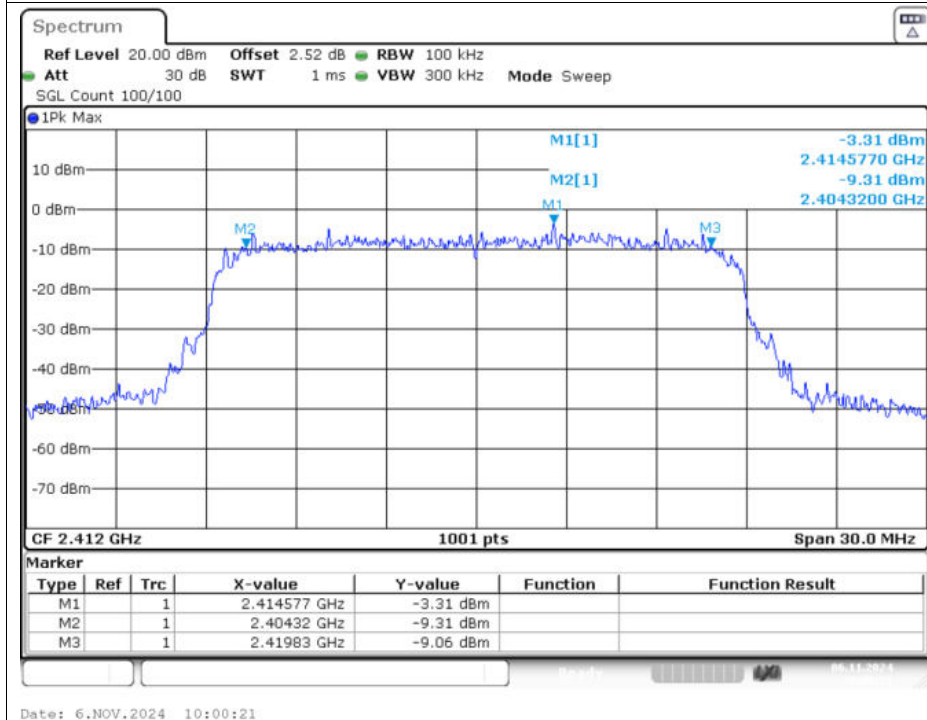


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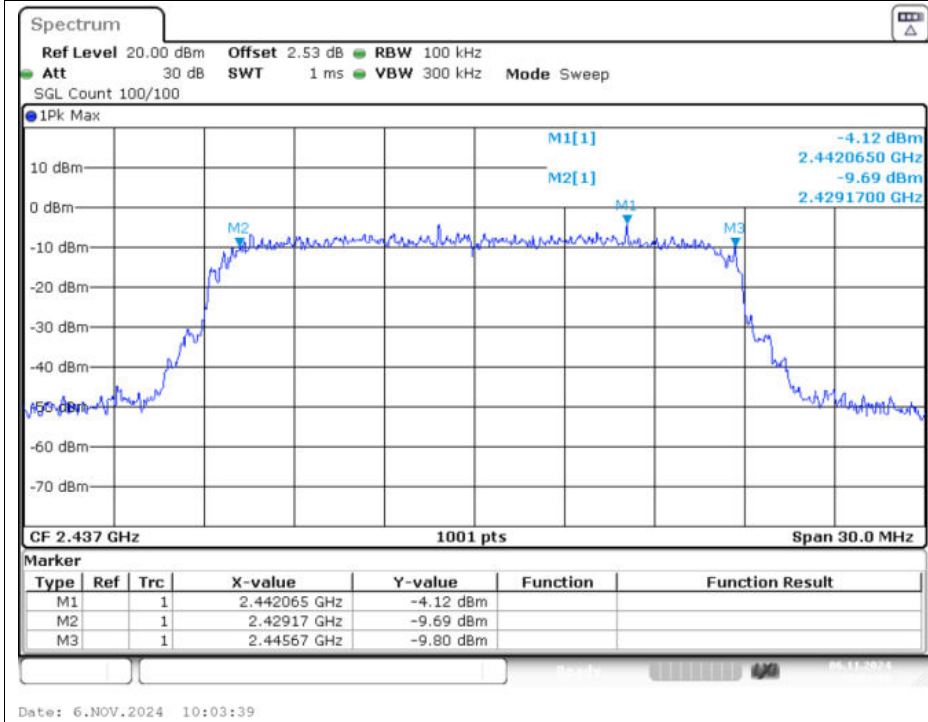
-6dB Bandwidth NVNT b 2462MHz Ant1



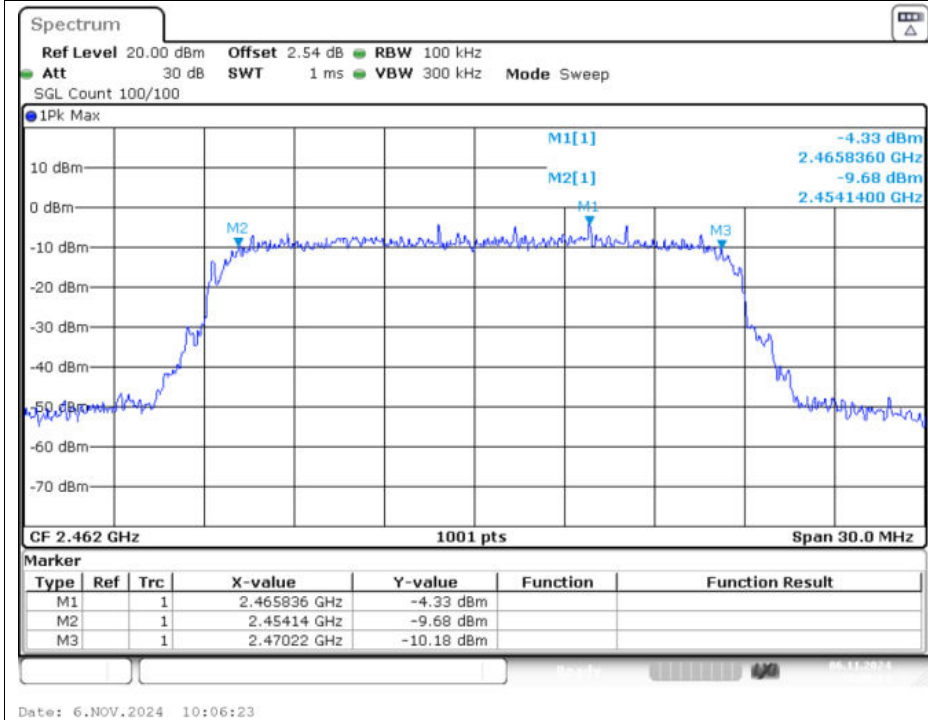
-6dB Bandwidth NVNT g 2412MHz Ant1



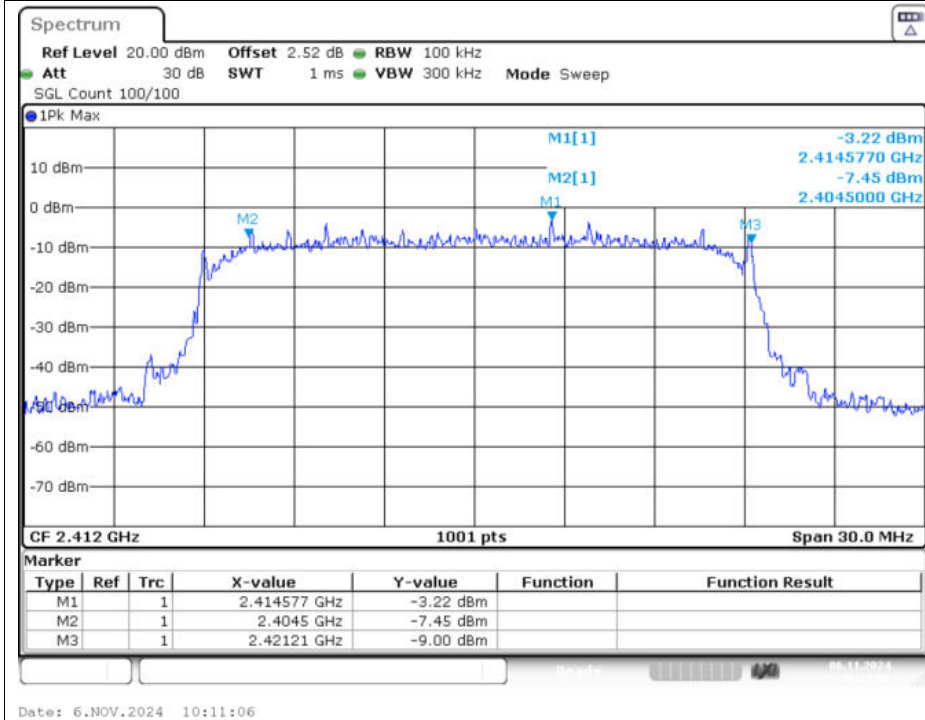
-6dB Bandwidth NVNT g 2437MHz Ant1



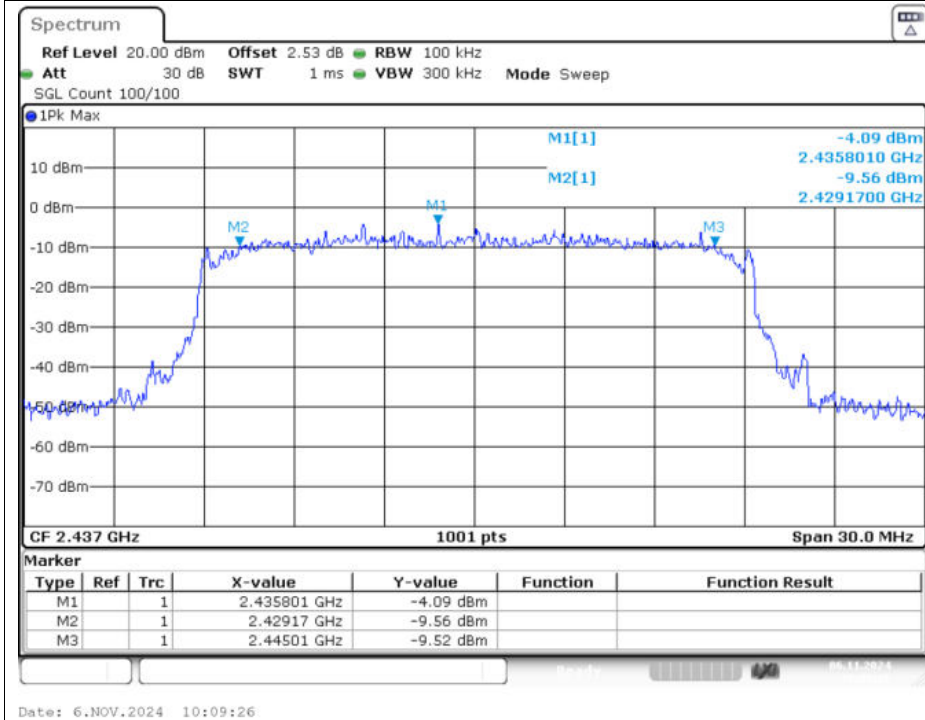
-6dB Bandwidth NVNT g 2462MHz Ant1



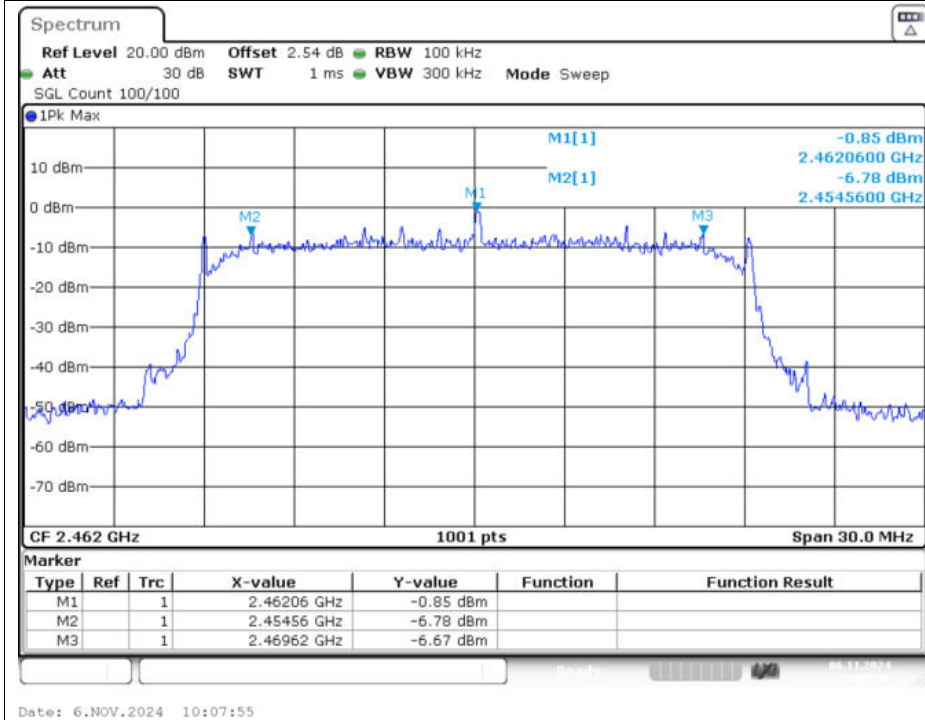
-6dB Bandwidth NVNT n20 2412MHz Ant1



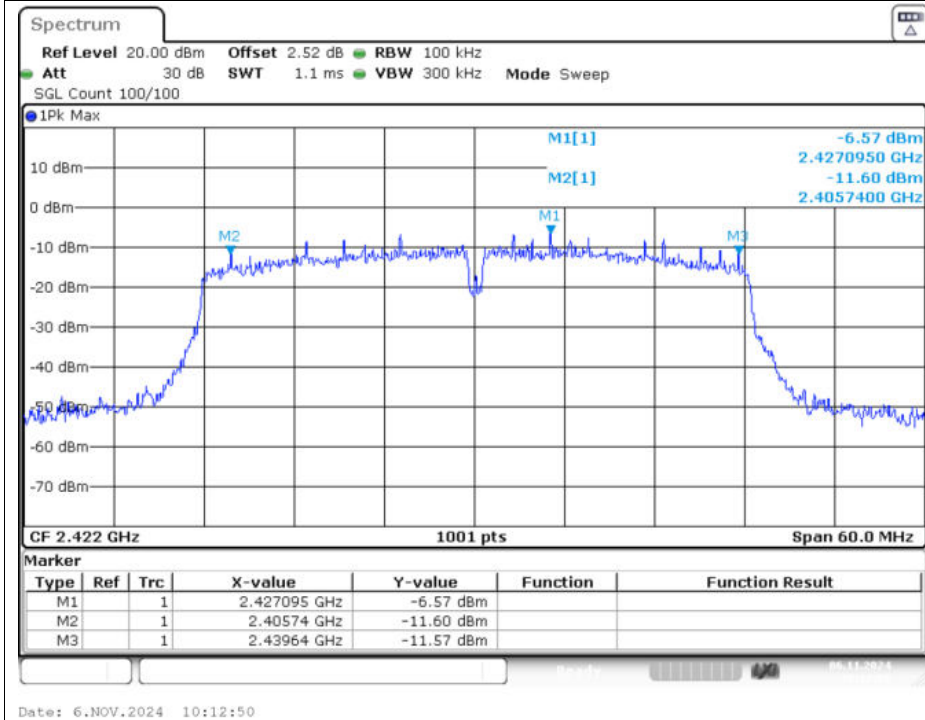
-6dB Bandwidth NVNT n20 2437MHz Ant1

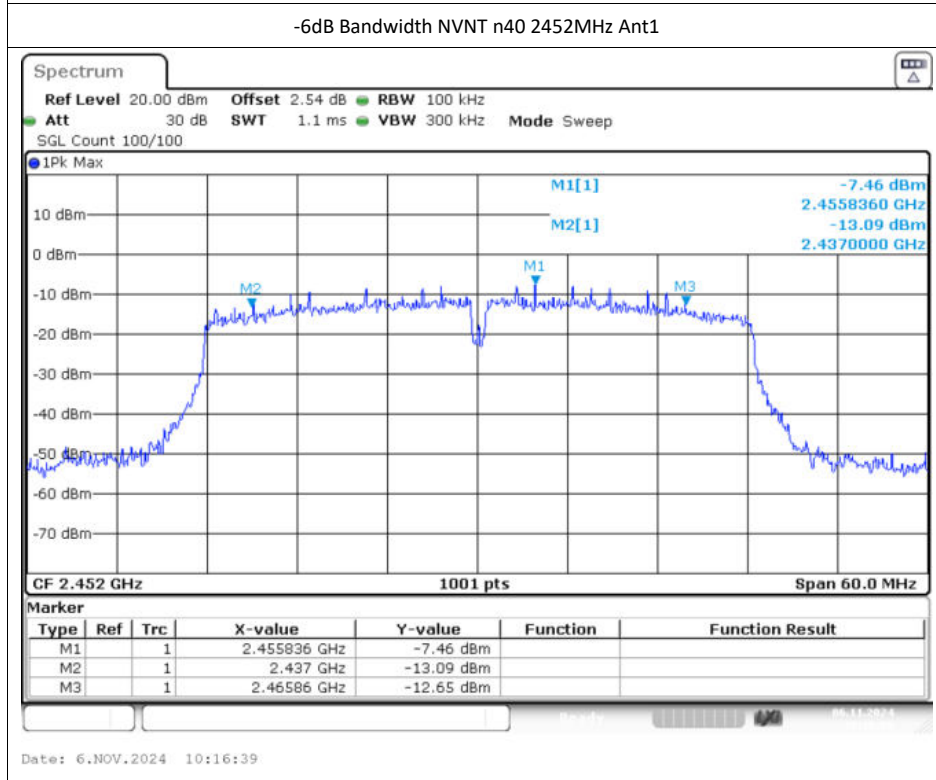
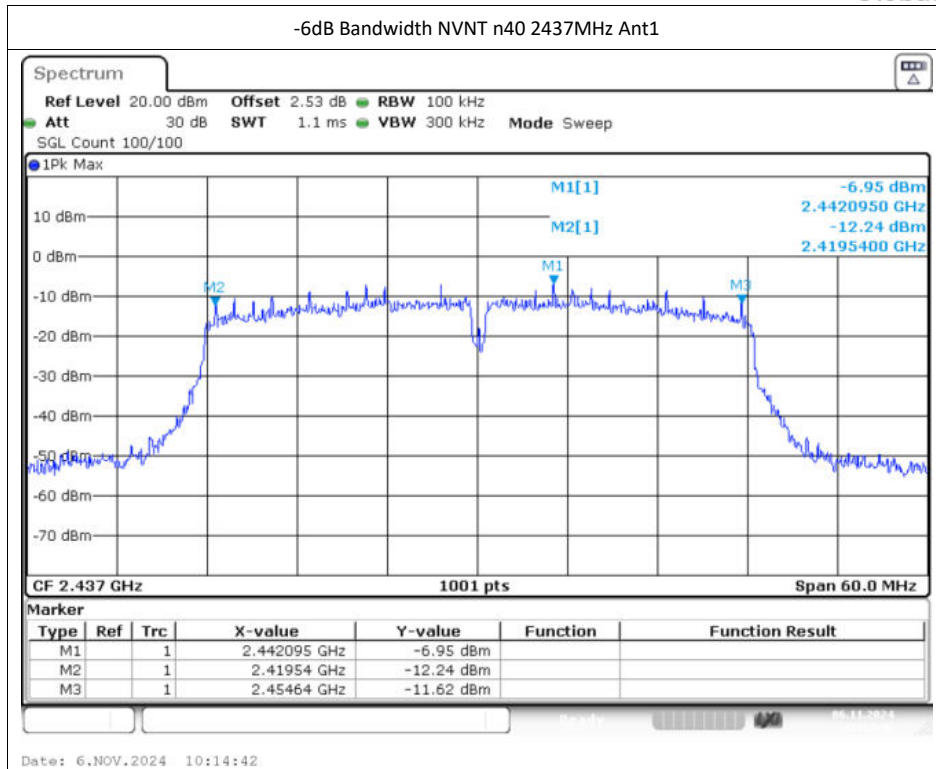


