

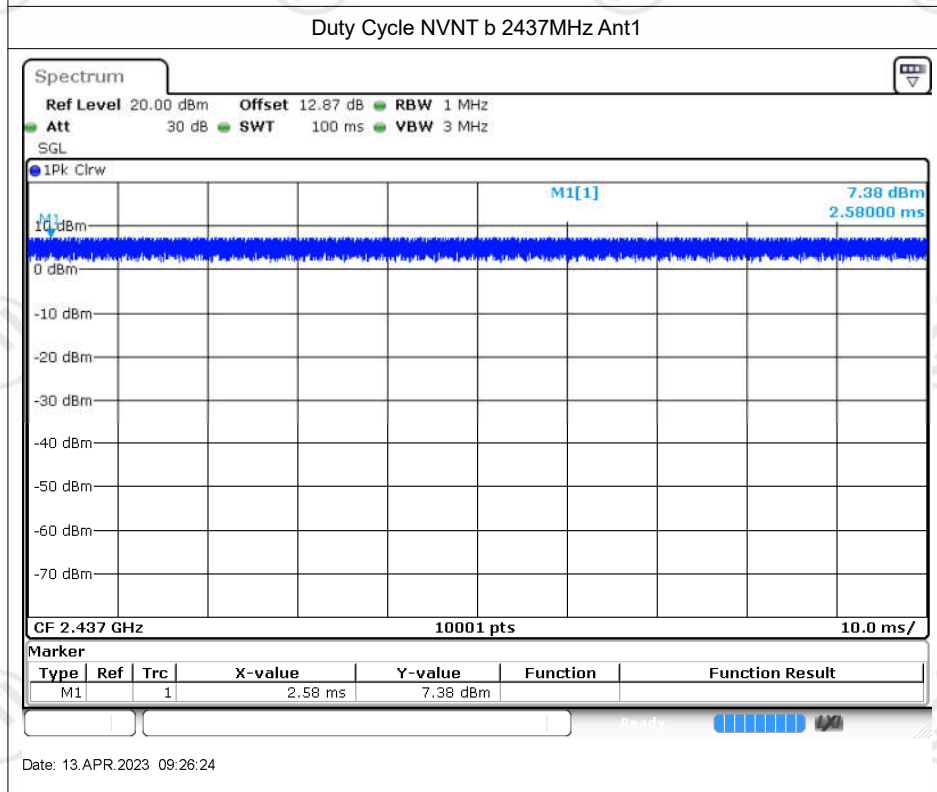
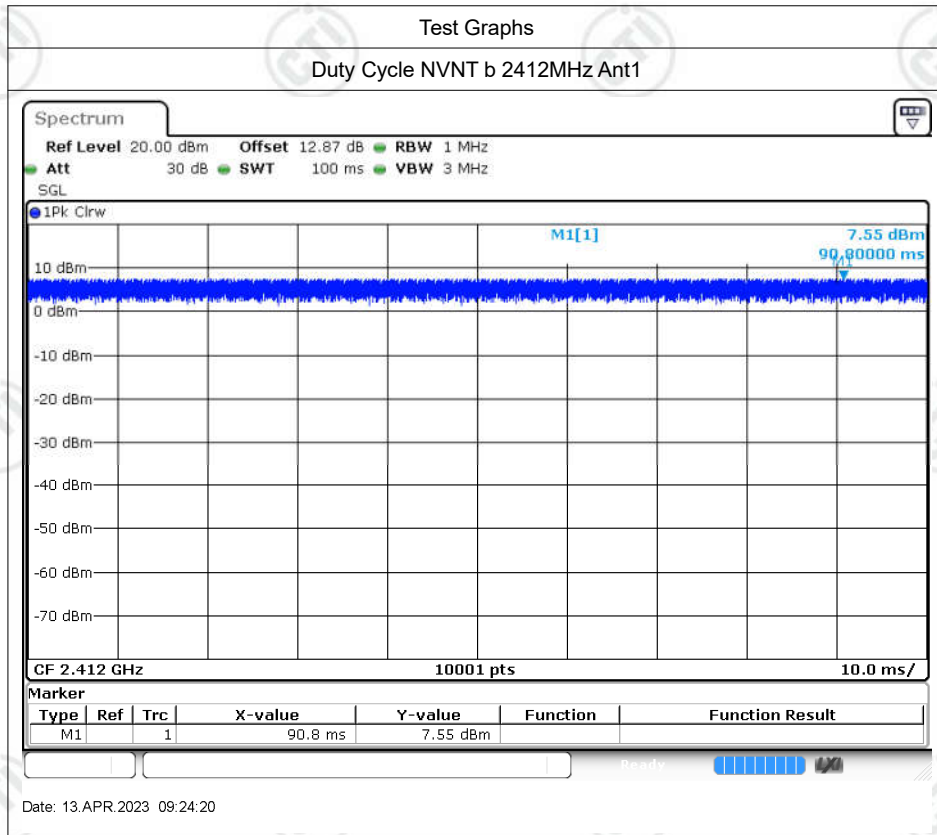
Appendix: 2.4G WIFI

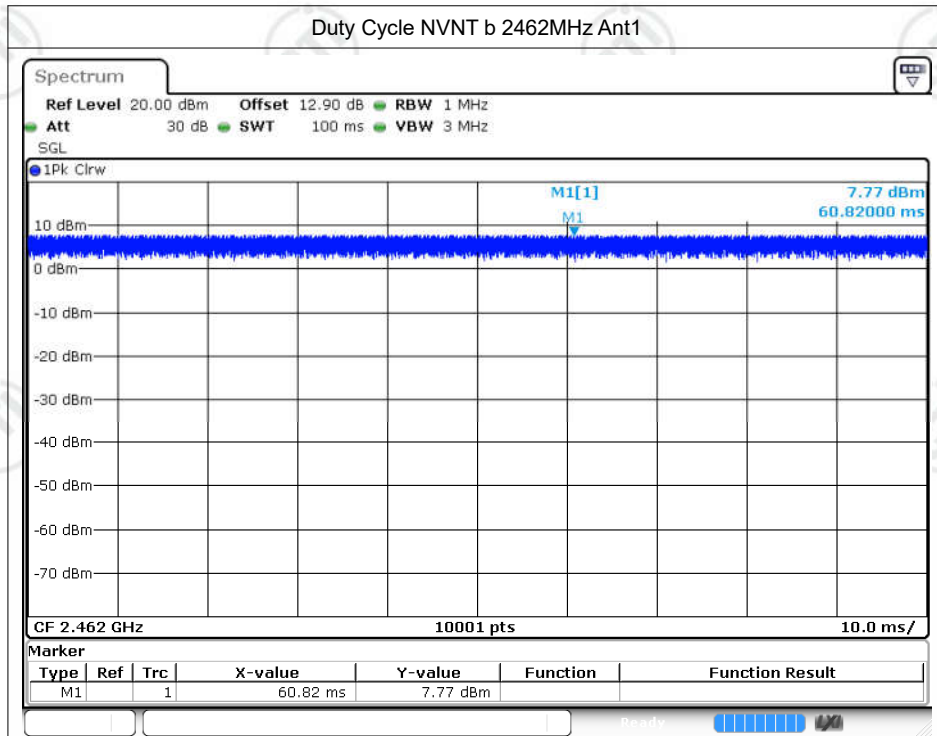
Contents

Contents	2
Duty Cycle	3
Maximum Peak Conducted Output Power	10
-6dB Bandwidth	11
Occupied Channel Bandwidth	18
Maximum Power Spectral Density Level	25
Band Edge	32
Conducted RF Spurious Emission	41

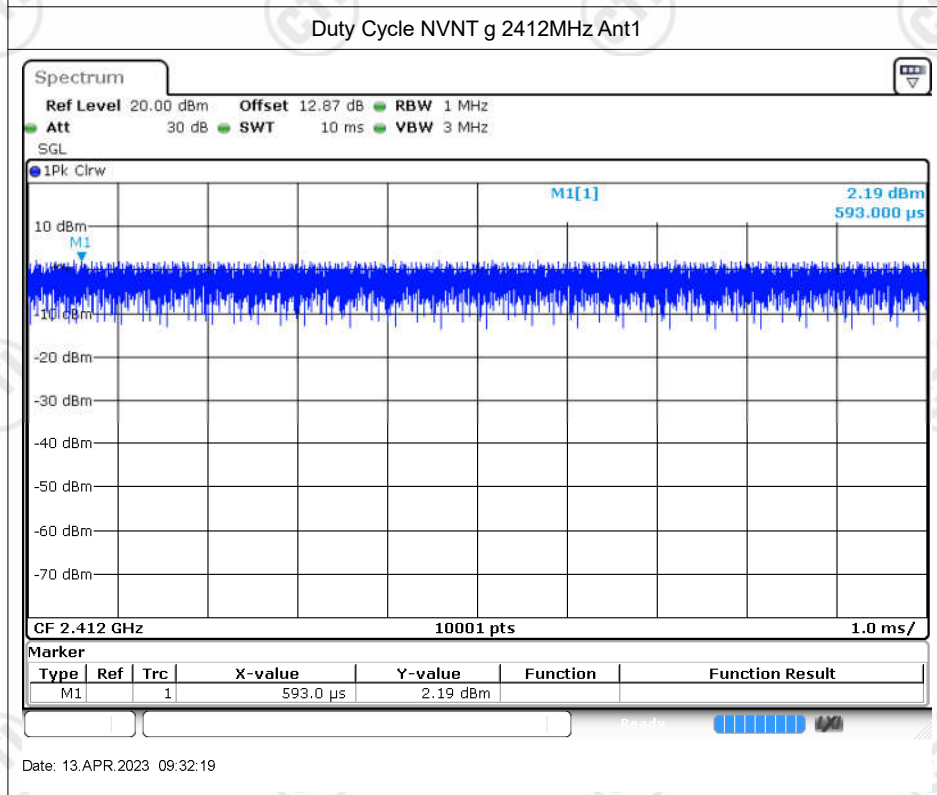
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	100	0	0
NVNT	b	2437	Ant1	100	0	0
NVNT	b	2462	Ant1	100	0	0
NVNT	g	2412	Ant1	100	0	0
NVNT	g	2437	Ant1	100	0	0
NVNT	g	2462	Ant1	100	0	0
NVNT	n20	2412	Ant1	100	0	0
NVNT	n20	2437	Ant1	100	0	0
NVNT	n20	2462	Ant1	100	0	0
NVNT	n40	2422	Ant1	100	0	0
NVNT	n40	2437	Ant1	100	0	0
NVNT	n40	2452	Ant1	100	0	0

