

Appendix: Bluetooth Classic

Contents

Contents 2

Dwell Time 3

Duty Cycle 13

Maximum Peak Conducted Output Power 19

-20dB Bandwidth 25

Occupied Channel Bandwidth 31

Carrier Frequencies Separation 37

Band Edge 43

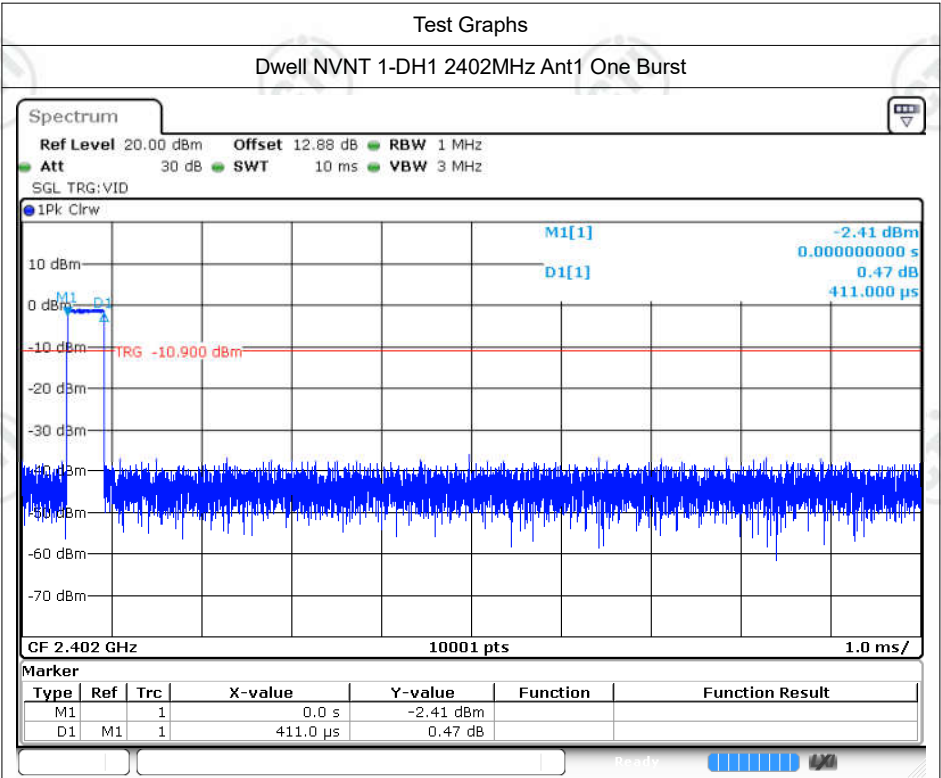
Band Edge(Hopping) 50

Conducted RF Spurious Emission 57

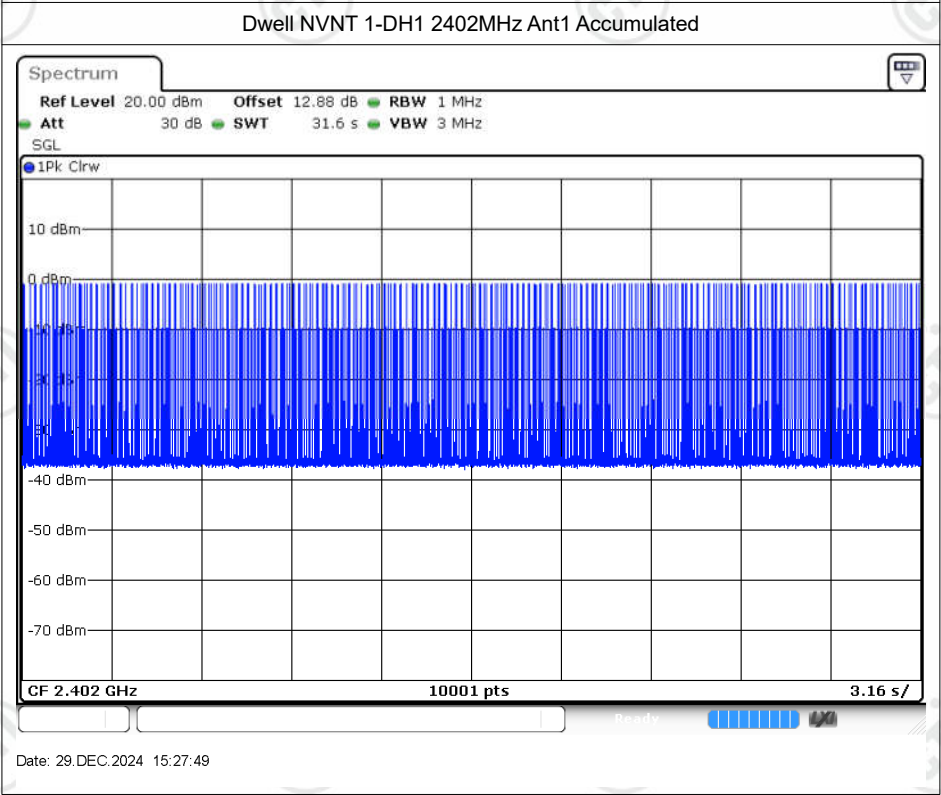
Number of Hopping Channel 67

Dwell Time

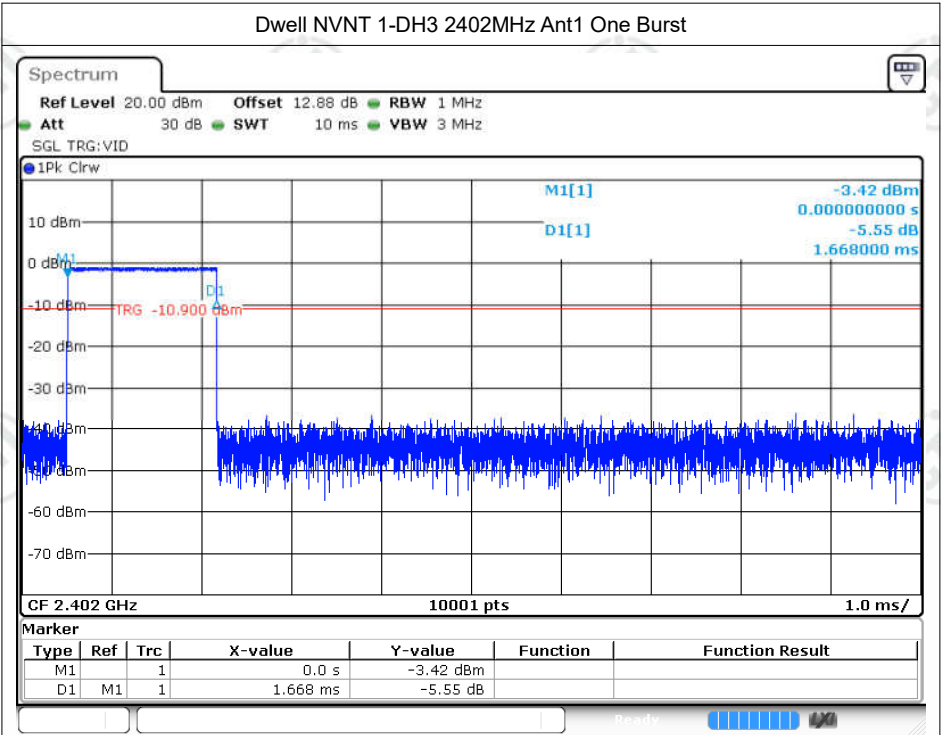
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2402	Ant1	0.411	131.109	319	31600	400	Pass
NVNT	1-DH3	2402	Ant1	1.668	261.876	157	31600	400	Pass
NVNT	1-DH5	2402	Ant1	2.916	306.18	105	31600	400	Pass
NVNT	2-DH1	2402	Ant1	0.422	134.618	319	31600	400	Pass
NVNT	2-DH3	2402	Ant1	1.674	262.818	157	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.922	327.264	112	31600	400	Pass
NVNT	3-DH1	2402	Ant1	0.424	135.256	319	31600	400	Pass
NVNT	3-DH3	2402	Ant1	1.674	271.188	162	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.924	312.868	107	31600	400	Pass