-6dB Bandwidth NVNT n20 2462MHz Ant1



-6dB Bandwidth NVNT n40 2422MHz Ant1



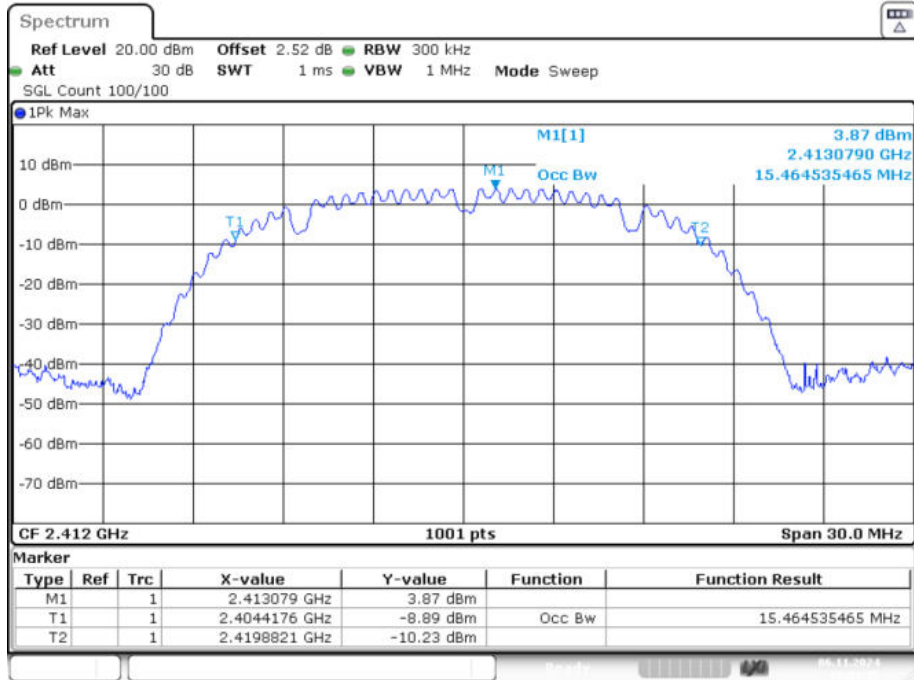


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	15.465
NVNT	b	2437	Ant1	15.465
NVNT	b	2462	Ant1	15.435
NVNT	g	2412	Ant1	17.233
NVNT	g	2437	Ant1	17.263
NVNT	g	2462	Ant1	17.323
NVNT	n20	2412	Ant1	18.132
NVNT	n20	2437	Ant1	18.102
NVNT	n20	2462	Ant1	18.312
NVNT	n40	2422	Ant1	35.784
NVNT	n40	2437	Ant1	35.844
NVNT	n40	2452	Ant1	35.844

