

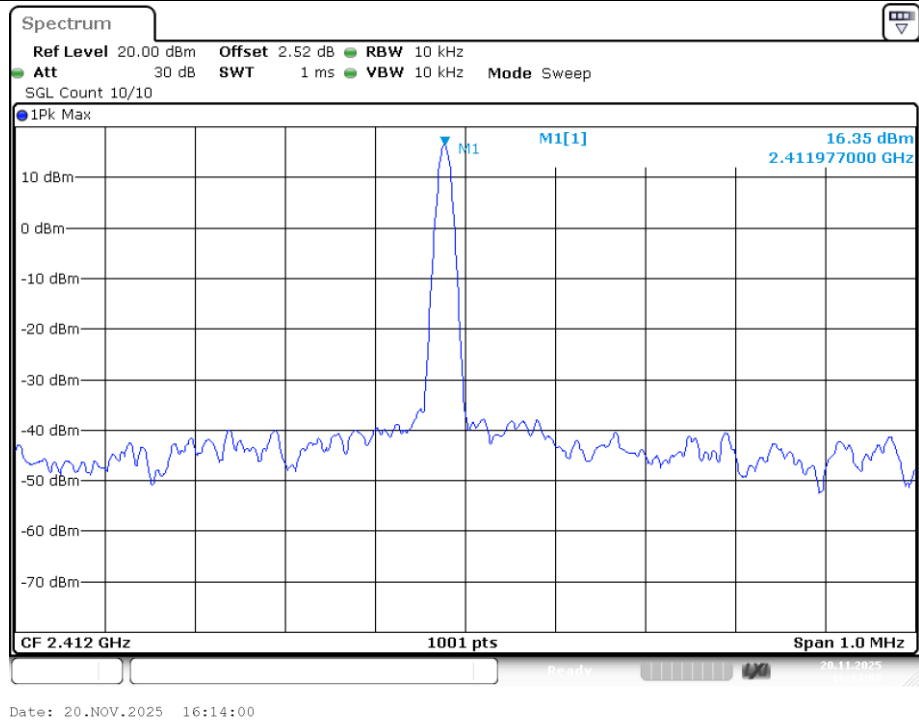
Appendix A

Frequency Error

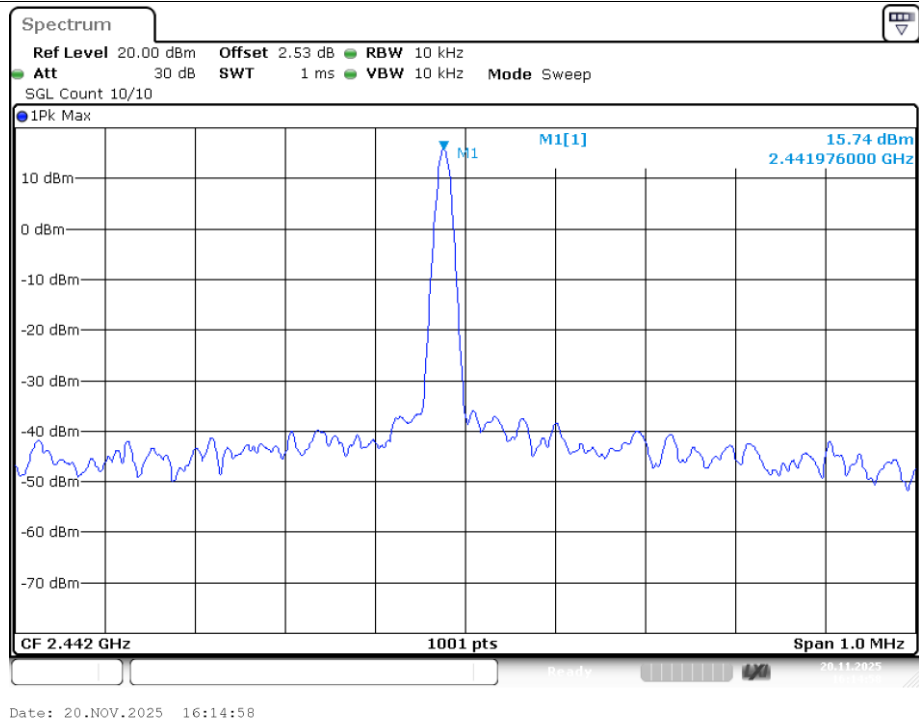
Condition	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	2412	Ant1	2411.977	-23000	-9.54	50	Pass
NVNT	2442	Ant1	2441.976	-24000	-9.83	50	Pass
NVNT	2472	Ant1	2471.975	-25000	-10.11	50	Pass
NVNT	2422	Ant1	2421.976	-24000	-9.91	50	Pass
NVNT	2462	Ant1	2461.976	-24000	-9.75	50	Pass

Test Graphs

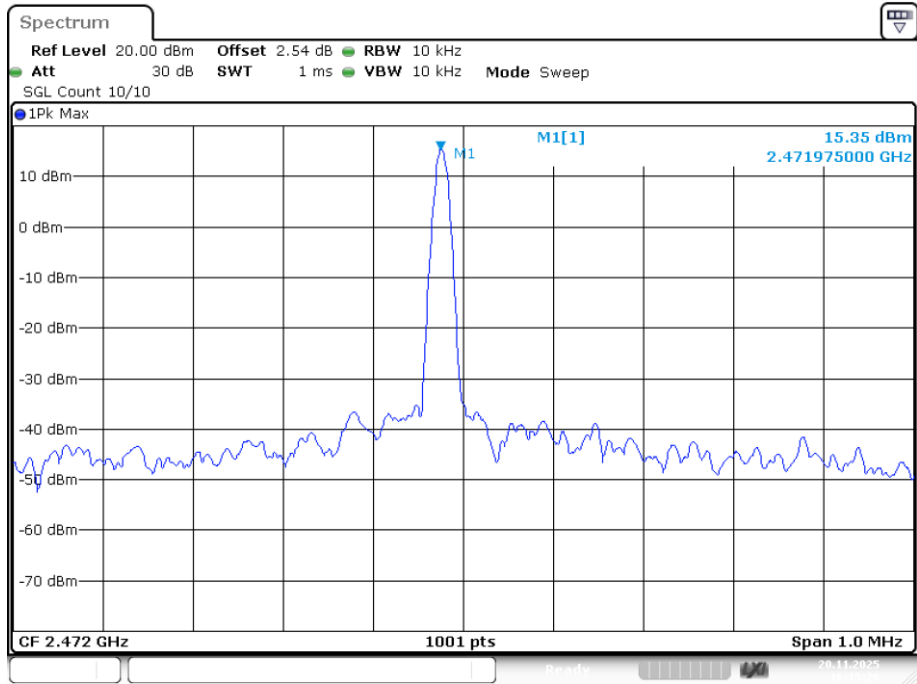
Freq. Error NVNT b 2412MHz Ant1



Freq. Error NVNT b 2442MHz Ant1

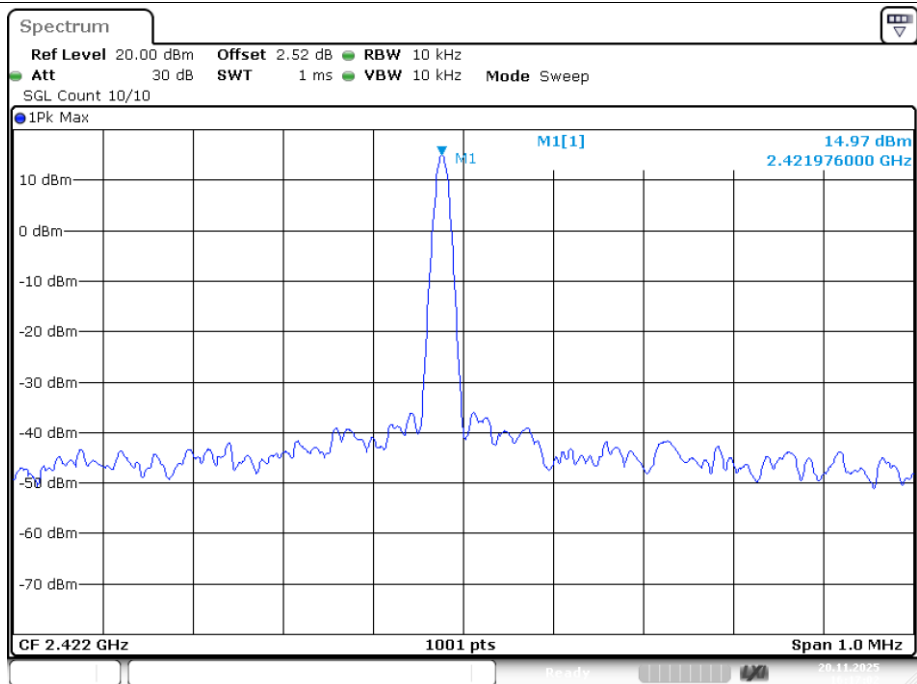


Freq. Error NVNT b 2472MHz Ant1

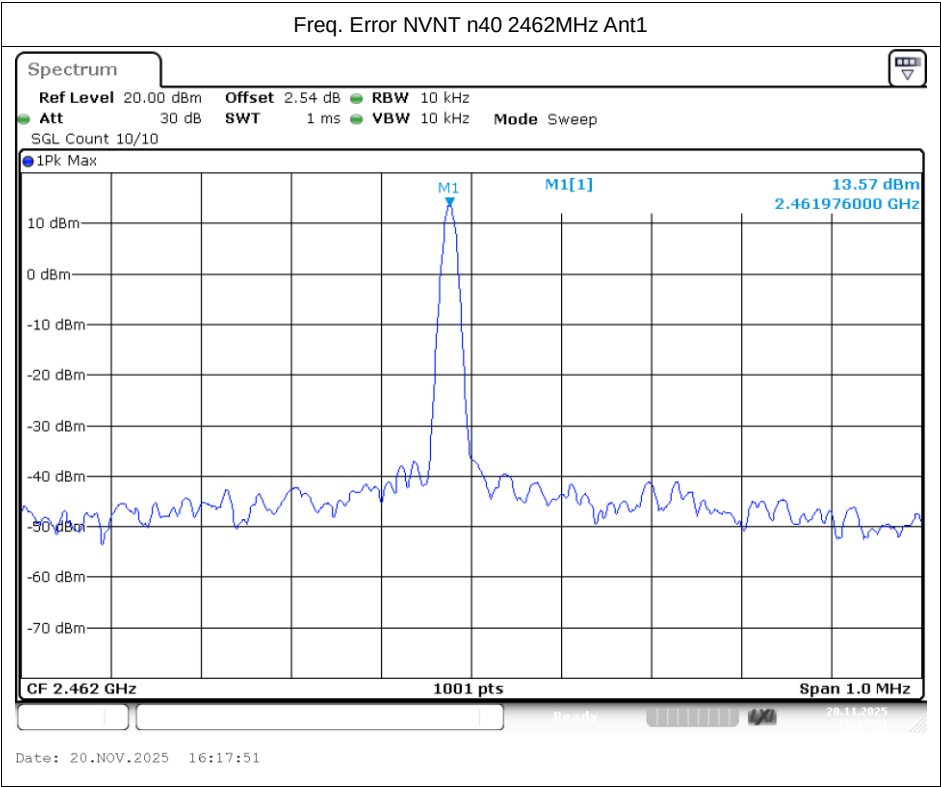


Date: 20.NOV.2025 16:15:27

Freq. Error NVNT n40 2422MHz Ant1

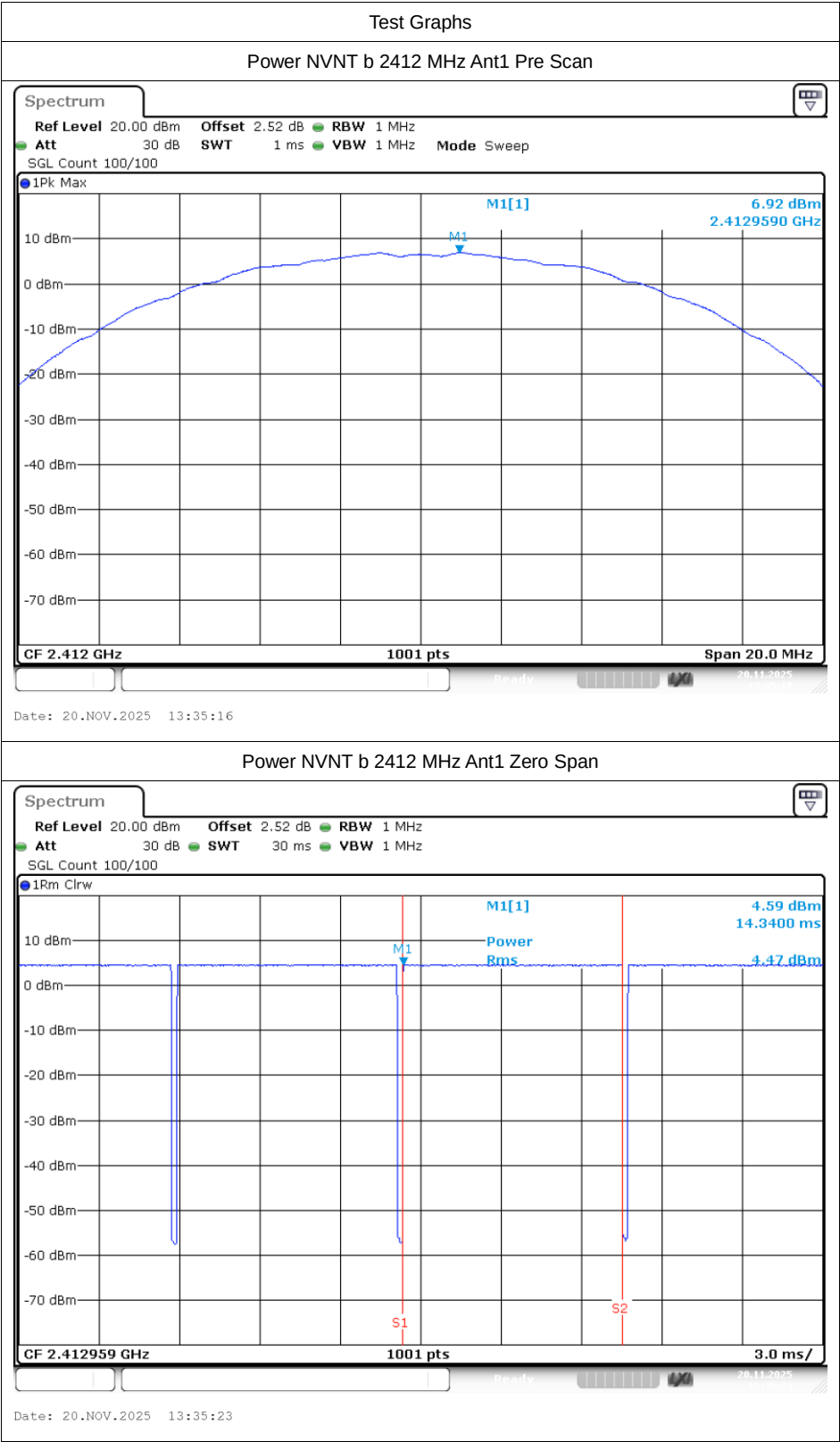


Date: 20.NOV.2025 16:17:02

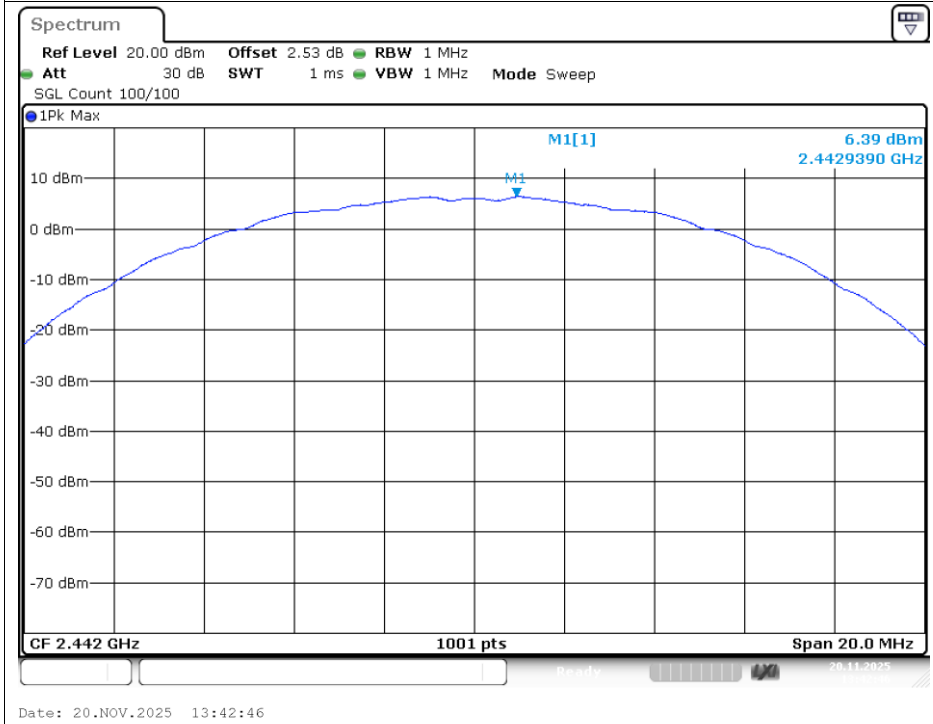


Antenna Power

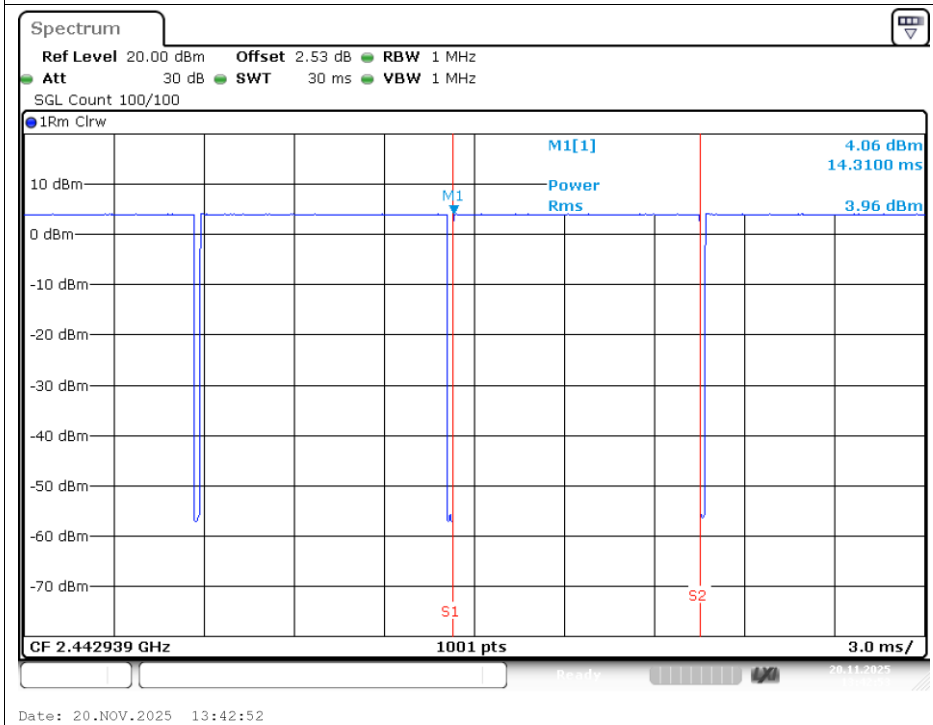
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm/MHz)	Antenna Power (mW/MHz)	Limit (mW/MHz)	Declared Power (mW/MHz)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	b	2412	Ant1	4.47	2.801	10	3	-6.63	20	Pass
NVNT	b	2442	Ant1	3.96	2.491	10	3	-16.97	20	Pass
NVNT	b	2472	Ant1	3.57	2.277	10	3	-24.1	20	Pass
NVNT	g	2412	Ant1	-7.15	0.193	10	0.2	-3.5	20	Pass
NVNT	g	2442	Ant1	-8.04	0.157	10	0.2	-21.5	20	Pass
NVNT	g	2472	Ant1	-10.03	0.099	10	0.2	-50.5	20	Pass
NVNT	n20	2412	Ant1	-8.68	0.135	10	0.2	-32.5	20	Pass
NVNT	n20	2442	Ant1	-9.95	0.101	10	0.2	-49.5	20	Pass
NVNT	n20	2472	Ant1	-10.16	0.096	10	0.2	-52	20	Pass
NVNT	n40	2422	Ant1	-11.84	0.065	5	0.1	-35	20	Pass
NVNT	n40	2442	Ant1	-12.65	0.054	5	0.1	-46	20	Pass
NVNT	n40	2462	Ant1	-13.11	0.049	5	0.1	-51	20	Pass

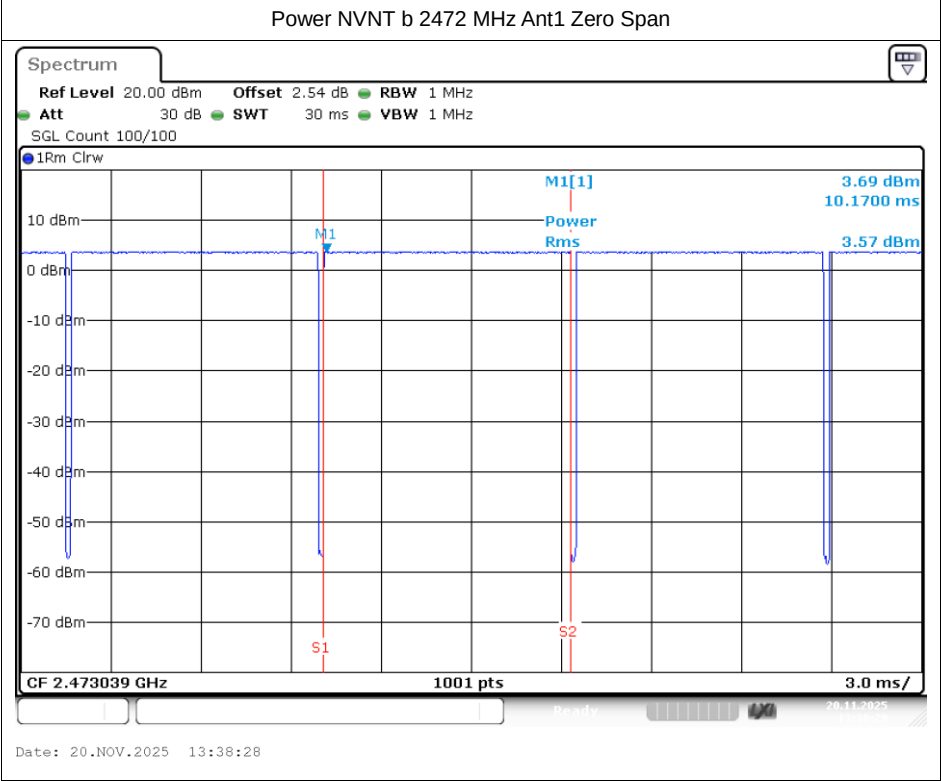
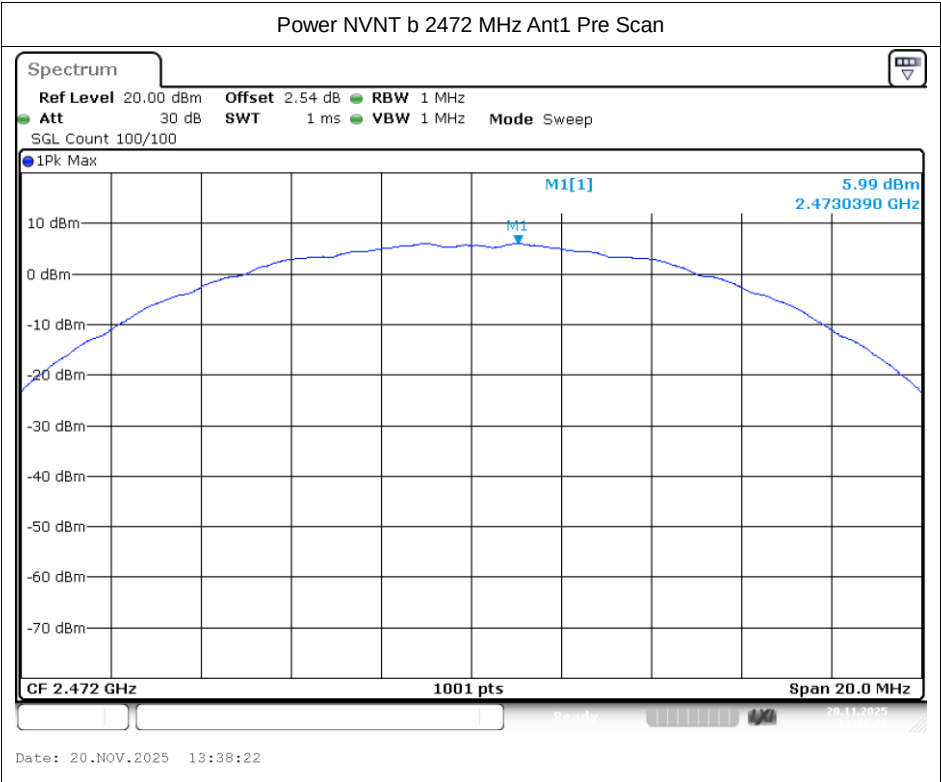


Power NVNT b 2442 MHz Ant1 Pre Scan

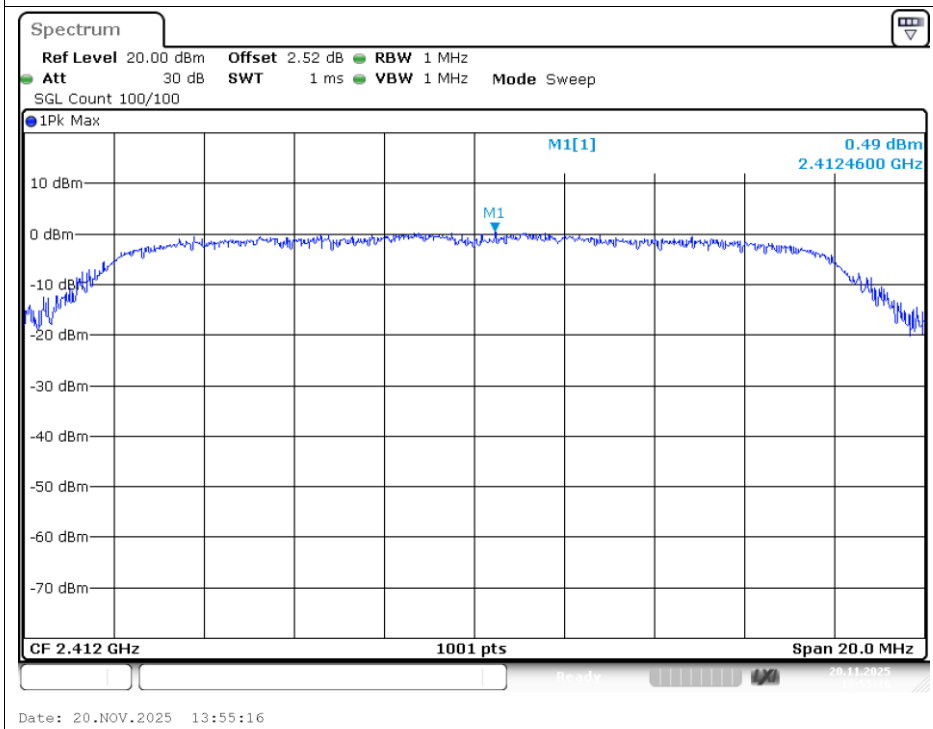


Power NVNT b 2442 MHz Ant1 Zero Span

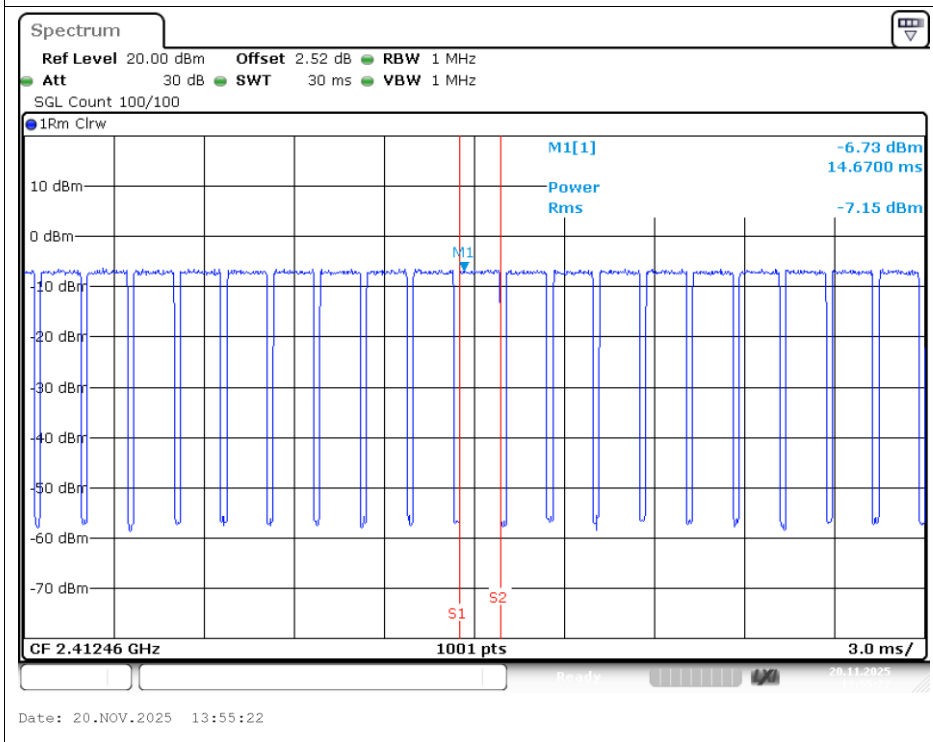


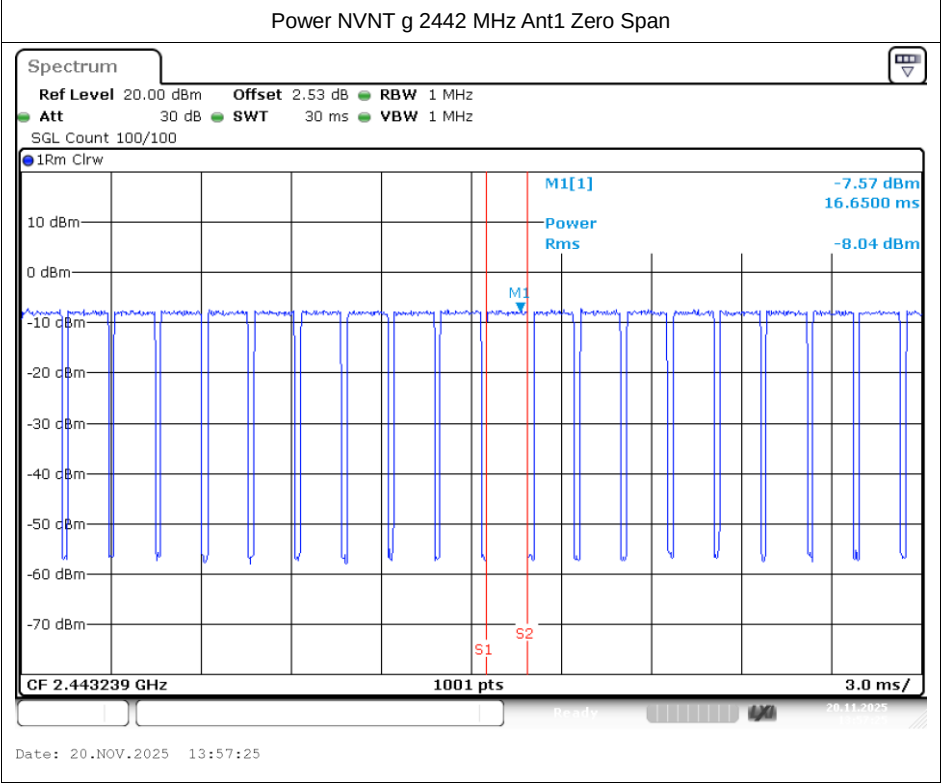
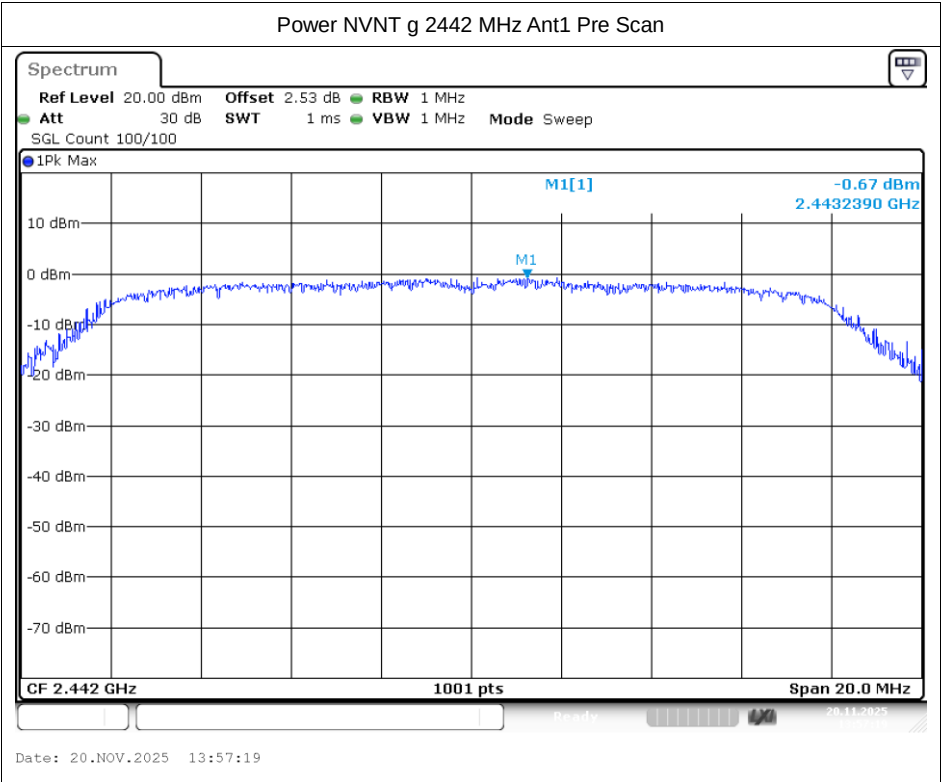


Power NVNT g 2412 MHz Ant1 Pre Scan

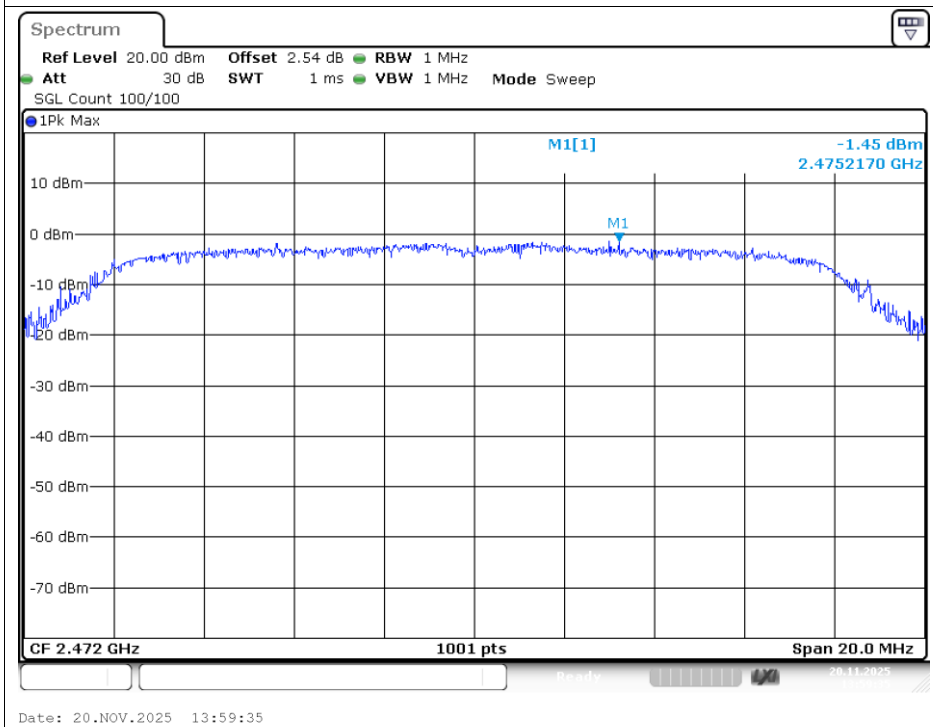


Power NVNT g 2412 MHz Ant1 Zero Span

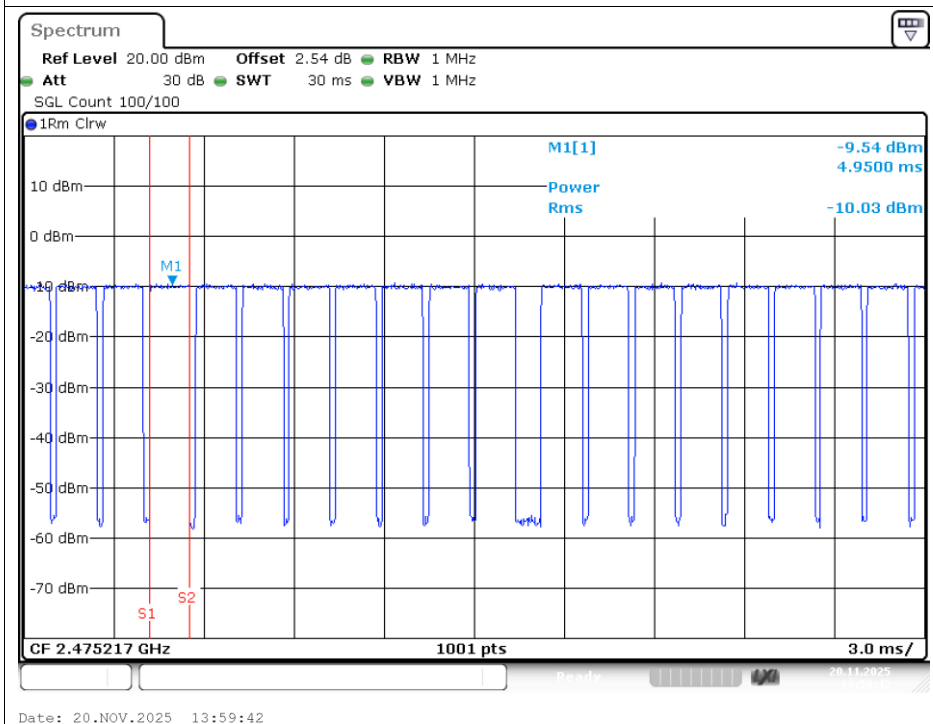


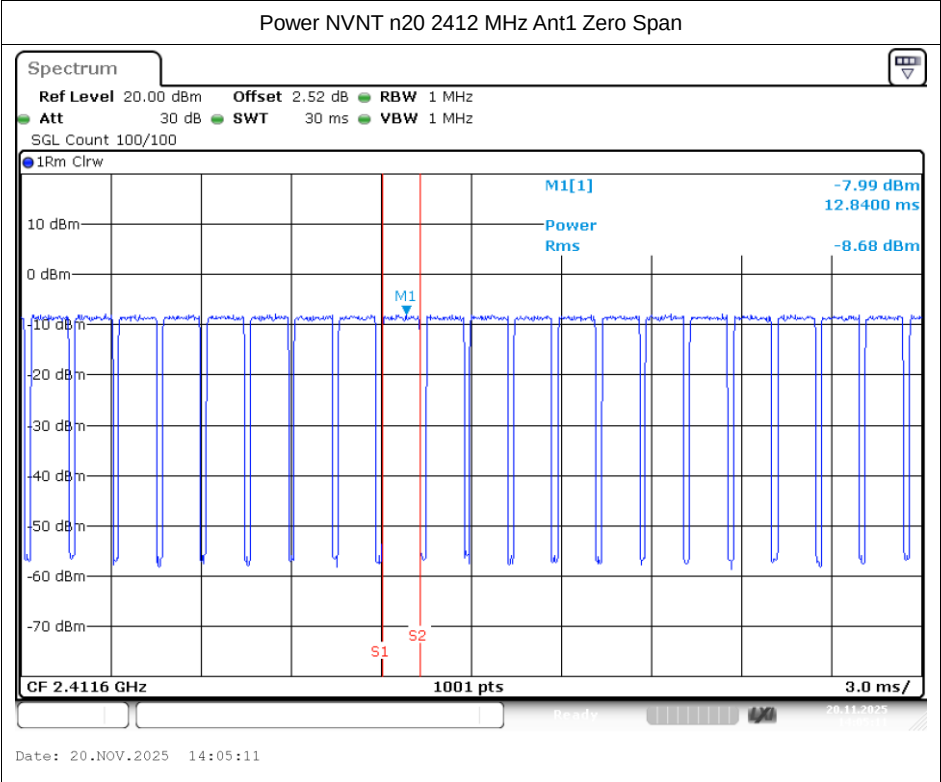
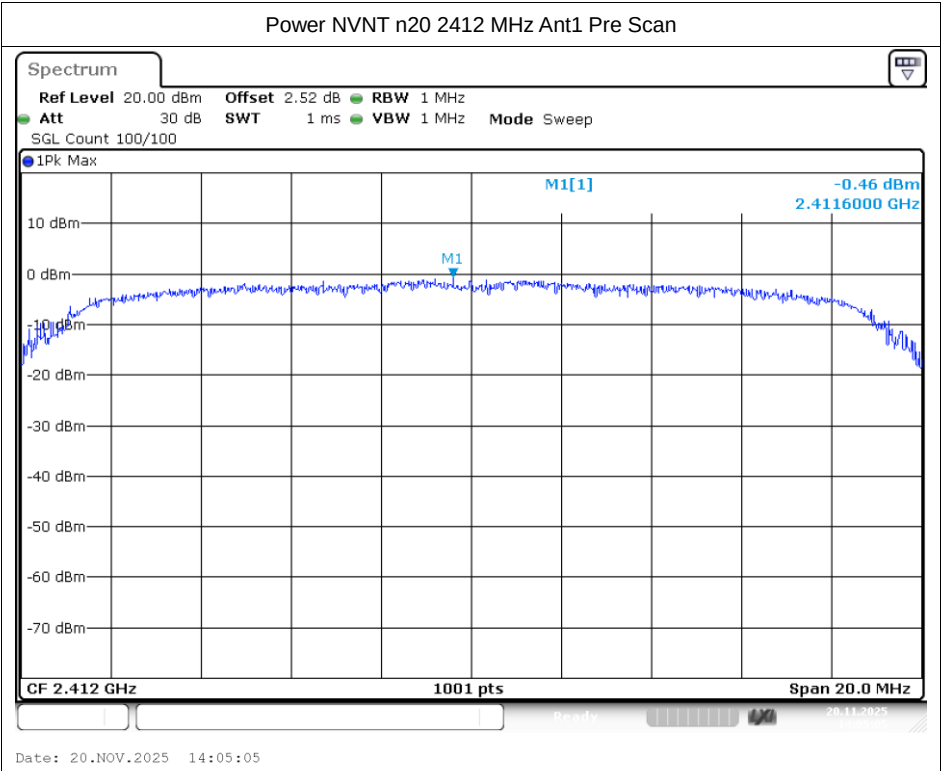