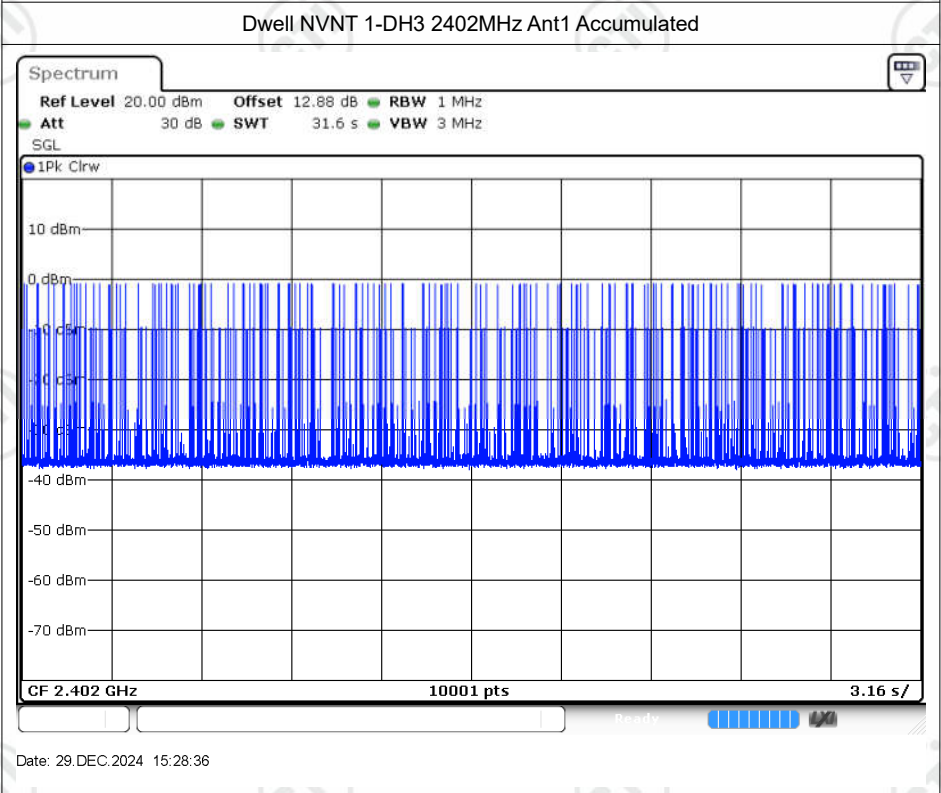
Date: 29.DEC.2024 15:27:16



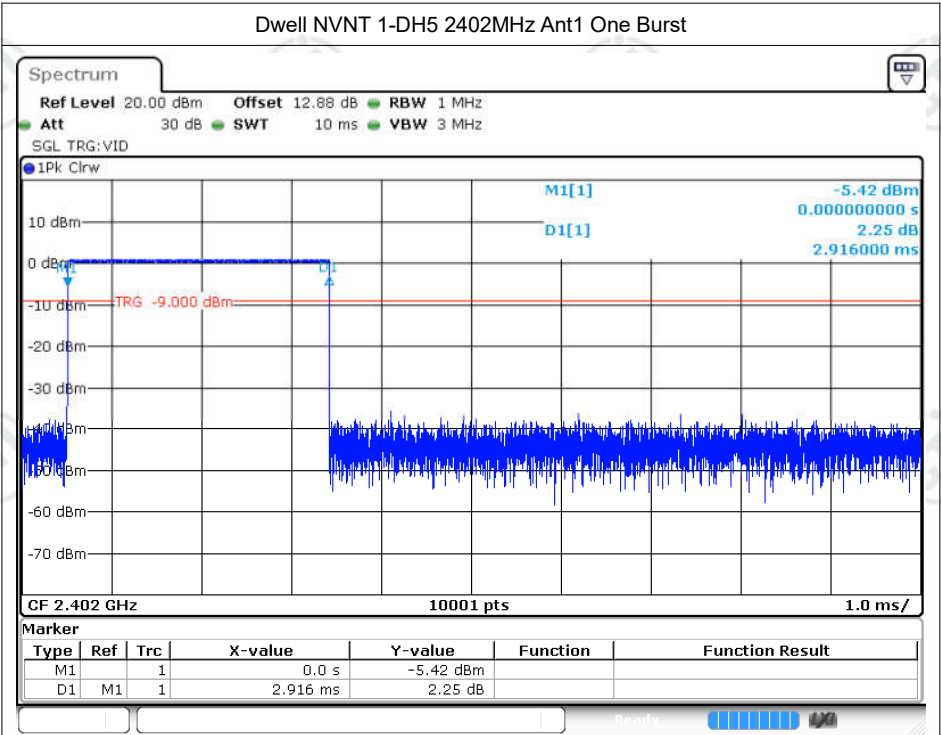
Date: 29.DEC.2024 15:27:49



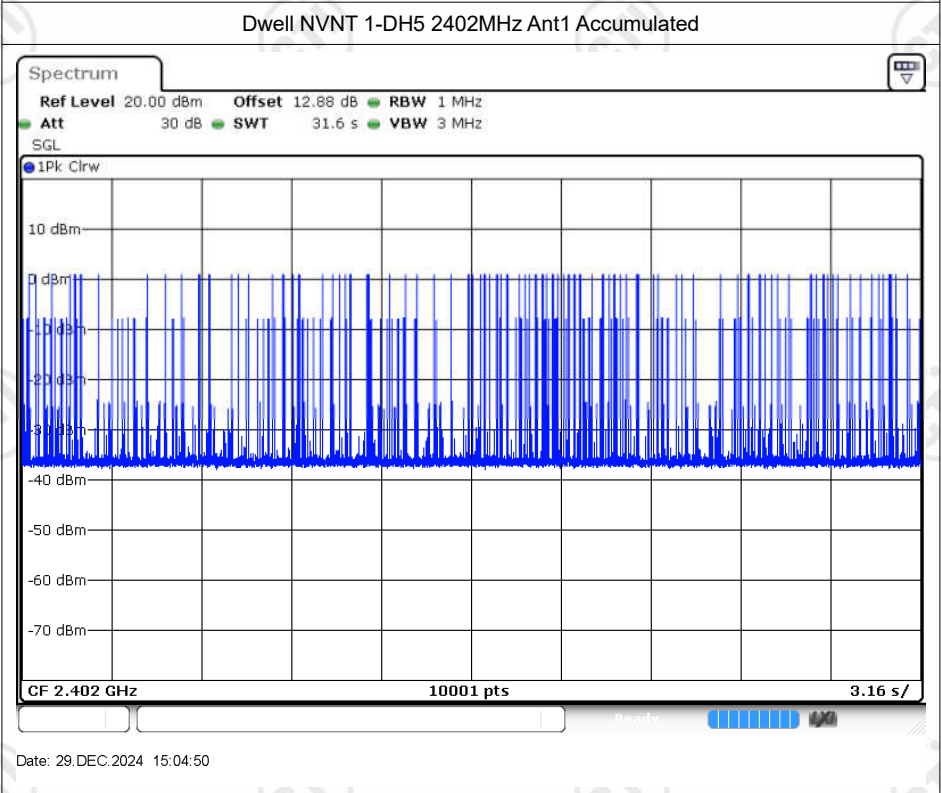
Date: 29.DEC.2024 15:28:03



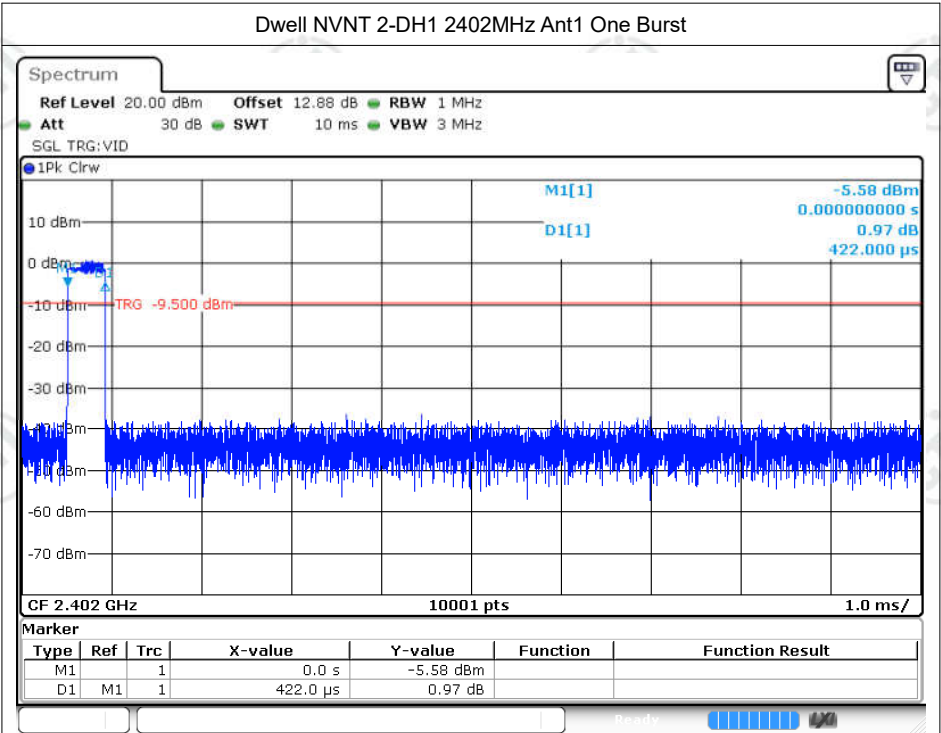
Date: 29.DEC.2024 15:28:36



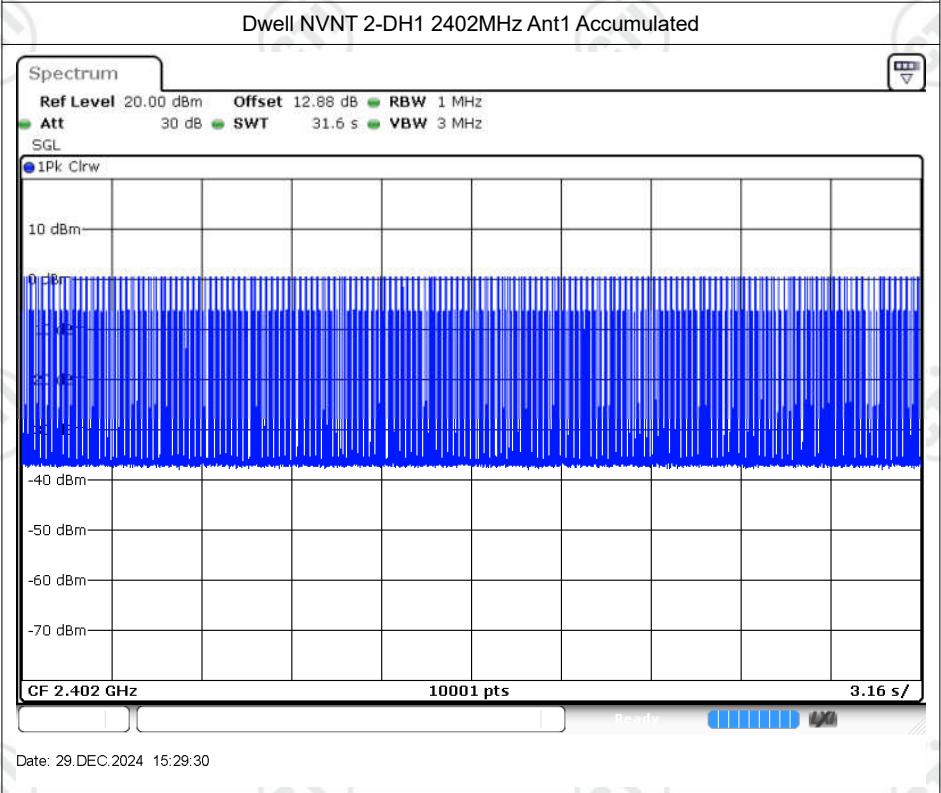
Date: 29.DEC.2024 15:04:17



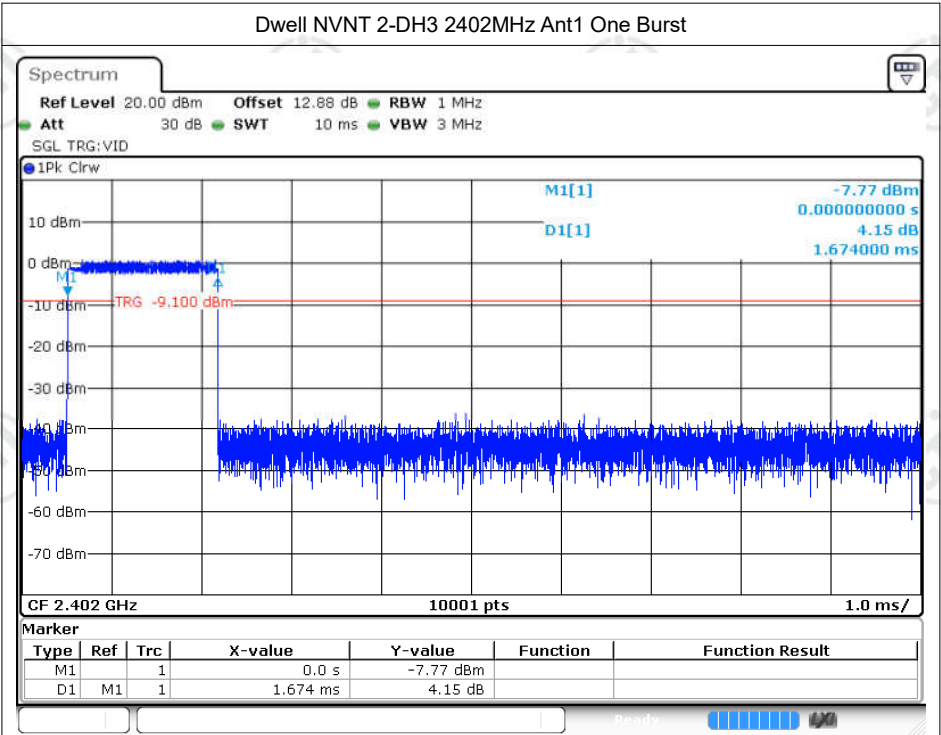
Date: 29.DEC.2024 15:04:50



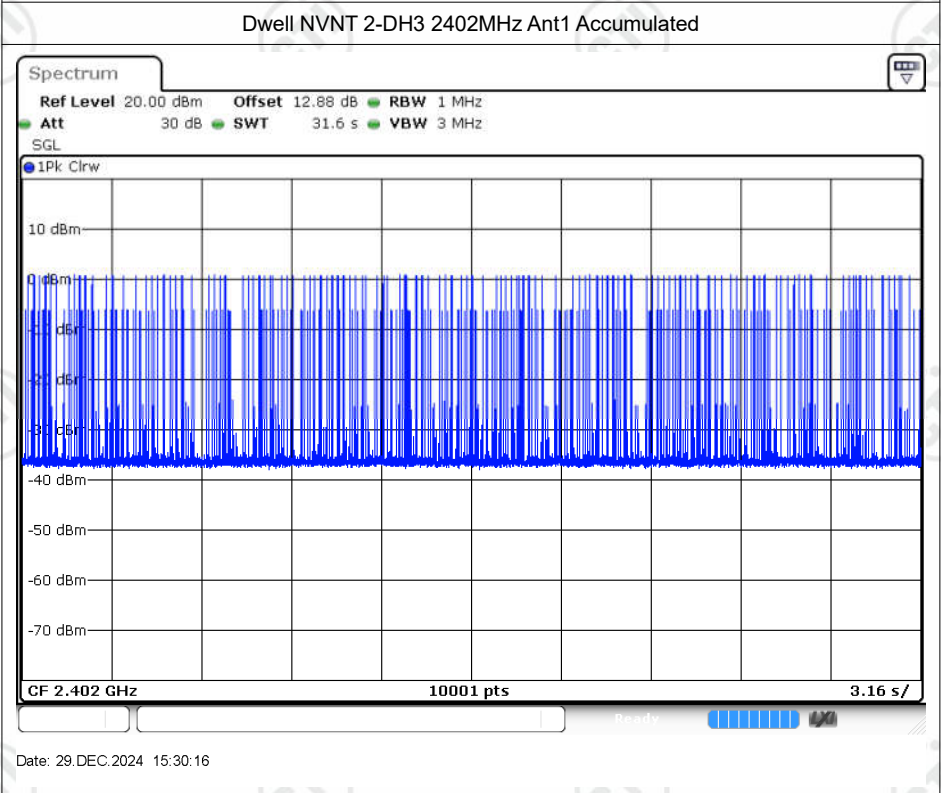
Date: 29.DEC.2024 15:28:57



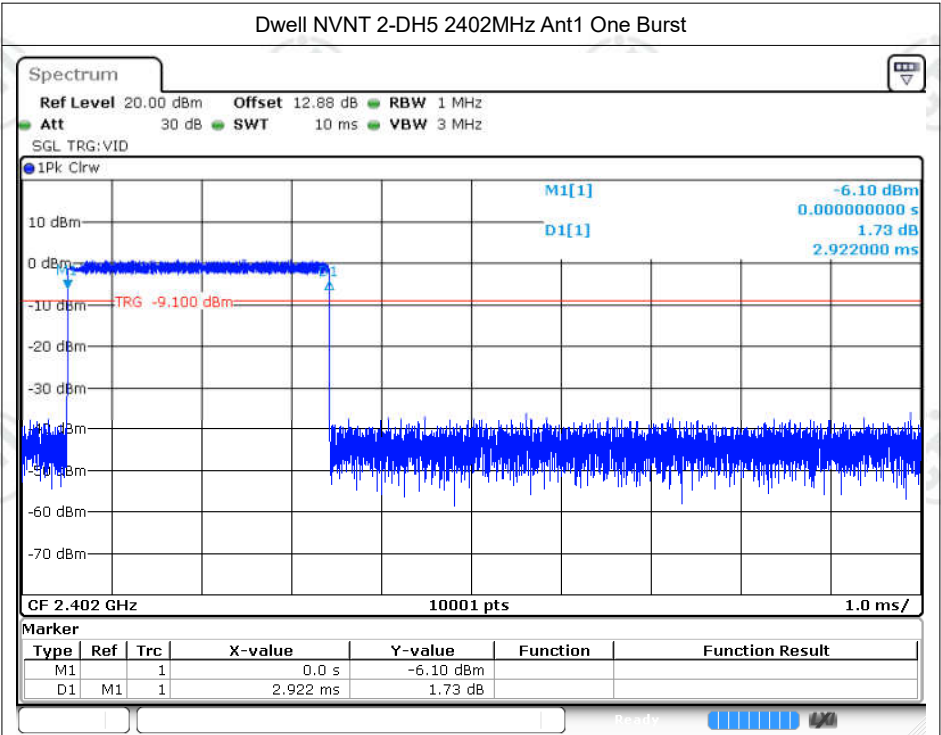
Date: 29.DEC.2024 15:29:30



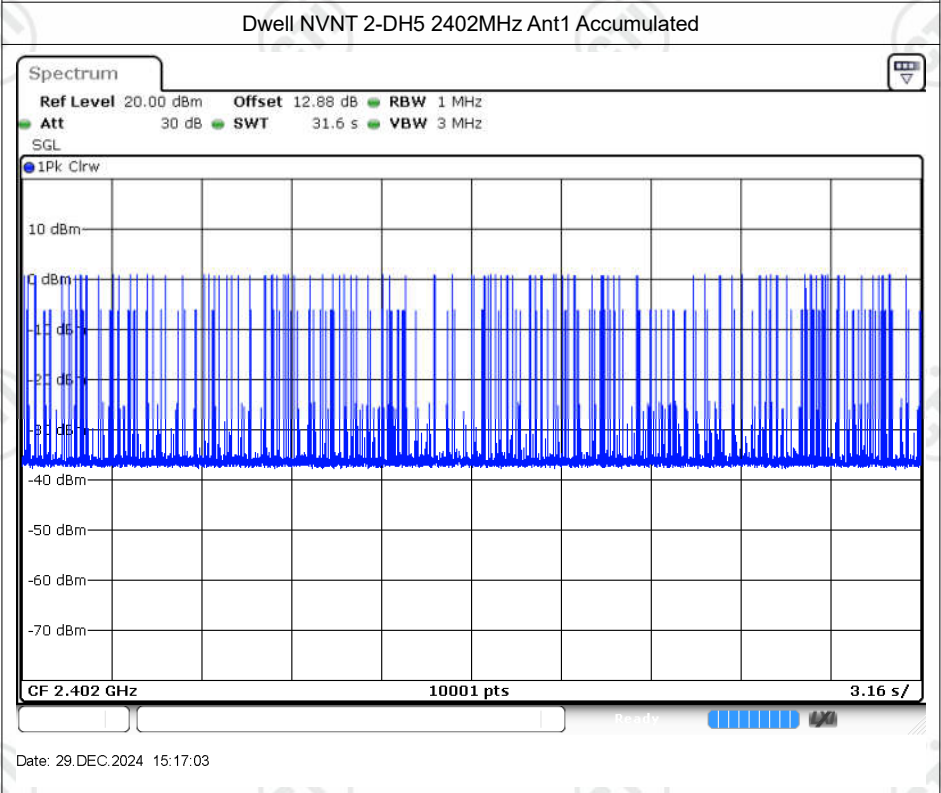
Date: 29.DEC.2024 15:29:43



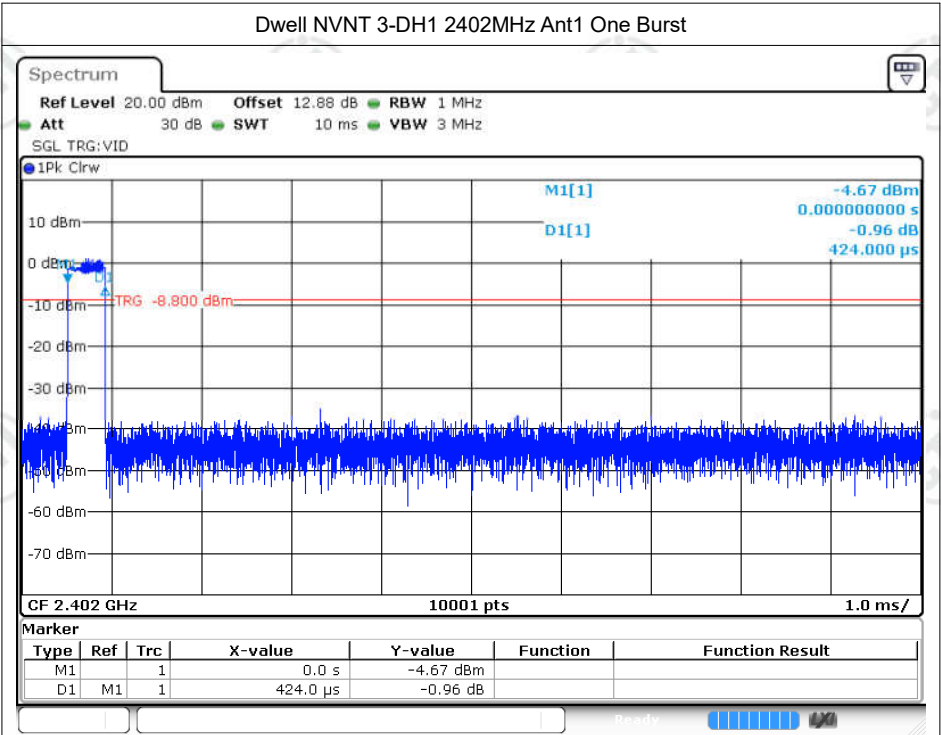
Date: 29.DEC.2024 15:30:16



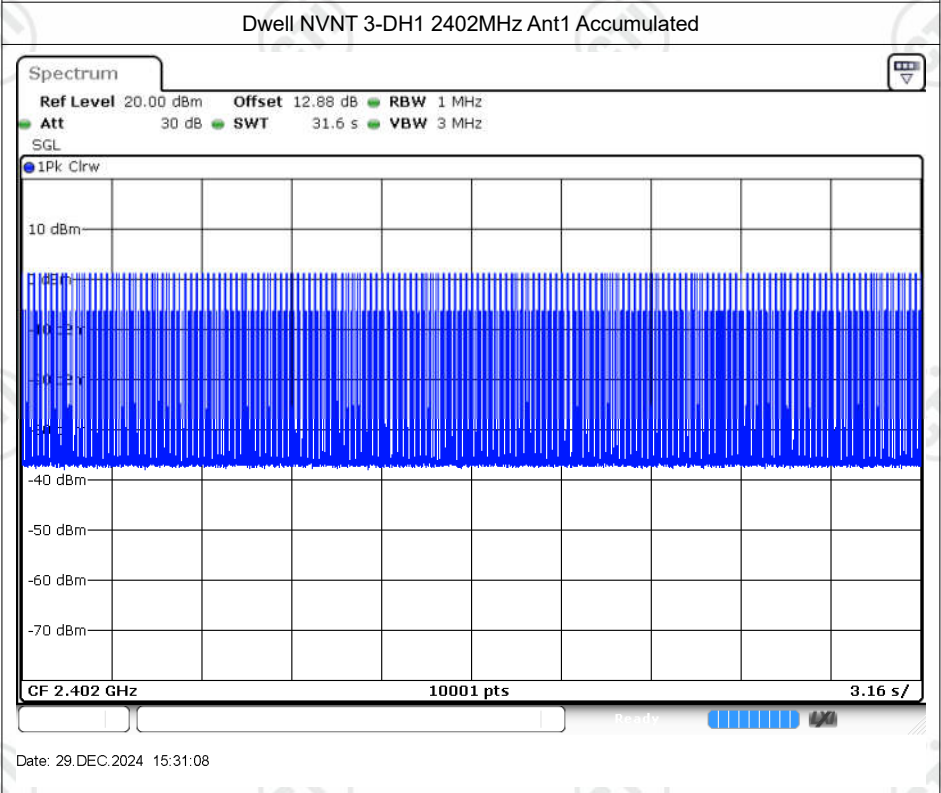
Date: 29.DEC.2024 15:16:30



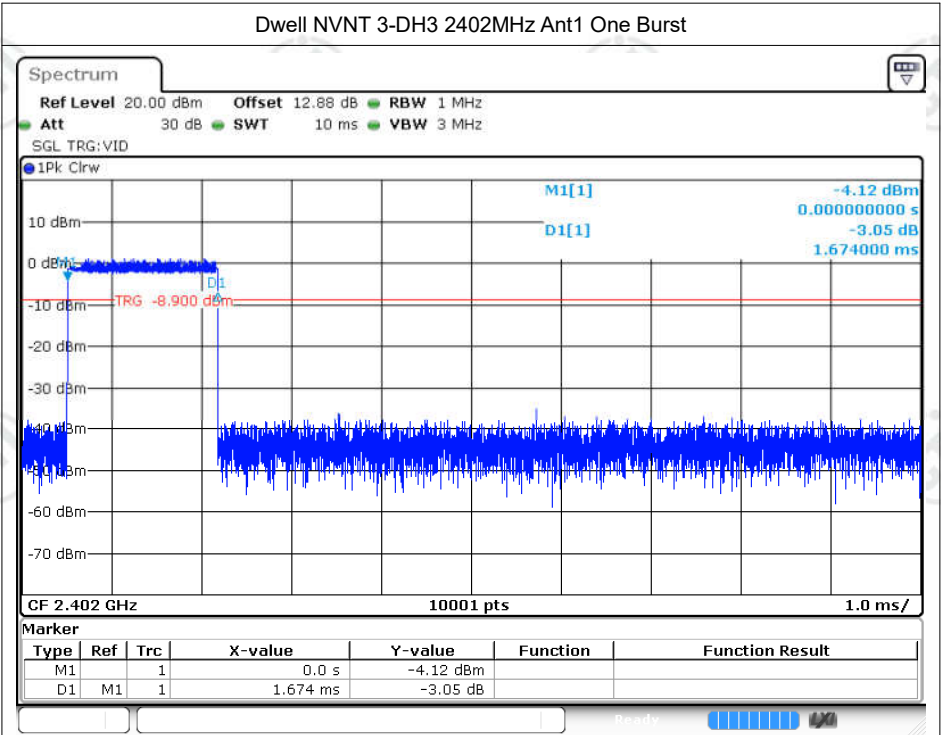
Date: 29.DEC.2024 15:17:03



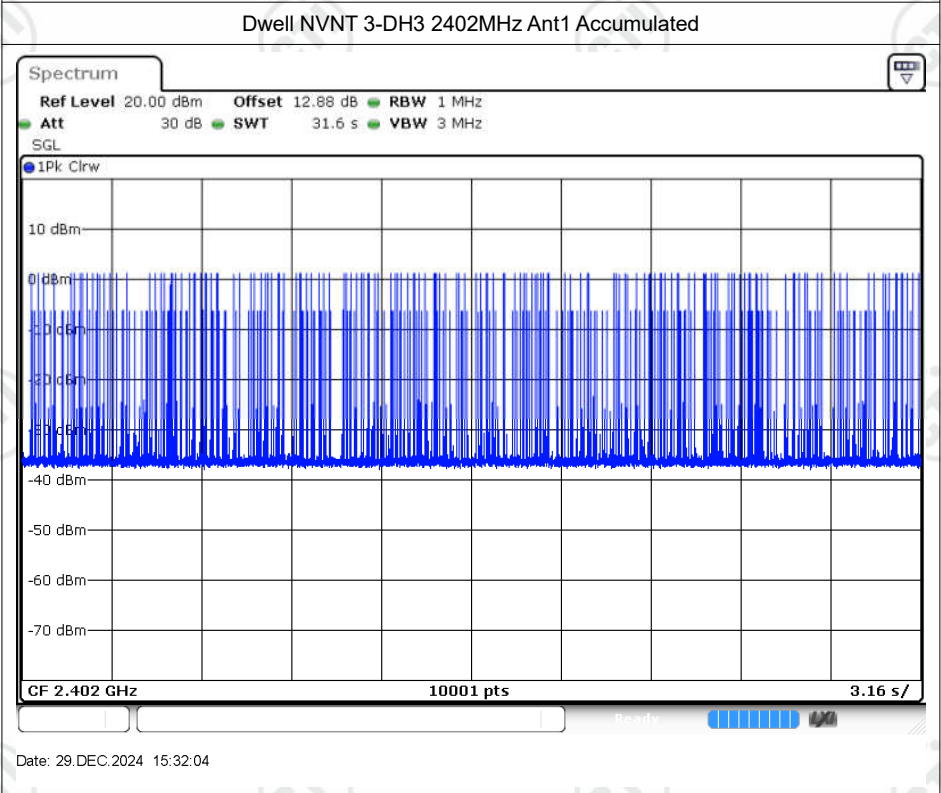
Date: 29.DEC.2024 15:30:35



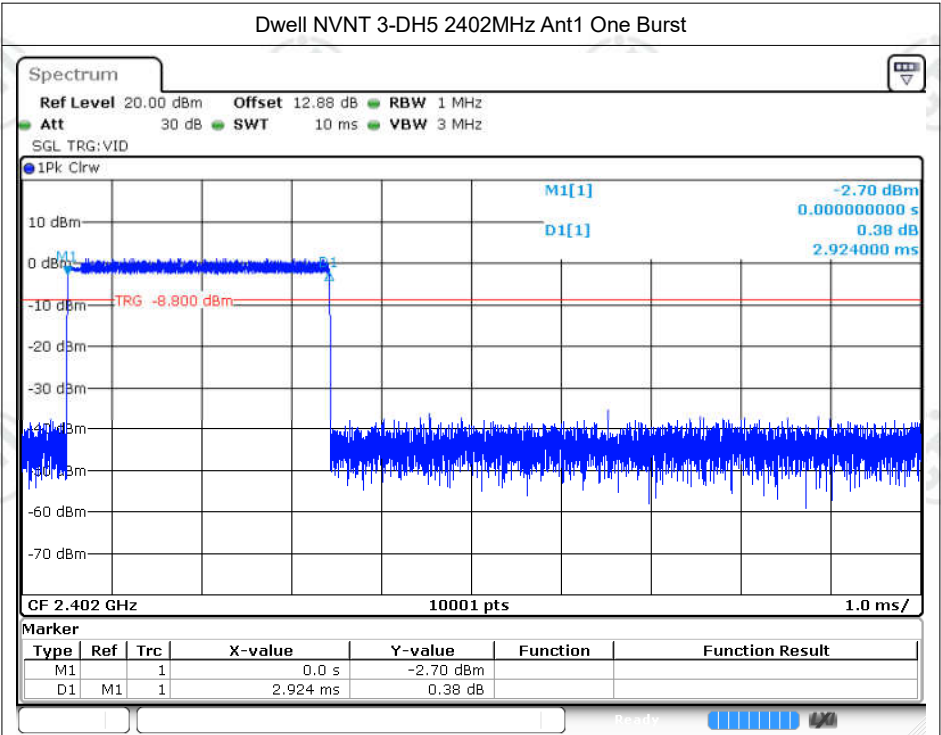
Date: 29.DEC.2024 15:31:08



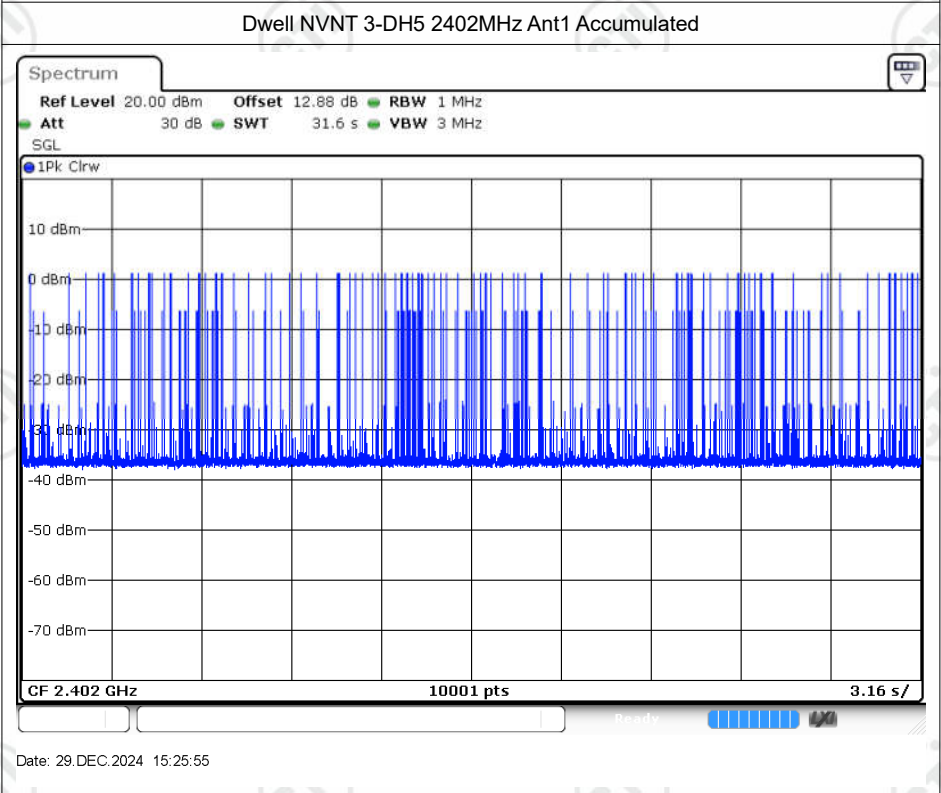
Date: 29.DEC.2024 15:31:31



Date: 29.DEC.2024 15:32:04



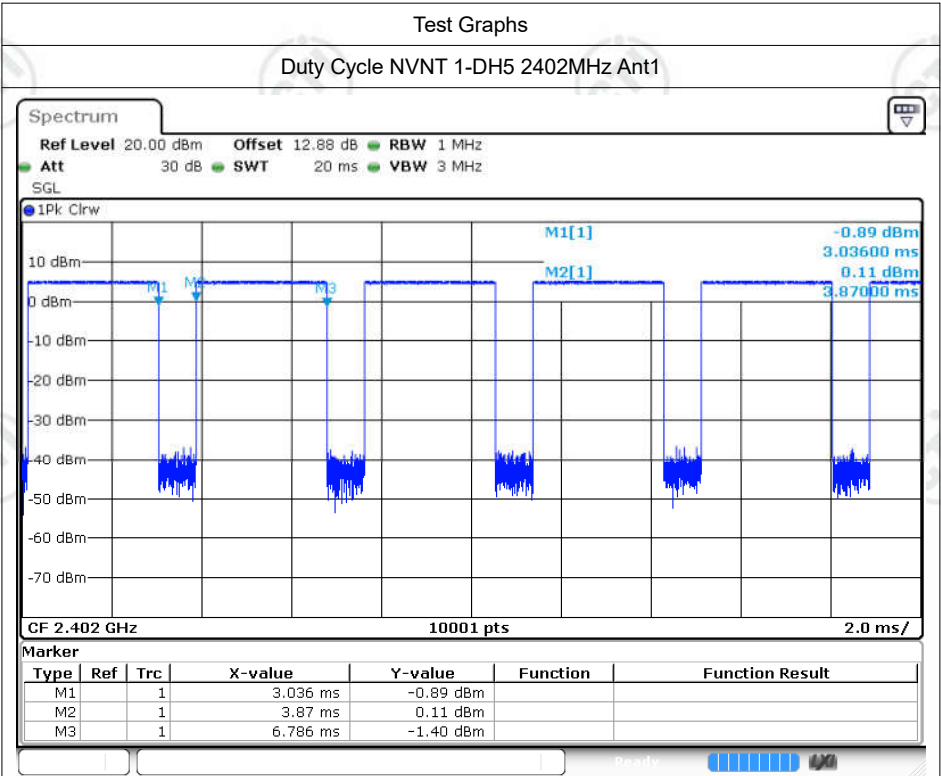
Date: 29.DEC.2024 15:25:22



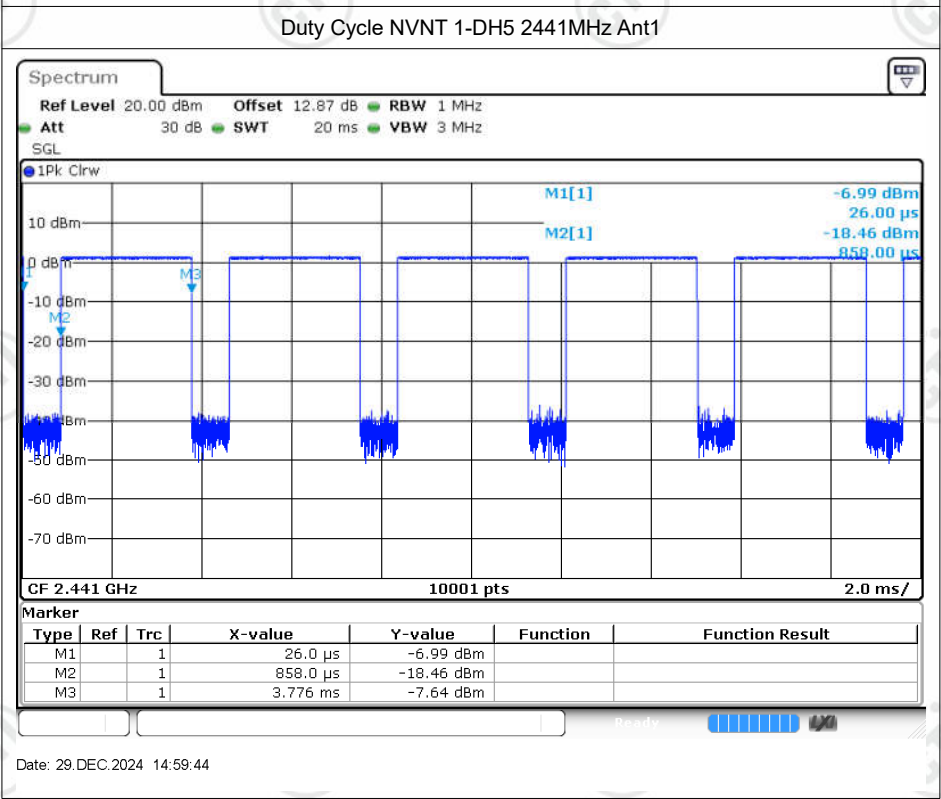
Date: 29.DEC.2024 15:25:55

Duty Cycle

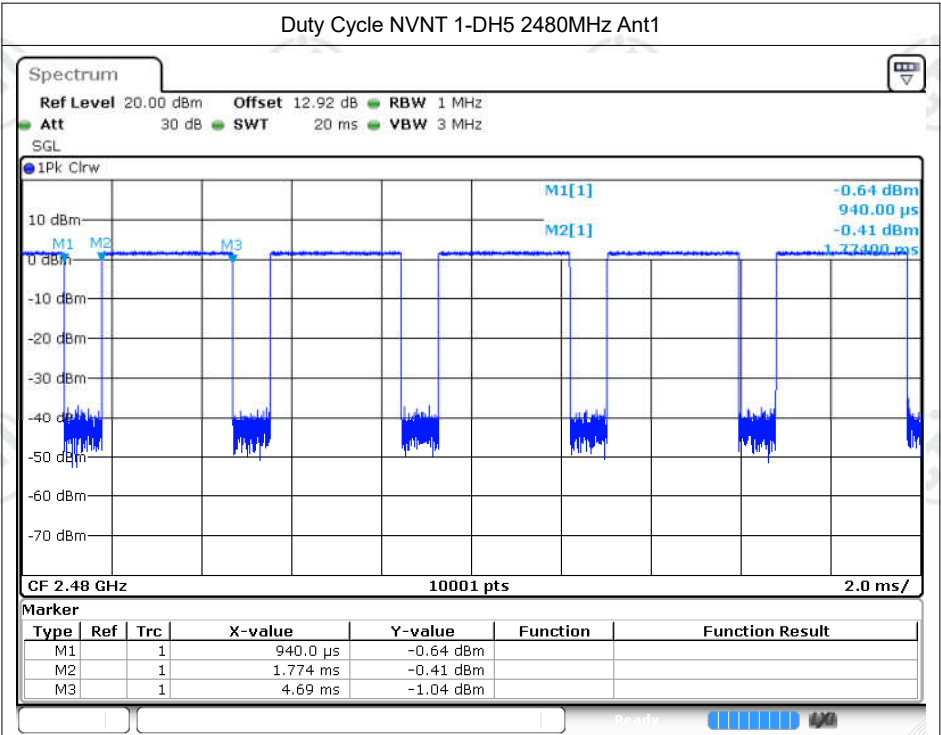
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	77.76	1.09	0.34
NVNT	1-DH5	2441	Ant1	77.81	1.09	0.34
NVNT	1-DH5	2480	Ant1	77.76	1.09	0.34
NVNT	2-DH5	2402	Ant1	77.96	1.08	0.34
NVNT	2-DH5	2441	Ant1	77.96	1.08	0.34
NVNT	2-DH5	2480	Ant1	77.96	1.08	0.34
NVNT	3-DH5	2402	Ant1	78	1.08	0.34
NVNT	3-DH5	2441	Ant1	78.04	1.08	0.34
NVNT	3-DH5	2480	Ant1	78.04	1.08	0.34