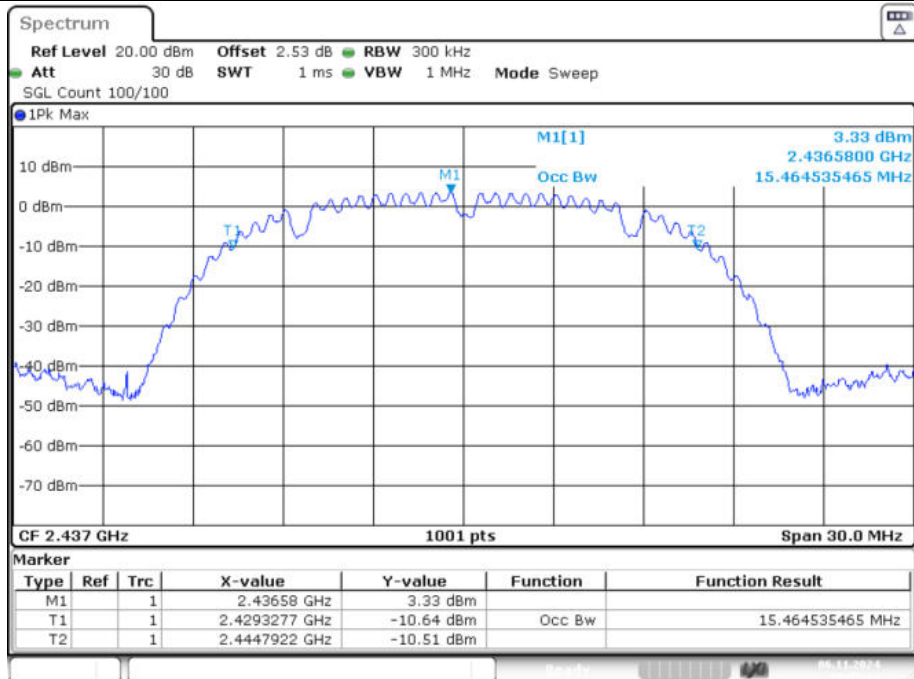
Test Graphs

OBW NVNT b 2412MHz Ant1



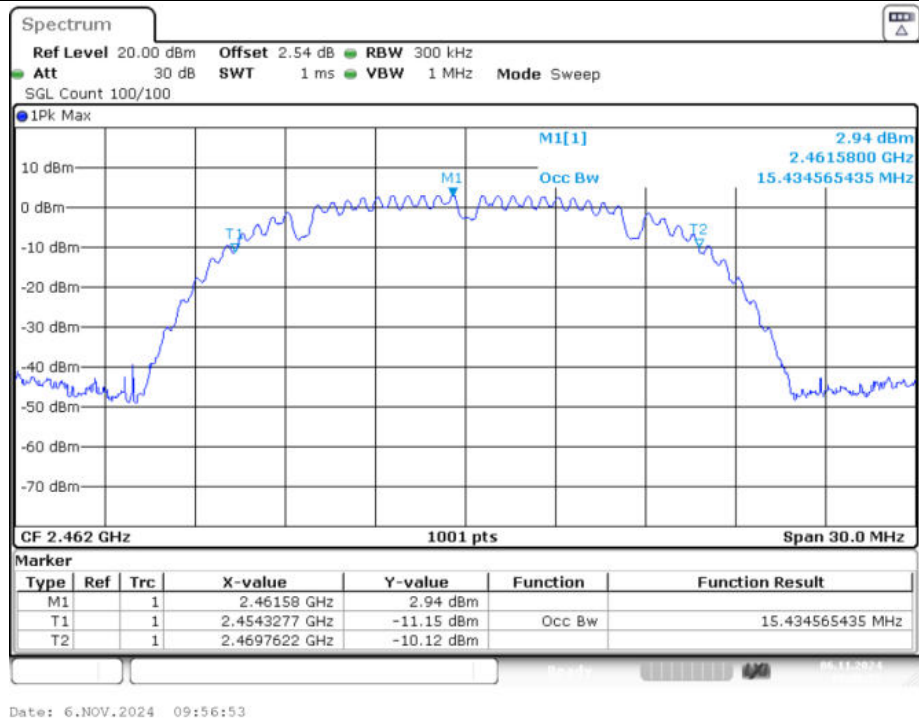
Date: 6.NOV.2024 09:51:15

OBW NVNT b 2437MHz Ant1

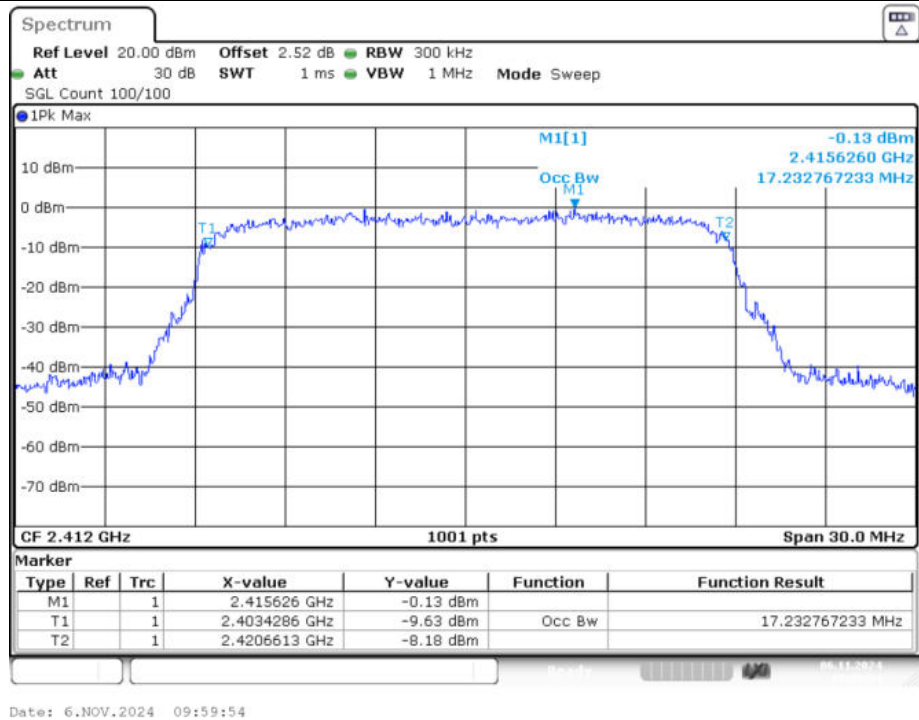


Date: 6.NOV.2024 09:55:34

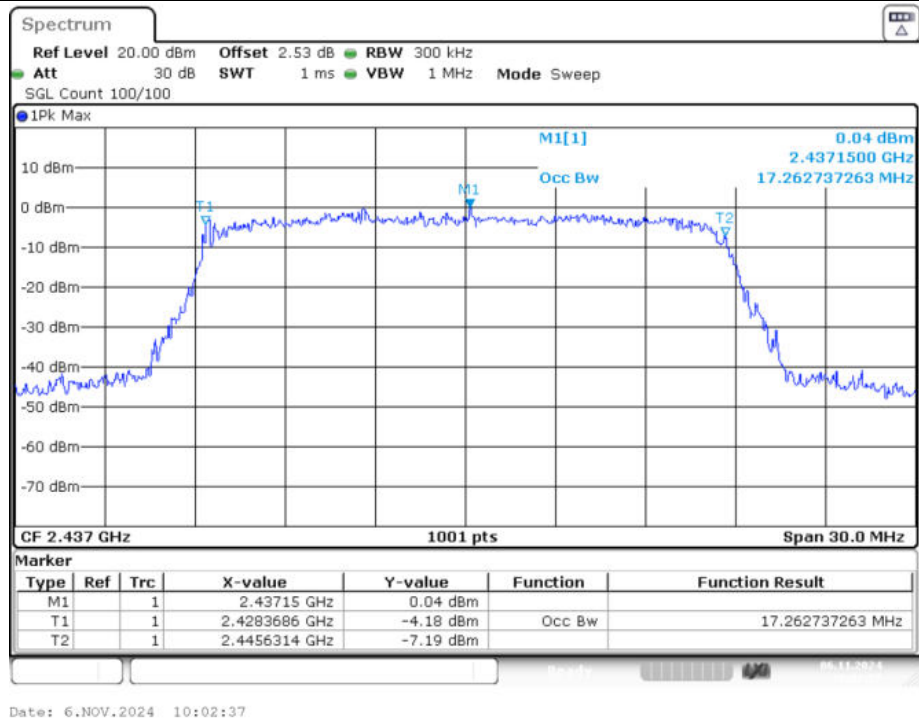
OBW NVNT b 2462MHz Ant1



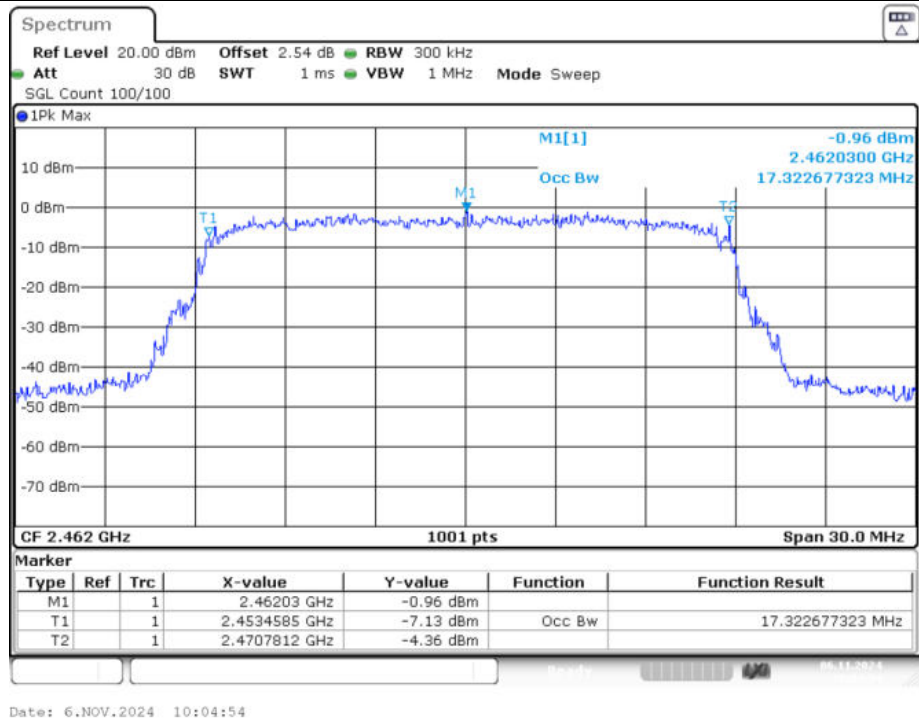
OBW NVNT g 2412MHz Ant1



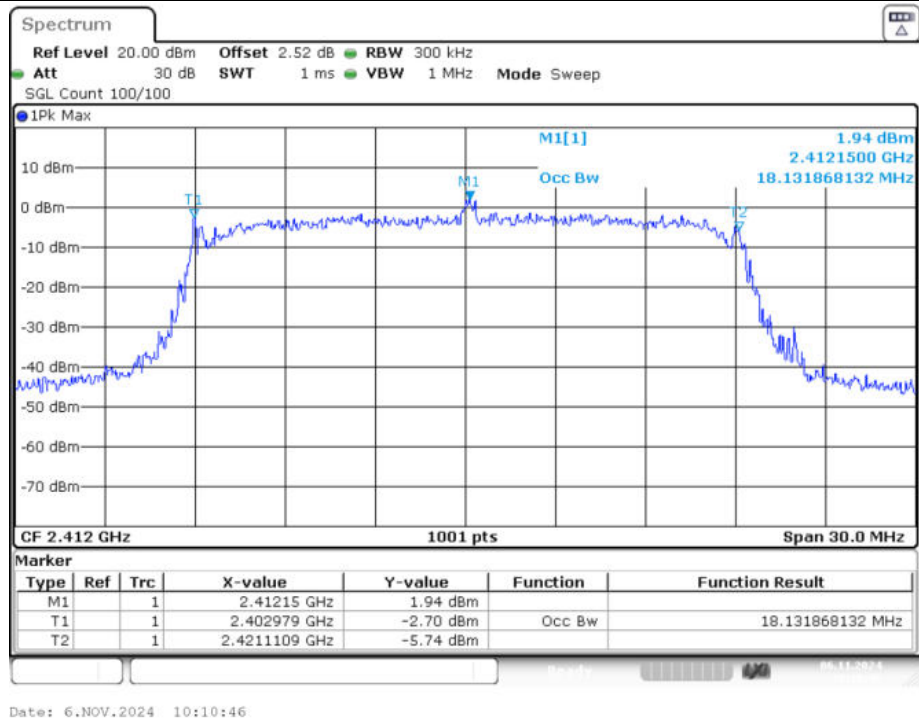
OBW NVNT g 2437MHz Ant1



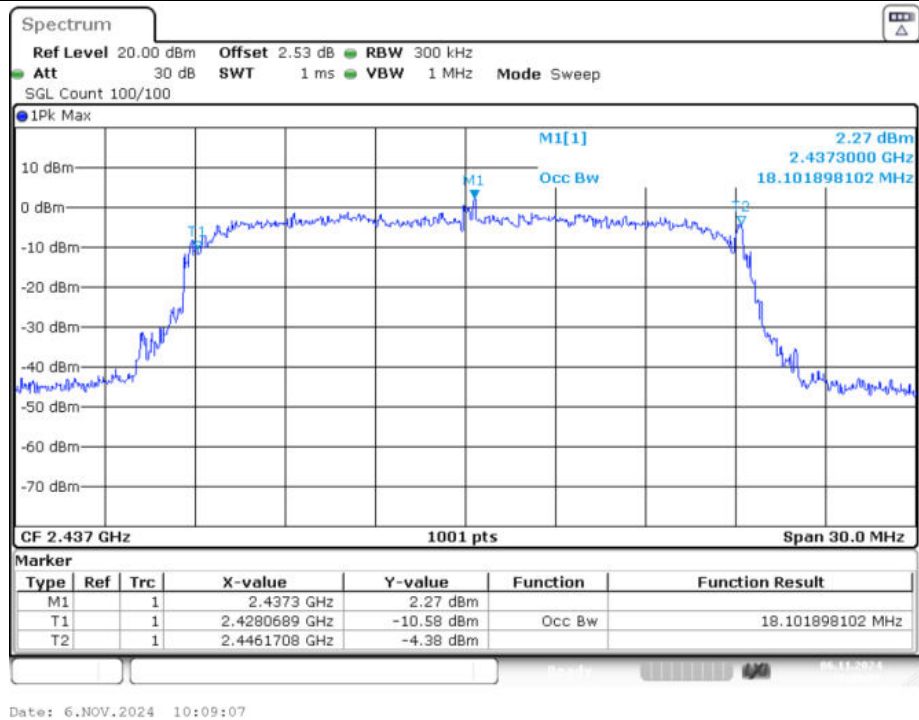
OBW NVNT g 2462MHz Ant1



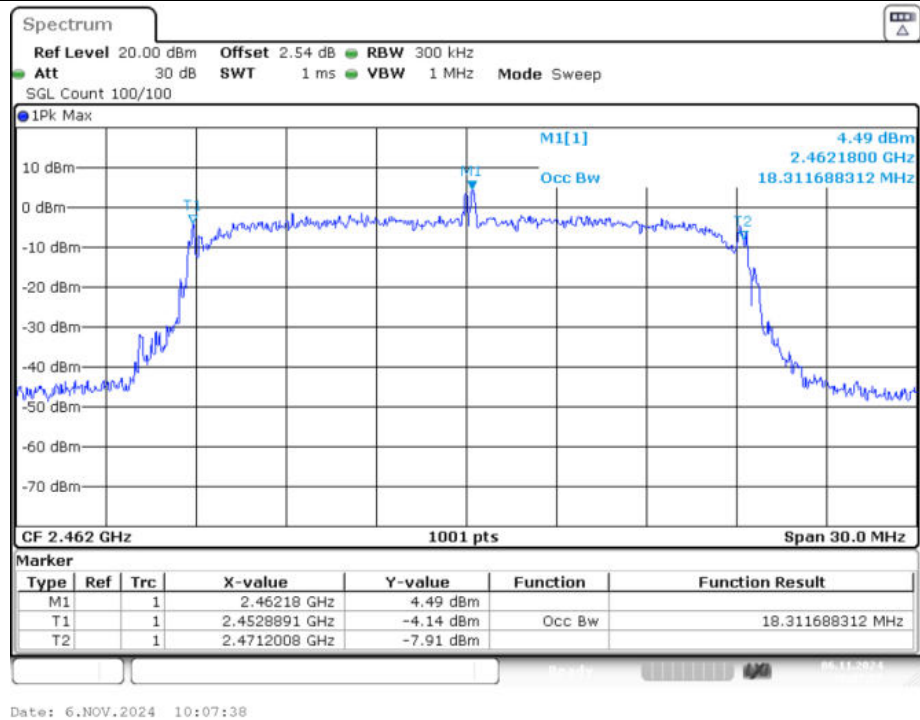
OBW NVNT n20 2412MHz Ant1



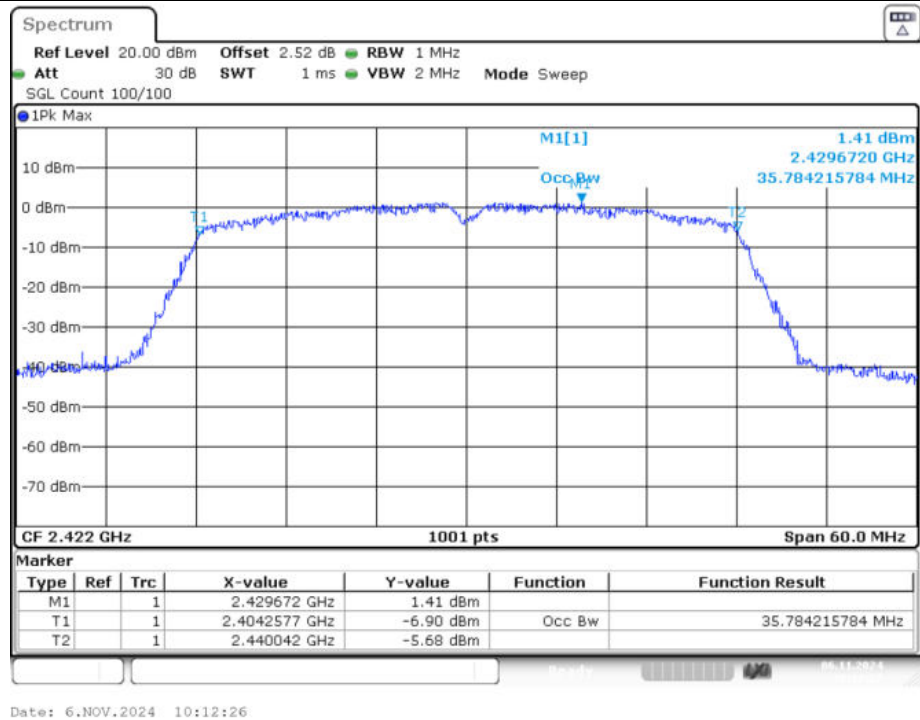
OBW NVNT n20 2437MHz Ant1



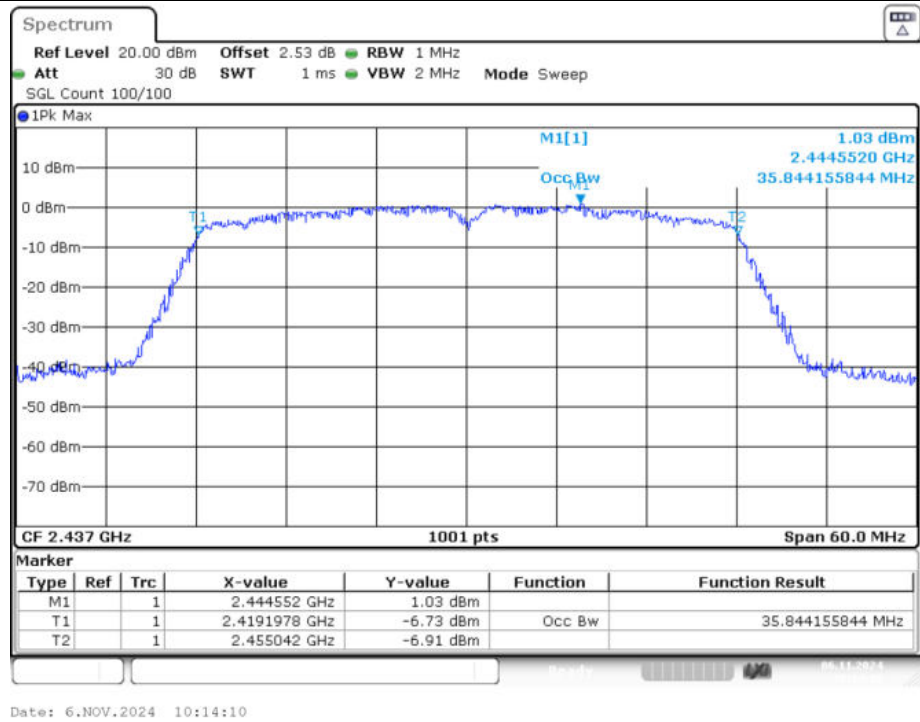
OBW NVNT n20 2462MHz Ant1



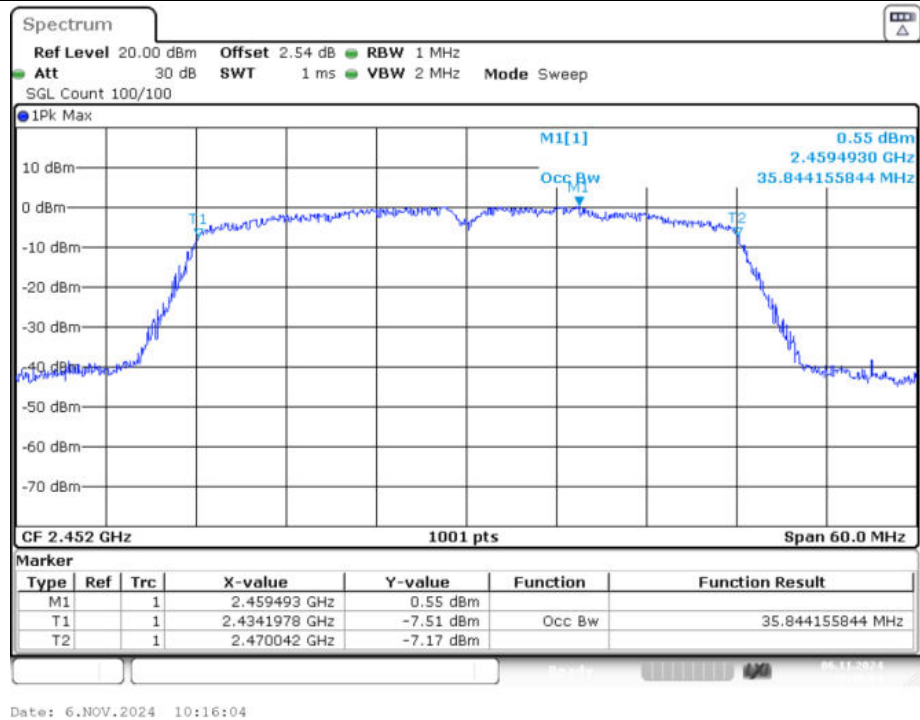
OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2437MHz Ant1

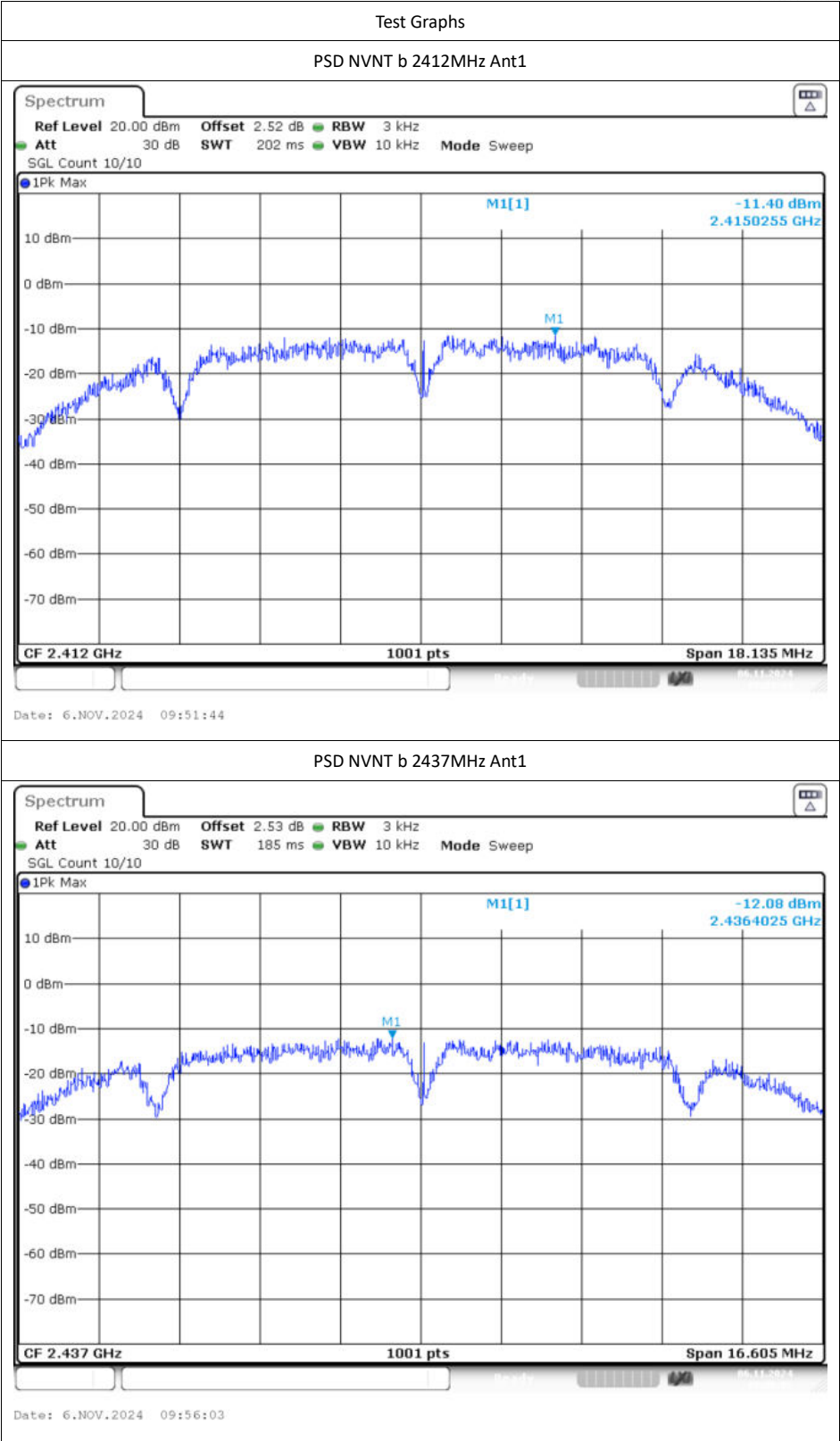


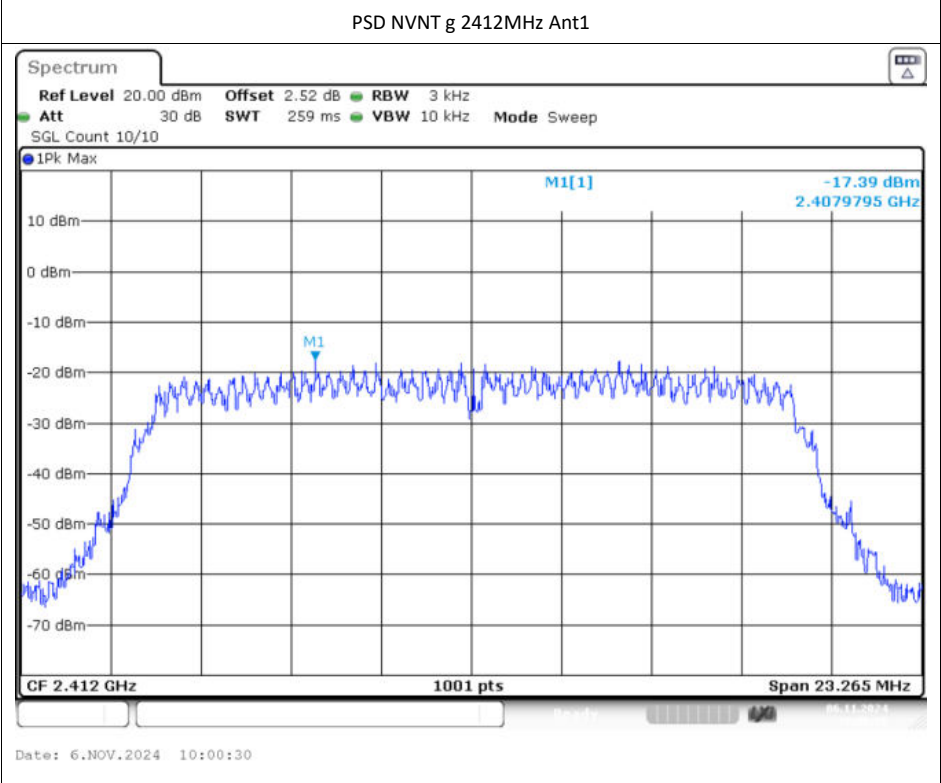
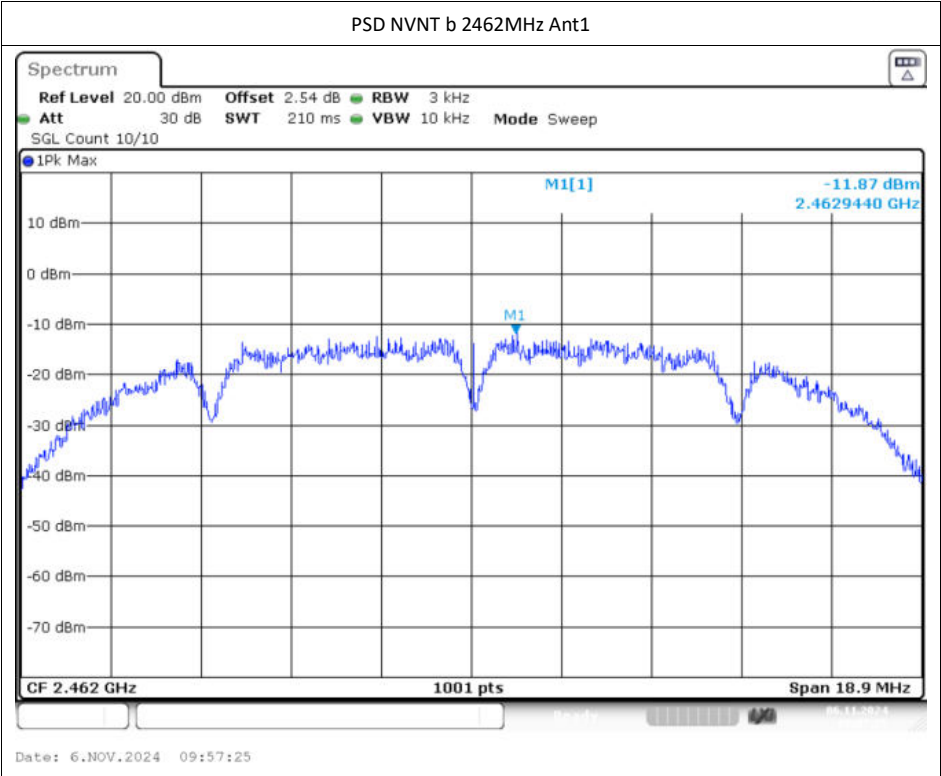
OBW NVNT n40 2452MHz Ant1

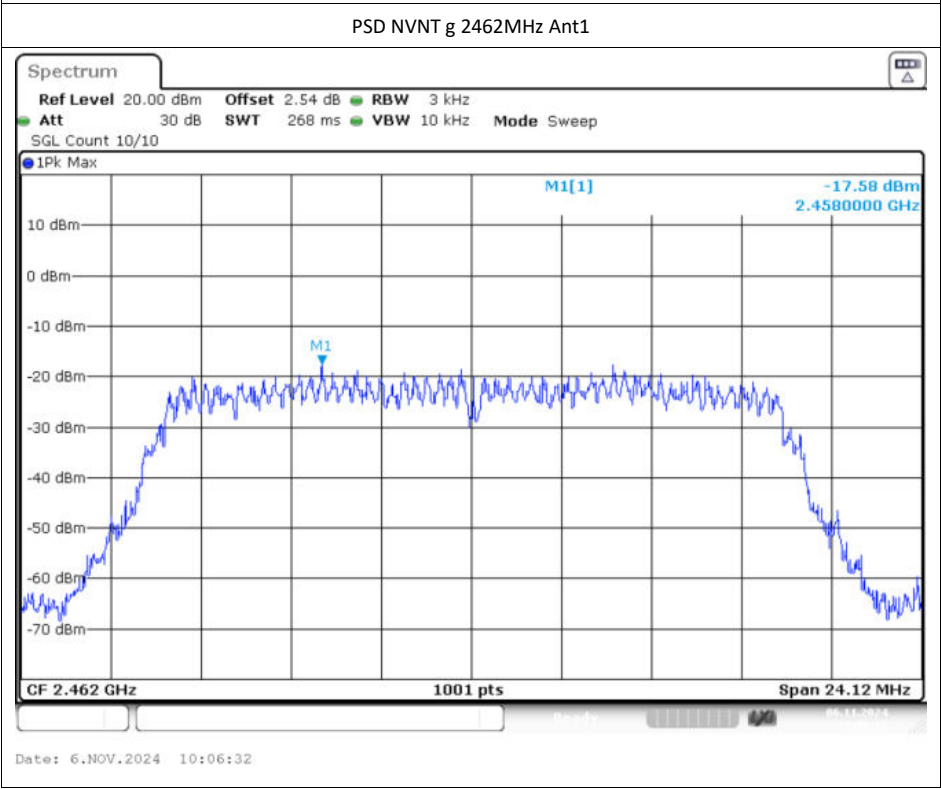
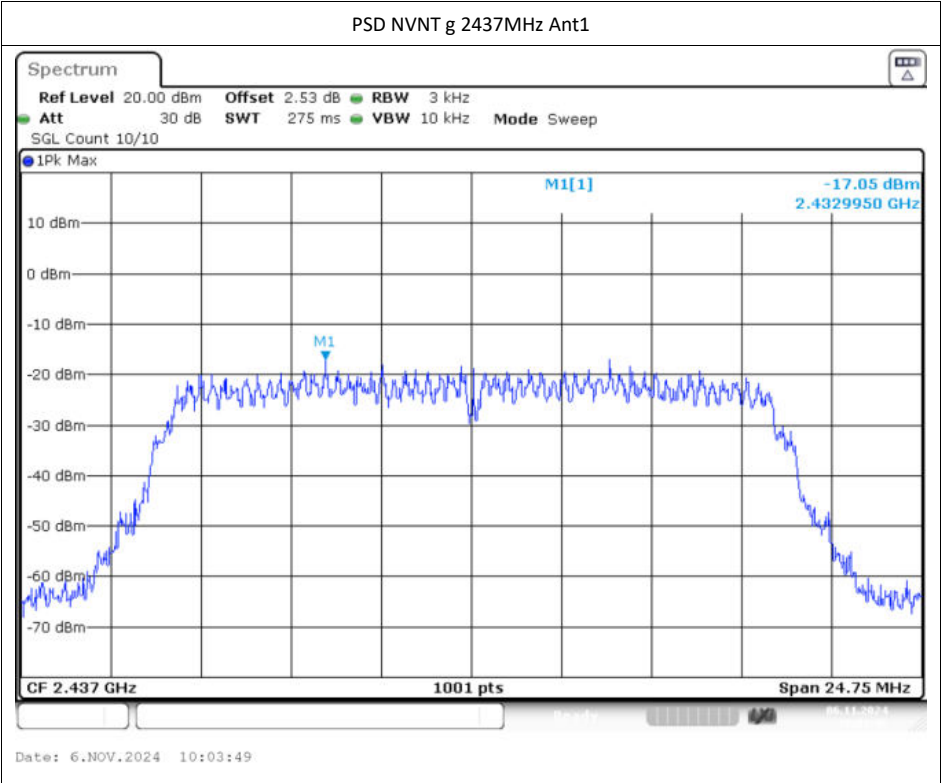