Power NVNT g 2472 MHz Ant1 Pre Scan

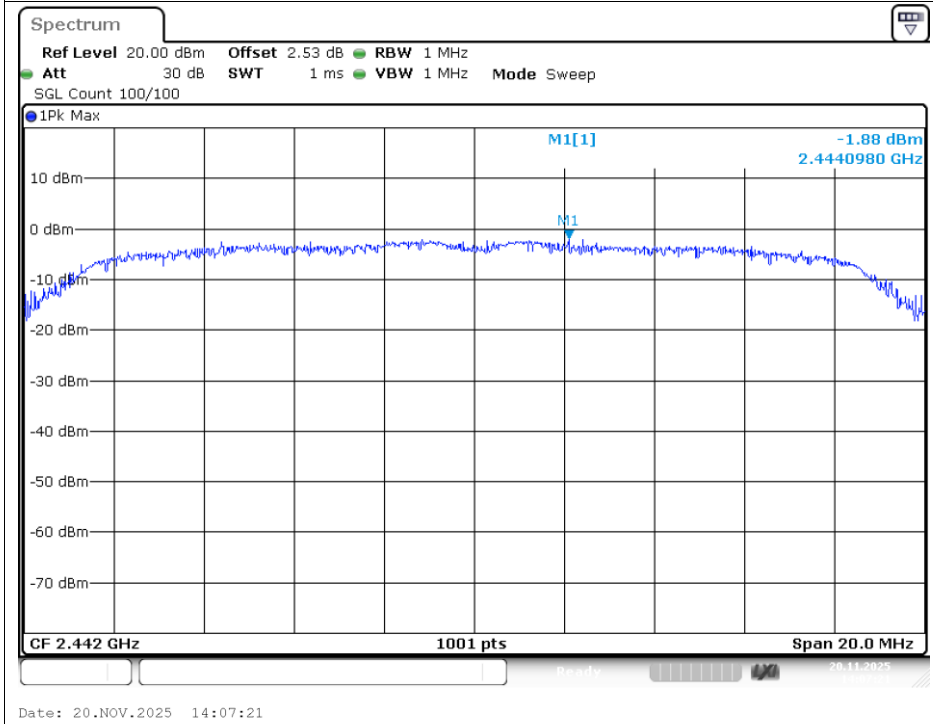


Power NVNT g 2472 MHz Ant1 Zero Span

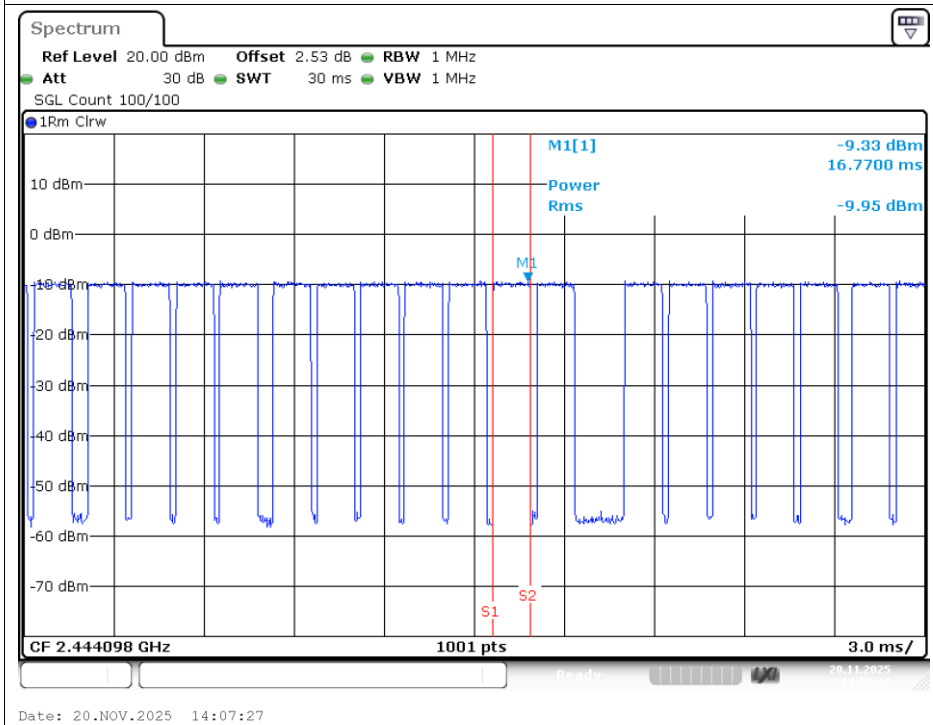


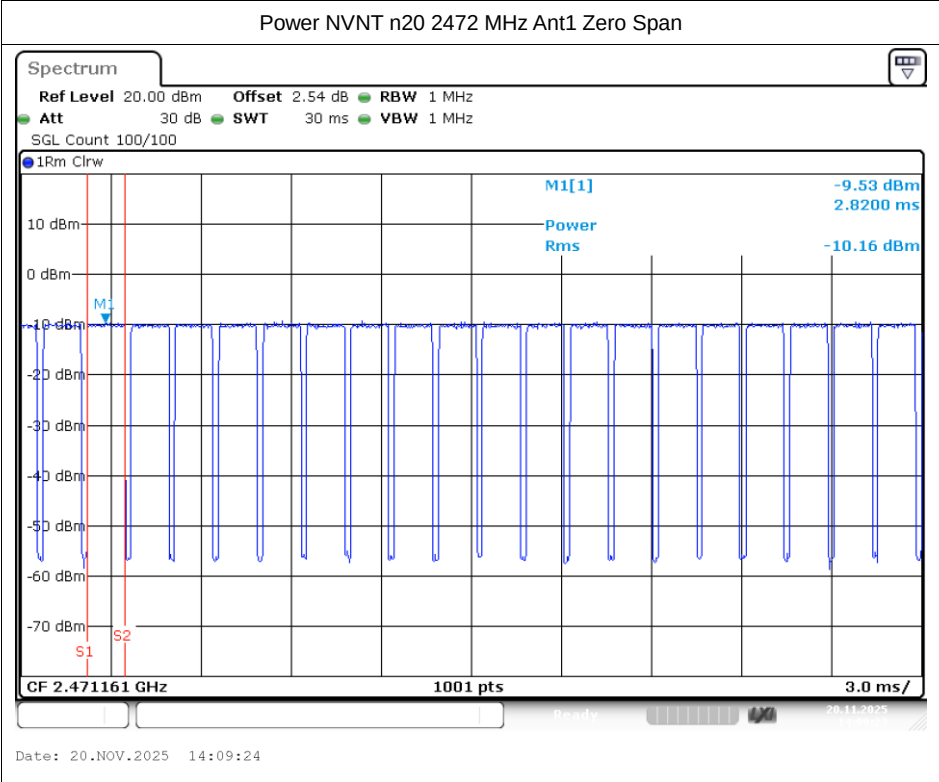
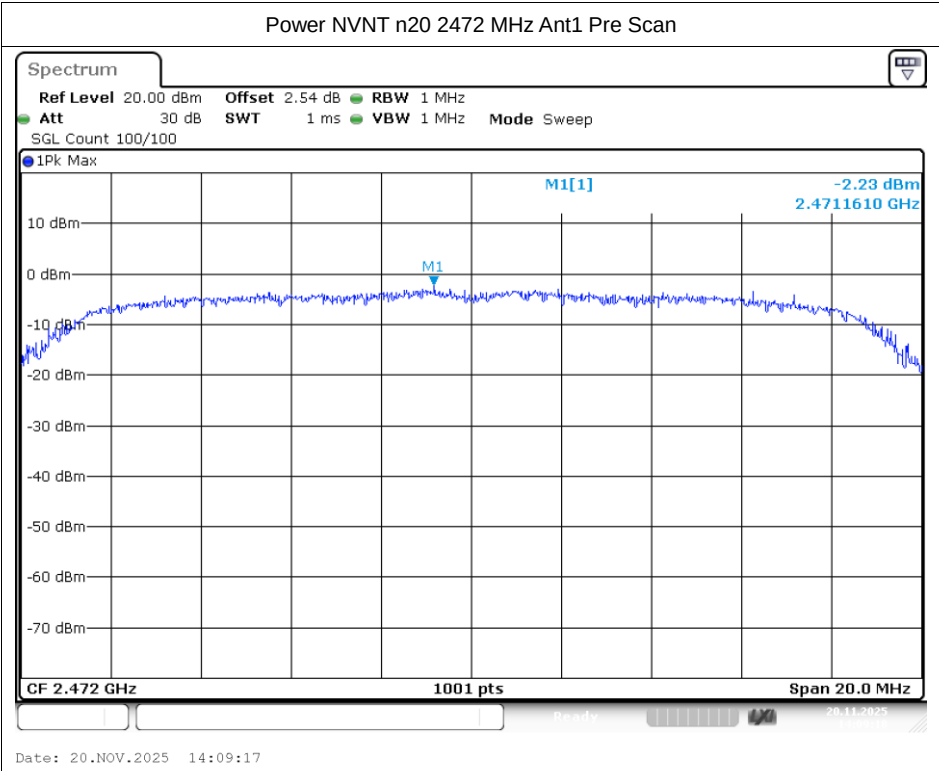


Power NVNT n20 2442 MHz Ant1 Pre Scan

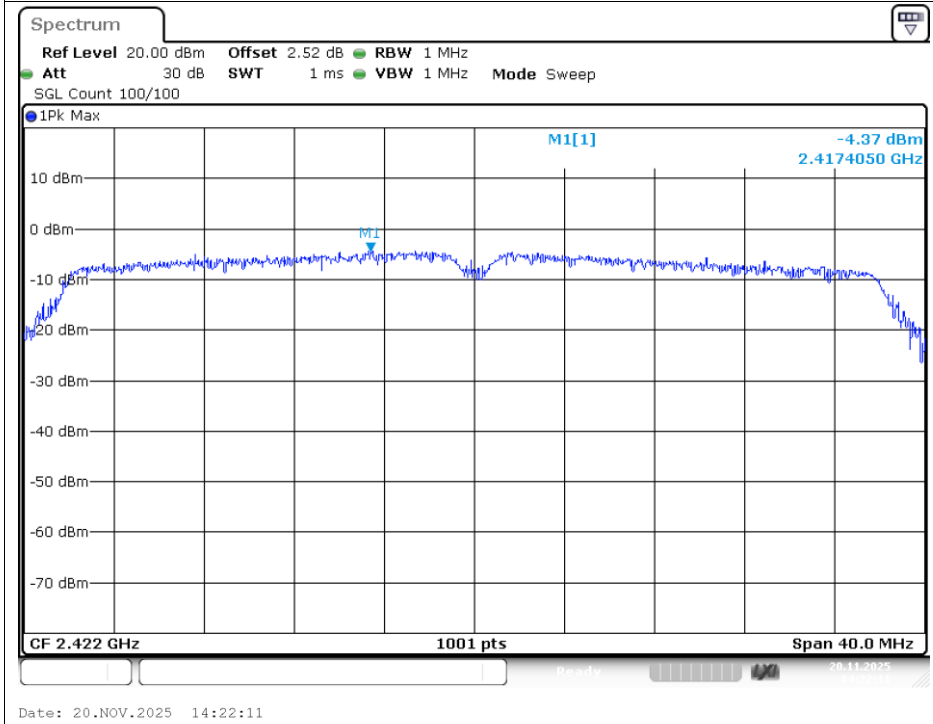


Power NVNT n20 2442 MHz Ant1 Zero Span

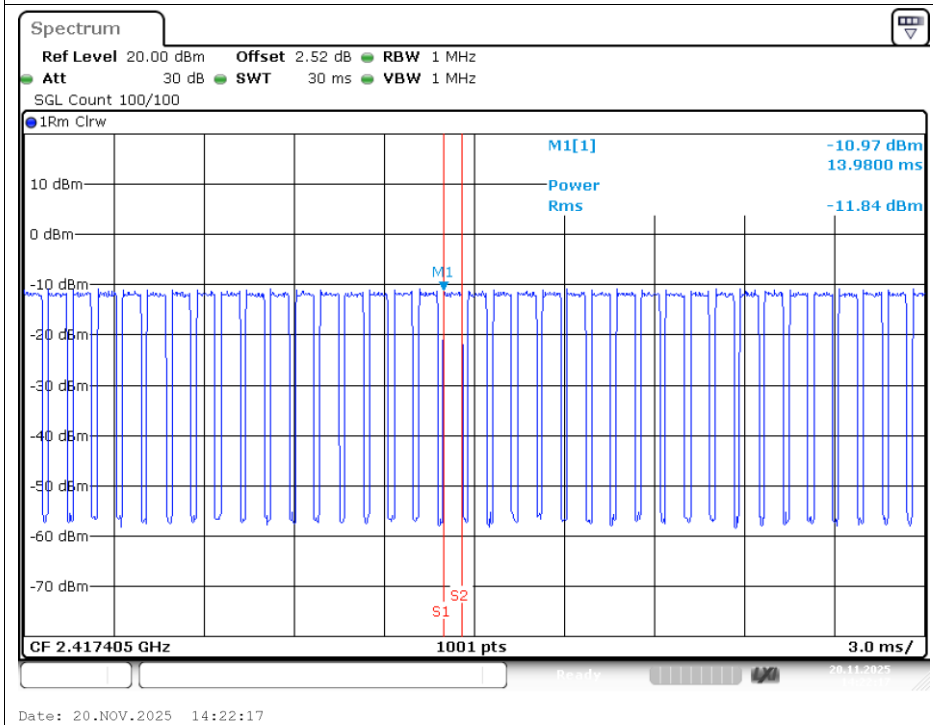


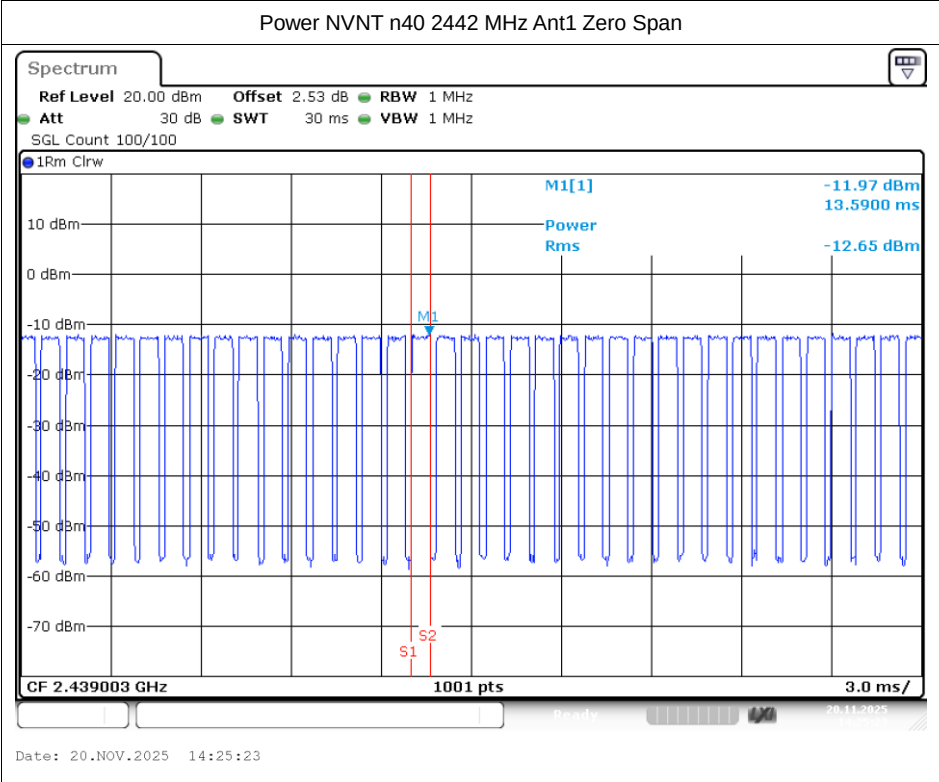
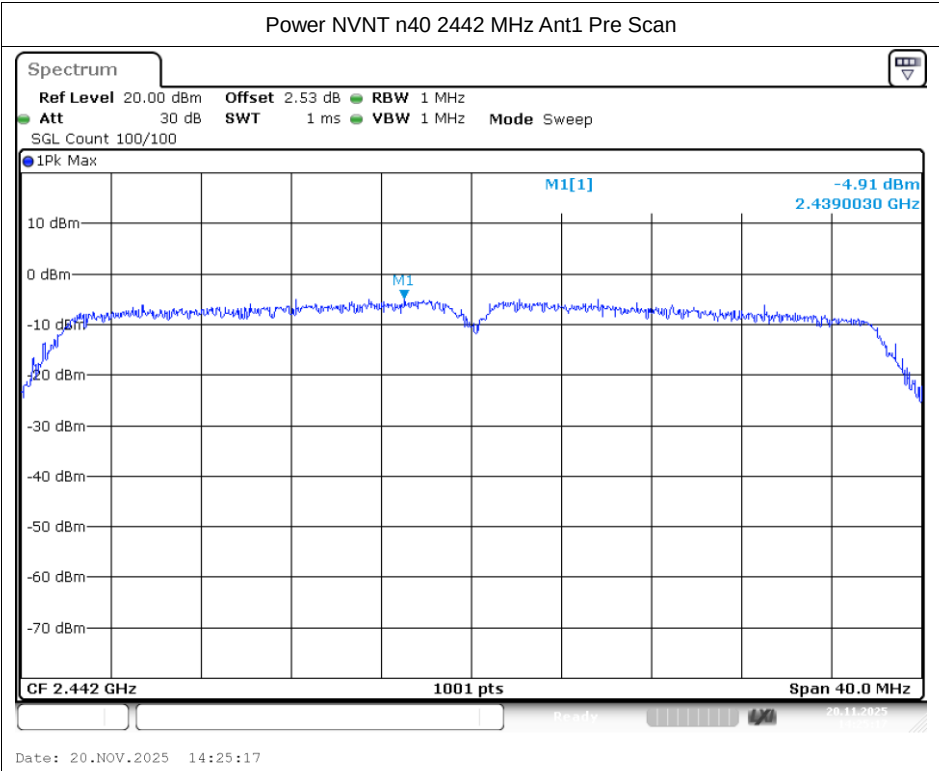


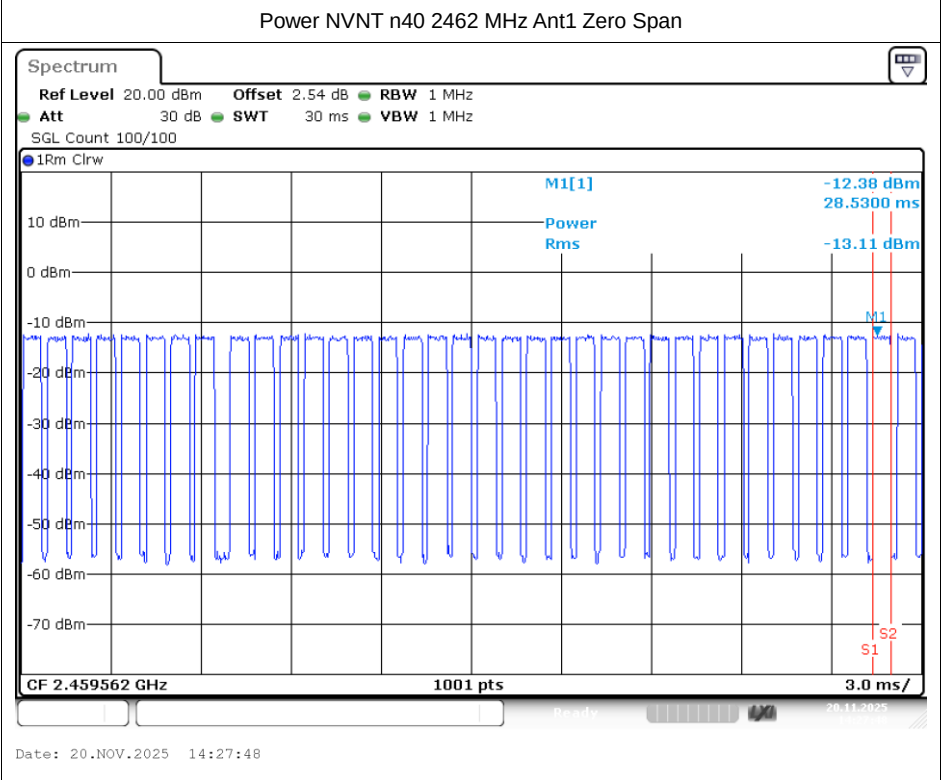
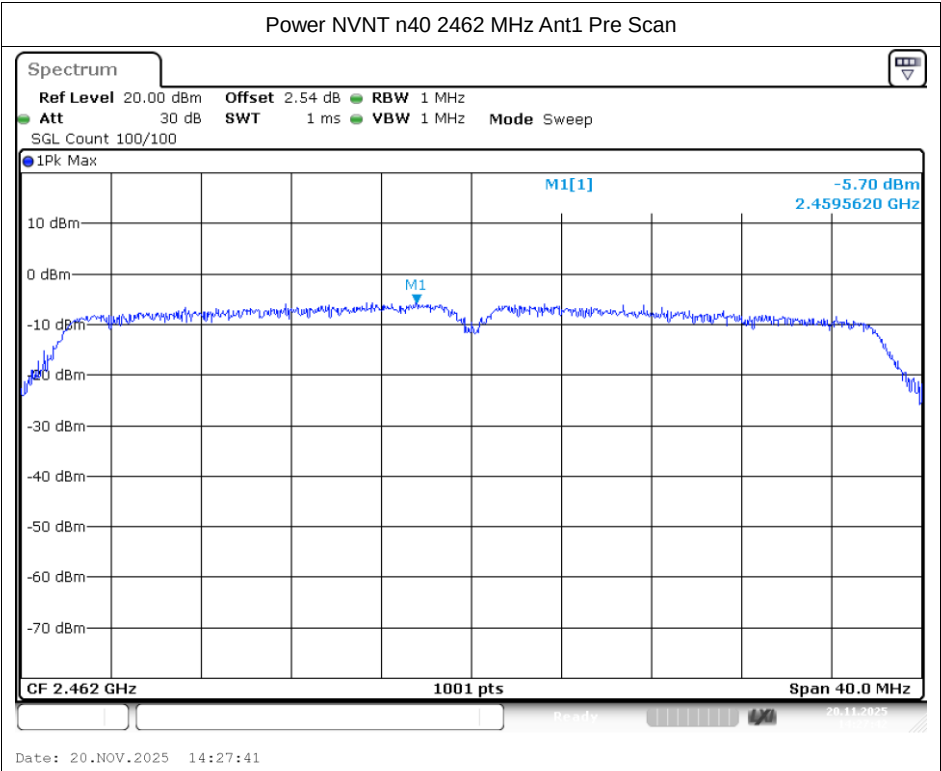
Power NVNT n40 2422 MHz Ant1 Pre Scan



Power NVNT n40 2422 MHz Ant1 Zero Span







EIRP Power

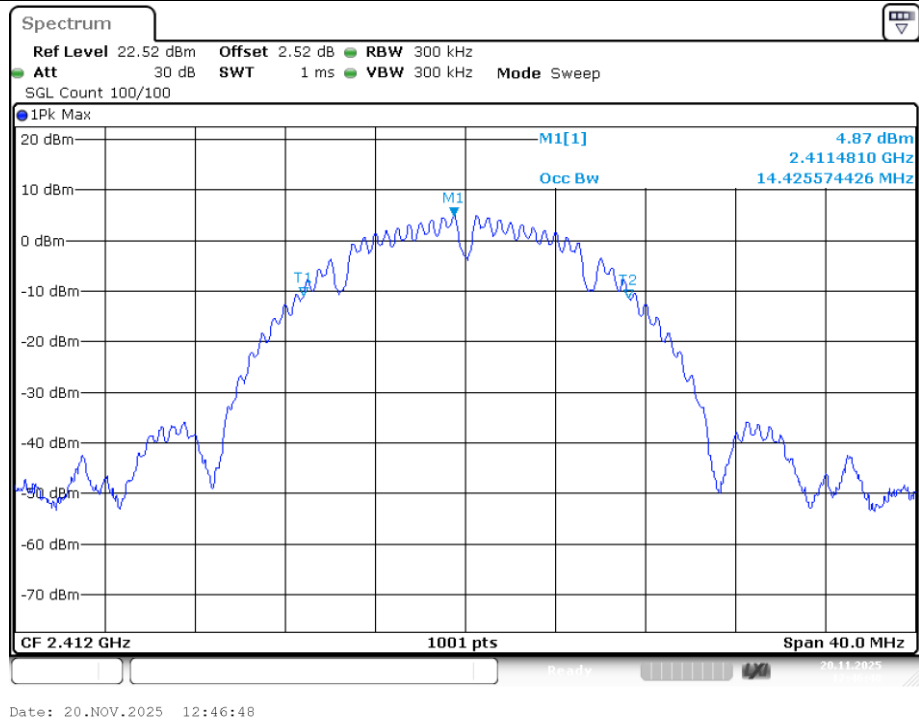
Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (dBm/MHz)	Gain (dBi)	EIRP Power (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	b	2412	Ant1	4.47	2.69	7.16	12.14	Pass
NVNT	b	2442	Ant1	3.96	2.69	6.65	12.14	Pass
NVNT	b	2472	Ant1	3.57	2.69	6.26	12.14	Pass
NVNT	g	2412	Ant1	-7.14	2.69	-4.46	12.14	Pass
NVNT	g	2442	Ant1	-8.04	2.69	-5.35	12.14	Pass
NVNT	g	2472	Ant1	-10.04	2.69	-7.35	12.14	Pass
NVNT	n20	2412	Ant1	-8.7	2.69	-5.99	12.14	Pass
NVNT	n20	2442	Ant1	-9.96	2.69	-7.26	12.14	Pass
NVNT	n20	2472	Ant1	-10.18	2.69	-7.47	12.14	Pass
NVNT	n40	2422	Ant1	-11.87	2.69	-9.14	9.13	Pass
NVNT	n40	2442	Ant1	-12.68	2.69	-9.96	9.13	Pass
NVNT	n40	2462	Ant1	-13.1	2.69	-10.41	9.13	Pass

Occupied Channel Bandwidth

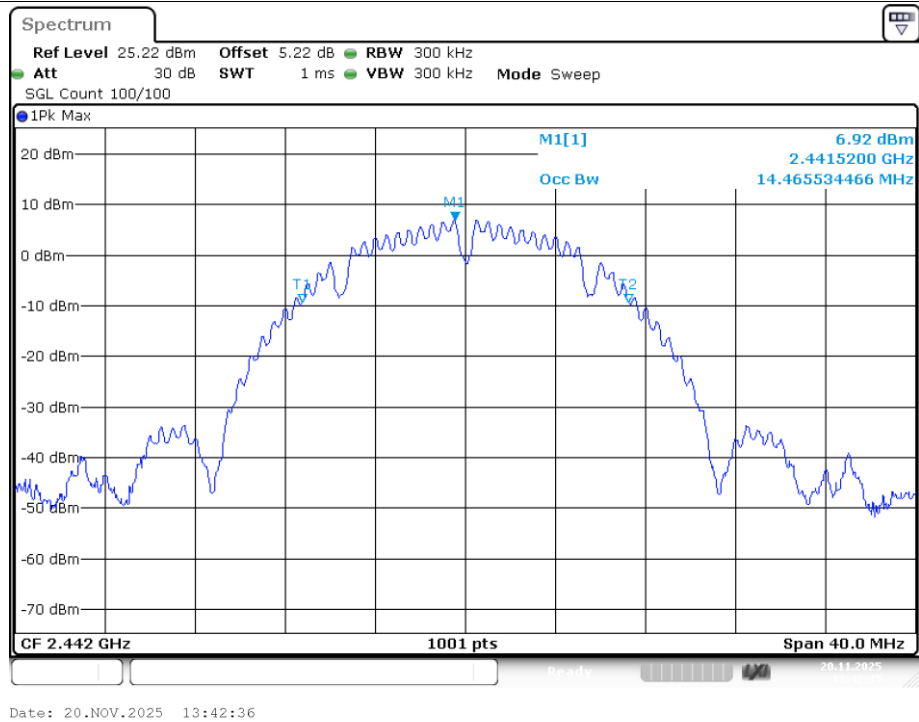
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Lower Limit (MHz)	Upper Limit (MHz)	Verdict
NVNT	b	2412	Ant1	14.426	N/A	26	Pass
NVNT	b	2442	Ant1	14.466	N/A	26	Pass
NVNT	b	2472	Ant1	14.466	N/A	26	Pass
NVNT	g	2412	Ant1	16.663	N/A	26	Pass
NVNT	g	2442	Ant1	16.743	N/A	26	Pass
NVNT	g	2472	Ant1	16.823	N/A	26	Pass
NVNT	n20	2412	Ant1	17.862	N/A	26	Pass
NVNT	n20	2442	Ant1	17.902	N/A	26	Pass
NVNT	n20	2472	Ant1	17.862	N/A	26	Pass
NVNT	n40	2422	Ant1	36.124	26	40	Pass
NVNT	n40	2442	Ant1	36.204	26	40	Pass
NVNT	n40	2462	Ant1	36.204	26	40	Pass