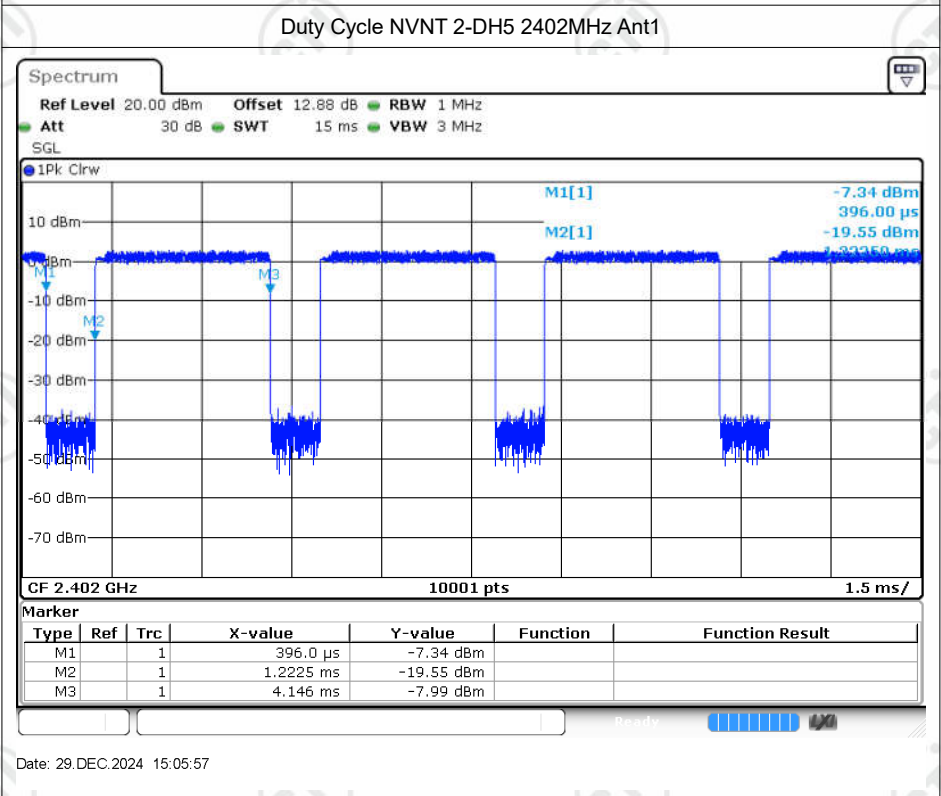
Date: 29.DEC.2024 14:57:53



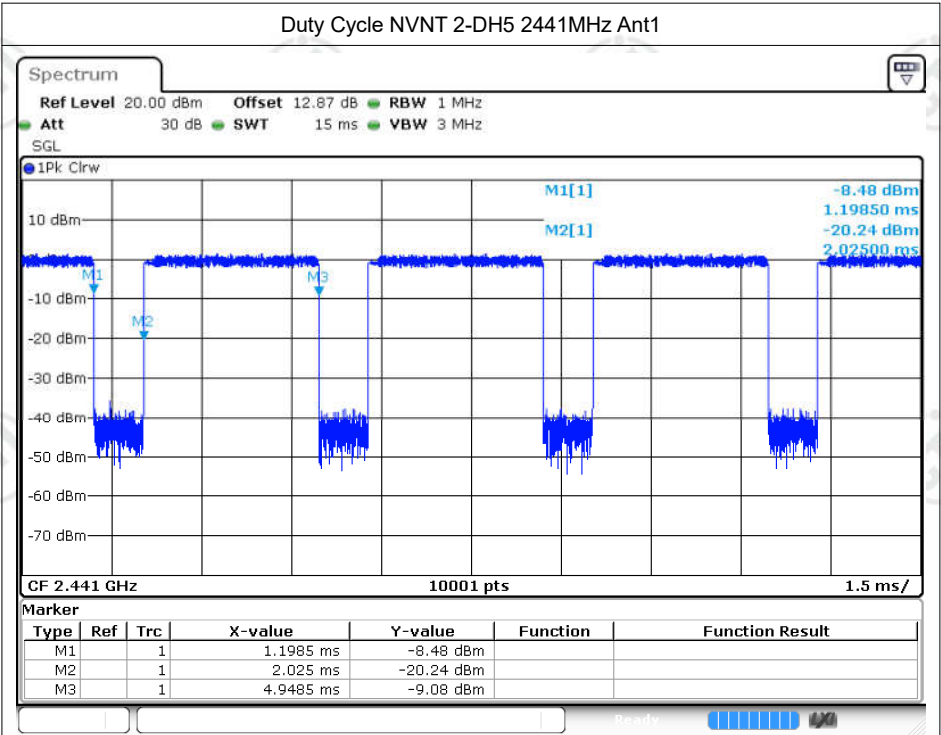
Date: 29.DEC.2024 14:59:44



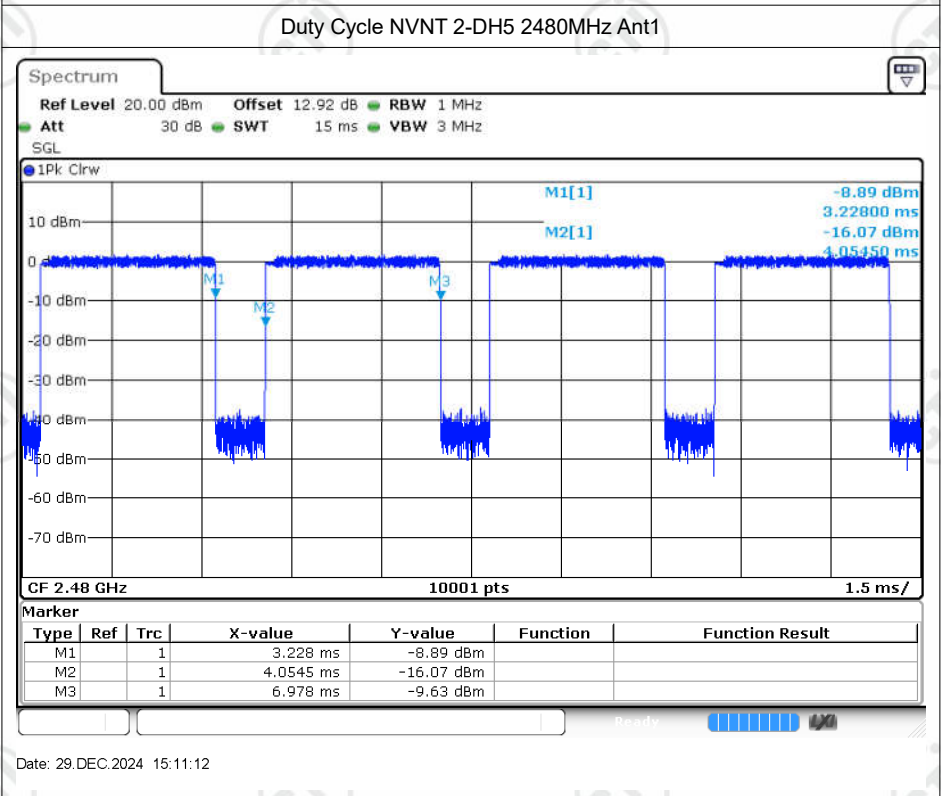
Date: 29.DEC.2024 15:00:59



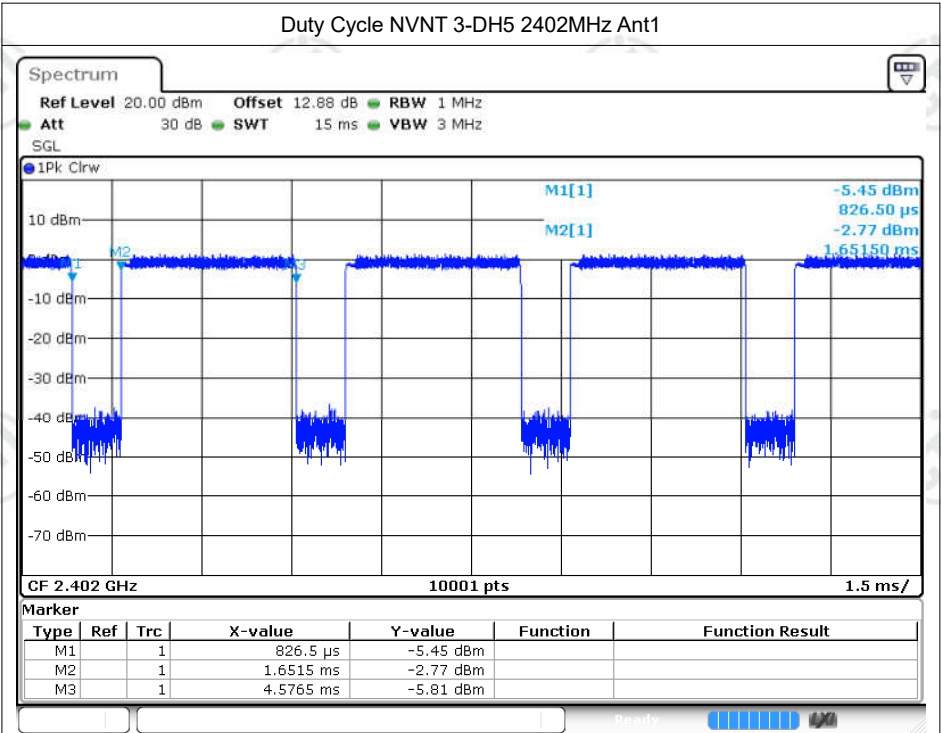
Date: 29.DEC.2024 15:05:57



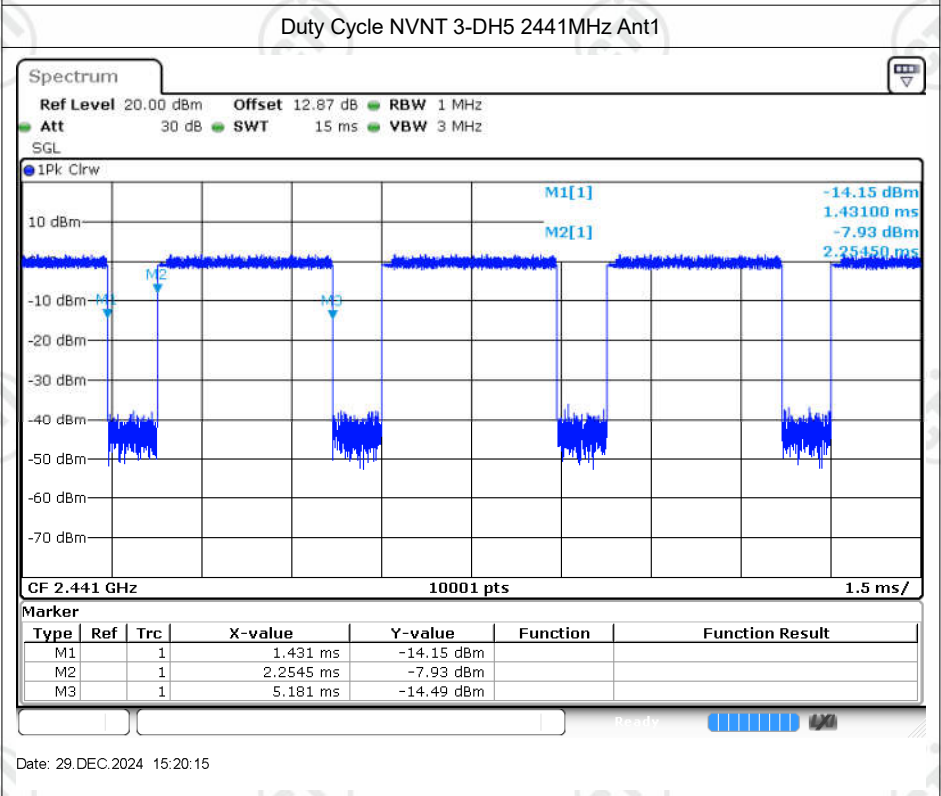
Date: 29.DEC.2024 15:09:28



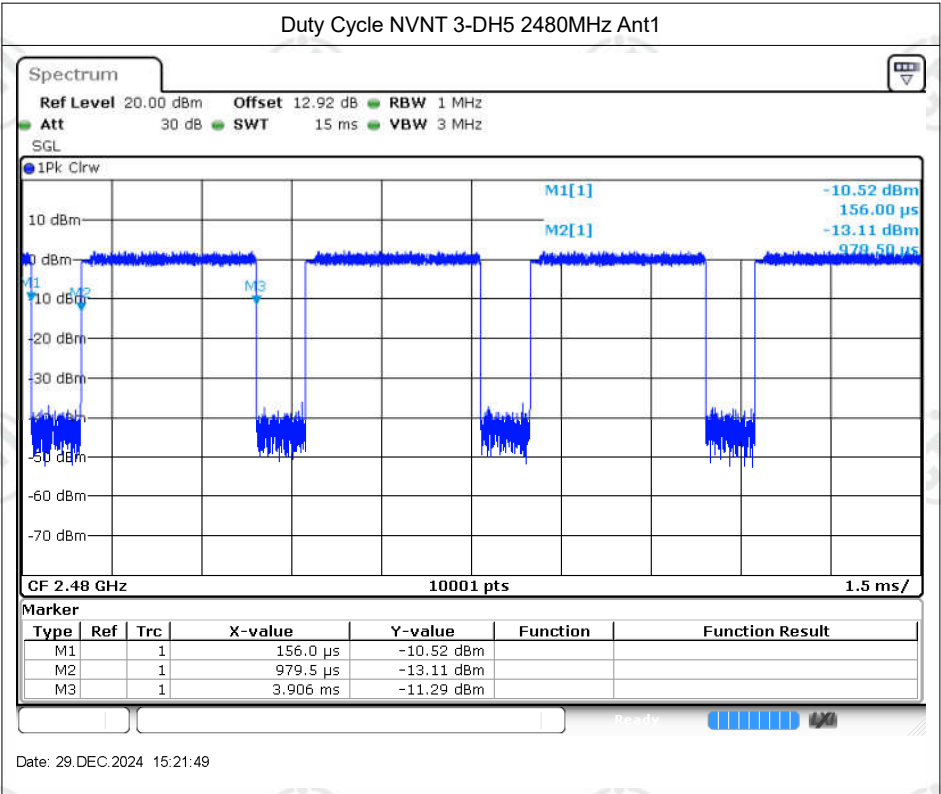
Date: 29.DEC.2024 15:11:12



Date: 29.DEC.2024 15:18:33

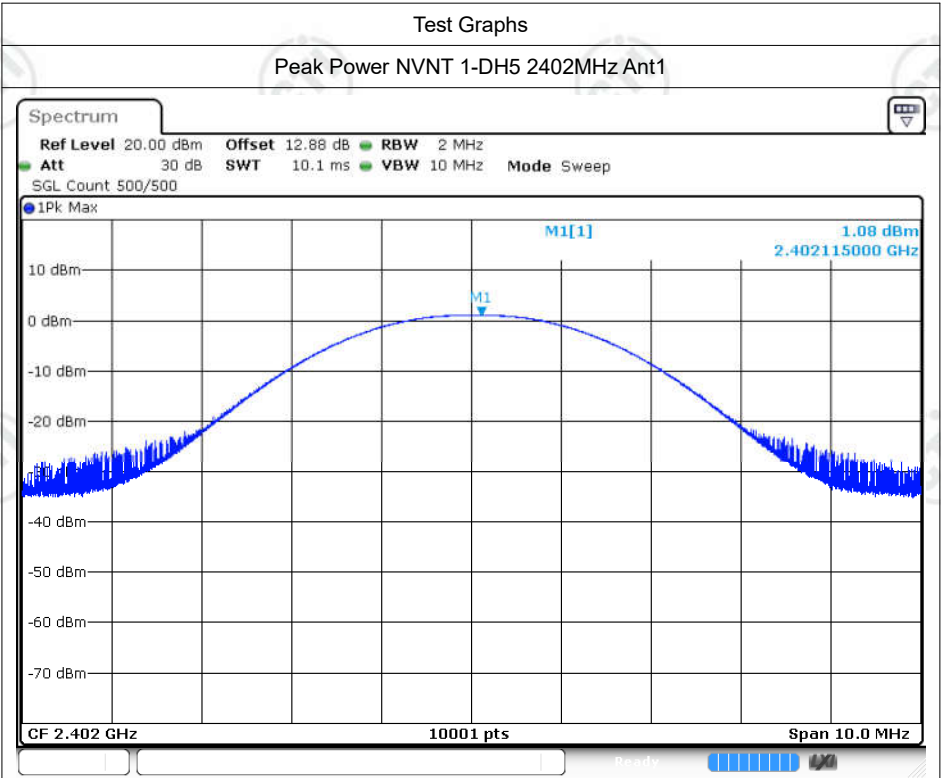


Date: 29.DEC.2024 15:20:15

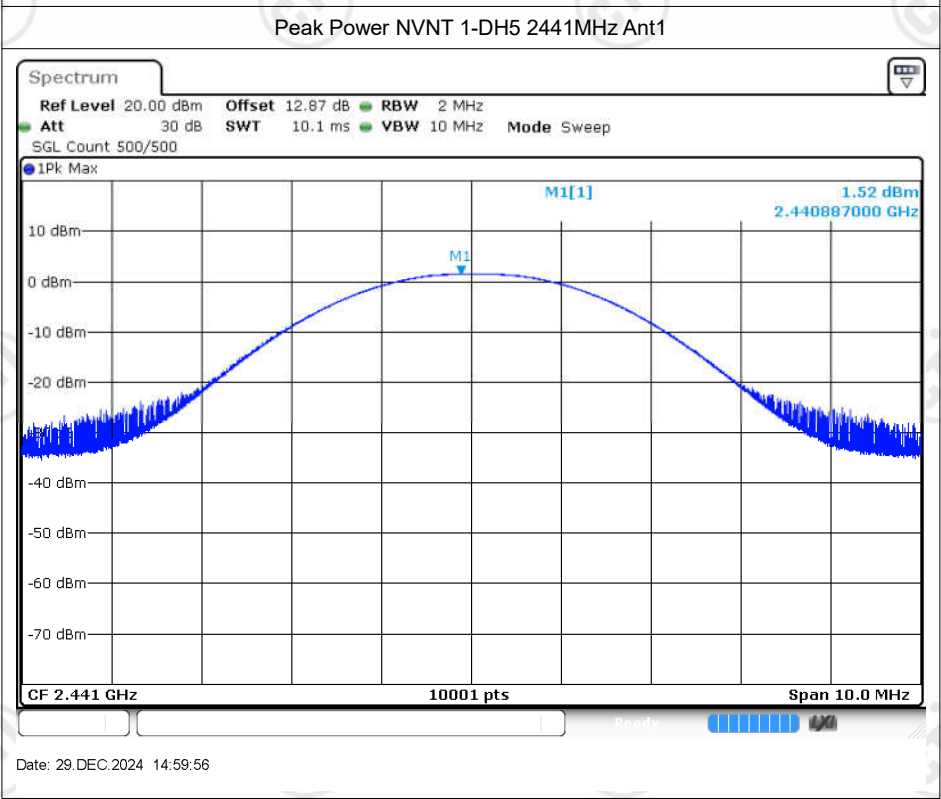


Maximum Peak Conducted Output Power

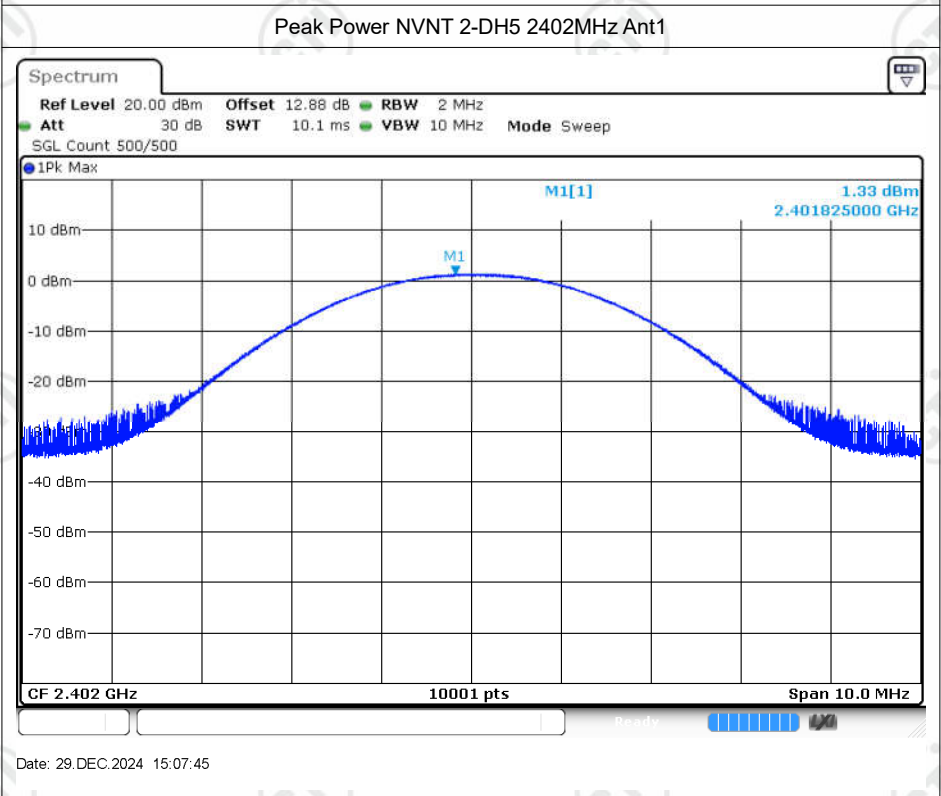
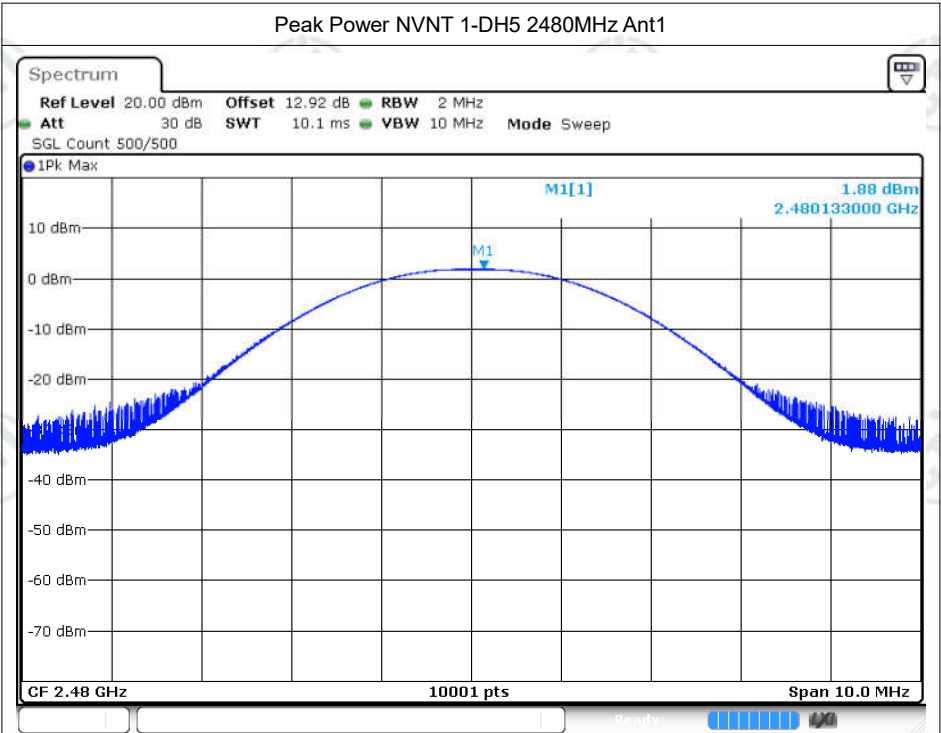
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	1.08	21	Pass
NVNT	1-DH5	2441	Ant1	1.52	21	Pass
NVNT	1-DH5	2480	Ant1	1.88	21	Pass
NVNT	2-DH5	2402	Ant1	1.33	21	Pass
NVNT	2-DH5	2441	Ant1	1.79	21	Pass
NVNT	2-DH5	2480	Ant1	2.13	21	Pass
NVNT	3-DH5	2402	Ant1	1.71	21	Pass
NVNT	3-DH5	2441	Ant1	2.16	21	Pass
NVNT	3-DH5	2480	Ant1	2.47	21	Pass

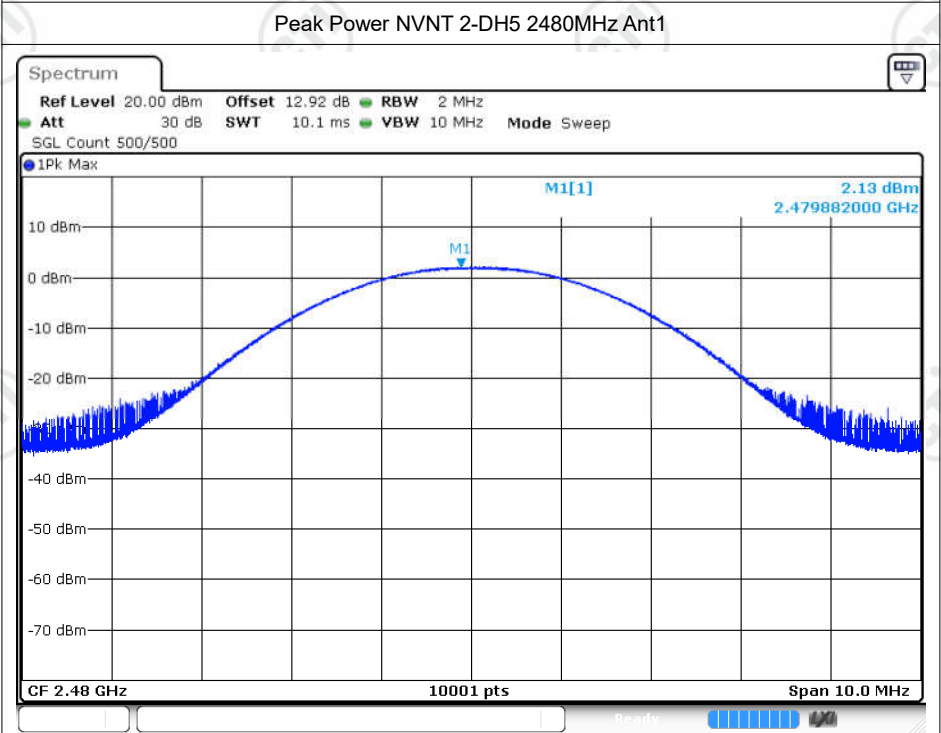
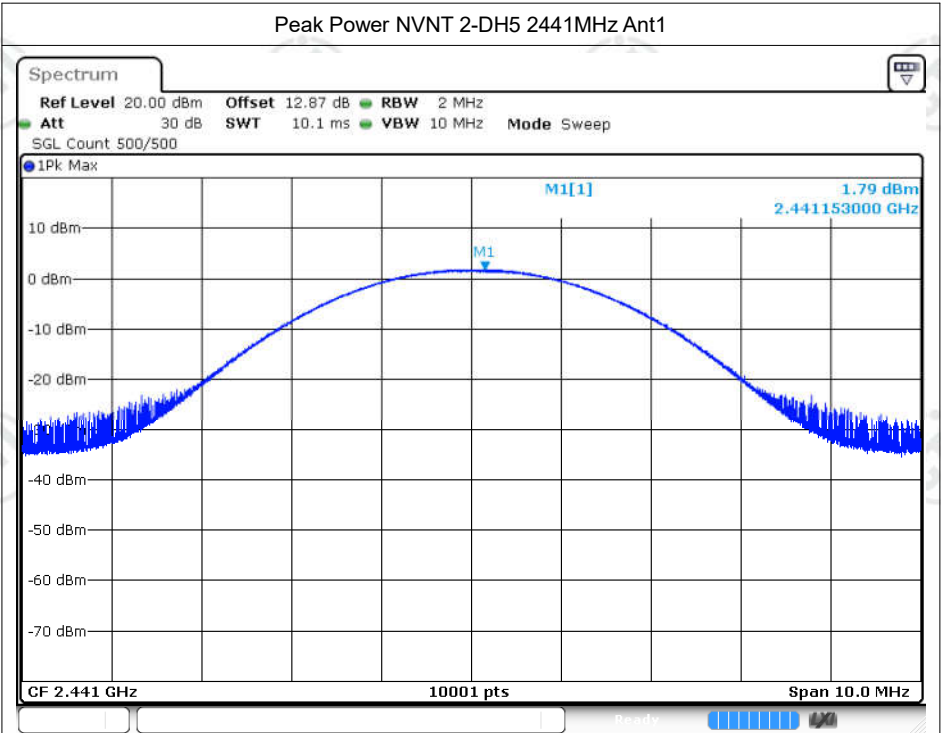


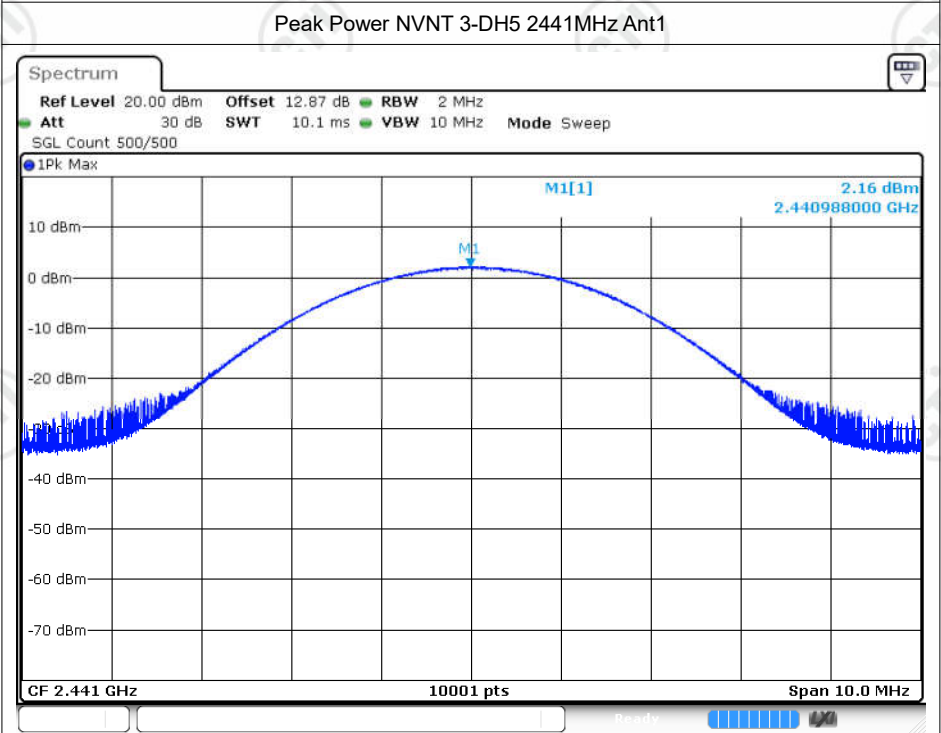
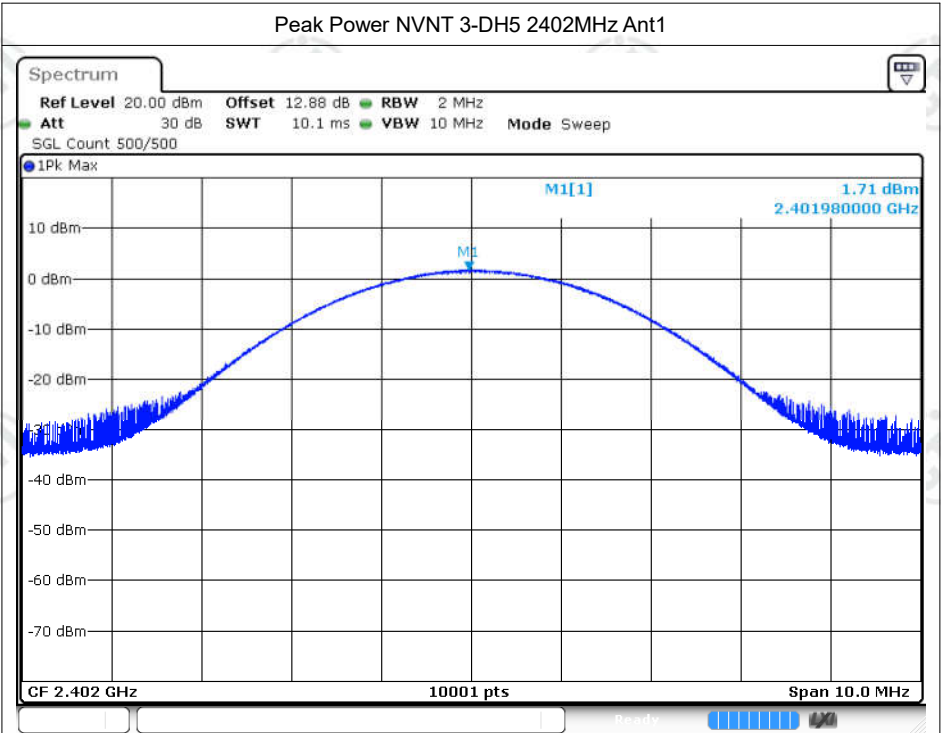
Date: 29.DEC.2024 14:58:26