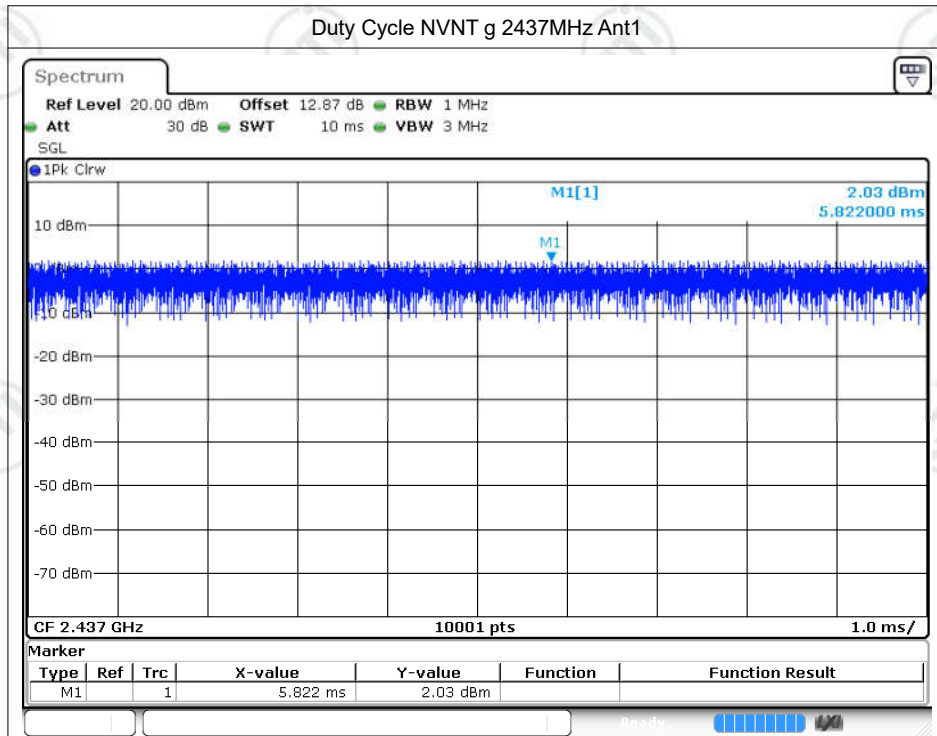




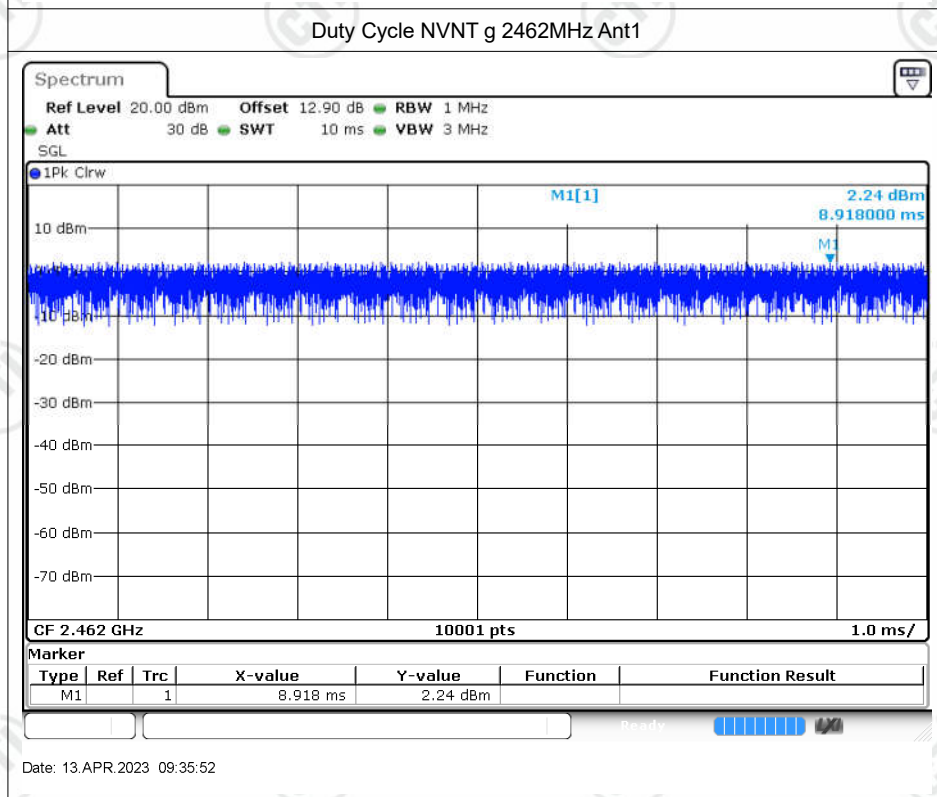
Date: 13.APR.2023 09:28:27



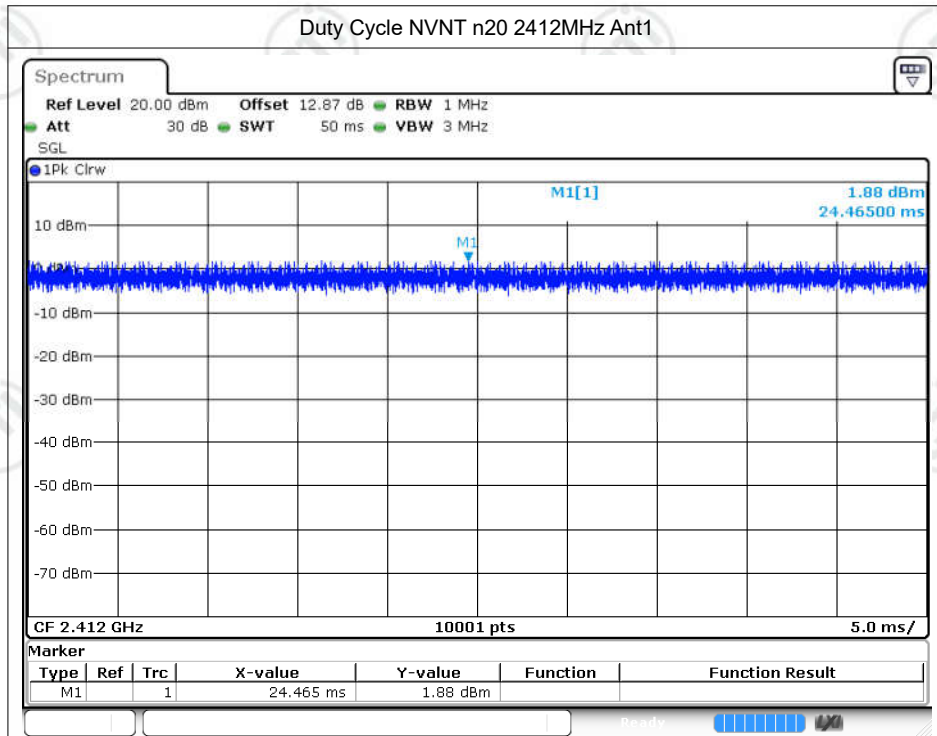
Date: 13.APR.2023 09:32:19



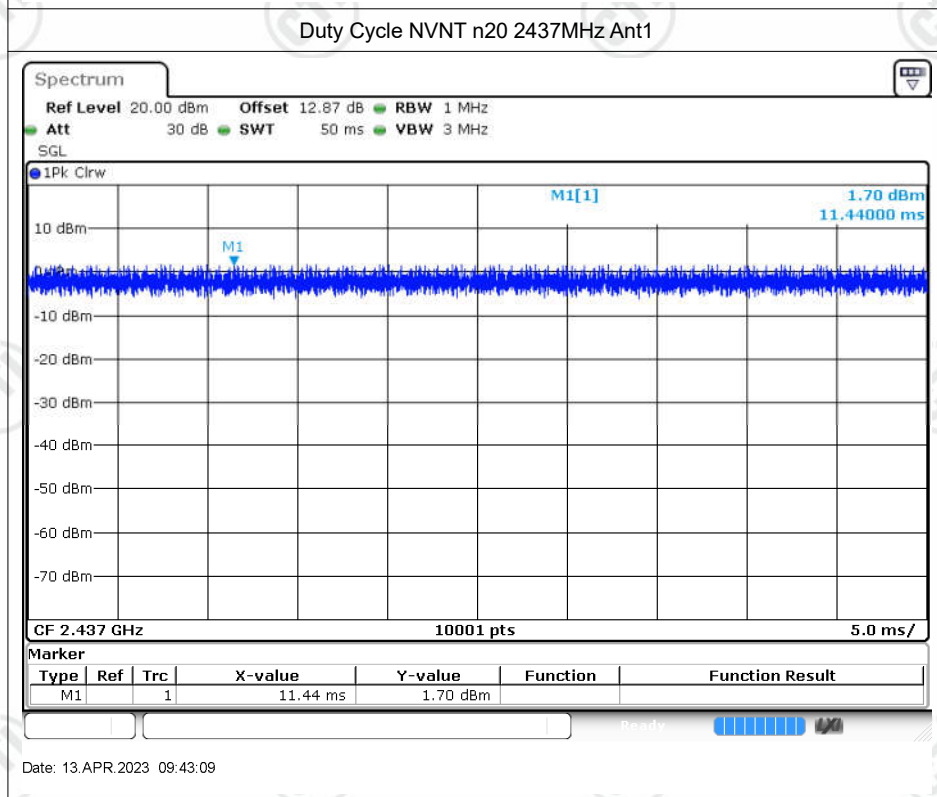
Date: 13.APR.2023 09:34:08



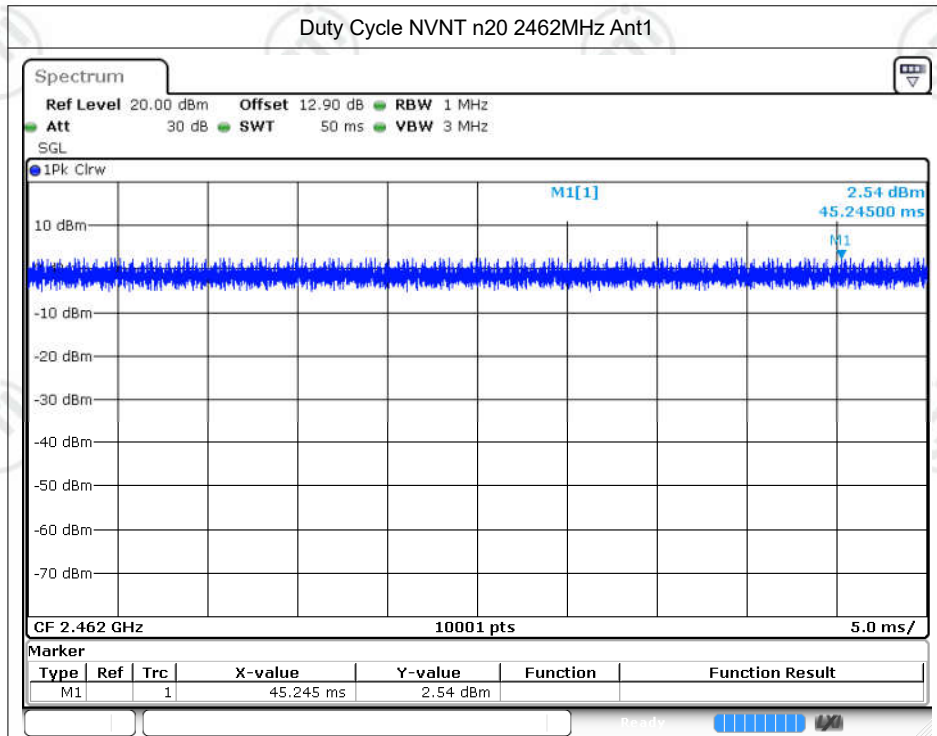
Date: 13.APR.2023 09:35:52



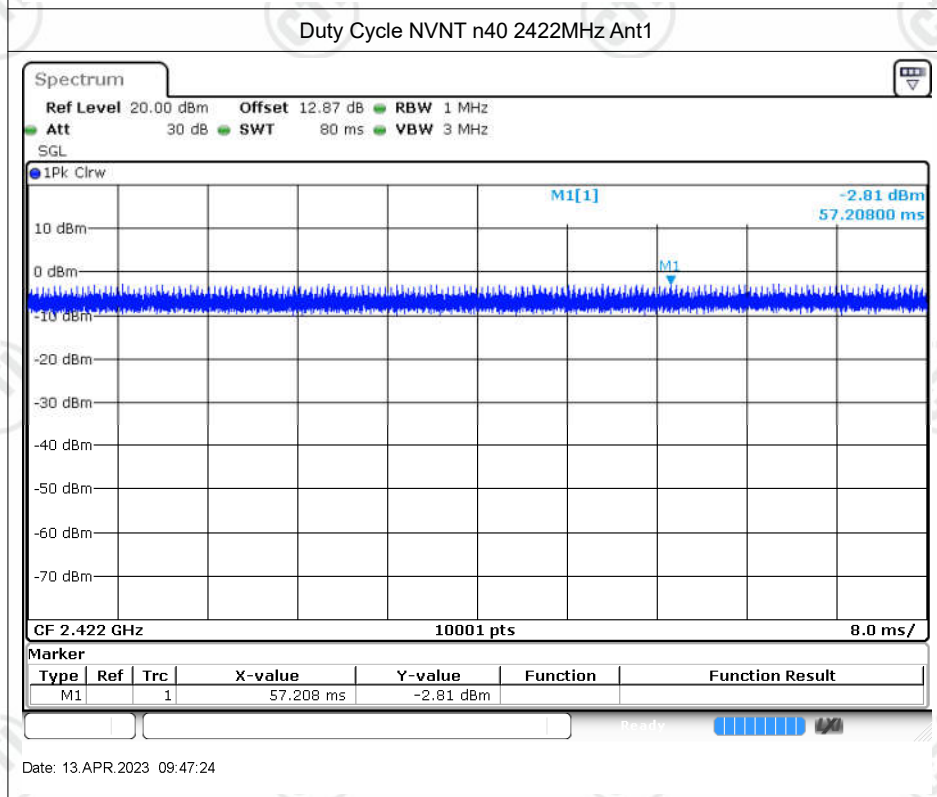
Date: 13.APR.2023 09:40:46



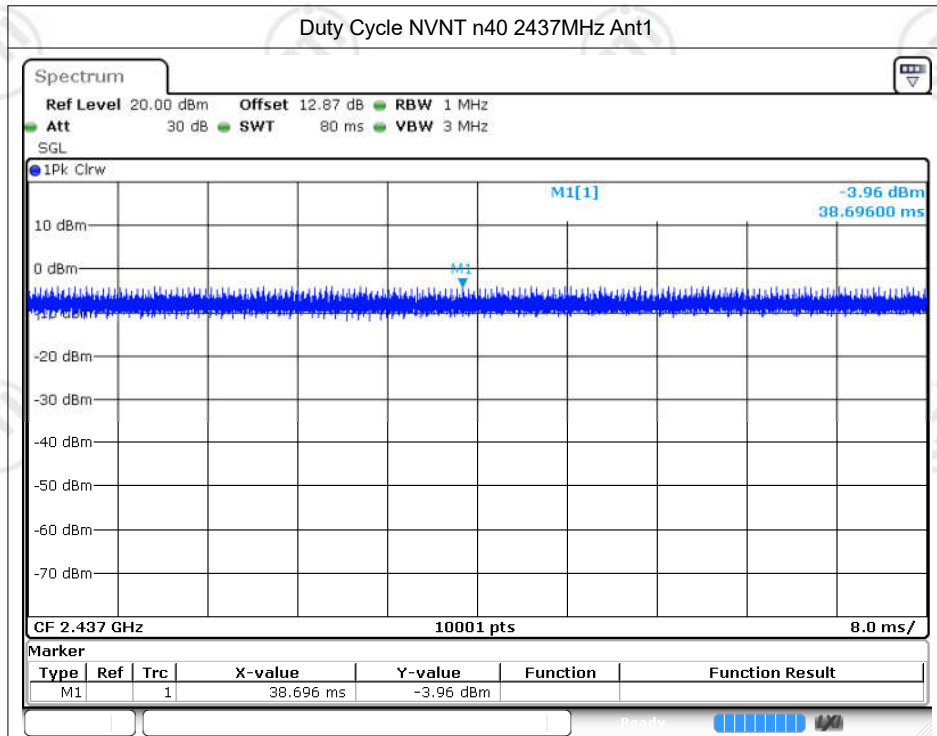
Date: 13.APR.2023 09:43:09



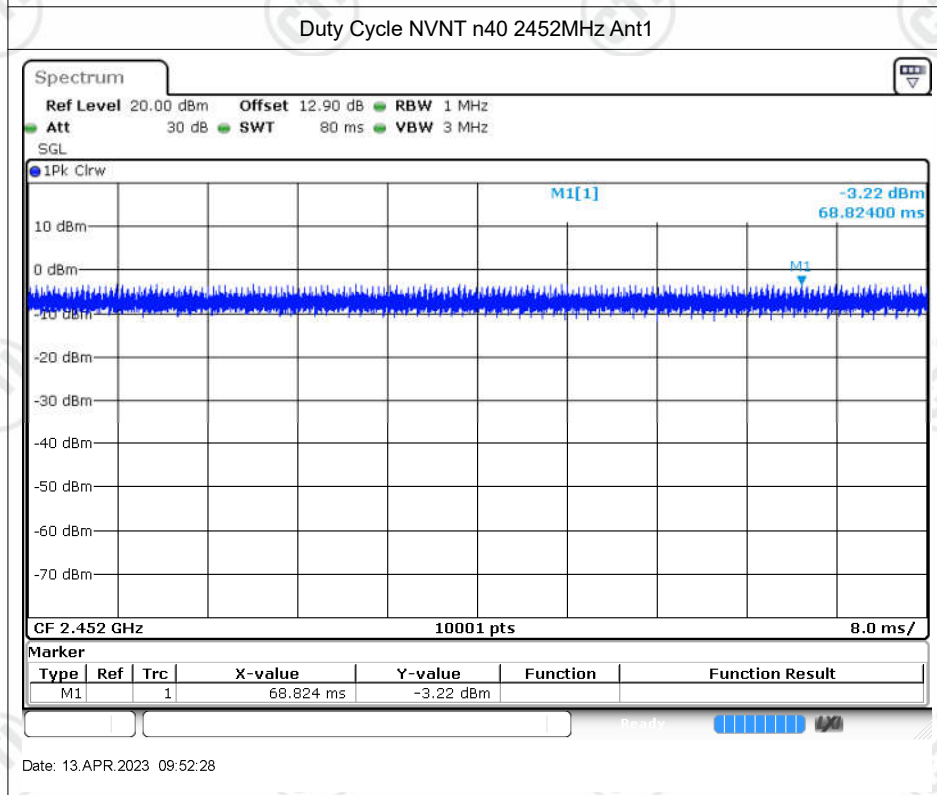
Date: 13.APR.2023 09:45:24



Date: 13.APR.2023 09:47:24



Date: 13.APR.2023 09:50:01



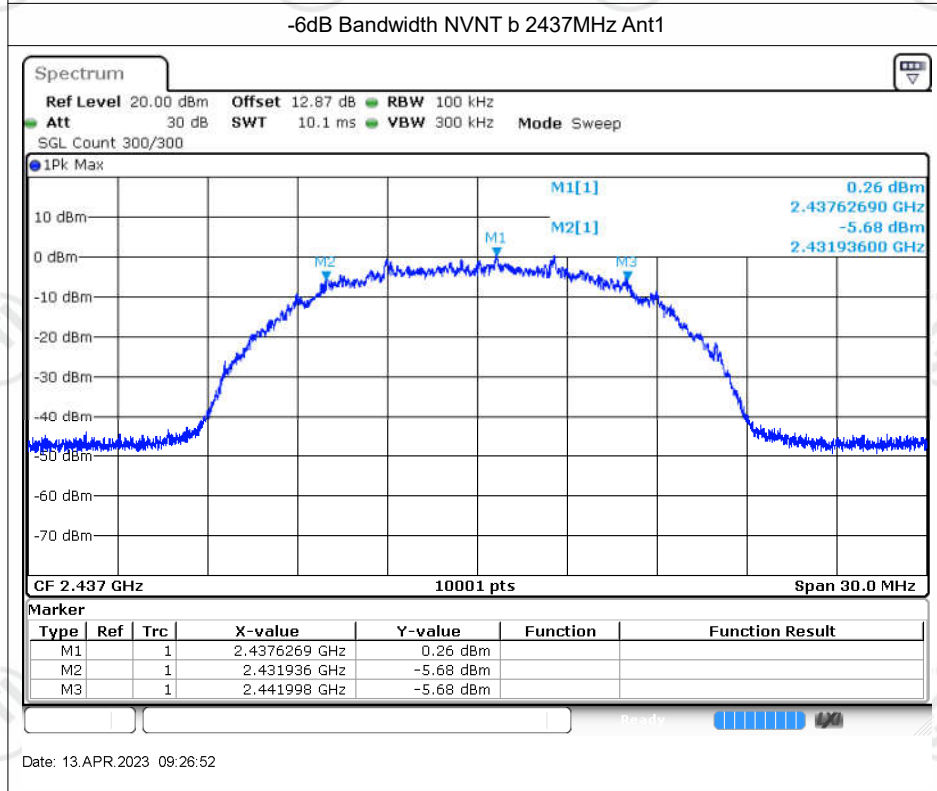
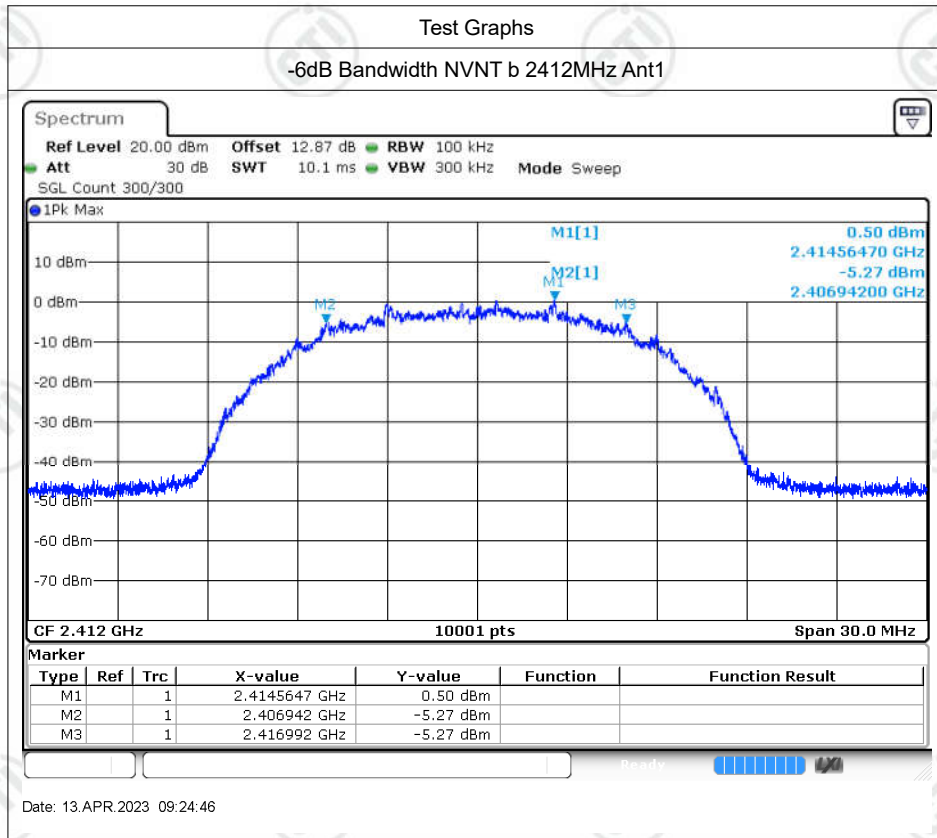
Date: 13.APR.2023 09:52:28

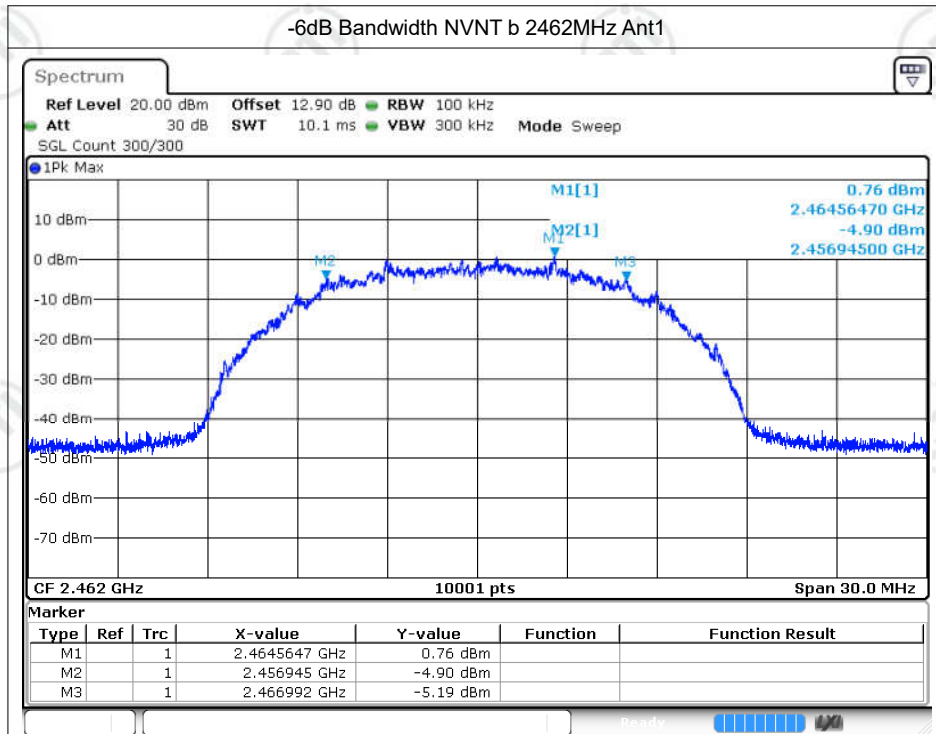
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	16.23	30	Pass
NVNT	b	2437	Ant1	16.07	30	Pass
NVNT	b	2462	Ant1	16.54	30	Pass
NVNT	g	2412	Ant1	15.66	30	Pass
NVNT	g	2437	Ant1	15.49	30	Pass
NVNT	g	2462	Ant1	15.84	30	Pass
NVNT	n20	2412	Ant1	14.15	30	Pass
NVNT	n20	2437	Ant1	14.46	30	Pass
NVNT	n20	2462	Ant1	14.78	30	Pass
NVNT	n40	2422	Ant1	14.24	30	Pass
NVNT	n40	2437	Ant1	14.49	30	Pass
NVNT	n40	2452	Ant1	14.67	30	Pass

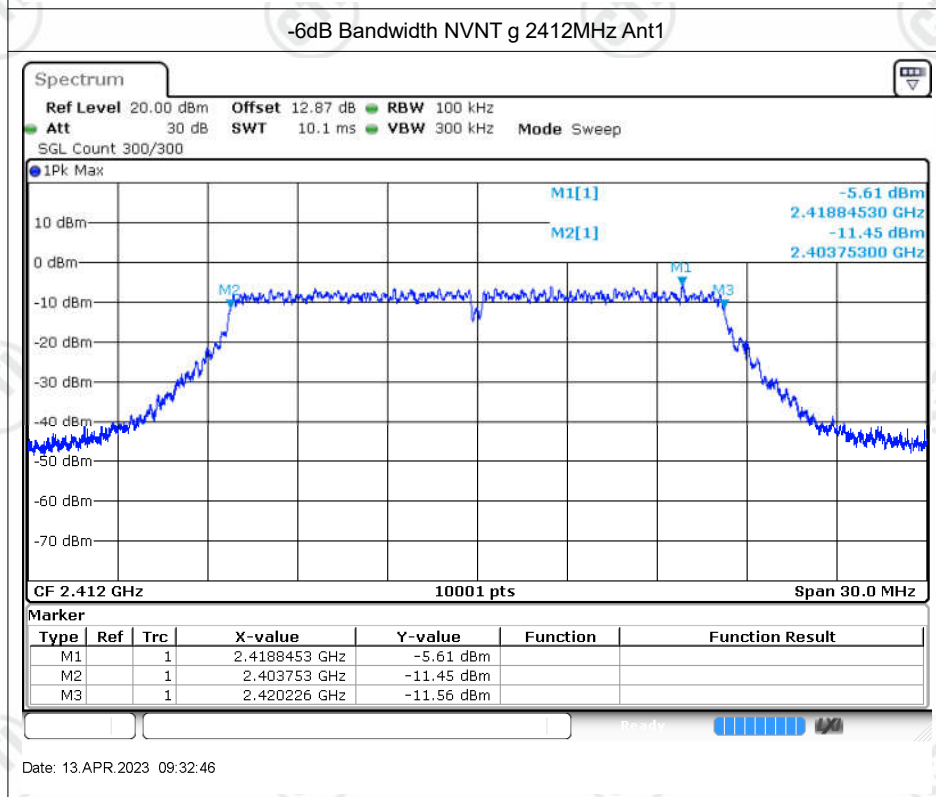
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.05	0.5	Pass
NVNT	b	2437	Ant1	10.062	0.5	Pass
NVNT	b	2462	Ant1	10.047	0.5	Pass
NVNT	g	2412	Ant1	16.473	0.5	Pass
NVNT	g	2437	Ant1	16.476	0.5	Pass
NVNT	g	2462	Ant1	16.437	0.5	Pass
NVNT	n20	2412	Ant1	17.601	0.5	Pass
NVNT	n20	2437	Ant1	17.592	0.5	Pass
NVNT	n20	2462	Ant1	17.598	0.5	Pass
NVNT	n40	2422	Ant1	36.444	0.5	Pass
NVNT	n40	2437	Ant1	36.39	0.5	Pass
NVNT	n40	2452	Ant1	36.438	0.5	Pass