Test Graphs

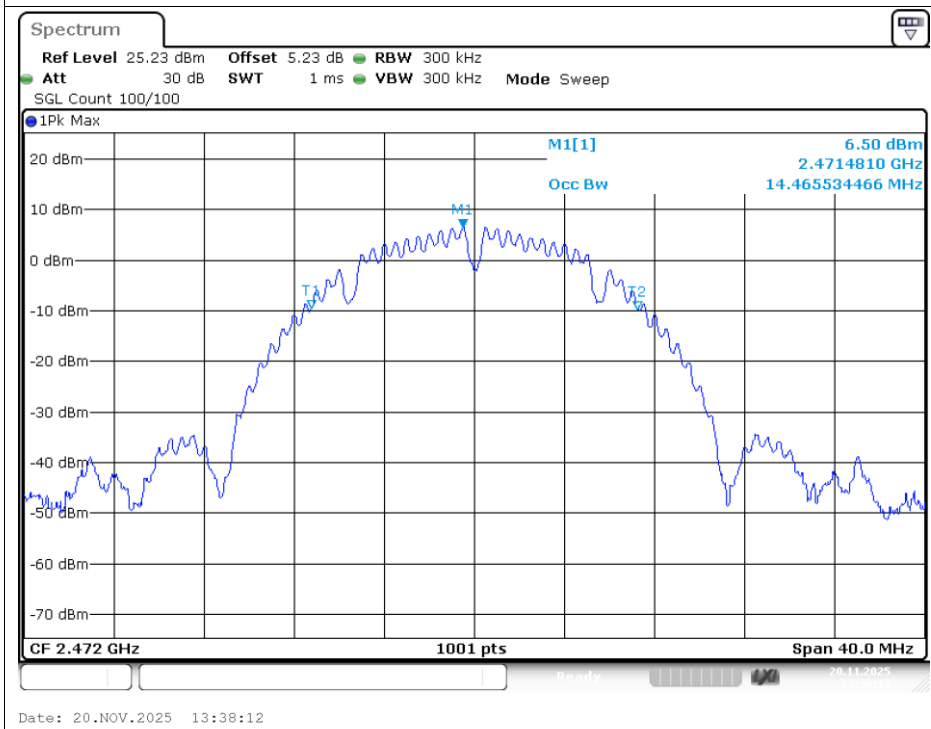
OBW NVNT b 2412MHz Ant1



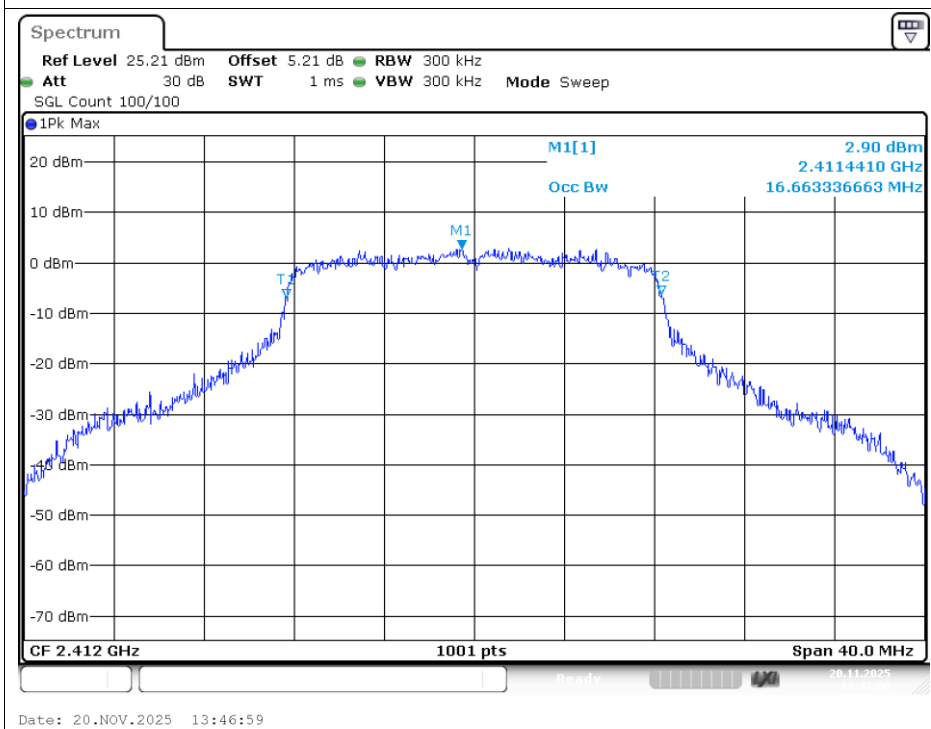
OBW NVNT b 2442MHz Ant1



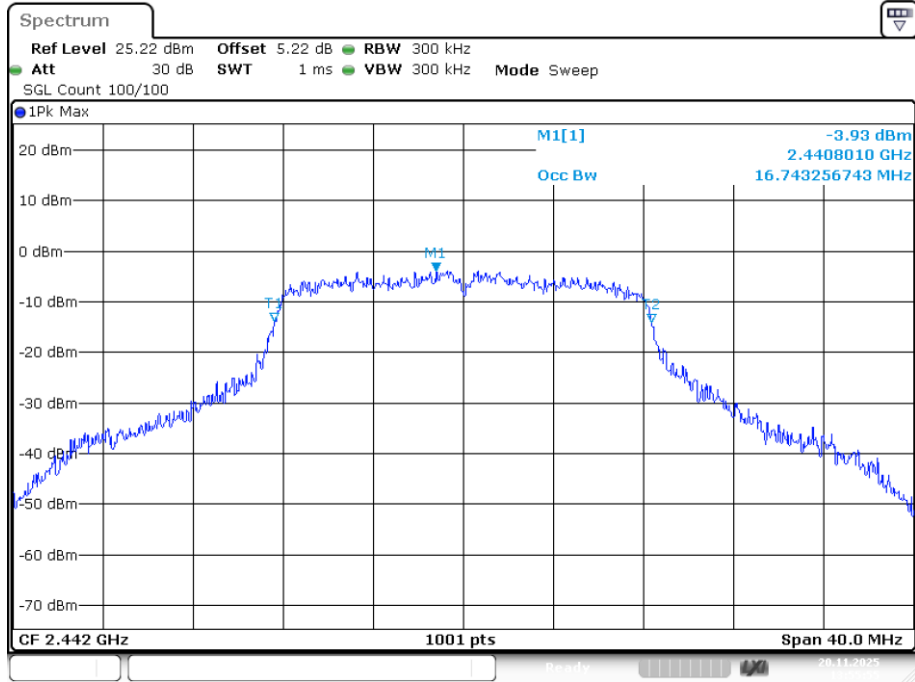
OBW NVNT b 2472MHz Ant1



OBW NVNT g 2412MHz Ant1

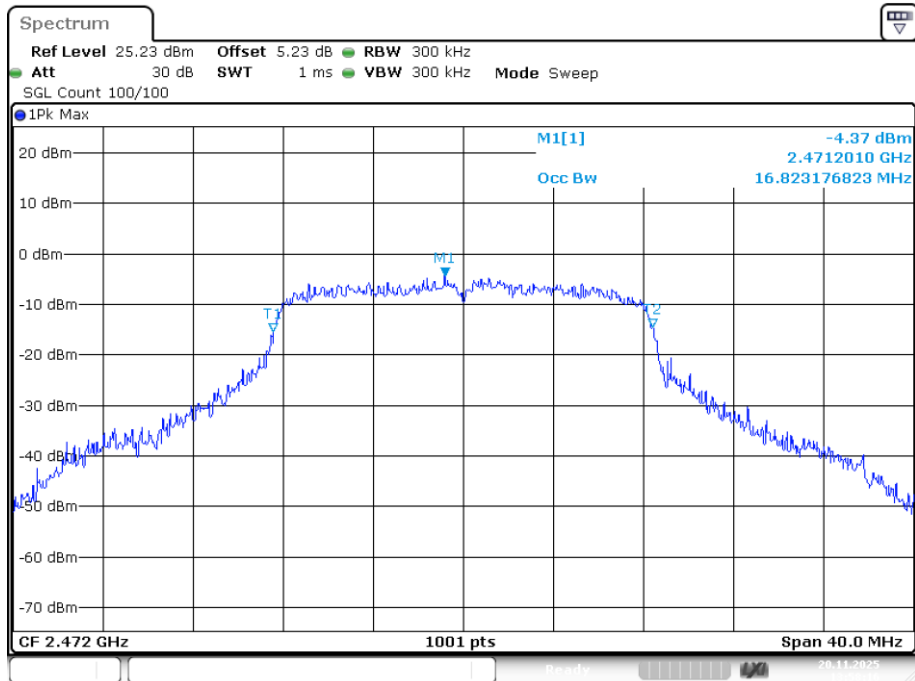


OBW NVNT g 2442MHz Ant1

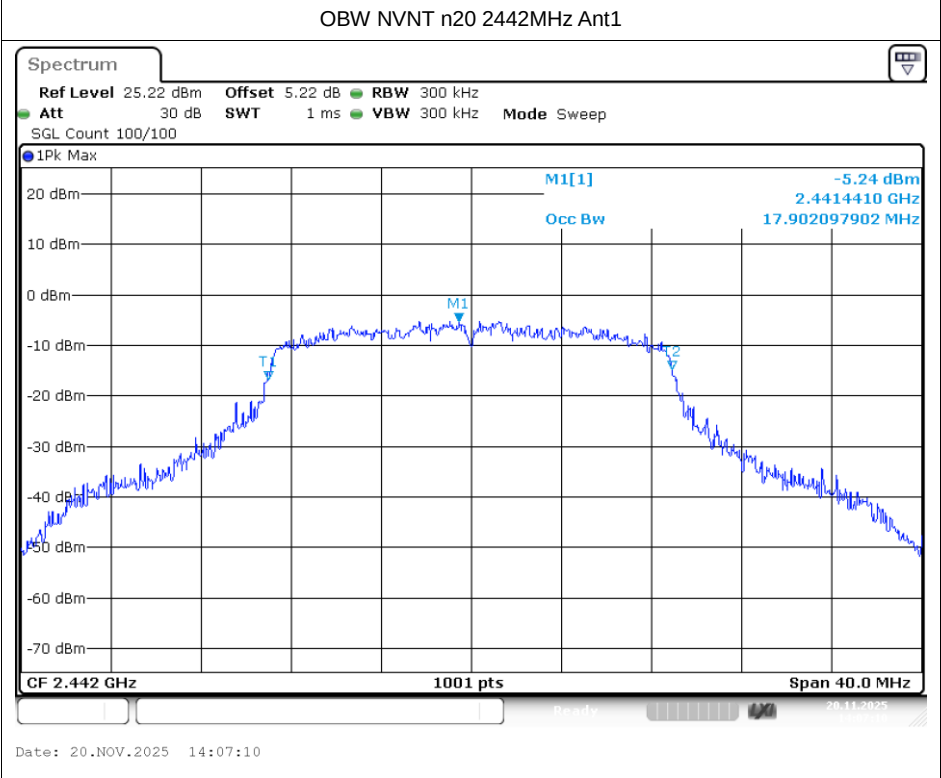
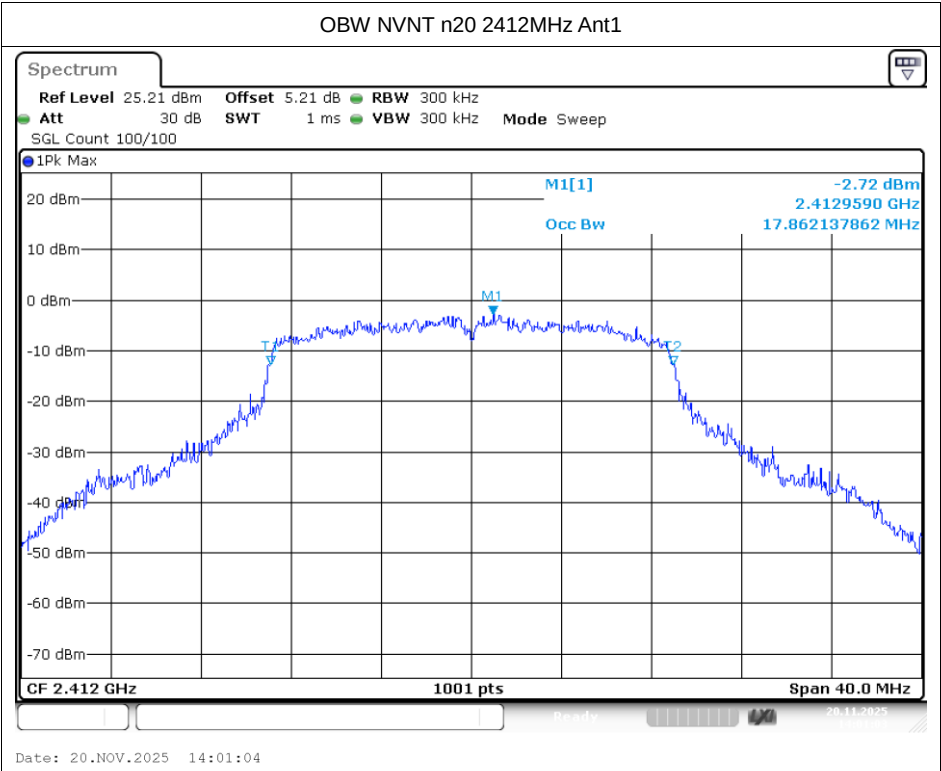


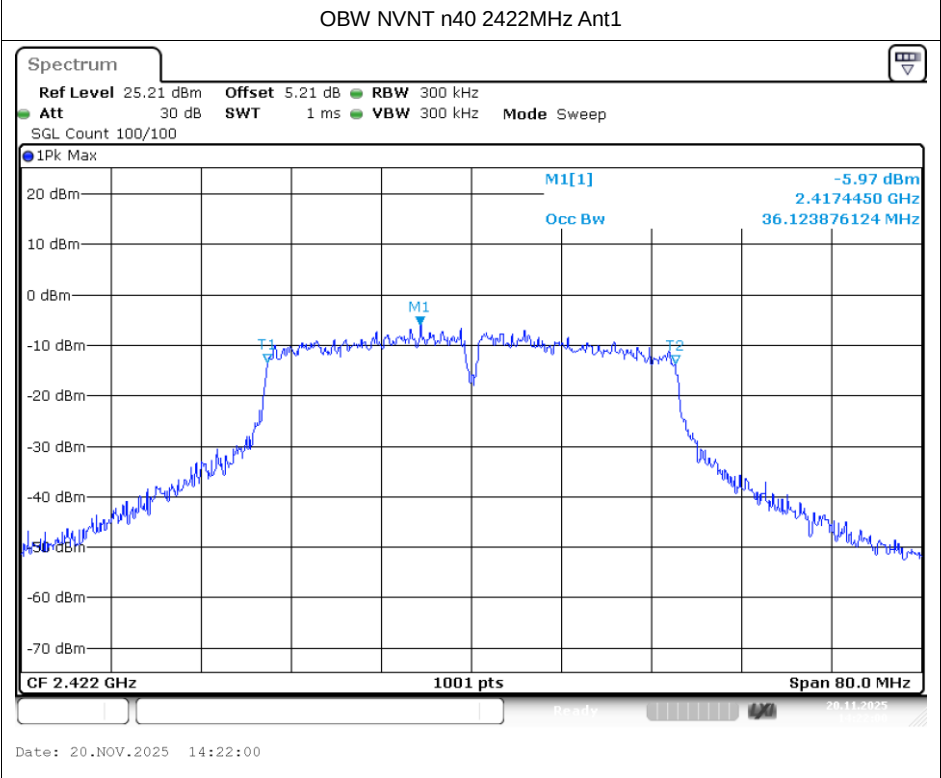
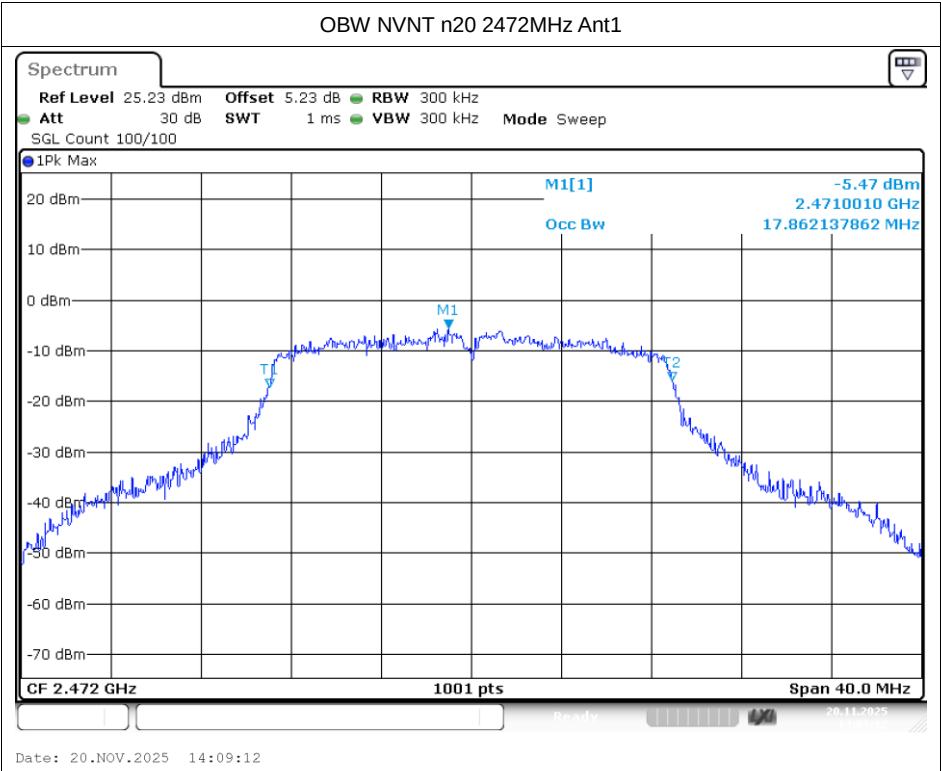
Date: 20.NOV.2025 13:55:55

OBW NVNT g 2472MHz Ant1

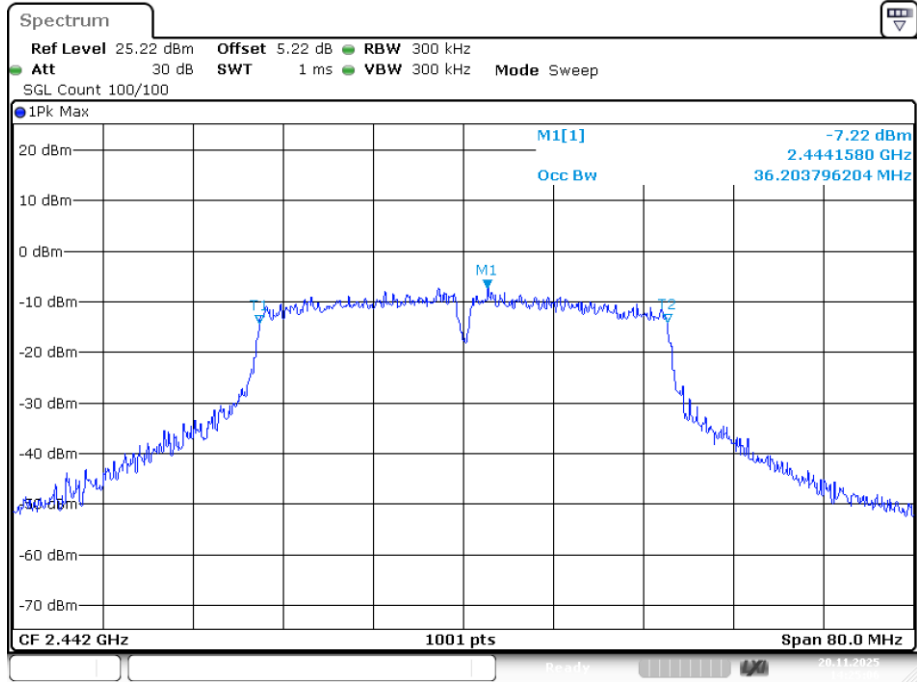


Date: 20.NOV.2025 13:58:17



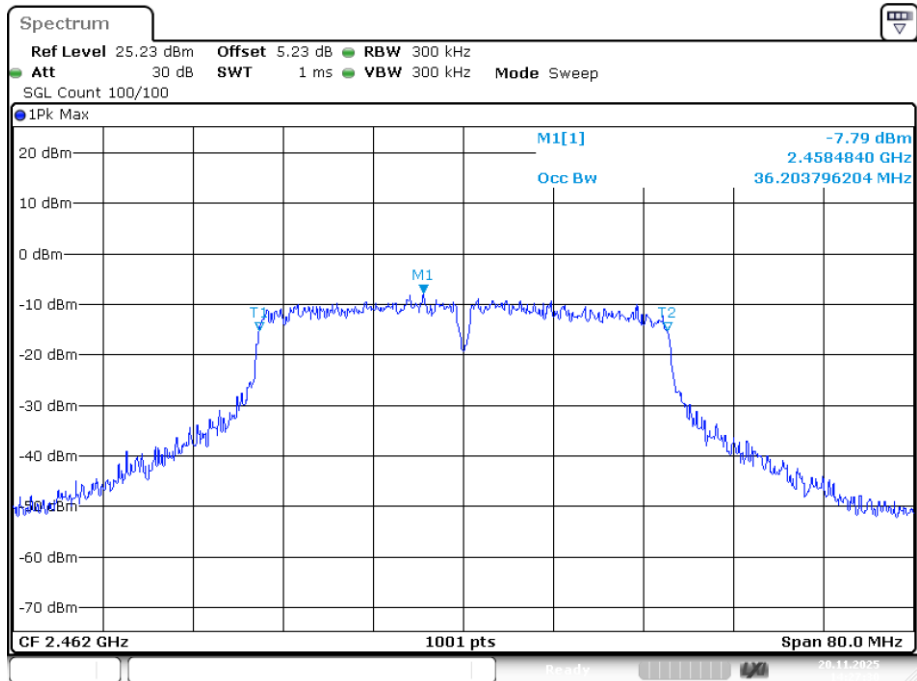


OBW NVNT n40 2442MHz Ant1



Date: 20.NOV.2025 14:25:06

OBW NVNT n40 2462MHz Ant1



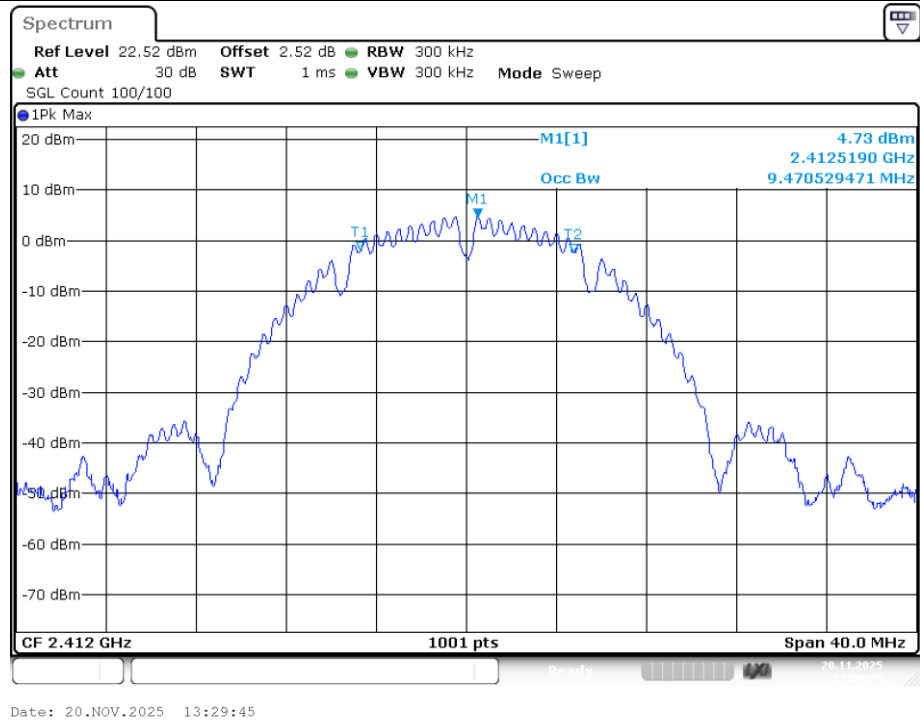
Date: 20.NOV.2025 14:27:31

Spreading Bandwidth

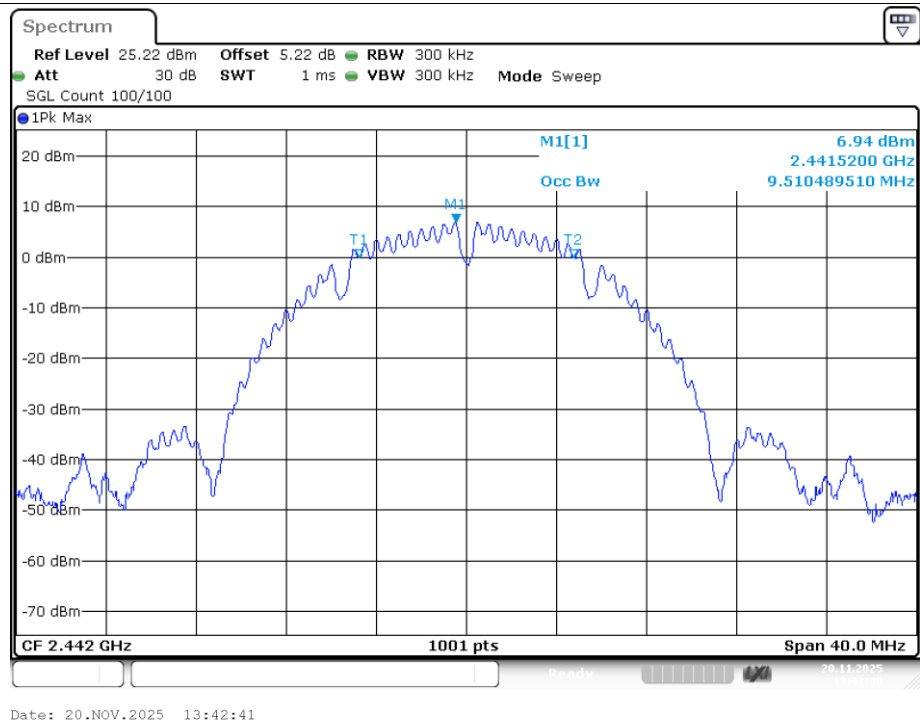
Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)
NVNT	b	2412	Ant1	9.471
NVNT	b	2442	Ant1	9.51
NVNT	b	2472	Ant1	9.51
NVNT	g	2412	Ant1	14.066
NVNT	g	2442	Ant1	14.066
NVNT	g	2472	Ant1	14.226
NVNT	n20	2412	Ant1	14.945
NVNT	n20	2442	Ant1	15.025
NVNT	n20	2472	Ant1	15.065
NVNT	n40	2422	Ant1	31.169
NVNT	n40	2442	Ant1	31.489
NVNT	n40	2462	Ant1	31.808

Test Graphs

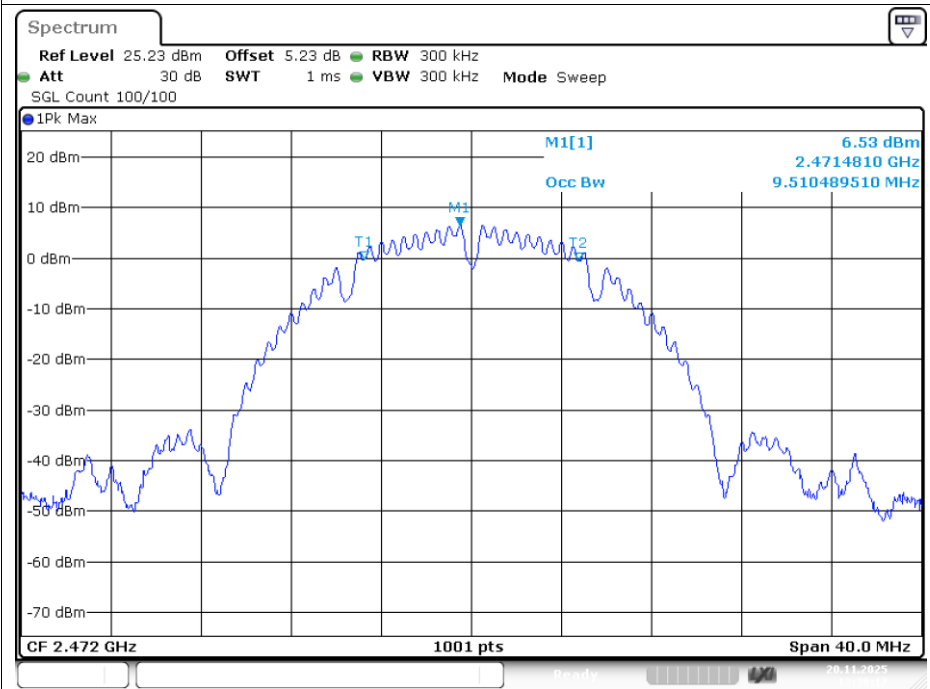
Spreading Bandwidth NVNT b 2412MHz Ant1



Spreading Bandwidth NVNT b 2442MHz Ant1

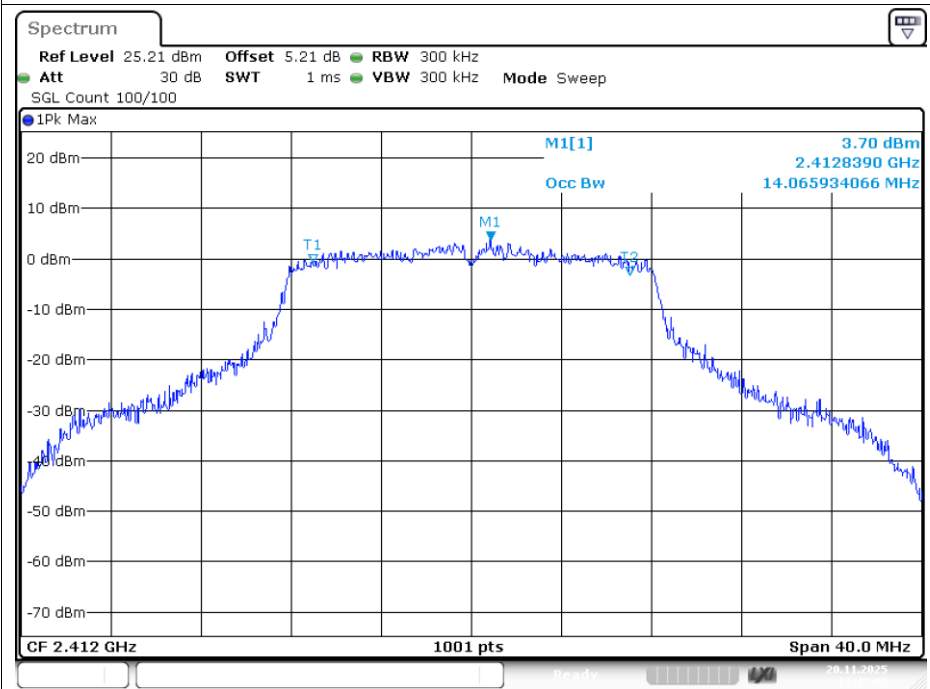


Spreading Bandwidth NVNT b 2472MHz Ant1



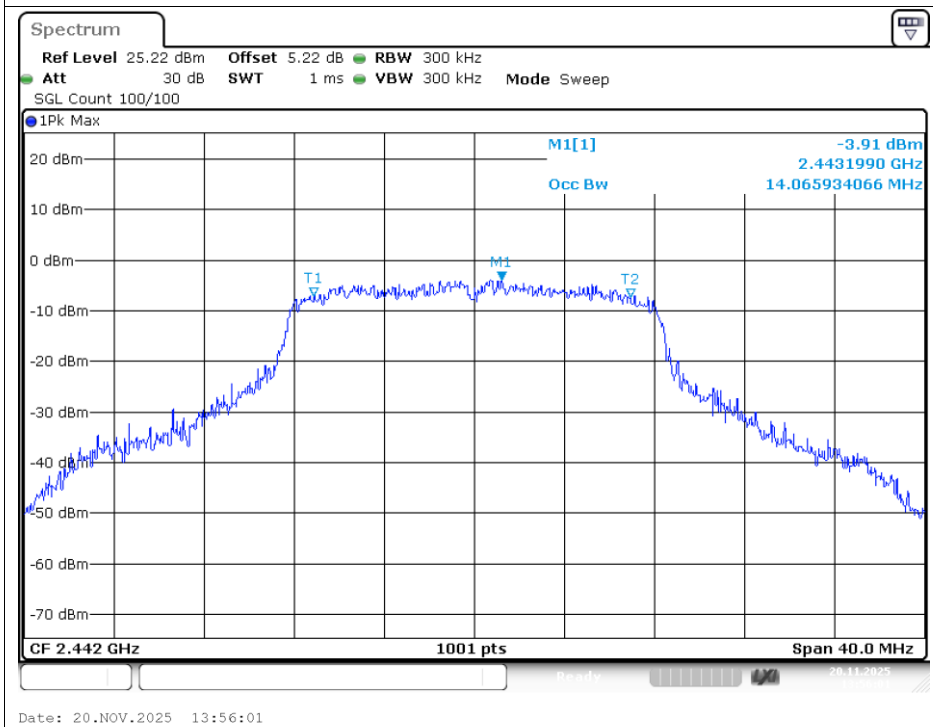
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Spreading Bandwidth NVNT g 2412MHz Ant1

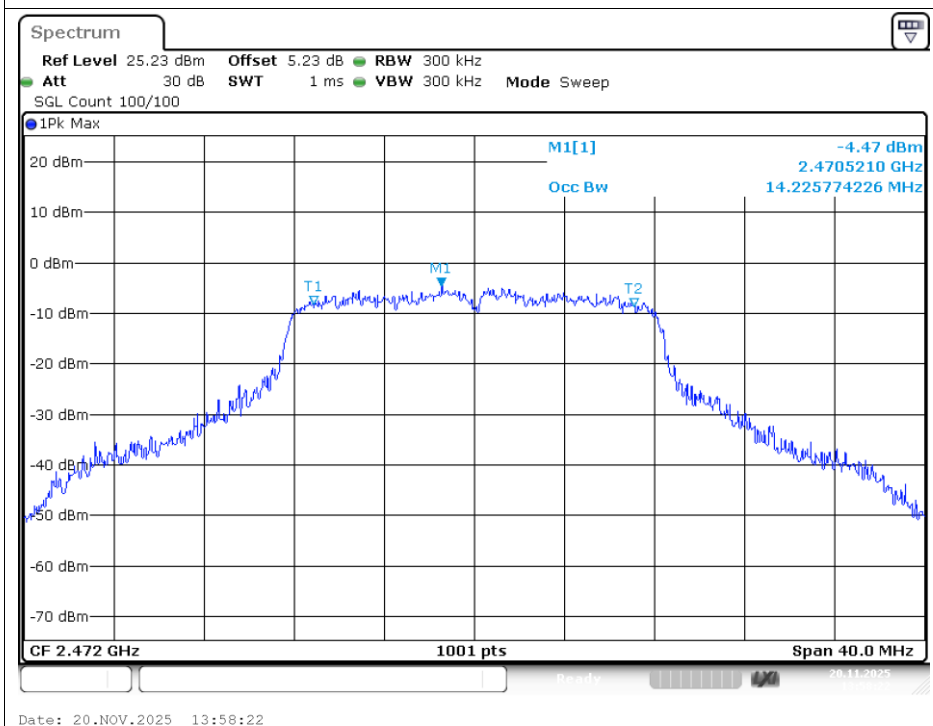


Date: 20.NOV.2025 13:47:05

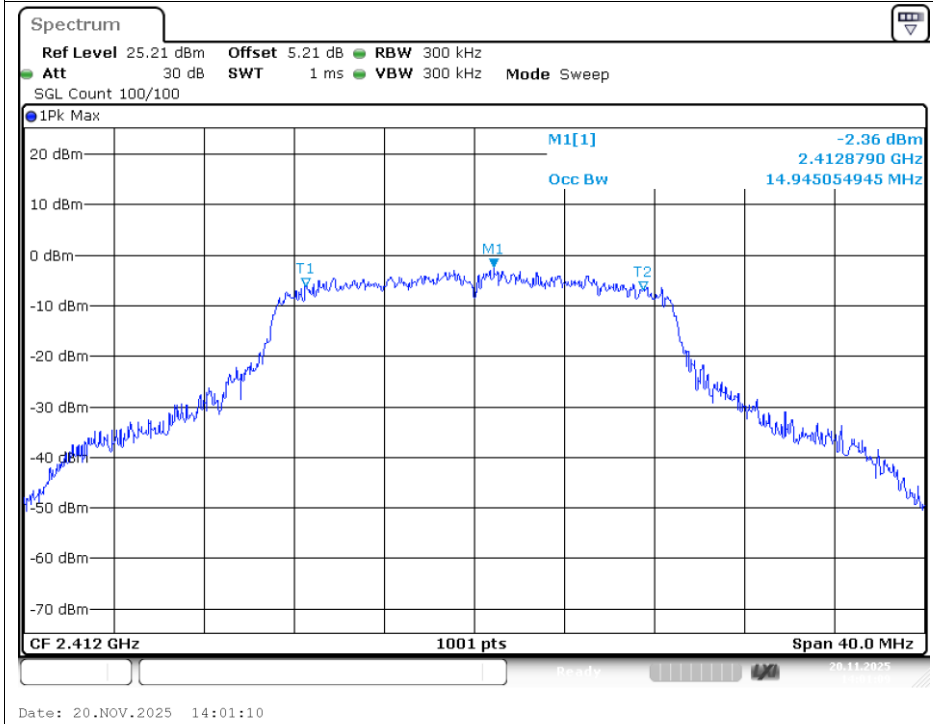
Spreading Bandwidth NVNT g 2442MHz Ant1



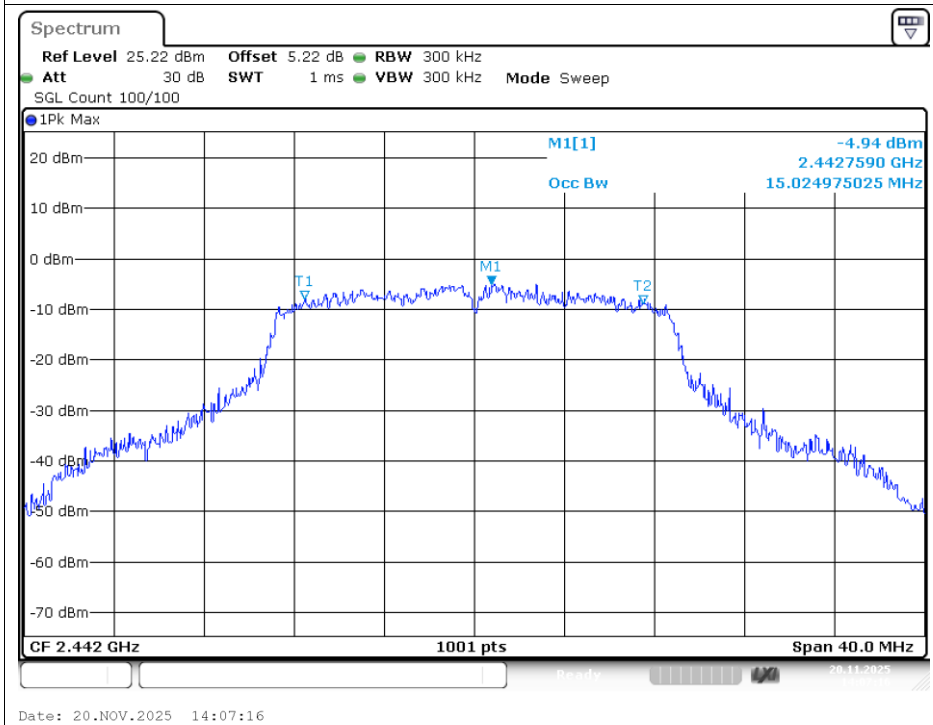
Spreading Bandwidth NVNT g 2472MHz Ant1



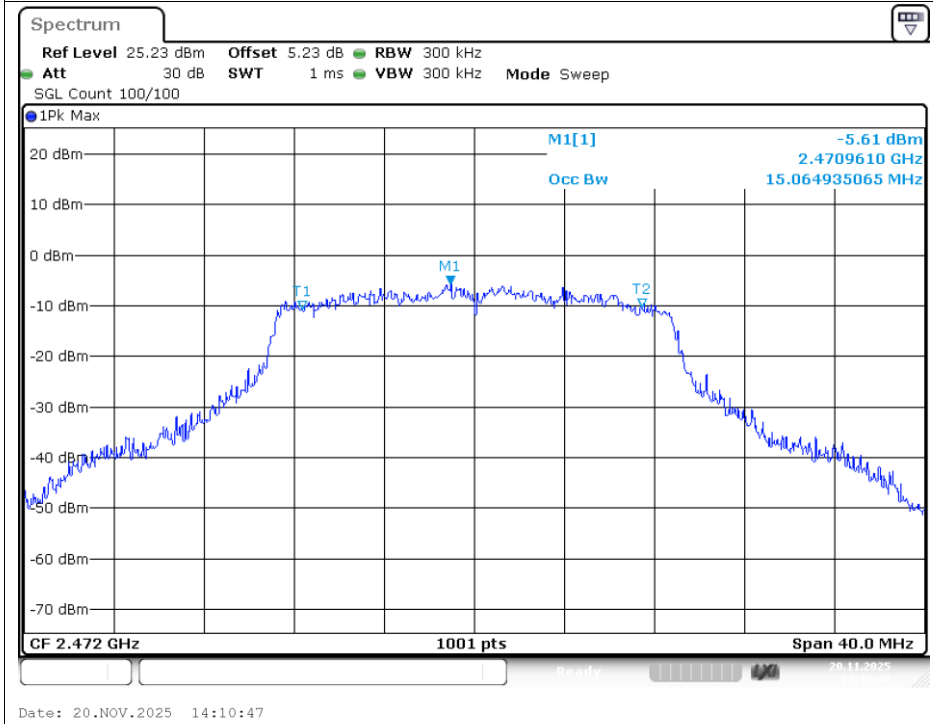
Spreading Bandwidth NVNT n20 2412MHz Ant1



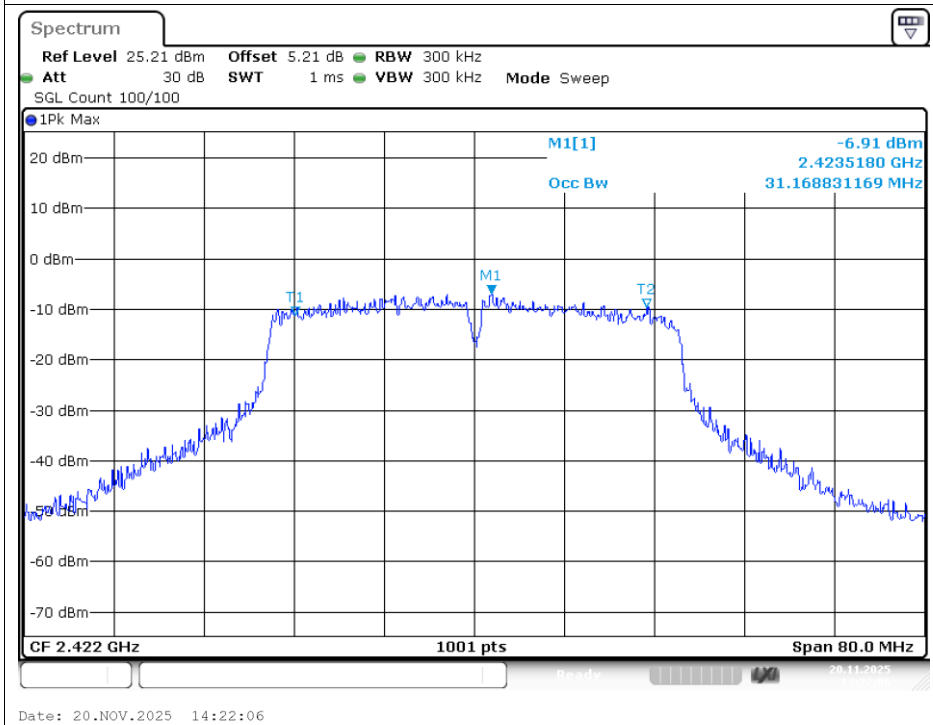
Spreading Bandwidth NVNT n20 2442MHz Ant1