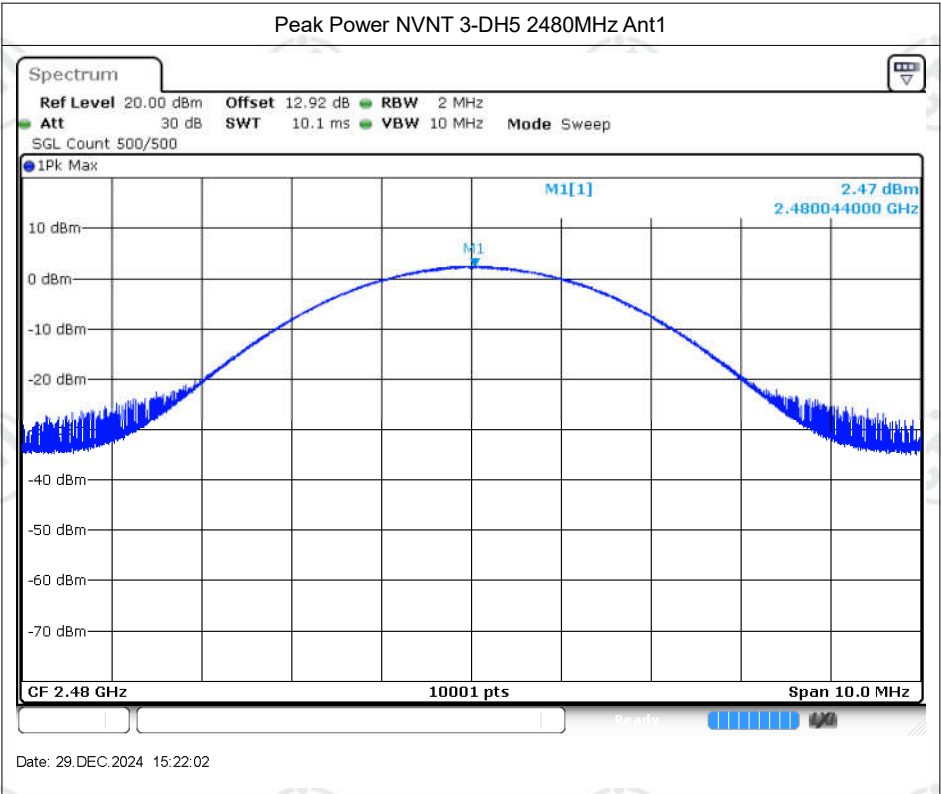


Date: 29.DEC.2024 14:59:56



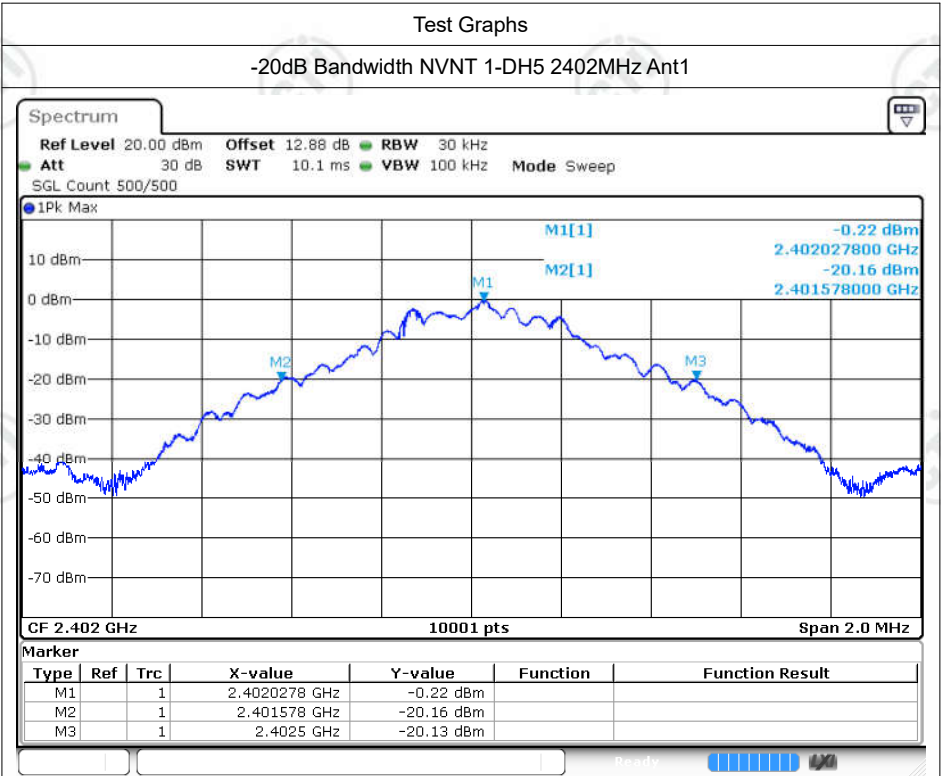




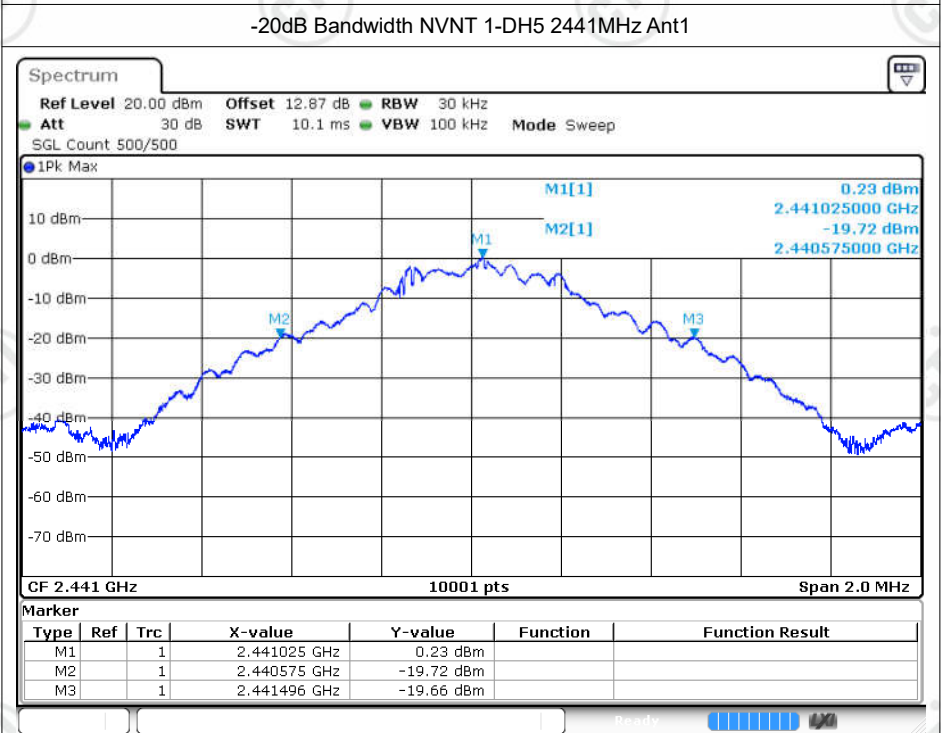


-20dB Bandwidth

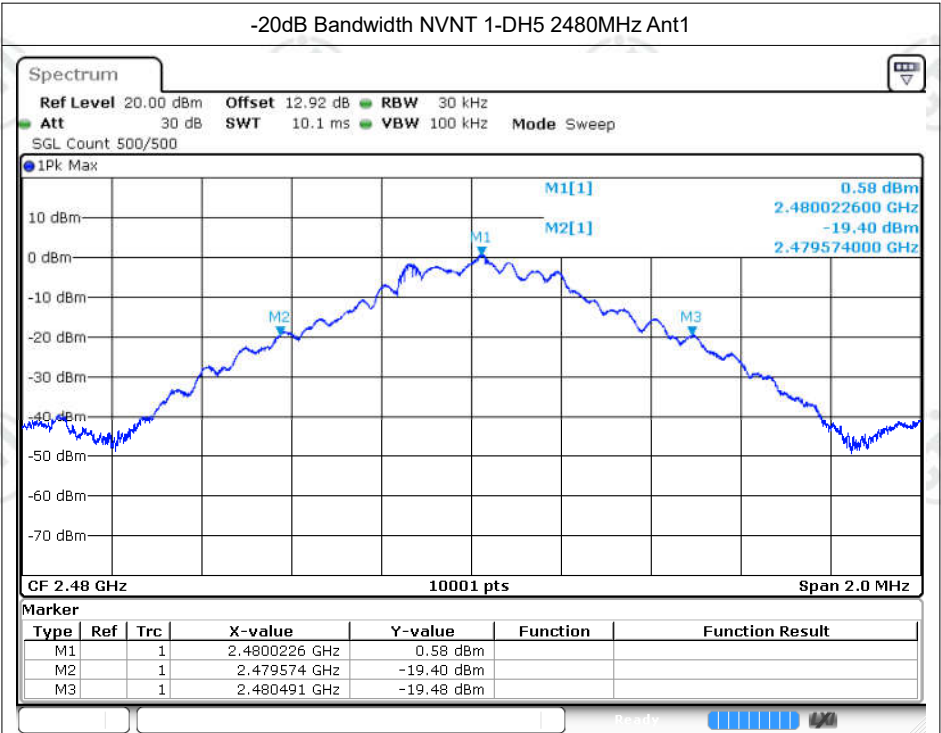
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.922	0	Pass
NVNT	1-DH5	2441	Ant1	0.921	0	Pass
NVNT	1-DH5	2480	Ant1	0.917	0	Pass
NVNT	2-DH5	2402	Ant1	1.278	0	Pass
NVNT	2-DH5	2441	Ant1	1.278	0	Pass
NVNT	2-DH5	2480	Ant1	1.278	0	Pass
NVNT	3-DH5	2402	Ant1	1.285	0	Pass
NVNT	3-DH5	2441	Ant1	1.289	0	Pass
NVNT	3-DH5	2480	Ant1	1.288	0	Pass



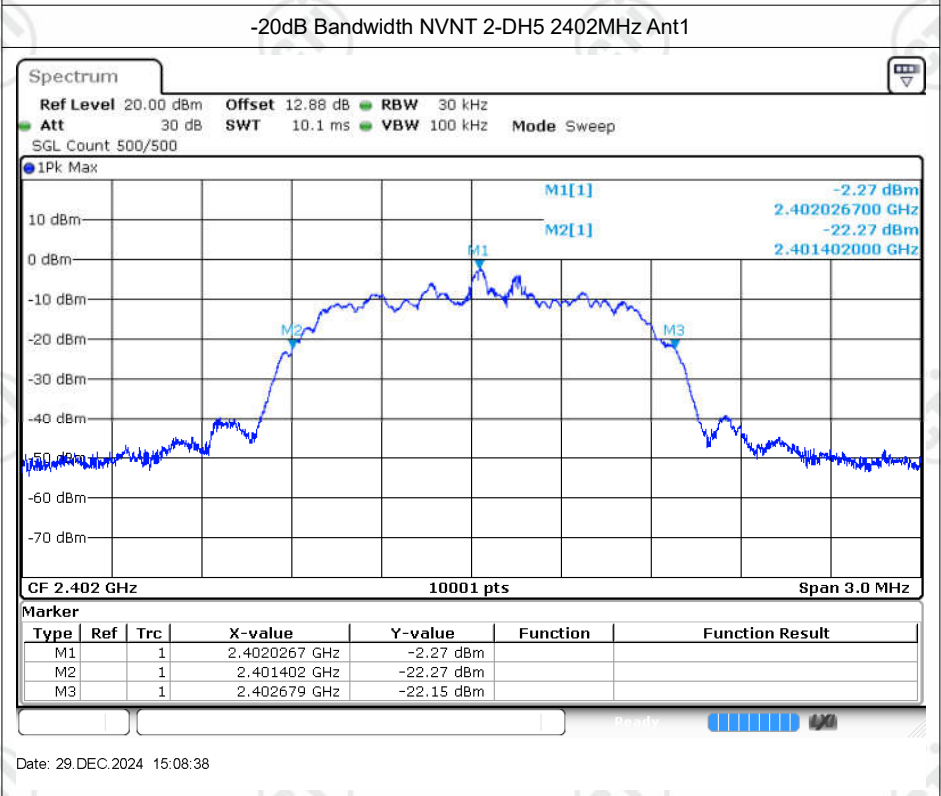
Date: 29.DEC.2024 14:58:53



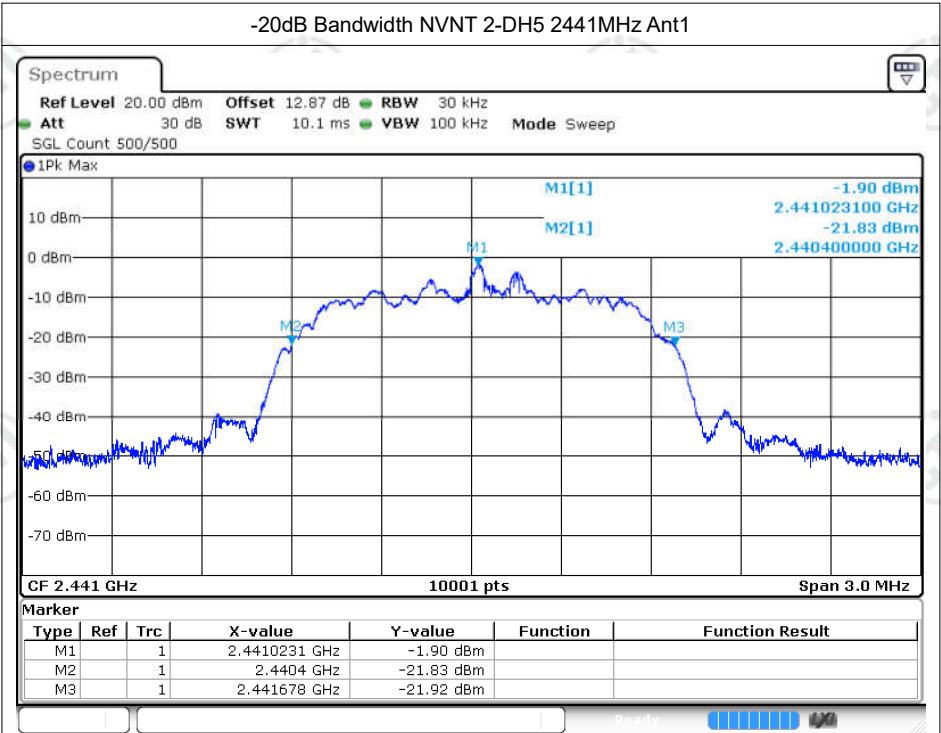
Date: 29.DEC.2024 15:00:23



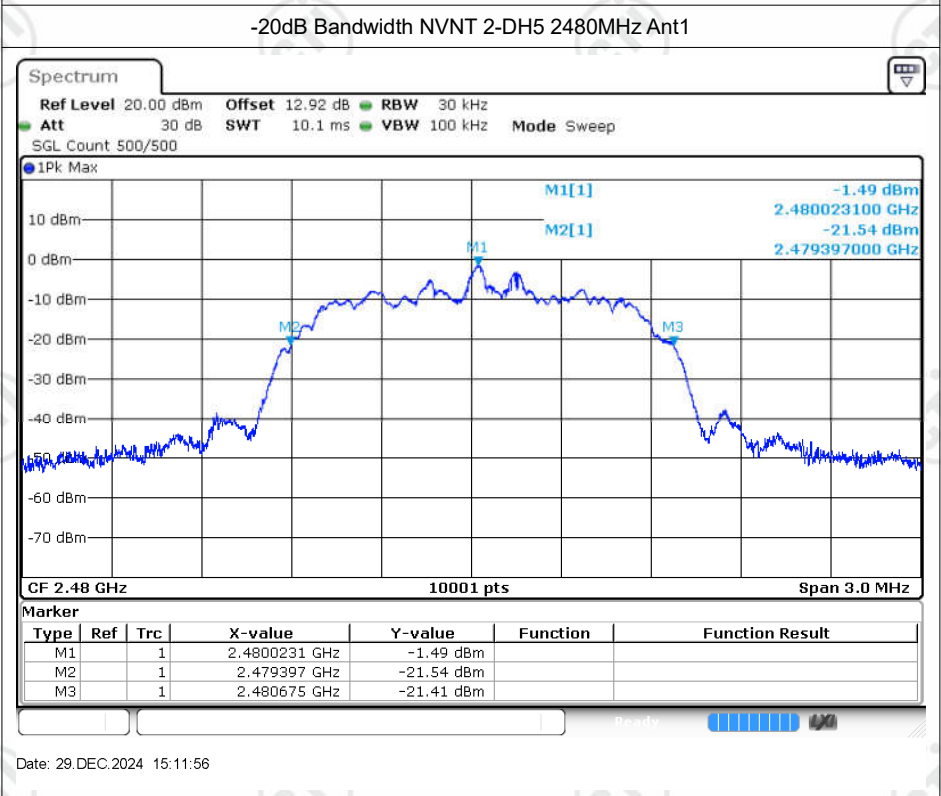
Date: 29.DEC.2024 15:01:38



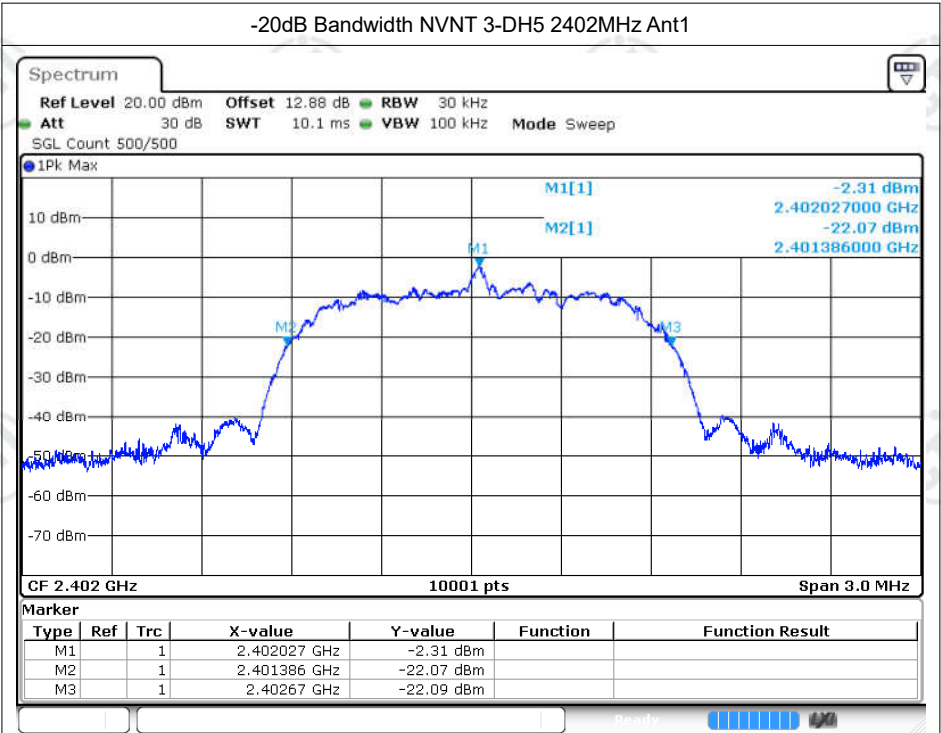
Date: 29.DEC.2024 15:08:38



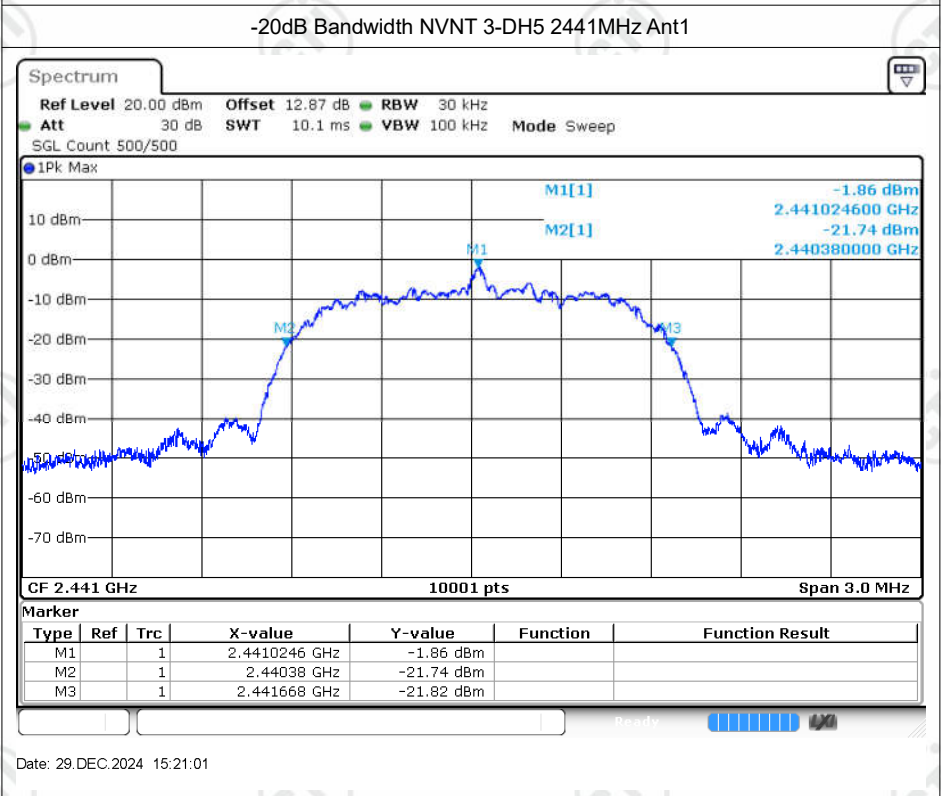
Date: 29.DEC.2024 15:10:14



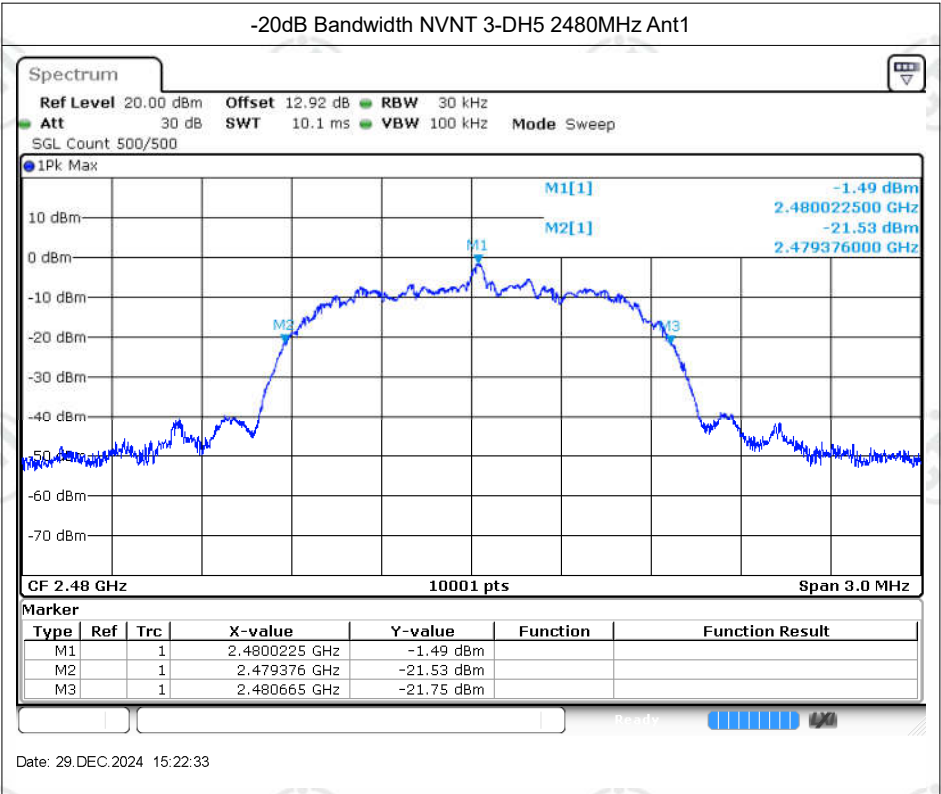
Date: 29.DEC.2024 15:11:56



Date: 29.DEC.2024 15:19:19

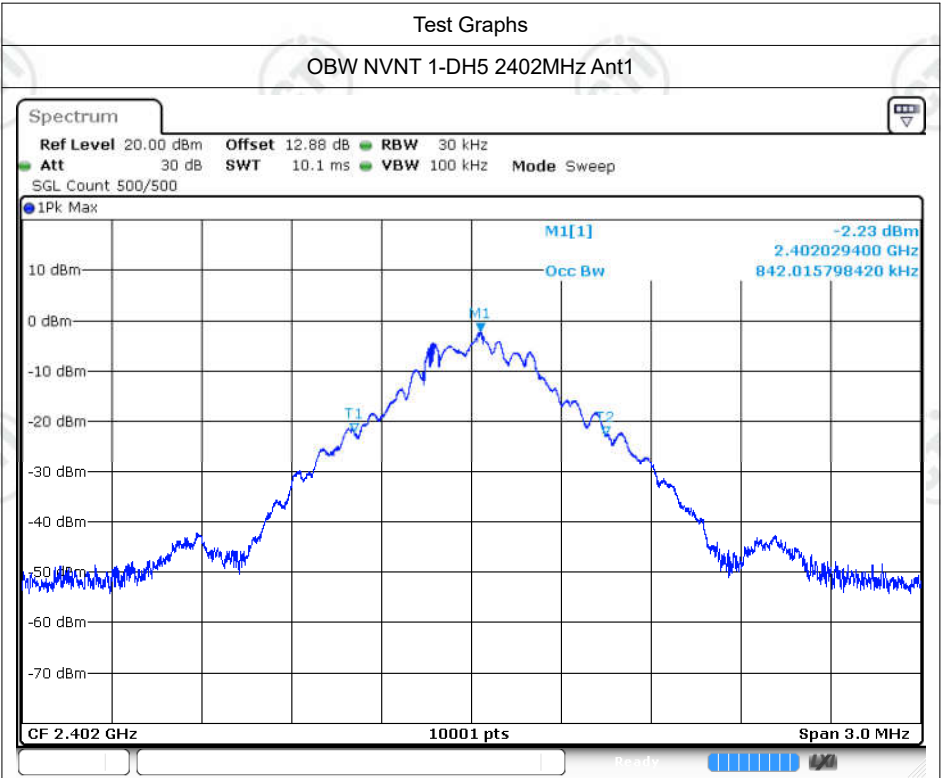


Date: 29.DEC.2024 15:21:01

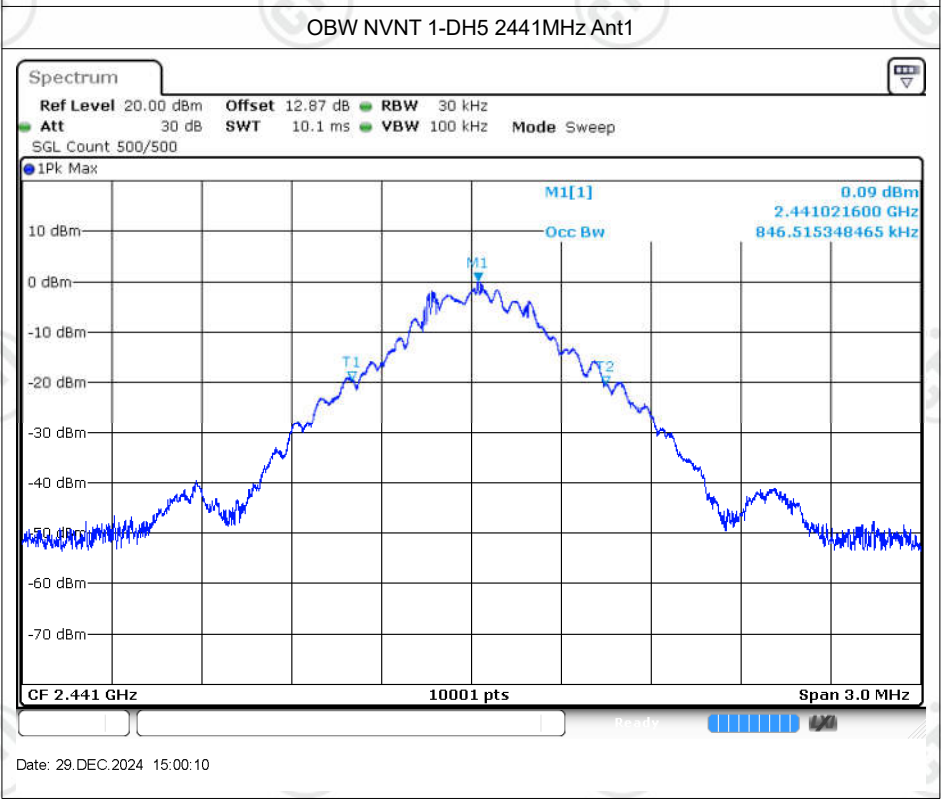


Occupied Channel Bandwidth

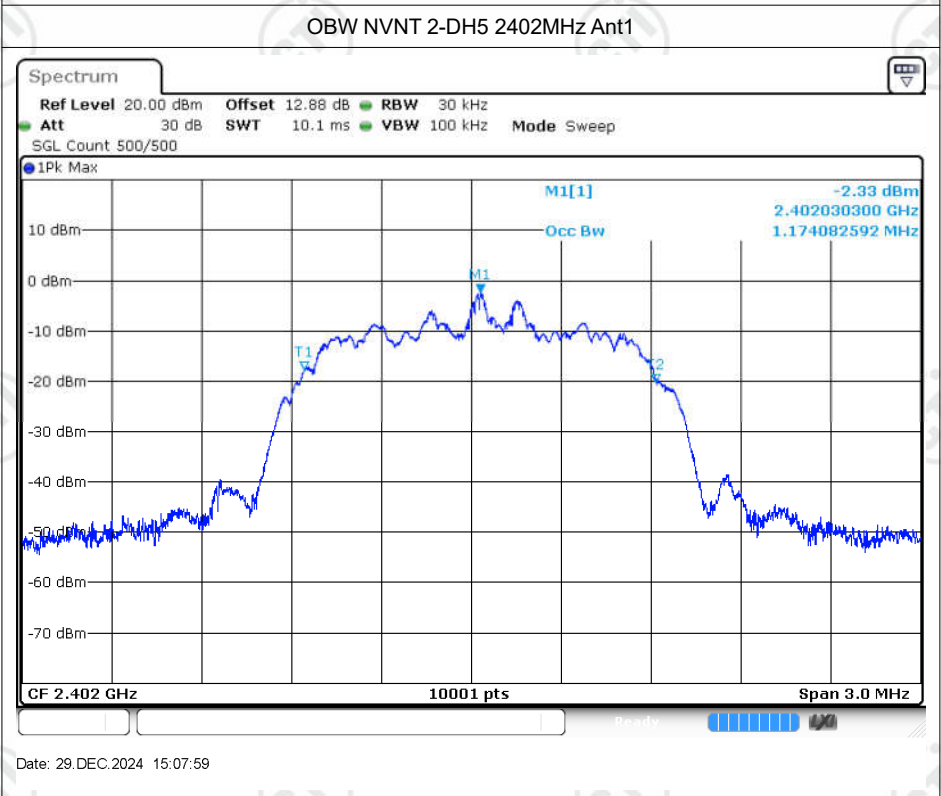
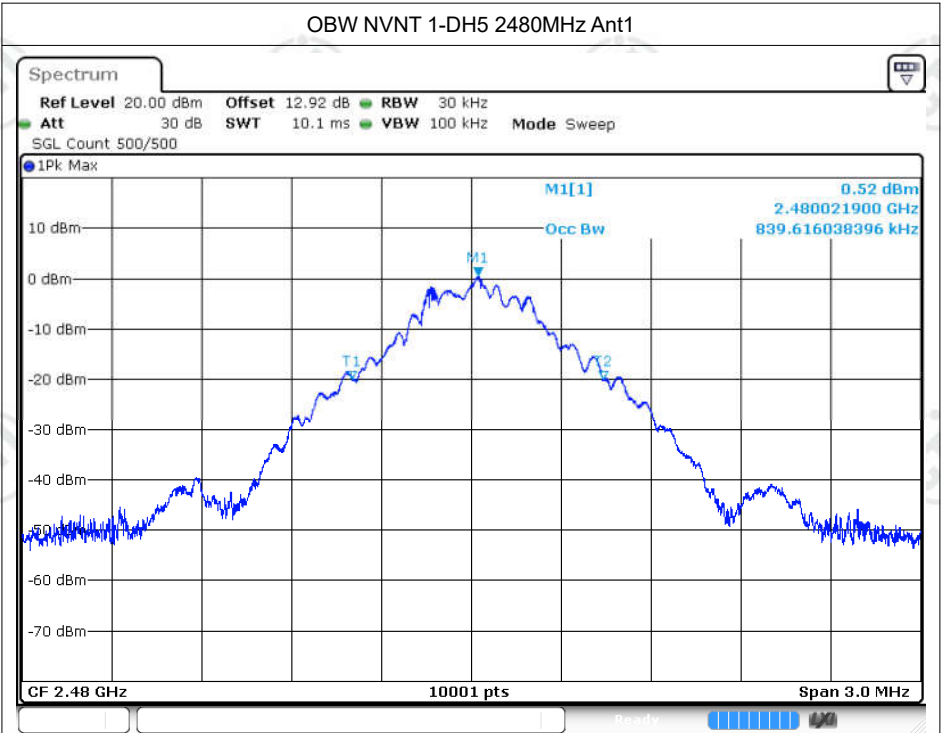
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.842
NVNT	1-DH5	2441	Ant1	0.847
NVNT	1-DH5	2480	Ant1	0.84
NVNT	2-DH5	2402	Ant1	1.174
NVNT	2-DH5	2441	Ant1	1.177
NVNT	2-DH5	2480	Ant1	1.174
NVNT	3-DH5	2402	Ant1	1.193
NVNT	3-DH5	2441	Ant1	1.193
NVNT	3-DH5	2480	Ant1	1.194