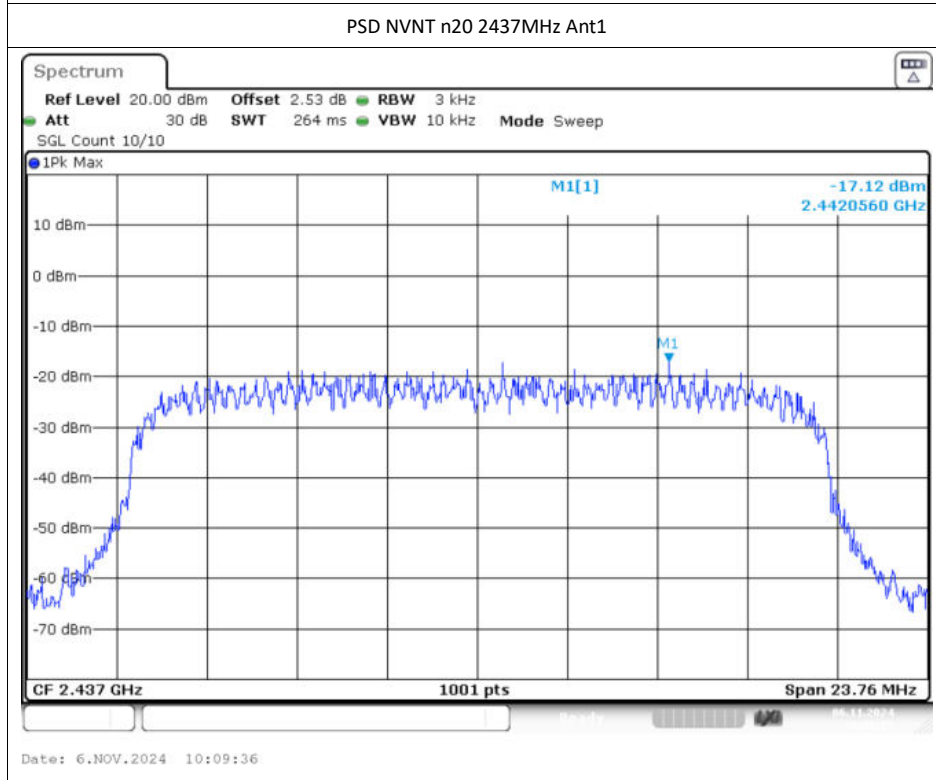
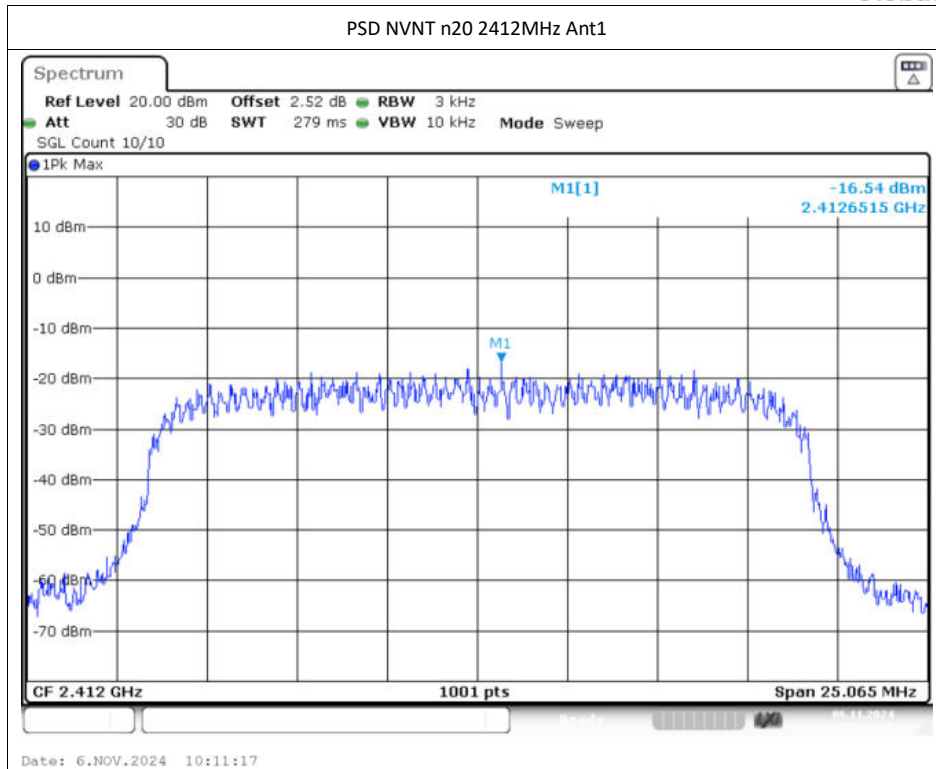
Maximum Power Spectral Density Level

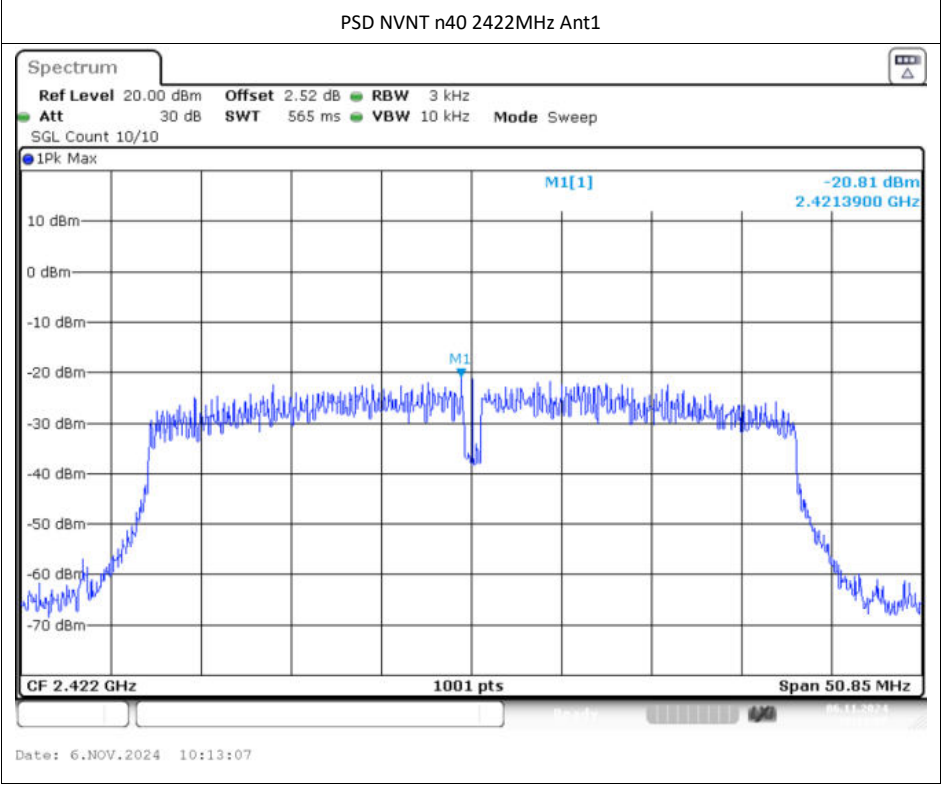
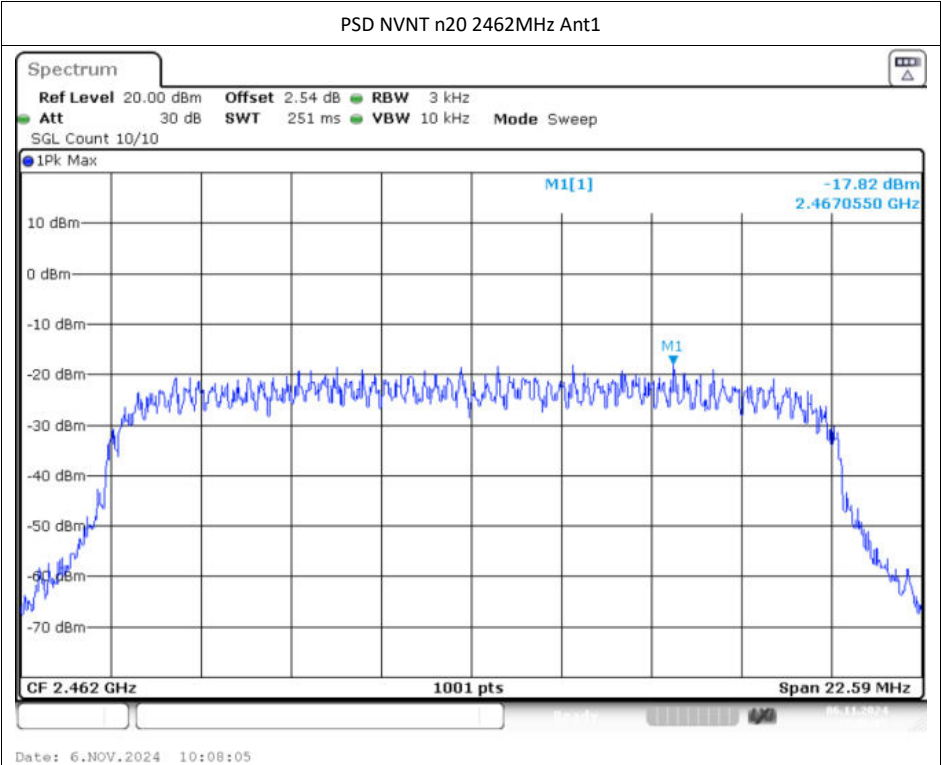
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-11.4	0	-11.4	8	Pass
NVNT	b	2437	Ant1	-12.08	0	-12.08	8	Pass
NVNT	b	2462	Ant1	-11.87	0	-11.87	8	Pass
NVNT	g	2412	Ant1	-17.39	0	-17.39	8	Pass
NVNT	g	2437	Ant1	-17.05	0	-17.05	8	Pass
NVNT	g	2462	Ant1	-17.58	0	-17.58	8	Pass
NVNT	n20	2412	Ant1	-16.54	0	-16.54	8	Pass
NVNT	n20	2437	Ant1	-17.12	0	-17.12	8	Pass
NVNT	n20	2462	Ant1	-17.82	0	-17.82	8	Pass
NVNT	n40	2422	Ant1	-20.81	0	-20.81	8	Pass
NVNT	n40	2437	Ant1	-21.06	0	-21.06	8	Pass
NVNT	n40	2452	Ant1	-20.91	0	-20.91	8	Pass

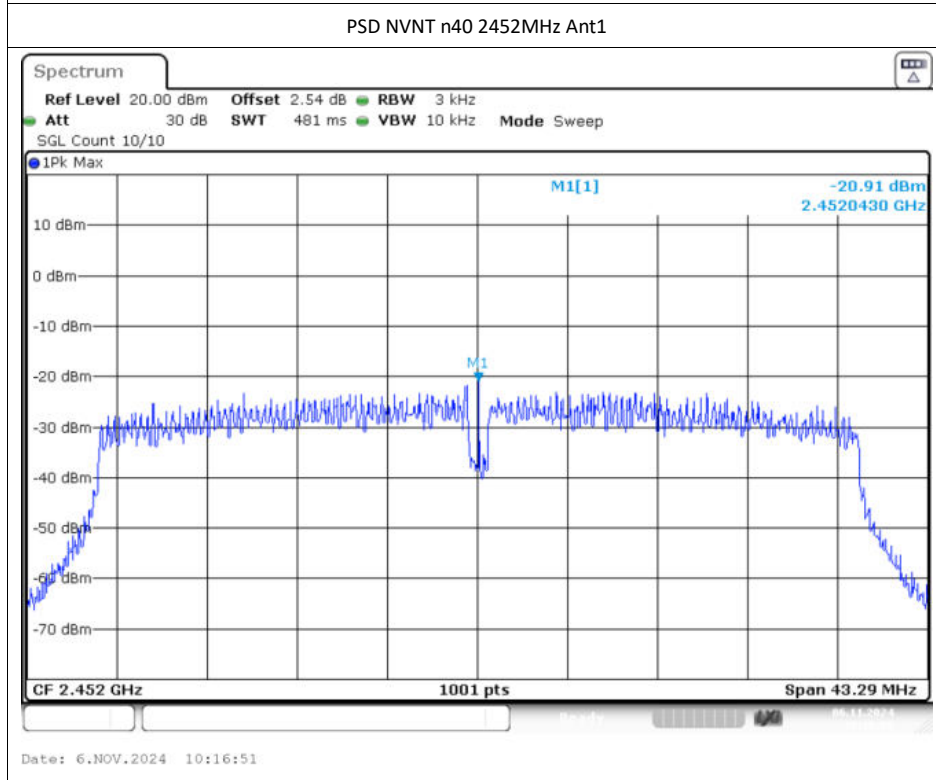
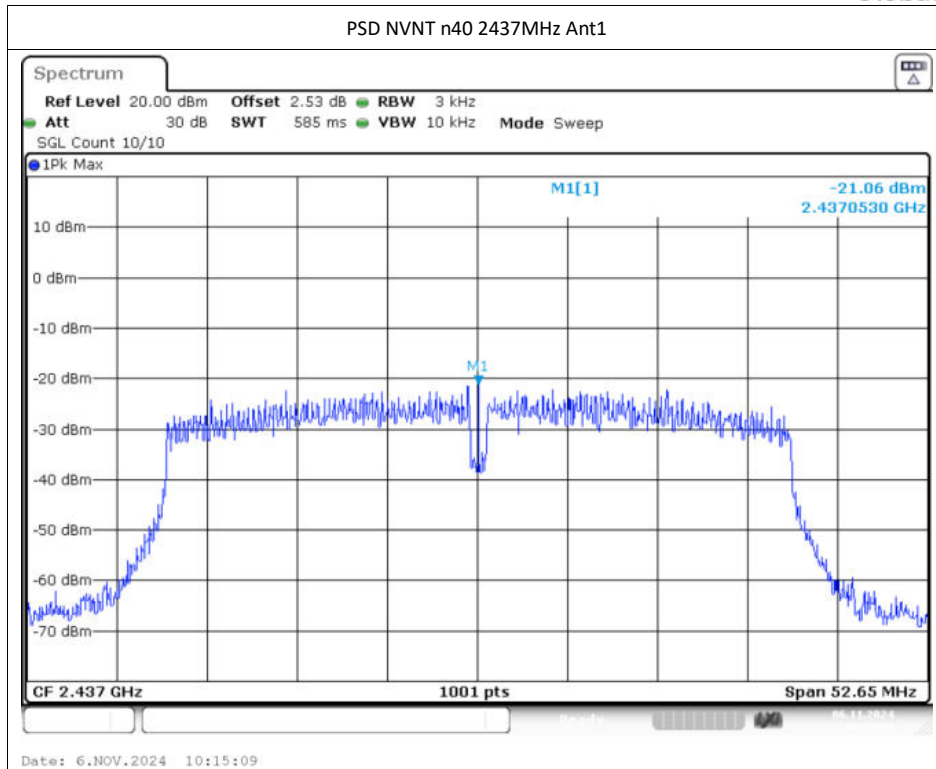