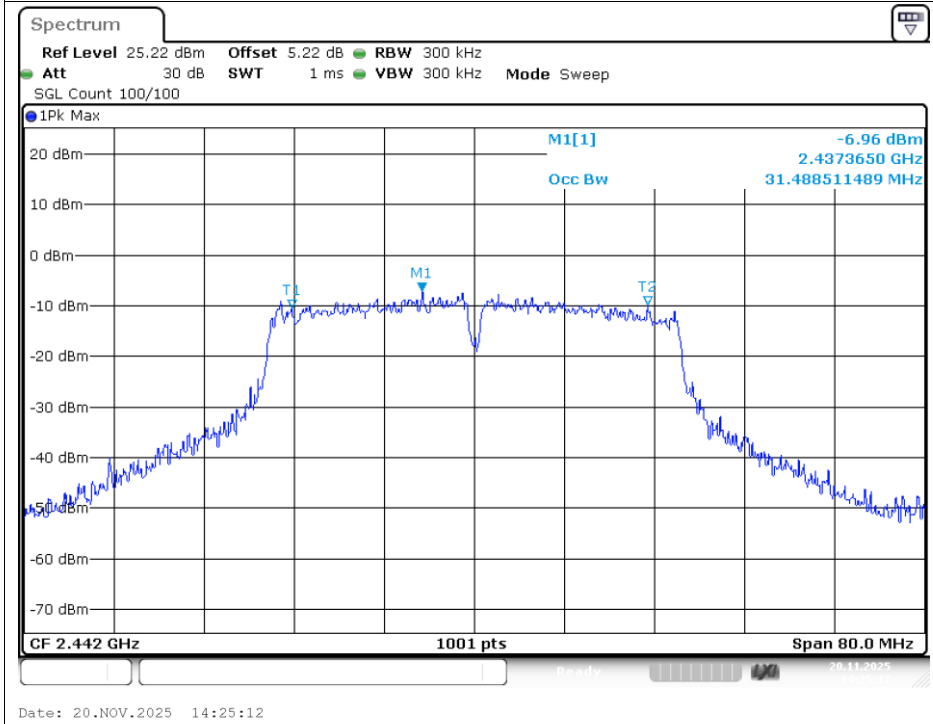
Spreading Bandwidth NVNT n20 2472MHz Ant1



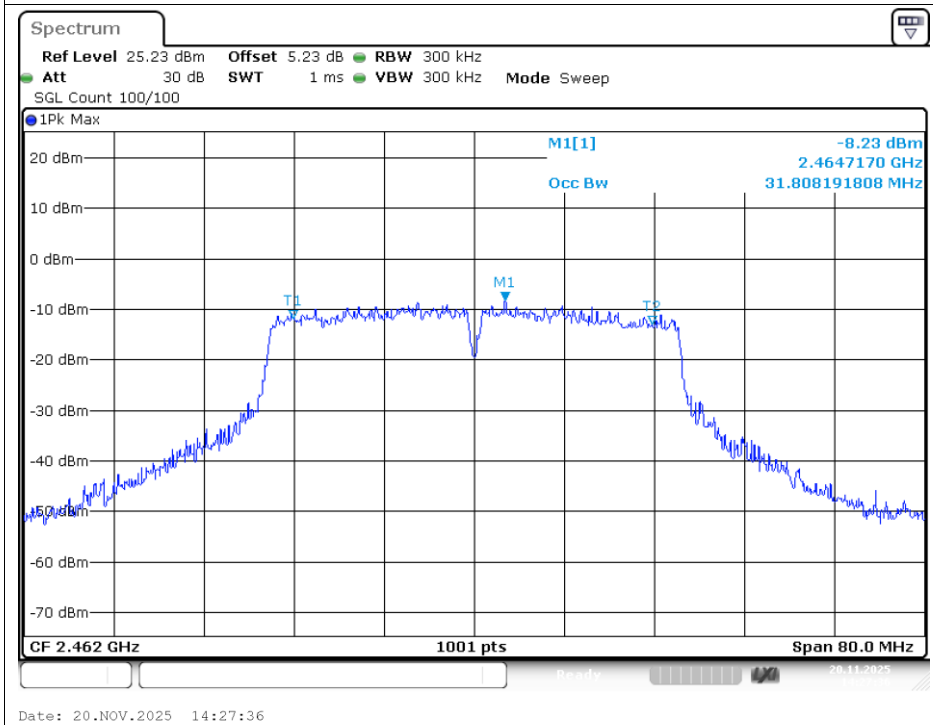
Spreading Bandwidth NVNT n40 2422MHz Ant1



Spreading Bandwidth NVNT n40 2442MHz Ant1



Spreading Bandwidth NVNT n40 2462MHz Ant1



Tx Spurious Emission

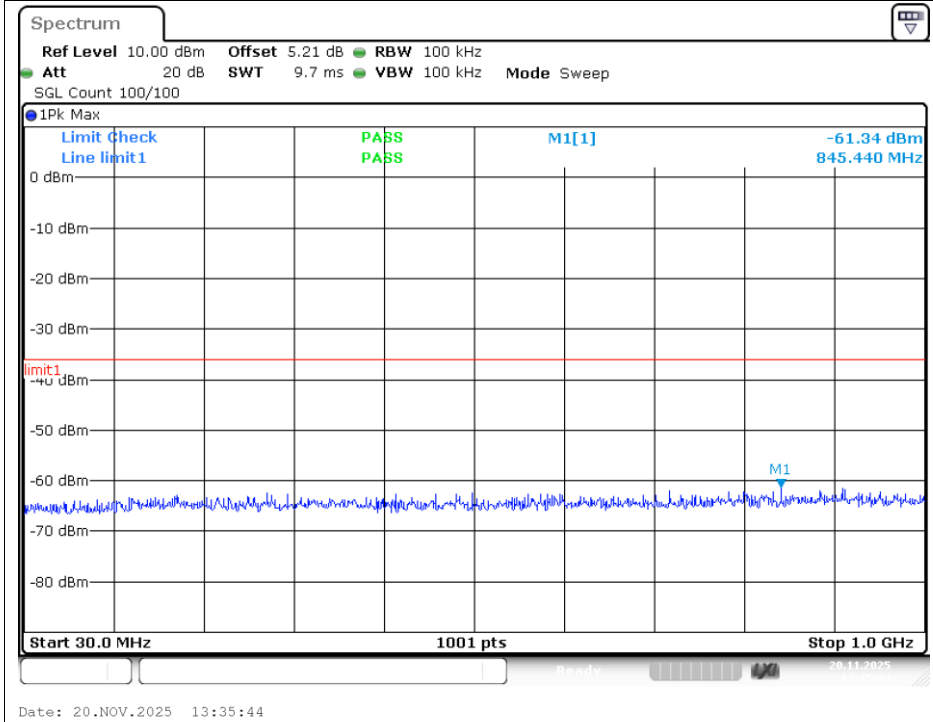
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm/100kHz)	Limit Start(dBm/100kHz)	Limit Stop (dBm/100kHz)	Verdict
NVNT	b	2412	Ant1	30-1000	845.44	-61.34	-36	-36	Pass
NVNT	b	2442	Ant1	30-1000	963.66	-60.86	-36	-36	Pass
NVNT	b	2472	Ant1	30-1000	863.85	-61.23	-36	-36	Pass
NVNT	g	2412	Ant1	30-1000	466.55	-61.57	-36	-36	Pass
NVNT	g	2442	Ant1	30-1000	950.09	-60.47	-36	-36	Pass
NVNT	g	2472	Ant1	30-1000	924.9	-61.25	-36	-36	Pass
NVNT	n20	2412	Ant1	30-1000	848.35	-60.67	-36	-36	Pass
NVNT	n20	2442	Ant1	30-1000	800.86	-61.87	-36	-36	Pass
NVNT	n20	2472	Ant1	30-1000	927.81	-61.48	-36	-36	Pass
NVNT	n40	2422	Ant1	30-1000	576.05	-60.96	-36	-36	Pass
NVNT	n40	2442	Ant1	30-1000	900.67	-61.63	-36	-36	Pass
NVNT	n40	2462	Ant1	30-1000	303.75	-61.96	-36	-36	Pass

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm/MHz)	Limit Start(dBm/MHz)	Limit Stop (dBm/MHz)	Verdict
NVNT	b	2412	Ant1	1000-2387	2386.3	-44.06	-26	-26	Pass
NVNT	b	2412	Ant1	2387-2400	2398.96	-31.02	-16	-16	Pass
NVNT	b	2412	Ant1	2483.5-2496.5	2493.29	-51.14	-16	-16	Pass
NVNT	b	2412	Ant1	2496.5-13000	4820.5	-46.45	-26	-26	Pass
NVNT	b	2442	Ant1	1000-2387	2386.3	-50.58	-26	-26	Pass
NVNT	b	2442	Ant1	2387-2400	2399.34	-49.71	-16	-16	Pass
NVNT	b	2442	Ant1	2483.5-2496.5	2495.36	-50.49	-16	-16	Pass
NVNT	b	2442	Ant1	2496.5-13000	4883.5	-44.6	-26	-26	Pass
NVNT	b	2472	Ant1	1000-2387	2357.2	-51.5	-26	-26	Pass
NVNT	b	2472	Ant1	2387-2400	2391.6	-50.18	-16	-16	Pass
NVNT	b	2472	Ant1	2483.5-2496.5	2484.7	-31.95	-16	-16	Pass
NVNT	b	2472	Ant1	2496.5-13000	4946.5	-42.36	-26	-26	Pass
NVNT	g	2412	Ant1	1000-2387	2386.3	-43.86	-26	-26	Pass
NVNT	g	2412	Ant1	2387-2400	2399.9	-18.43	-16	-16	Pass
NVNT	g	2412	Ant1	2483.5-2496.5	2489.53	-52.51	-16	-16	Pass
NVNT	g	2412	Ant1	2496.5-13000	6950.5	-47.45	-26	-26	Pass
NVNT	g	2442	Ant1	1000-2387	2371.1	-51.94	-26	-26	Pass
NVNT	g	2442	Ant1	2387-2400	2390.1	-52.47	-16	-16	Pass
NVNT	g	2442	Ant1	2483.5-2496.5	2494.67	-51.88	-16	-16	Pass
NVNT	g	2442	Ant1	2496.5-13000	6677.5	-46.6	-26	-26	Pass
NVNT	g	2472	Ant1	1000-2387	2132.7	-52.36	-26	-26	Pass
NVNT	g	2472	Ant1	2387-2400	2394.6	-50.14	-16	-16	Pass
NVNT	g	2472	Ant1	2483.5-2496.5	2483.58	-17.97	-16	-16	Pass
NVNT	g	2472	Ant1	2496.5-13000	6971.5	-46.88	-26	-26	Pass
NVNT	n20	2412	Ant1	1000-2387	2380.8	-51.03	-26	-26	Pass
NVNT	n20	2412	Ant1	2387-2400	2399.44	-17.71	-16	-16	Pass
NVNT	n20	2412	Ant1	2483.5-2496.5	2492.66	-51.8	-16	-16	Pass
NVNT	n20	2412	Ant1	2496.5-13000	6982.5	-45.85	-26	-26	Pass
NVNT	n20	2442	Ant1	1000-2387	2353.1	-51.68	-26	-26	Pass
NVNT	n20	2442	Ant1	2387-2400	2393.54	-50.96	-16	-16	Pass
NVNT	n20	2442	Ant1	2483.5-2496.5	2487.97	-51.56	-16	-16	Pass
NVNT	n20	2442	Ant1	2496.5-13000	6971.5	-46.29	-26	-26	Pass
NVNT	n20	2472	Ant1	1000-2387	2243.6	-51.88	-26	-26	Pass
NVNT	n20	2472	Ant1	2387-2400	2390.01	-51.02	-16	-16	Pass
NVNT	n20	2472	Ant1	2483.5-2496.5	2484.01	-18.44	-16	-16	Pass
NVNT	n20	2472	Ant1	2496.5-13000	6877.5	-46.78	-26	-26	Pass
NVNT	n40	2422	Ant1	1000-2387	2386.3	-39.86	-26	-26	Pass
NVNT	n40	2422	Ant1	2387-2400	2399.99	-19.53	-16	-16	Pass
NVNT	n40	2422	Ant1	2483.5-2496.5	2484.79	-52.52	-16	-16	Pass

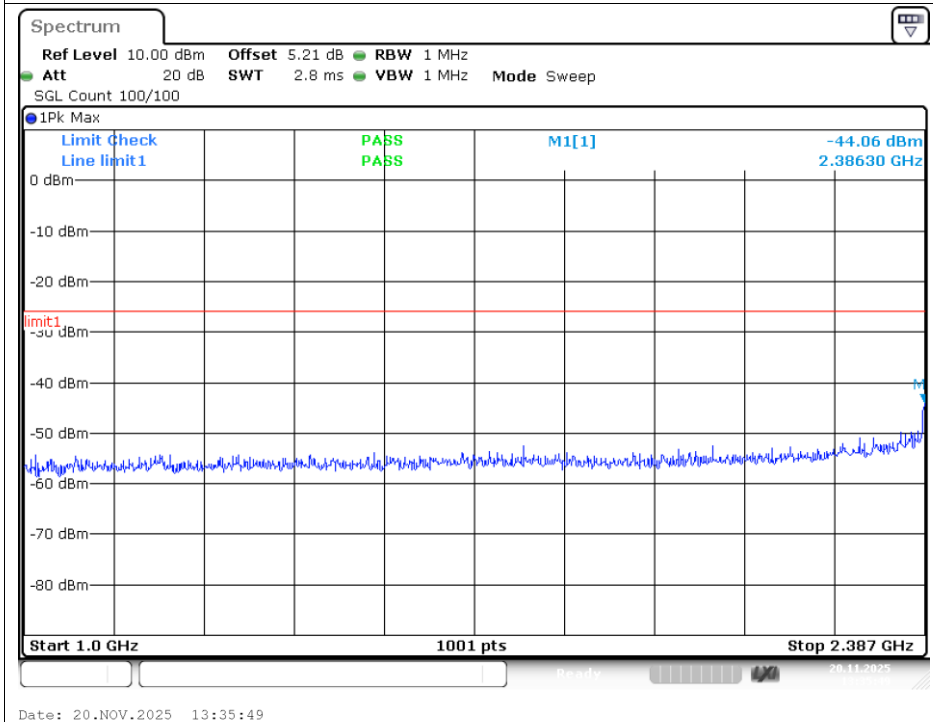
NVNT	n40	2422	Ant1	2496.5-13000	6992.5	-46.35	-26	-26	Pass
NVNT	n40	2442	Ant1	1000-2387	2362.8	-51.13	-26	-26	Pass
NVNT	n40	2442	Ant1	2387-2400	2399.88	-44.83	-16	-16	Pass
NVNT	n40	2442	Ant1	2483.5-2496.5	2483.96	-45.46	-16	-16	Pass
NVNT	n40	2442	Ant1	2496.5-13000	6824.5	-46.35	-26	-26	Pass
NVNT	n40	2462	Ant1	1000-2387	2372.5	-51.84	-26	-26	Pass
NVNT	n40	2462	Ant1	2387-2400	2391.28	-48.64	-16	-16	Pass
NVNT	n40	2462	Ant1	2483.5-2496.5	2483.67	-21.64	-16	-16	Pass
NVNT	n40	2462	Ant1	2496.5-13000	2501.5	-41.37	-26	-26	Pass

Test Graphs

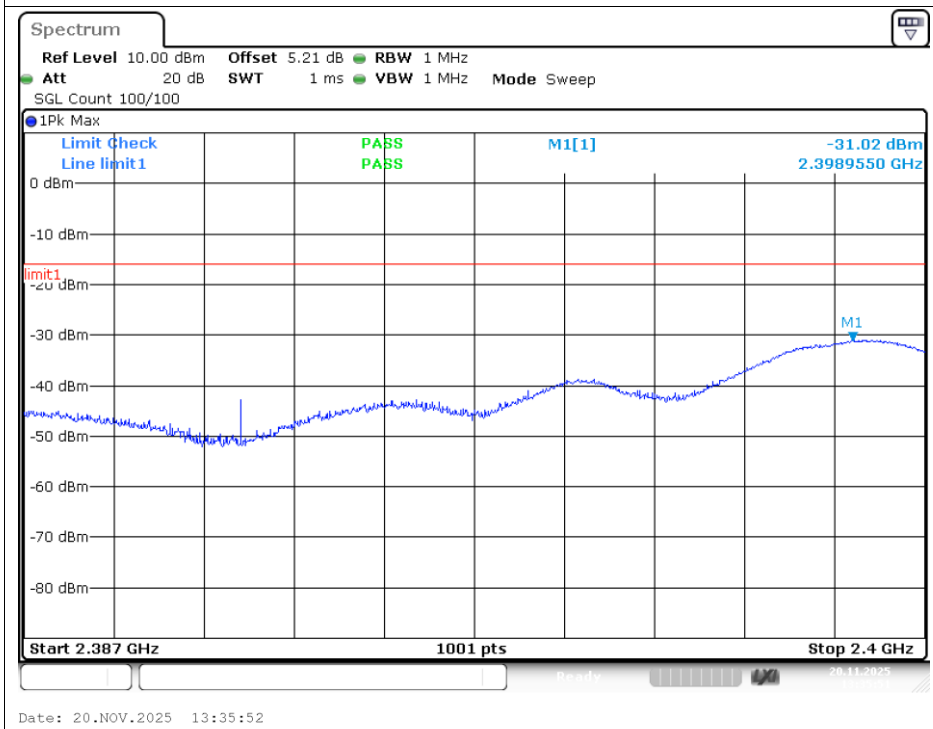
Tx. Spurious NVNT b 2412MHz Ant1 @ 30MHz-1000MHz



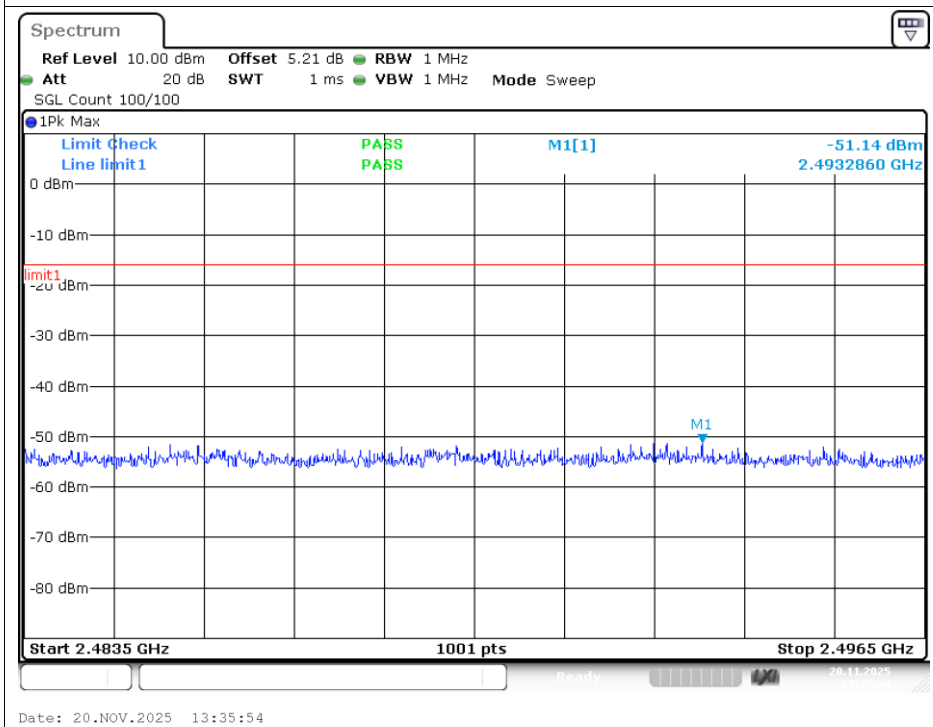
Tx. Spurious NVNT b 2412MHz Ant1 @ 1000MHz-2387MHz

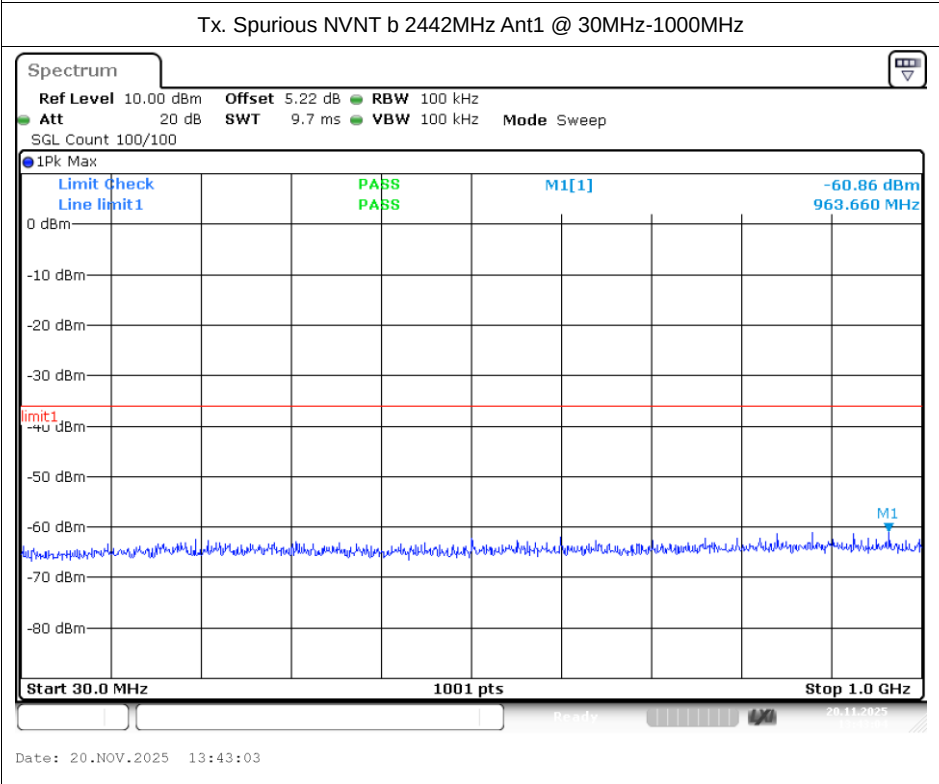
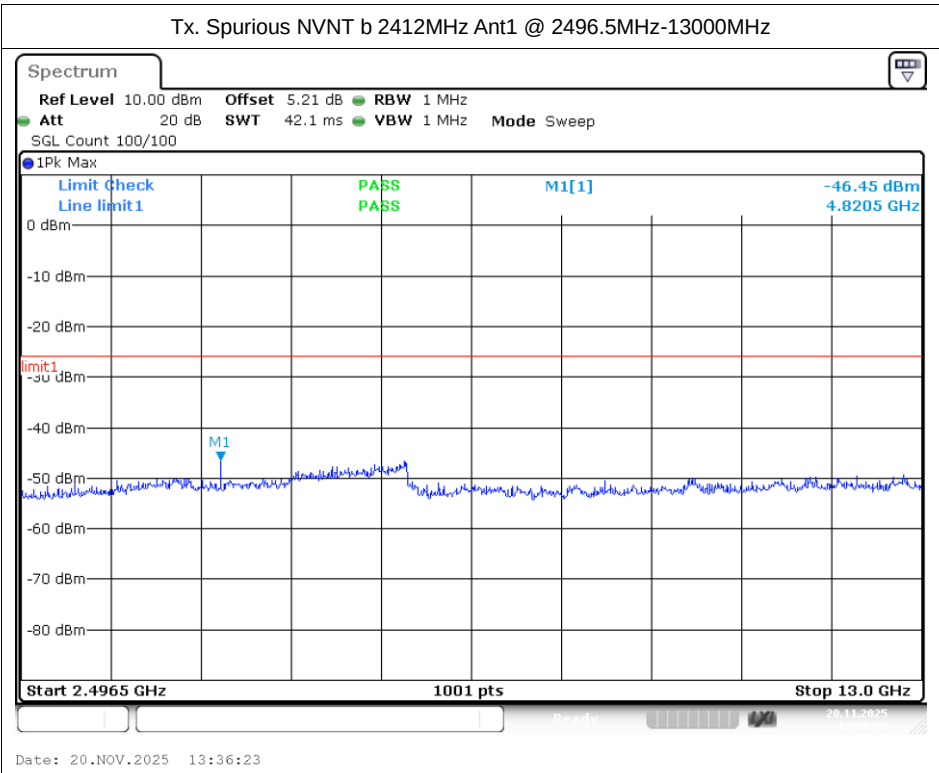


Tx. Spurious NVNT b 2412MHz Ant1 @ 2387MHz-2400MHz

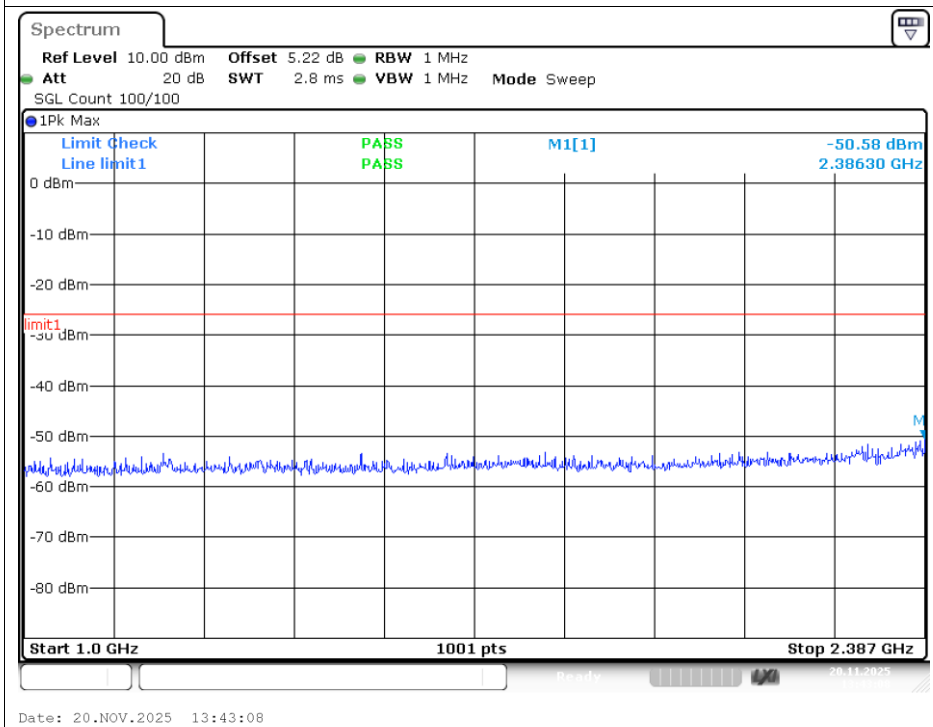


Tx. Spurious NVNT b 2412MHz Ant1 @ 2483.5MHz-2496.5MHz

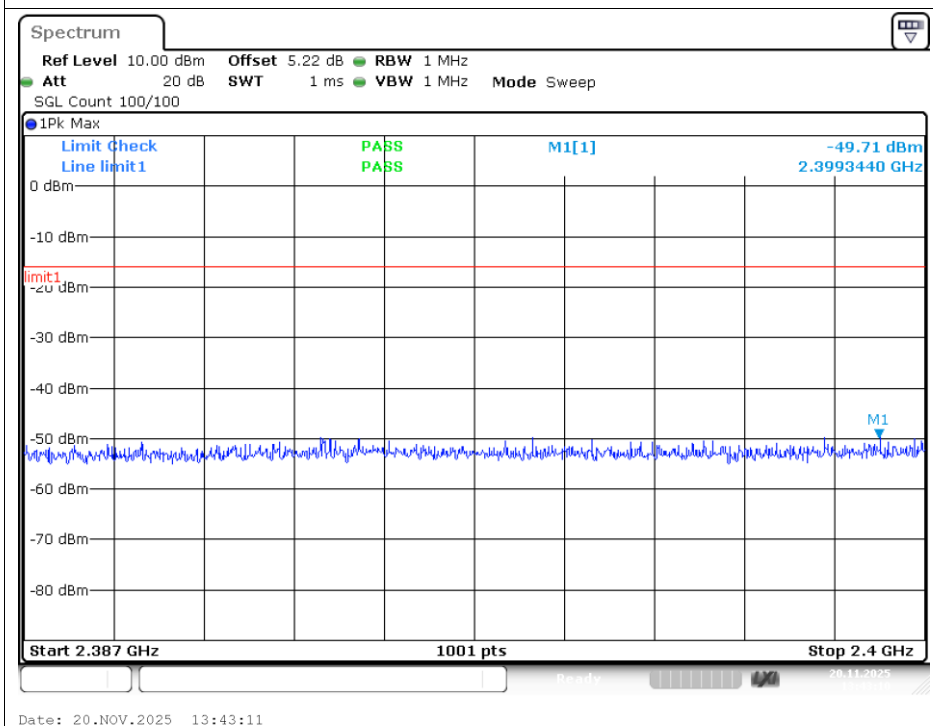


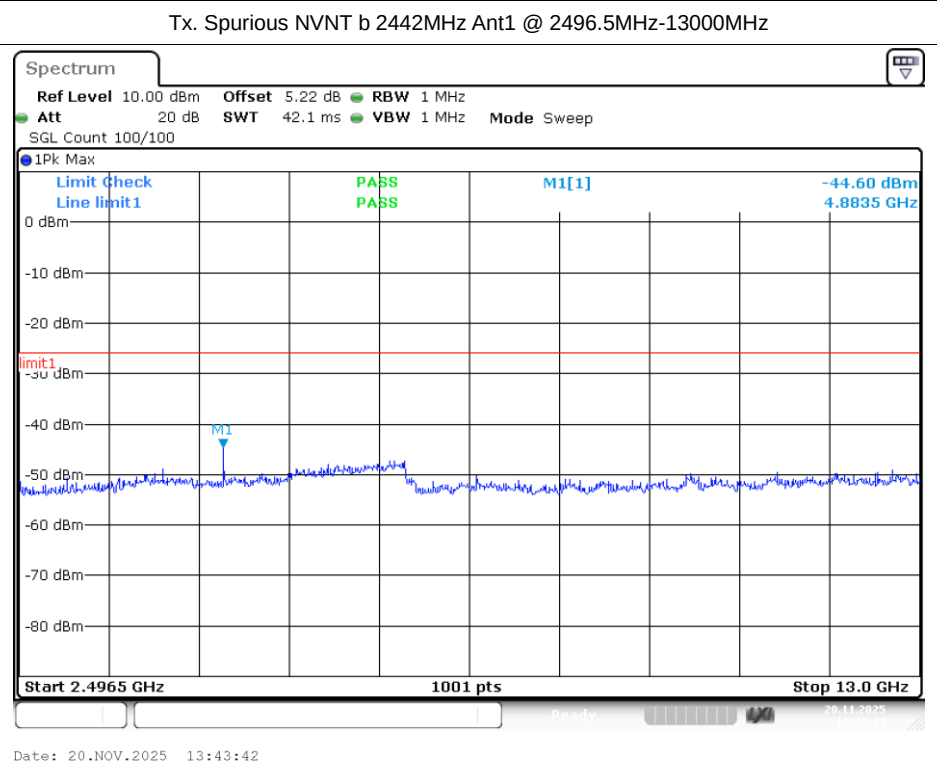
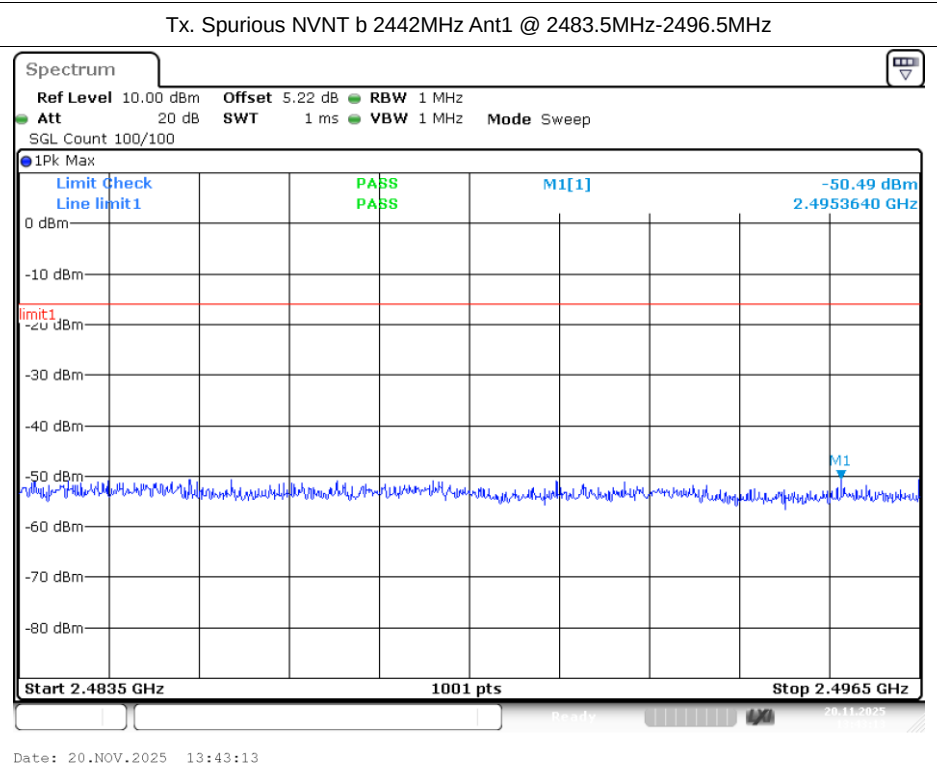


Tx. Spurious NVNT b 2442MHz Ant1 @ 1000MHz-2387MHz

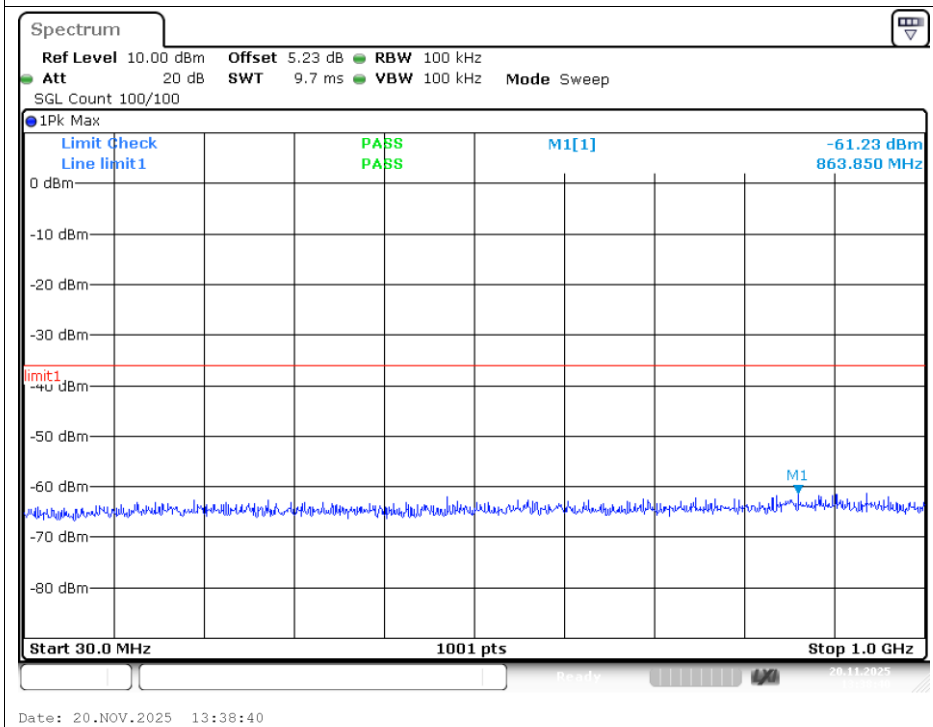


Tx. Spurious NVNT b 2442MHz Ant1 @ 2387MHz-2400MHz

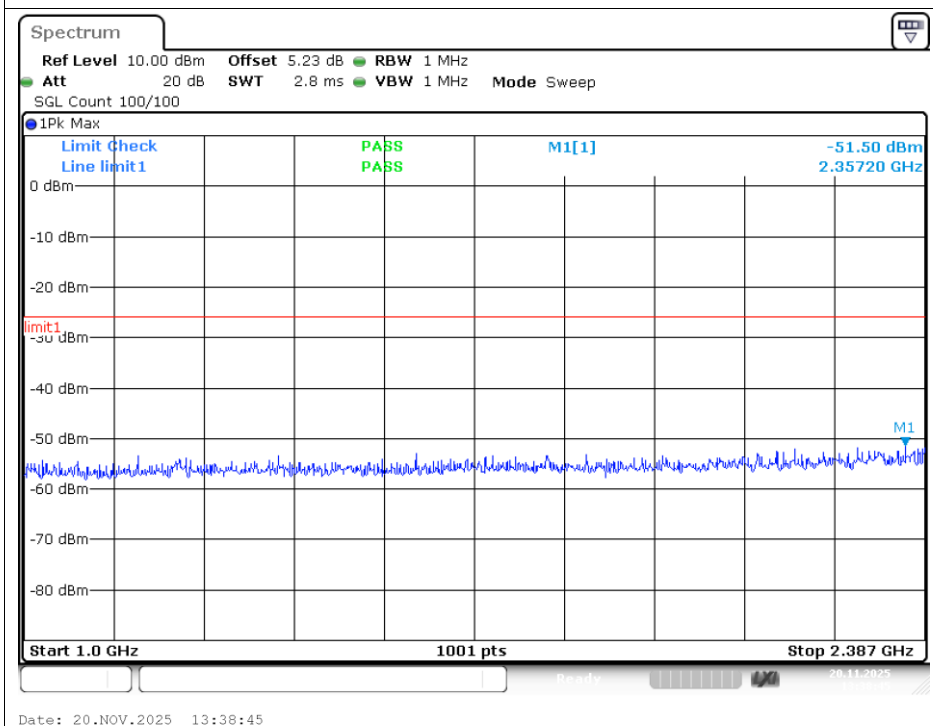




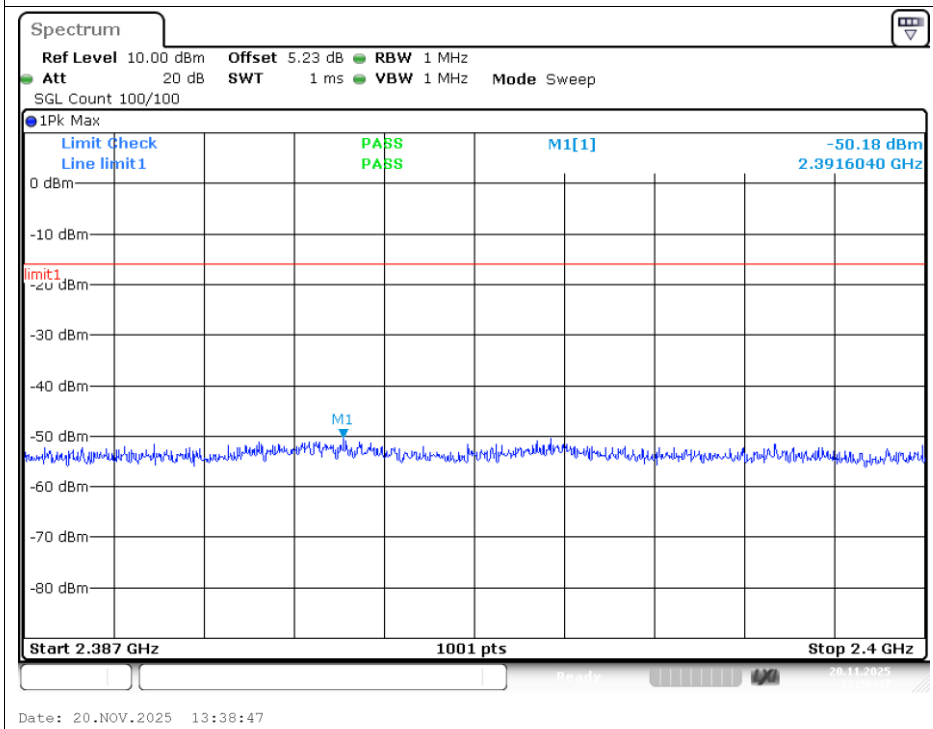
Tx. Spurious NVNT b 2472MHz Ant1 @ 30MHz-1000MHz