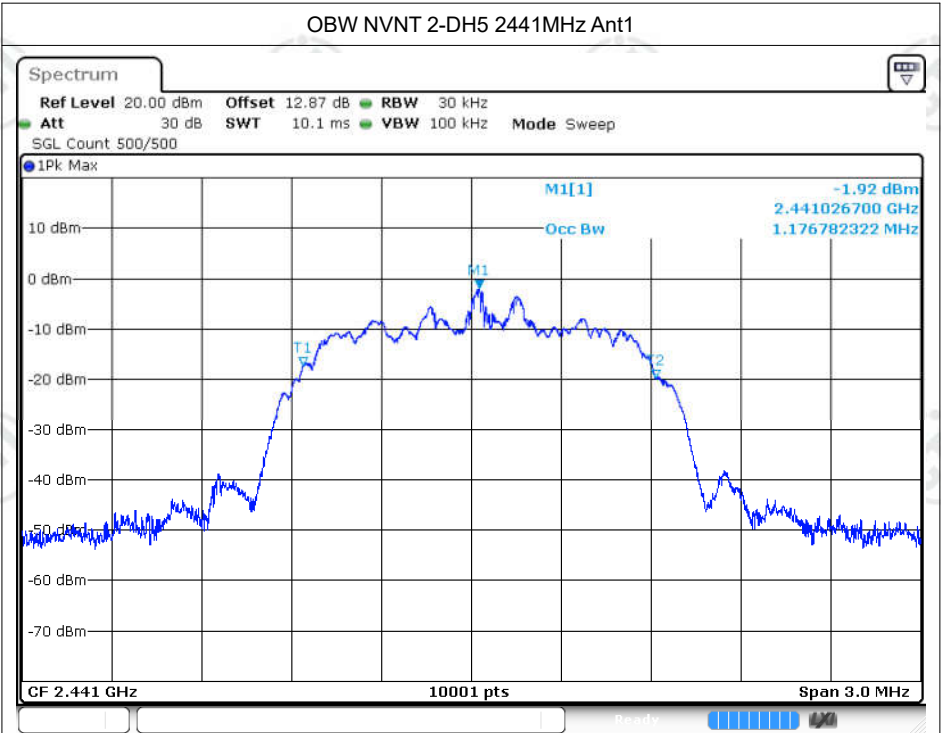


Date: 29.DEC.2024 14:56:51

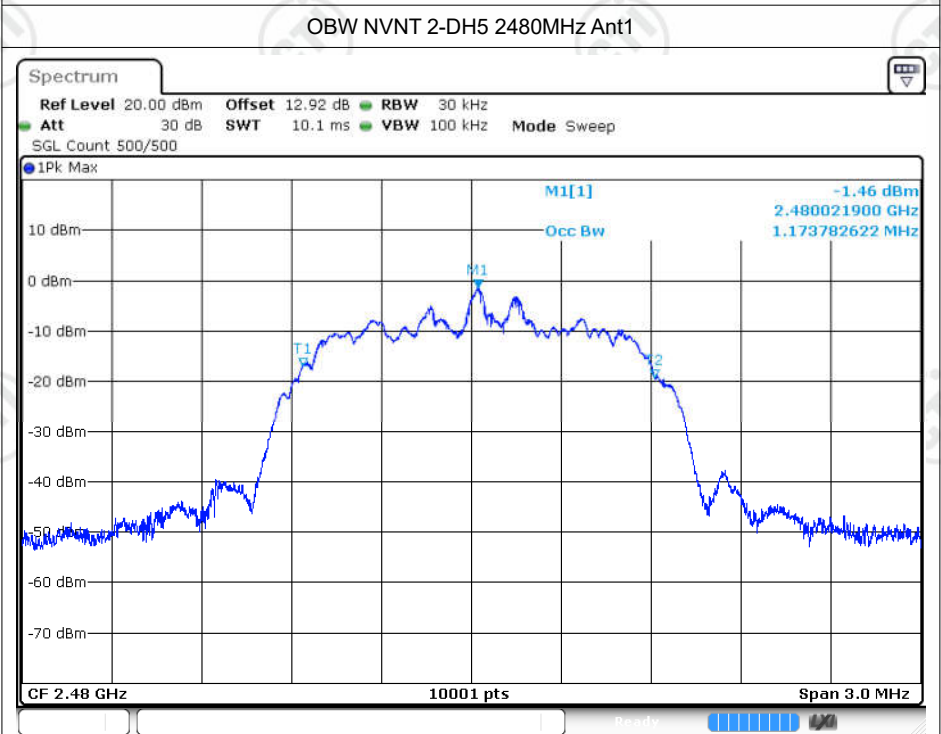


Date: 29.DEC.2024 15:00:10

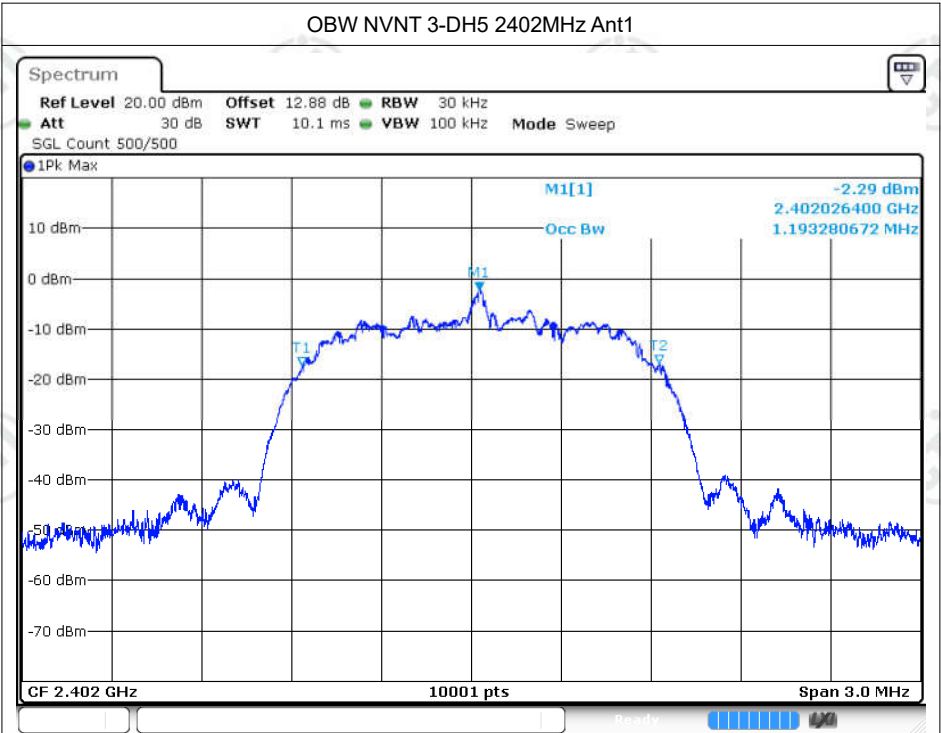




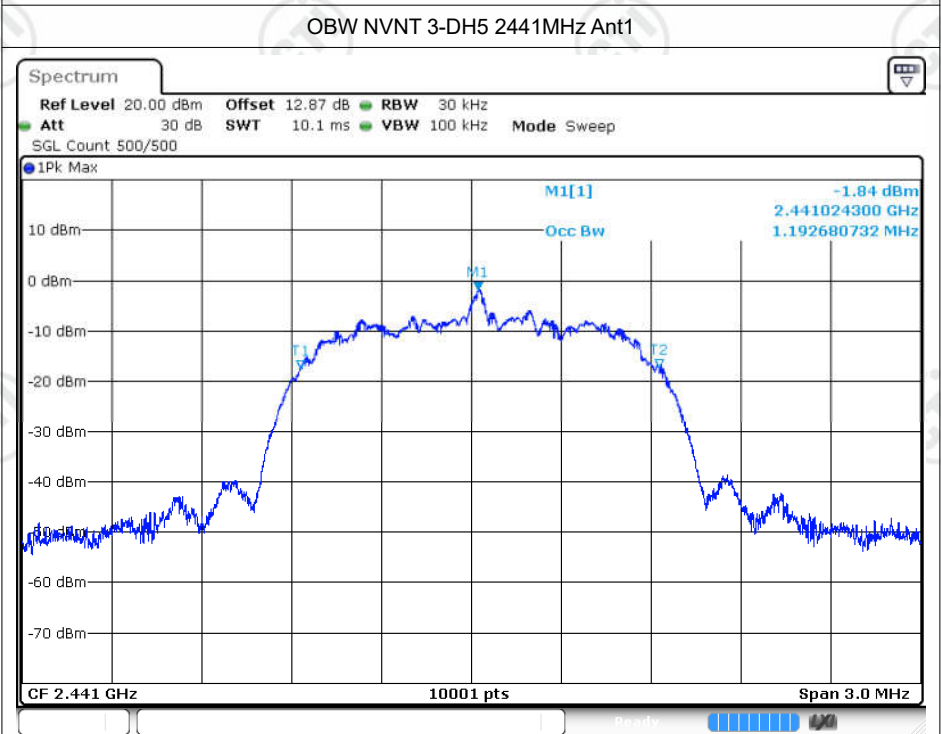
Date: 29.DEC.2024 15:09:58



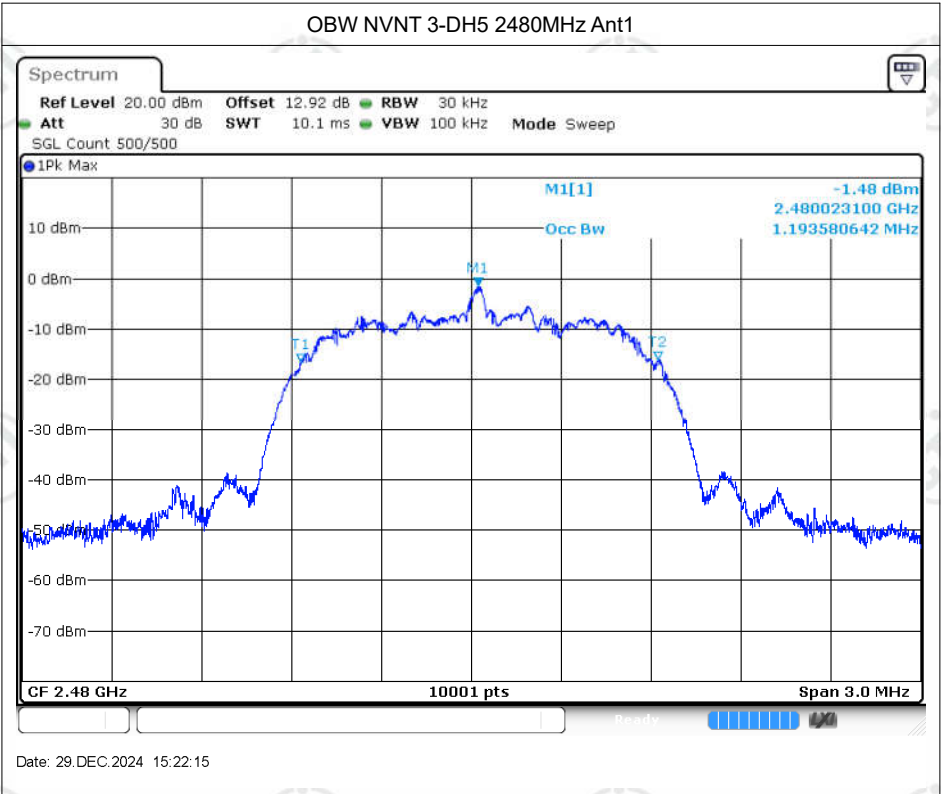
Date: 29.DEC.2024 15:11:40



Date: 29.DEC.2024 15:19:03

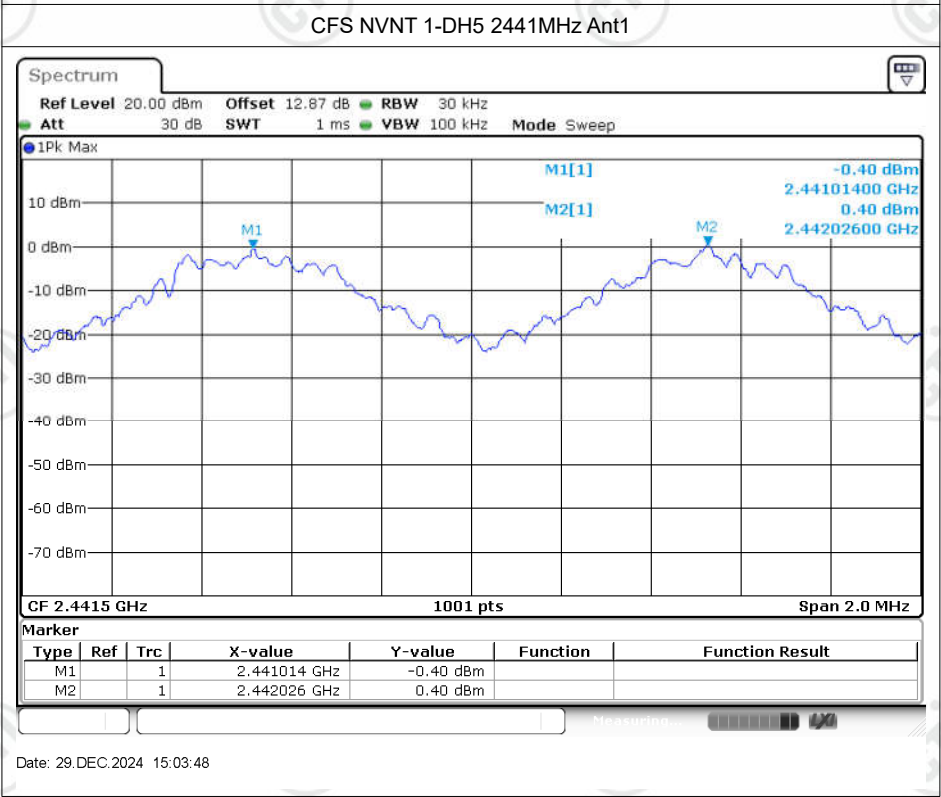
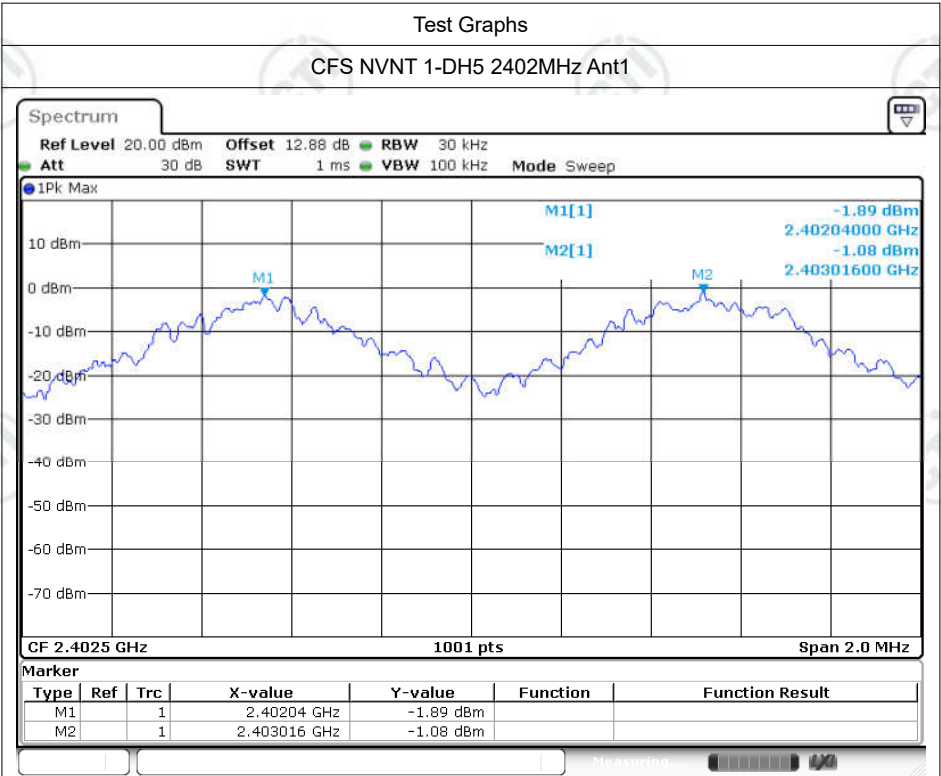


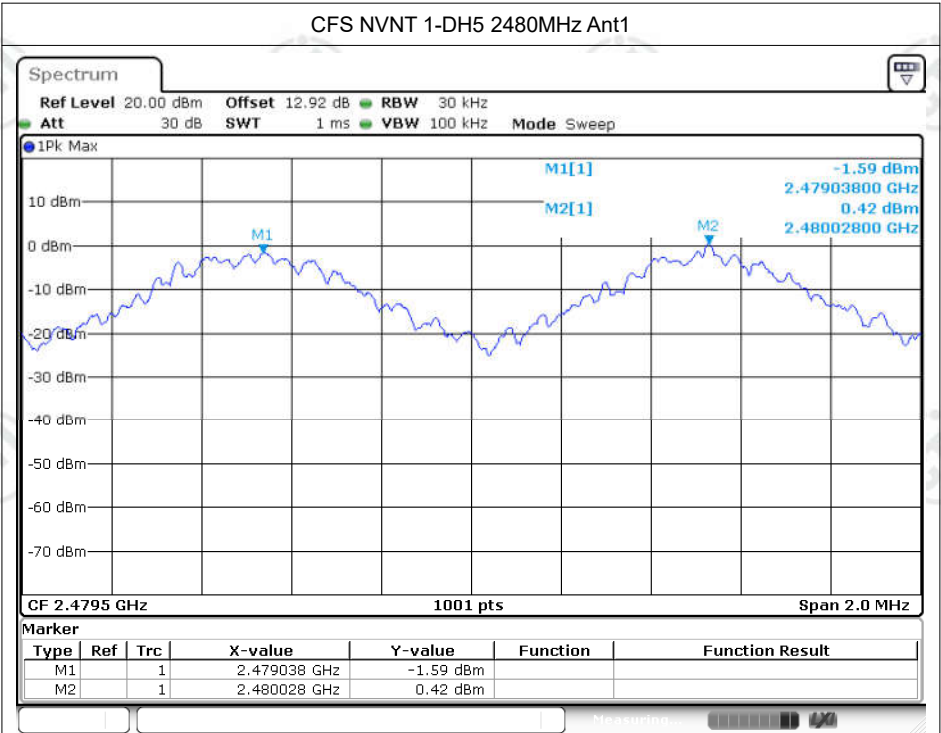
Date: 29.DEC.2024 15:20:42



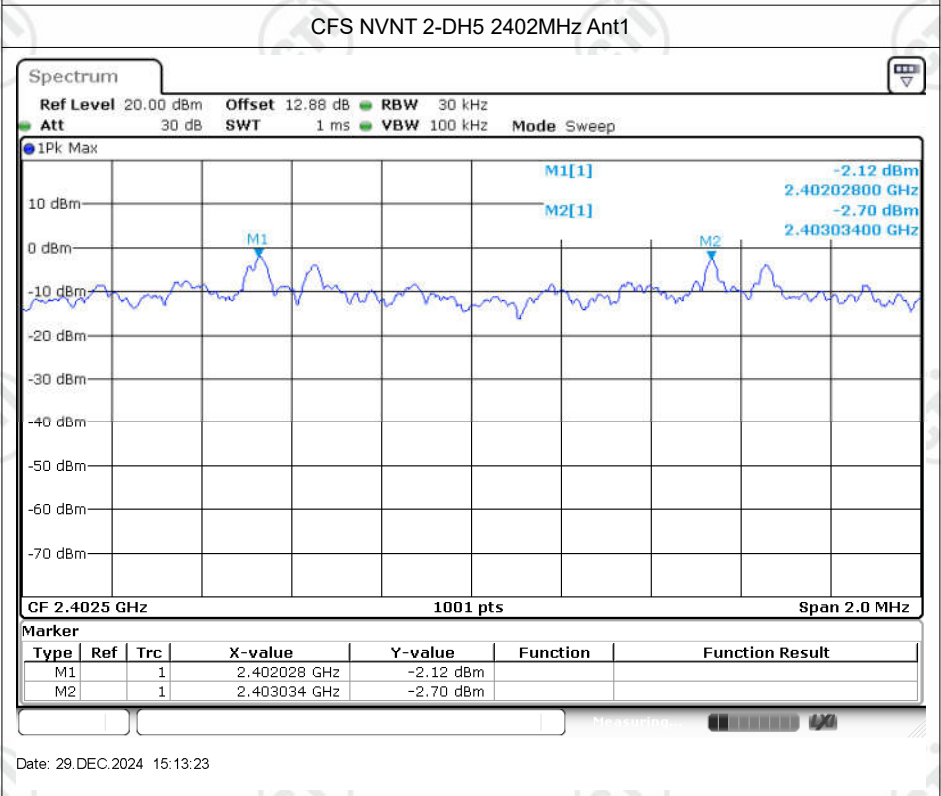
Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.04	2403.016	0.976	0.615	Pass
NVNT	1-DH5	Ant1	2441.014	2442.026	1.012	0.614	Pass
NVNT	1-DH5	Ant1	2479.038	2480.028	0.99	0.611	Pass
NVNT	2-DH5	Ant1	2402.028	2403.034	1.006	0.852	Pass
NVNT	2-DH5	Ant1	2441.018	2442.144	1.126	0.852	Pass
NVNT	2-DH5	Ant1	2479.02	2480.024	1.004	0.852	Pass
NVNT	3-DH5	Ant1	2402.032	2403.026	0.994	0.857	Pass
NVNT	3-DH5	Ant1	2441.028	2442.022	0.994	0.859	Pass
NVNT	3-DH5	Ant1	2479.03	2480.01	0.98	0.859	Pass

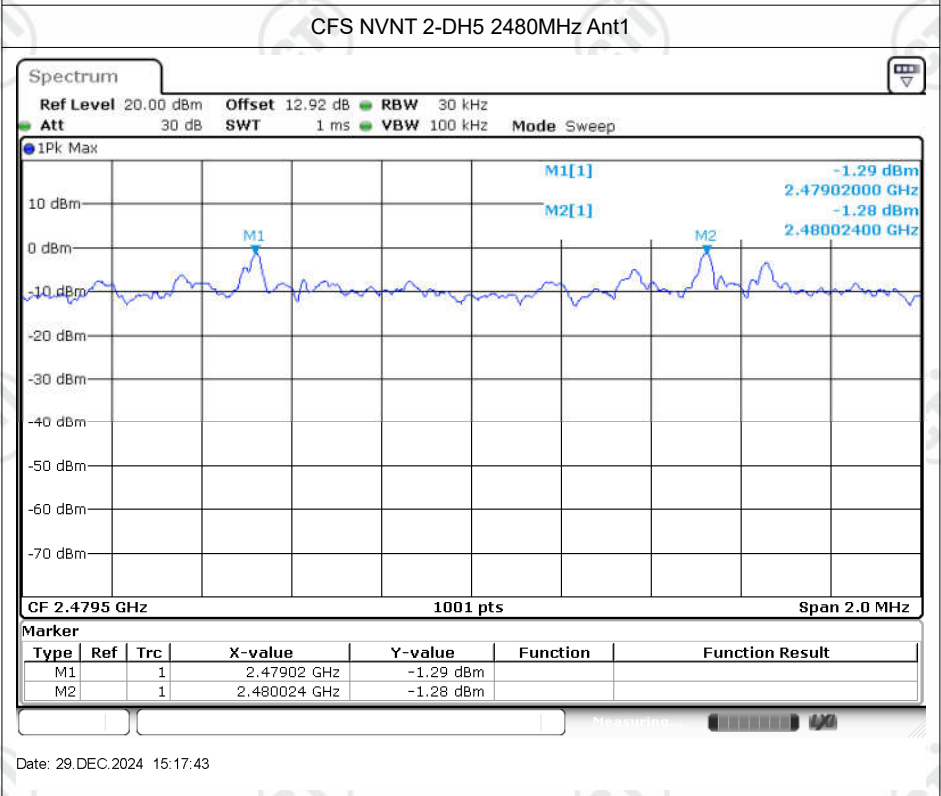
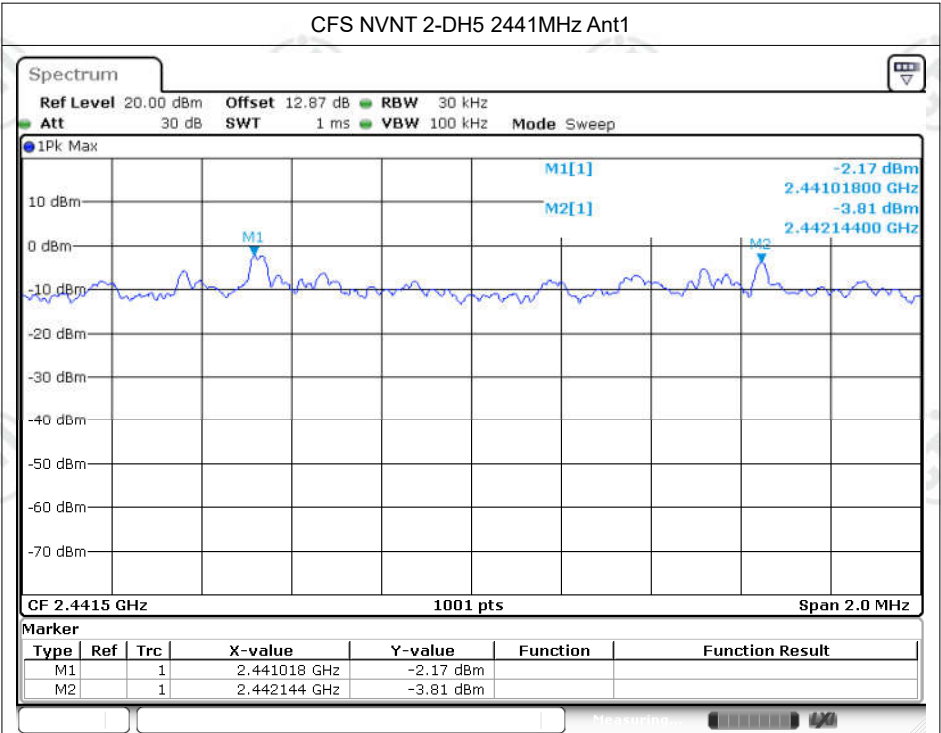