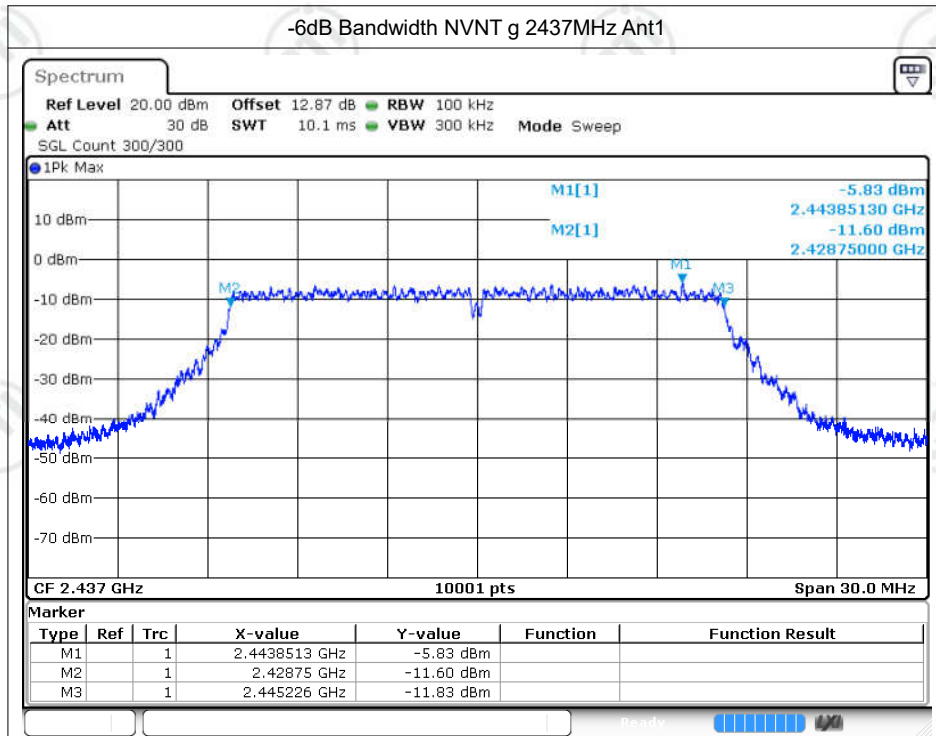




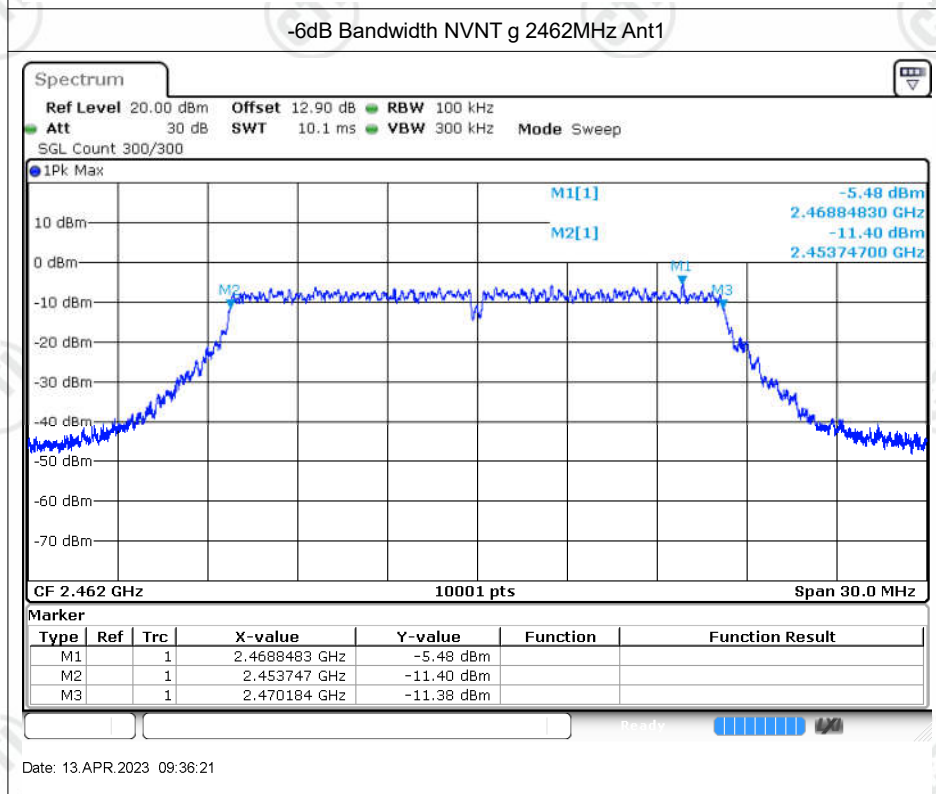
Date: 13.APR.2023 09:28:56



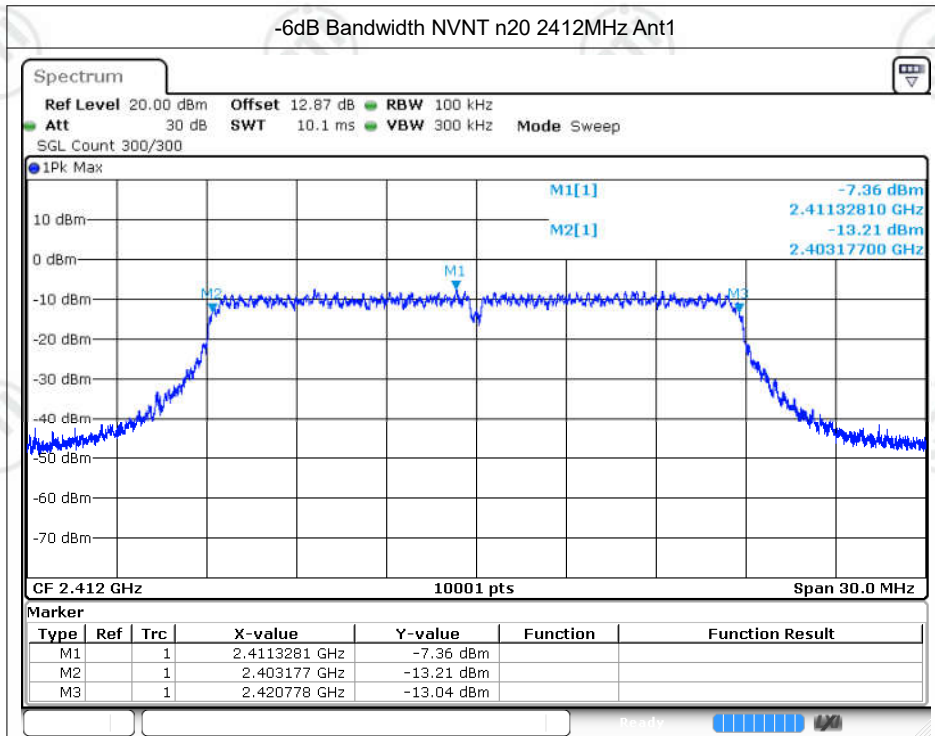
Date: 13.APR.2023 09:32:46



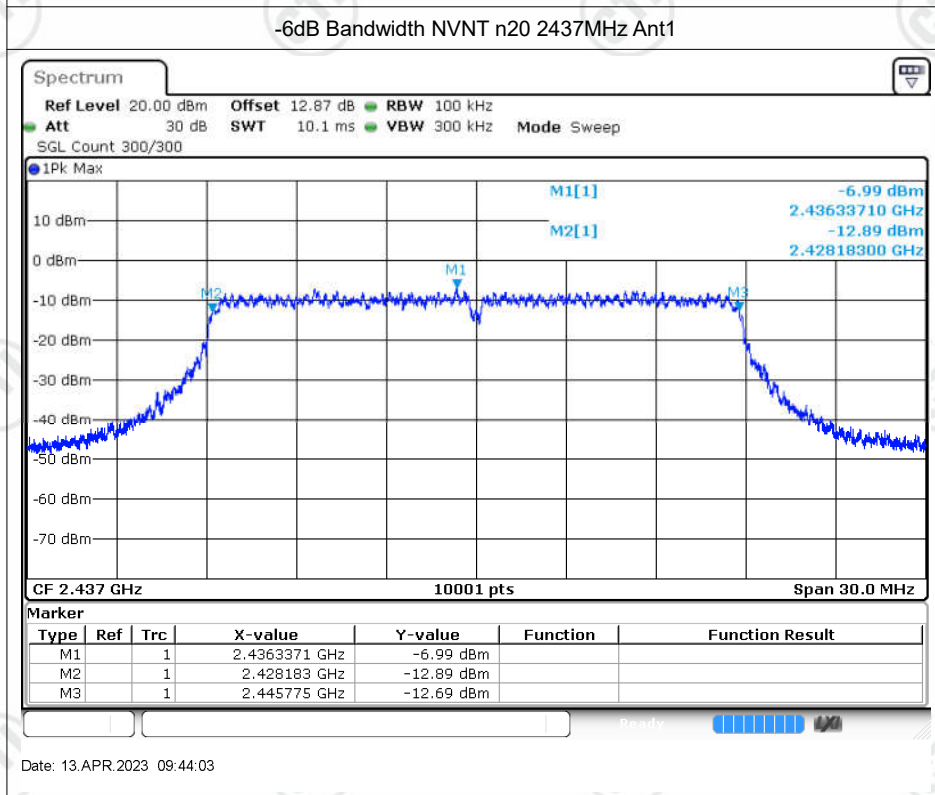
Date: 13.APR.2023 09:34:35



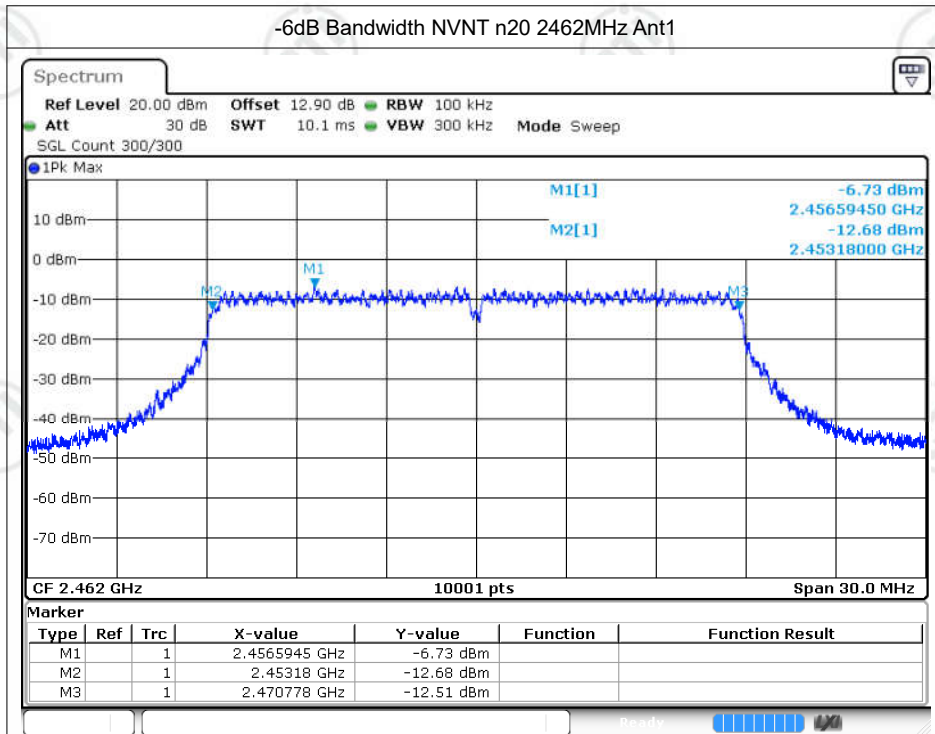
Date: 13.APR.2023 09:36:21



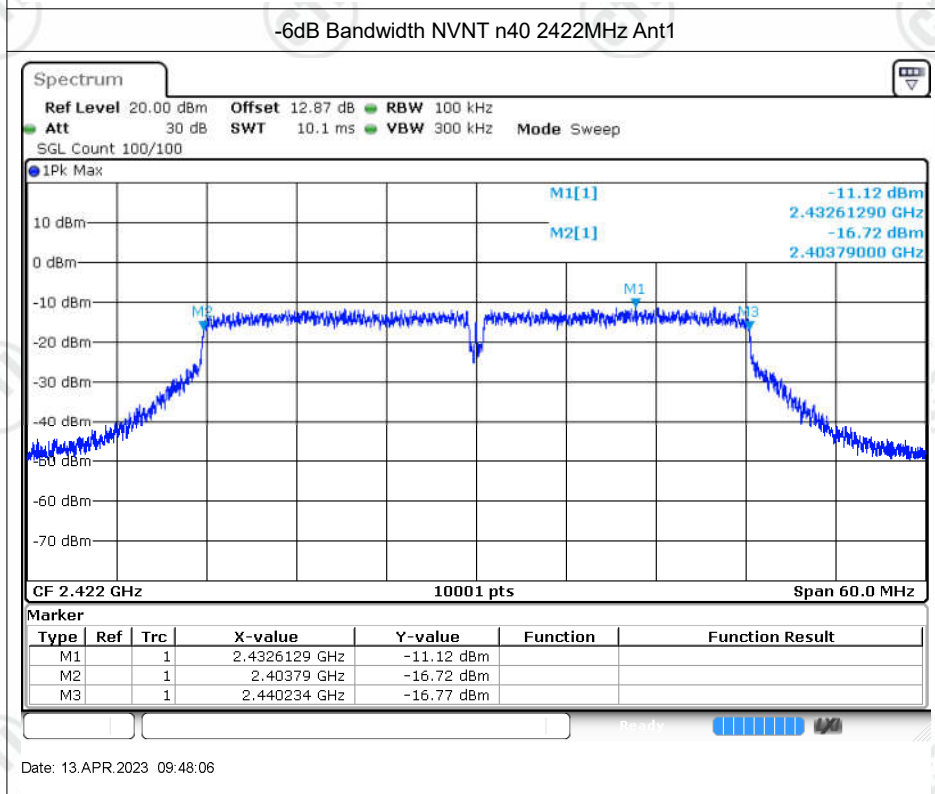
Date: 13.APR.2023 09:41:13



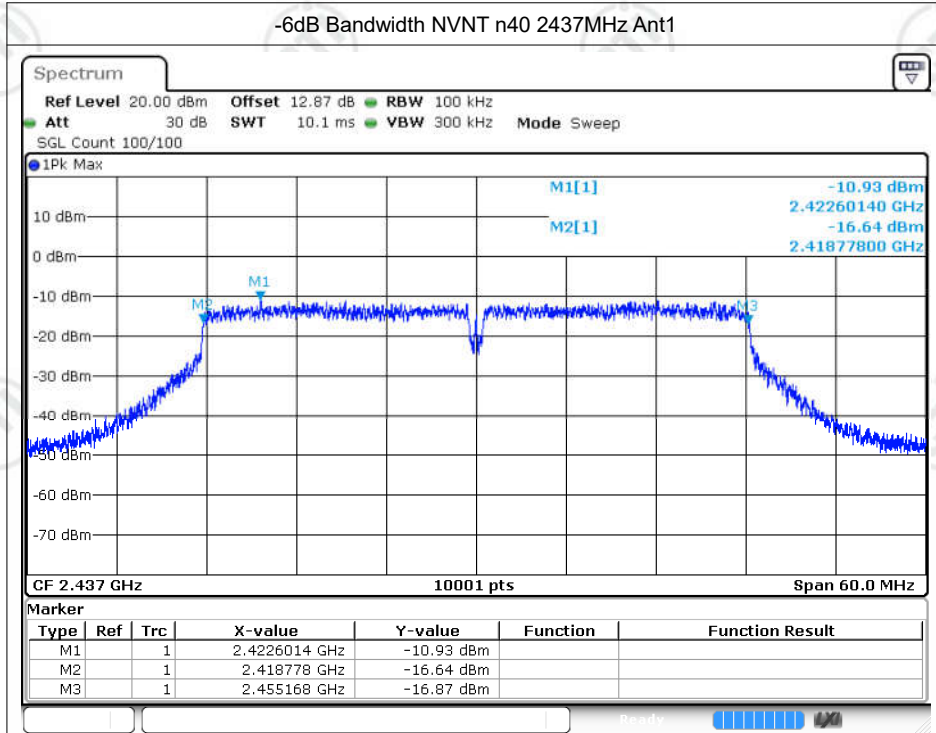
Date: 13.APR.2023 09:44:03



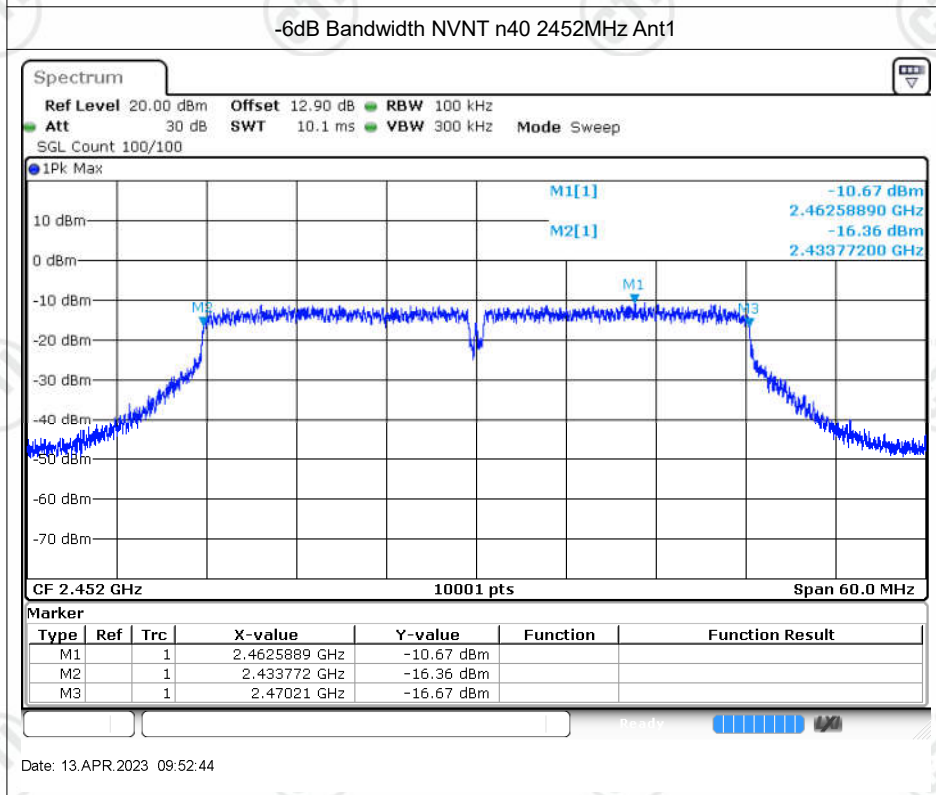
Date: 13.APR.2023 09:45:53



Date: 13.APR.2023 09:48:06



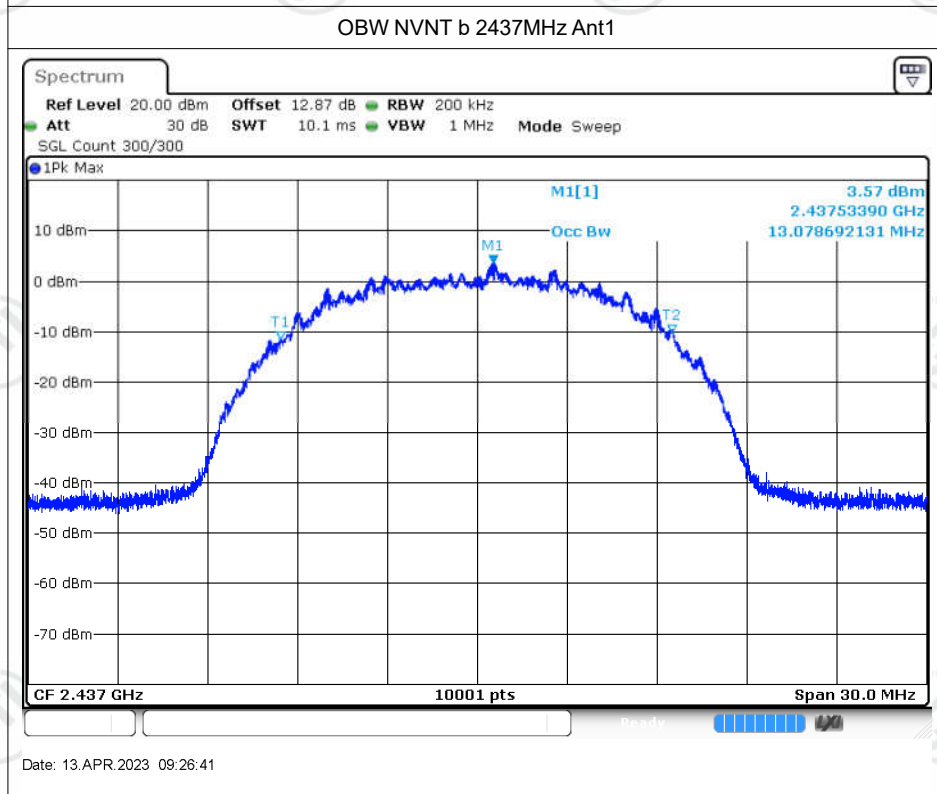
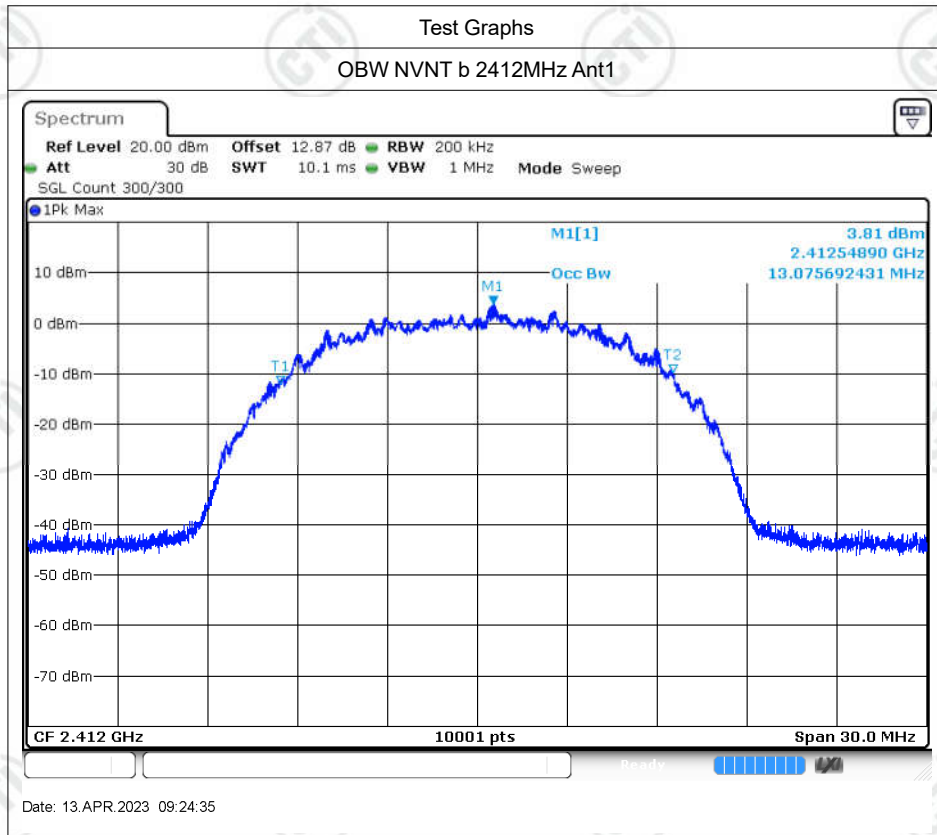
Date: 13.APR.2023 09:50:37

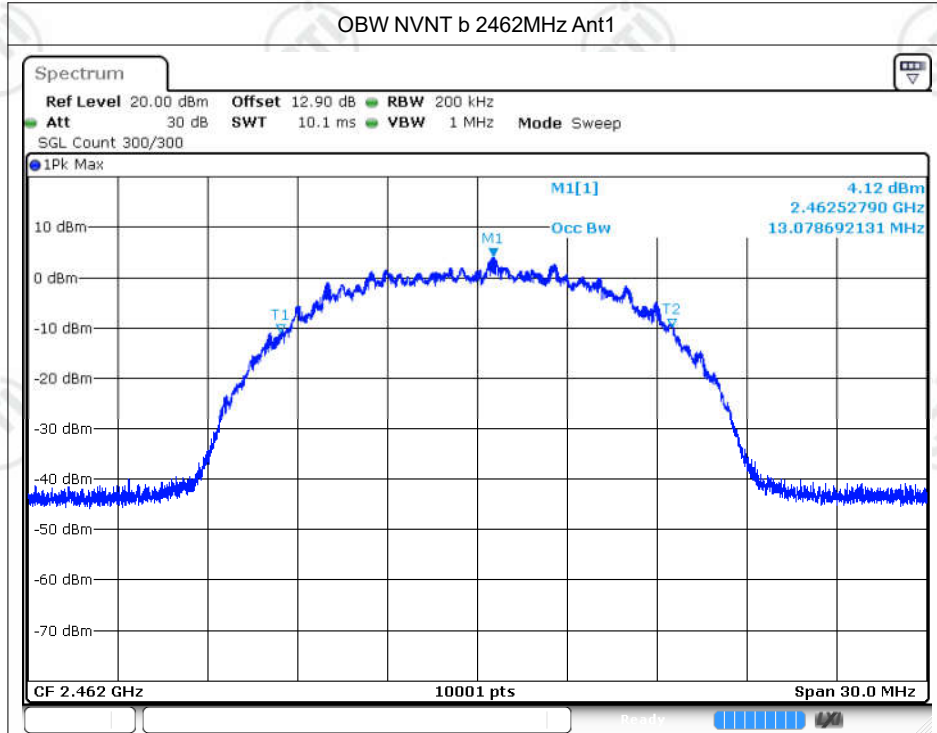


Date: 13.APR.2023 09:52:44

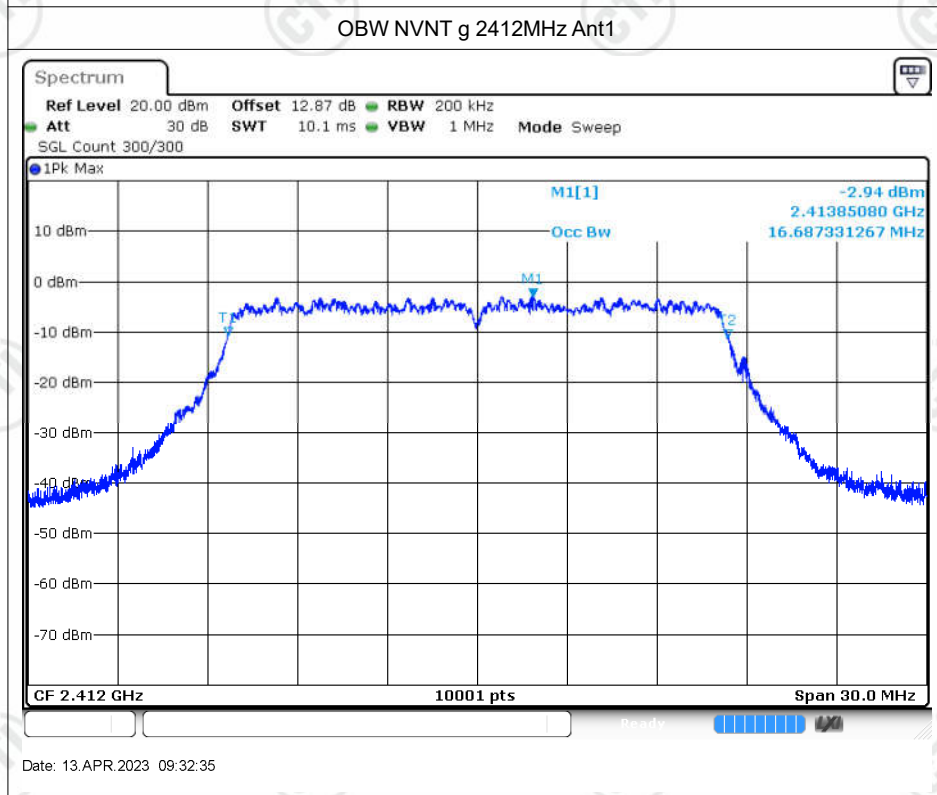
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.076
NVNT	b	2437	Ant1	13.079
NVNT	b	2462	Ant1	13.079
NVNT	g	2412	Ant1	16.687
NVNT	g	2437	Ant1	16.684
NVNT	g	2462	Ant1	16.684
NVNT	n20	2412	Ant1	17.581
NVNT	n20	2437	Ant1	17.581
NVNT	n20	2462	Ant1	17.581
NVNT	n40	2422	Ant1	36.524
NVNT	n40	2437	Ant1	36.542
NVNT	n40	2452	Ant1	36.536

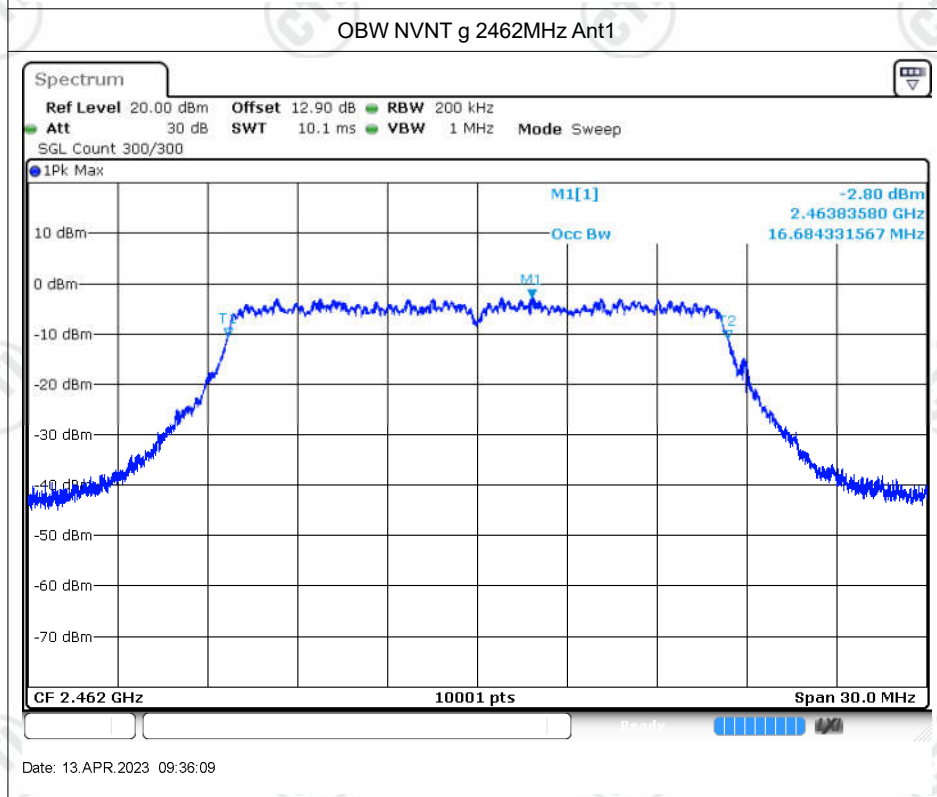
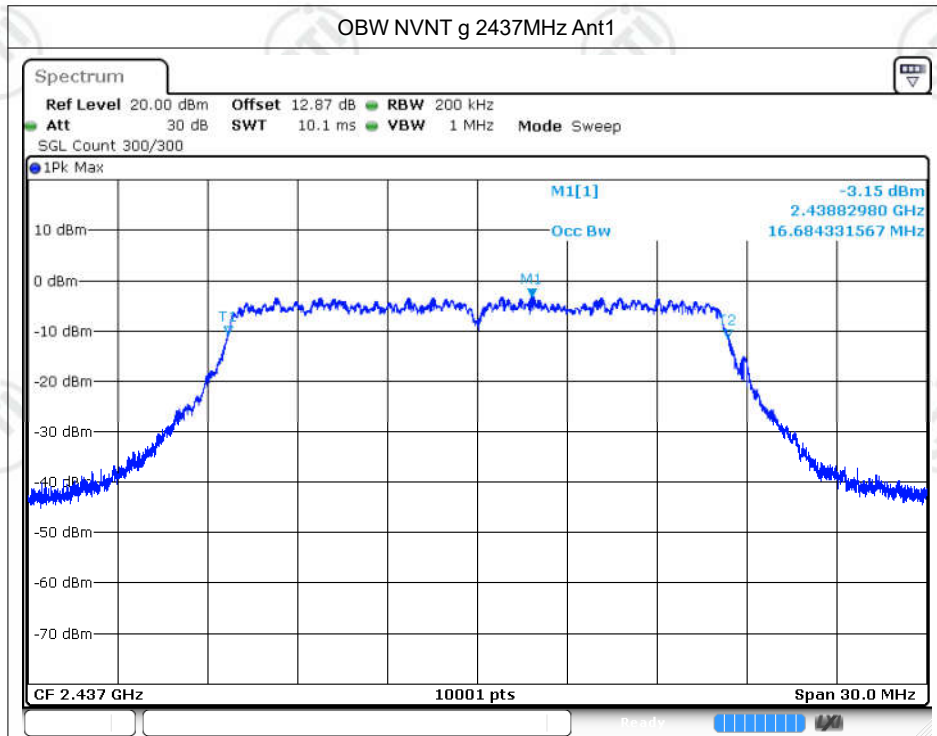