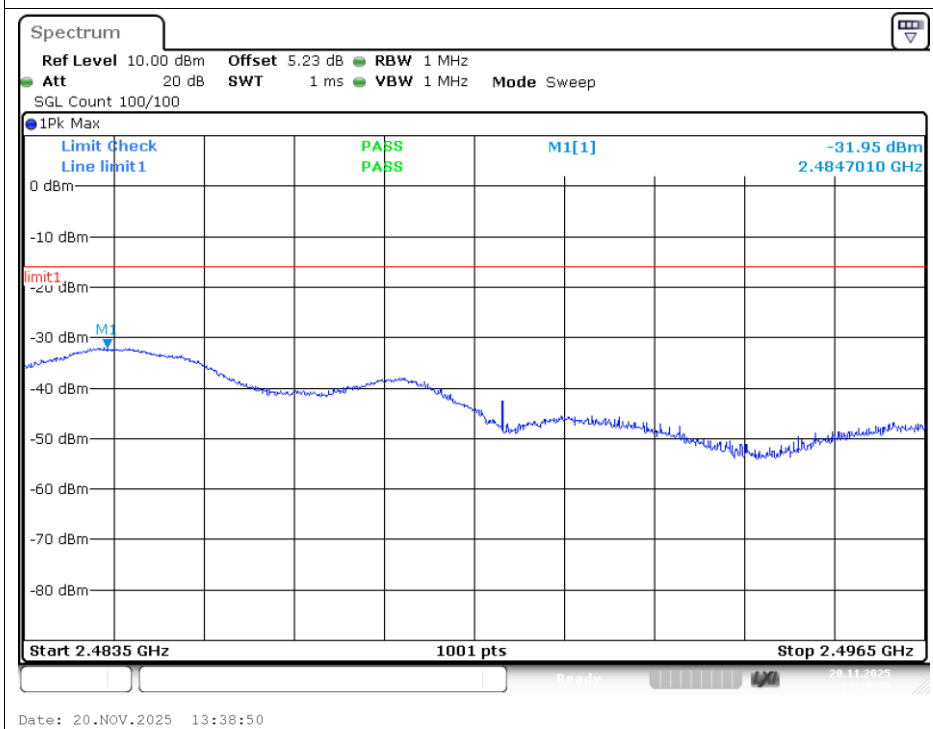
Tx. Spurious NVNT b 2472MHz Ant1 @ 1000MHz-2387MHz

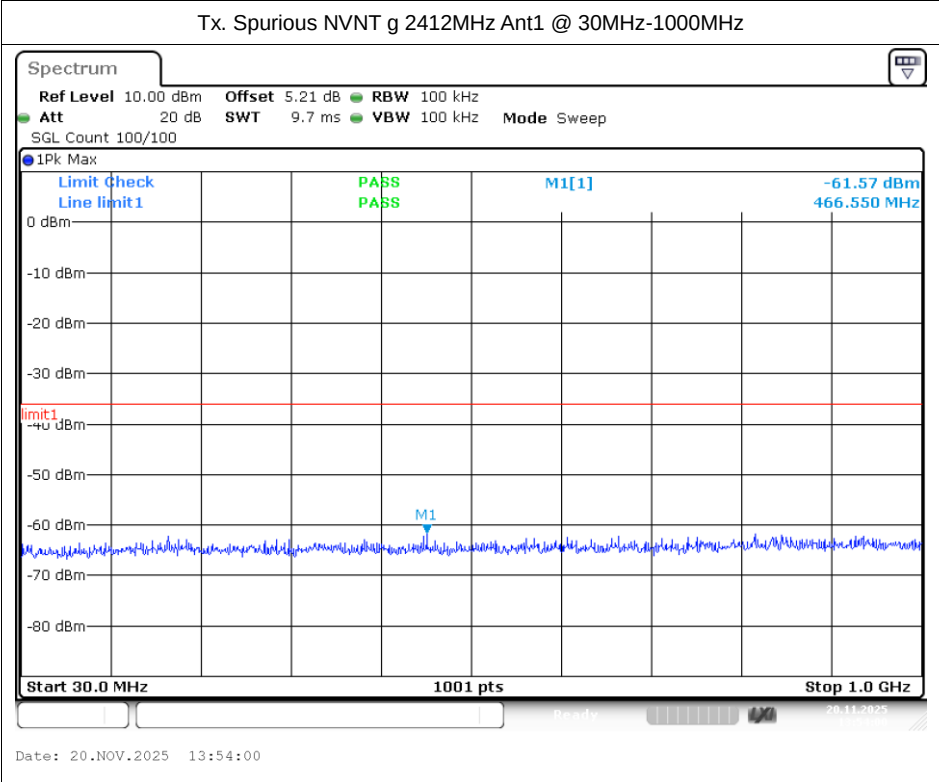
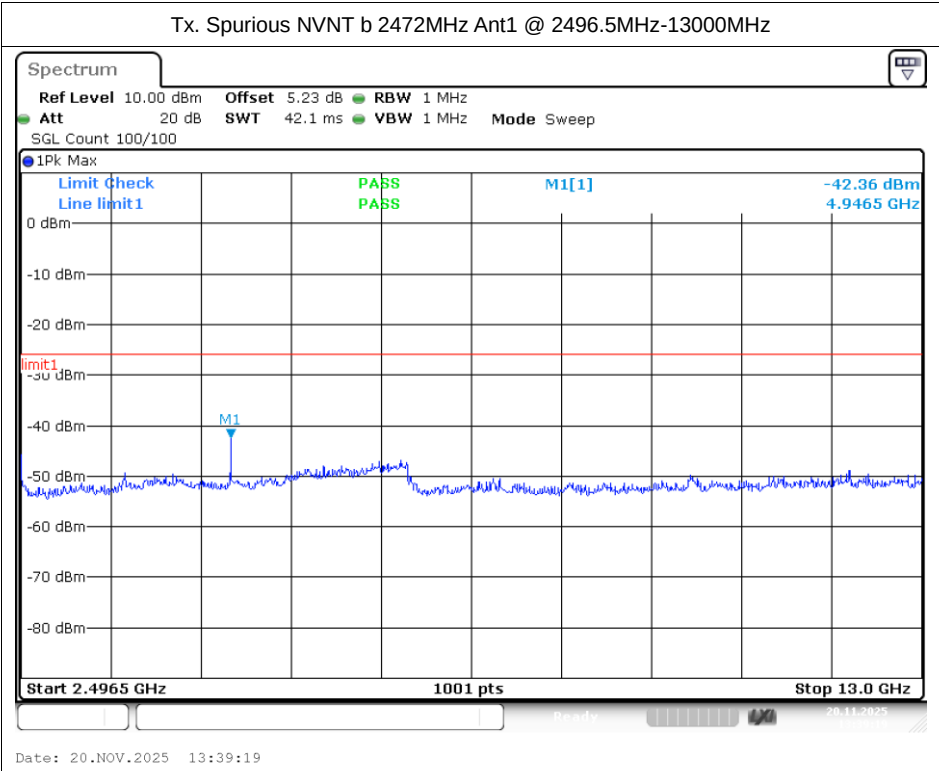


Tx. Spurious NVNT b 2472MHz Ant1 @ 2387MHz-2400MHz

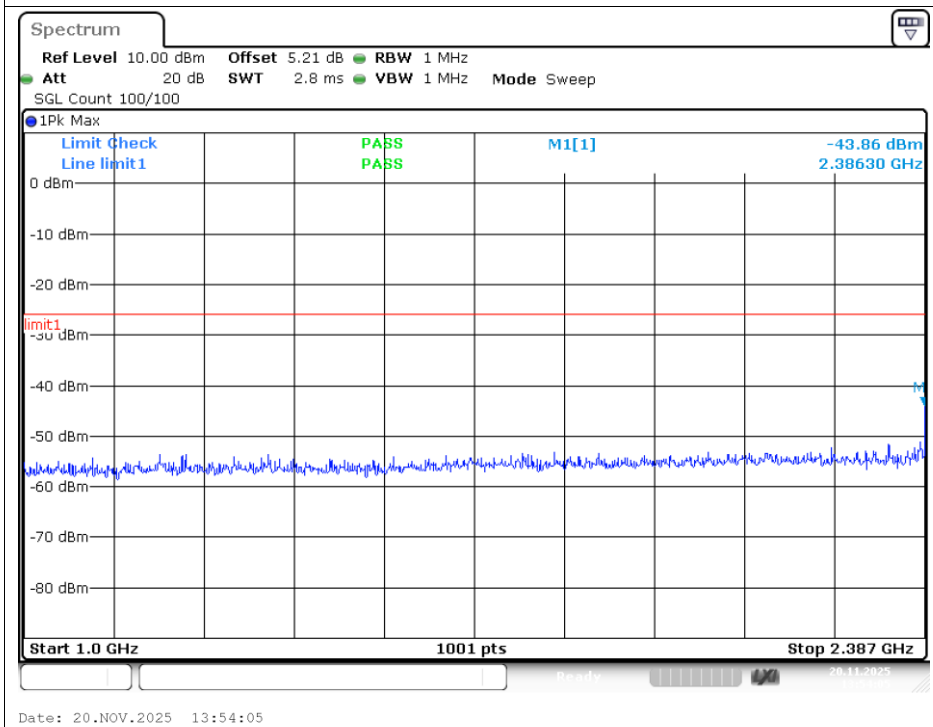


Tx. Spurious NVNT b 2472MHz Ant1 @ 2483.5MHz-2496.5MHz

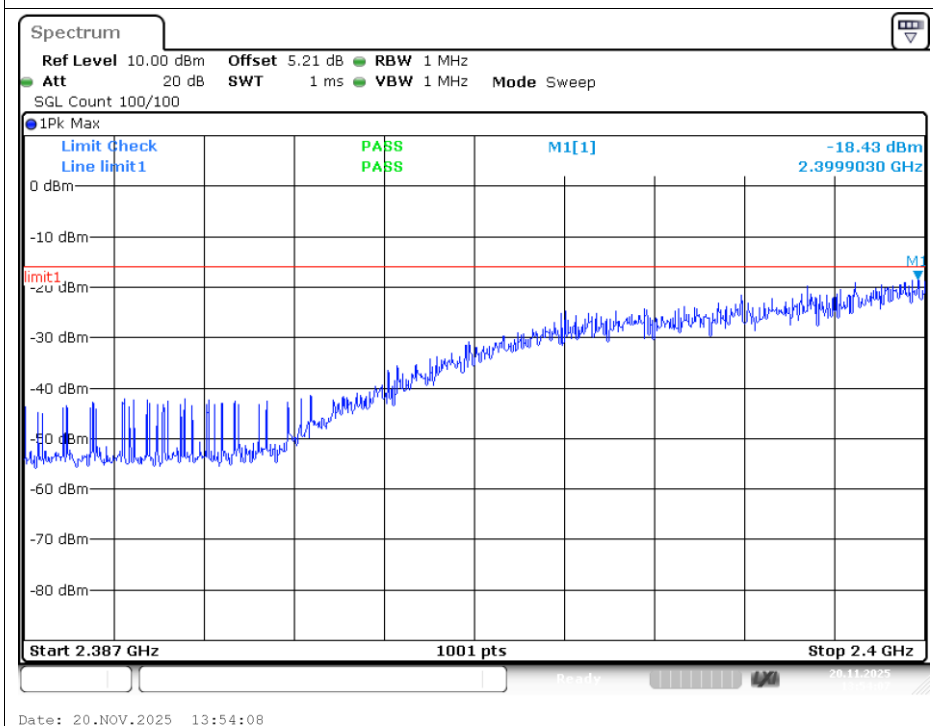


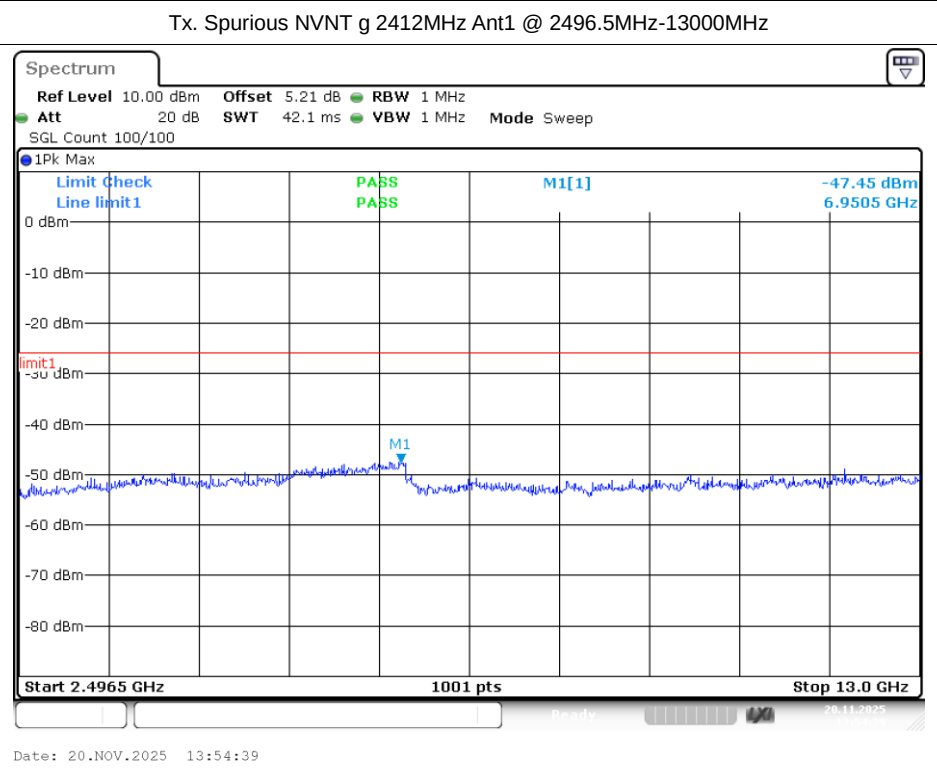
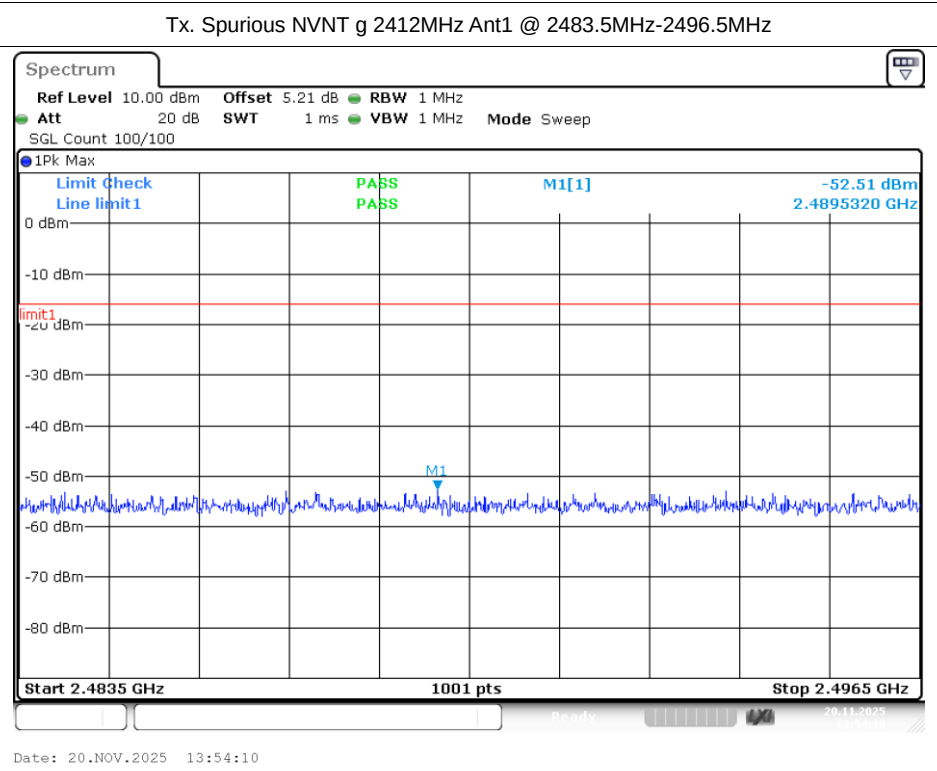


Tx. Spurious NVNT g 2412MHz Ant1 @ 1000MHz-2387MHz

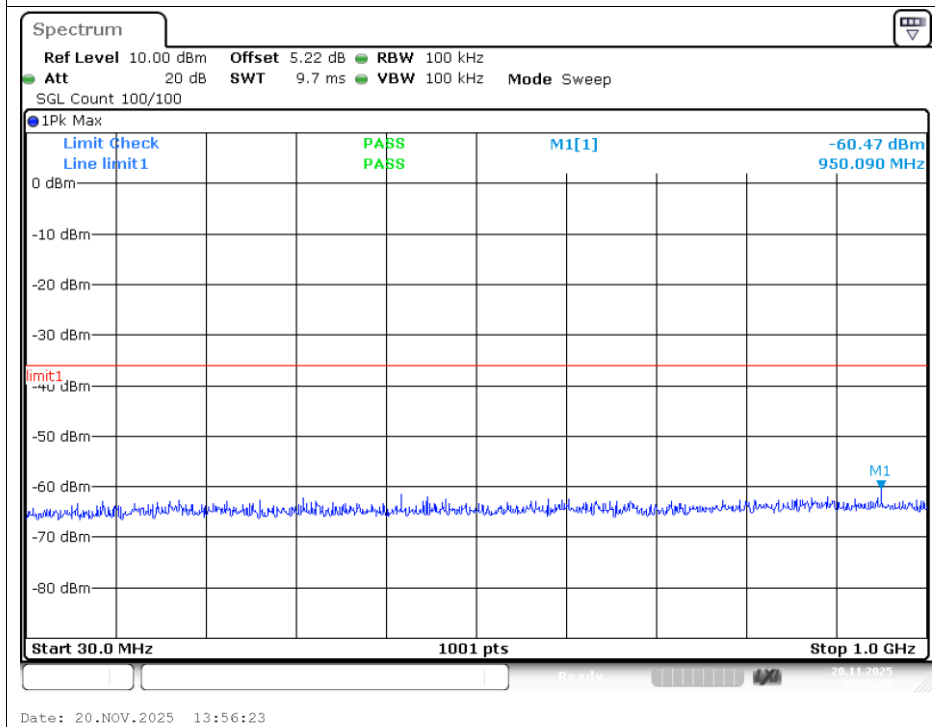


Tx. Spurious NVNT g 2412MHz Ant1 @ 2387MHz-2400MHz

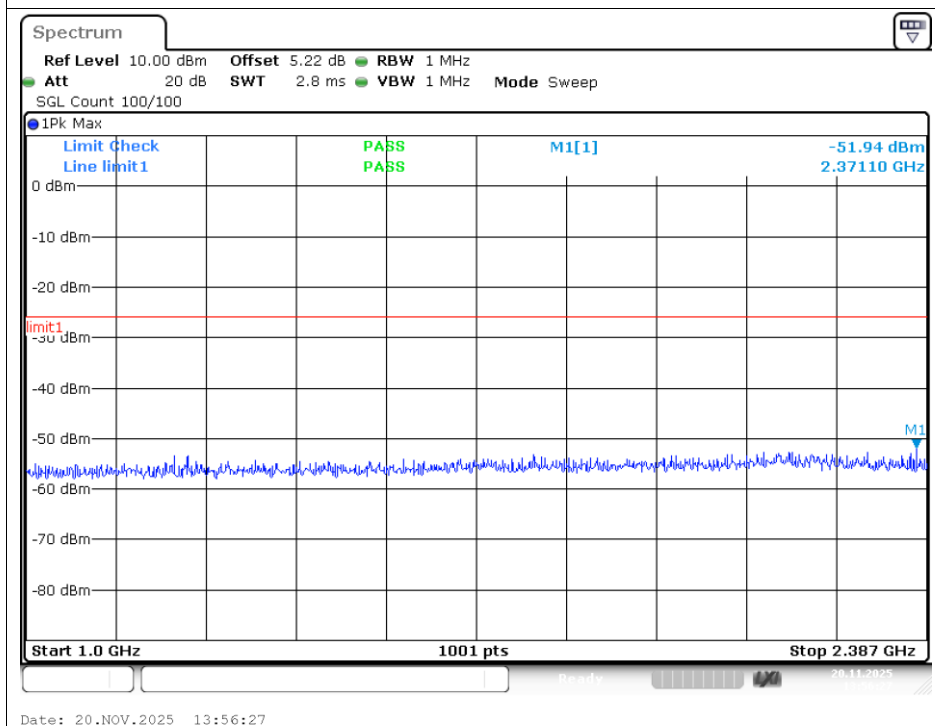




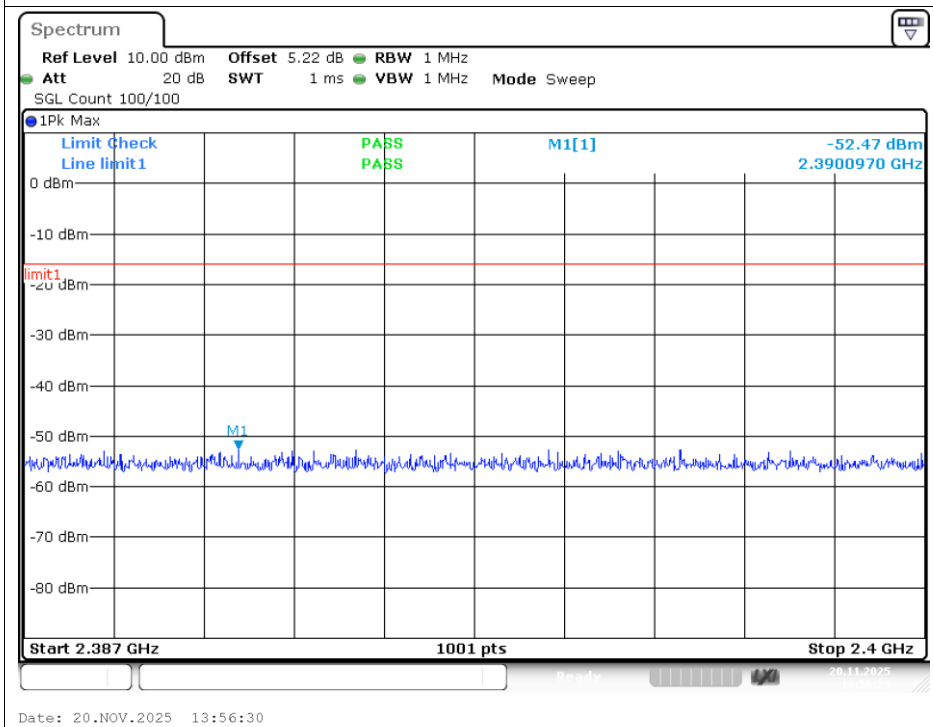
Tx. Spurious NVNT g 2442MHz Ant1 @ 30MHz-1000MHz



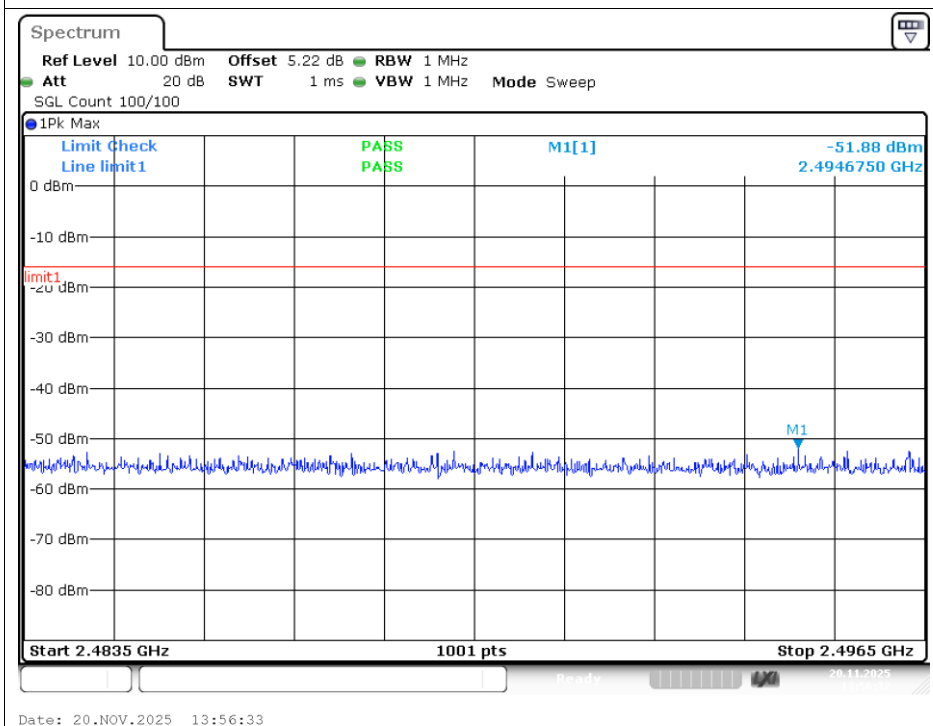
Tx. Spurious NVNT g 2442MHz Ant1 @ 1000MHz-2387MHz

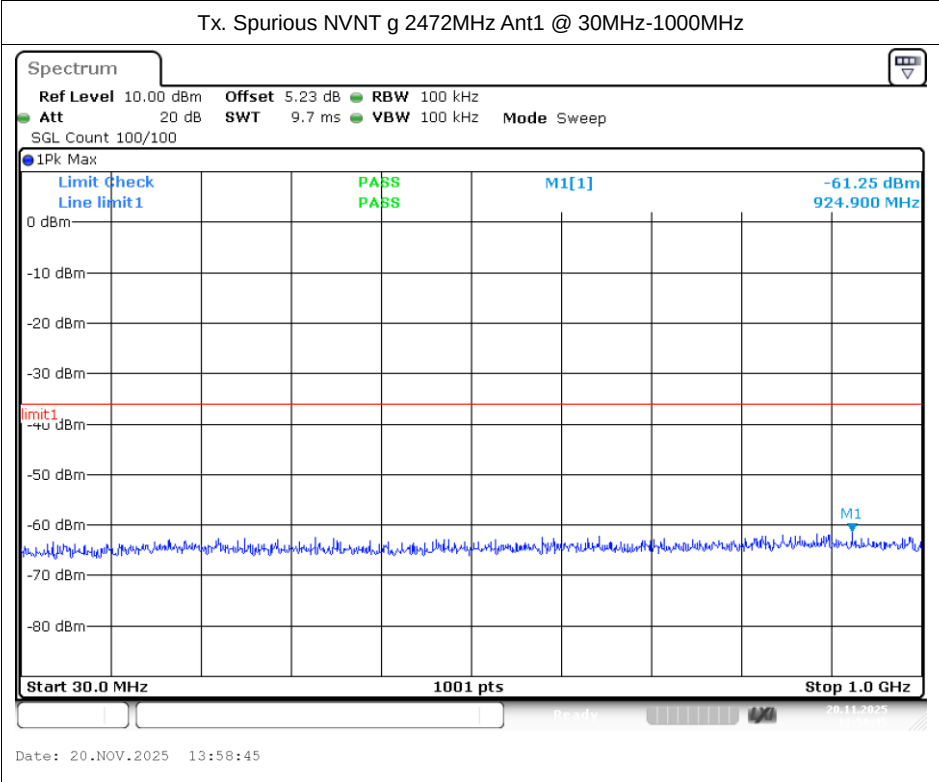
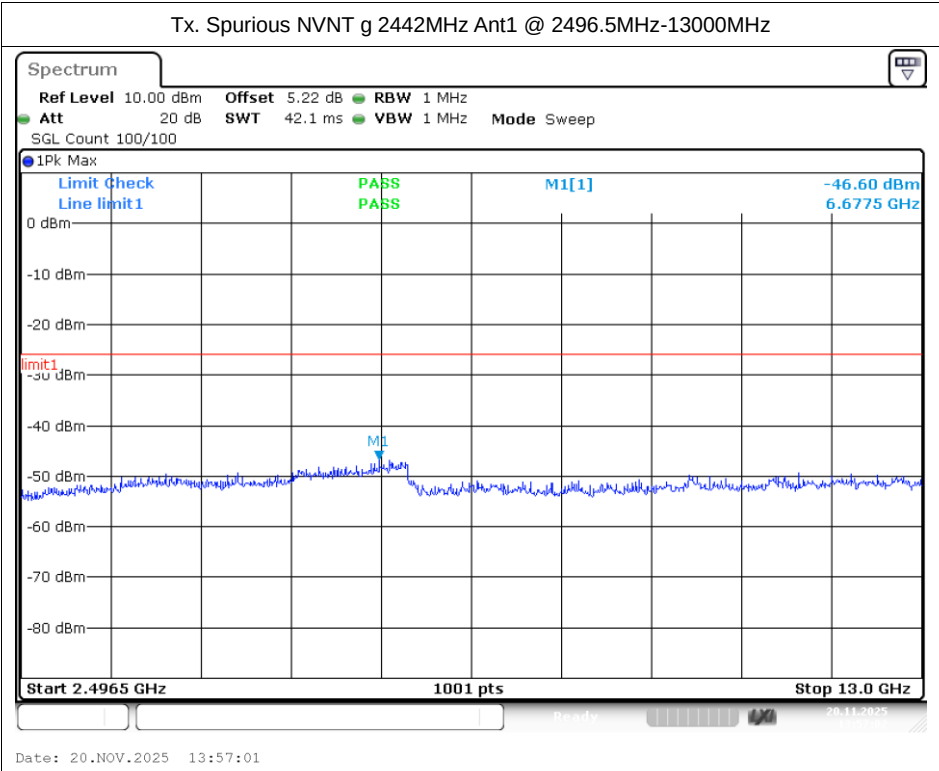


Tx. Spurious NVNT g 2442MHz Ant1 @ 2387MHz-2400MHz

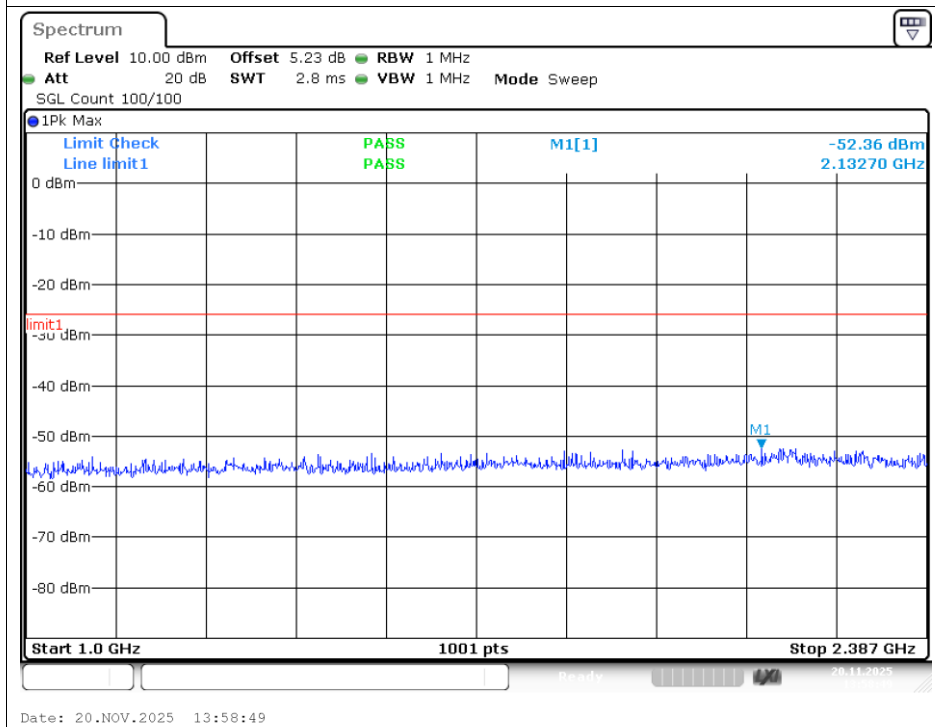


Tx. Spurious NVNT g 2442MHz Ant1 @ 2483.5MHz-2496.5MHz

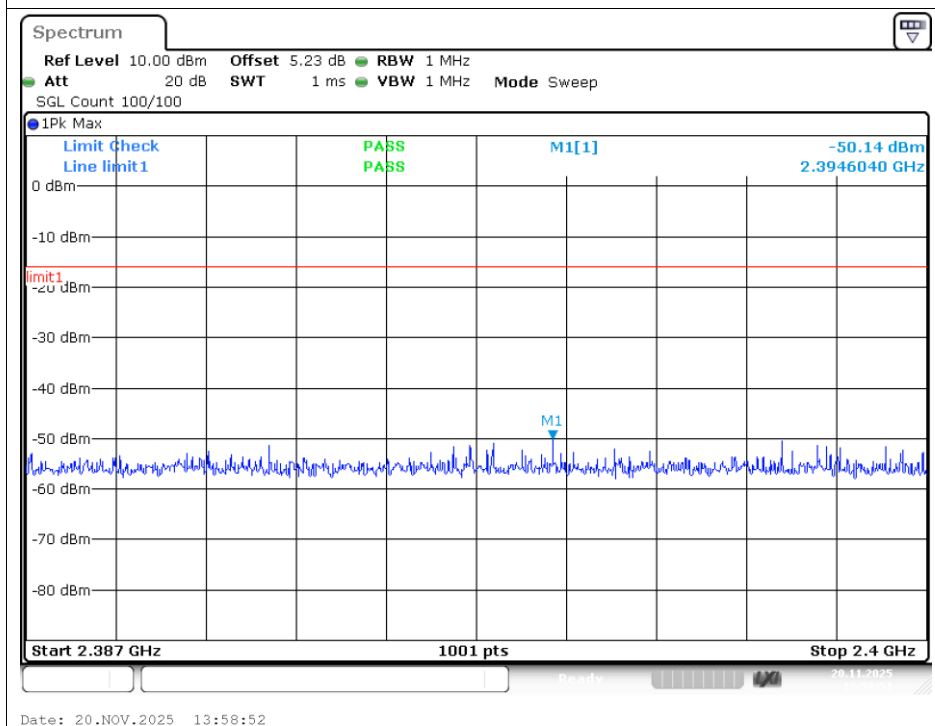


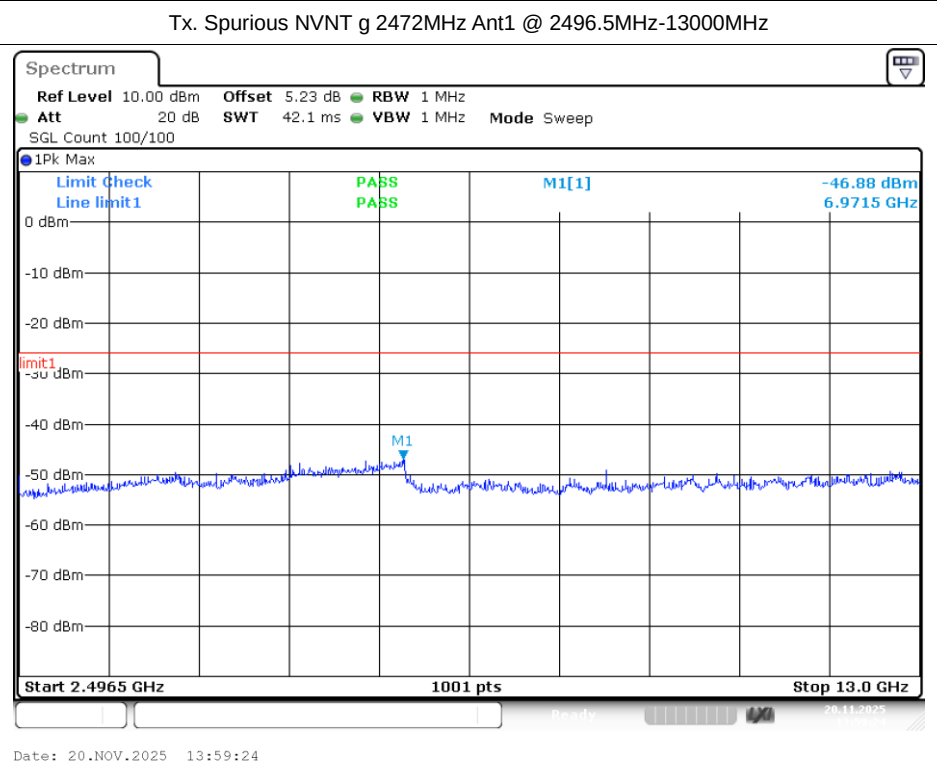
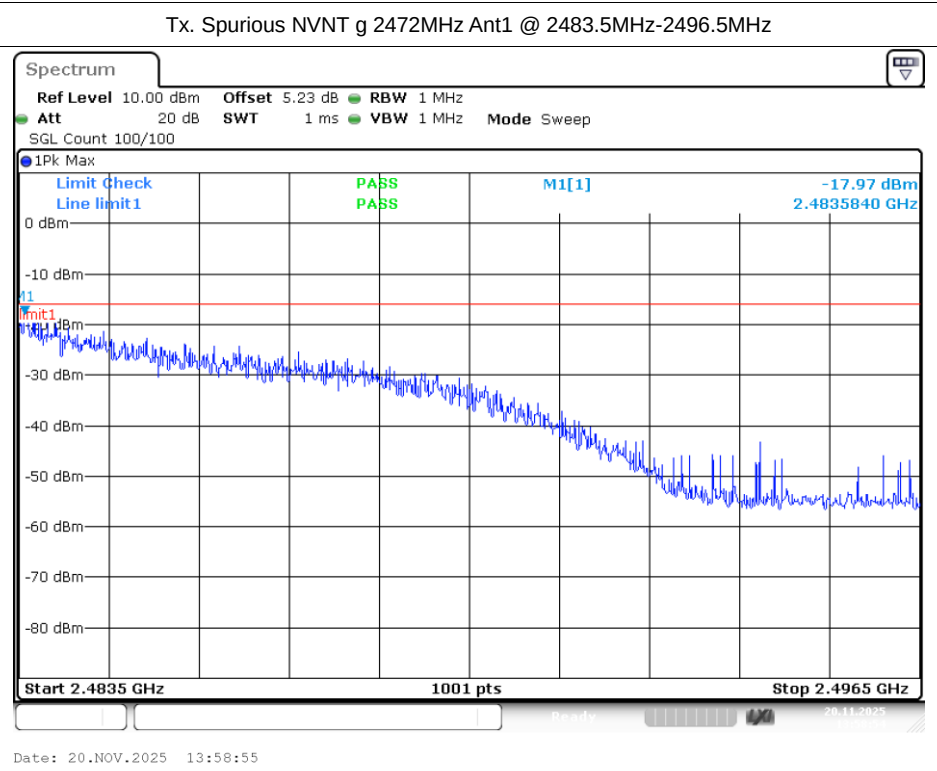