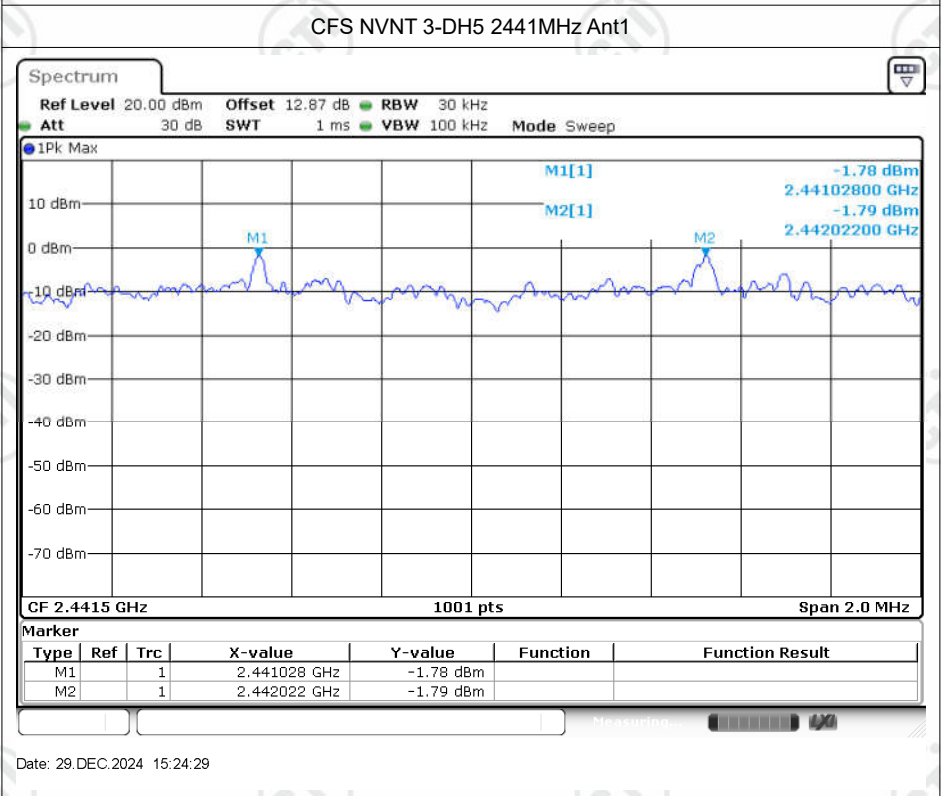
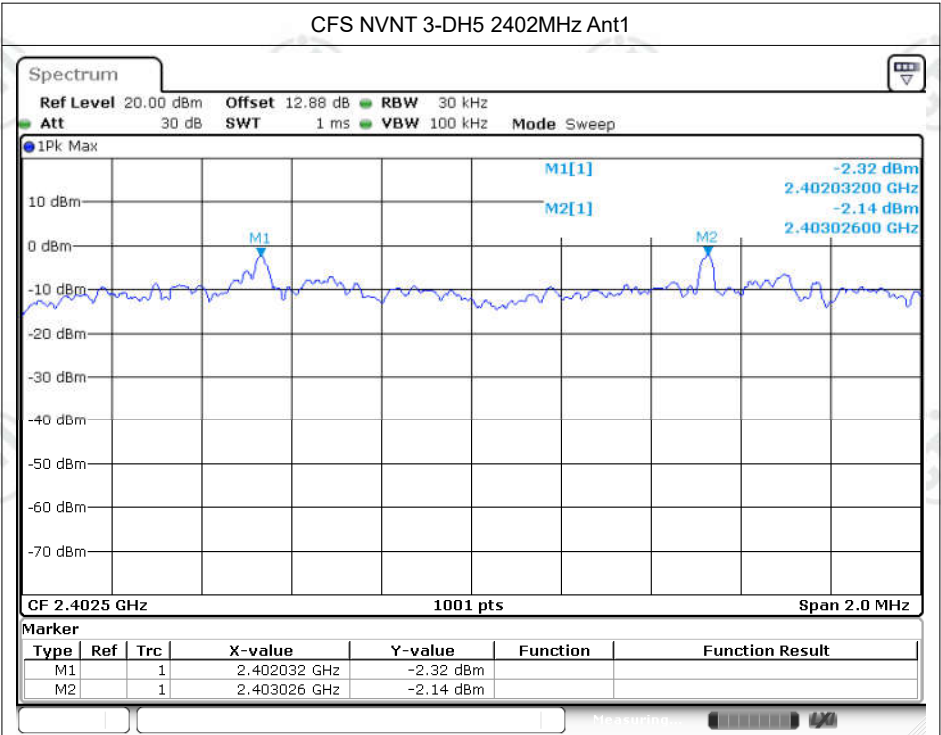


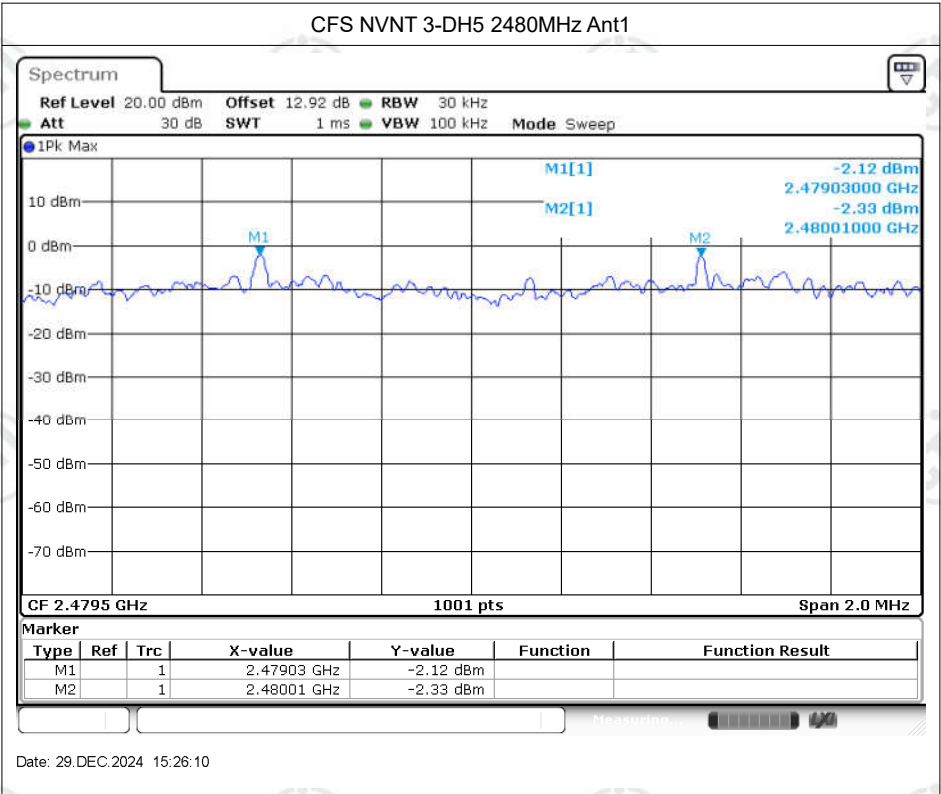
Date: 29.DEC.2024 15:05:05



Date: 29.DEC.2024 15:13:23

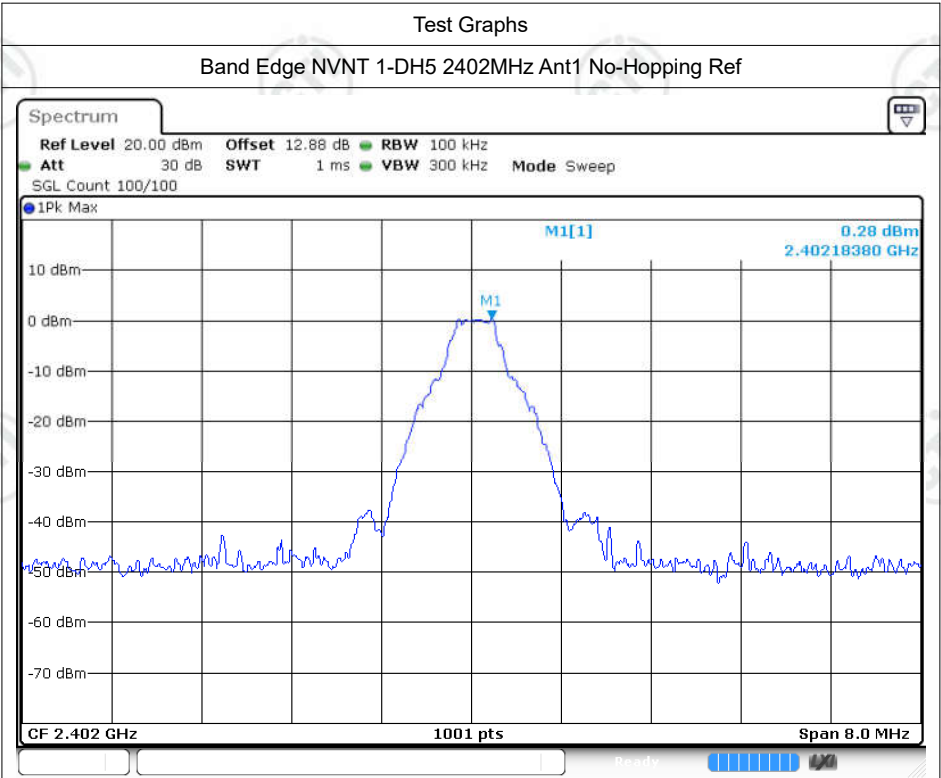




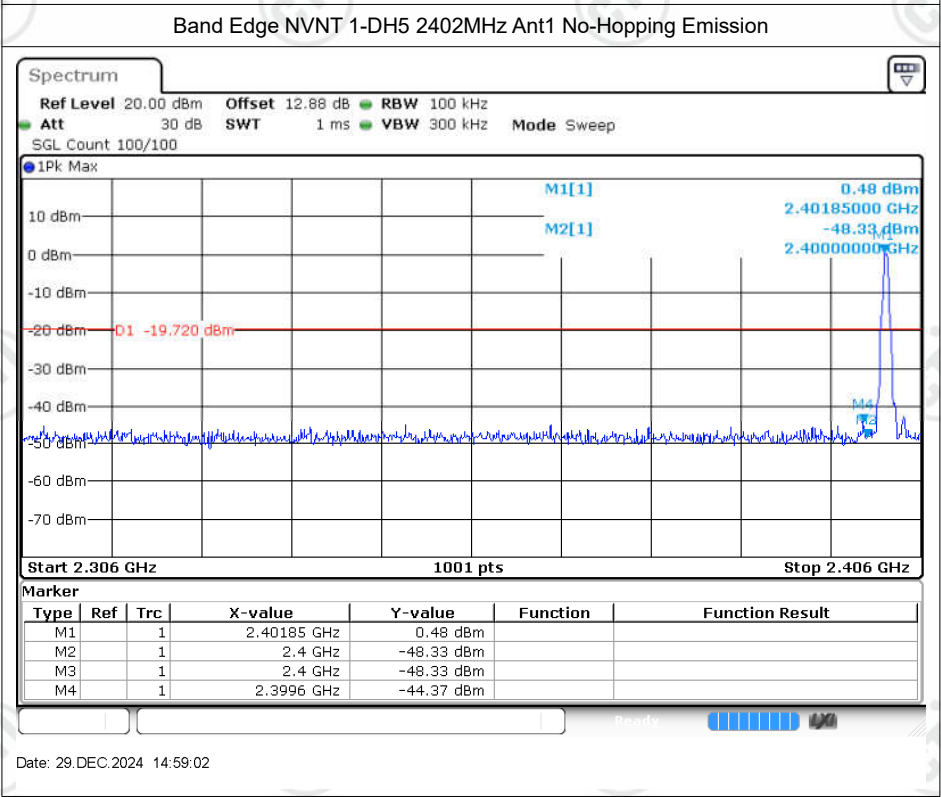


Band Edge

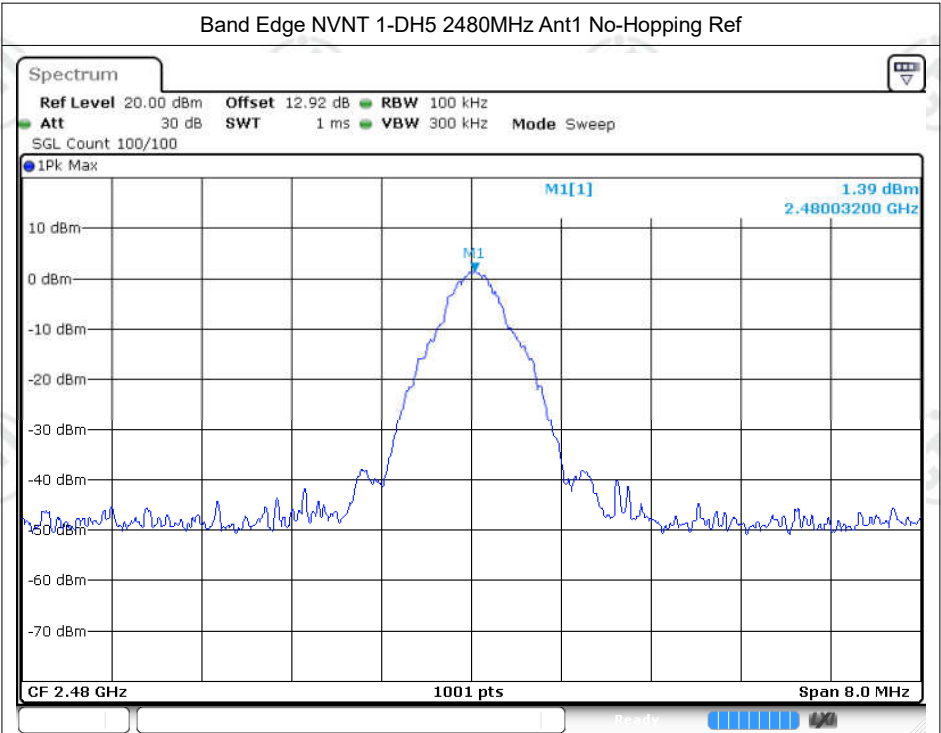
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-44.65	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-46.93	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-43.68	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-44.98	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-43.44	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-44.83	-20	Pass