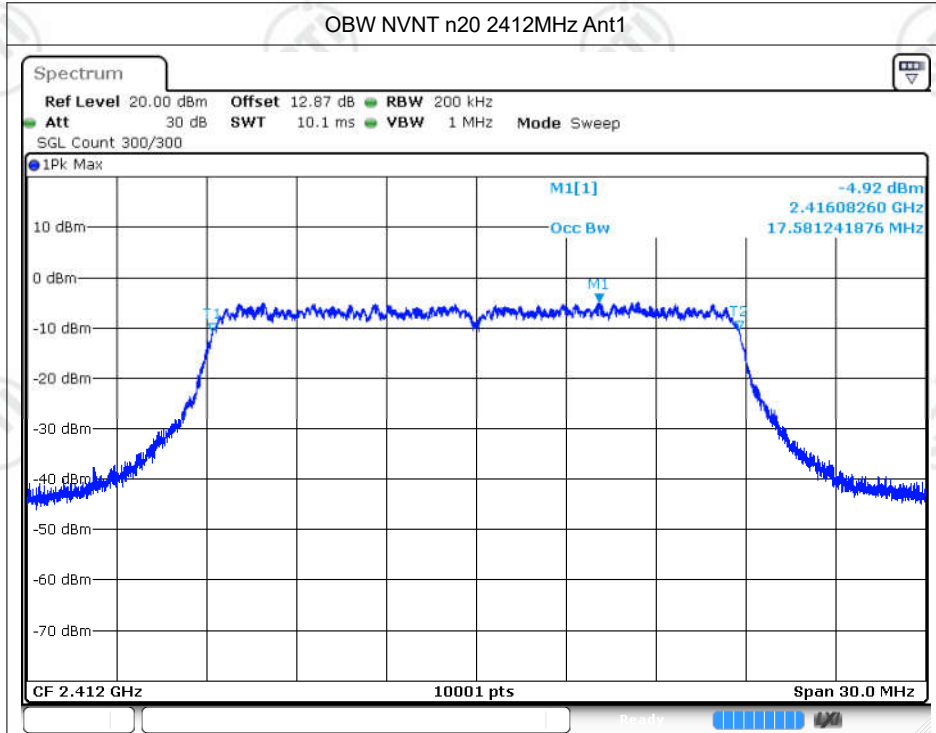


Date: 13.APR.2023 09:28:44

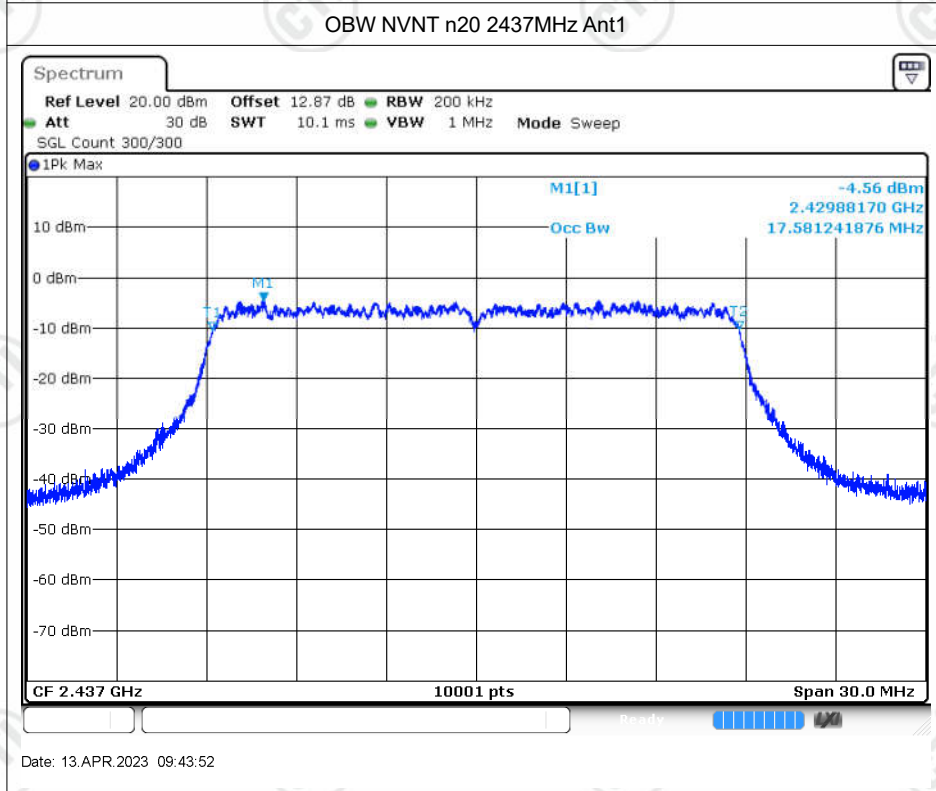


Date: 13.APR.2023 09:32:35

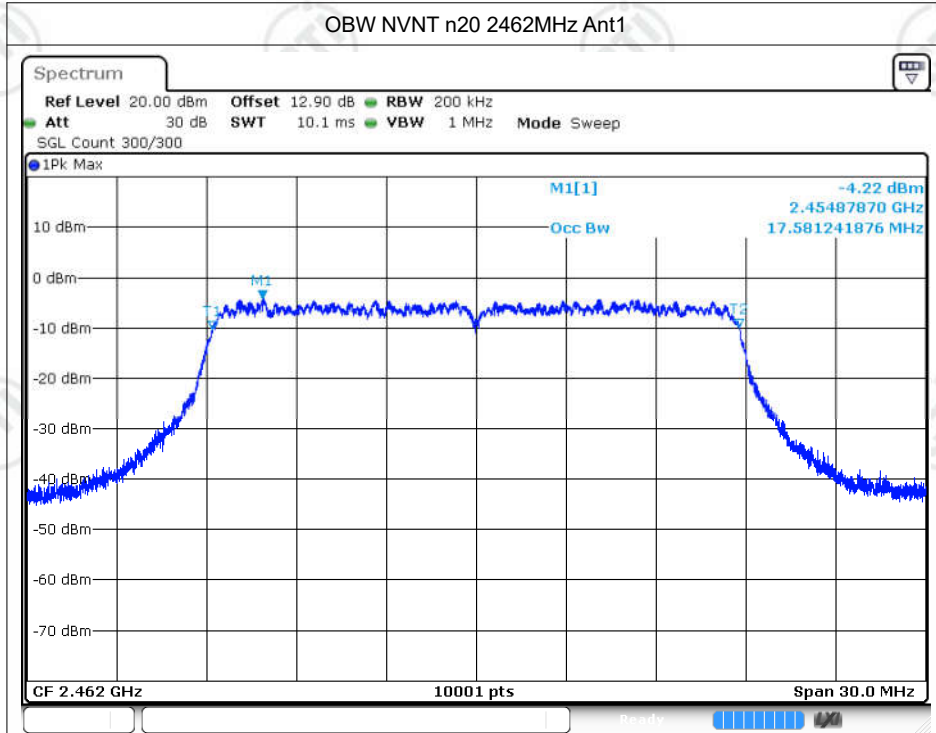




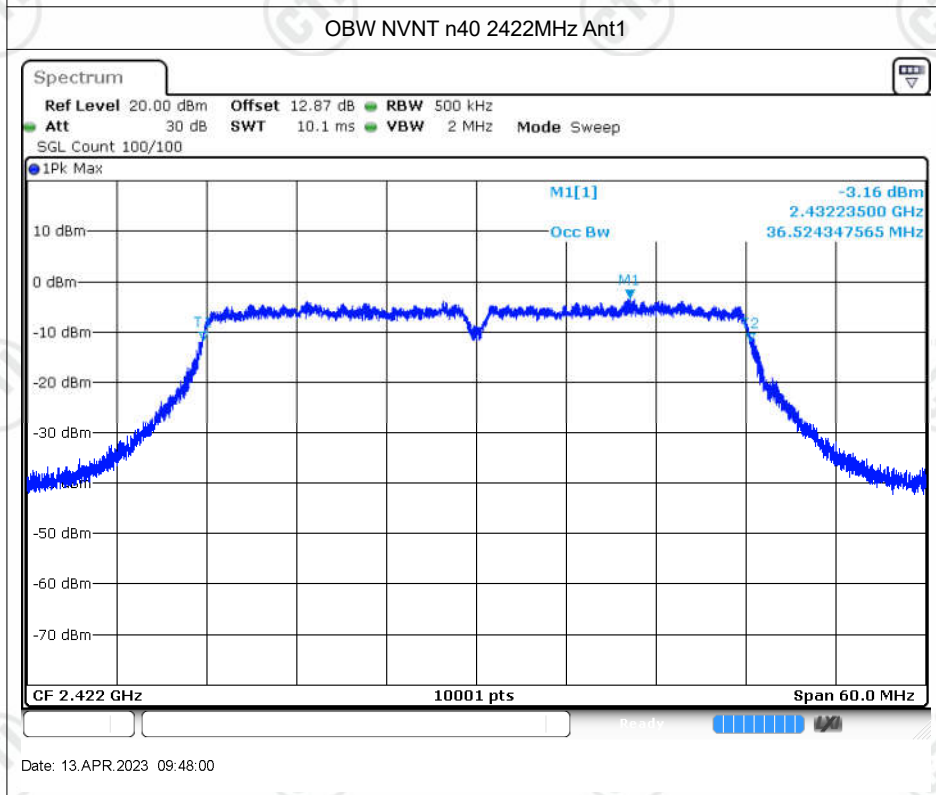
Date: 13.APR.2023 09:41:02



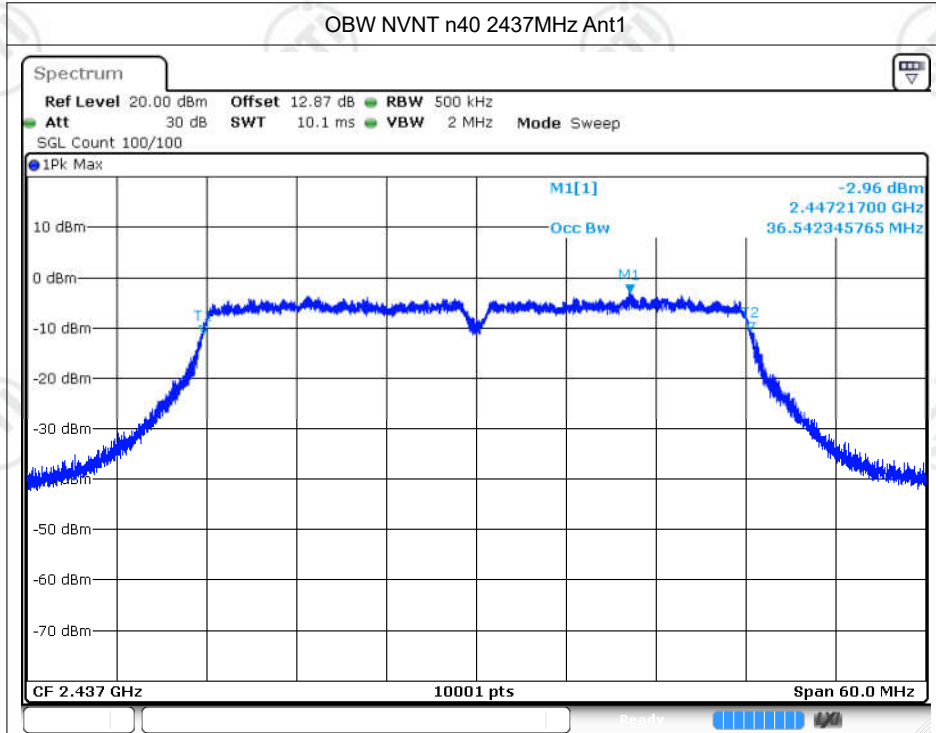
Date: 13.APR.2023 09:43:52



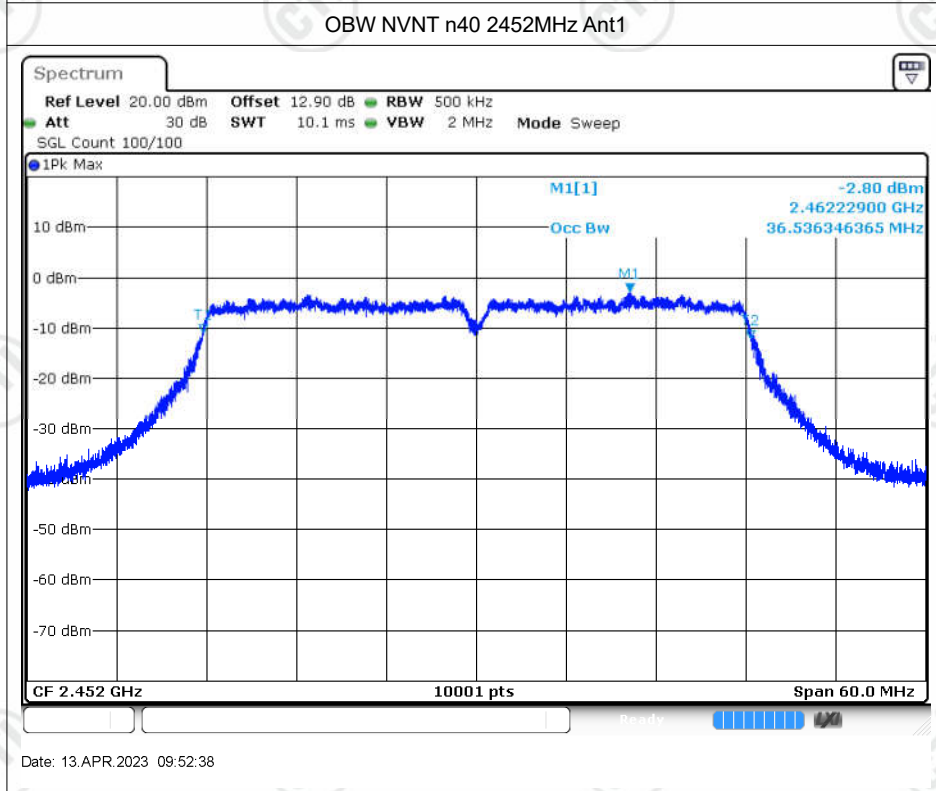
Date: 13.APR.2023 09:45:41



Date: 13.APR.2023 09:48:00



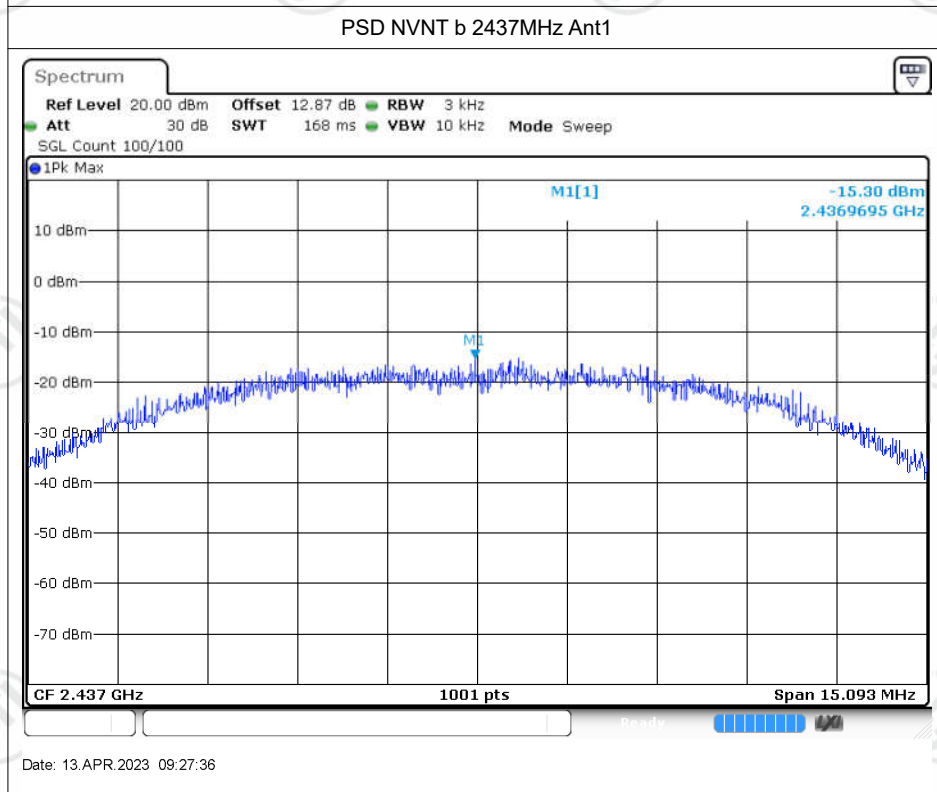
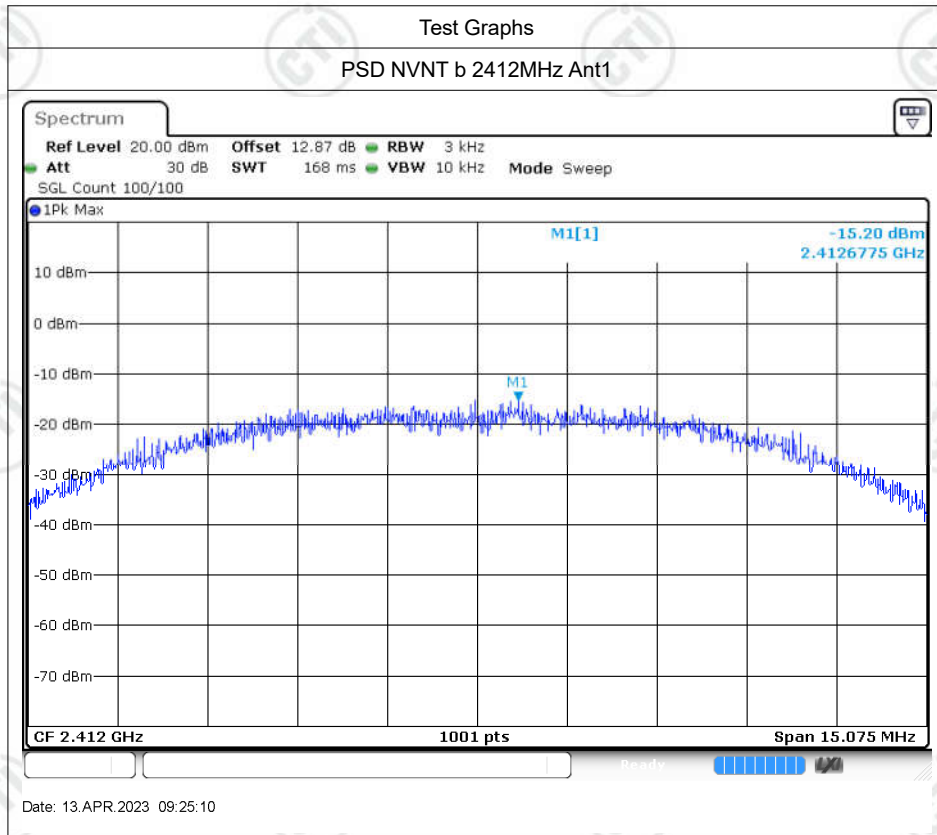
Date: 13.APR.2023 09:50:31

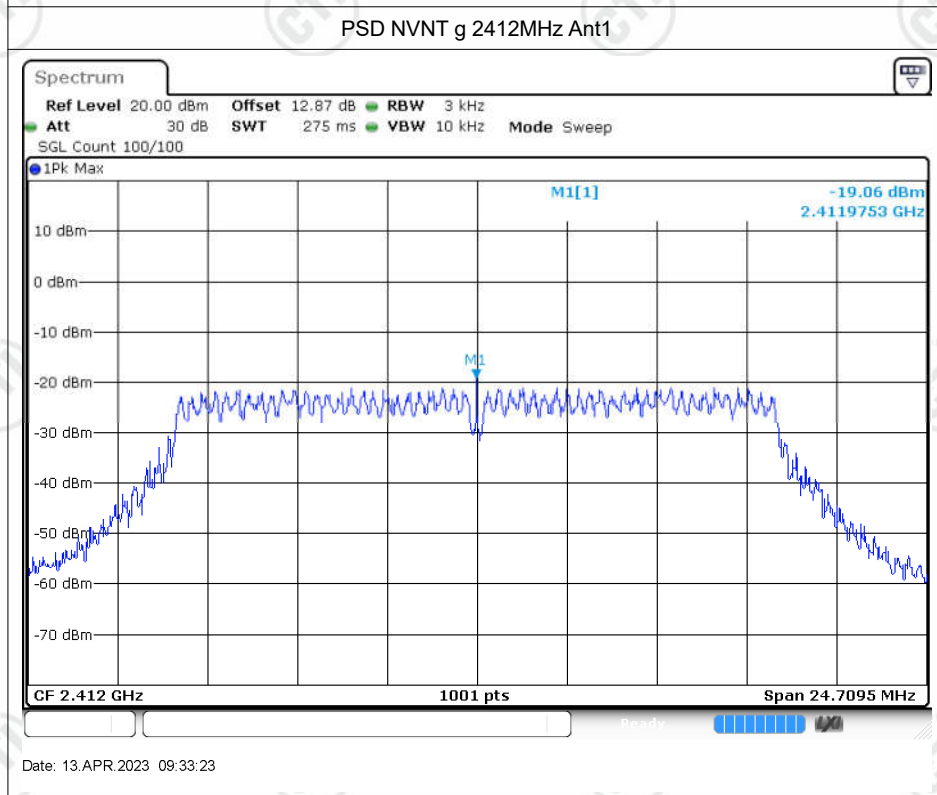
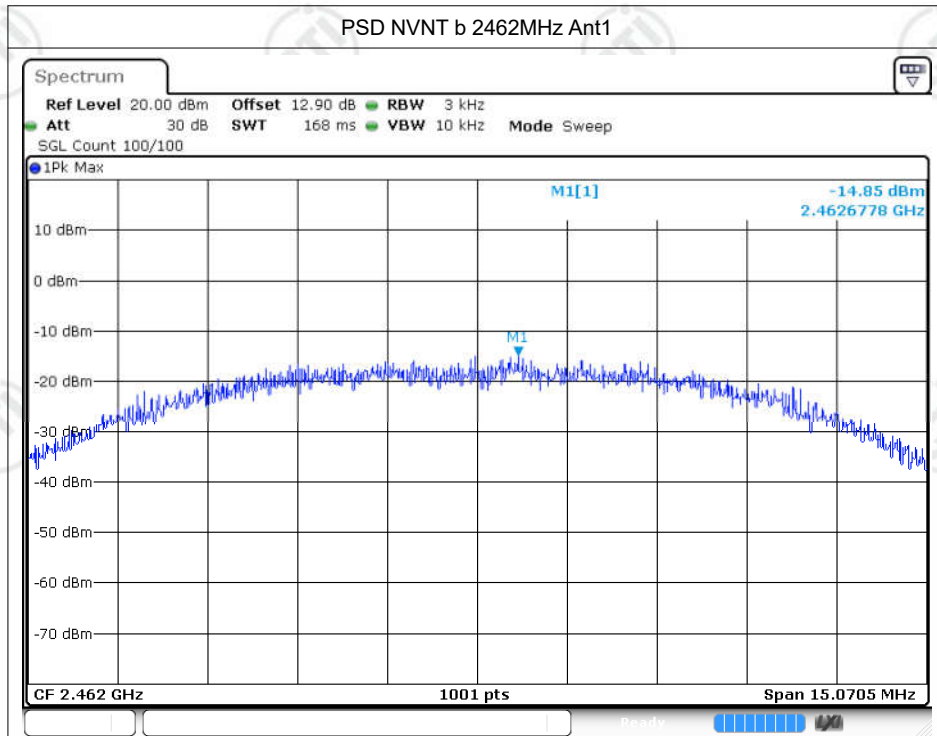


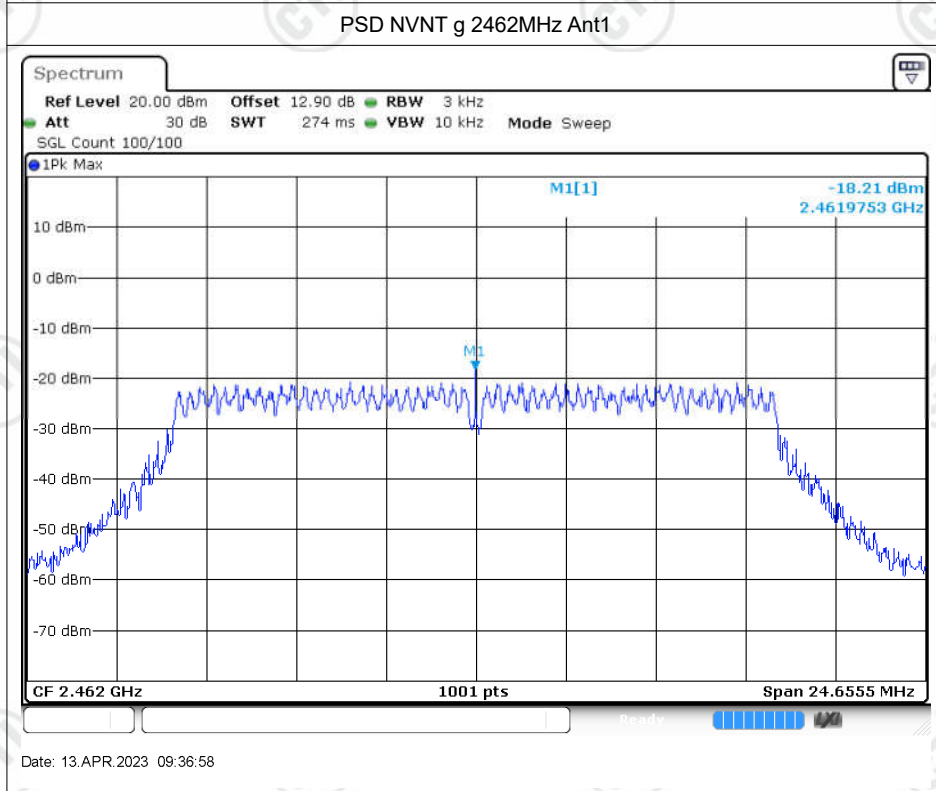
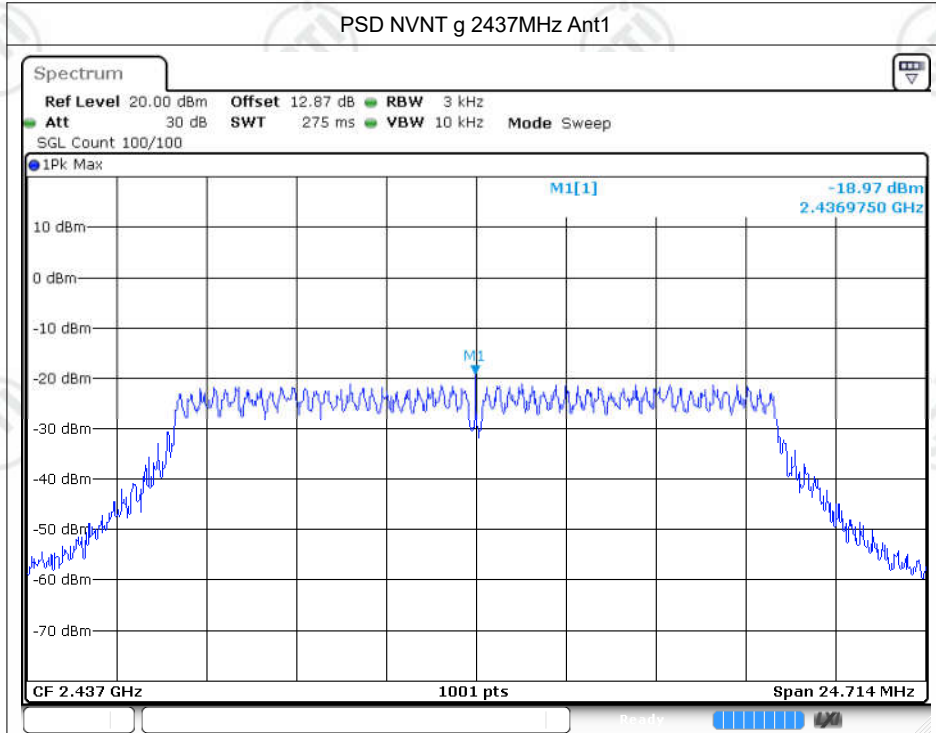
Date: 13.APR.2023 09:52:38

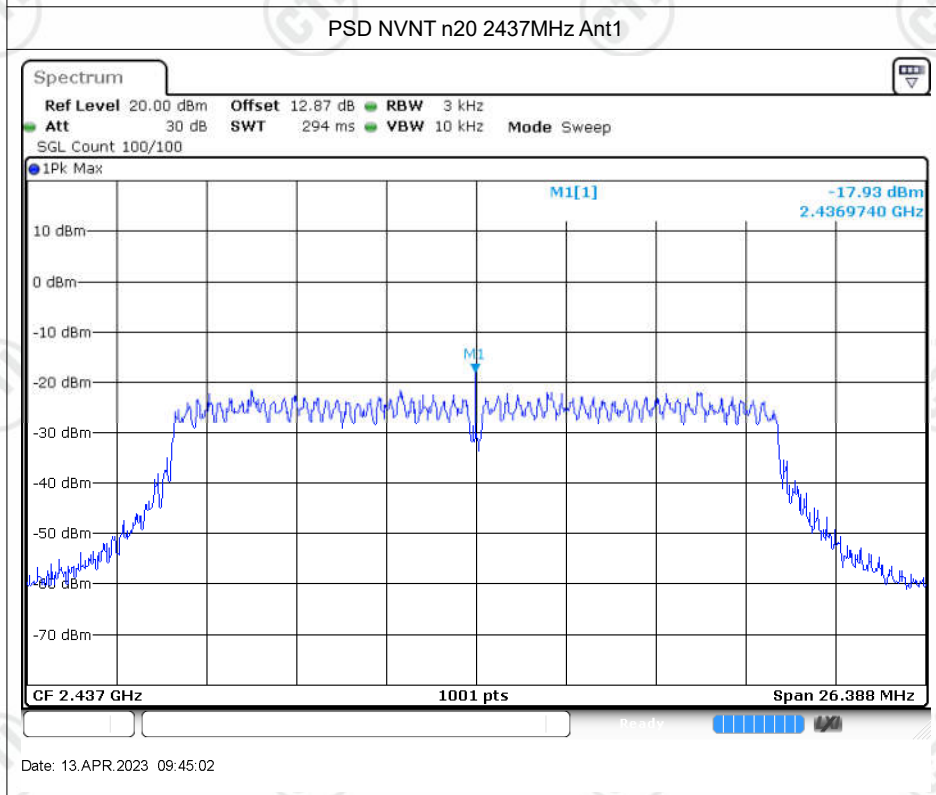
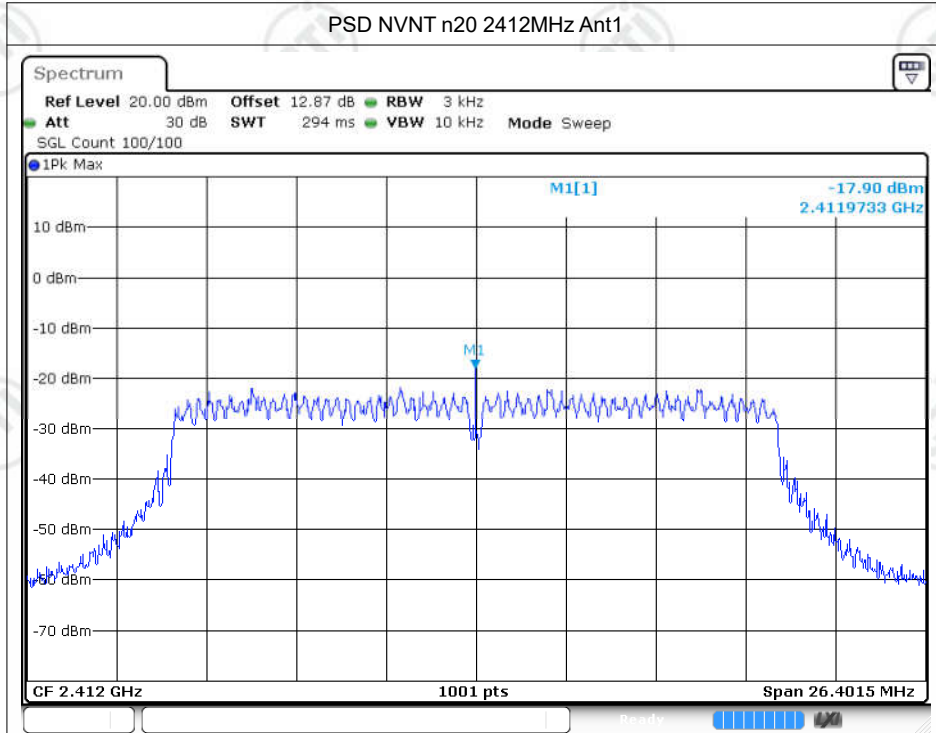
Maximum Power Spectral Density Level