Tx. Spurious NVNT g 2472MHz Ant1 @ 1000MHz-2387MHz

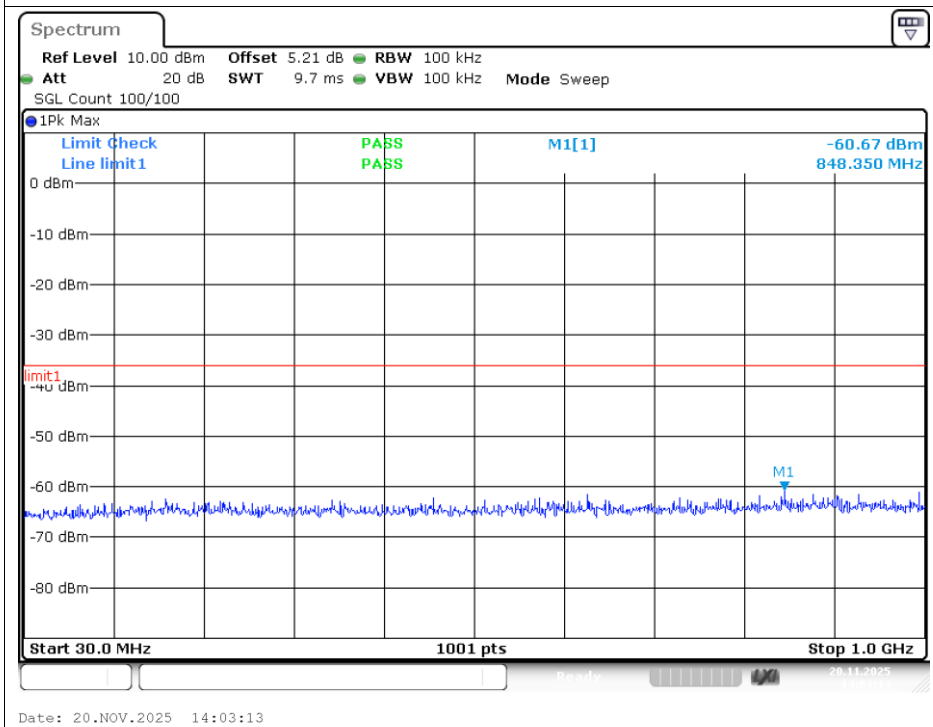


Tx. Spurious NVNT g 2472MHz Ant1 @ 2387MHz-2400MHz

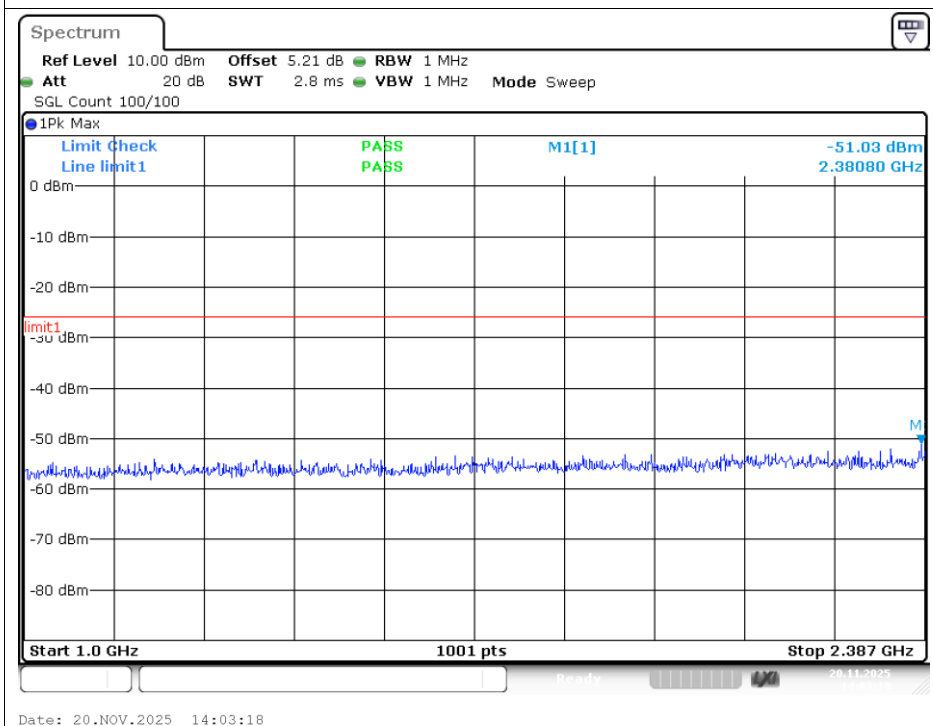


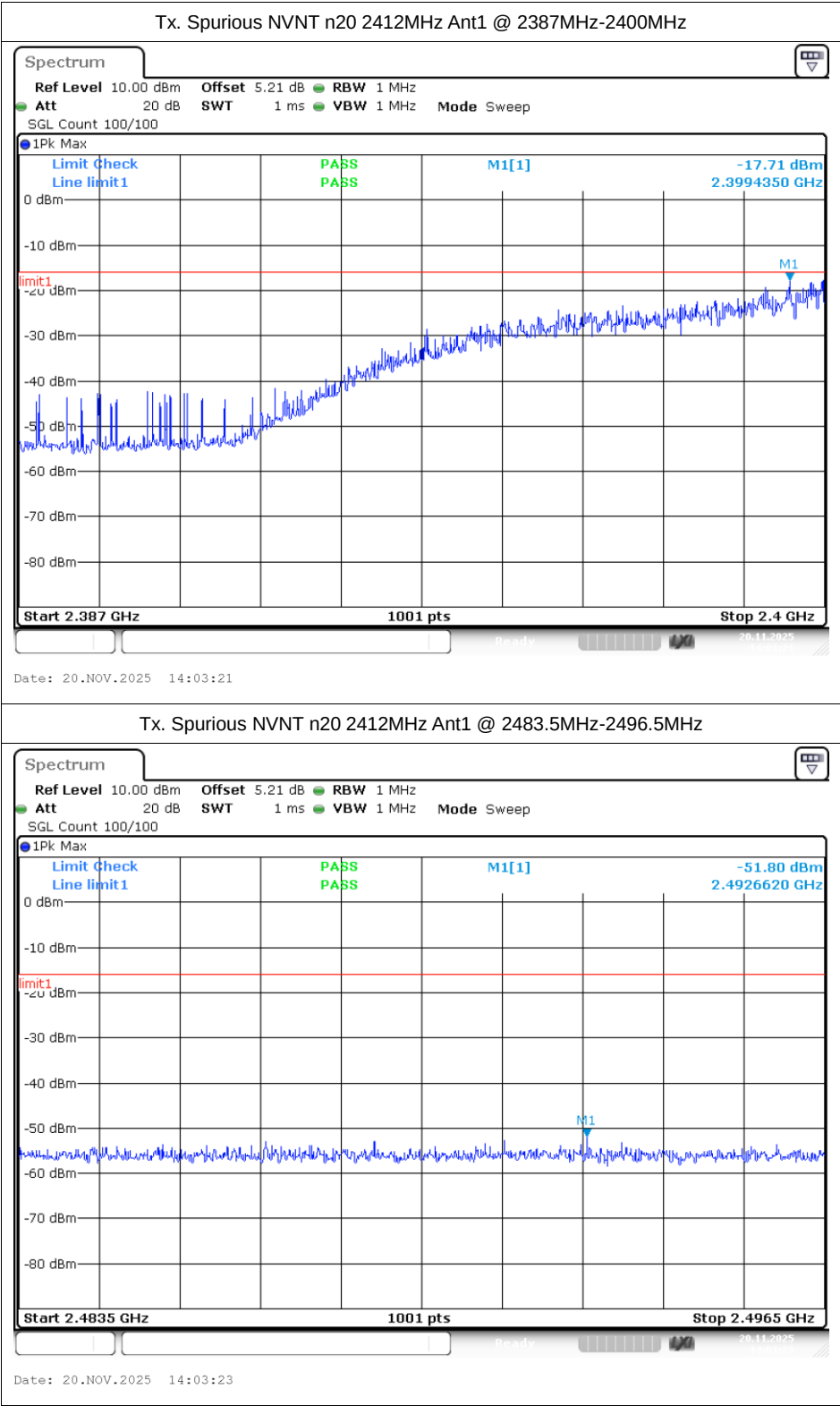


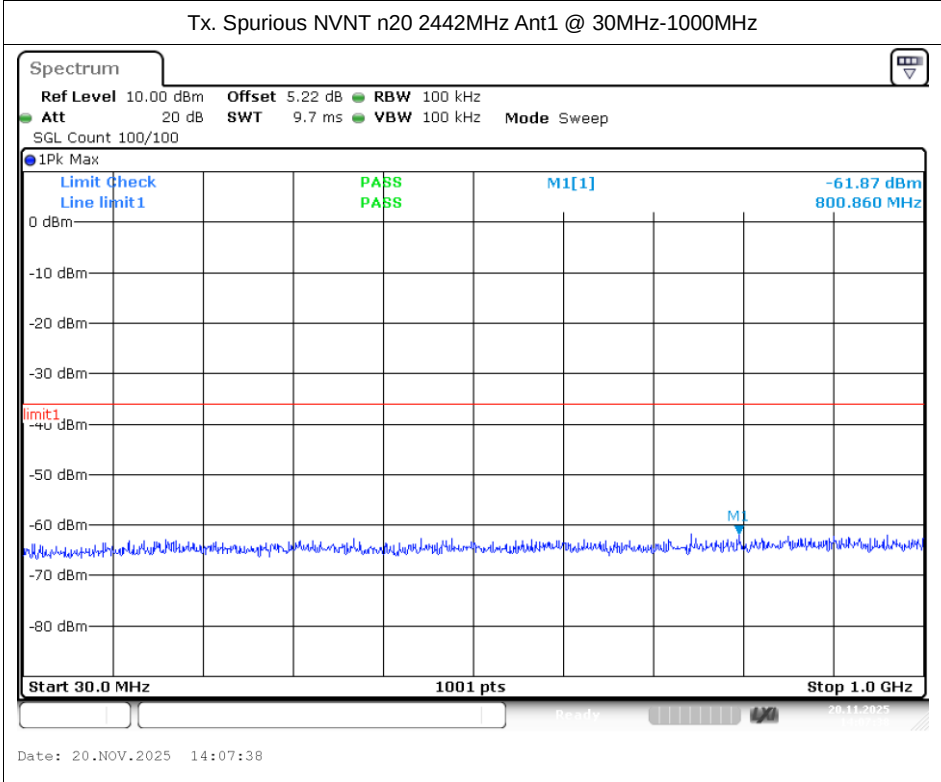
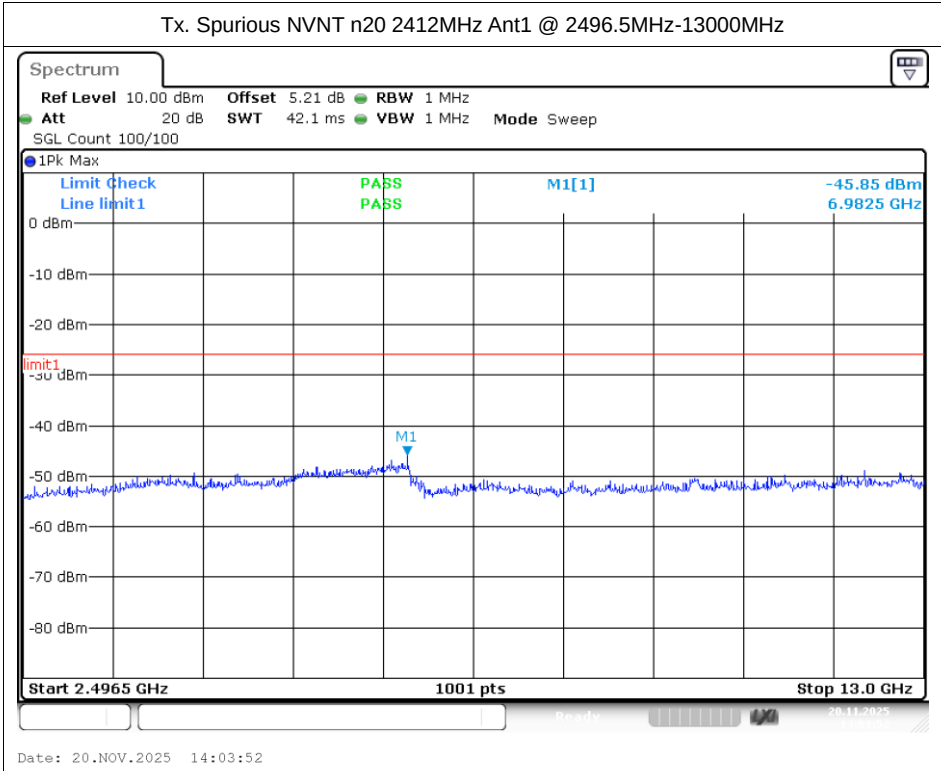
Tx. Spurious NVNT n20 2412MHz Ant1 @ 30MHz-1000MHz

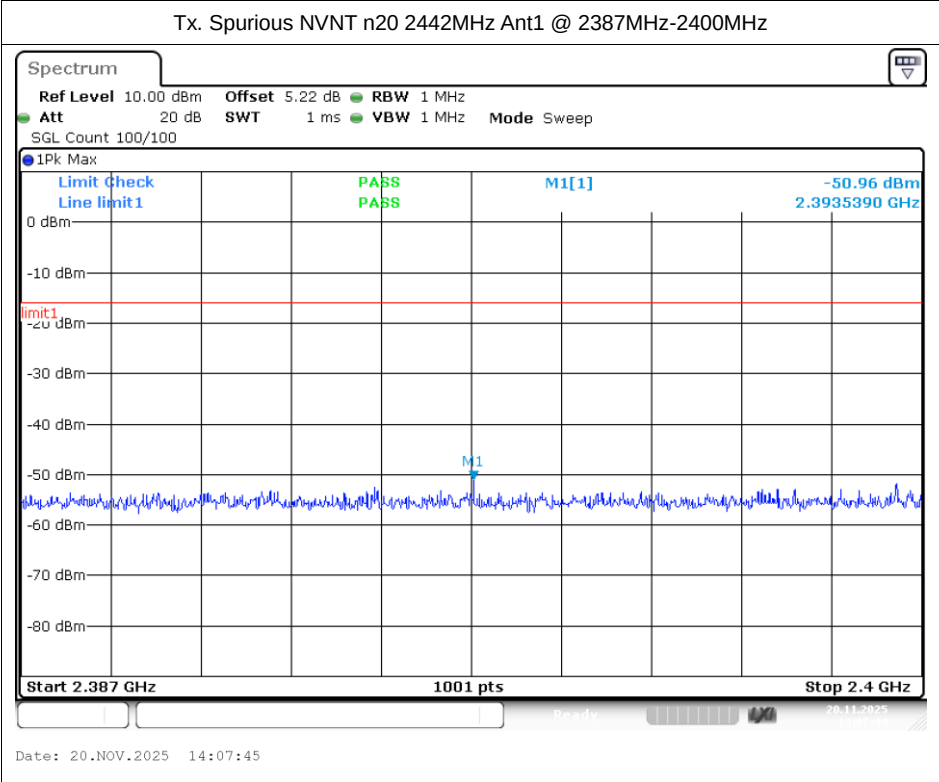
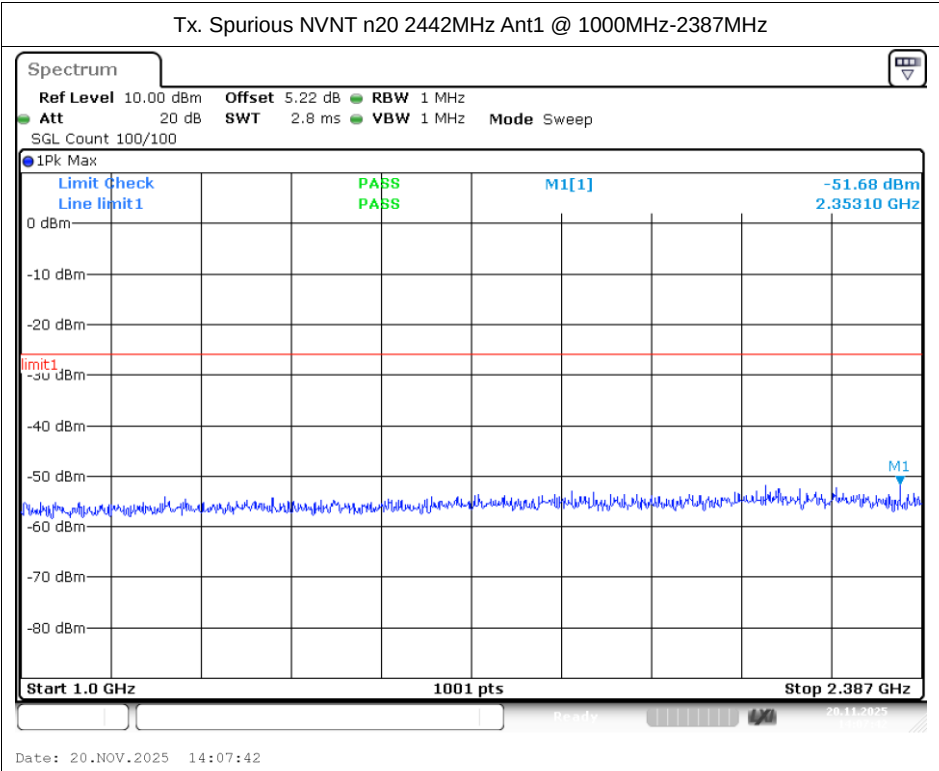


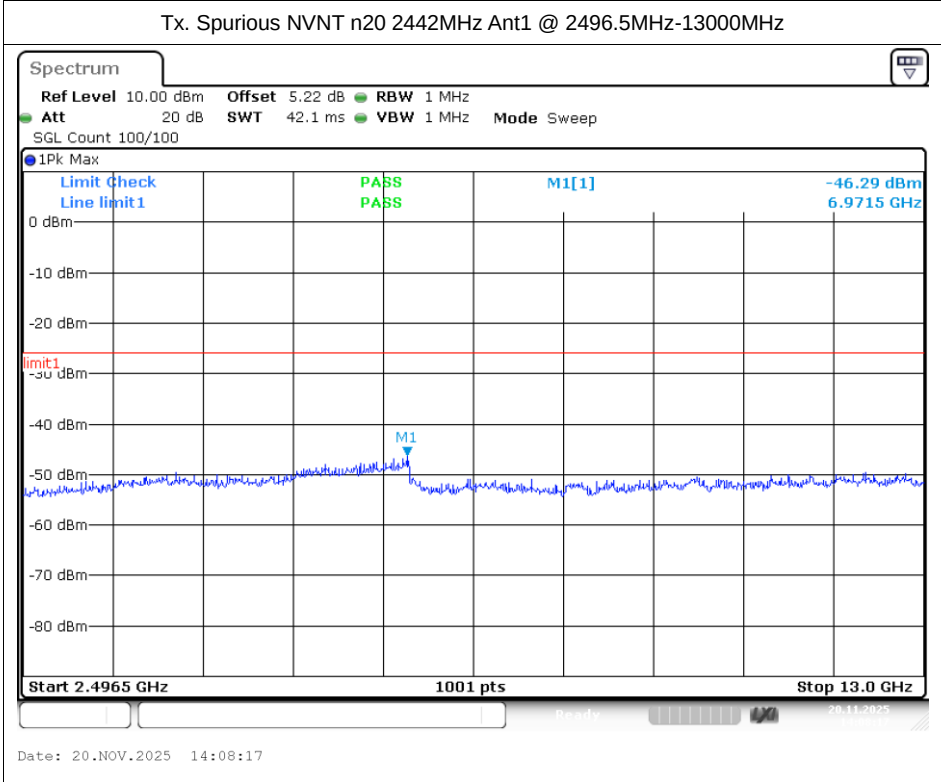
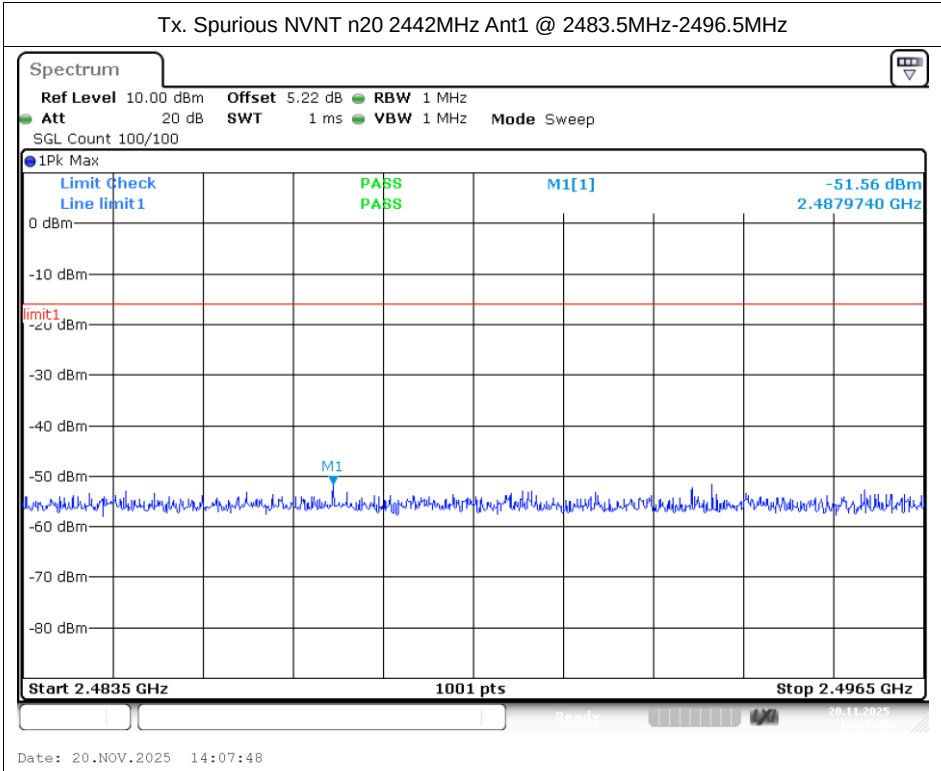
Tx. Spurious NVNT n20 2412MHz Ant1 @ 1000MHz-2387MHz



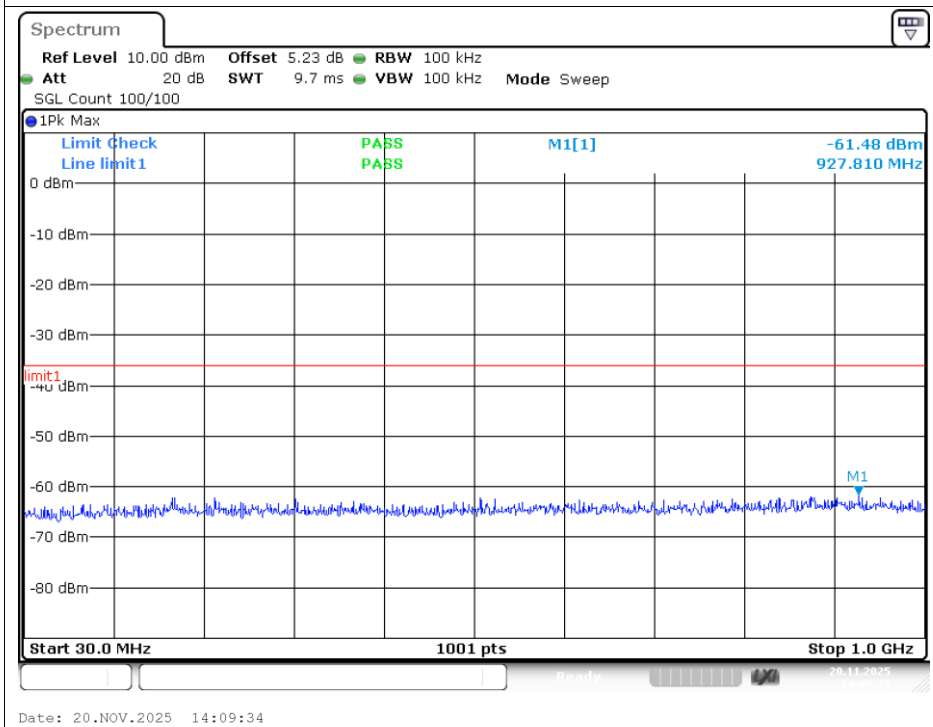




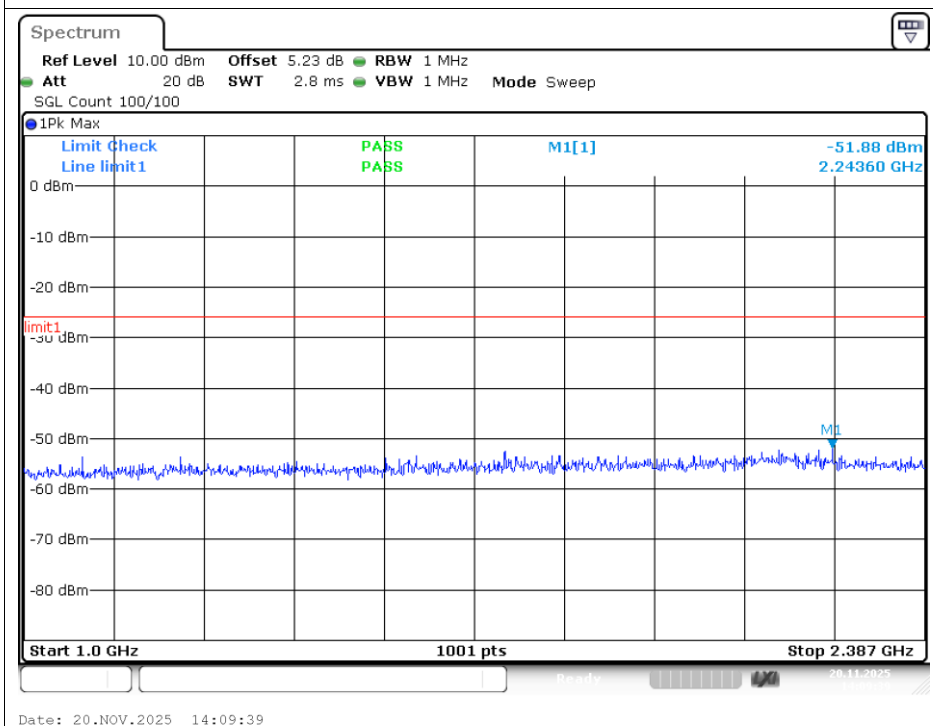


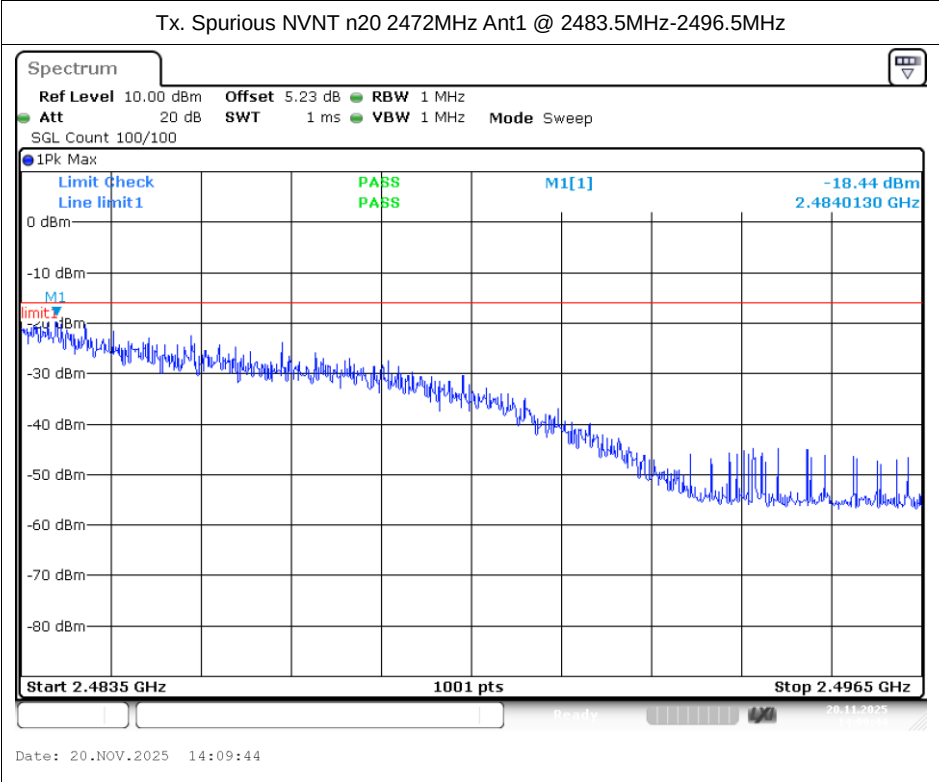
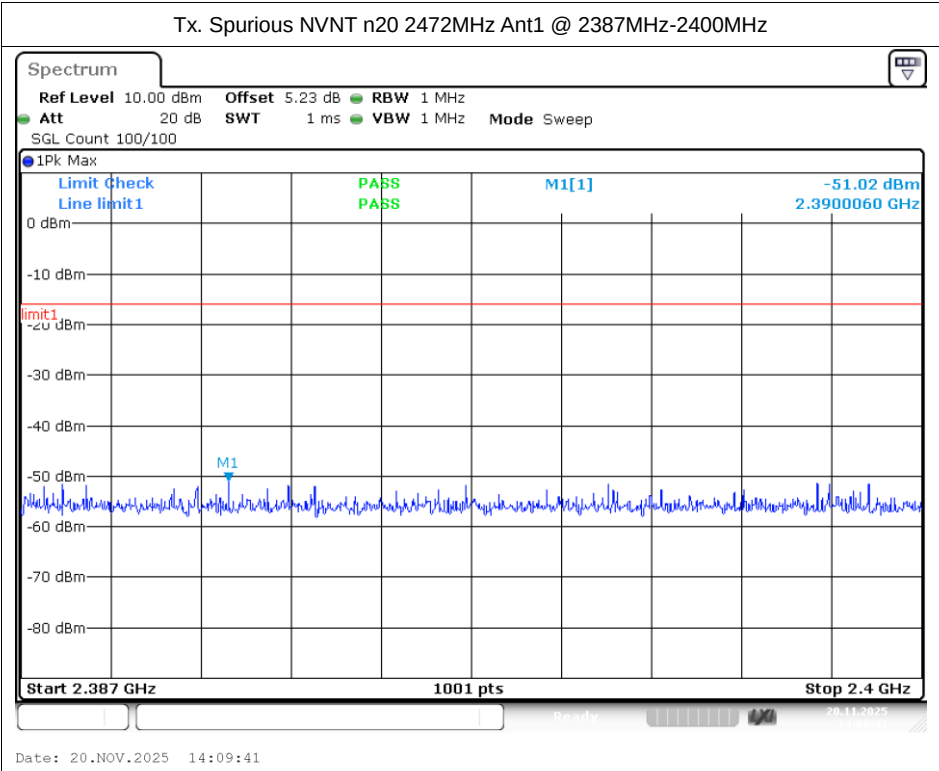


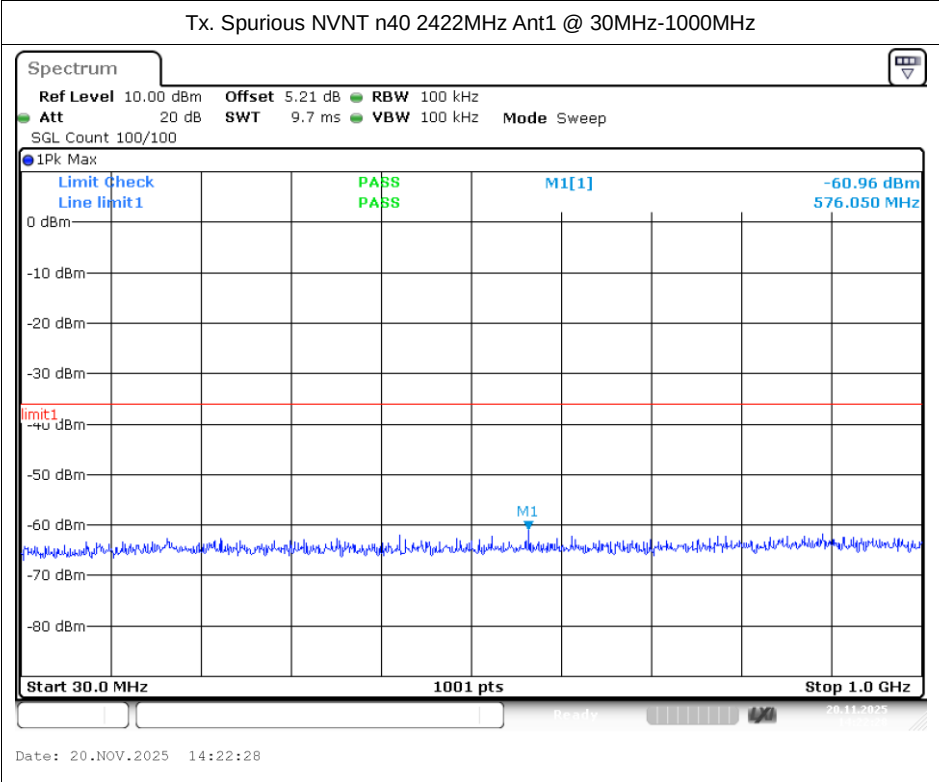
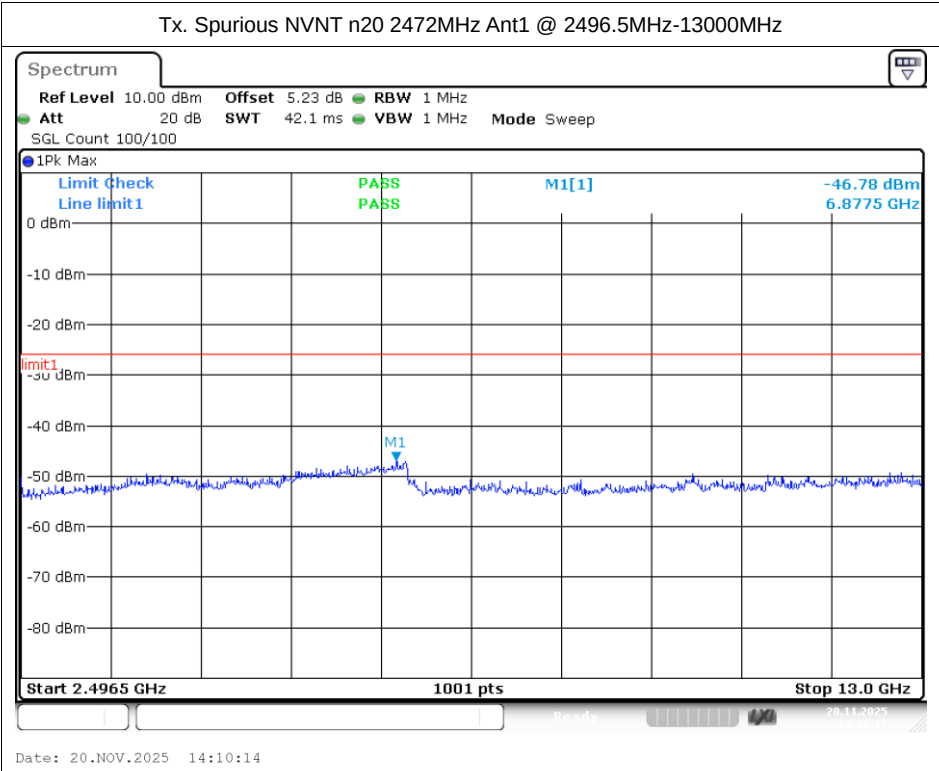
Tx. Spurious NVNT n20 2472MHz Ant1 @ 30MHz-1000MHz

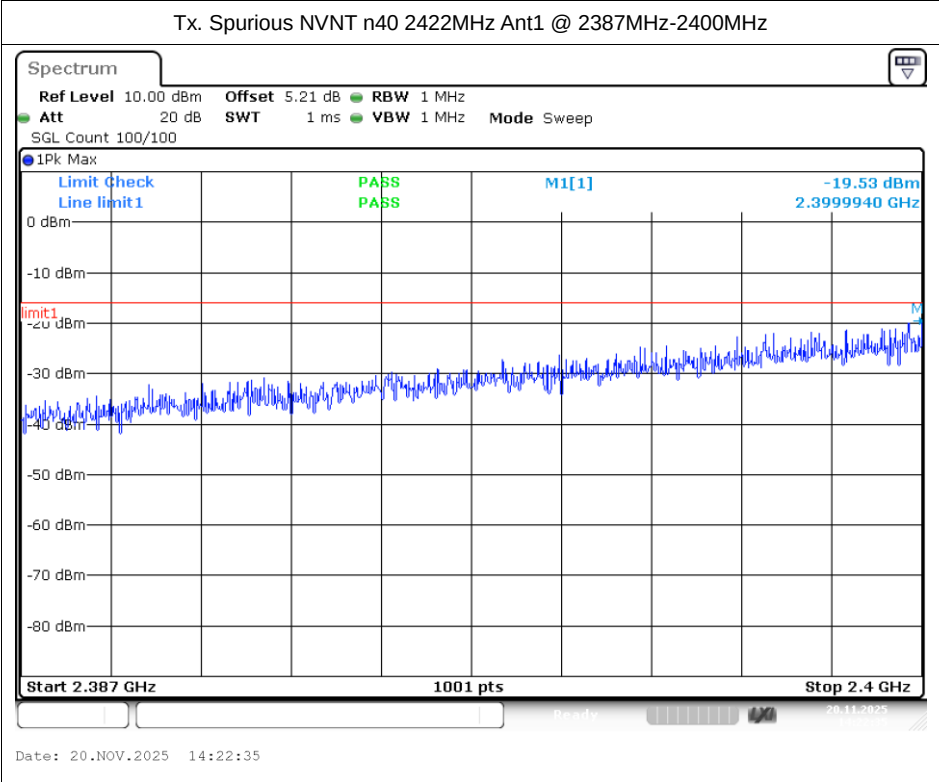
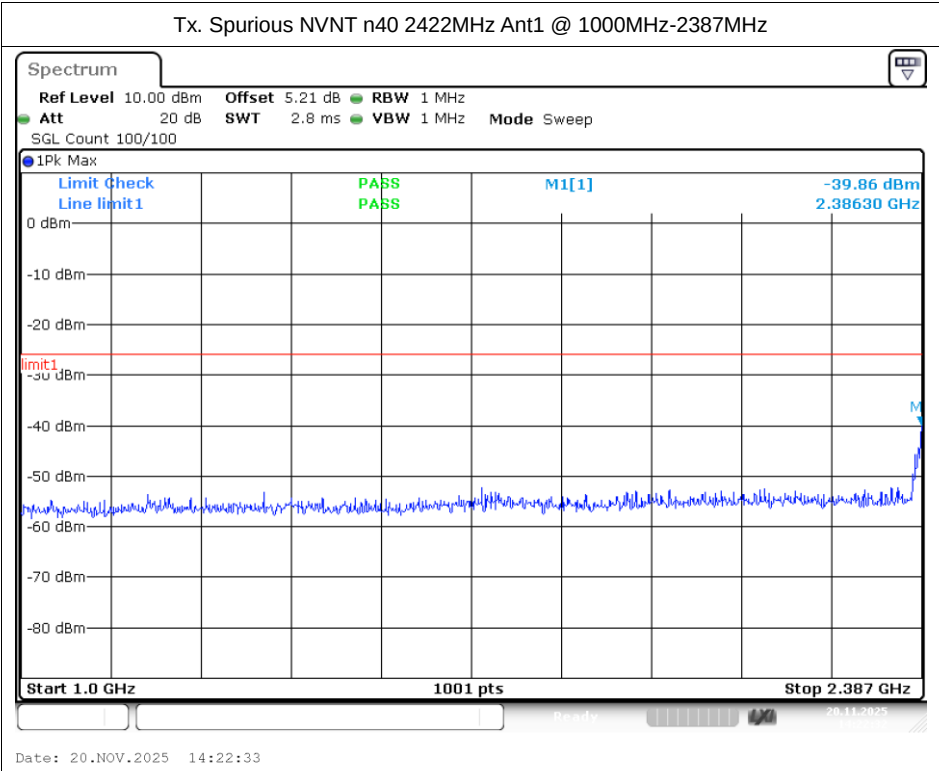