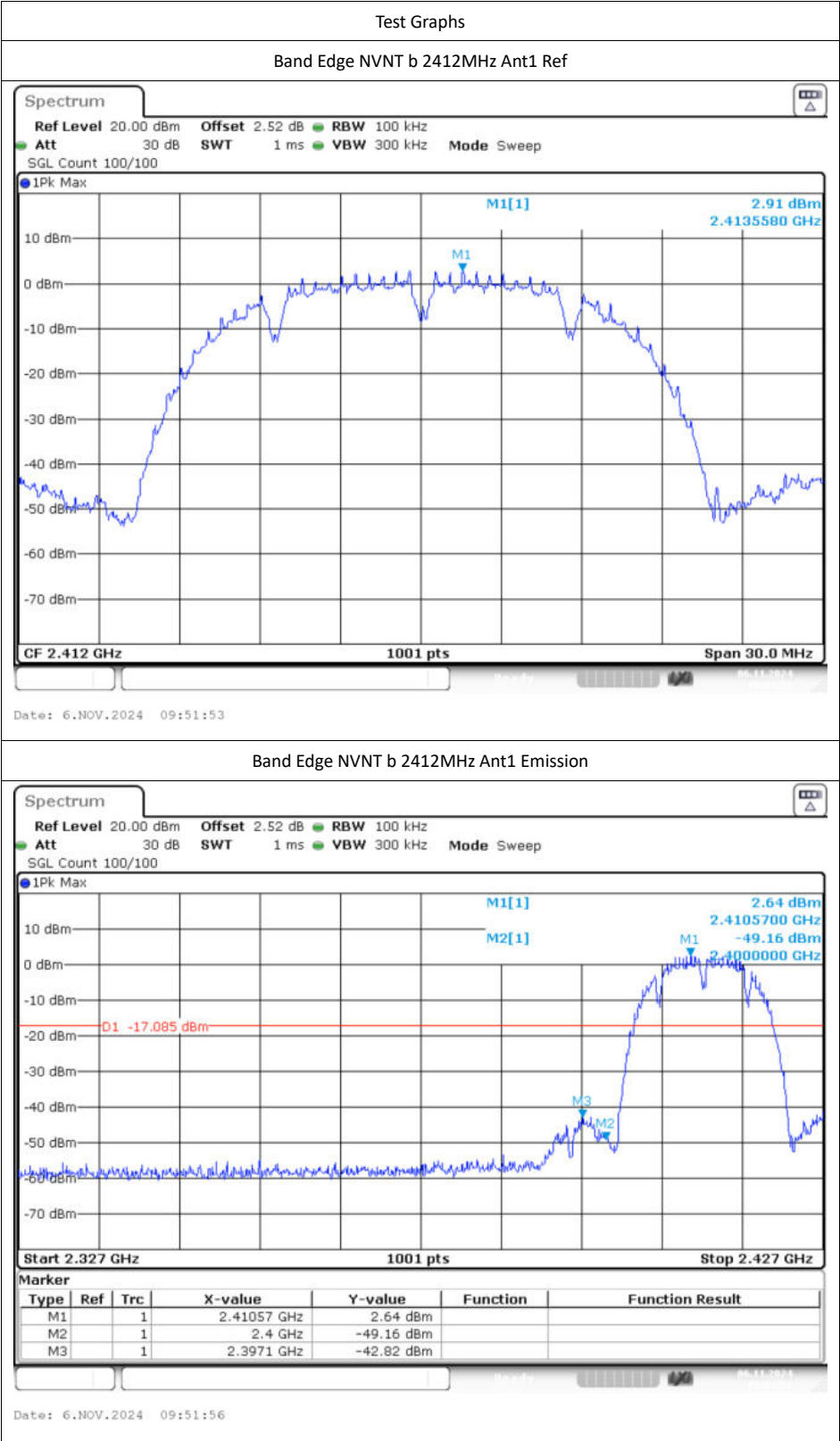




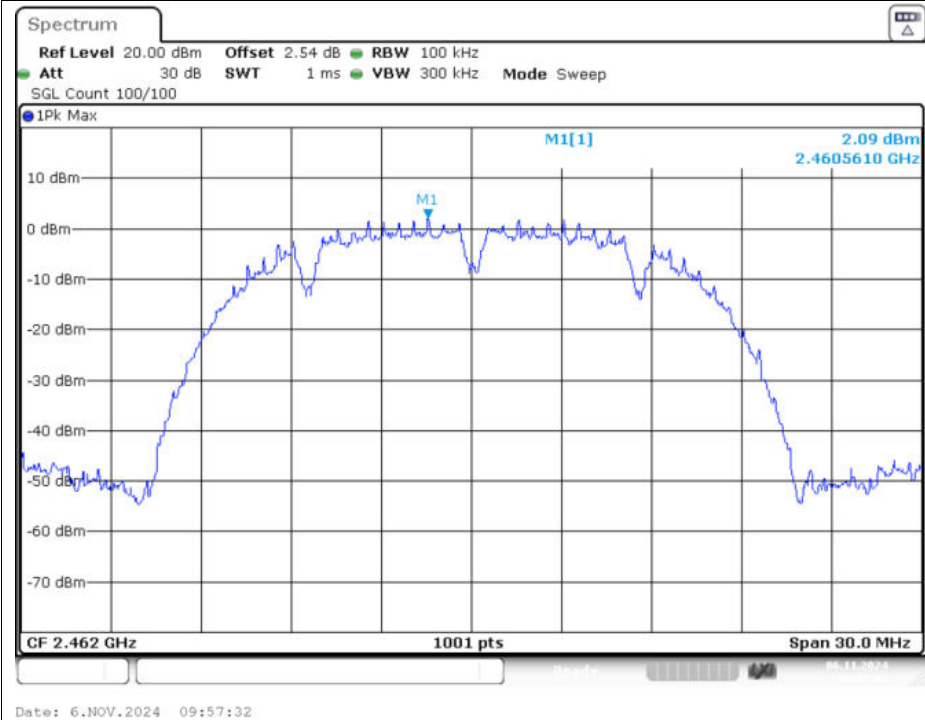


Band Edge

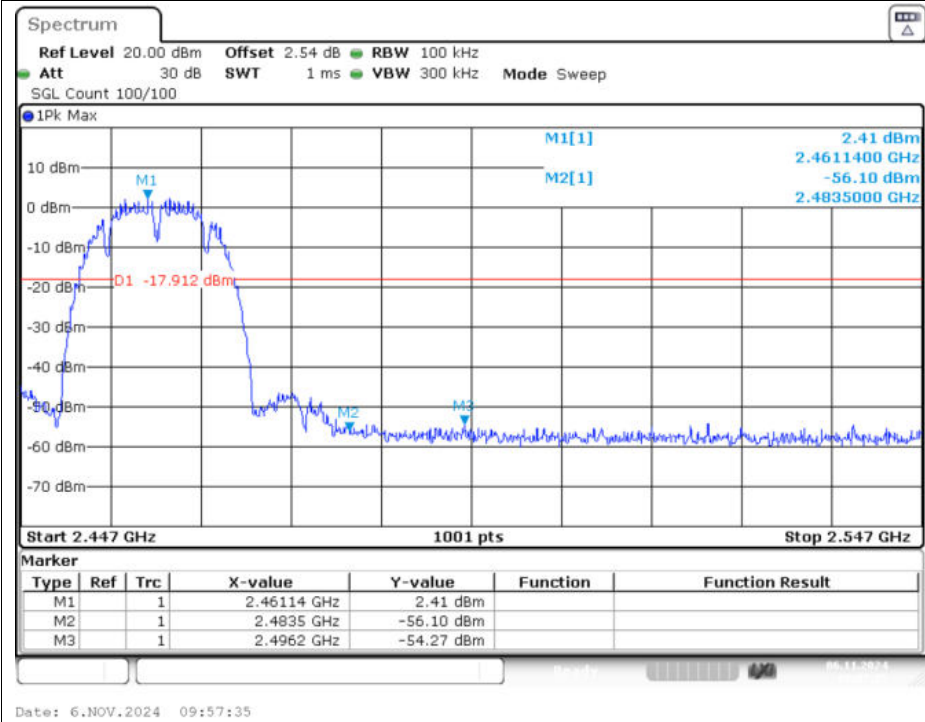
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-45.73	-20	Pass
NVNT	b	2462	Ant1	-56.36	-20	Pass
NVNT	g	2412	Ant1	-42.94	-20	Pass
NVNT	g	2462	Ant1	-49	-20	Pass
NVNT	n20	2412	Ant1	-42.7	-20	Pass
NVNT	n20	2462	Ant1	-49.64	-20	Pass
NVNT	n40	2422	Ant1	-39.35	-20	Pass
NVNT	n40	2452	Ant1	-44.41	-20	Pass



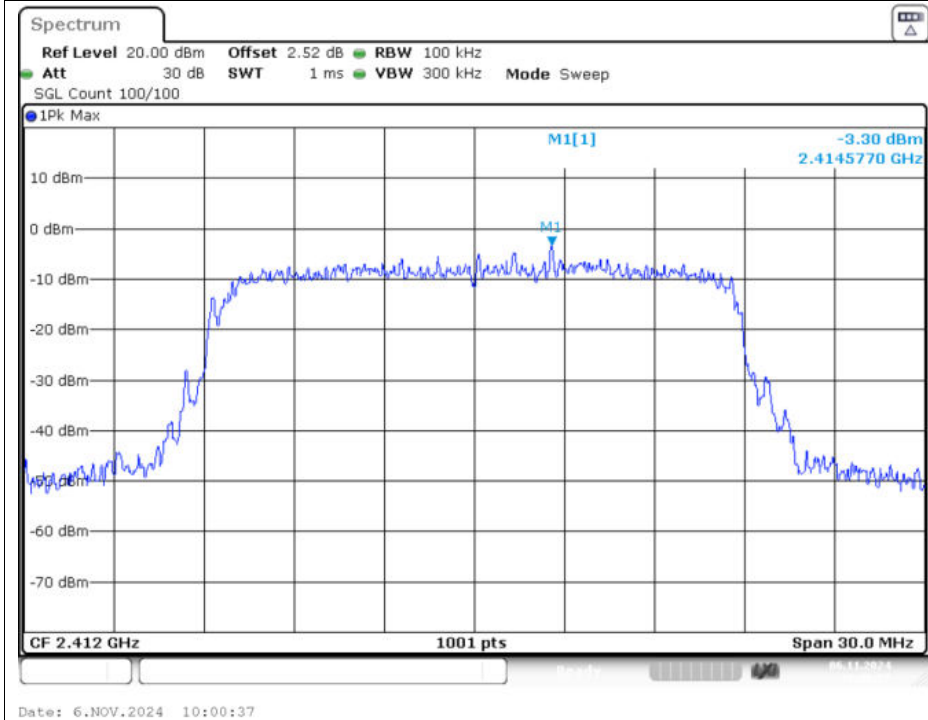
Band Edge NVNT b 2462MHz Ant1 Ref



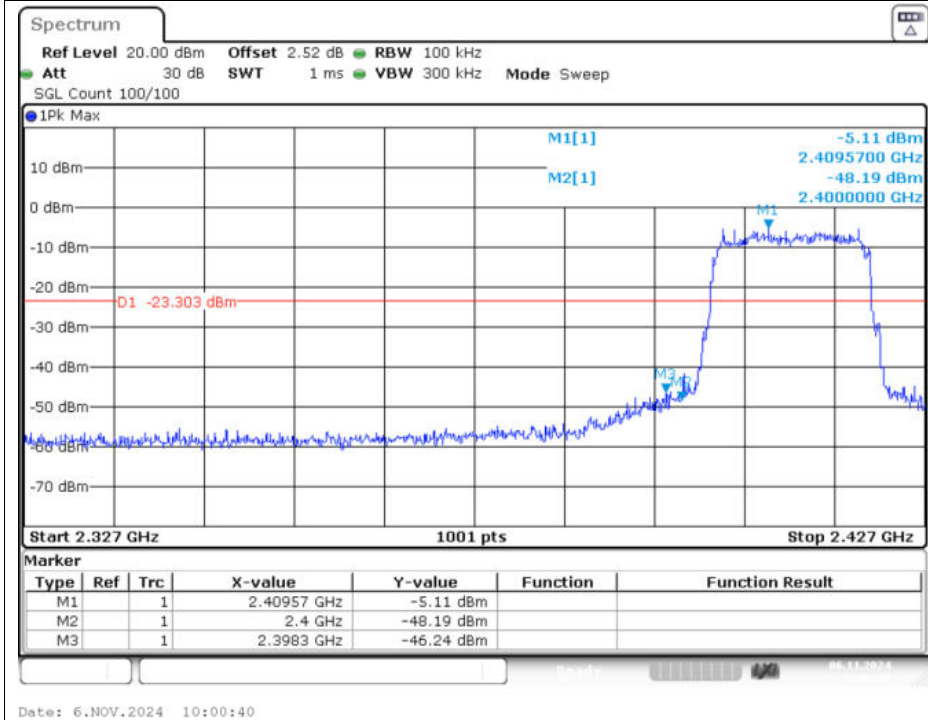
Band Edge NVNT b 2462MHz Ant1 Emission



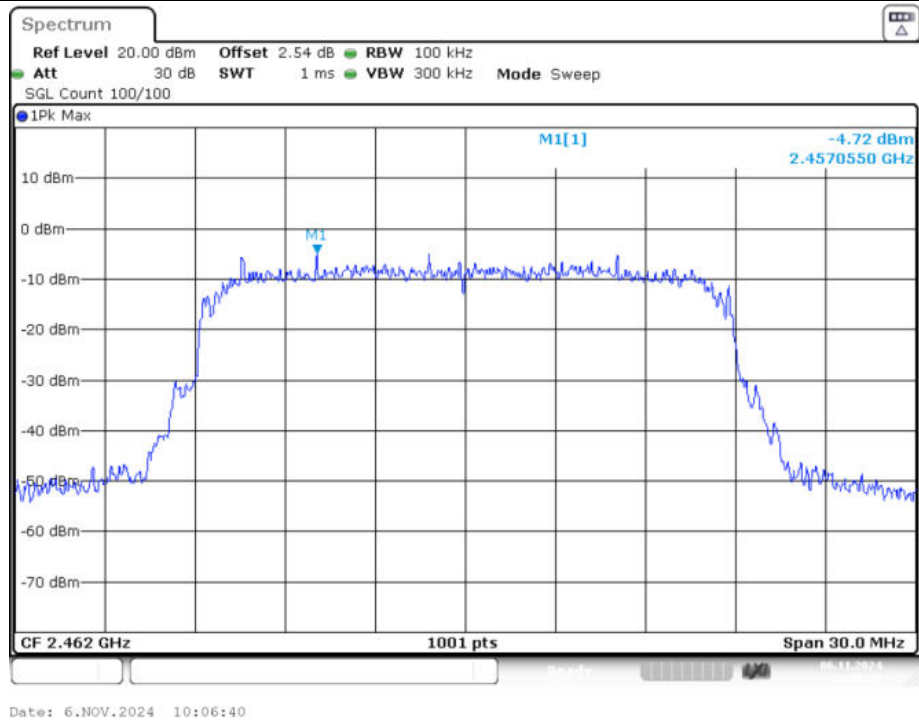
Band Edge NVNT g 2412MHz Ant1 Ref



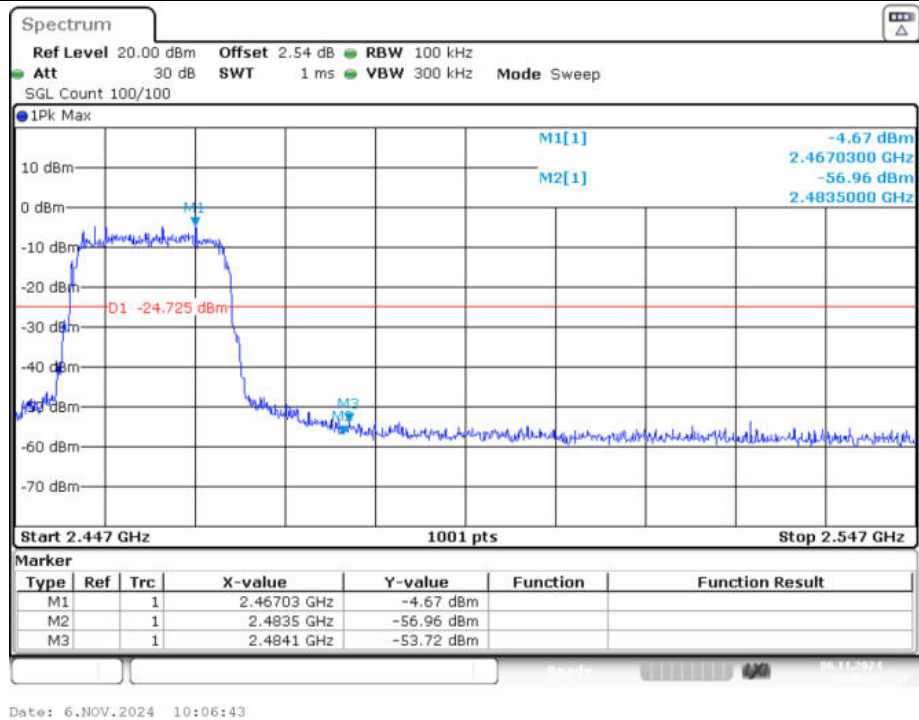
Band Edge NVNT g 2412MHz Ant1 Emission



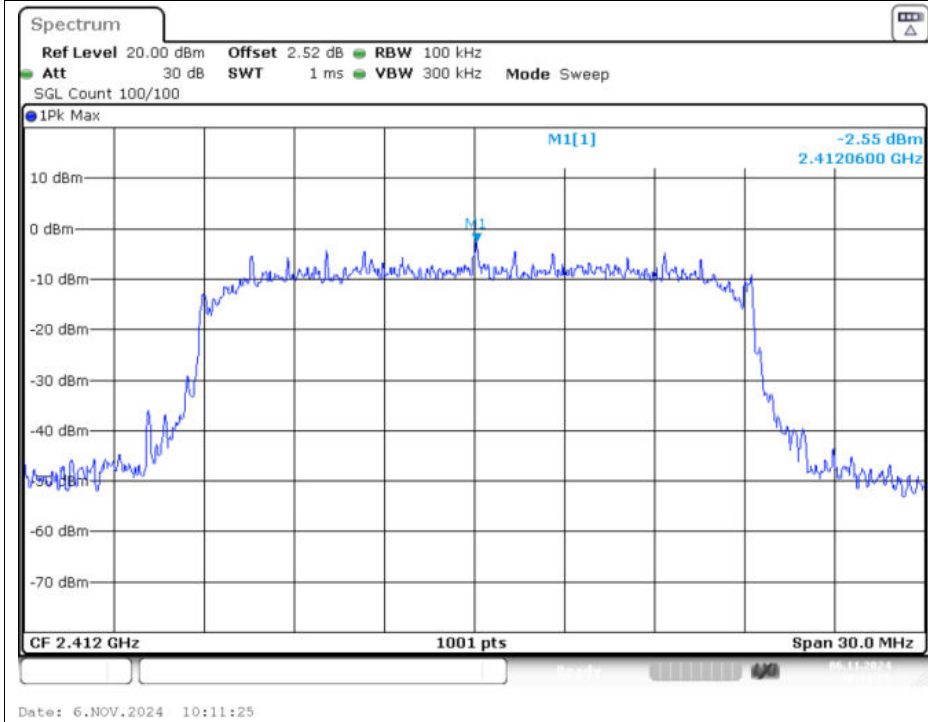
Band Edge NVNT g 2462MHz Ant1 Ref



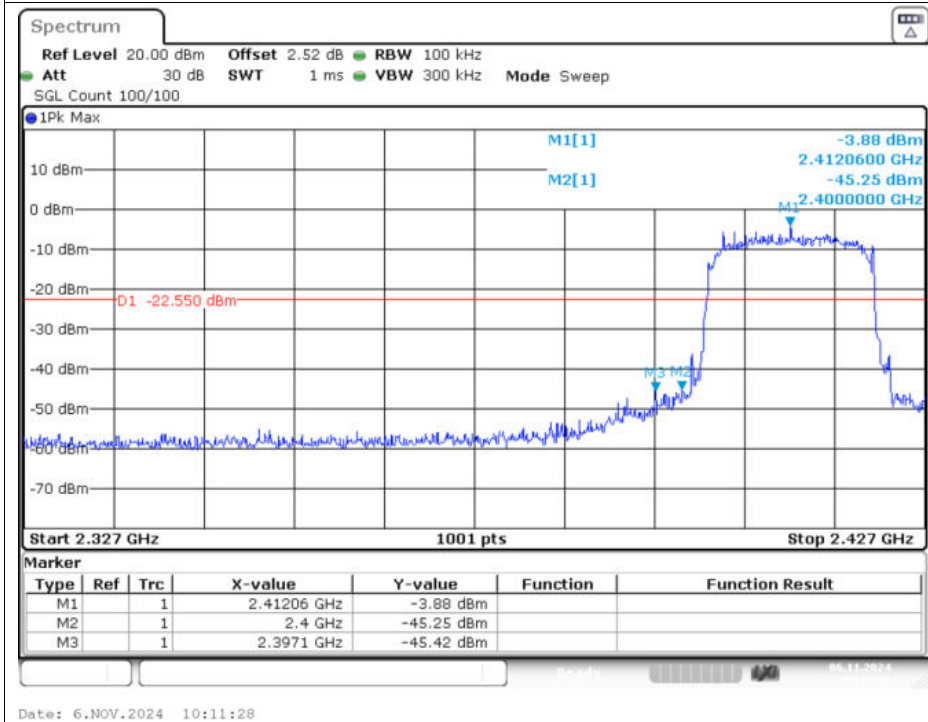
Band Edge NVNT g 2462MHz Ant1 Emission



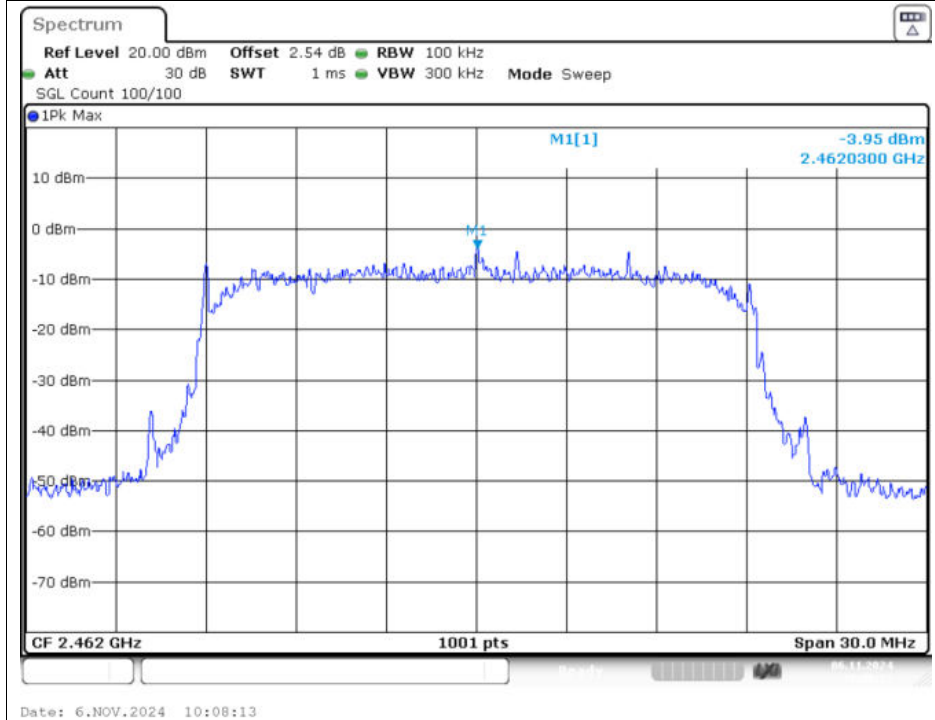
Band Edge NVNT n20 2412MHz Ant1 Ref



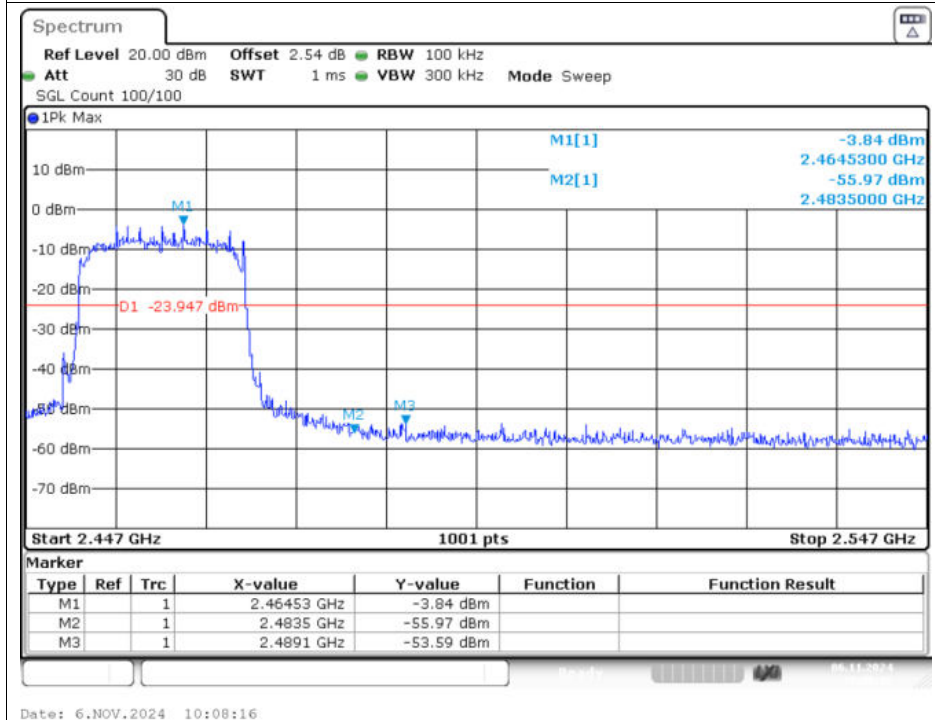
Band Edge NVNT n20 2412MHz Ant1 Emission