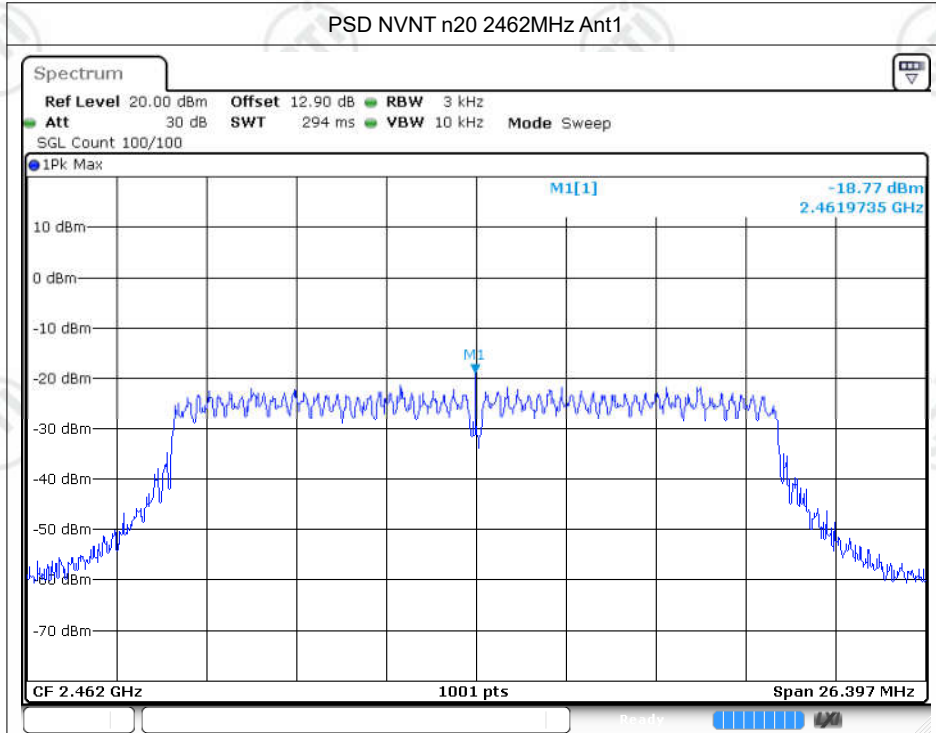
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-15.2	0	-15.2	8	Pass
NVNT	b	2437	Ant1	-15.3	0	-15.3	8	Pass
NVNT	b	2462	Ant1	-14.85	0	-14.85	8	Pass
NVNT	g	2412	Ant1	-19.06	0	-19.06	8	Pass
NVNT	g	2437	Ant1	-18.97	0	-18.97	8	Pass
NVNT	g	2462	Ant1	-18.21	0	-18.21	8	Pass
NVNT	n20	2412	Ant1	-17.9	0	-17.9	8	Pass
NVNT	n20	2437	Ant1	-17.93	0	-17.93	8	Pass
NVNT	n20	2462	Ant1	-18.77	0	-18.77	8	Pass
NVNT	n40	2422	Ant1	-18.76	0	-18.76	8	Pass
NVNT	n40	2437	Ant1	-18.22	0	-18.22	8	Pass
NVNT	n40	2452	Ant1	-18.55	0	-18.55	8	Pass



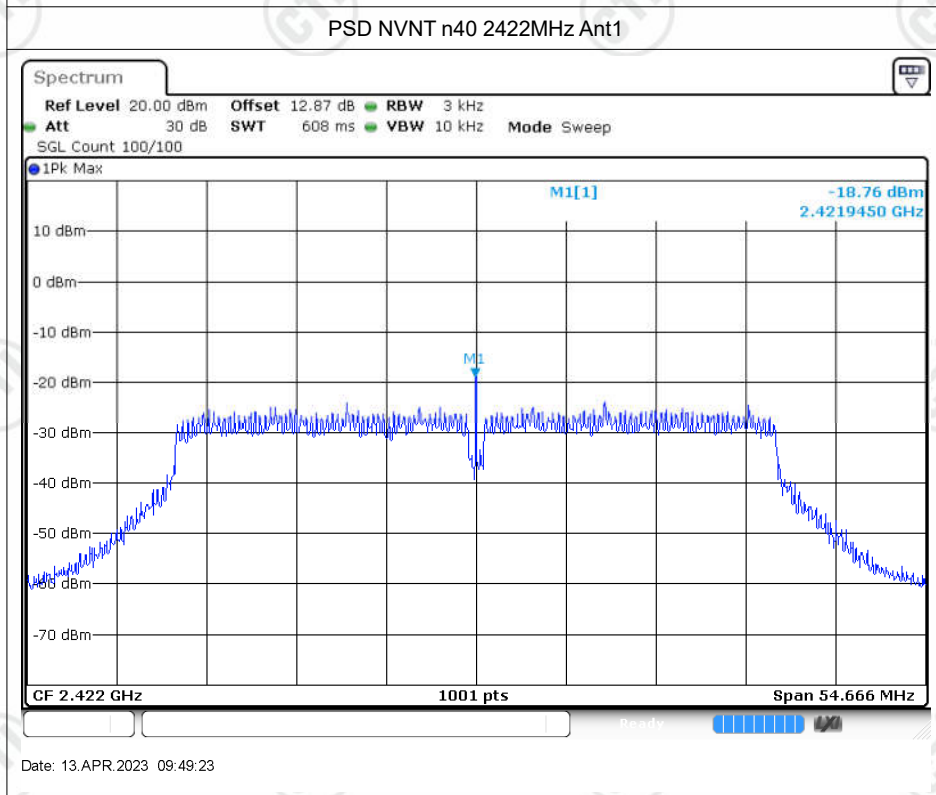




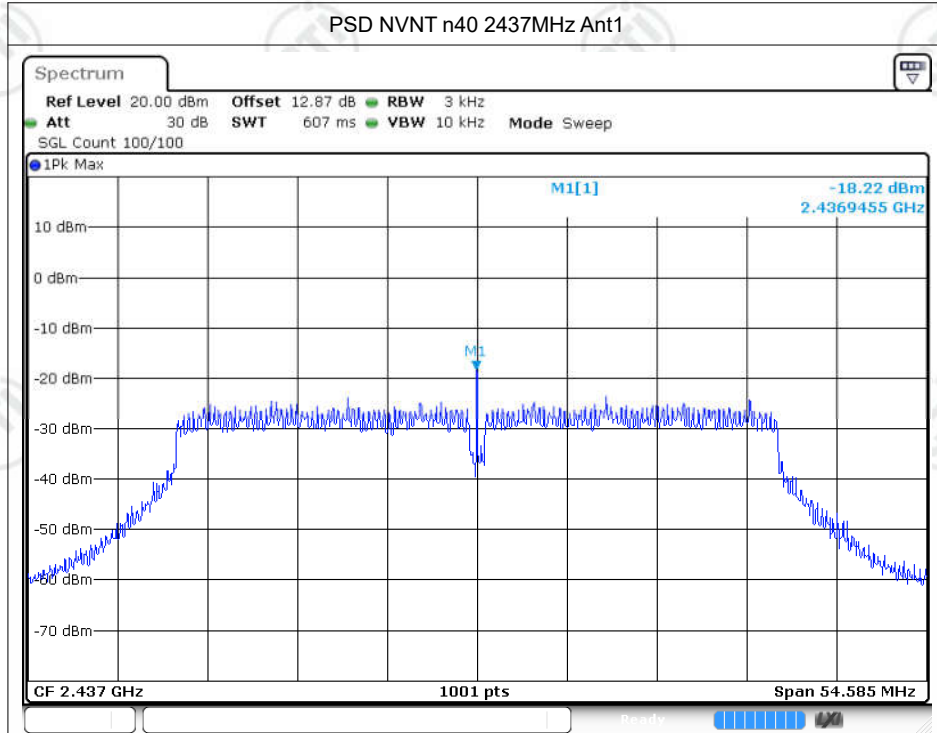




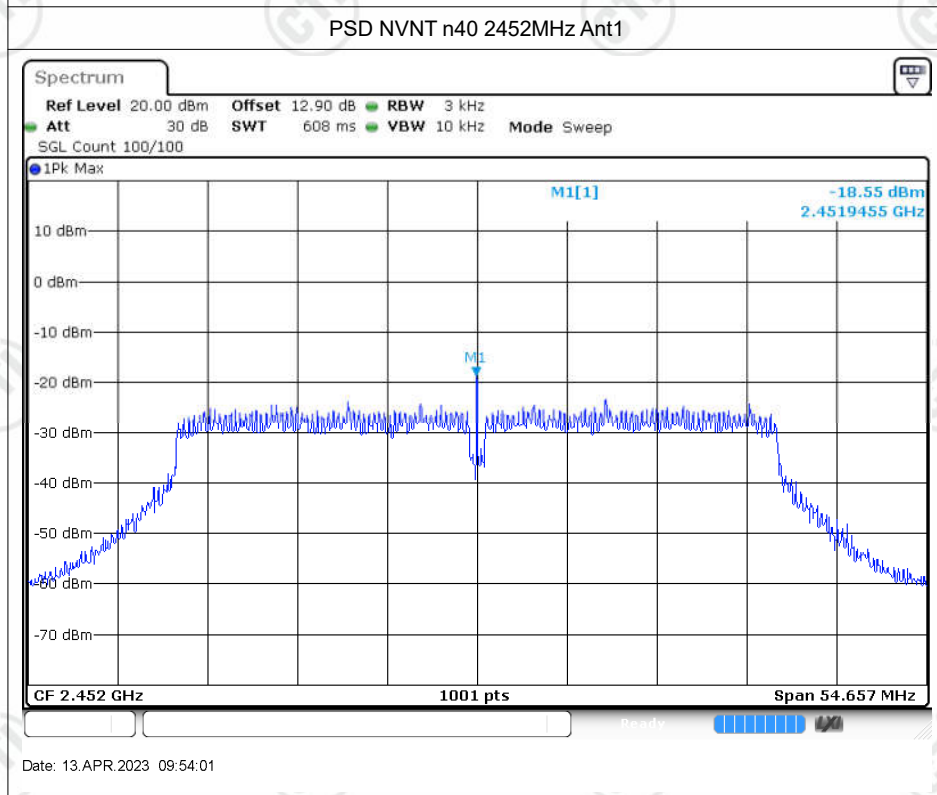
Date: 13.APR.2023 09:46:32



Date: 13.APR.2023 09:49:23



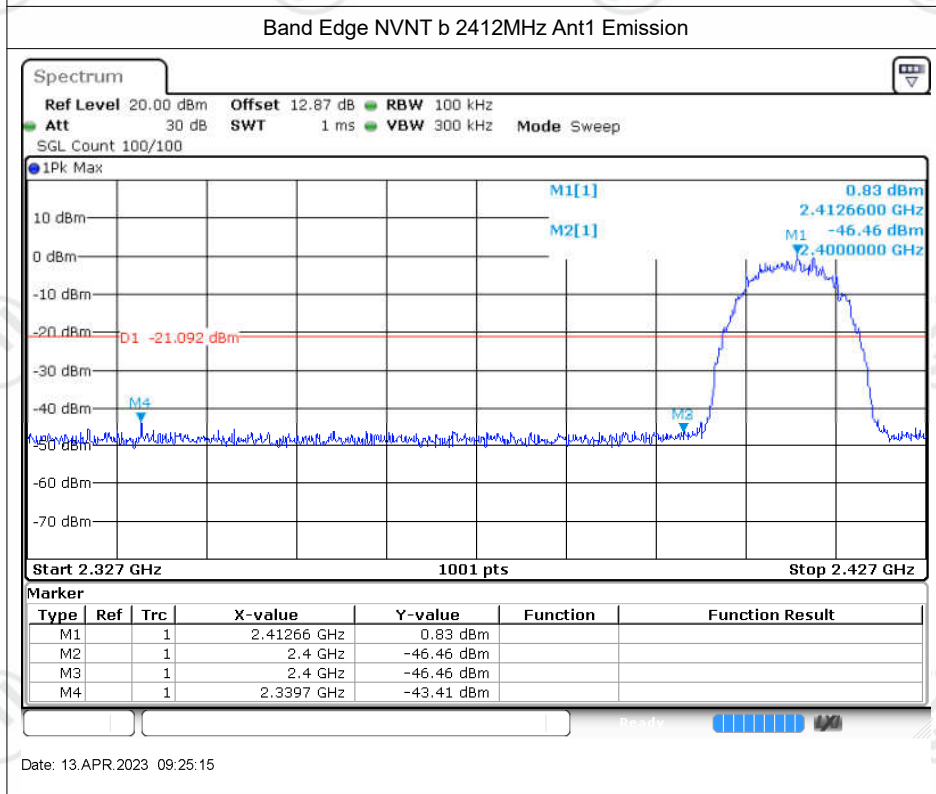
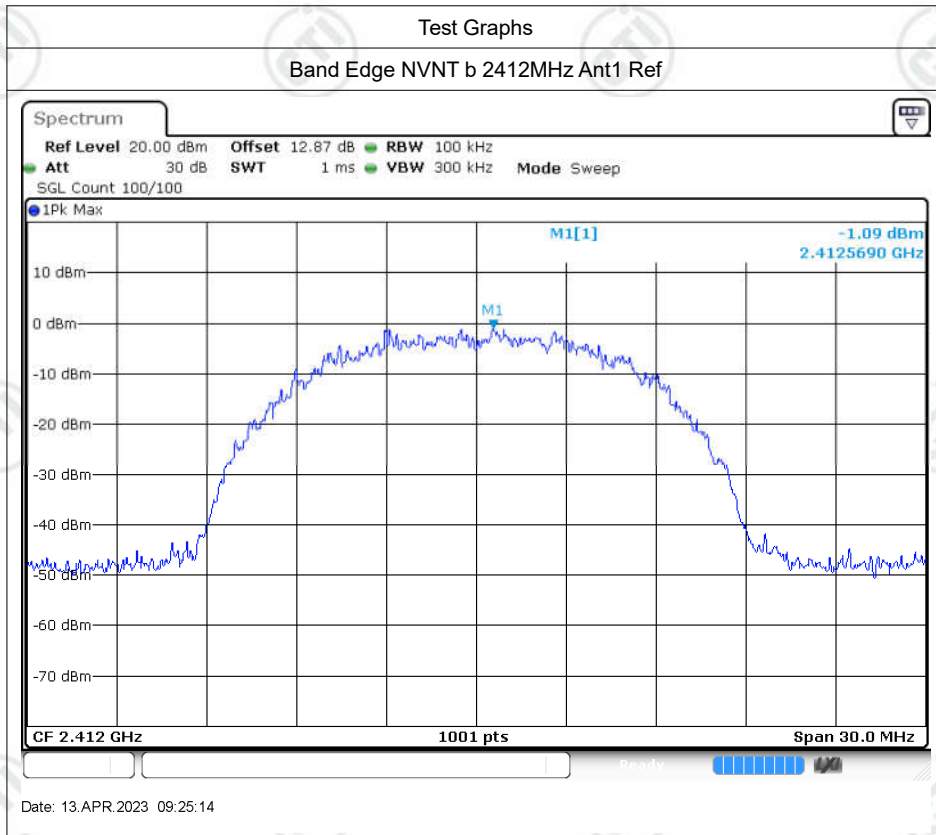
Date: 13.APR.2023 09:51:54

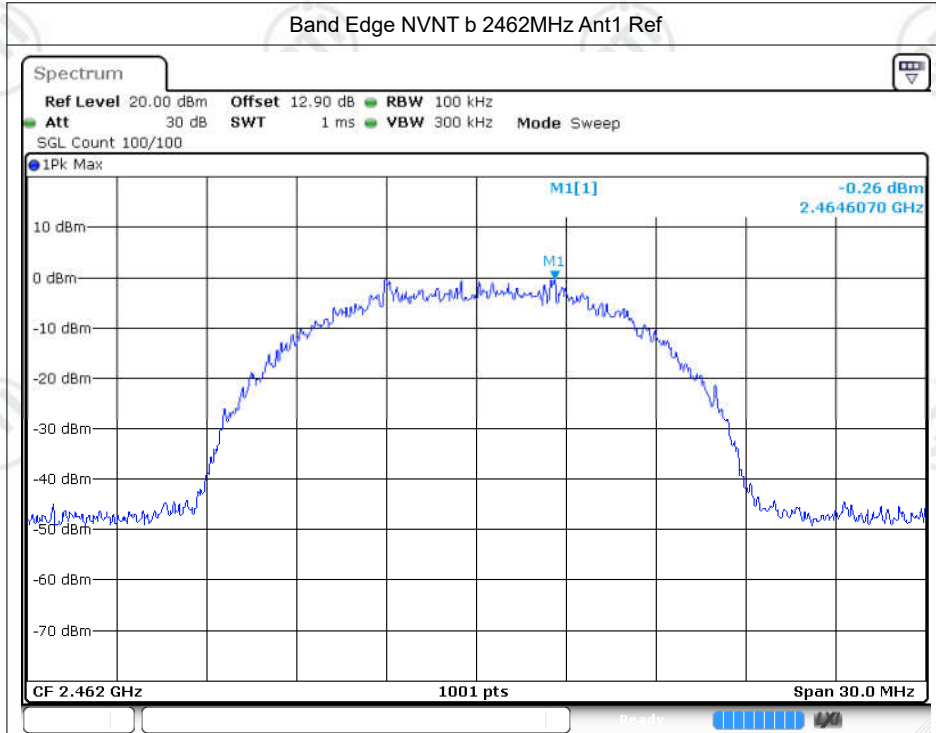


Date: 13.APR.2023 09:54:01

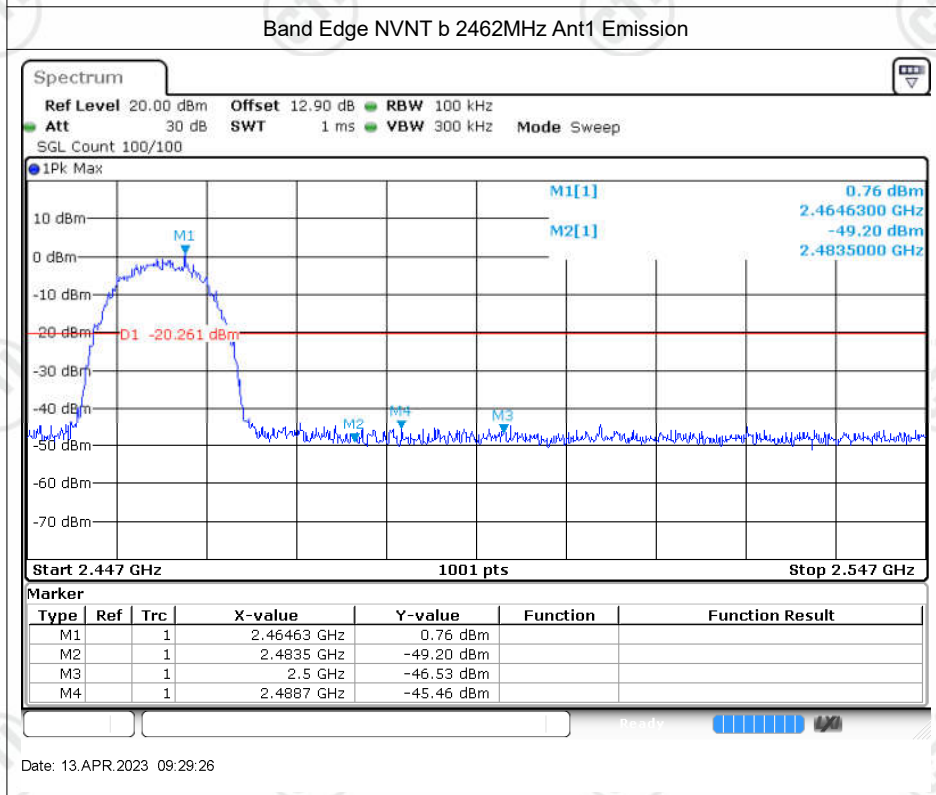
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-42.32	-20	Pass
NVNT	b	2462	Ant1	-45.2	-20	Pass
NVNT	g	2412	Ant1	-34.5	-20	Pass
NVNT	g	2462	Ant1	-38.81	-20	Pass
NVNT	n20	2412	Ant1	-35.21	-20	Pass
NVNT	n20	2462	Ant1	-37.99	-20	Pass
NVNT	n40	2422	Ant1	-24.46	-20	Pass
NVNT	n40	2452	Ant1	-33.35	-20	Pass