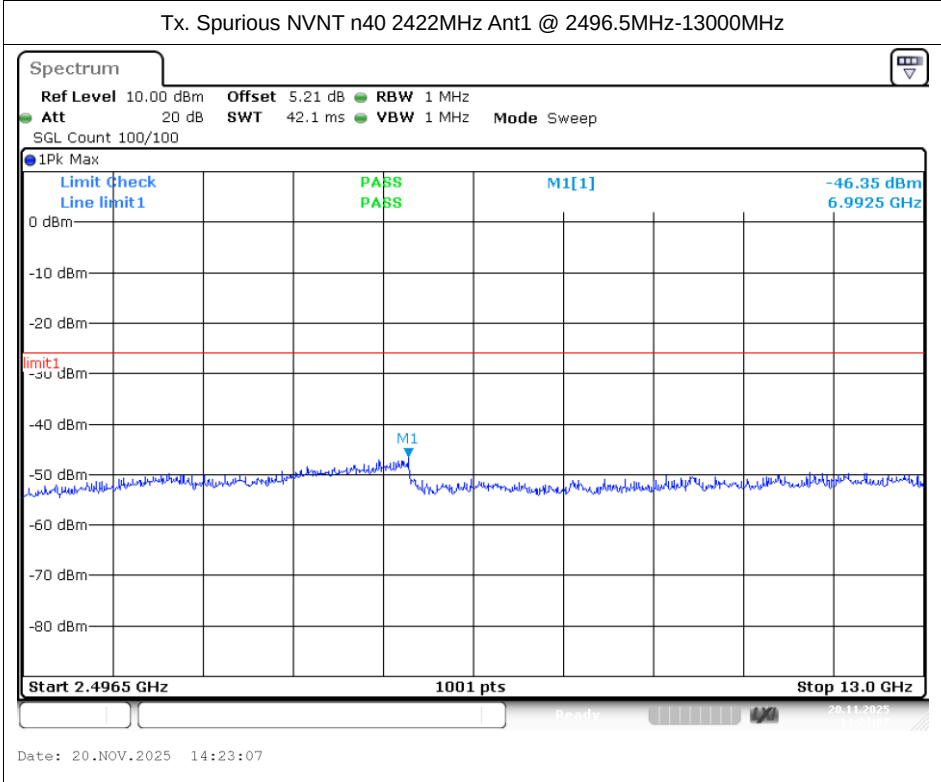
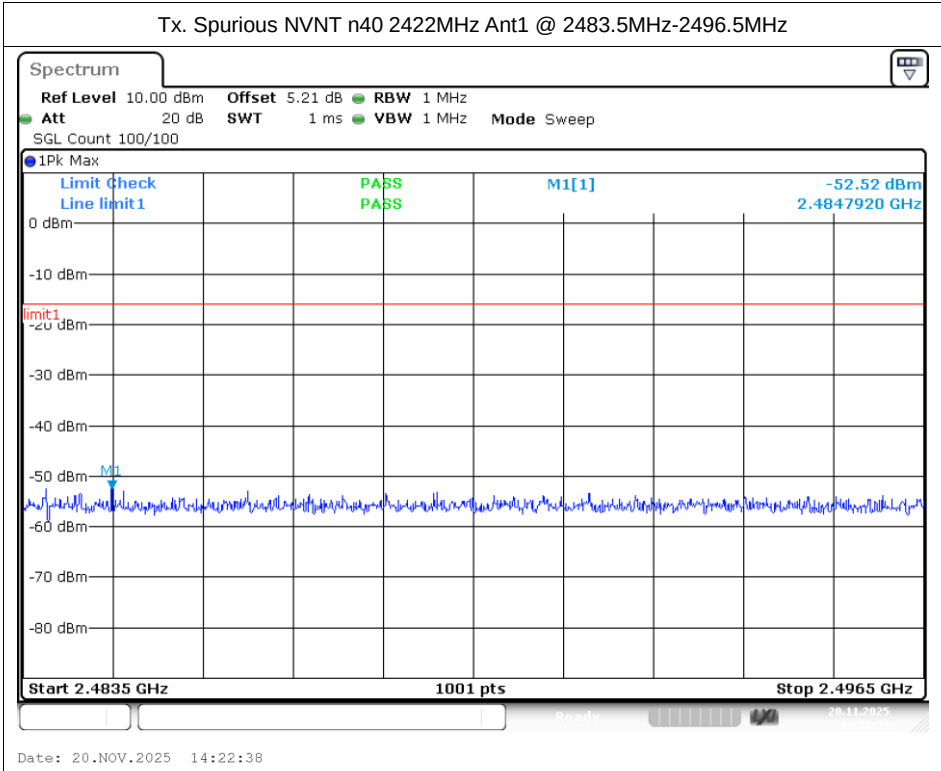
Tx. Spurious NVNT n20 2472MHz Ant1 @ 1000MHz-2387MHz

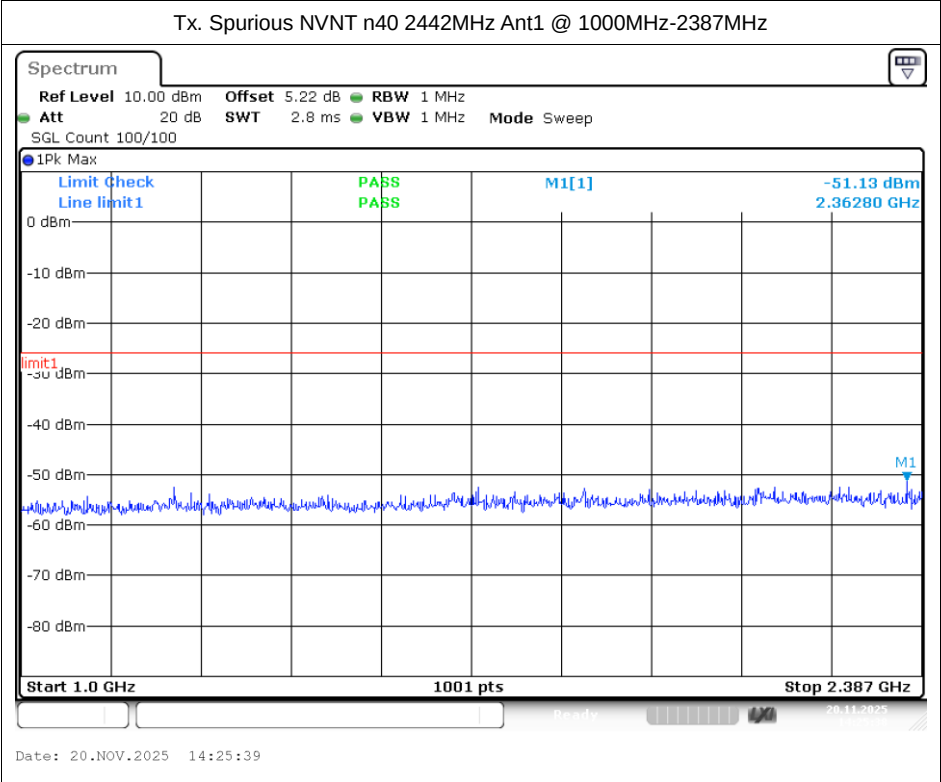
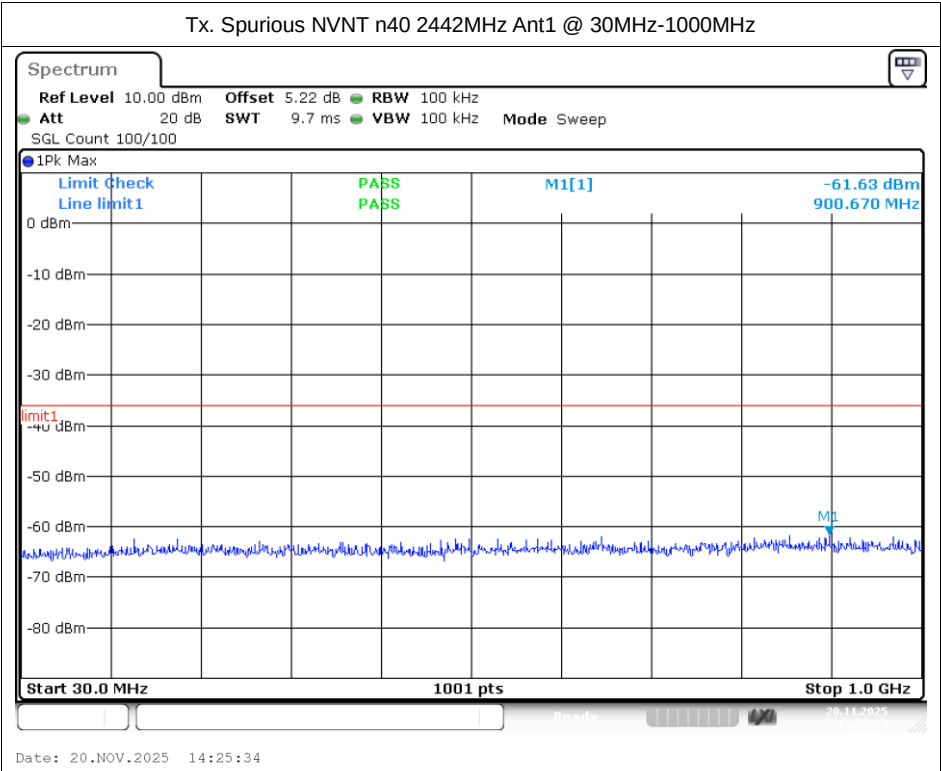


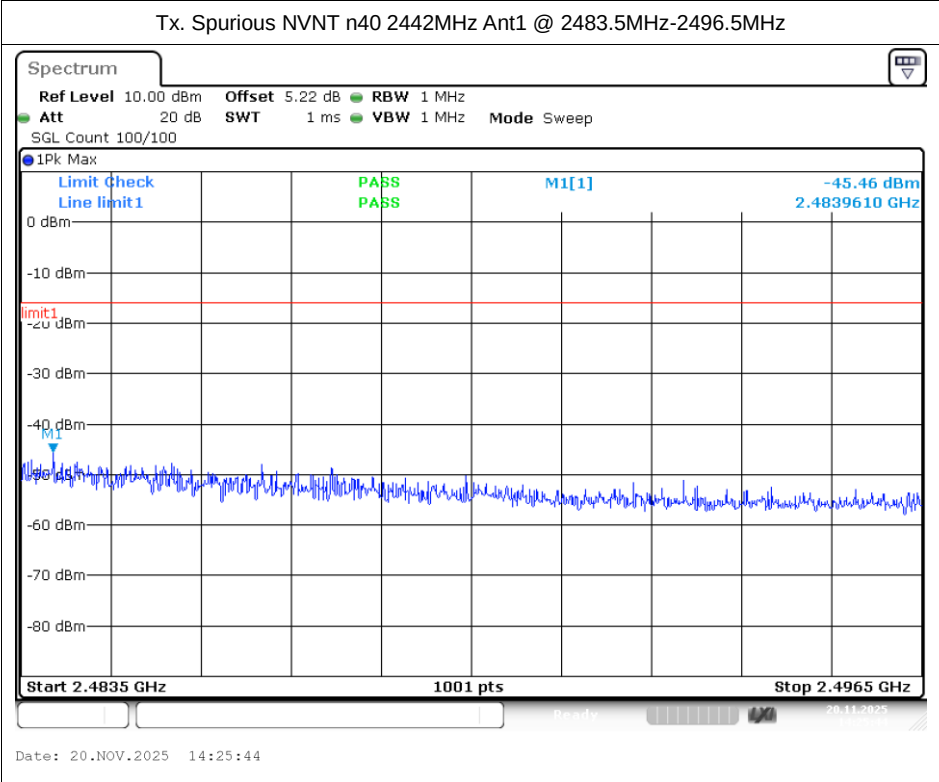
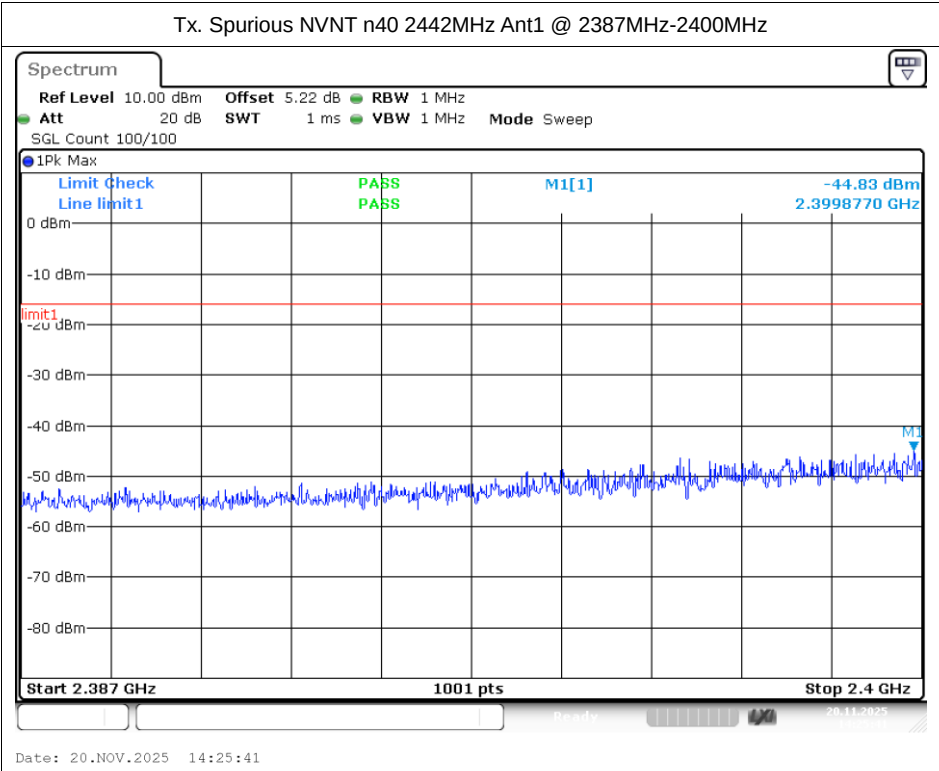


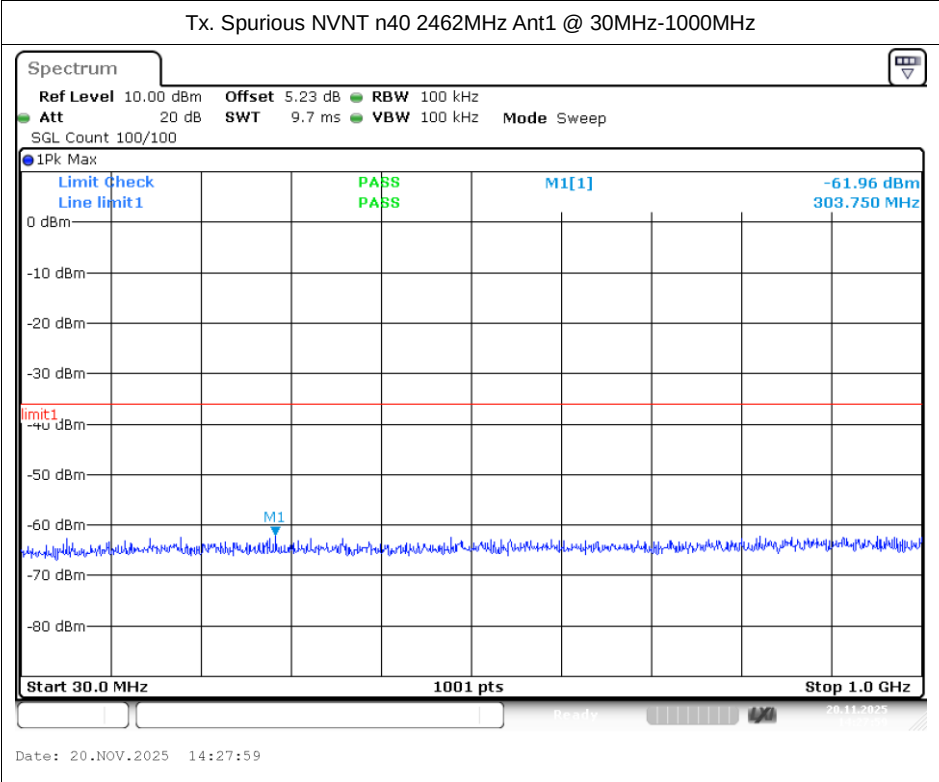
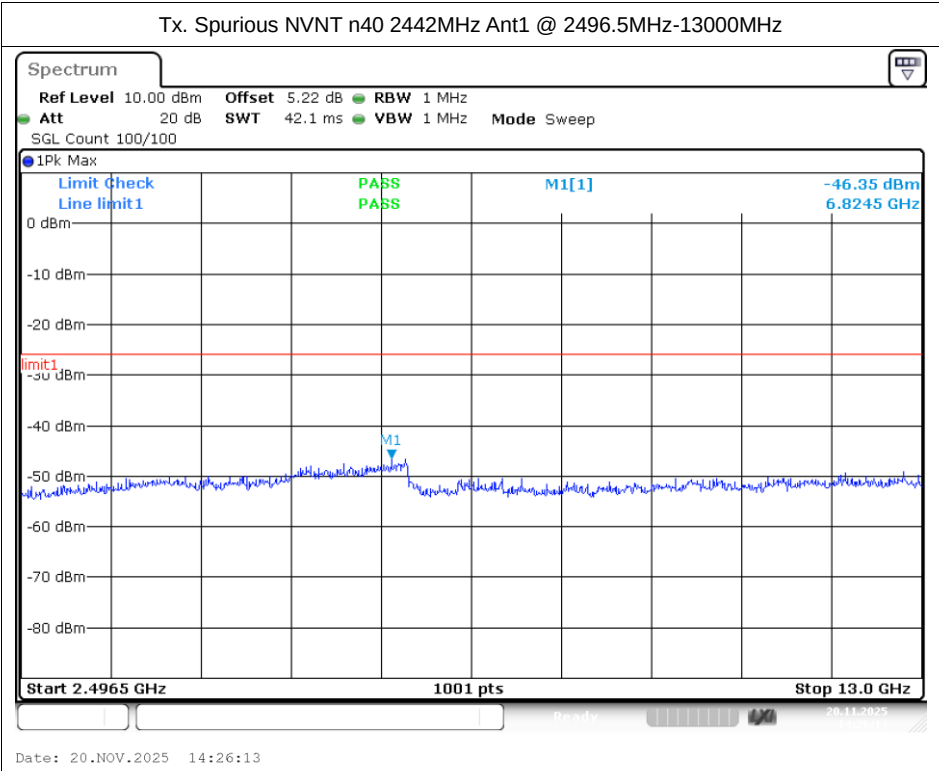


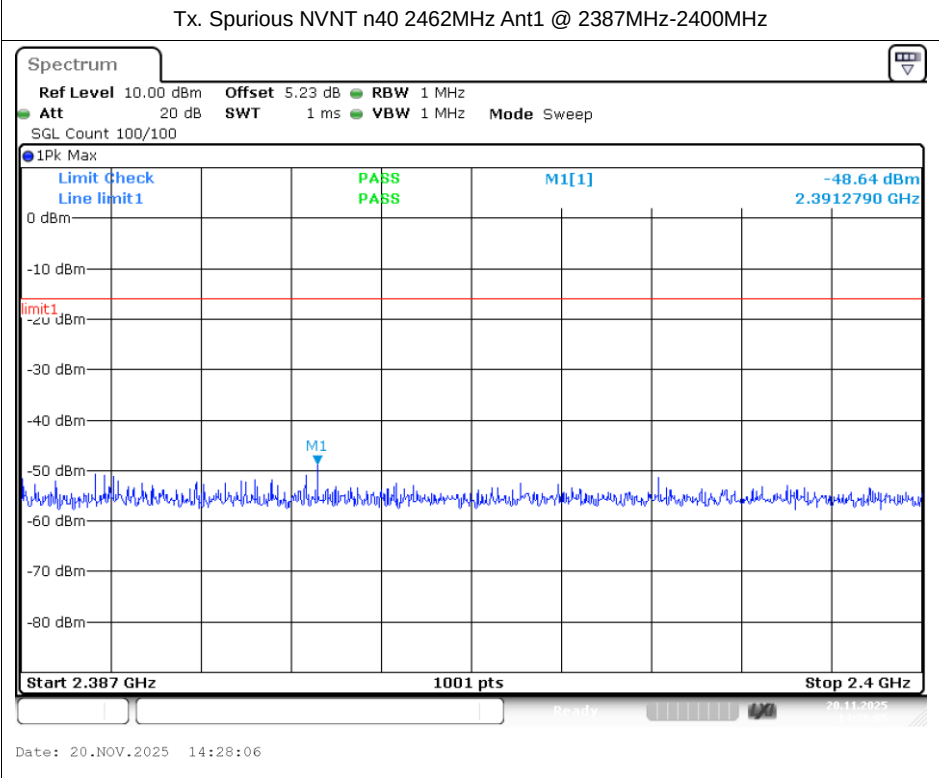
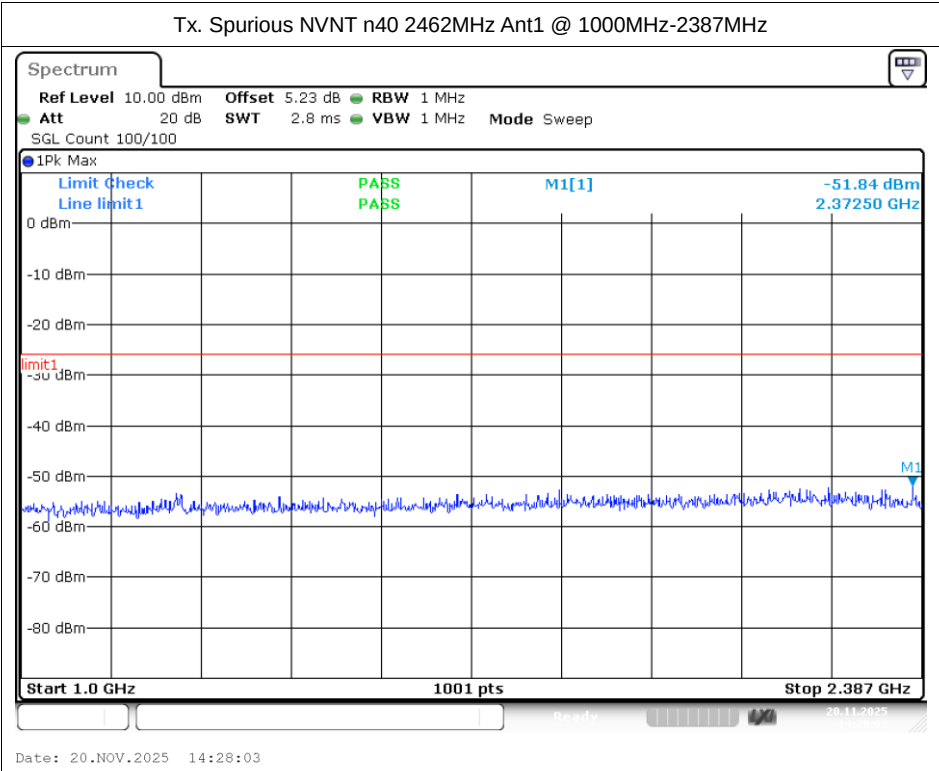




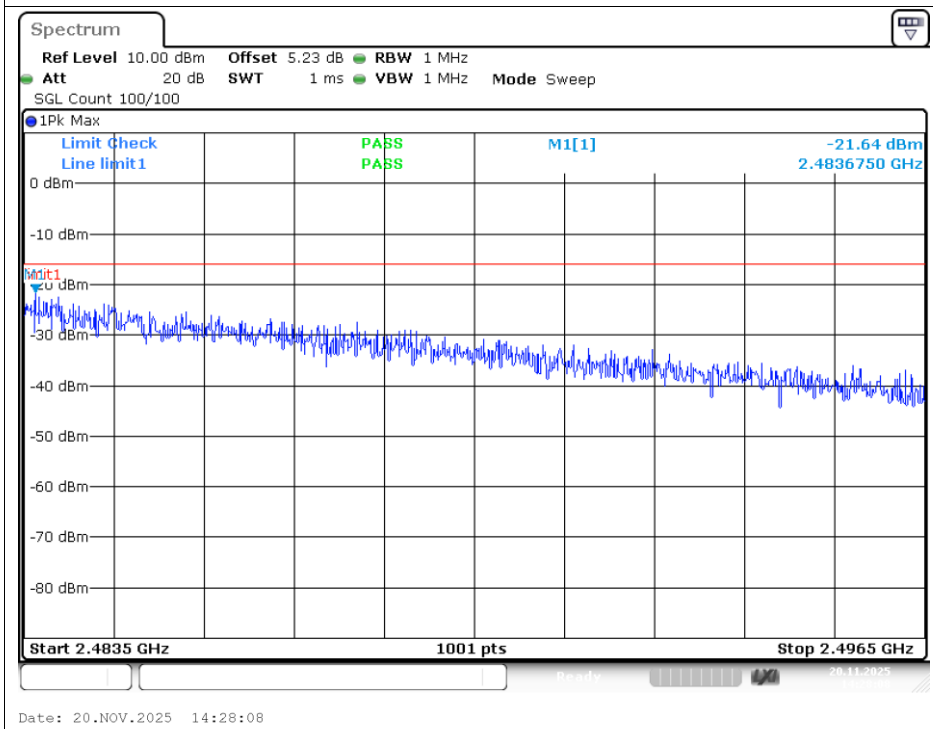




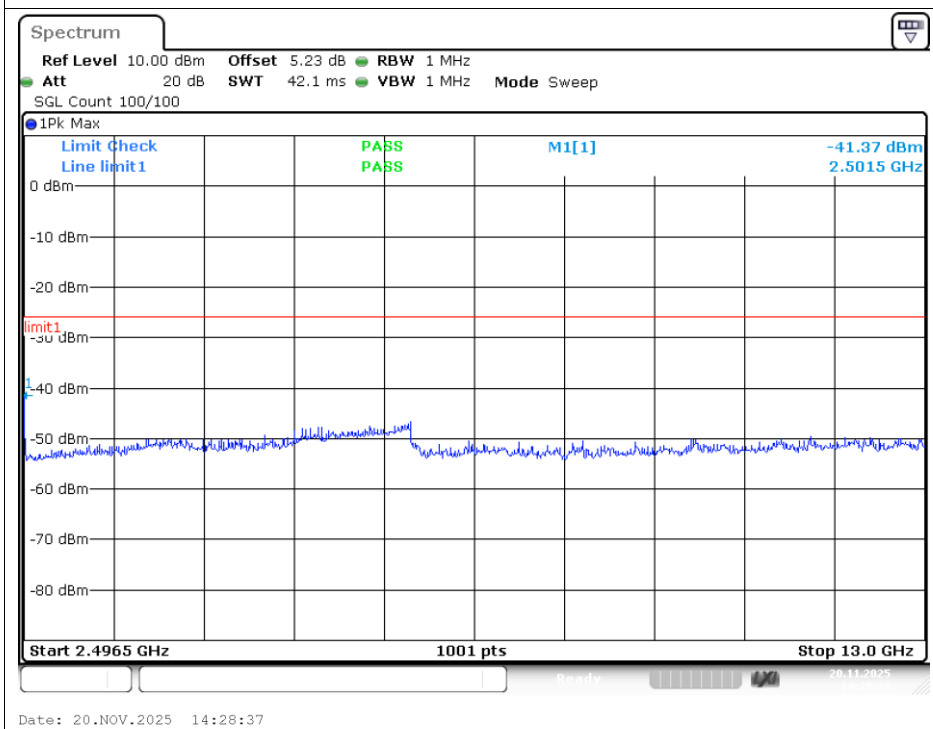




Tx. Spurious NVNT n40 2462MHz Ant1 @ 2483.5MHz-2496.5MHz



Tx. Spurious NVNT n40 2462MHz Ant1 @ 2496.5MHz-13000MHz

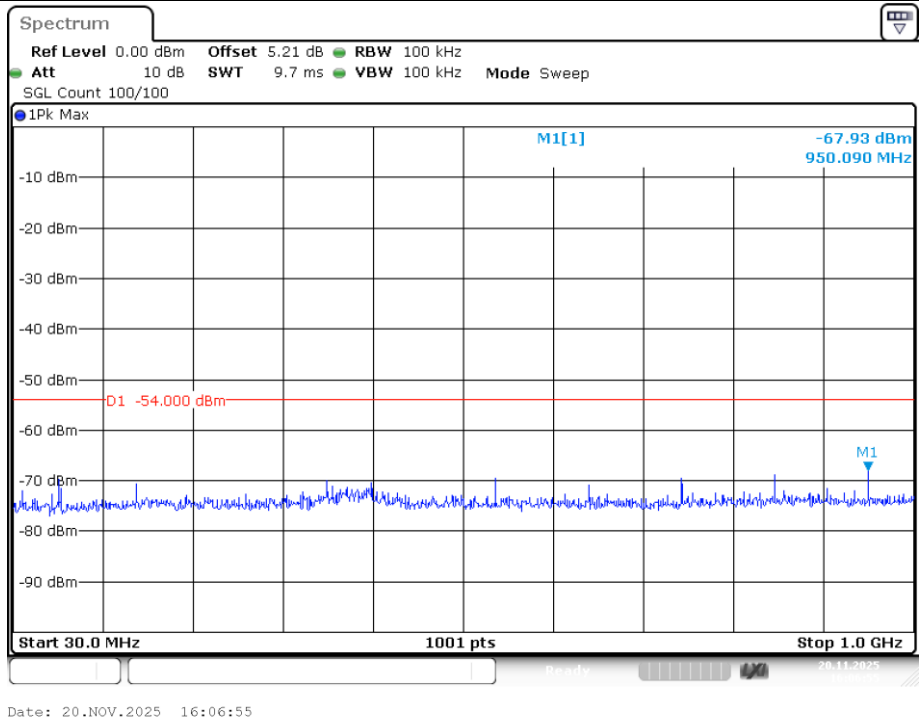


Rx Spurious Emission

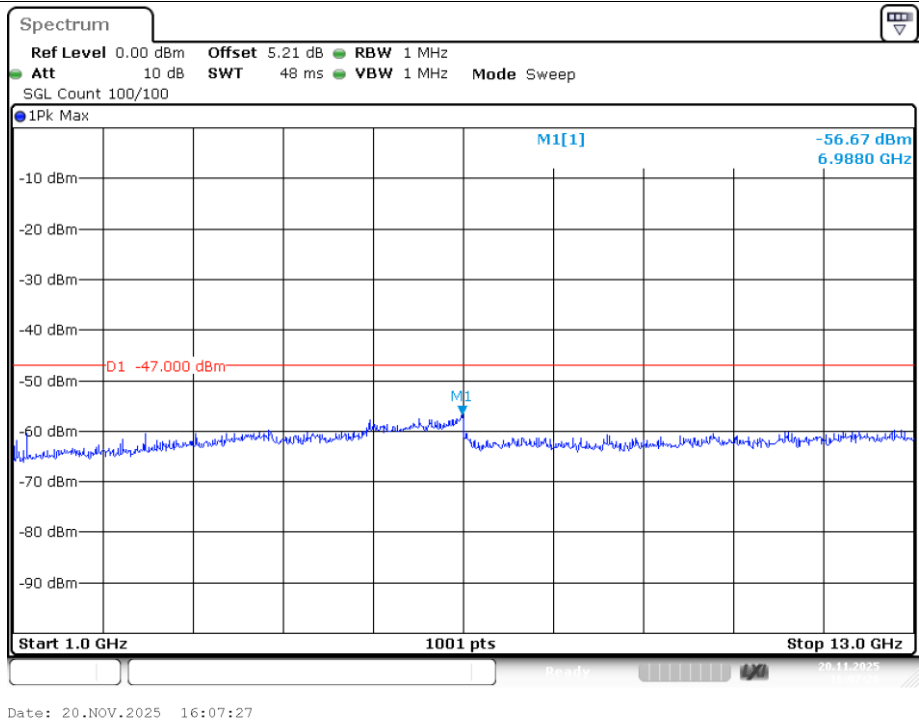
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	30-1000	950.09	-67.93	-54	Pass
NVNT	b	2412	Ant1	1000-13000	6988	-56.67	-47	Pass
NVNT	b	2442	Ant1	30-1000	950.09	-68.38	-54	Pass
NVNT	b	2442	Ant1	1000-13000	6964	-57.83	-47	Pass
NVNT	b	2472	Ant1	30-1000	950.09	-69.32	-54	Pass
NVNT	b	2472	Ant1	1000-13000	6928	-57.58	-47	Pass
NVNT	g	2412	Ant1	30-1000	950.09	-67.59	-54	Pass
NVNT	g	2412	Ant1	1000-13000	6904	-57.59	-47	Pass
NVNT	g	2442	Ant1	30-1000	744.66	-72.69	-54	Pass
NVNT	g	2442	Ant1	1000-13000	7000	-57.27	-47	Pass
NVNT	g	2472	Ant1	30-1000	881.29	-72.32	-54	Pass
NVNT	g	2472	Ant1	1000-13000	6952	-58.02	-47	Pass
NVNT	n20	2412	Ant1	30-1000	950.09	-68.12	-54	Pass
NVNT	n20	2412	Ant1	1000-13000	6964	-57.37	-47	Pass
NVNT	n20	2442	Ant1	30-1000	950.09	-68.35	-54	Pass
NVNT	n20	2442	Ant1	1000-13000	6724	-58.18	-47	Pass
NVNT	n20	2472	Ant1	30-1000	885.17	-71.83	-54	Pass
NVNT	n20	2472	Ant1	1000-13000	6760	-57.81	-47	Pass
NVNT	n40	2422	Ant1	30-1000	950.09	-69.09	-54	Pass
NVNT	n40	2422	Ant1	1000-13000	5741	-56.68	-47	Pass
NVNT	n40	2442	Ant1	30-1000	950.09	-68.22	-54	Pass
NVNT	n40	2442	Ant1	1000-13000	7000	-57.12	-47	Pass
NVNT	n40	2462	Ant1	30-1000	950.09	-67.48	-54	Pass
NVNT	n40	2462	Ant1	1000-13000	7000	-58.37	-47	Pass

Test Graphs

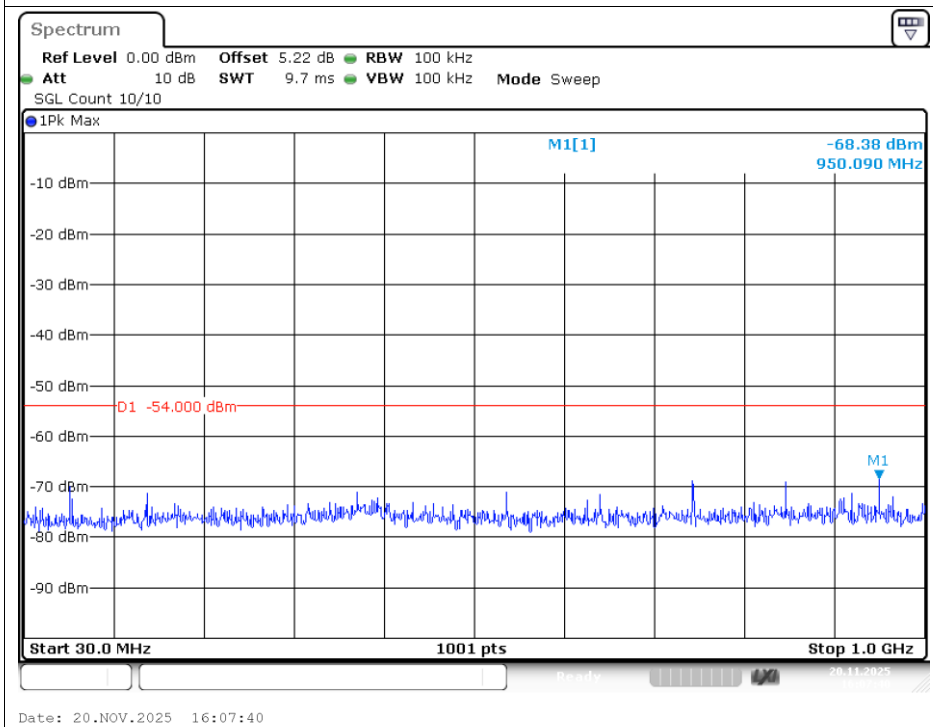
Rx. Spurious NVNT b 2412MHz Ant1 @ 30MHz-1000MHz



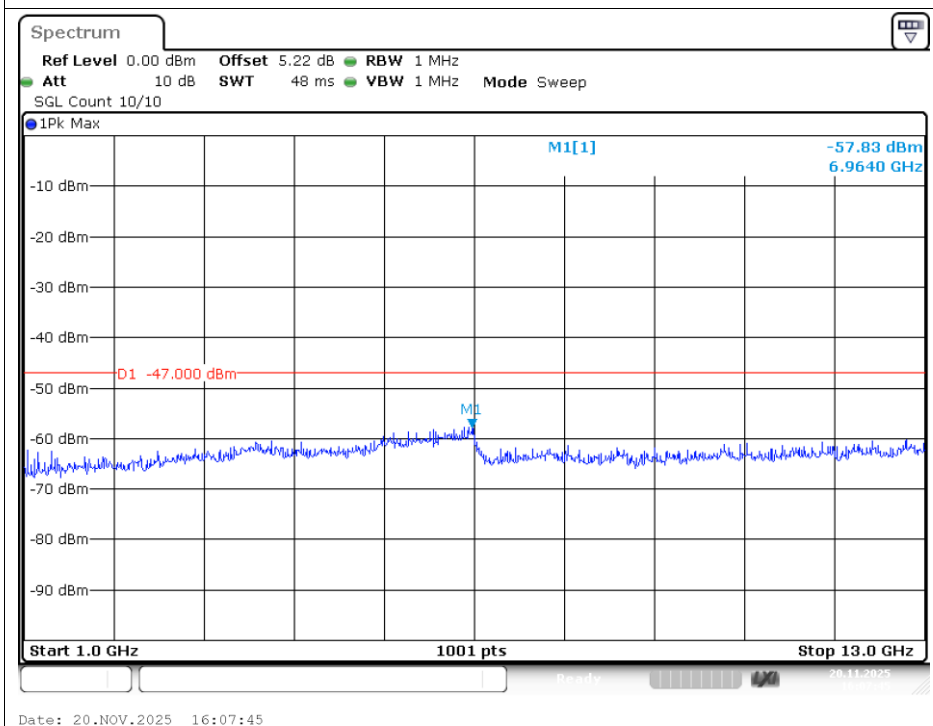
Rx. Spurious NVNT b 2412MHz Ant1 @ 1000MHz-13000MHz