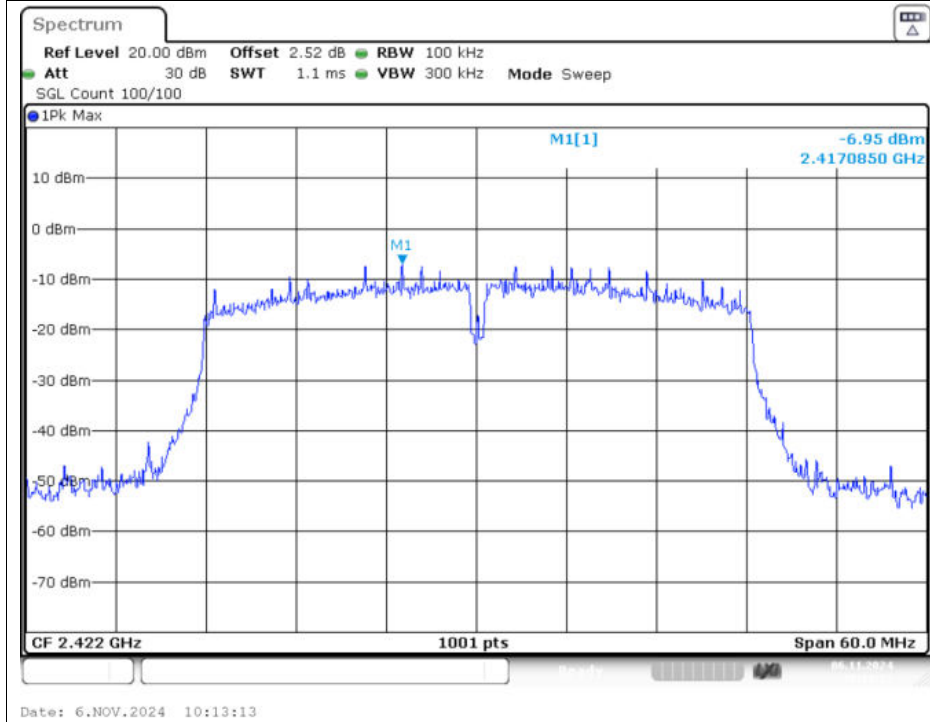
Band Edge NVNT n20 2462MHz Ant1 Ref



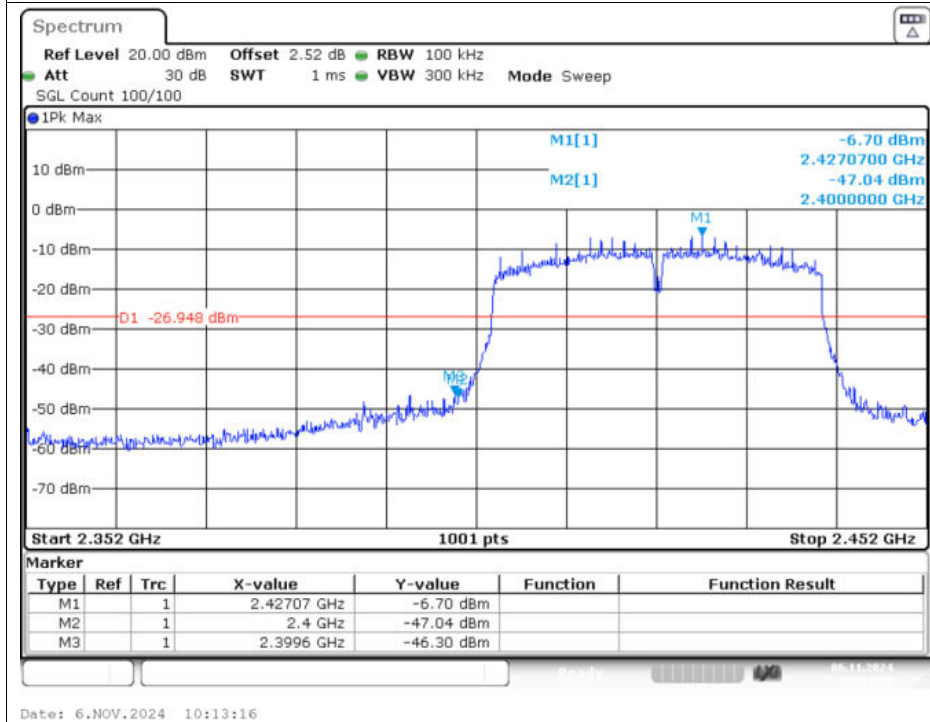
Band Edge NVNT n20 2462MHz Ant1 Emission



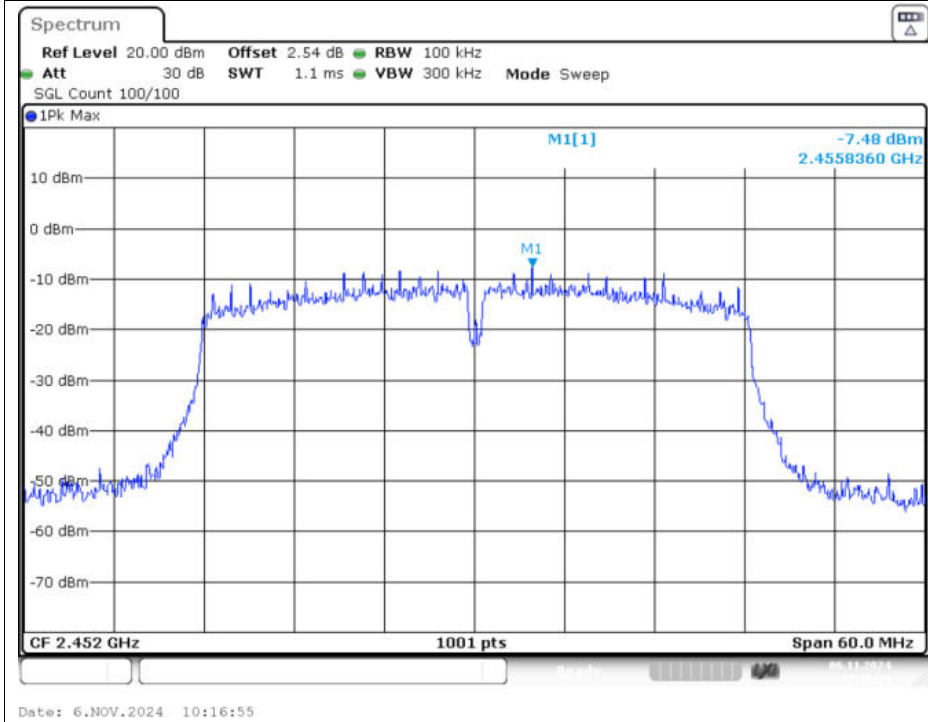
Band Edge NVNT n40 2422MHz Ant1 Ref



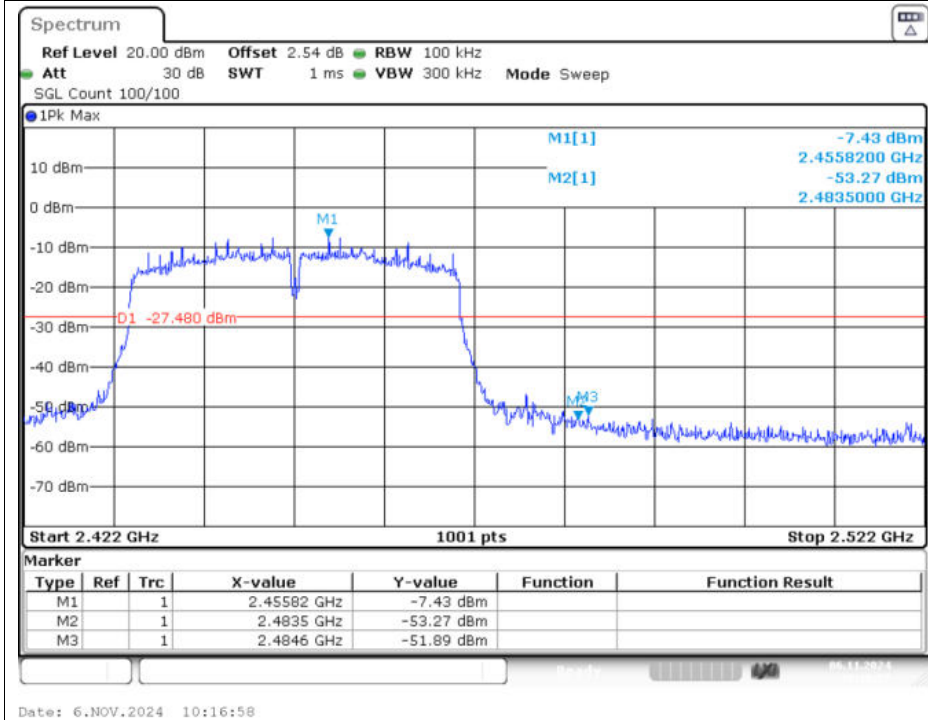
Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref

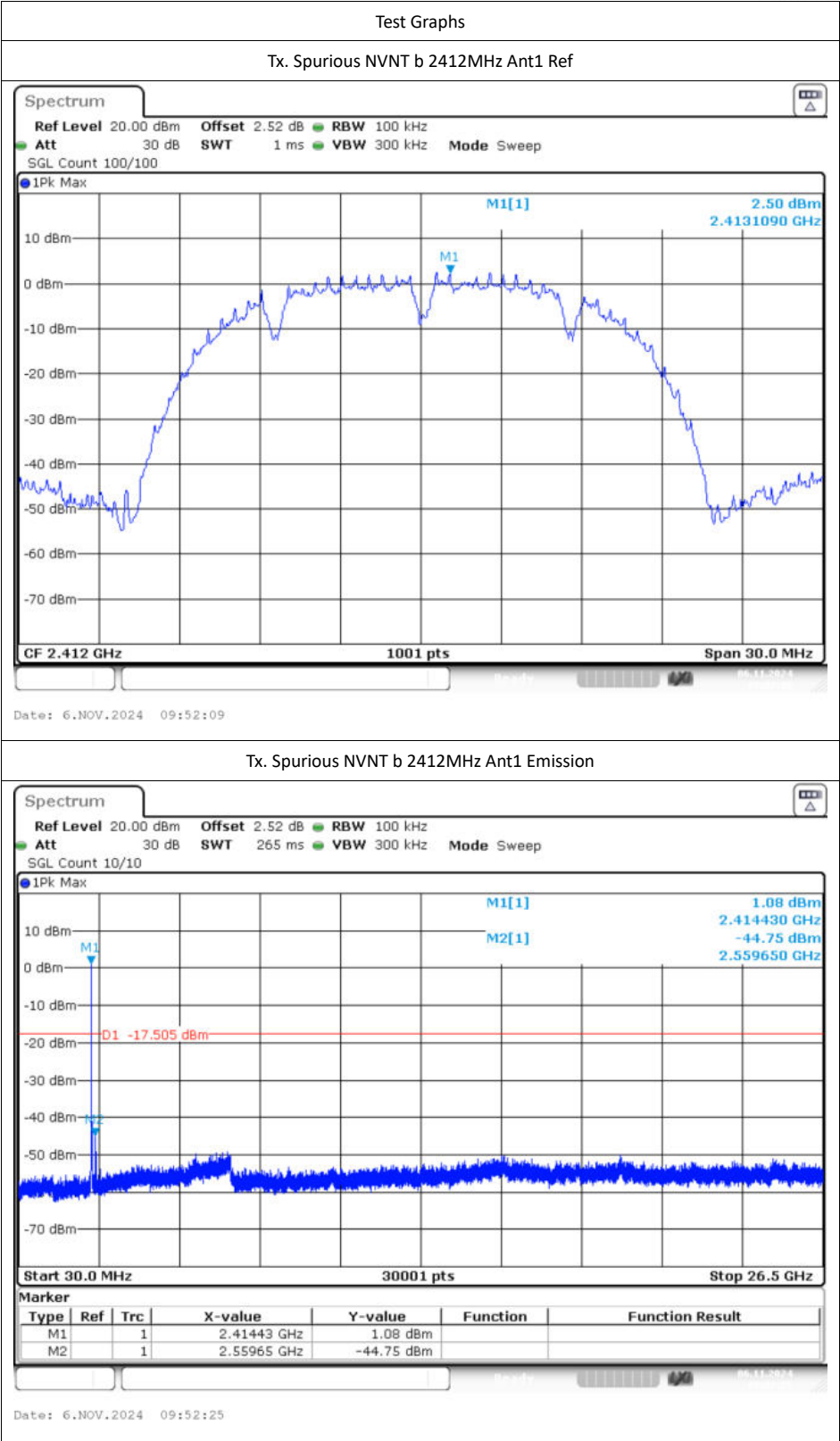


Band Edge NVNT n40 2452MHz Ant1 Emission

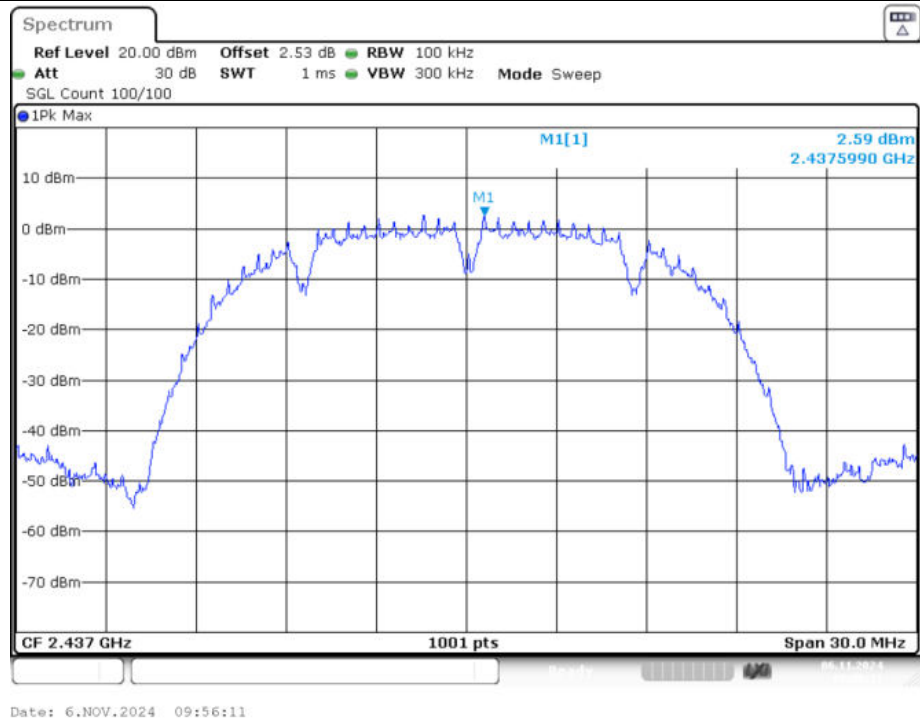


Conducted RF Spurious Emission

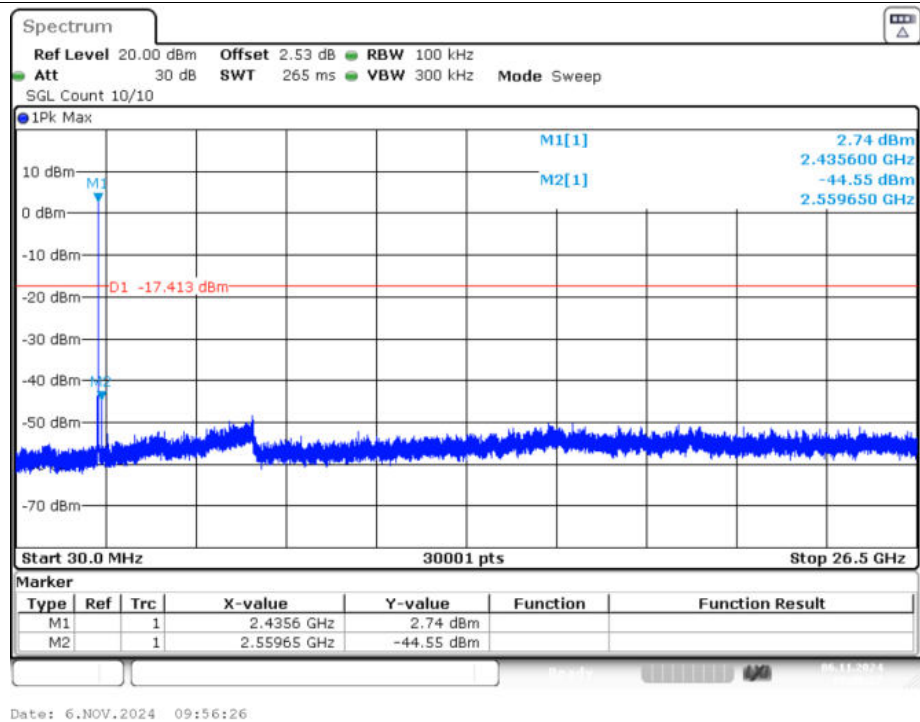
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-47.25	-20	Pass
NVNT	b	2437	Ant1	-47.14	-20	Pass
NVNT	b	2462	Ant1	-47.69	-20	Pass
NVNT	g	2412	Ant1	-42.97	-20	Pass
NVNT	g	2437	Ant1	-40.86	-20	Pass
NVNT	g	2462	Ant1	-42.21	-20	Pass
NVNT	n20	2412	Ant1	-44.33	-20	Pass
NVNT	n20	2437	Ant1	-43.15	-20	Pass
NVNT	n20	2462	Ant1	-43.34	-20	Pass
NVNT	n40	2422	Ant1	-38.9	-20	Pass
NVNT	n40	2437	Ant1	-38.54	-20	Pass
NVNT	n40	2452	Ant1	-38.11	-20	Pass