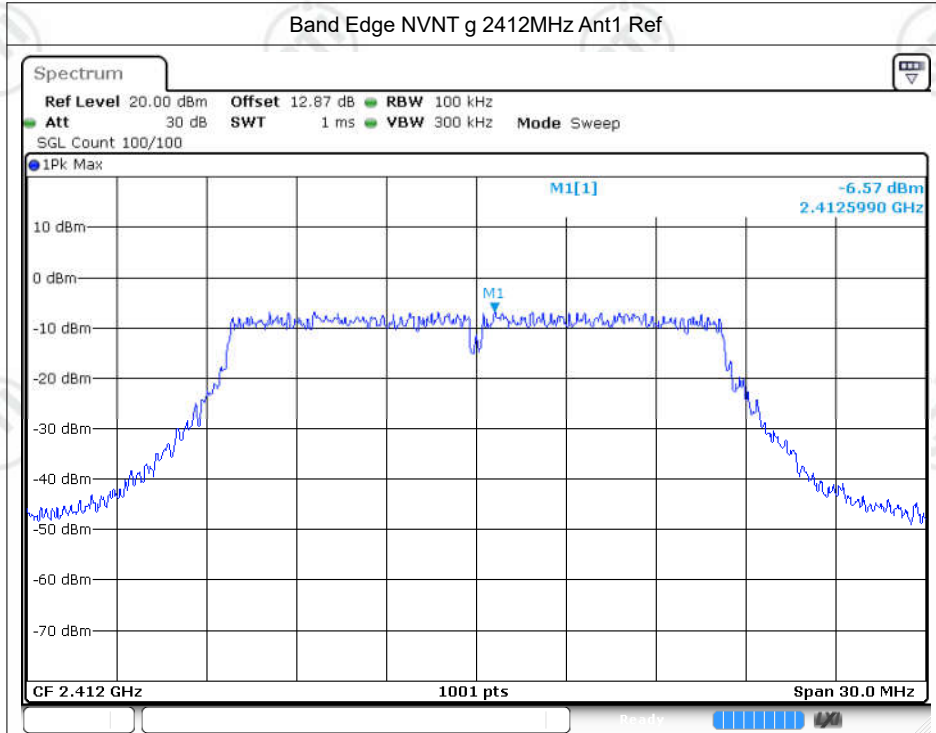




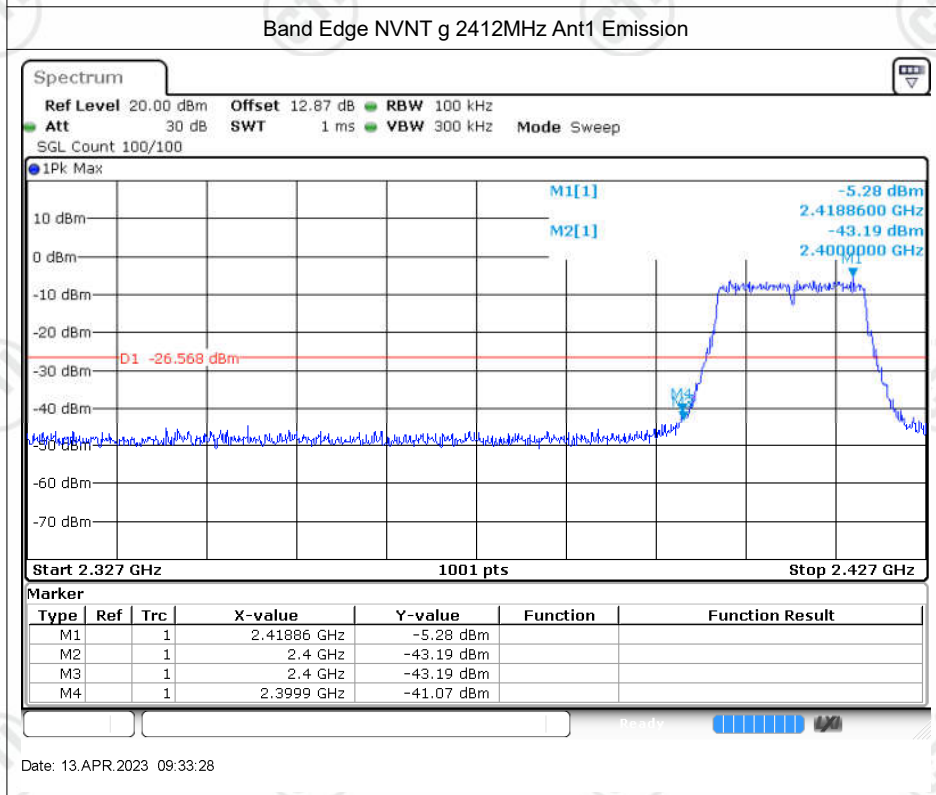
Date: 13.APR.2023 09:29:24



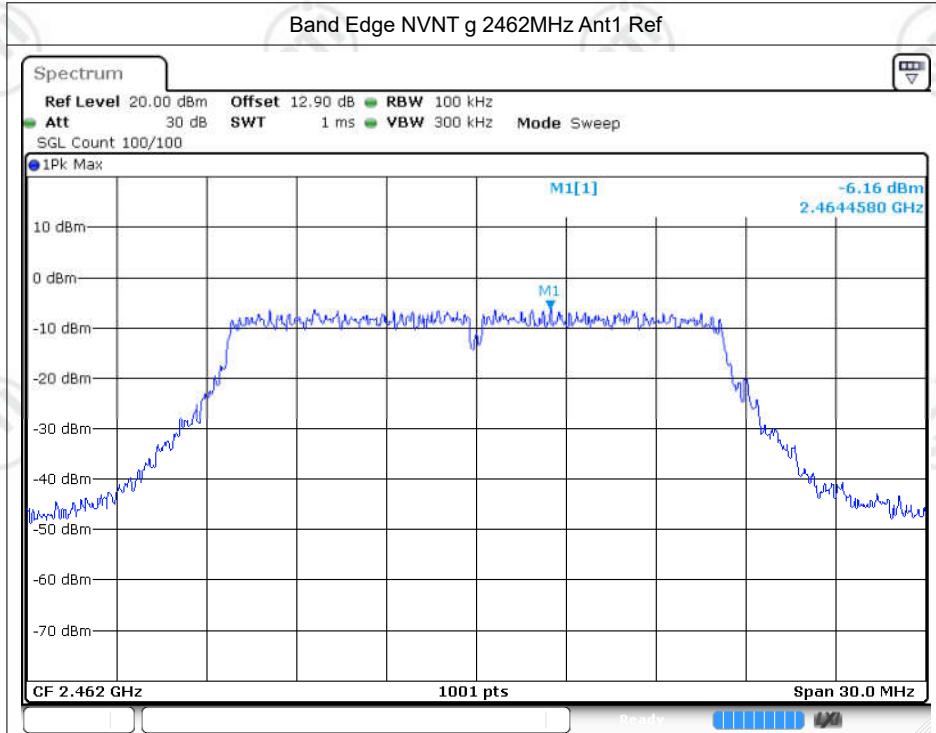
Date: 13.APR.2023 09:29:26



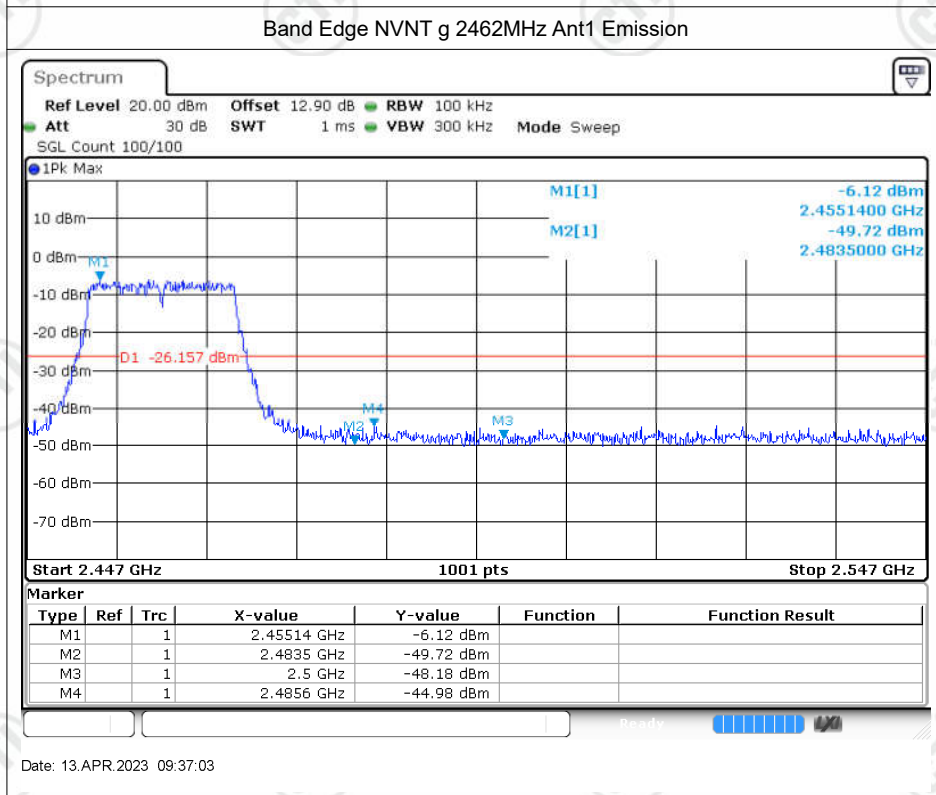
Date: 13.APR.2023 09:33:26



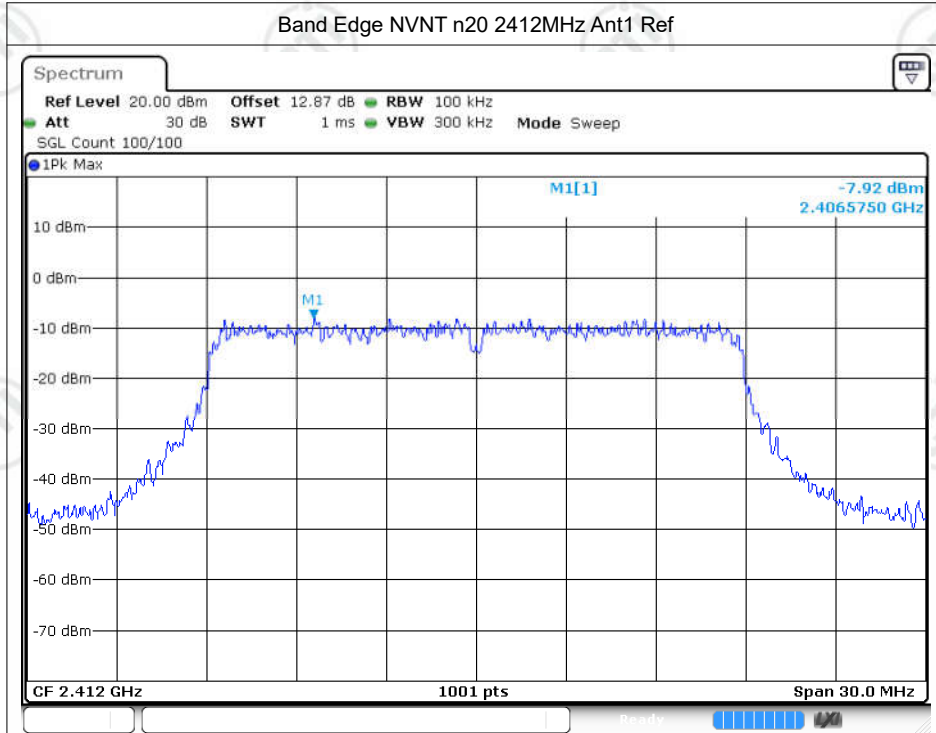
Date: 13.APR.2023 09:33:28



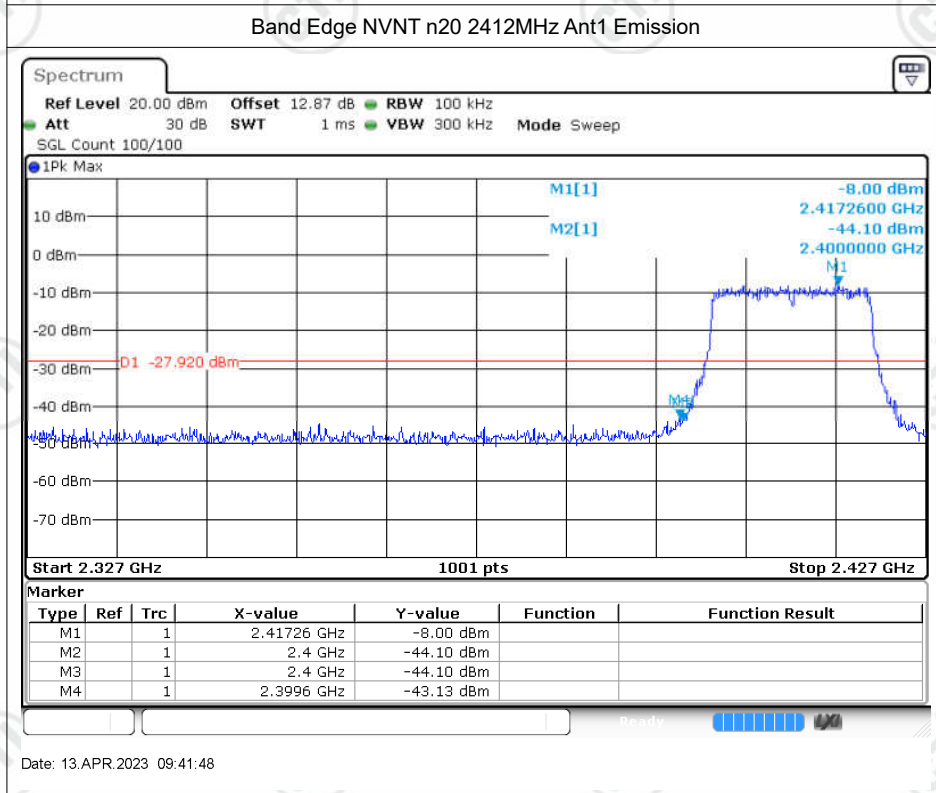
Date: 13.APR.2023 09:37:02



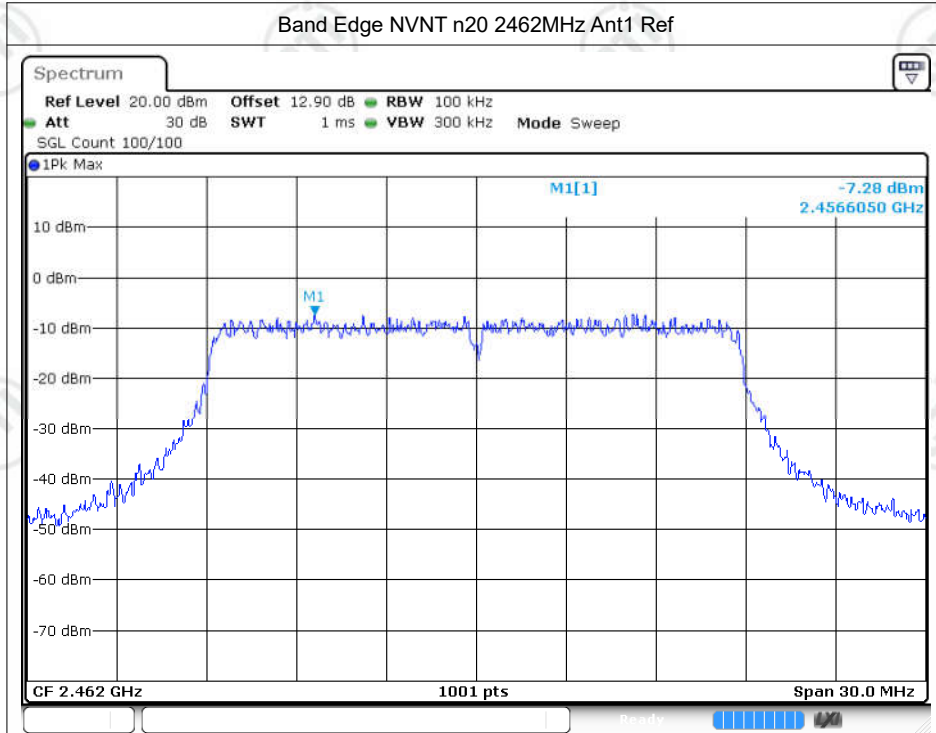
Date: 13.APR.2023 09:37:03



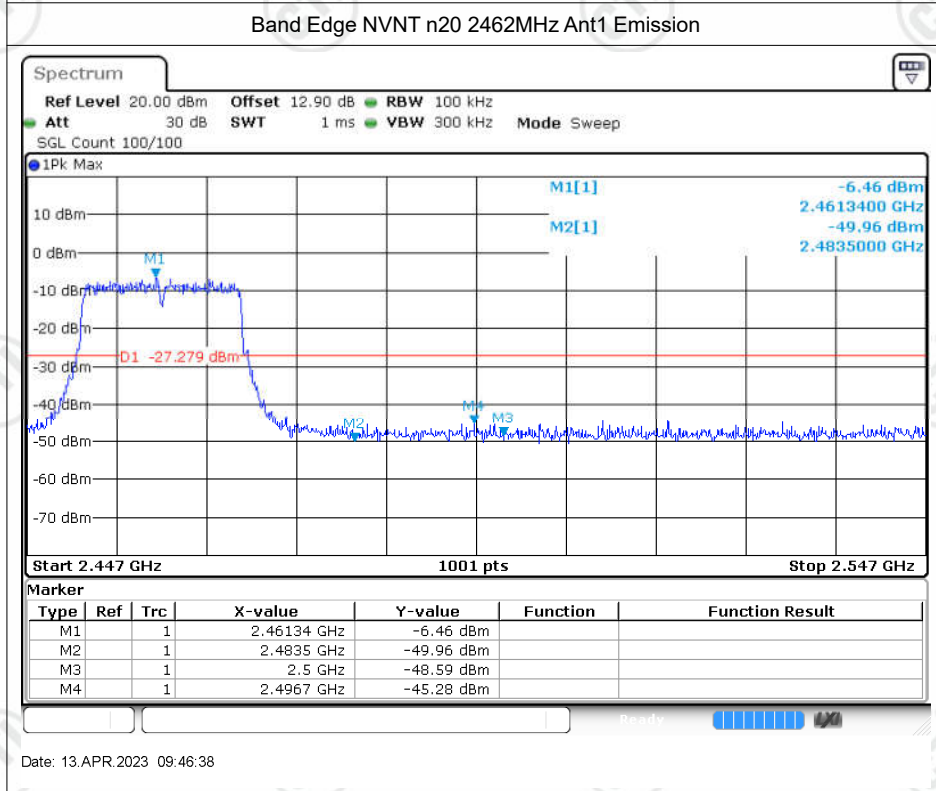
Date: 13.APR.2023 09:41:47



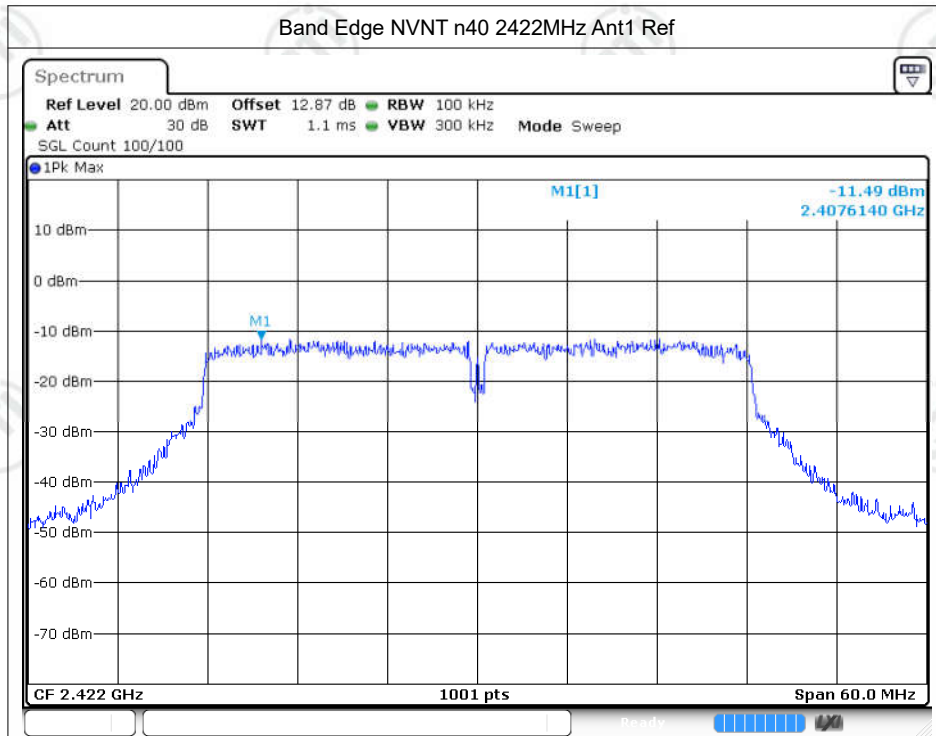
Date: 13.APR.2023 09:41:48



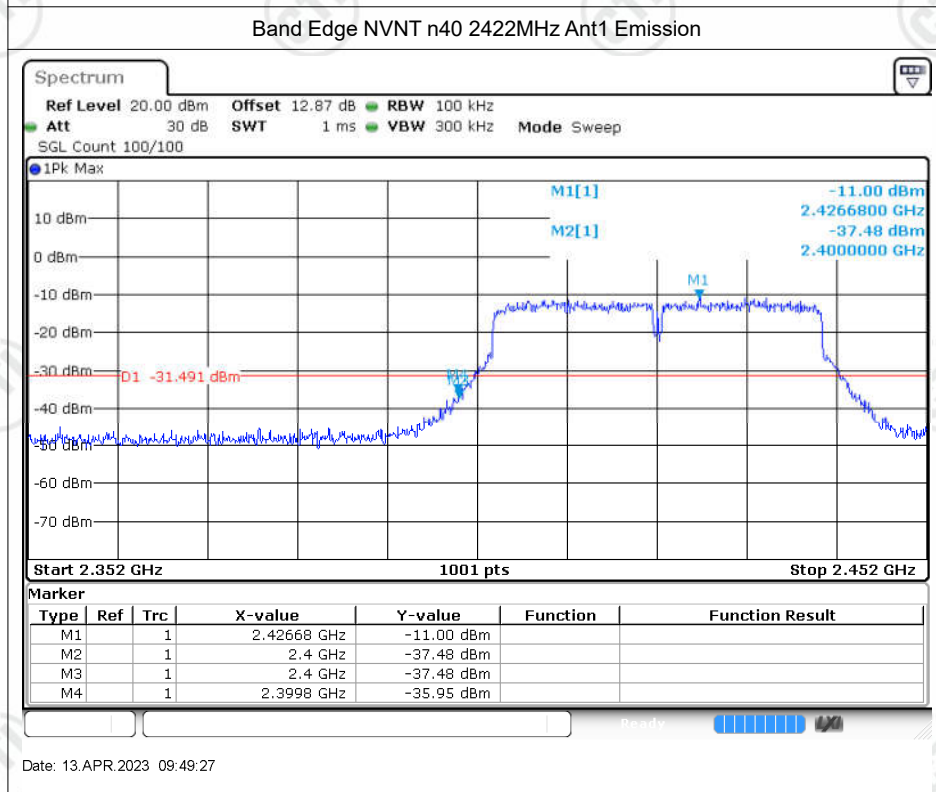
Date: 13.APR.2023 09:46:36



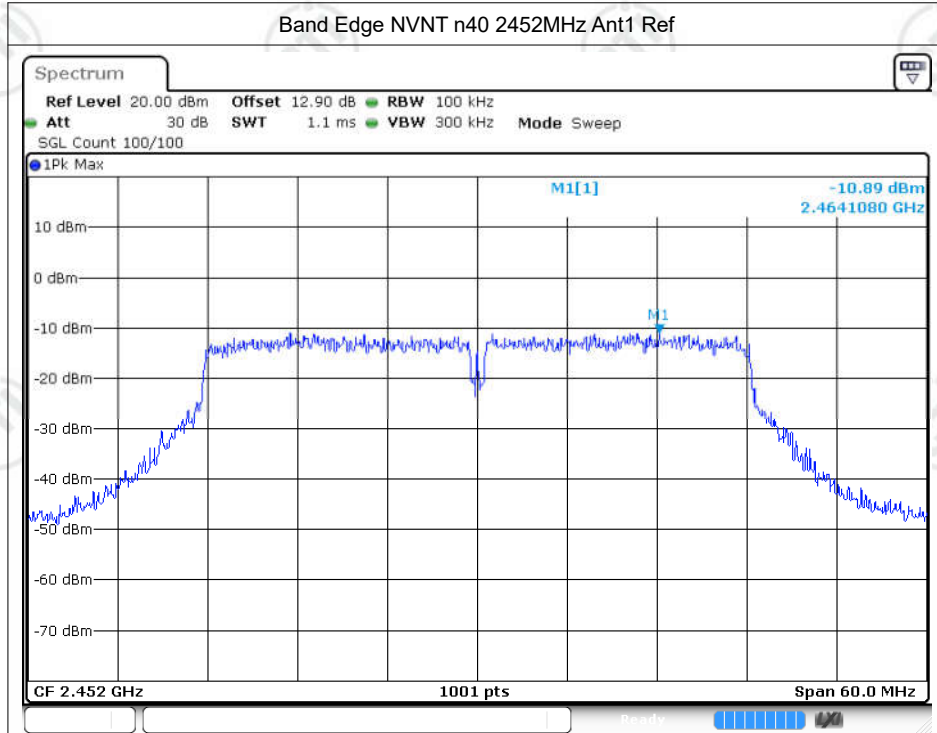
Date: 13.APR.2023 09:46:38



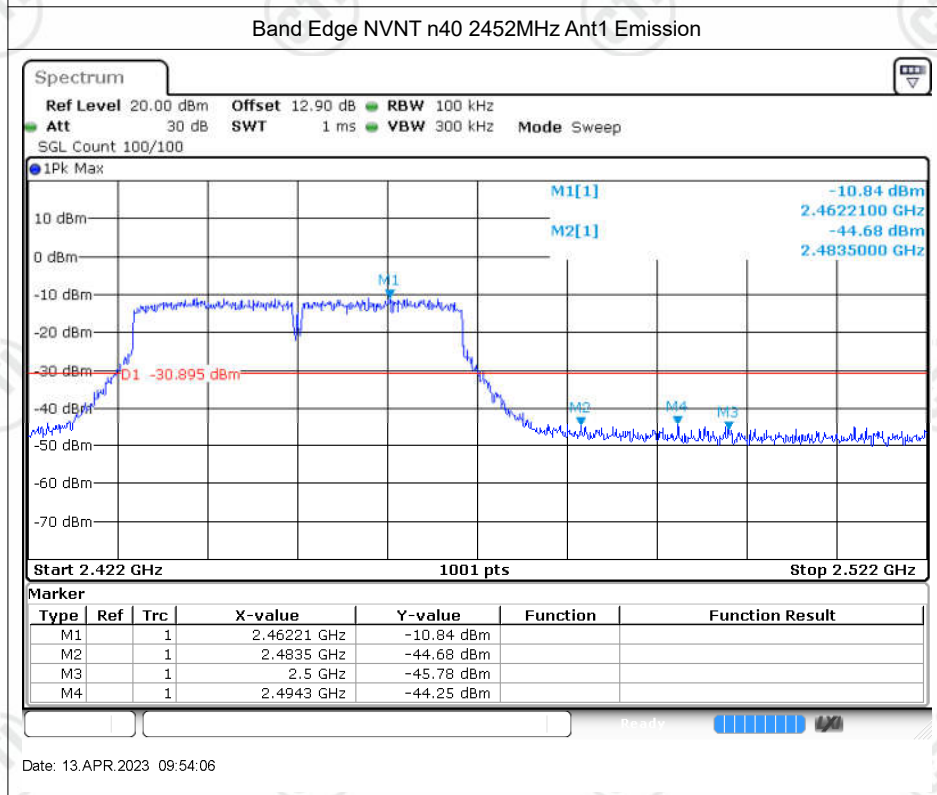
Date: 13.APR.2023 09:49:26



Date: 13.APR.2023 09:49:27



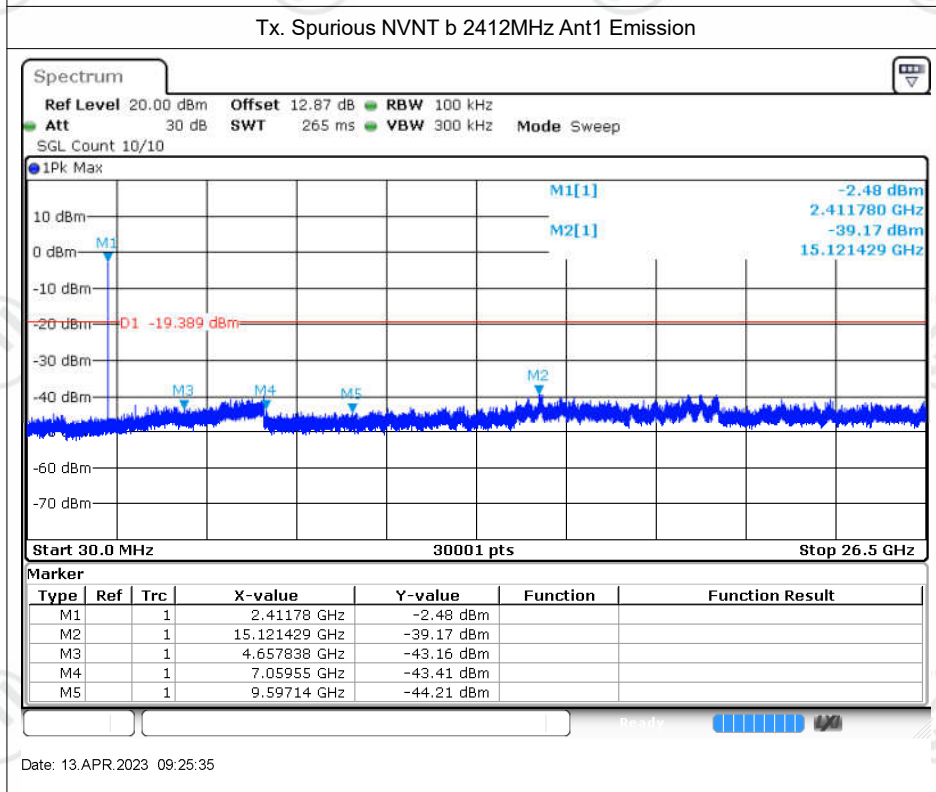
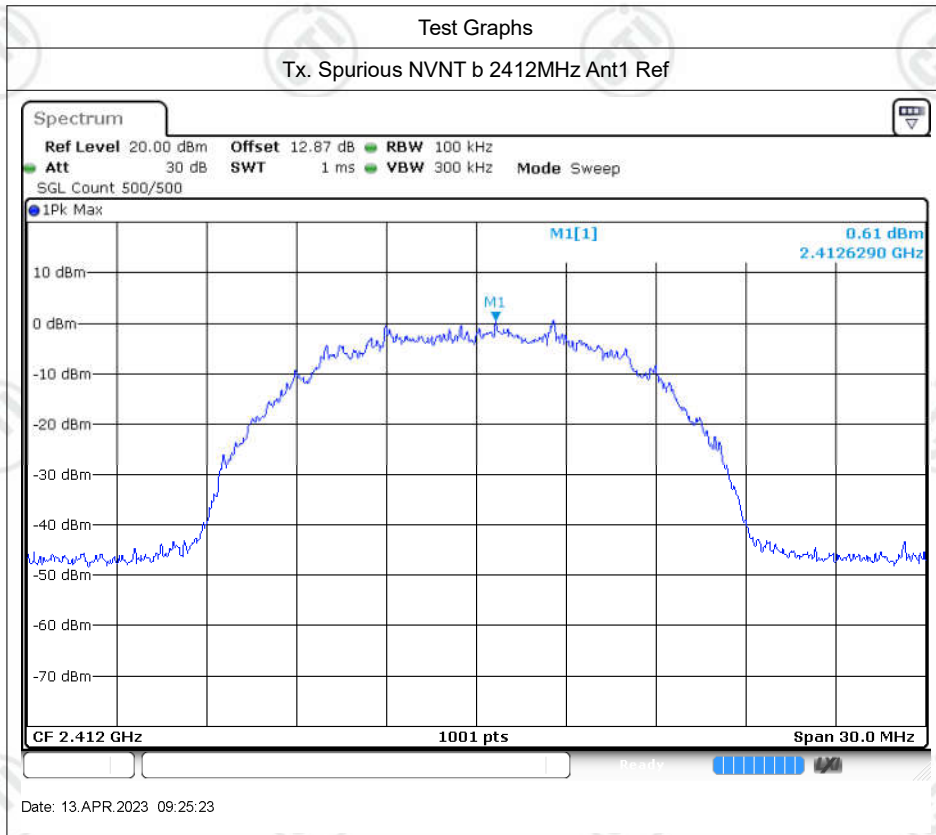
Date: 13.APR.2023 09:54:04