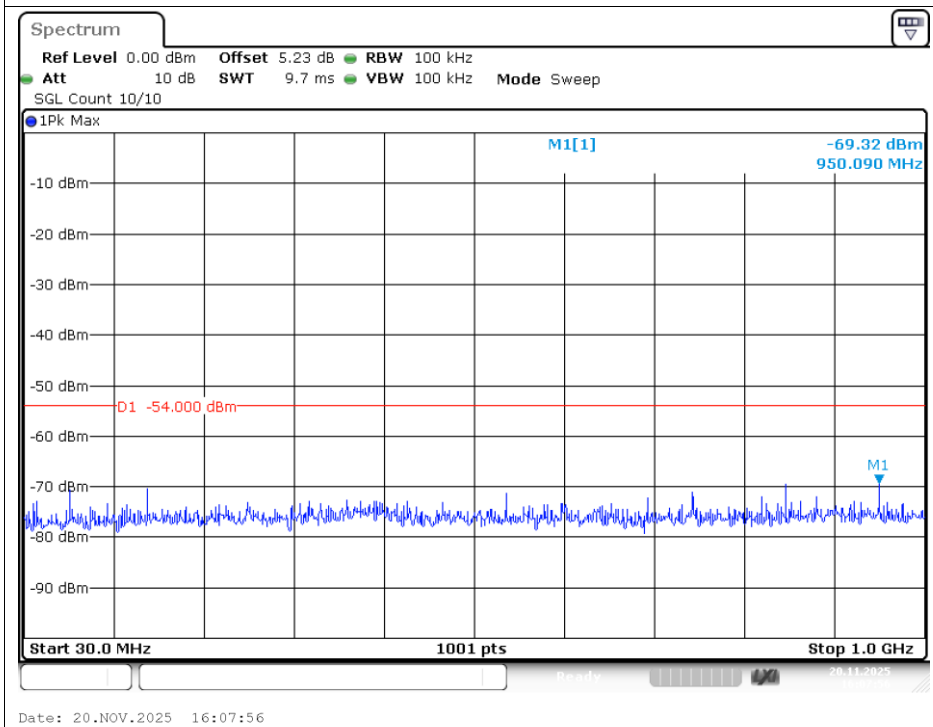
Rx. Spurious NVNT b 2442MHz Ant1 @ 30MHz-1000MHz



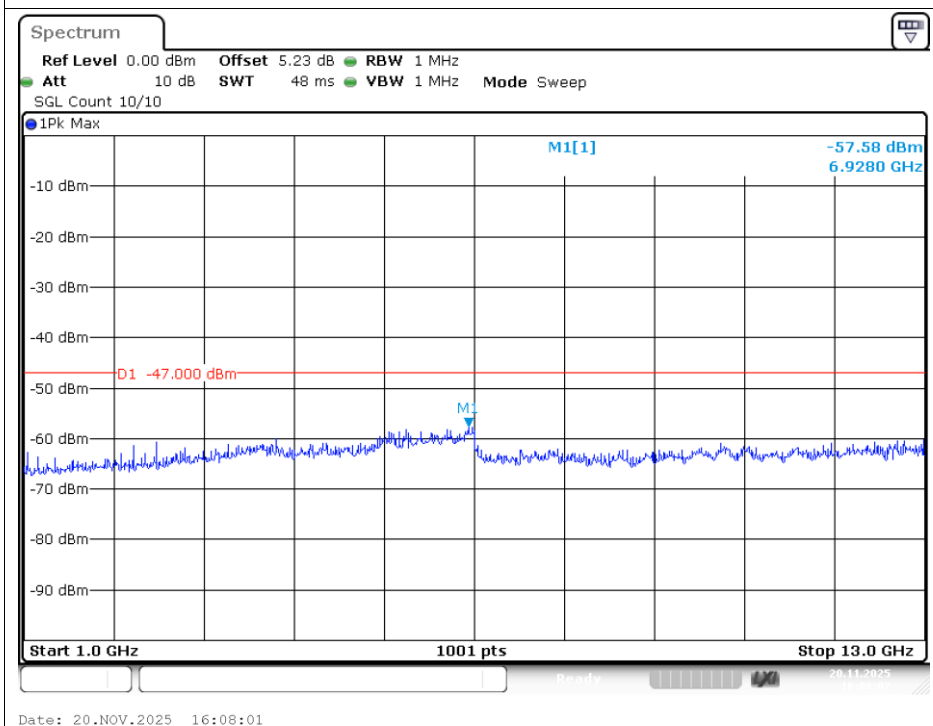
Rx. Spurious NVNT b 2442MHz Ant1 @ 1000MHz-13000MHz

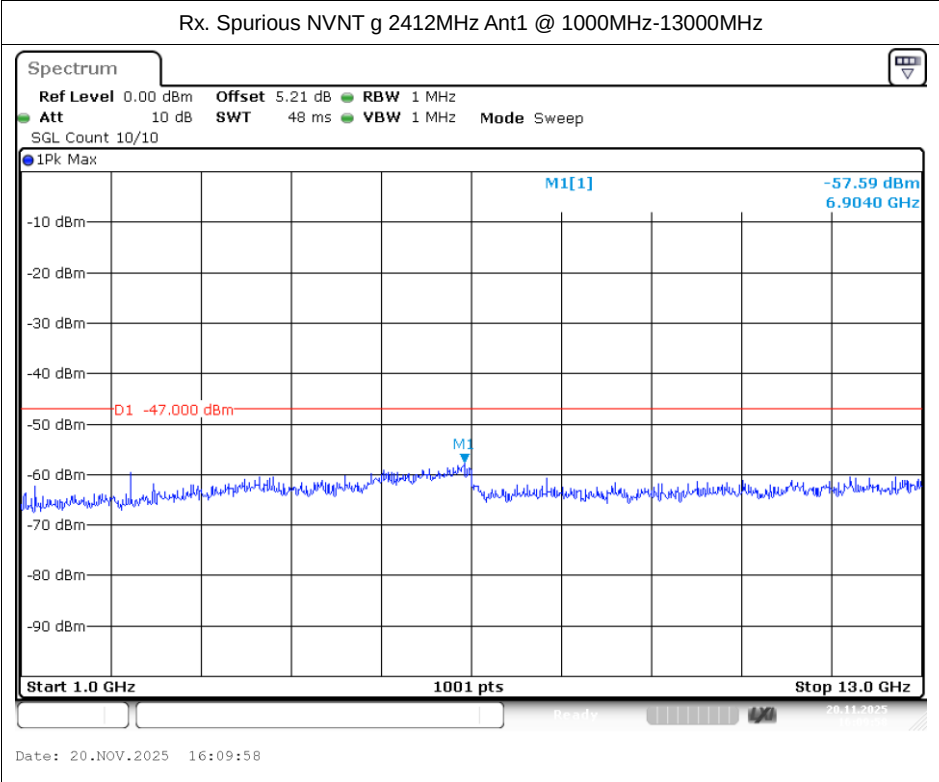
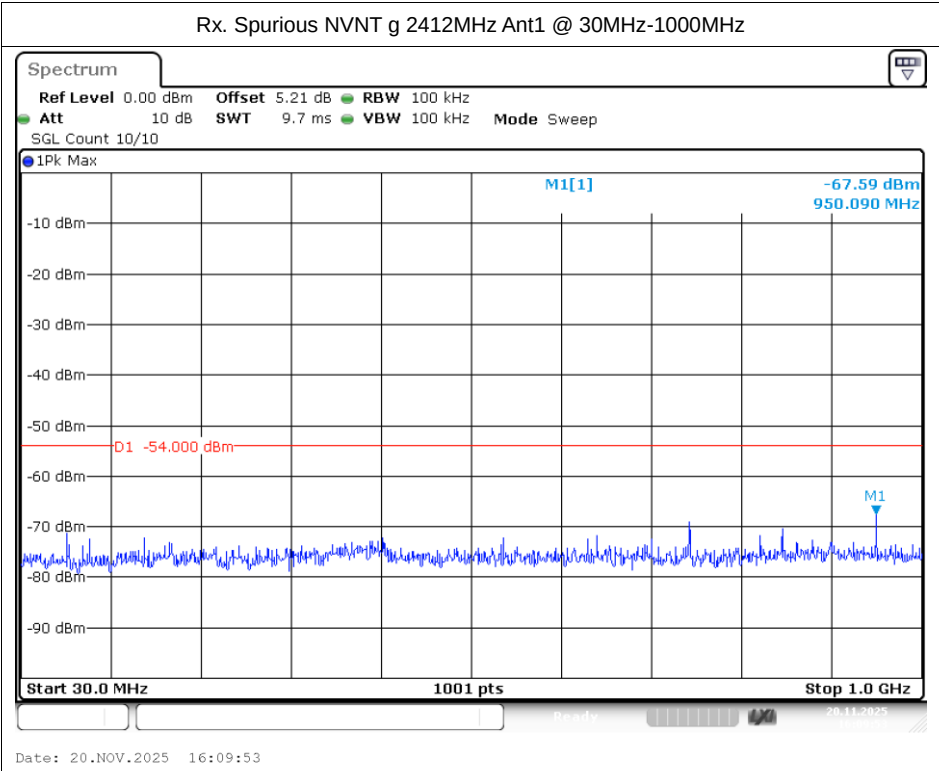


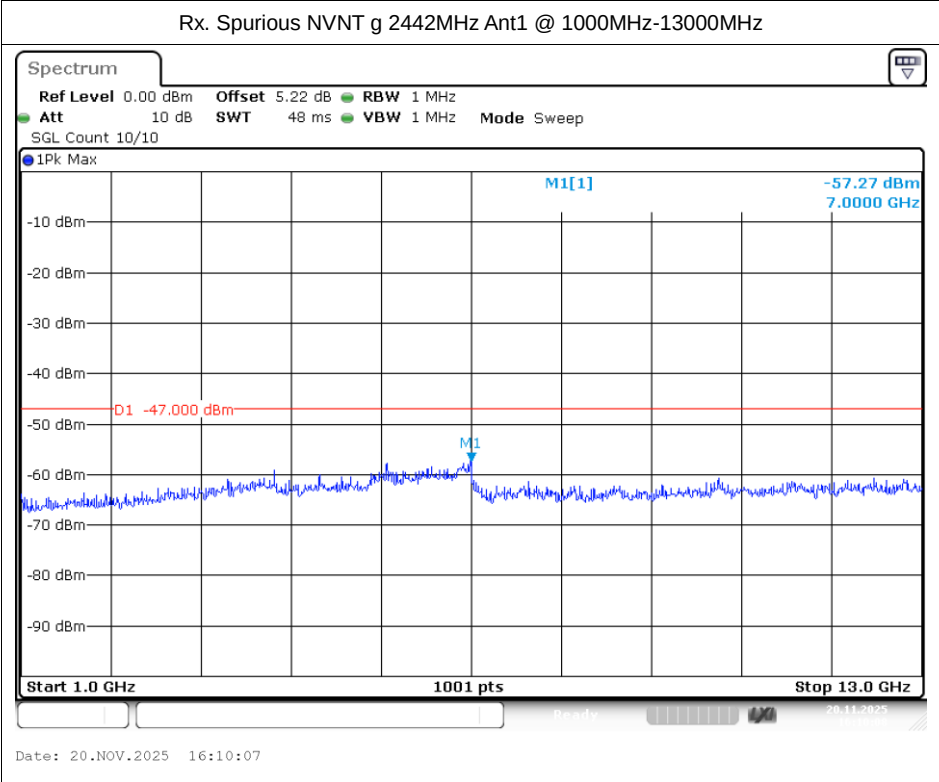
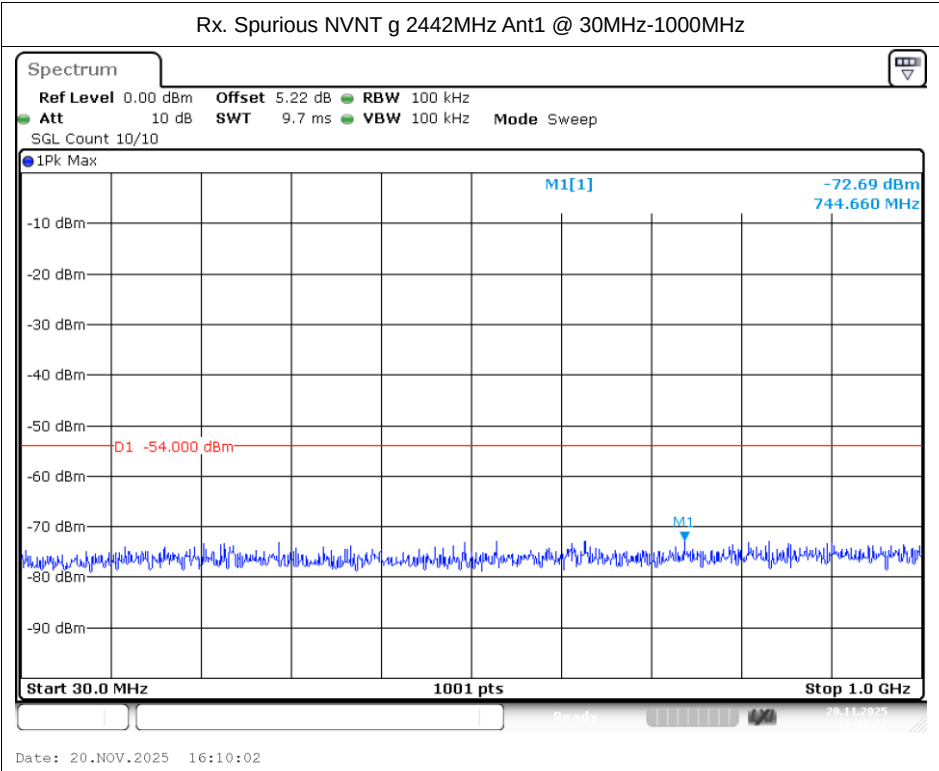
Rx. Spurious NVNT b 2472MHz Ant1 @ 30MHz-1000MHz

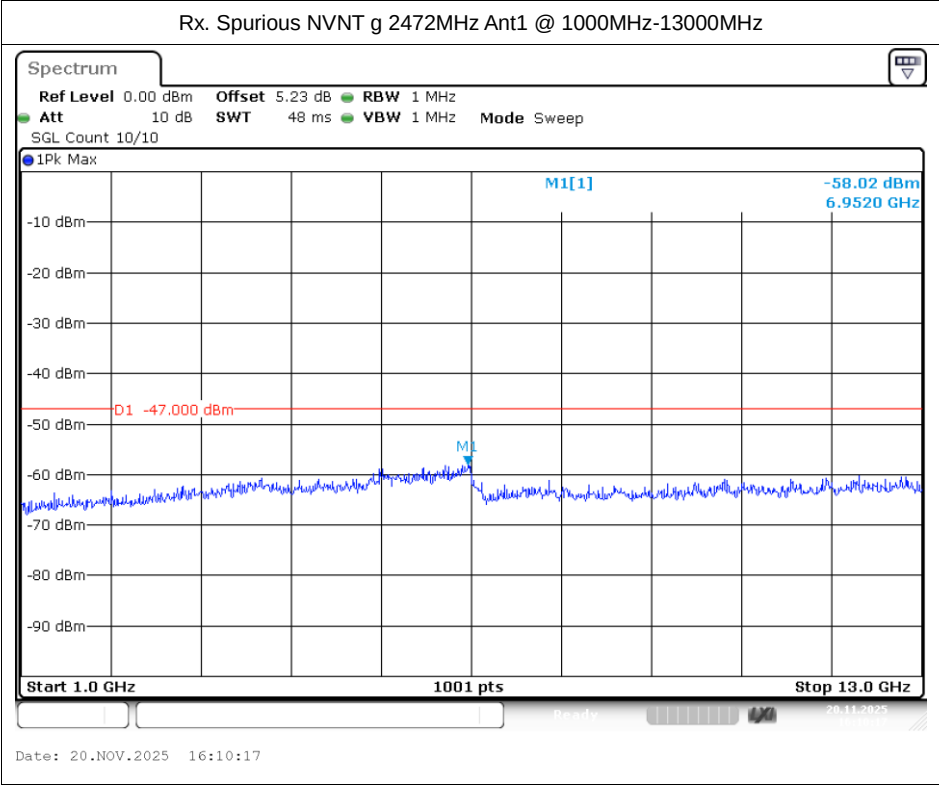
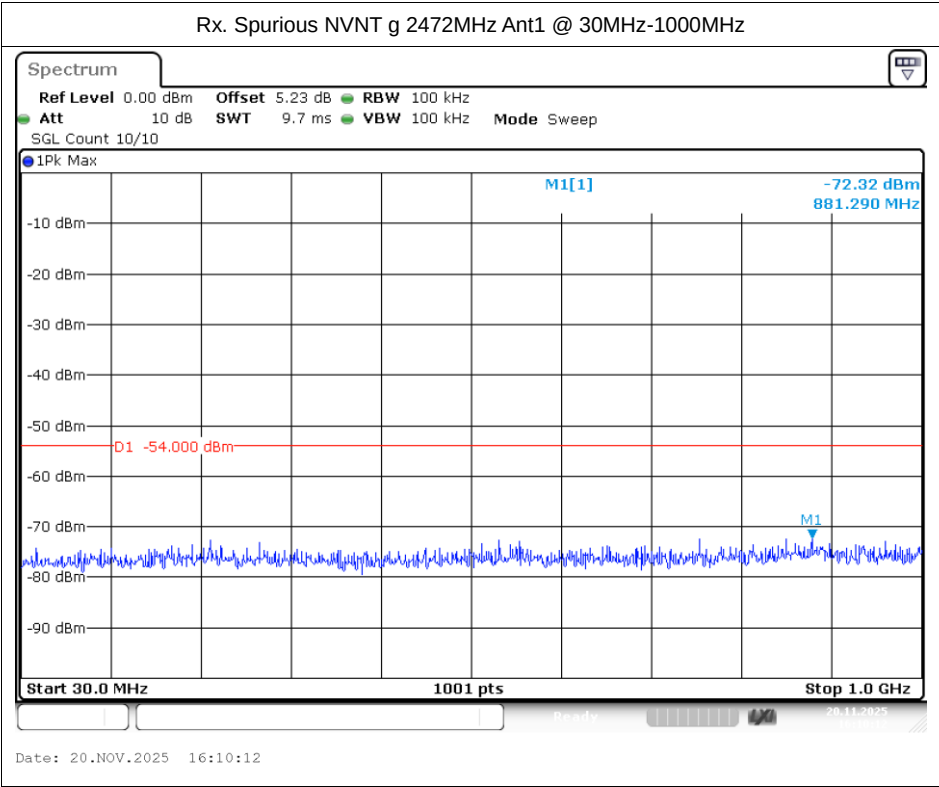


Rx. Spurious NVNT b 2472MHz Ant1 @ 1000MHz-13000MHz

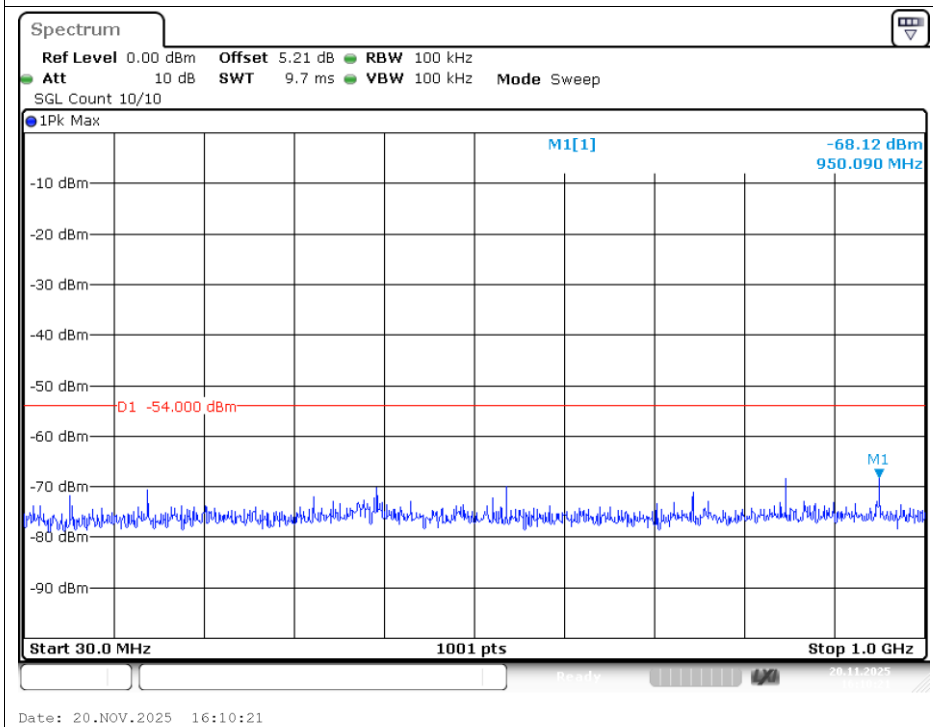




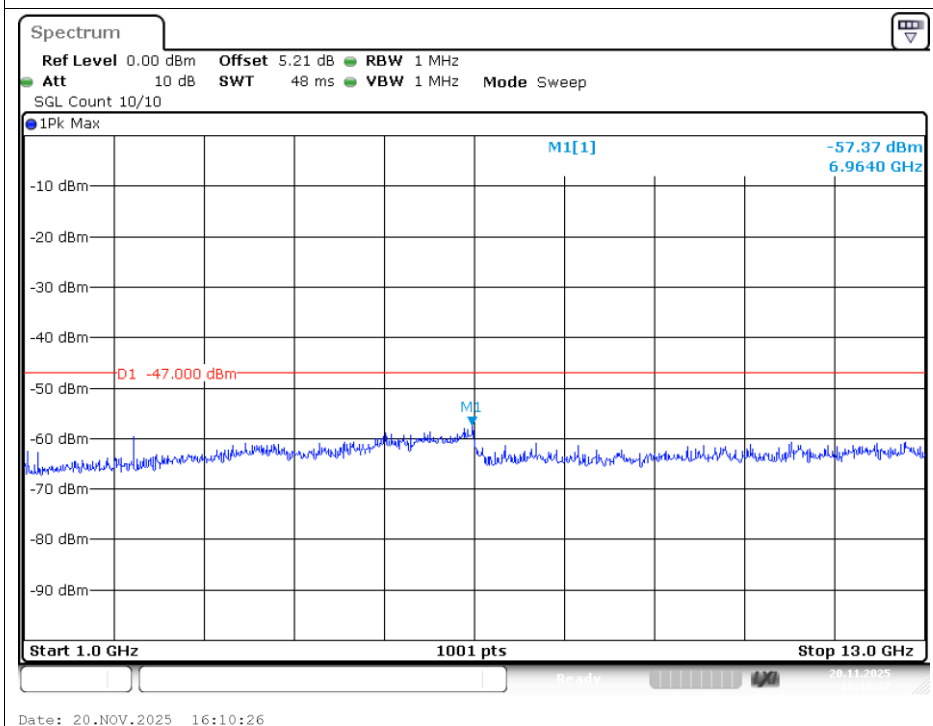




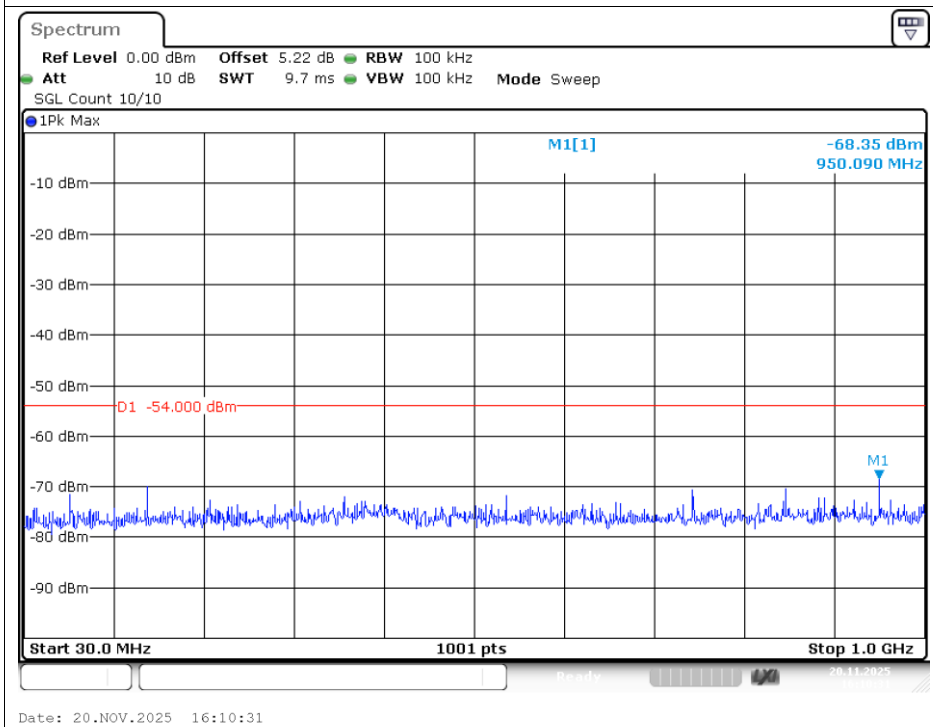
Rx. Spurious NVNT n20 2412MHz Ant1 @ 30MHz-1000MHz



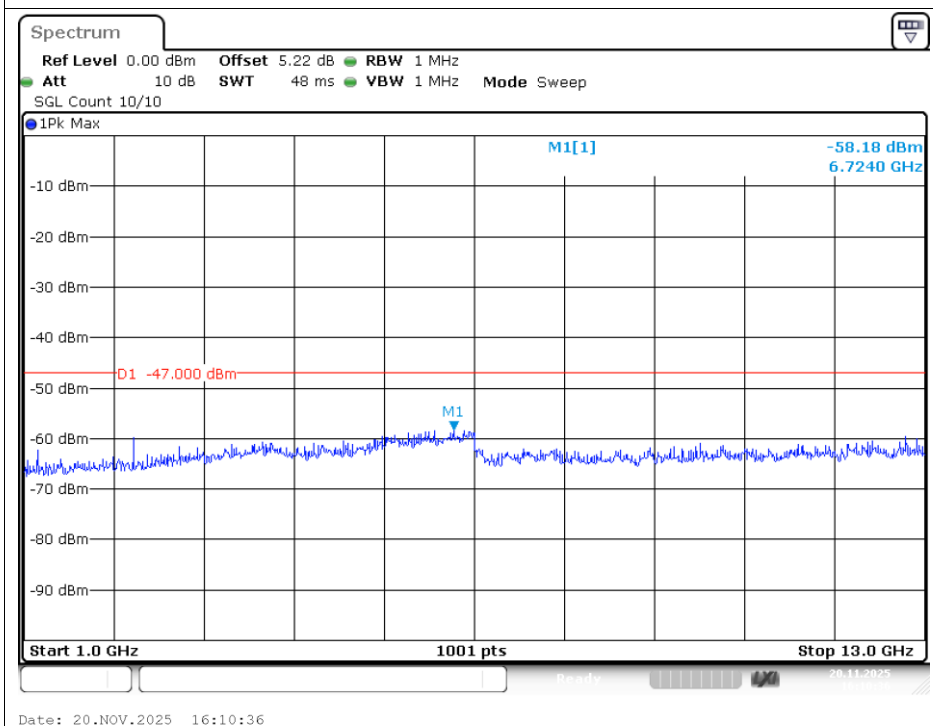
Rx. Spurious NVNT n20 2412MHz Ant1 @ 1000MHz-13000MHz



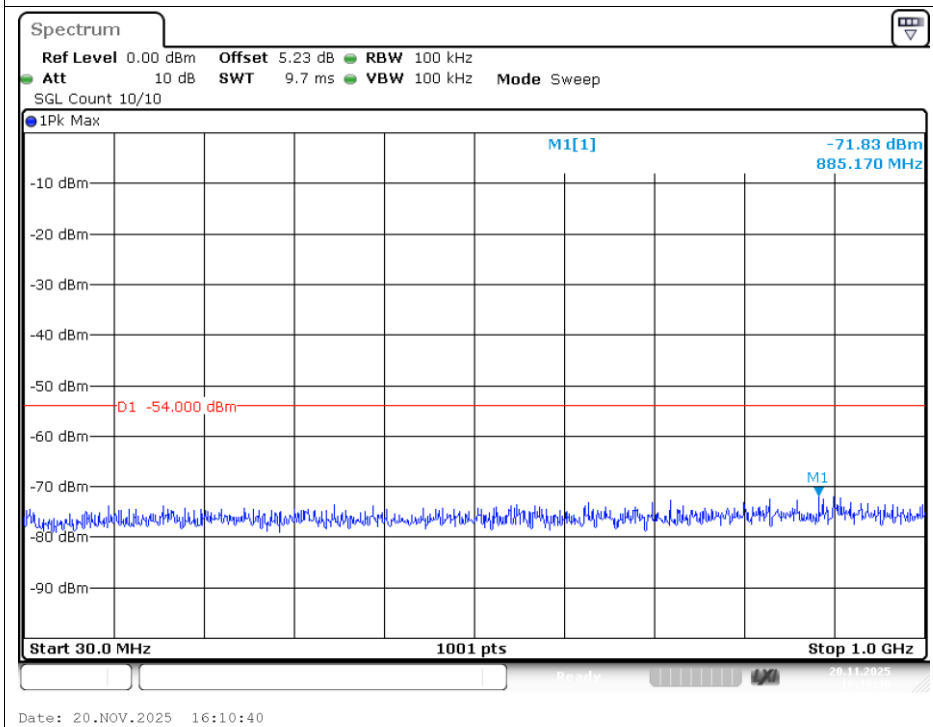
Rx. Spurious NVNT n20 2442MHz Ant1 @ 30MHz-1000MHz



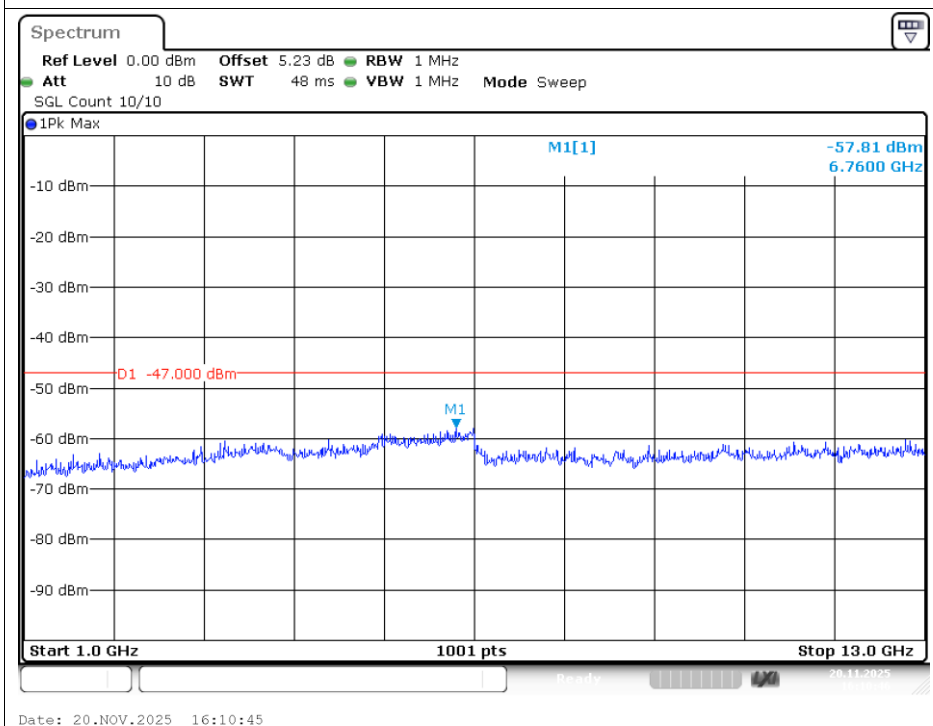
Rx. Spurious NVNT n20 2442MHz Ant1 @ 1000MHz-13000MHz

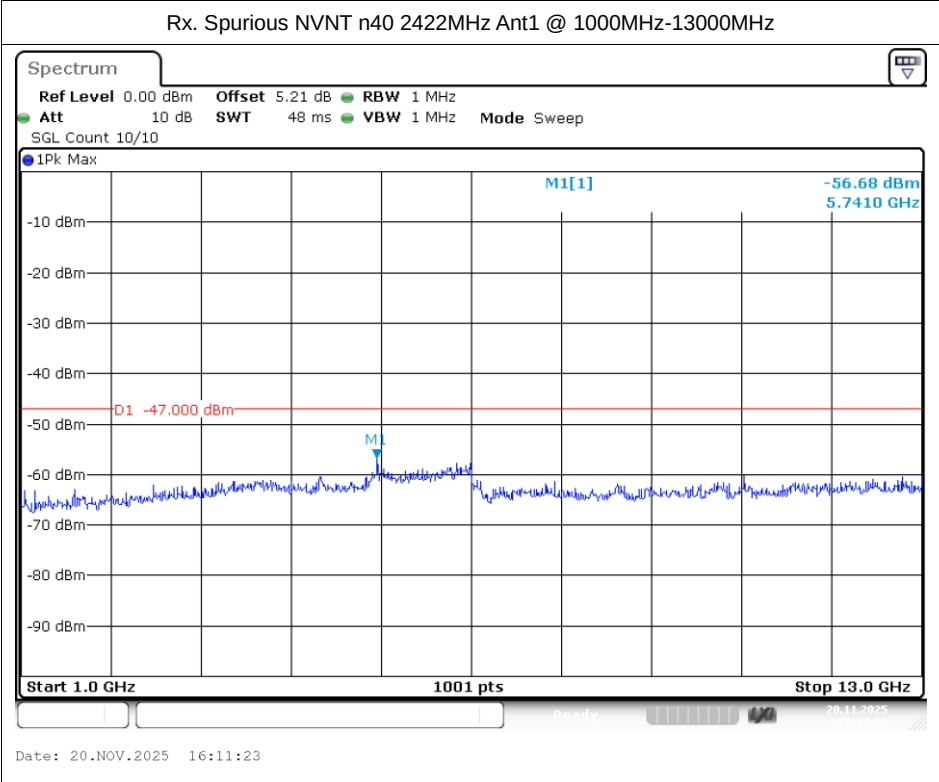
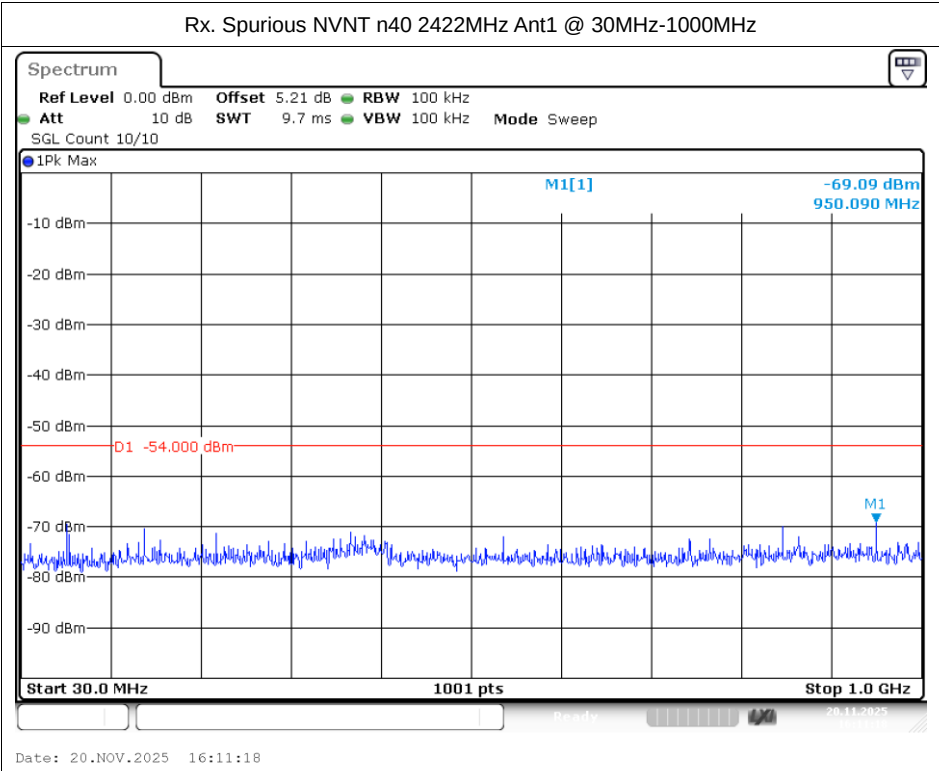


Rx. Spurious NVNT n20 2472MHz Ant1 @ 30MHz-1000MHz

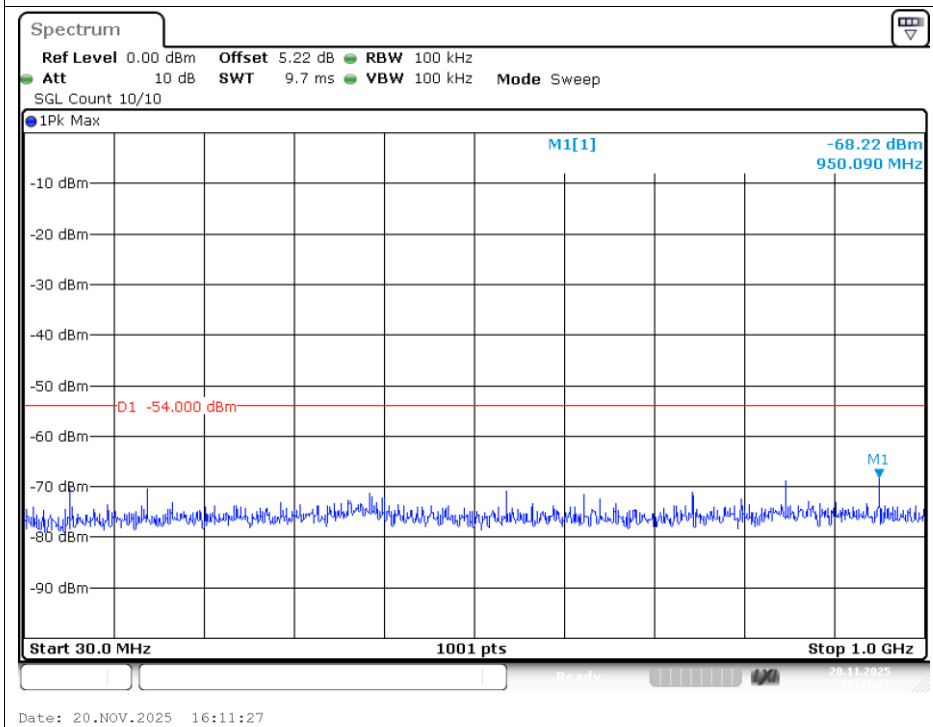


Rx. Spurious NVNT n20 2472MHz Ant1 @ 1000MHz-13000MHz





Rx. Spurious NVNT n40 2442MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT n40 2442MHz Ant1 @ 1000MHz-13000MHz