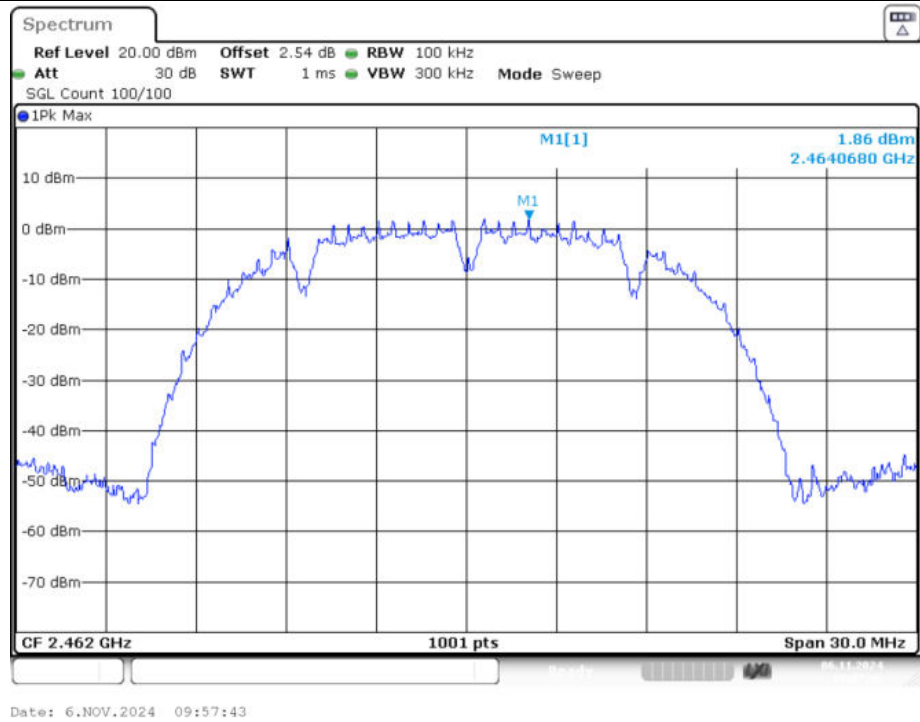
Tx. Spurious NVNT b 2437MHz Ant1 Ref



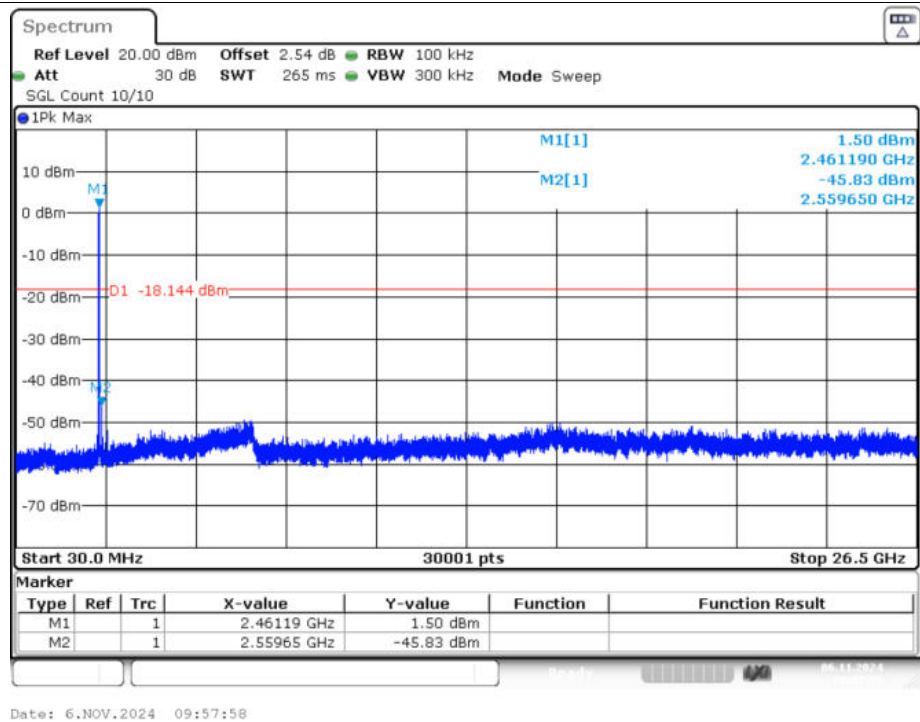
Tx. Spurious NVNT b 2437MHz Ant1 Emission



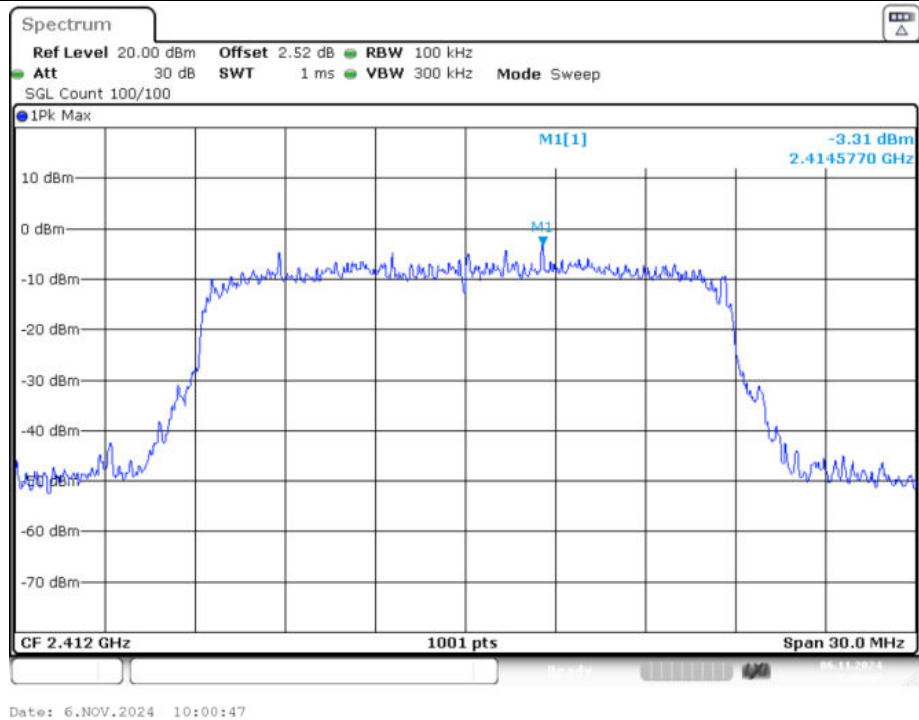
Tx. Spurious NVNT b 2462MHz Ant1 Ref



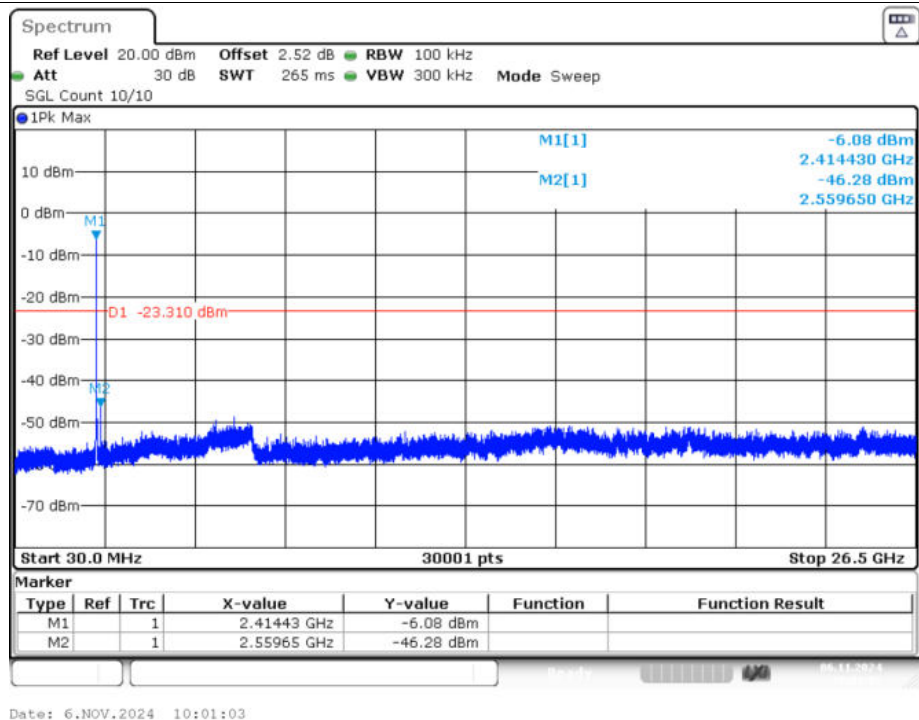
Tx. Spurious NVNT b 2462MHz Ant1 Emission



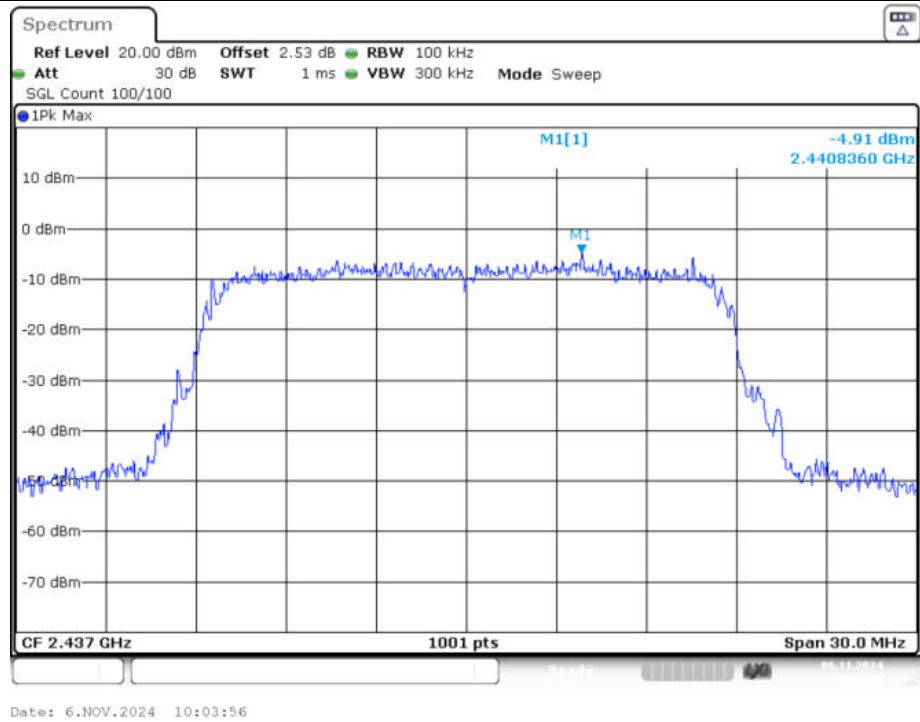
Tx. Spurious NVNT g 2412MHz Ant1 Ref



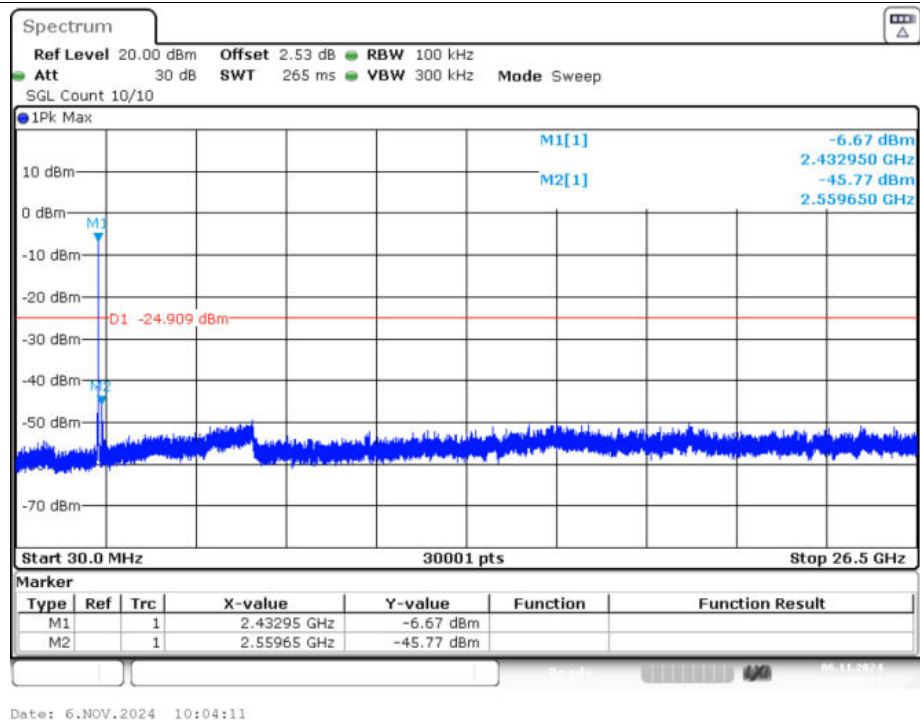
Tx. Spurious NVNT g 2412MHz Ant1 Emission



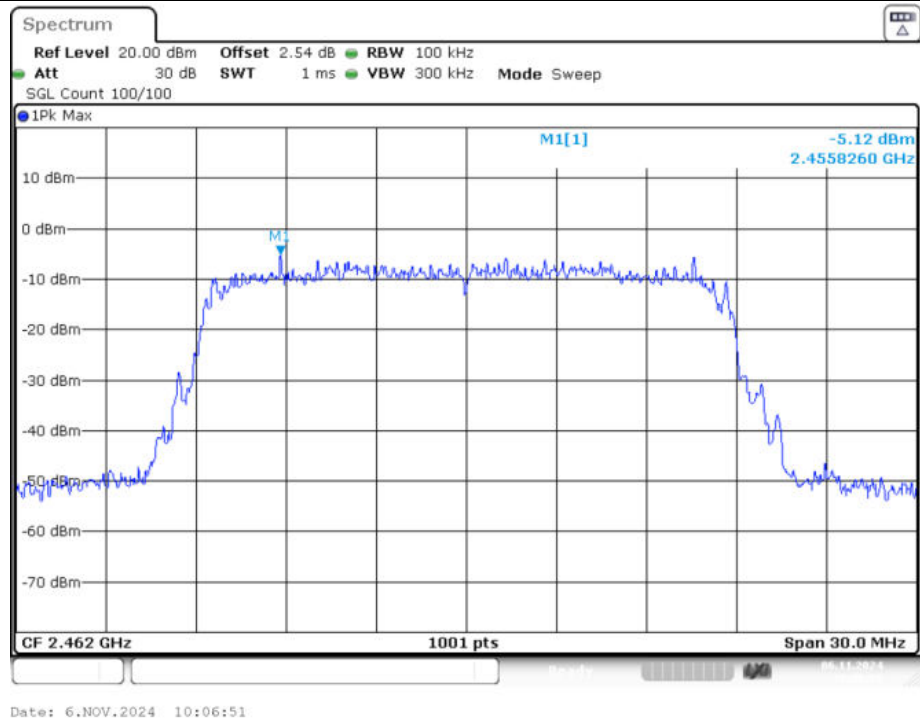
Tx. Spurious NVNT g 2437MHz Ant1 Ref



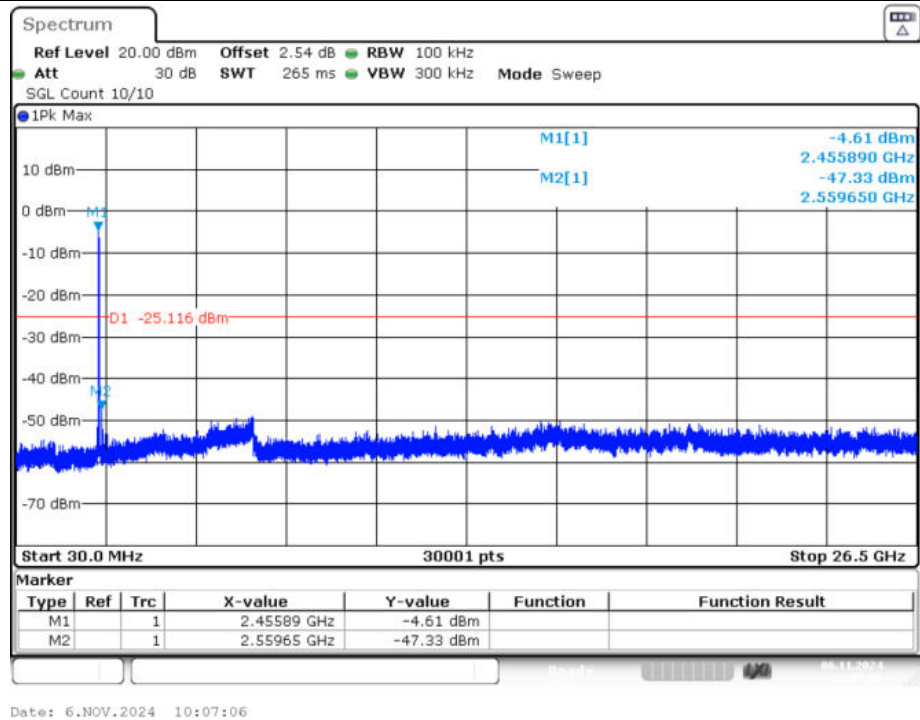
Tx. Spurious NVNT g 2437MHz Ant1 Emission



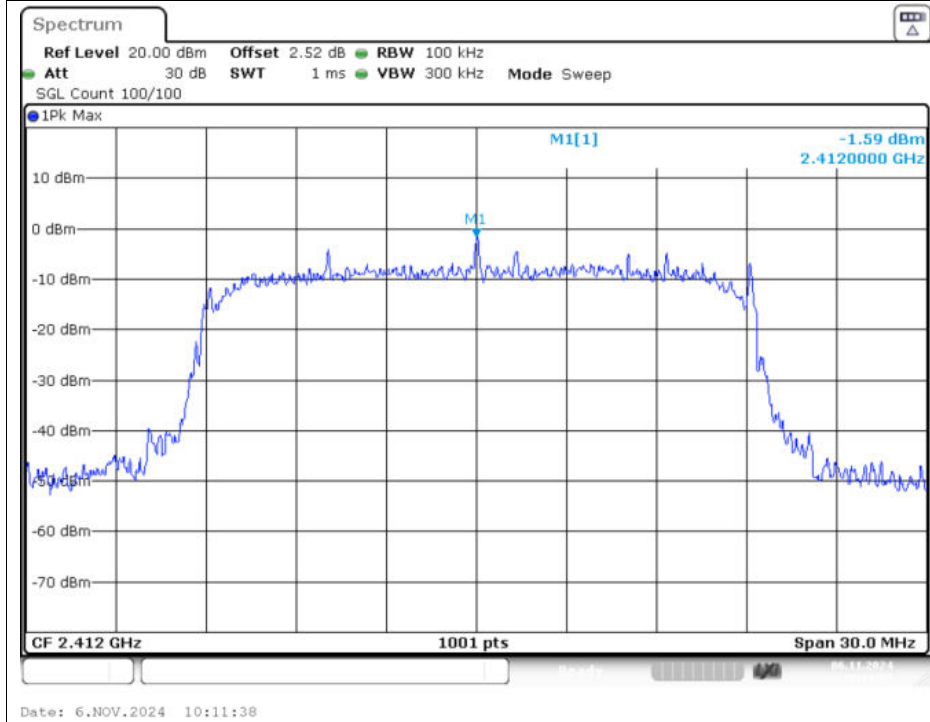
Tx. Spurious NVNT g 2462MHz Ant1 Ref



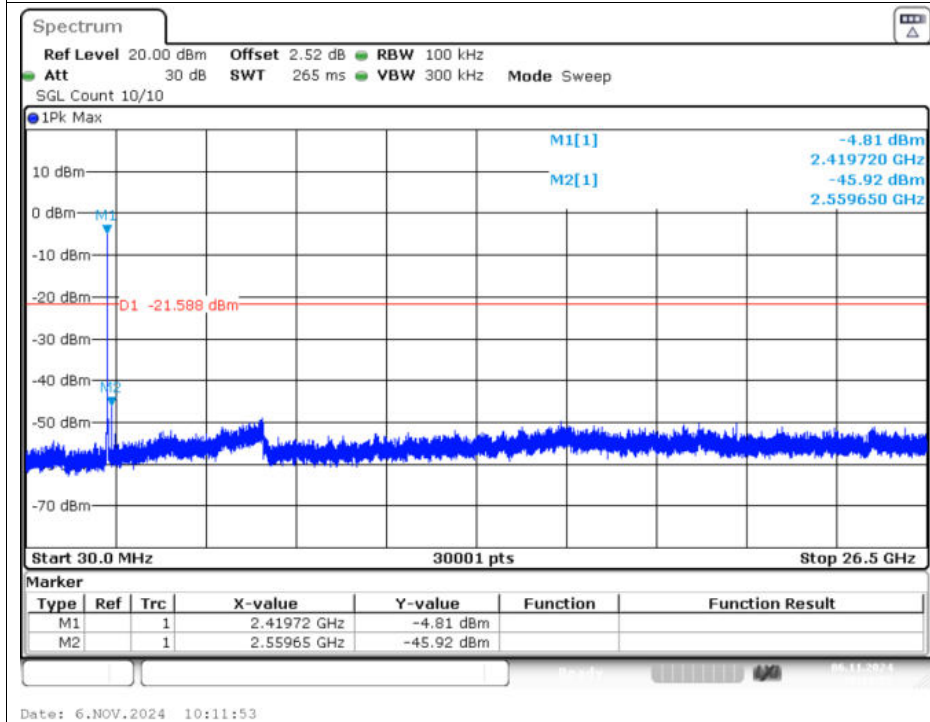
Tx. Spurious NVNT g 2462MHz Ant1 Emission