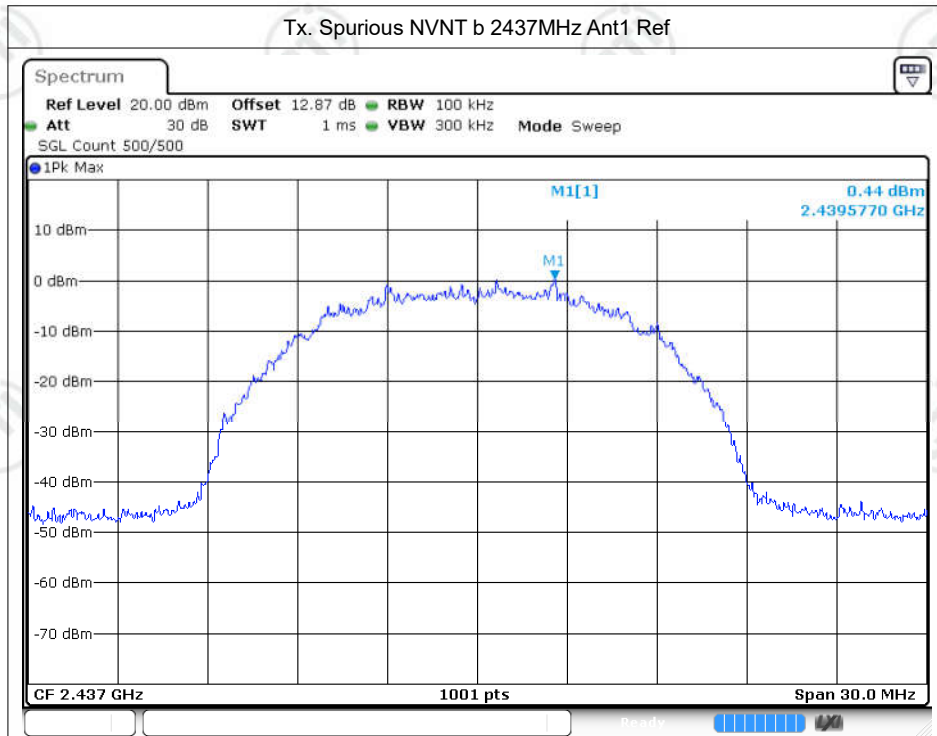


Date: 13.APR.2023 09:54:06

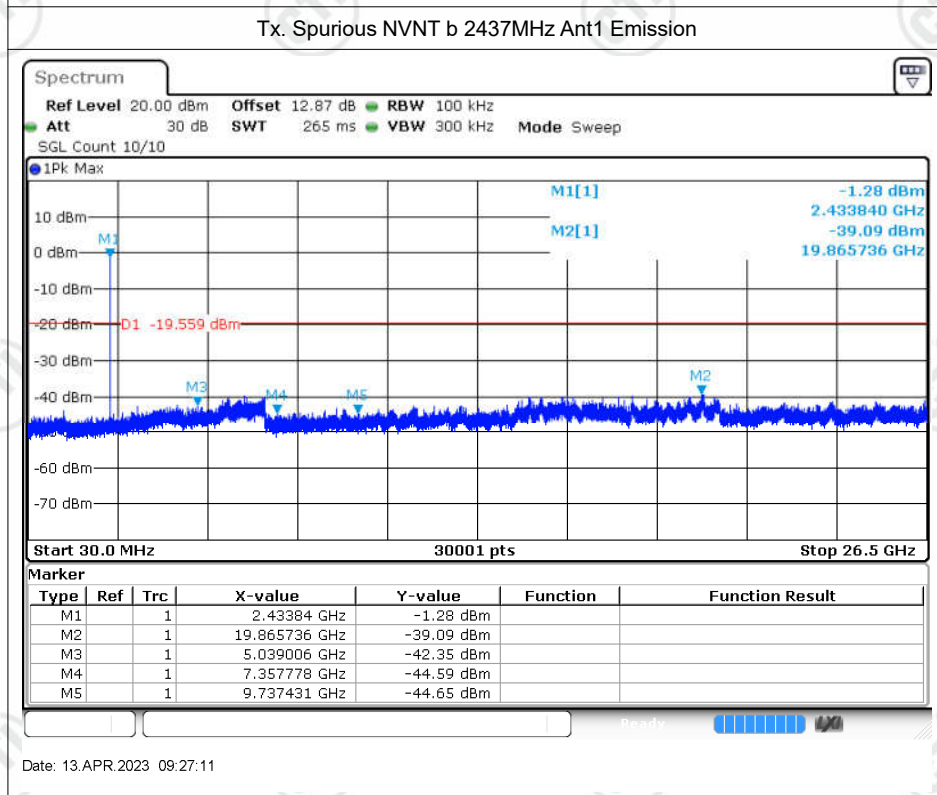
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-39.78	-20	Pass
NVNT	b	2437	Ant1	-39.52	-20	Pass
NVNT	b	2462	Ant1	-37.99	-20	Pass
NVNT	g	2412	Ant1	-33.28	-20	Pass
NVNT	g	2437	Ant1	-32.64	-20	Pass
NVNT	g	2462	Ant1	-32.58	-20	Pass
NVNT	n20	2412	Ant1	-31.5	-20	Pass
NVNT	n20	2437	Ant1	-31.65	-20	Pass
NVNT	n20	2462	Ant1	-31.54	-20	Pass
NVNT	n40	2422	Ant1	-27.63	-20	Pass
NVNT	n40	2437	Ant1	-27.38	-20	Pass
NVNT	n40	2452	Ant1	-28.05	-20	Pass