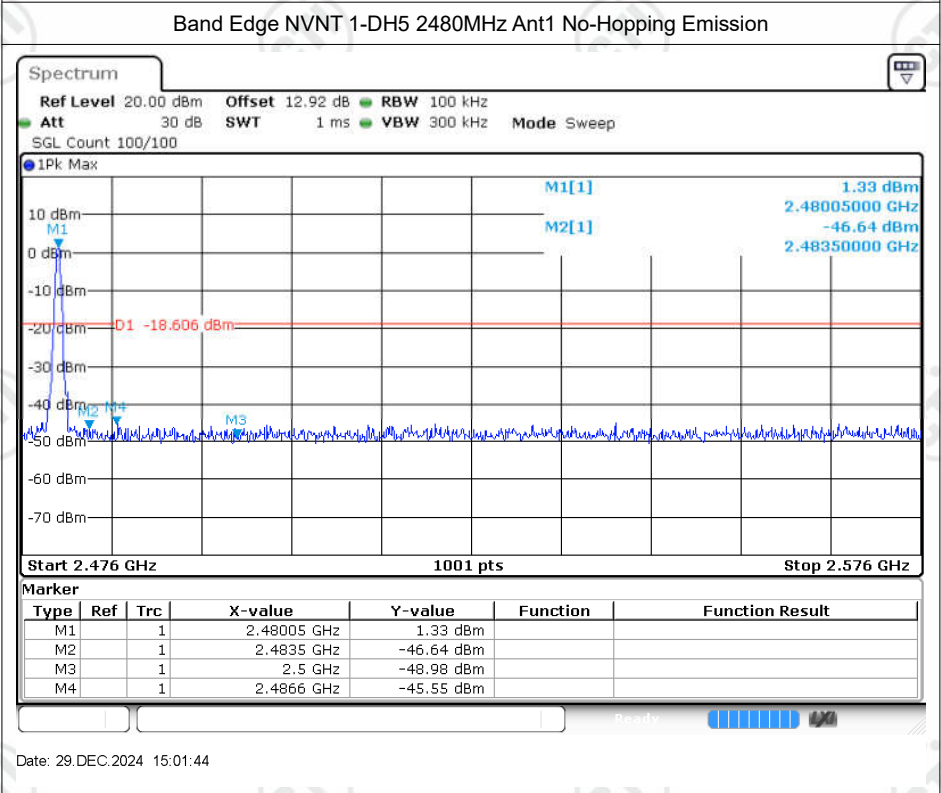
Date: 29.DEC.2024 14:59:01



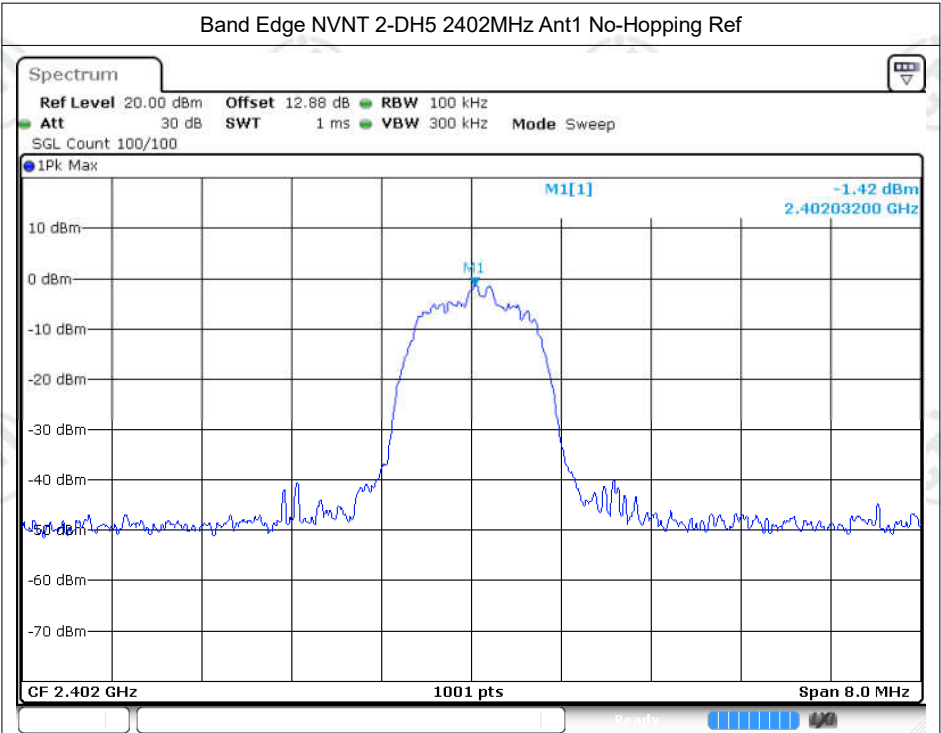
Date: 29.DEC.2024 14:59:02



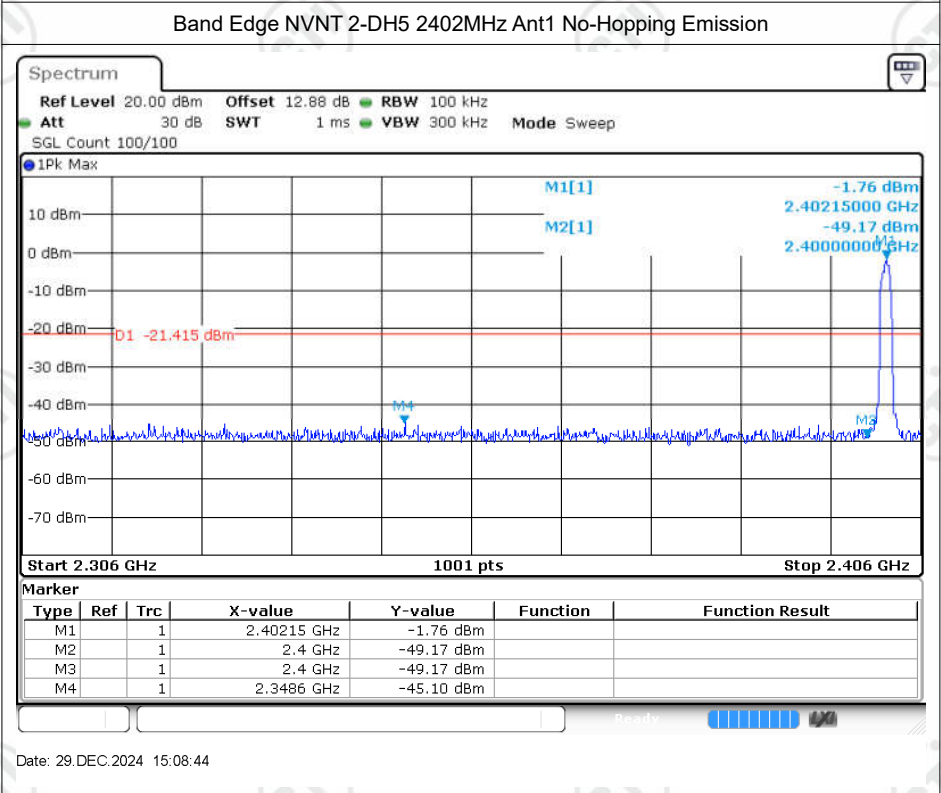
Date: 29.DEC.2024 15:01:43



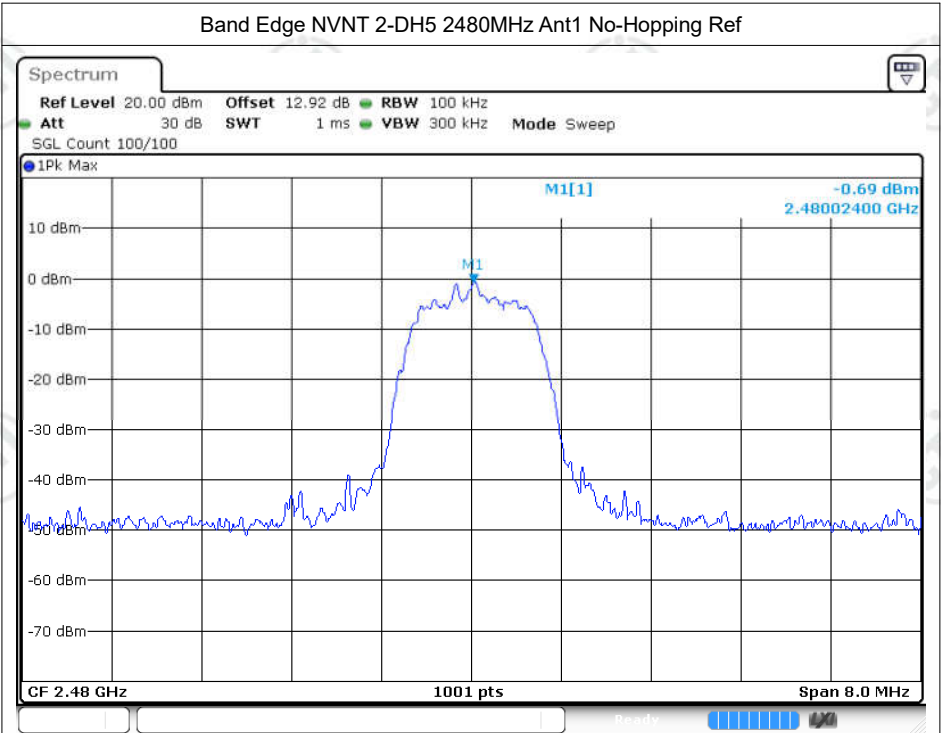
Date: 29.DEC.2024 15:01:44



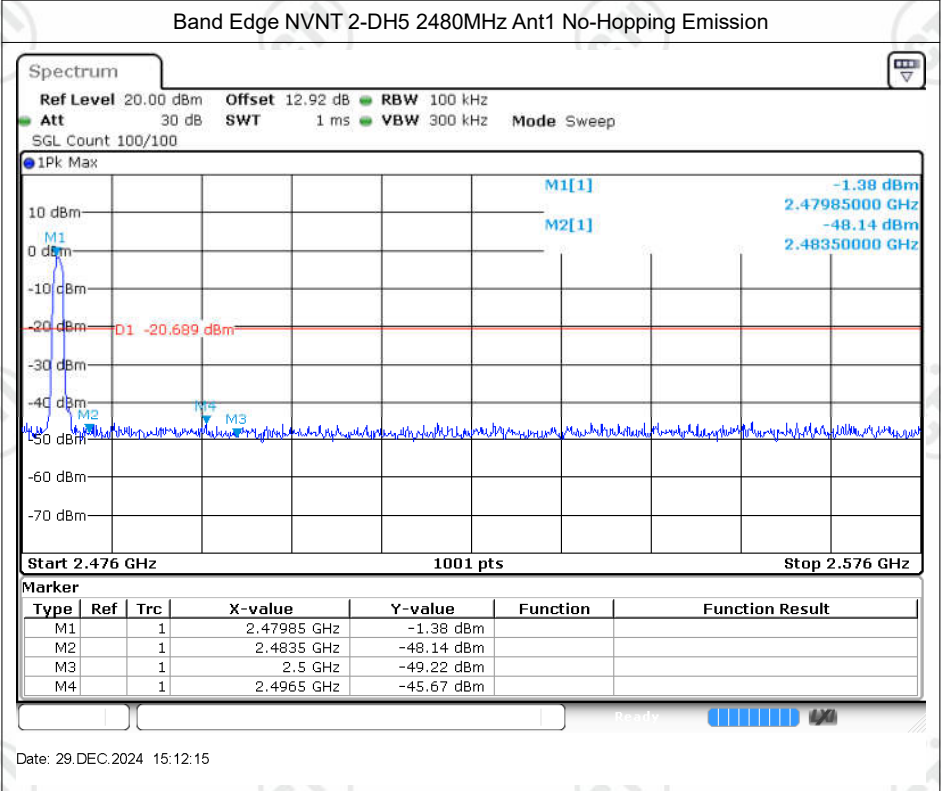
Date: 29.DEC.2024 15:08:43



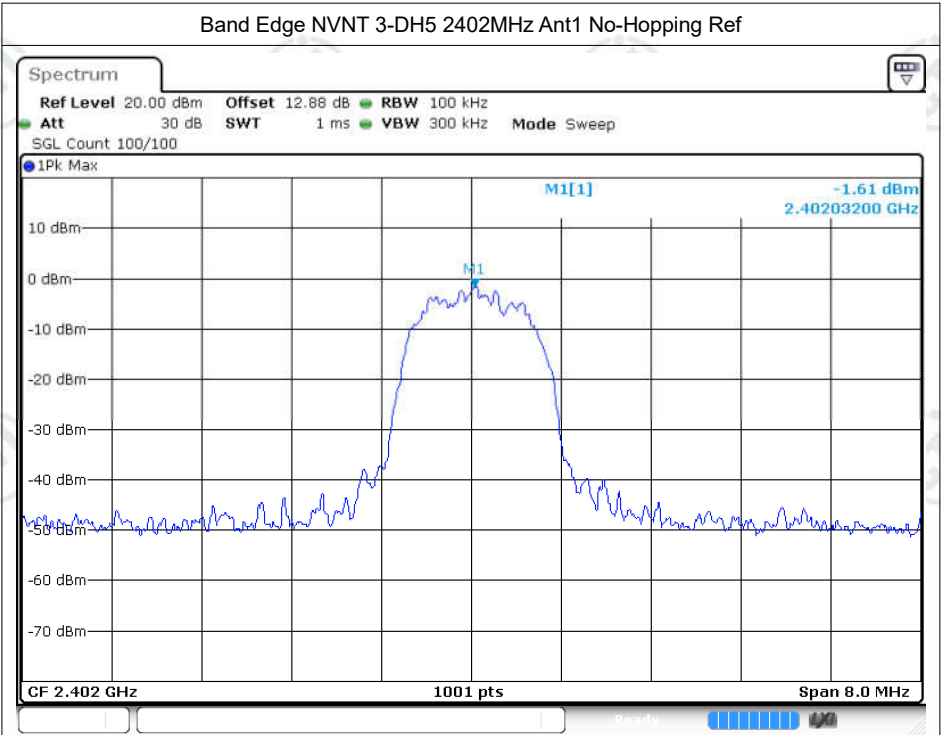
Date: 29.DEC.2024 15:08:44



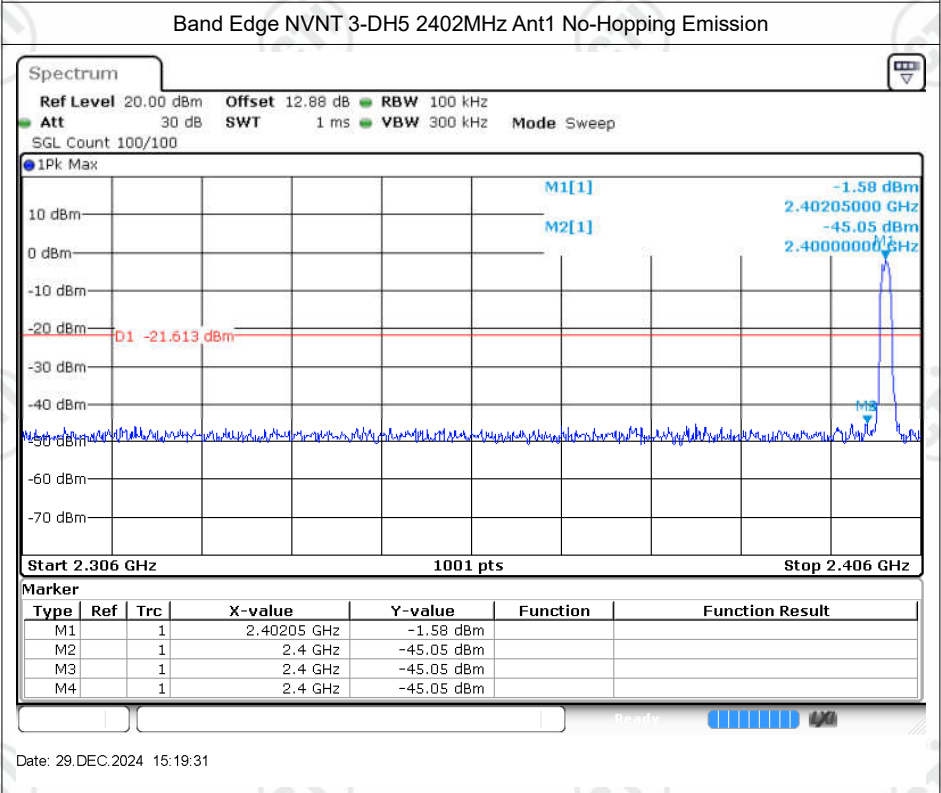
Date: 29.DEC.2024 15:12:13



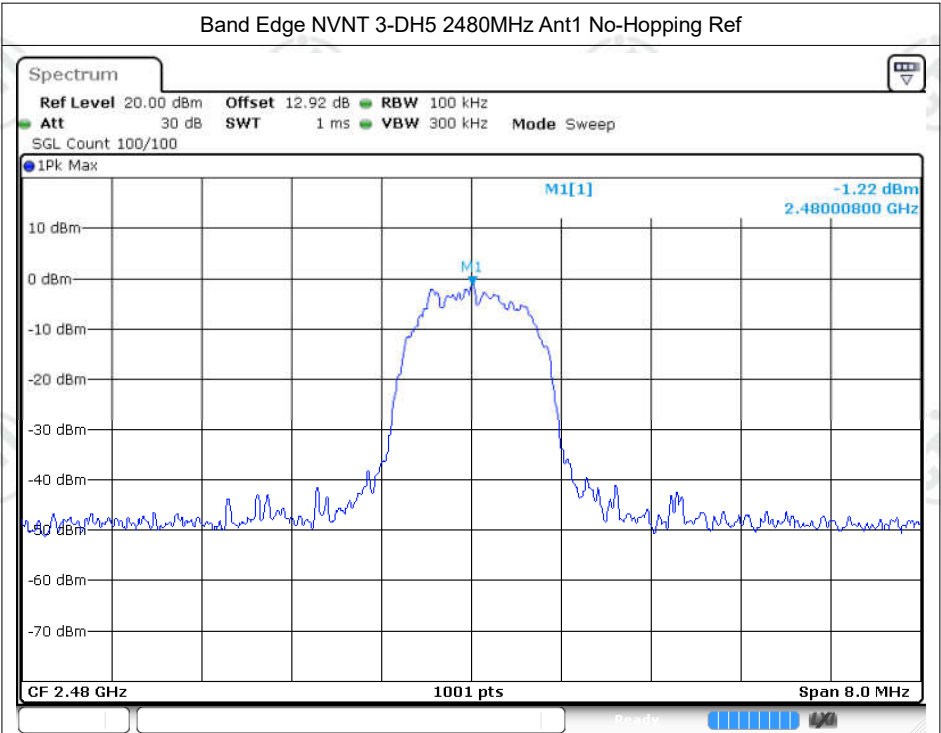
Date: 29.DEC.2024 15:12:15



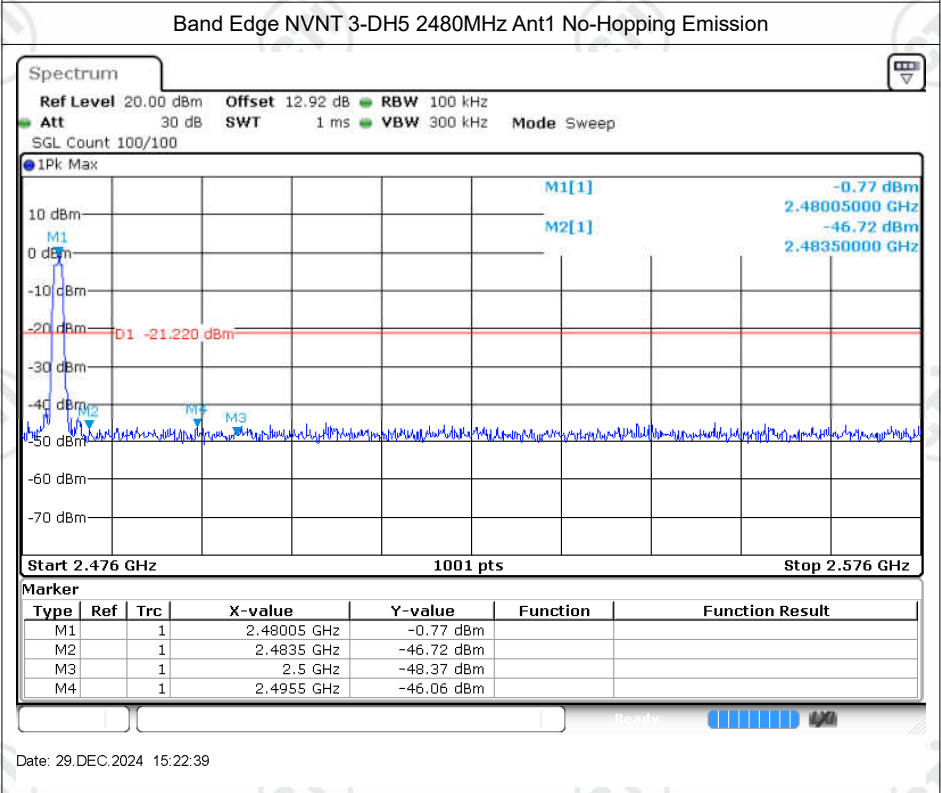
Date: 29.DEC.2024 15:19:30



Date: 29.DEC.2024 15:19:31



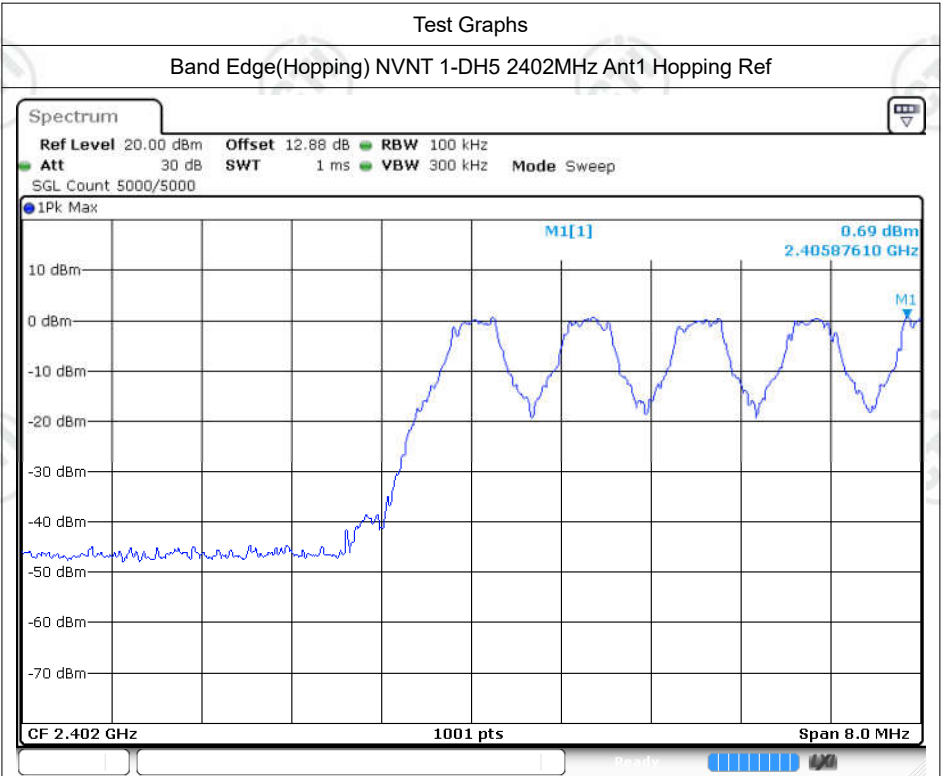
Date: 29.DEC.2024 15:22:38



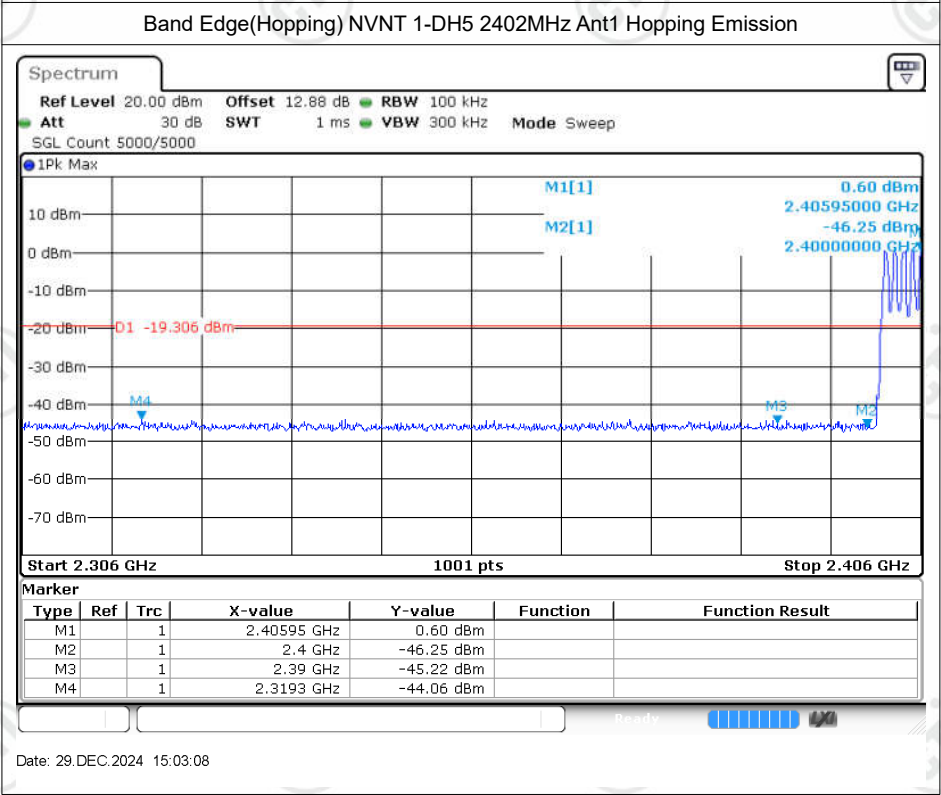
Date: 29.DEC.2024 15:22:39

Band Edge(Hopping)

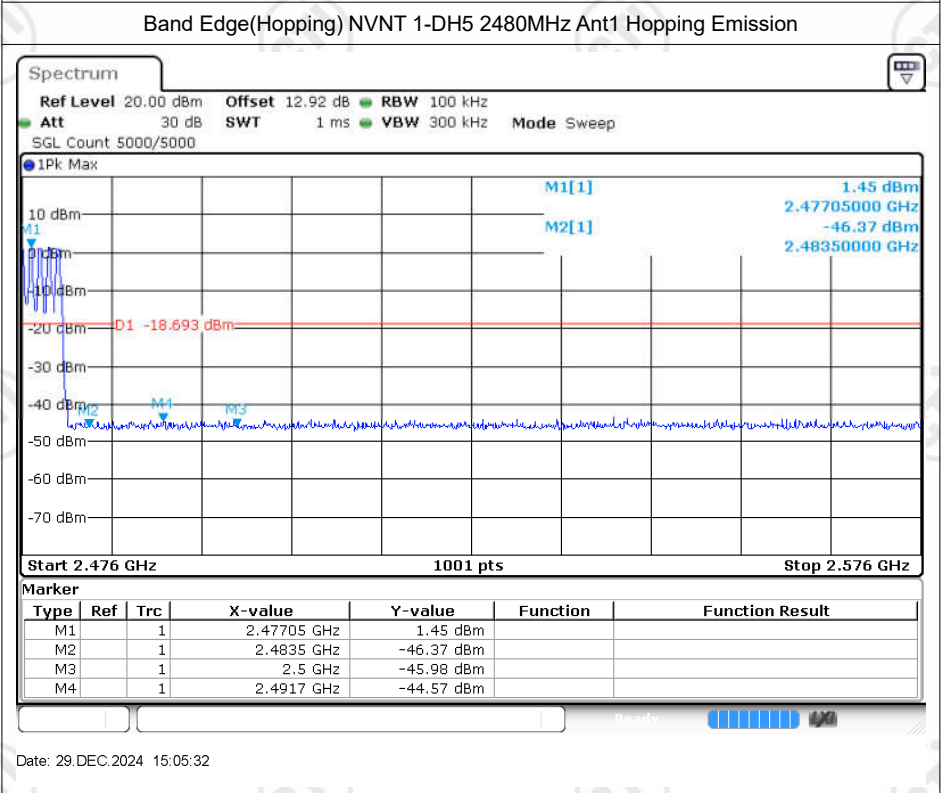
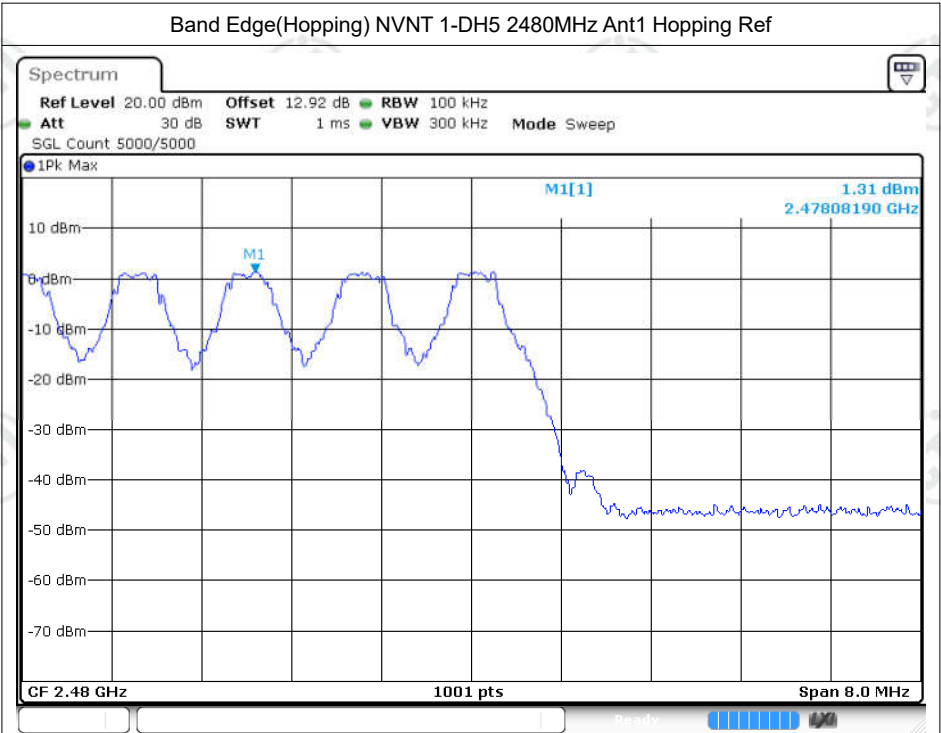
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-44.75	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-45.88	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-43.06	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-43.3	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-43.01	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-42.76	-20	Pass

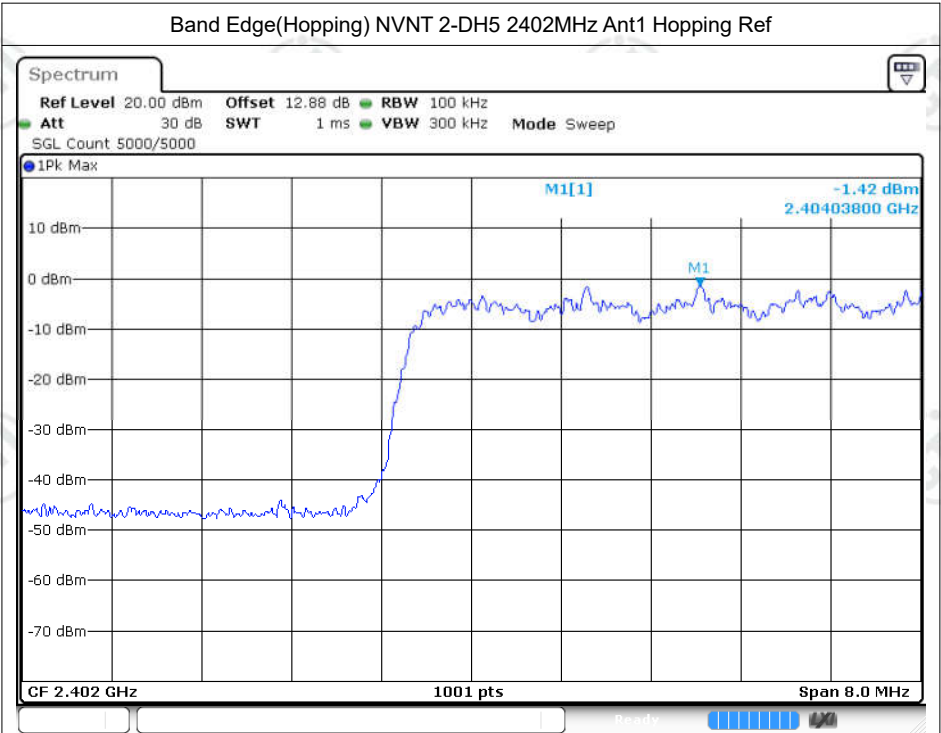


Date: 29.DEC.2024 15:02:45

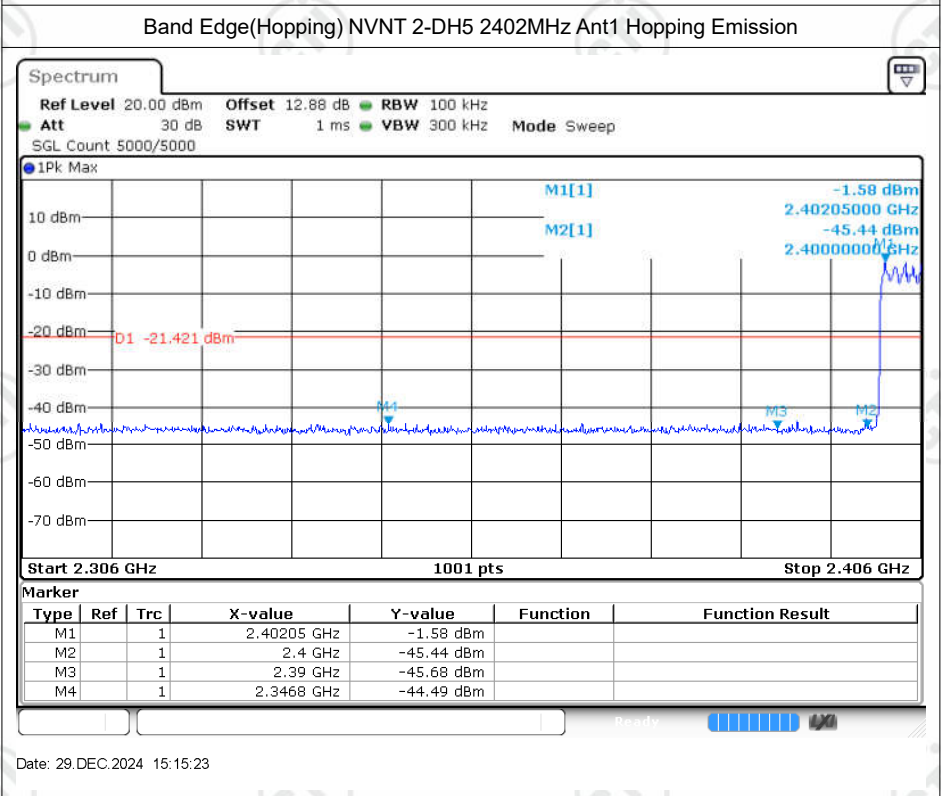


Date: 29.DEC.2024 15:03:08

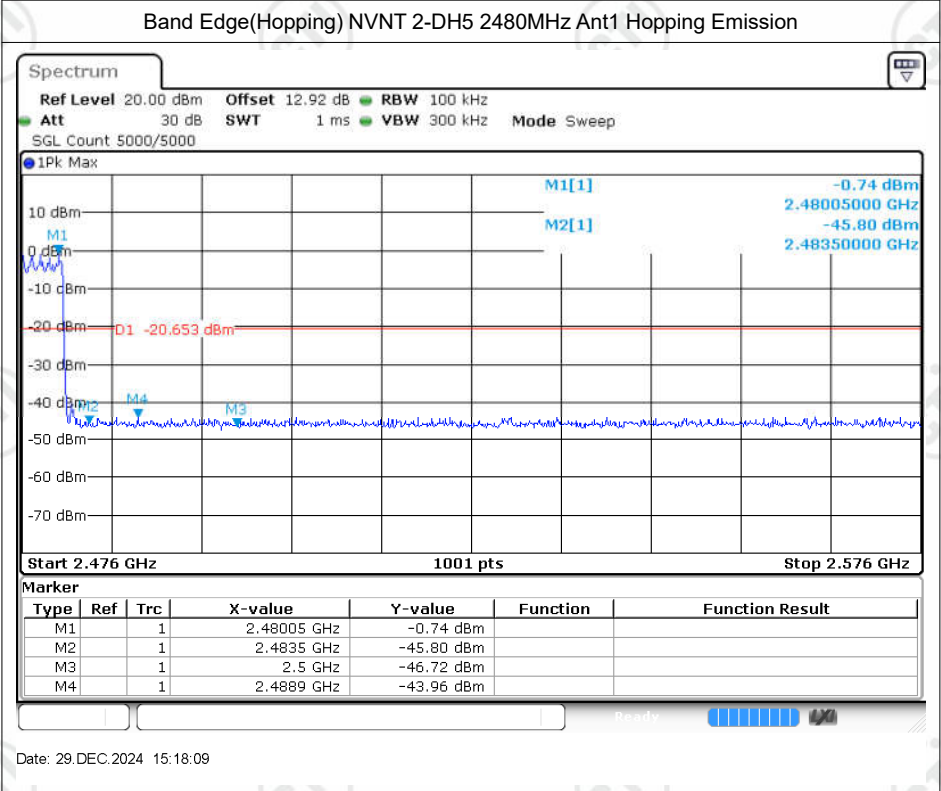
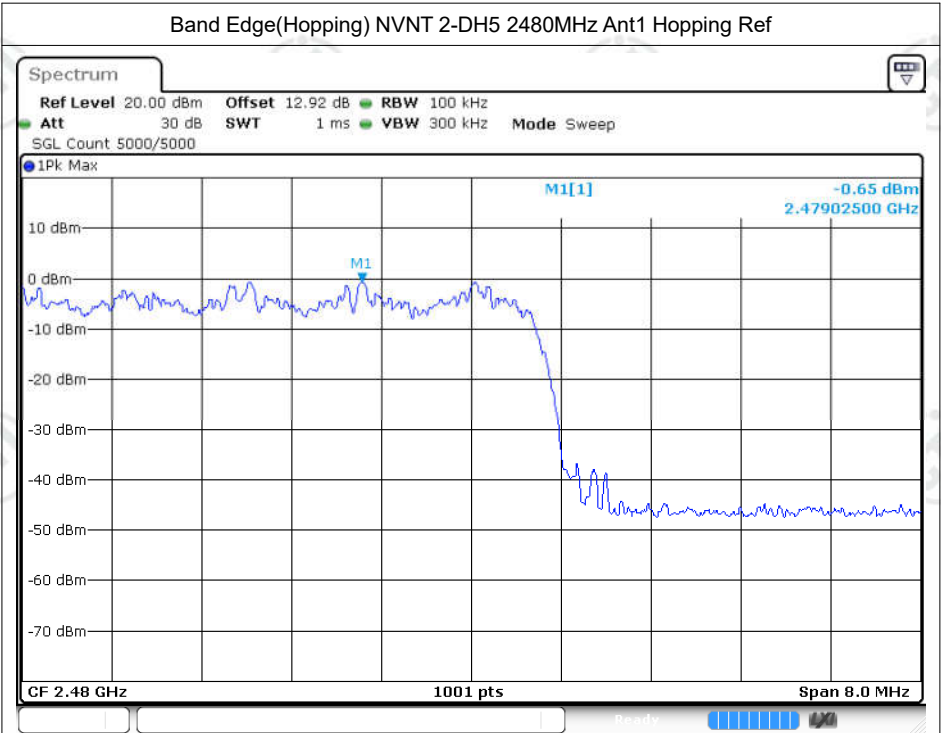