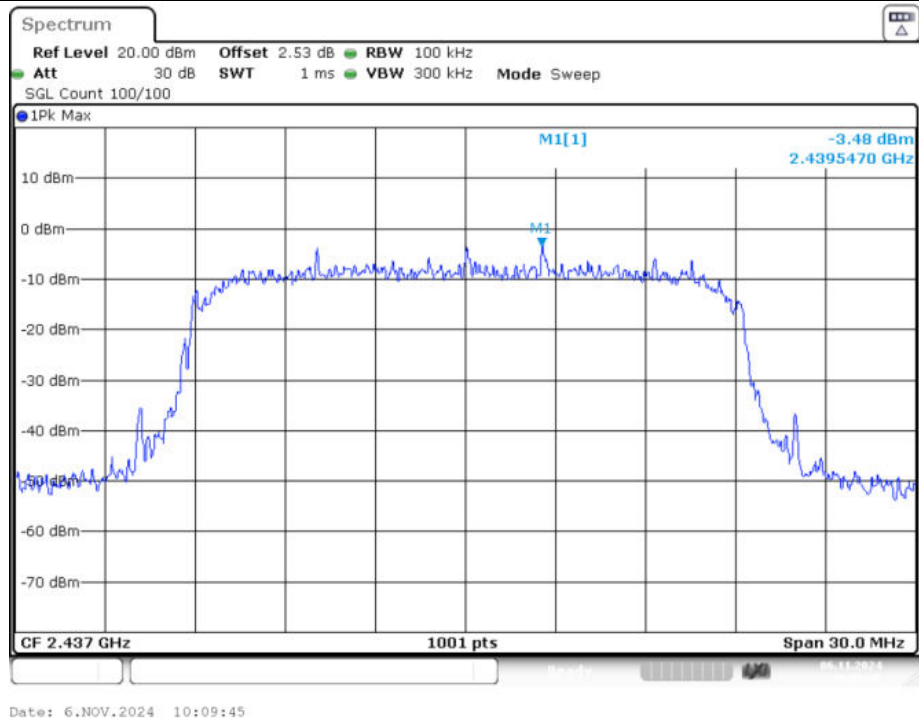
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



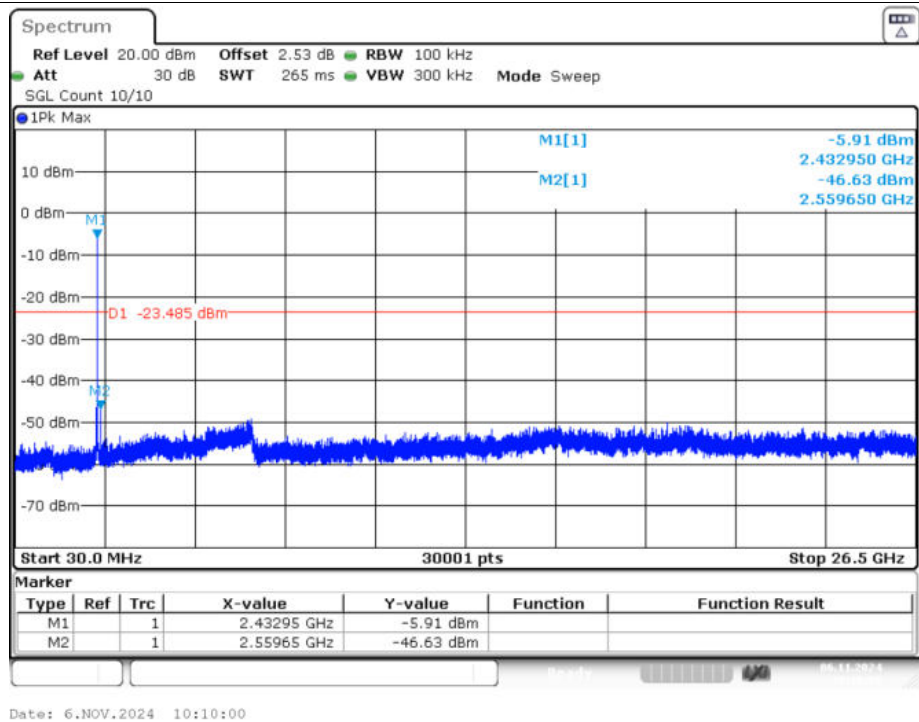
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



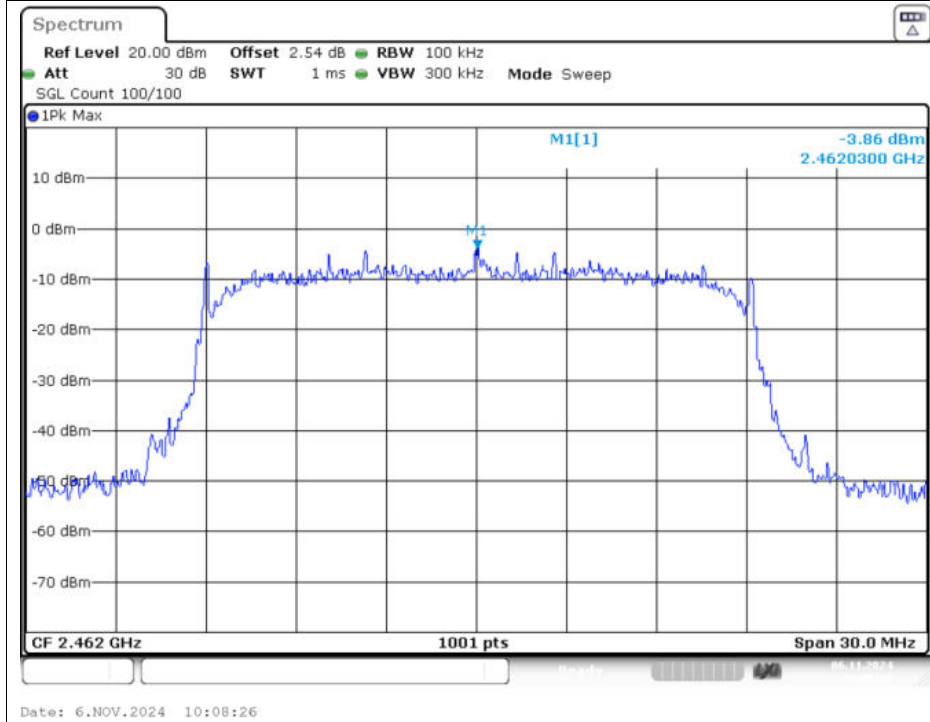
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



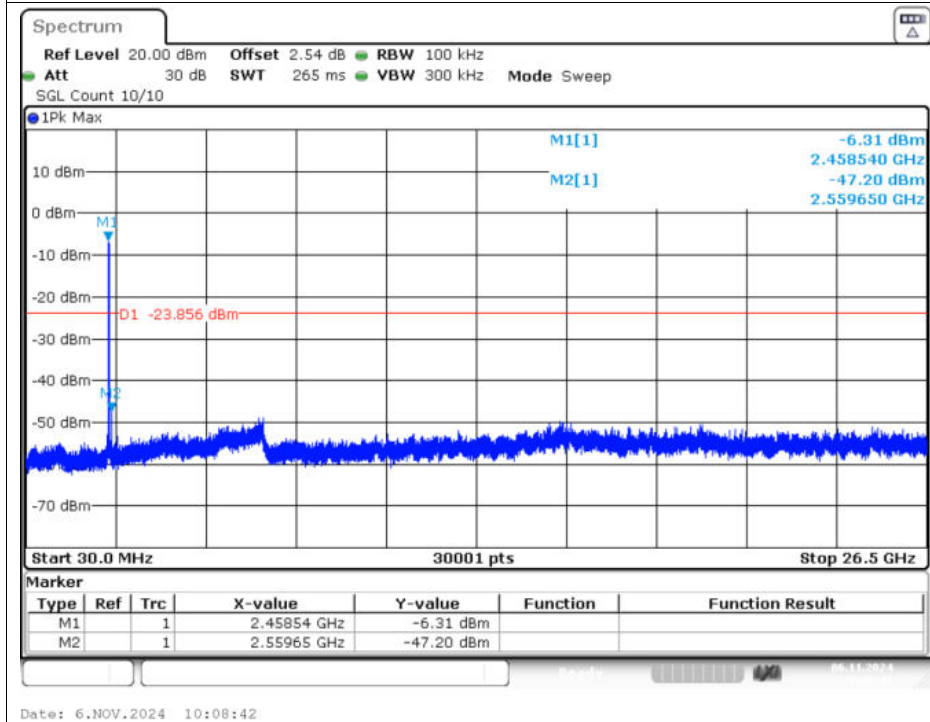
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



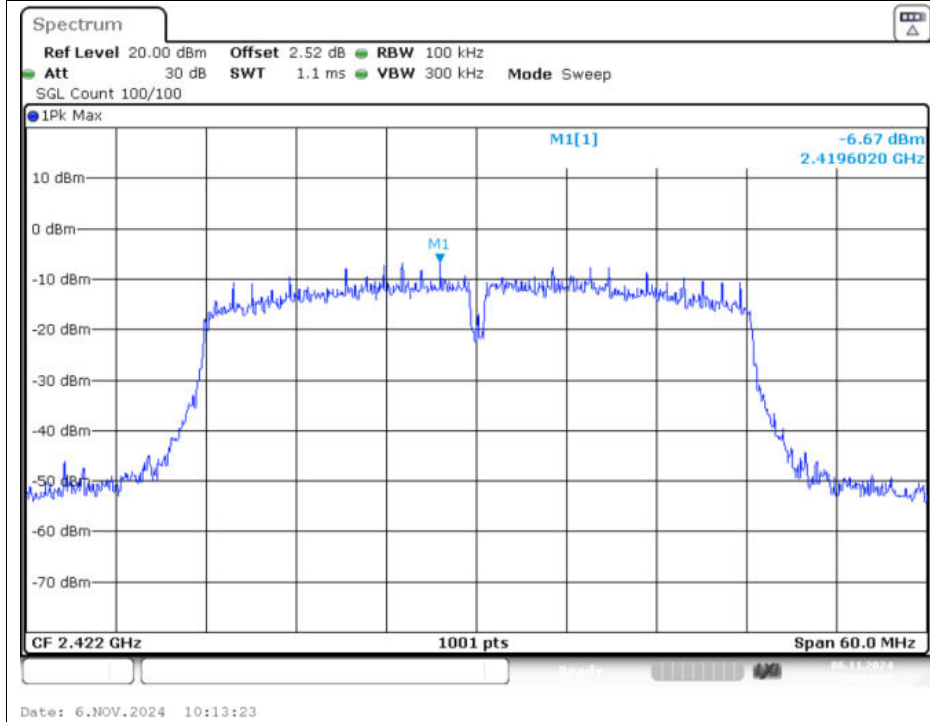
Tx. Spurious NVNT n20 2462MHz Ant1 Ref



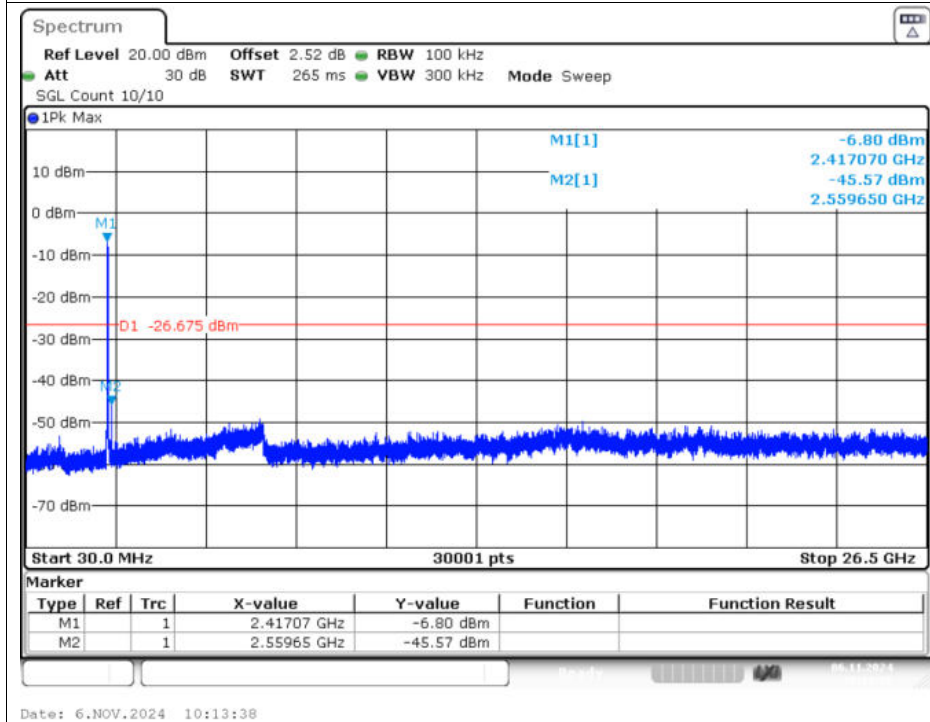
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



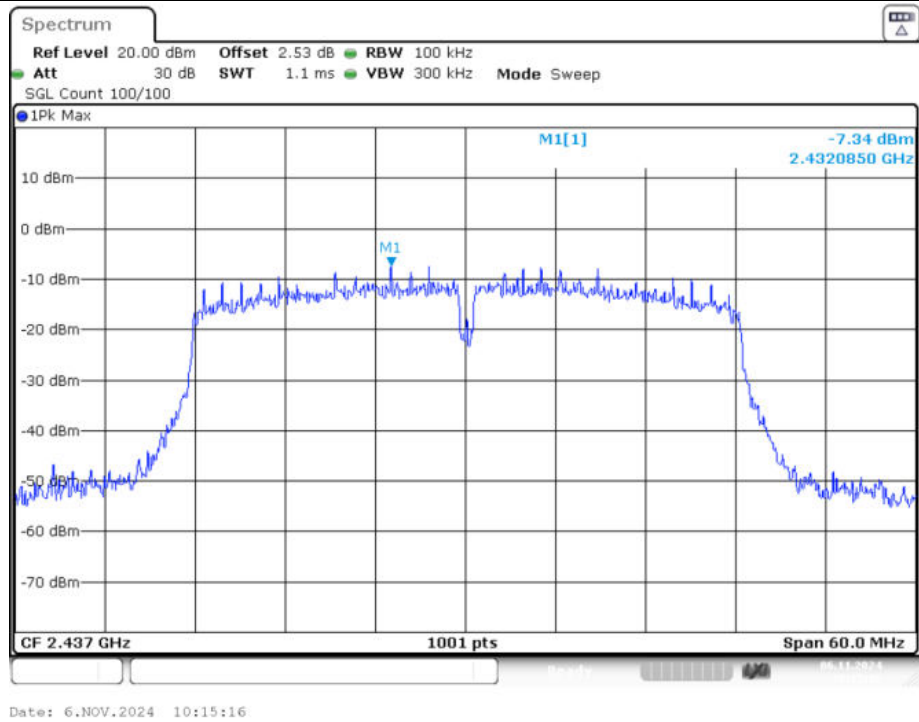
Tx. Spurious NVNT n40 2422MHz Ant1 Ref



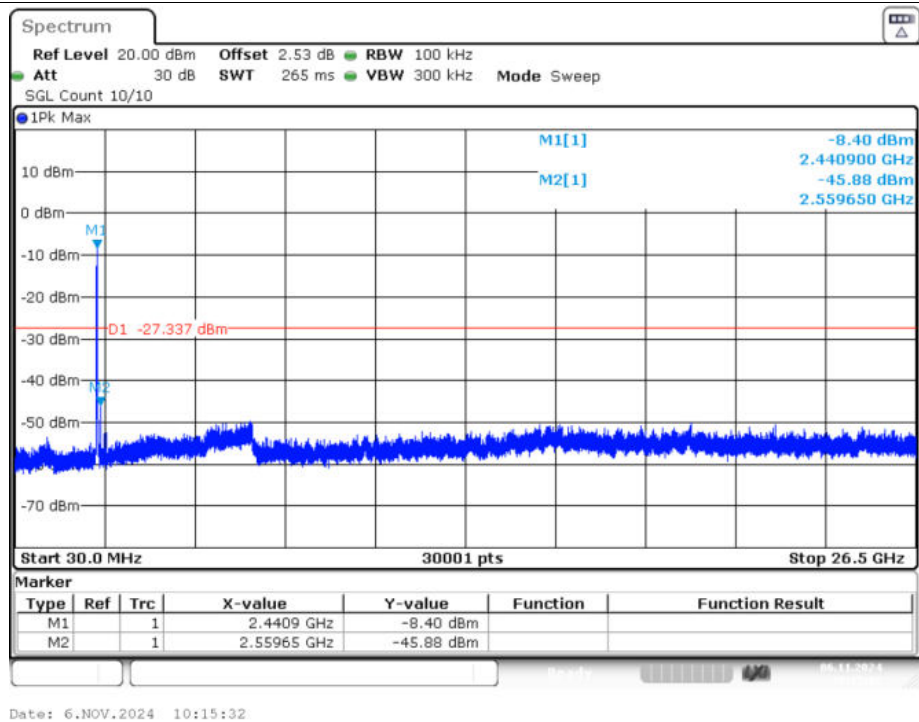
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



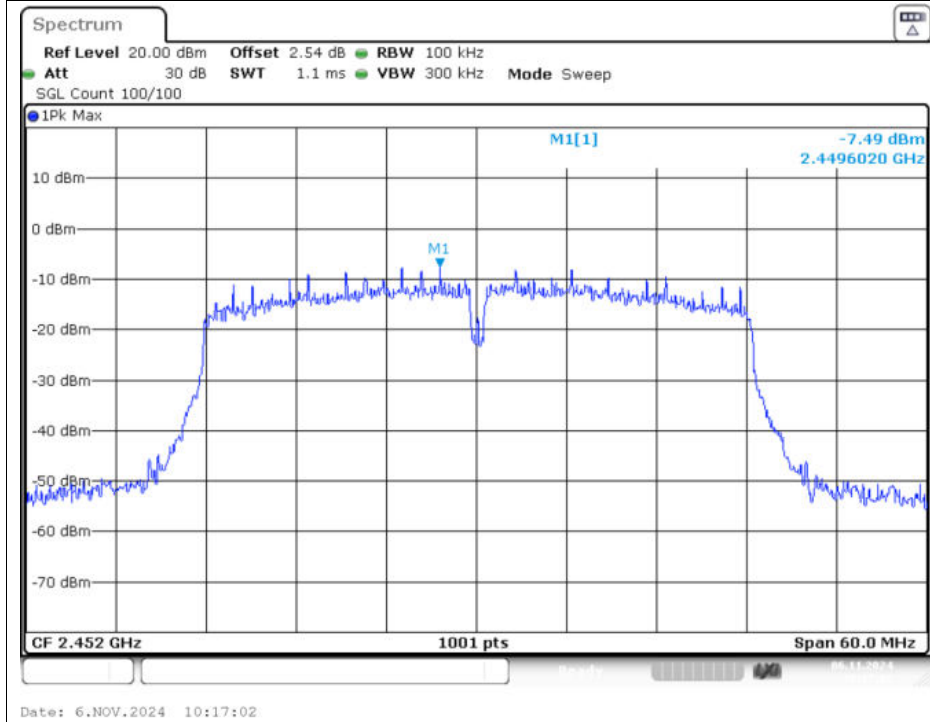
Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission