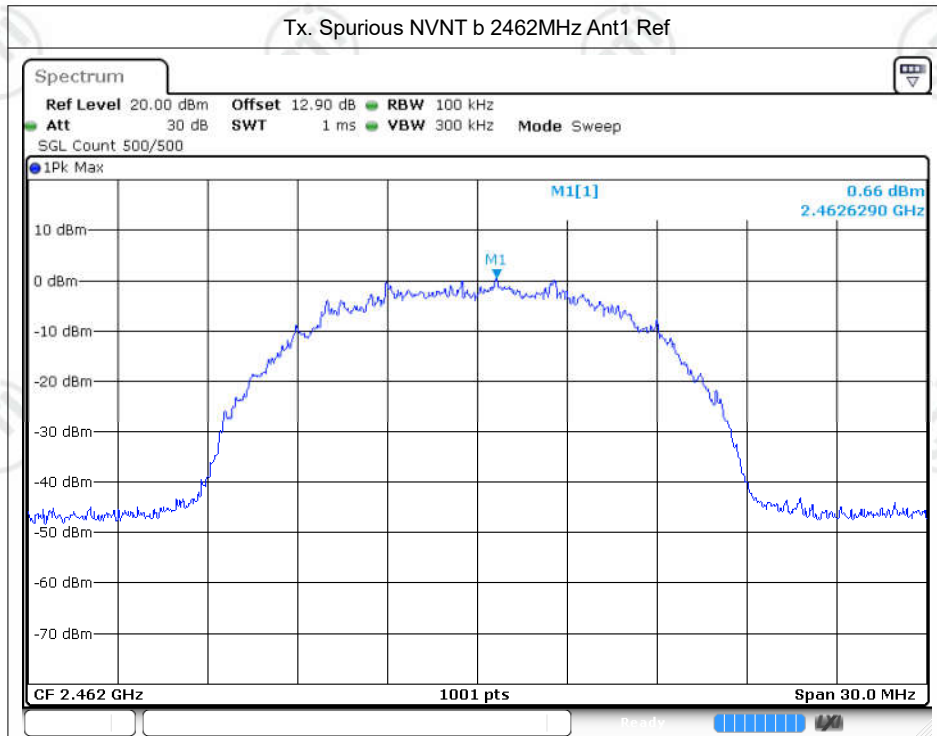




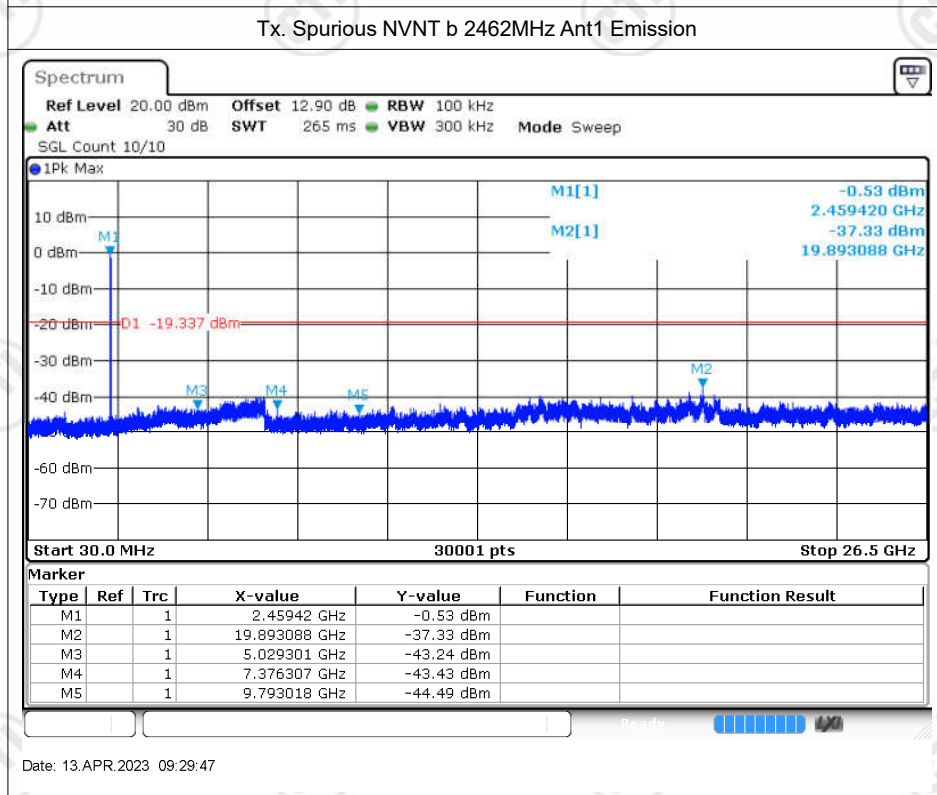
Date: 13.APR.2023 09:27:00



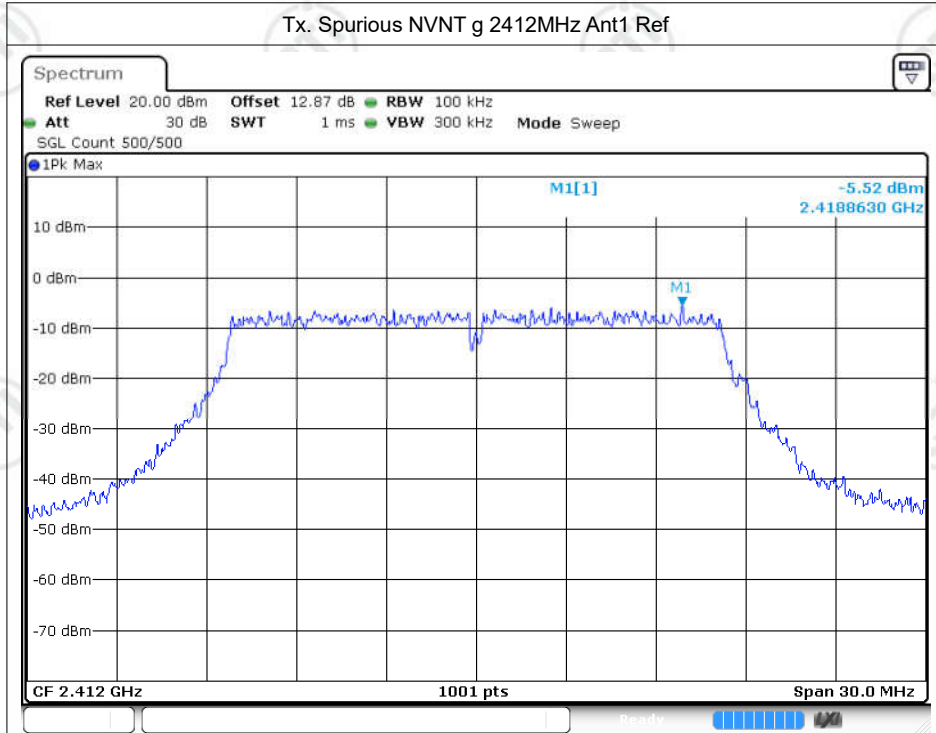
Date: 13.APR.2023 09:27:11



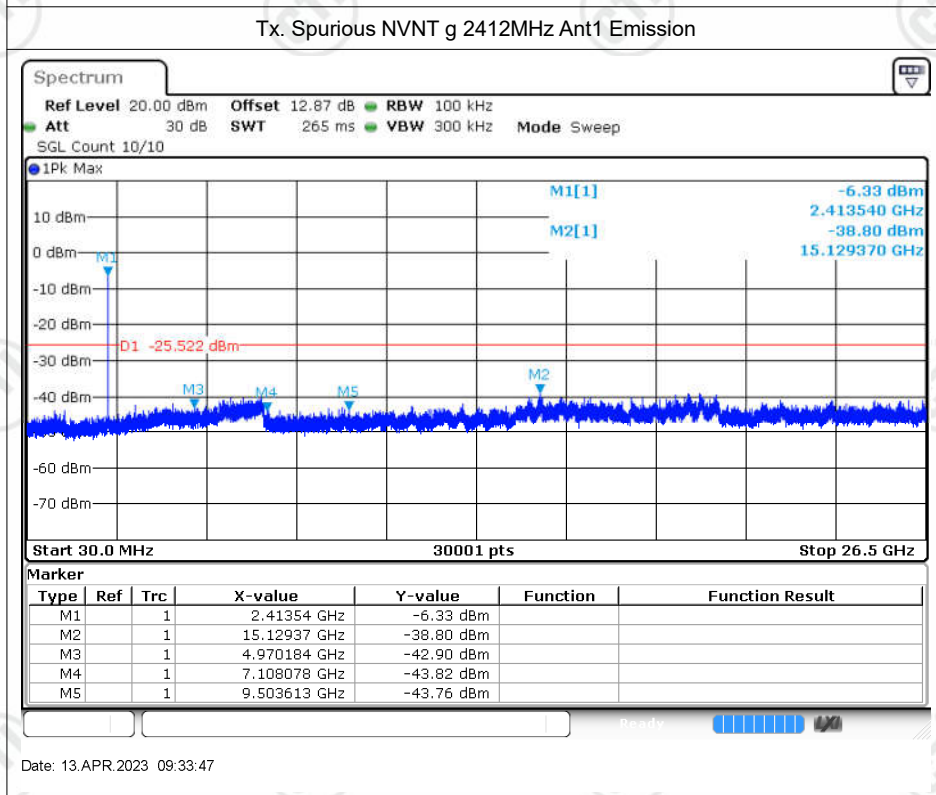
Date: 13.APR.2023 09:29:36



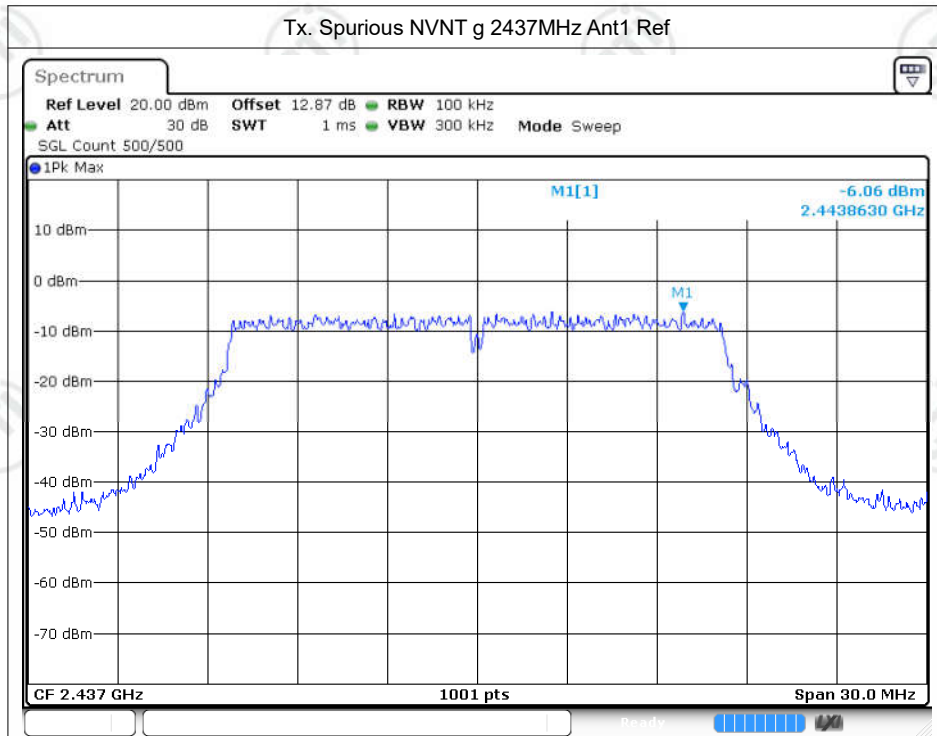
Date: 13.APR.2023 09:29:47



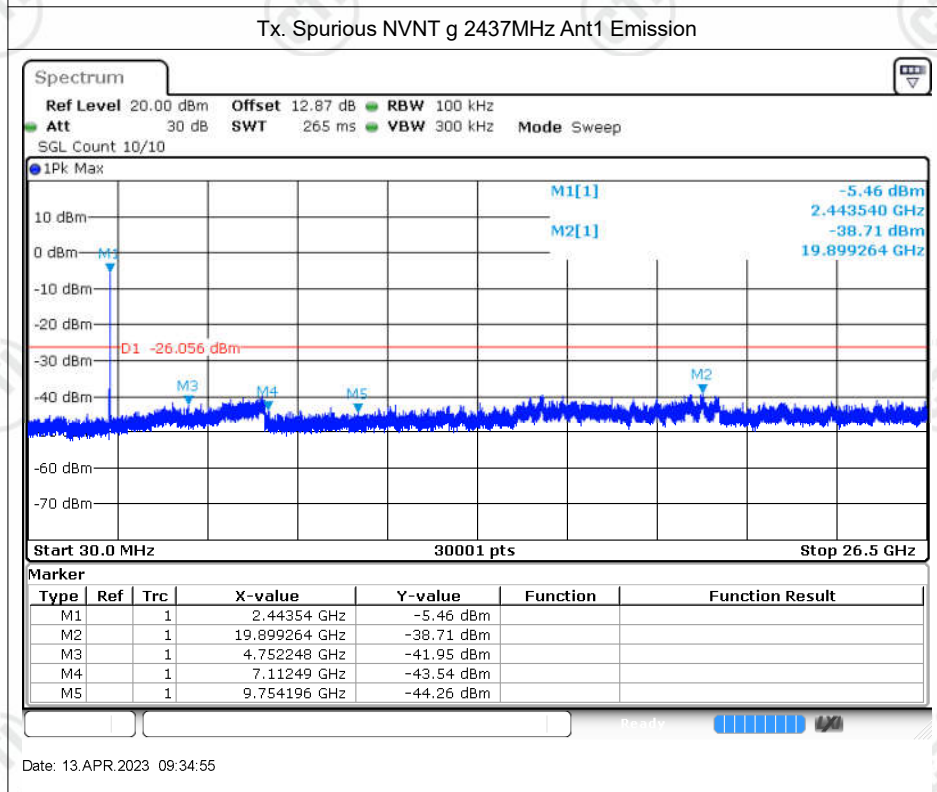
Date: 13.APR.2023 09:33:36

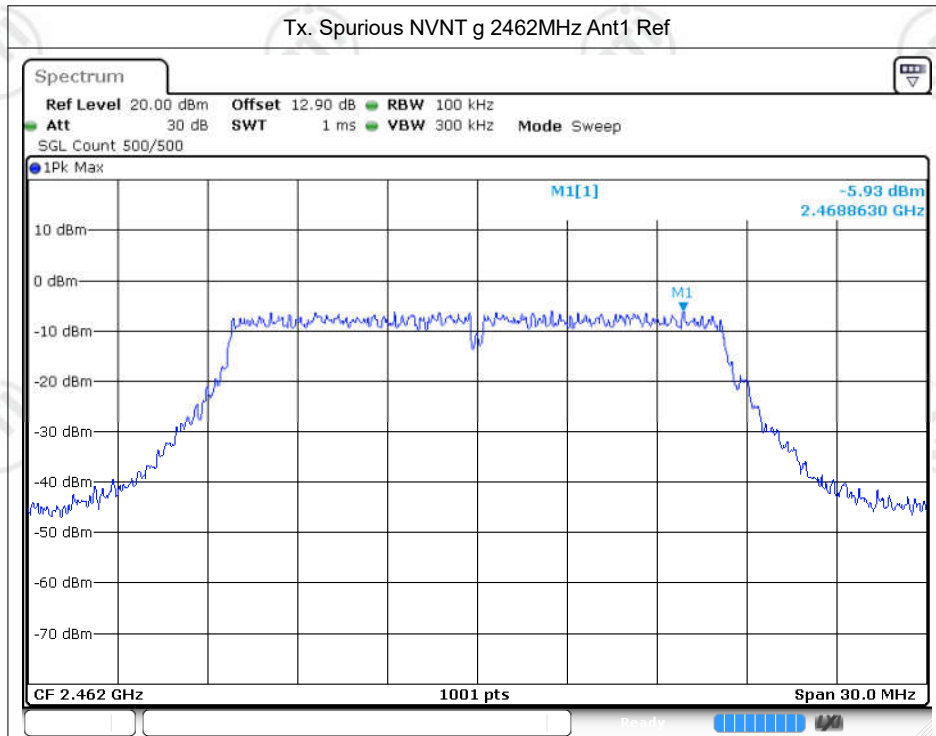


Date: 13.APR.2023 09:33:47

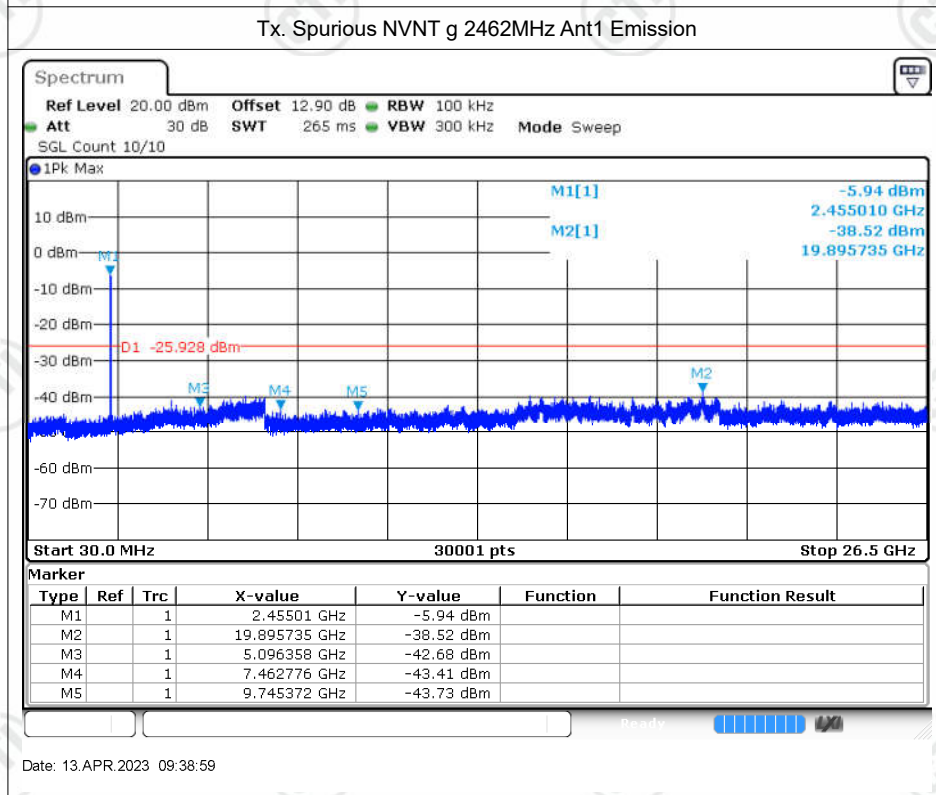


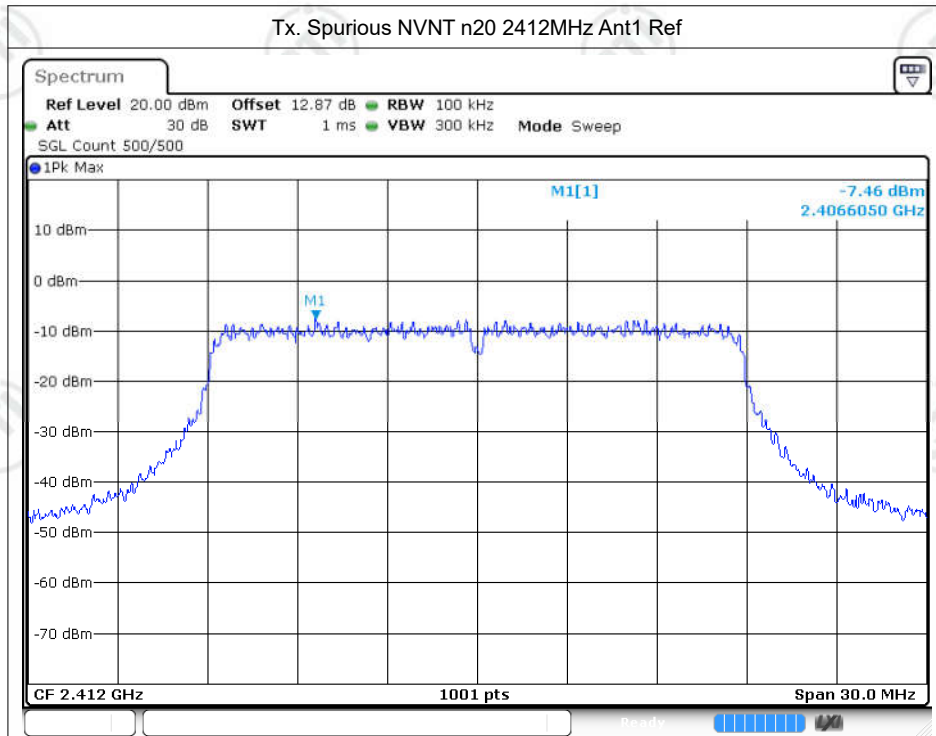
Date: 13.APR.2023 09:34:43



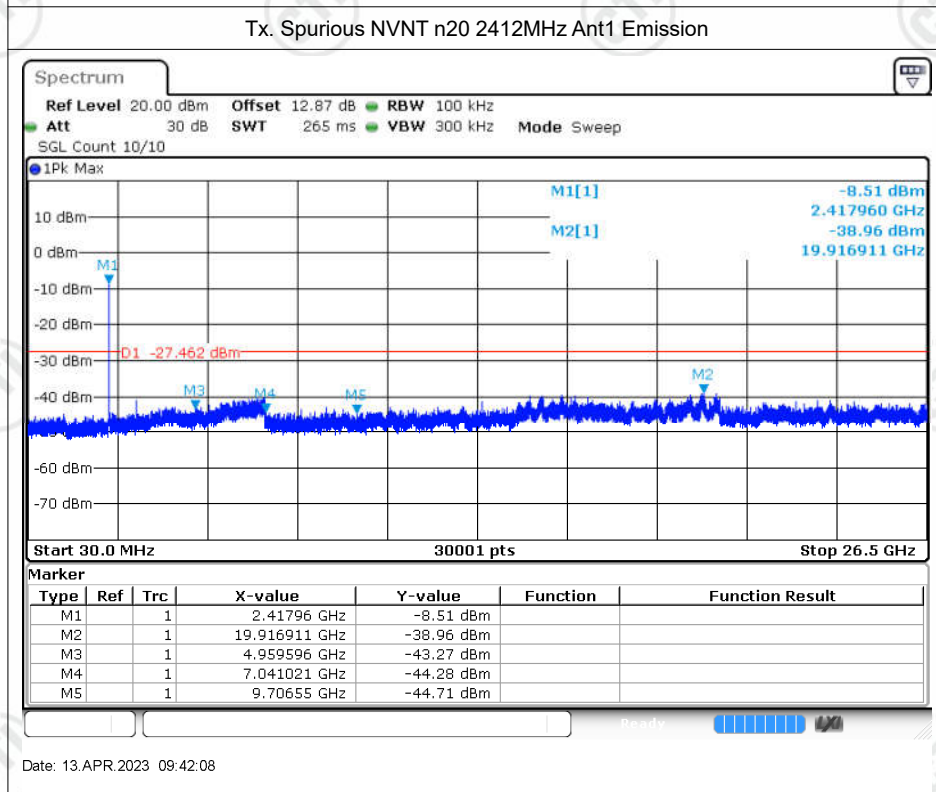


Date: 13.APR.2023 09:38:48

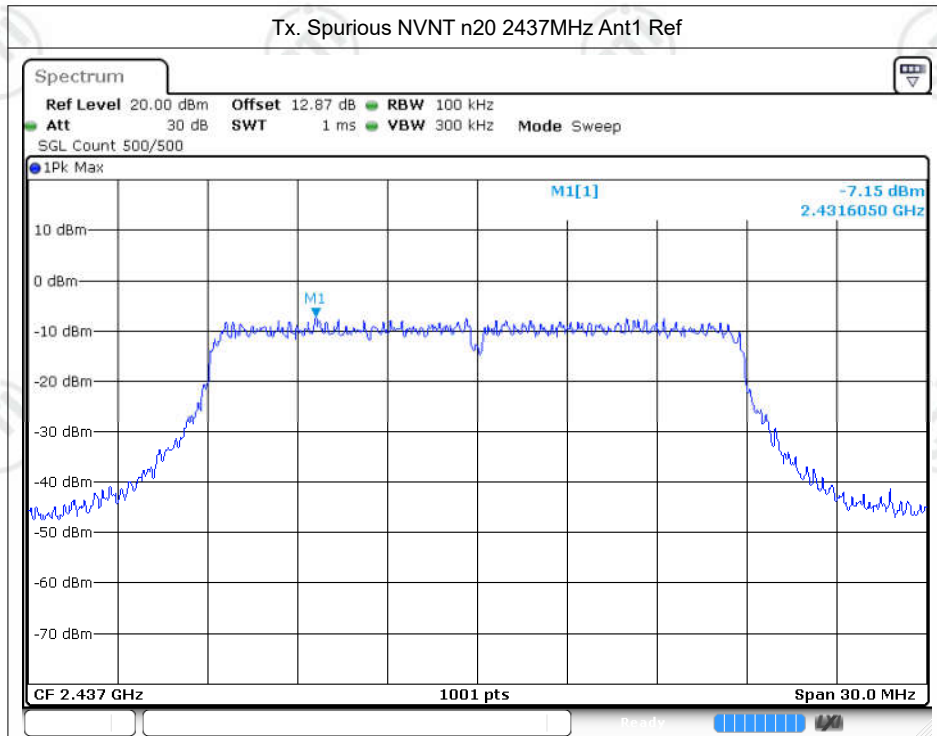




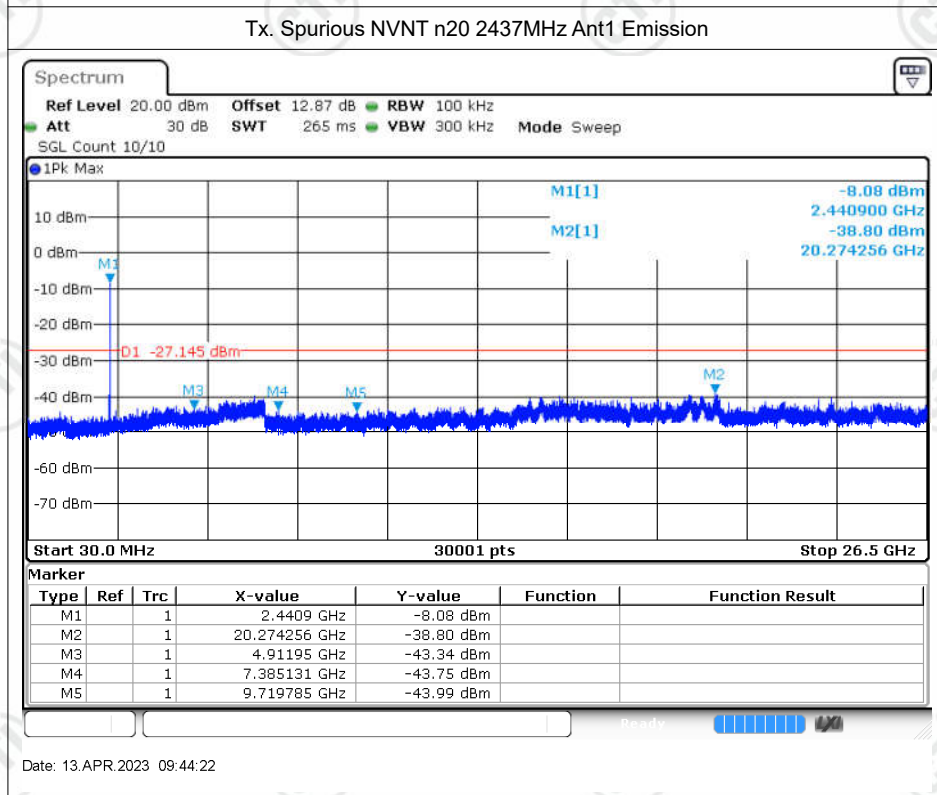
Date: 13.APR.2023 09:41:56



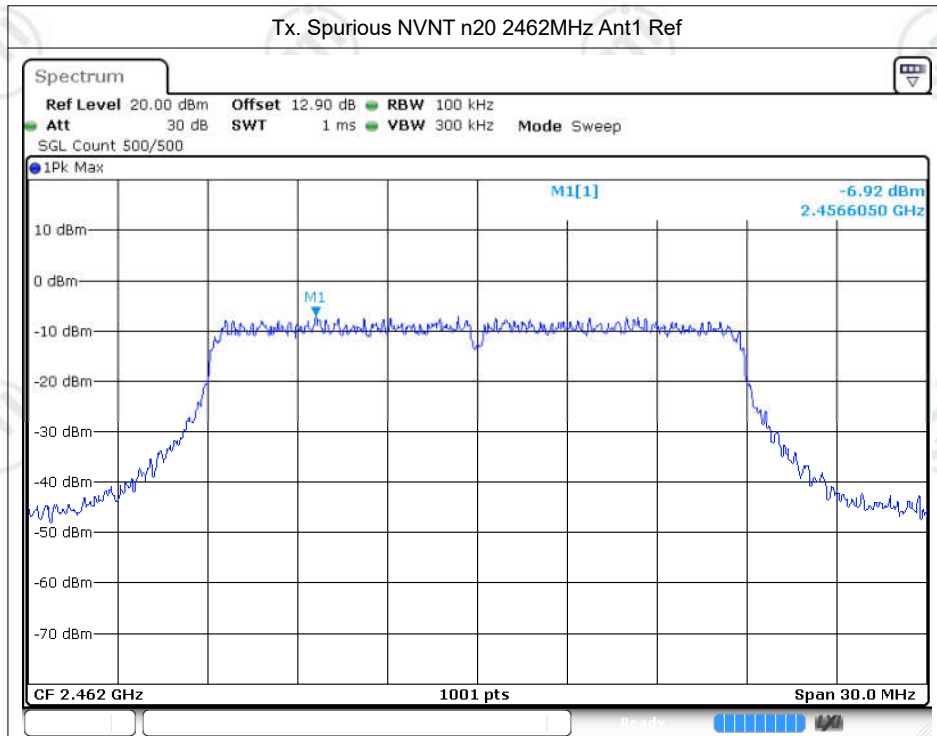
Date: 13.APR.2023 09:42:08



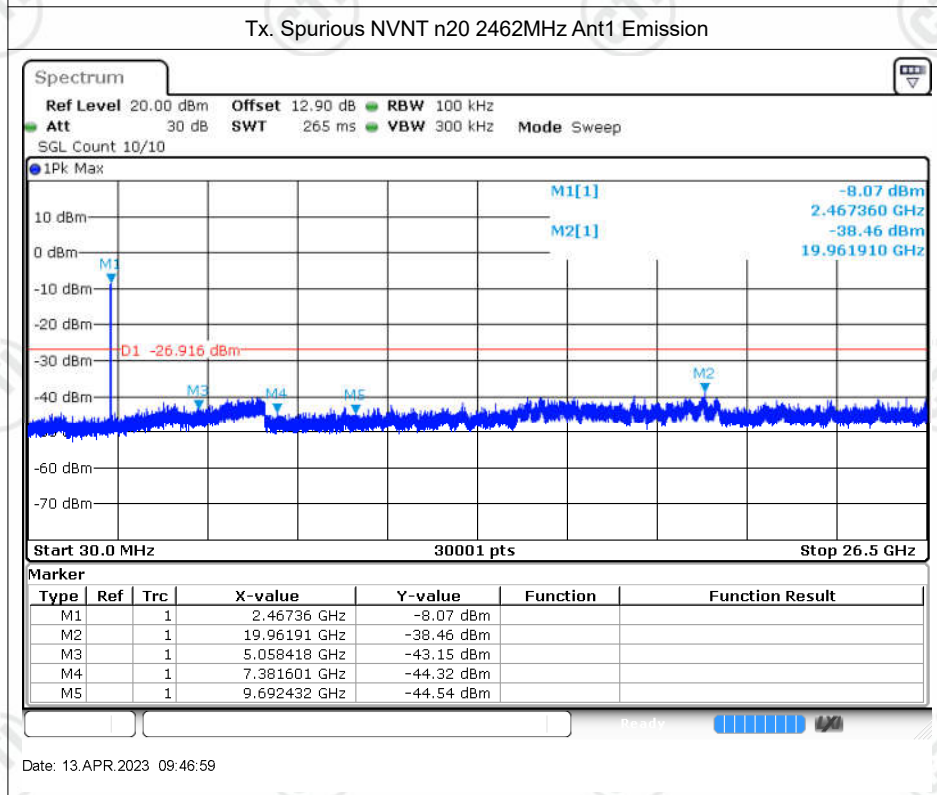
Date: 13.APR.2023 09:44:11



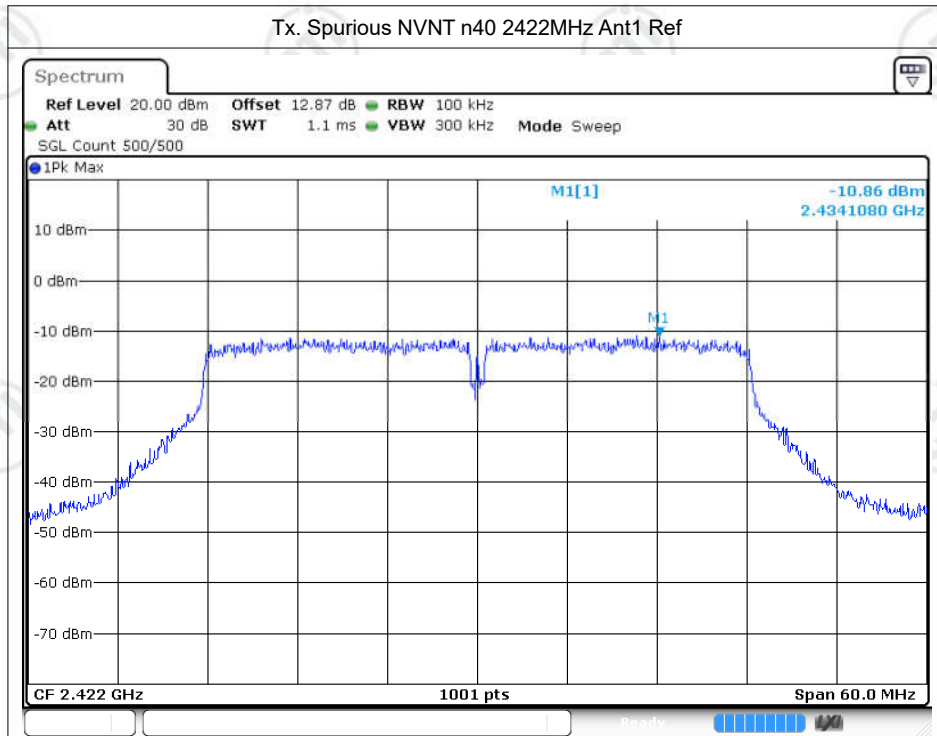
Date: 13.APR.2023 09:44:22



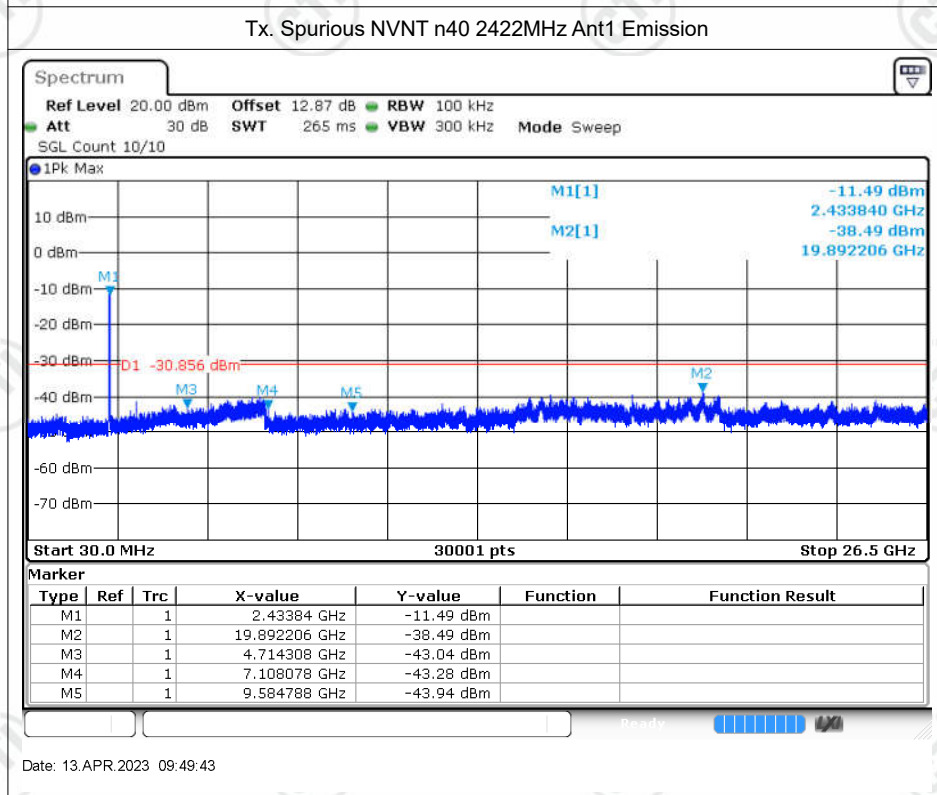
Date: 13.APR.2023 09:46:48



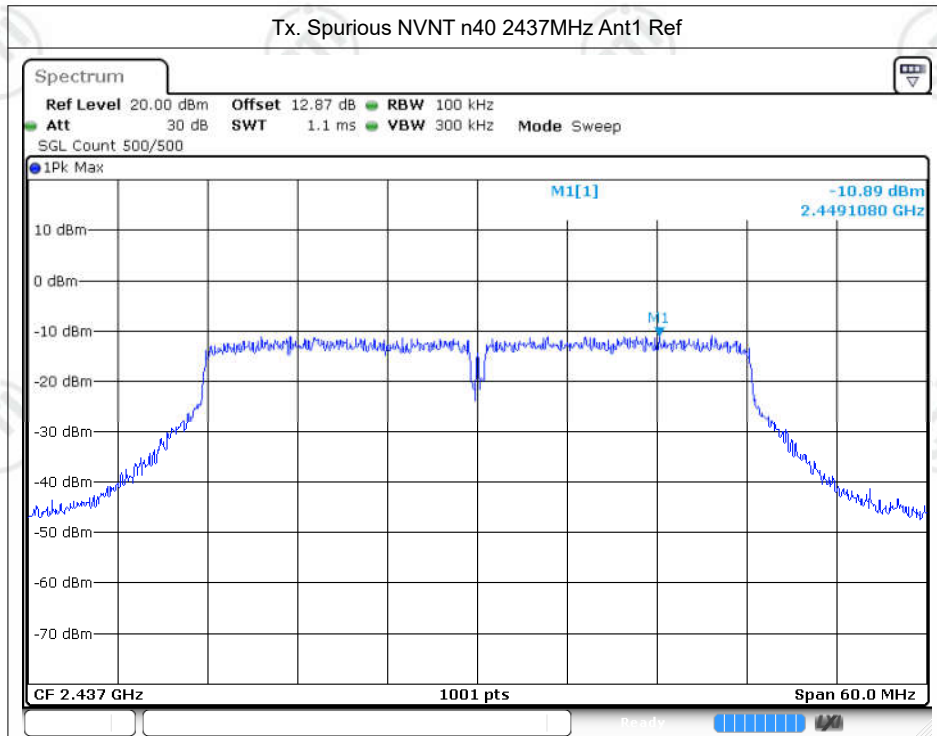
Date: 13.APR.2023 09:46:59



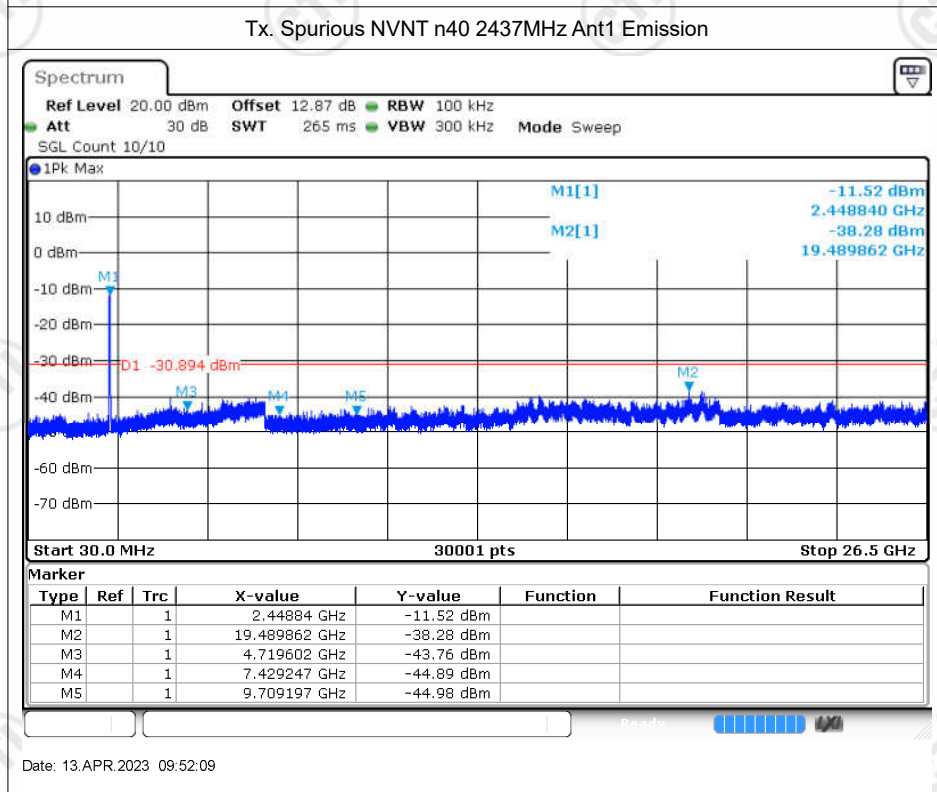
Date: 13.APR.2023 09:49:31



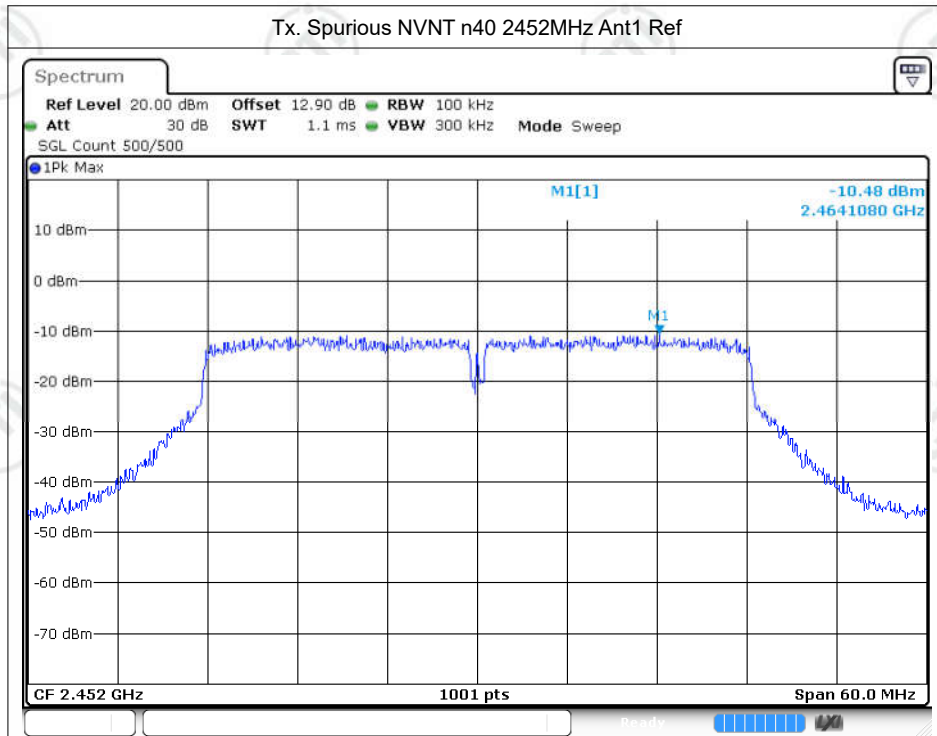
Date: 13.APR.2023 09:49:43



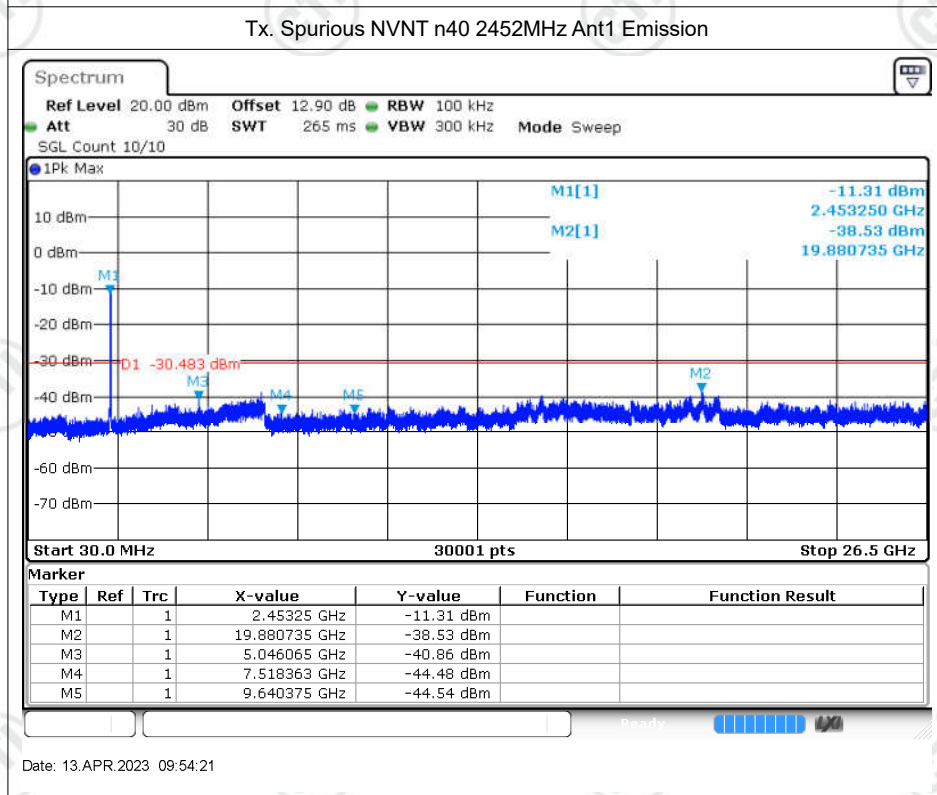
Date: 13.APR.2023 09:51:58



Date: 13.APR.2023 09:52:09



Date: 13.APR.2023 09:54:10



Date: 13.APR.2023 09:54:21

*** End of Report ***