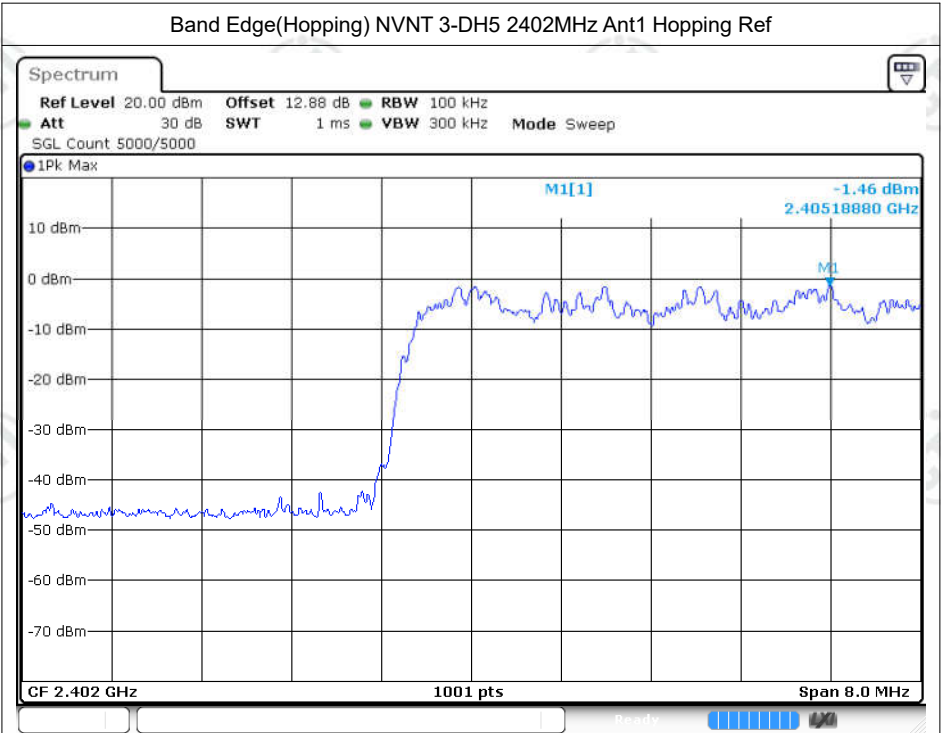


Date: 29.DEC.2024 15:15:00

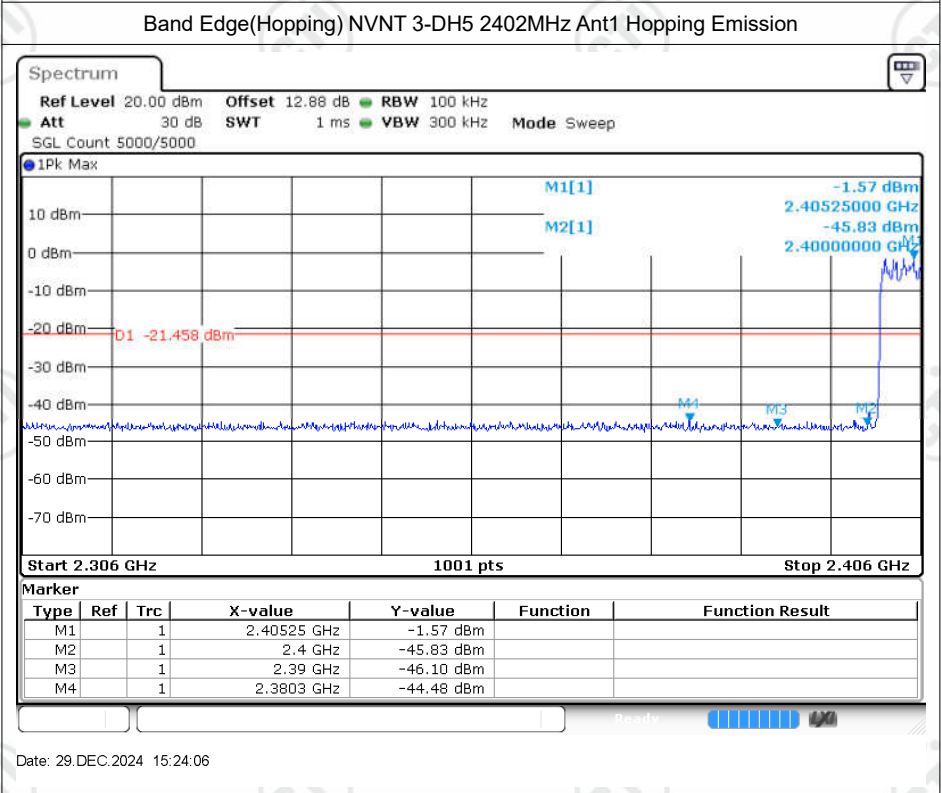


Date: 29.DEC.2024 15:15:23

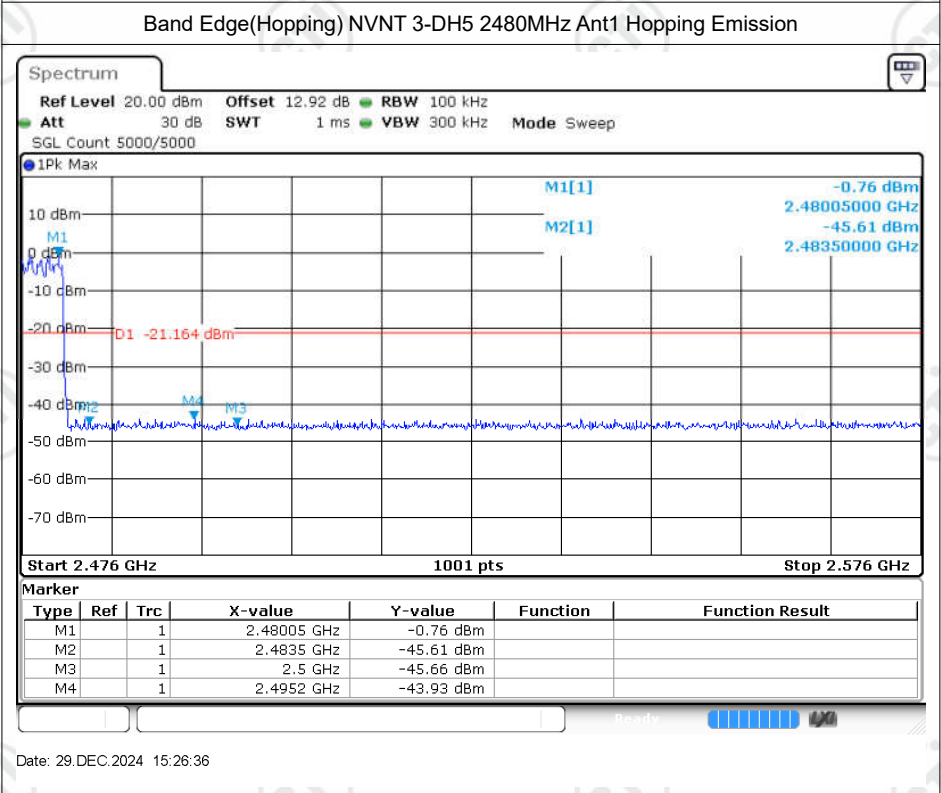
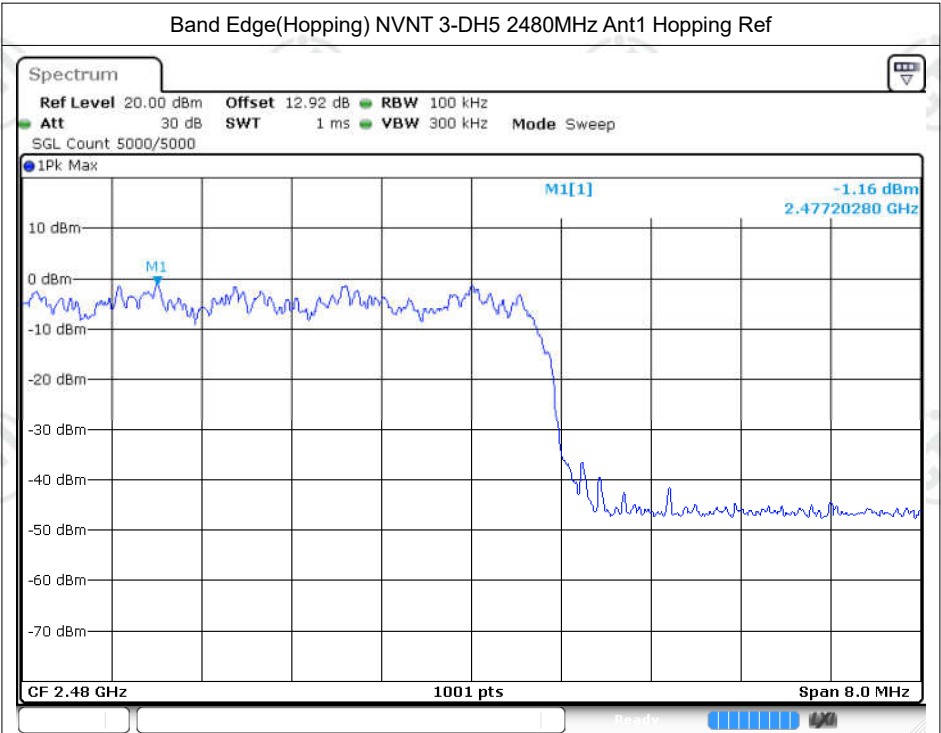




Date: 29.DEC.2024 15:23:42

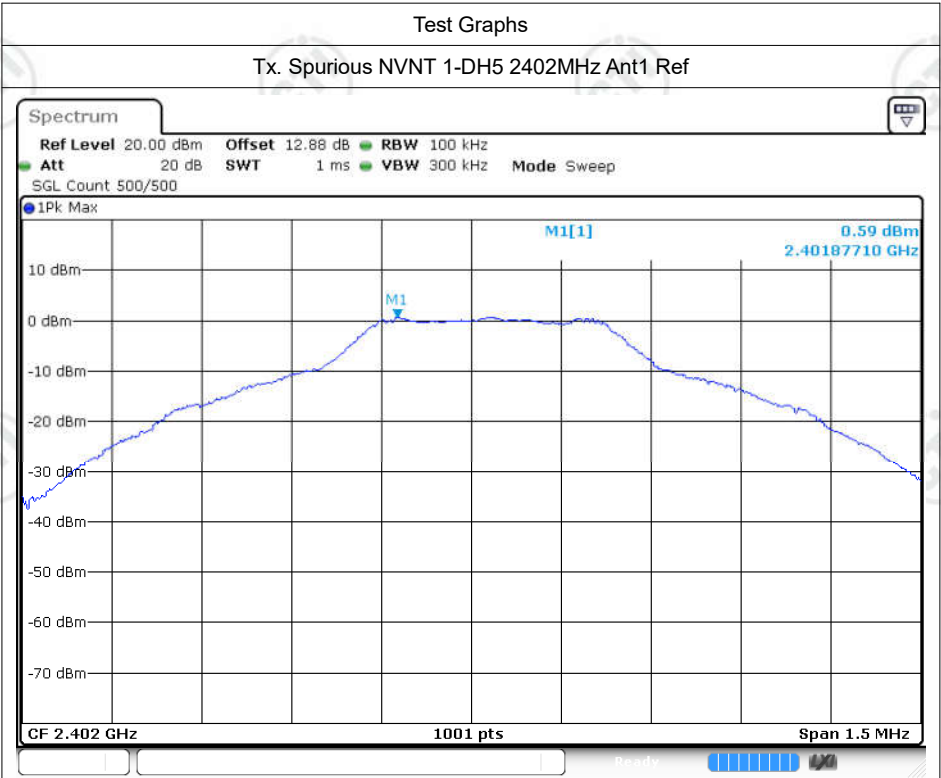


Date: 29.DEC.2024 15:24:06

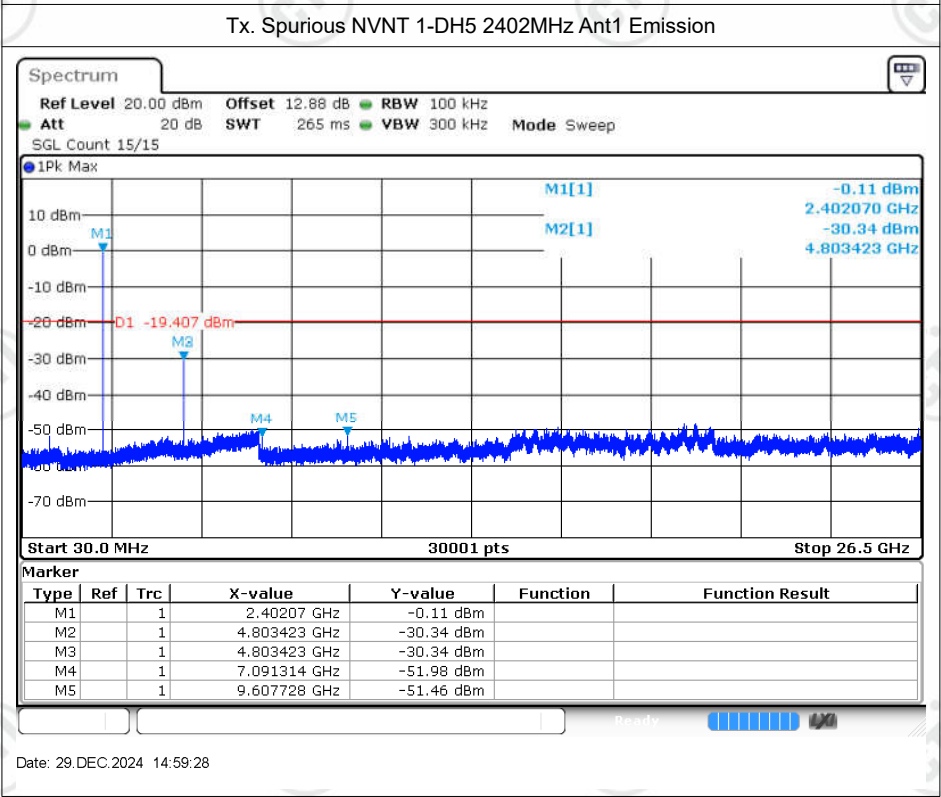


Conducted RF Spurious Emission

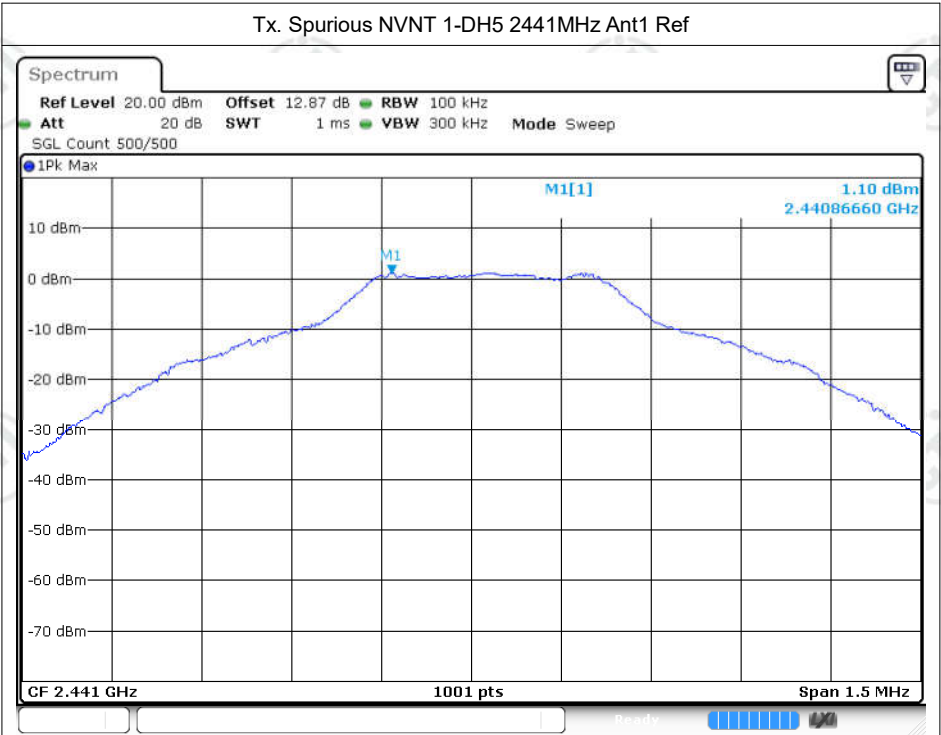
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-30.93	-20	Pass
NVNT	1-DH5	2441	Ant1	-28.71	-20	Pass
NVNT	1-DH5	2480	Ant1	-29.7	-20	Pass
NVNT	2-DH5	2402	Ant1	-30.39	-20	Pass
NVNT	2-DH5	2441	Ant1	-29.49	-20	Pass
NVNT	2-DH5	2480	Ant1	-29.36	-20	Pass
NVNT	3-DH5	2402	Ant1	-34.59	-20	Pass
NVNT	3-DH5	2441	Ant1	-32.64	-20	Pass
NVNT	3-DH5	2480	Ant1	-32.93	-20	Pass



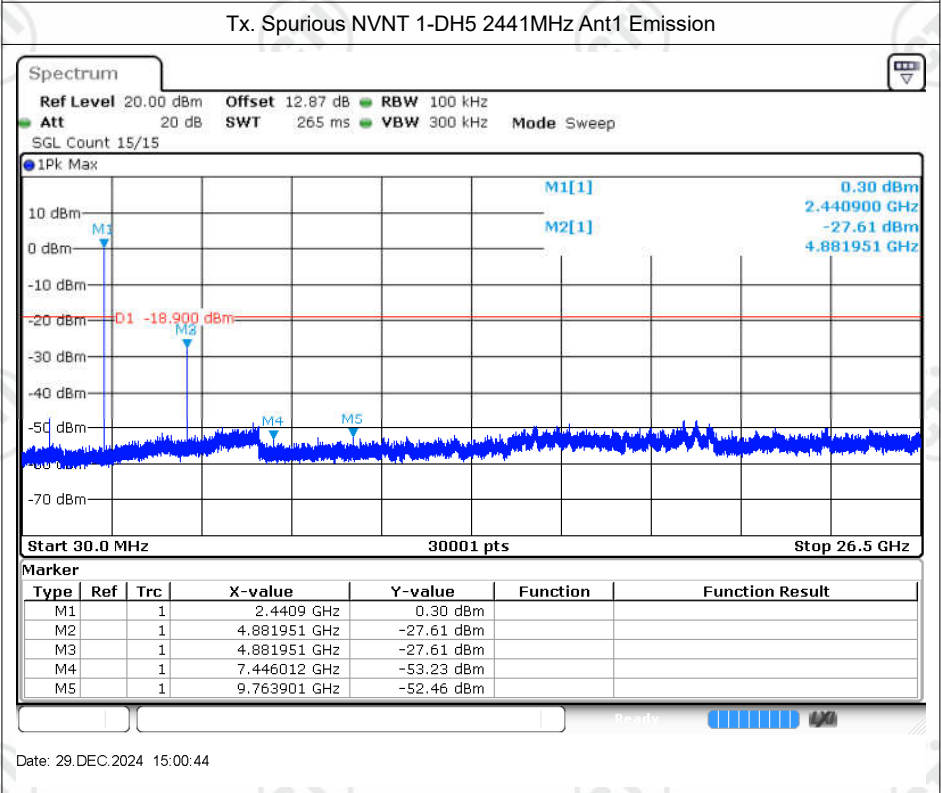
Date: 29.DEC.2024 14:59:13



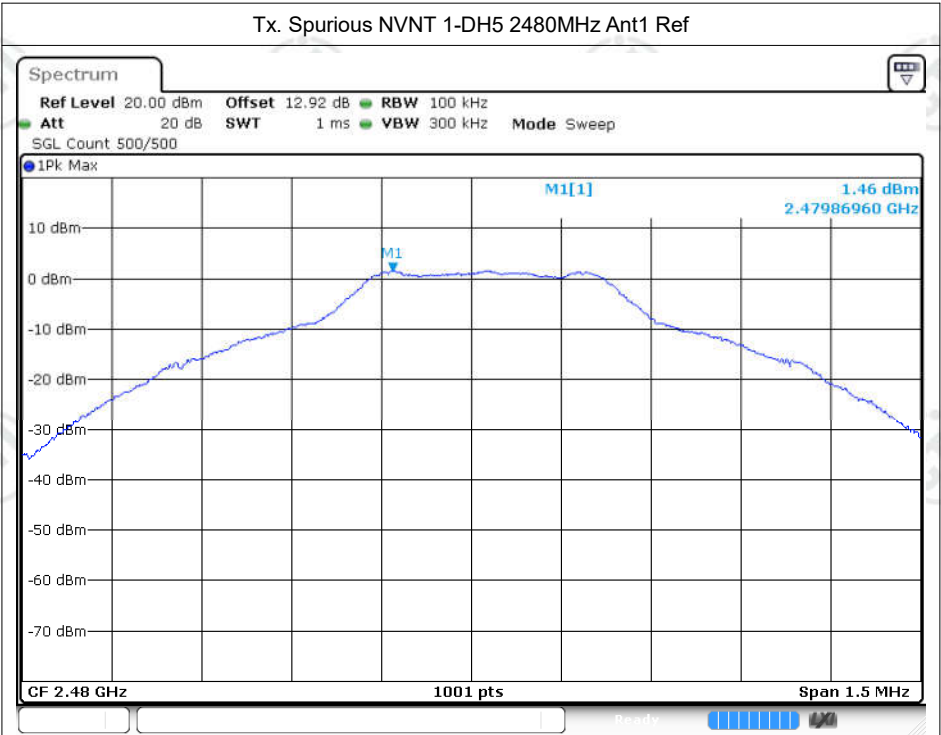
Date: 29.DEC.2024 14:59:28



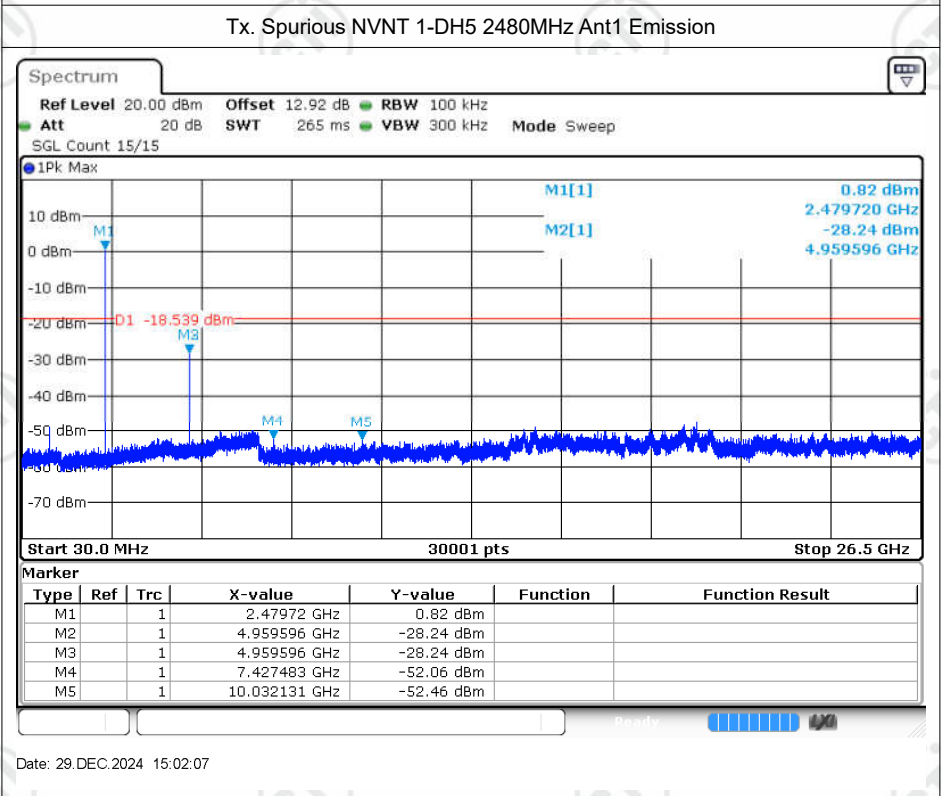
Date: 29.DEC.2024 15:00:28



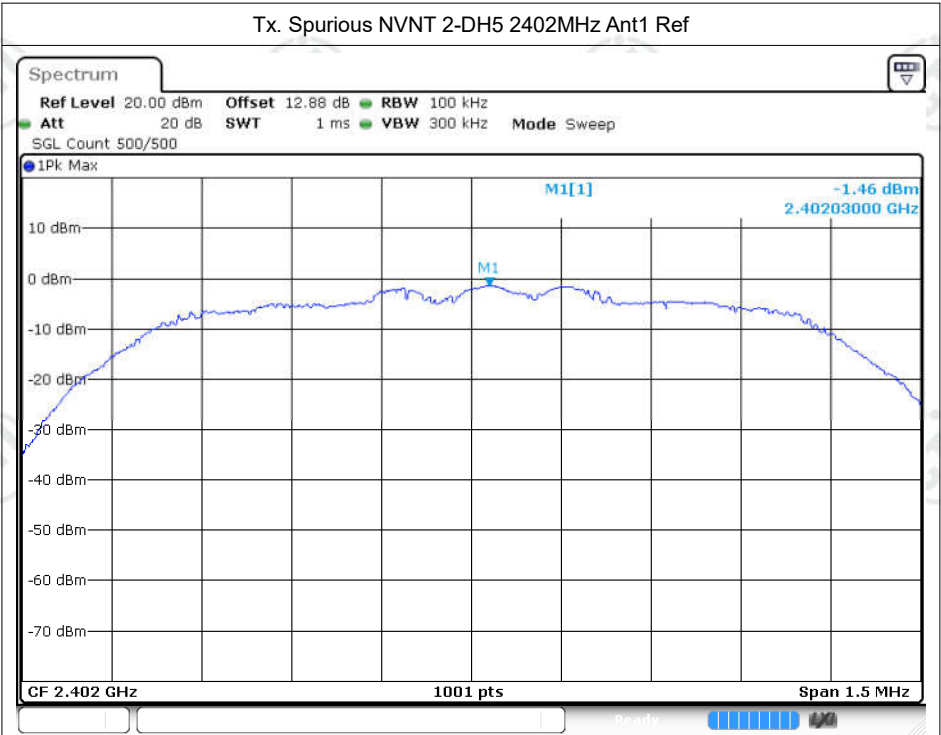
Date: 29.DEC.2024 15:00:44



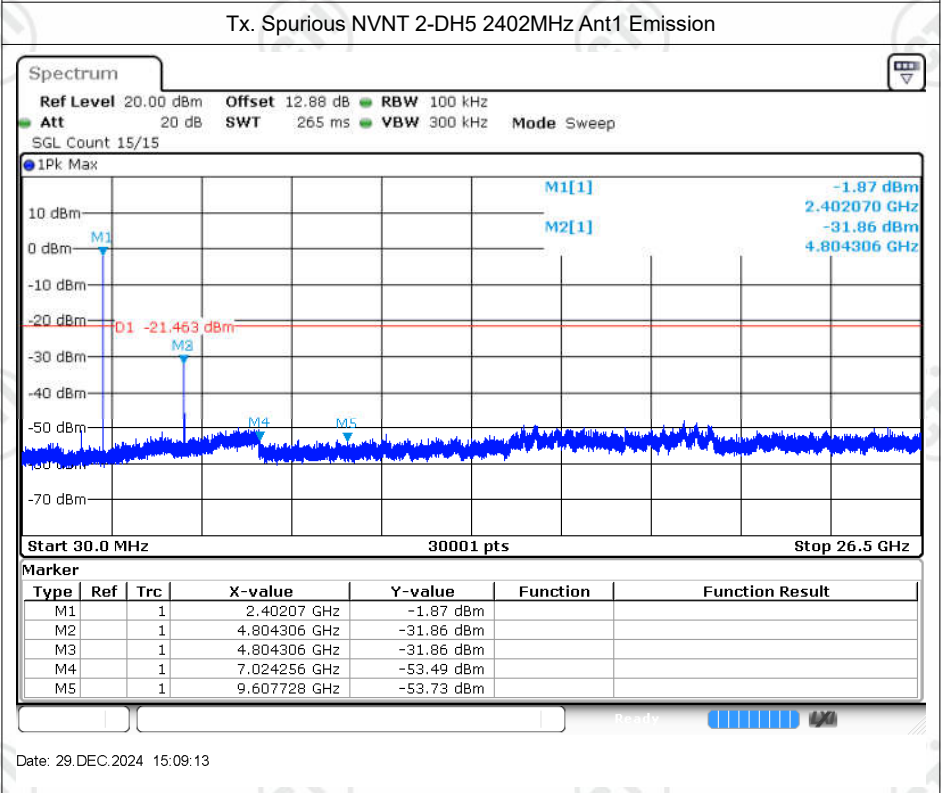
Date: 29.DEC.2024 15:01:51



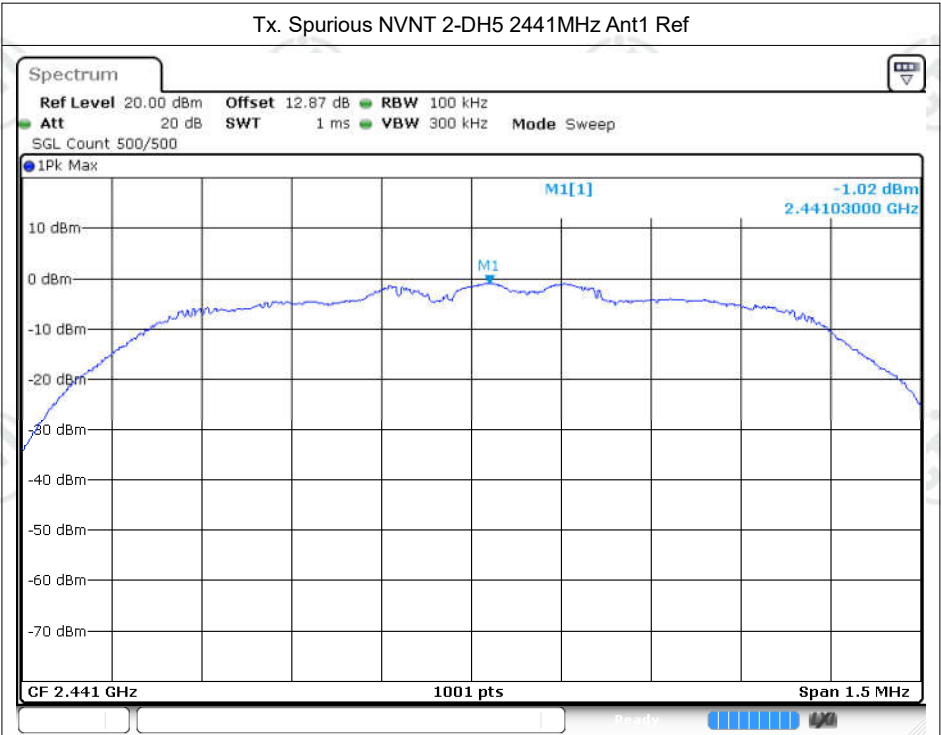
Date: 29.DEC.2024 15:02:07



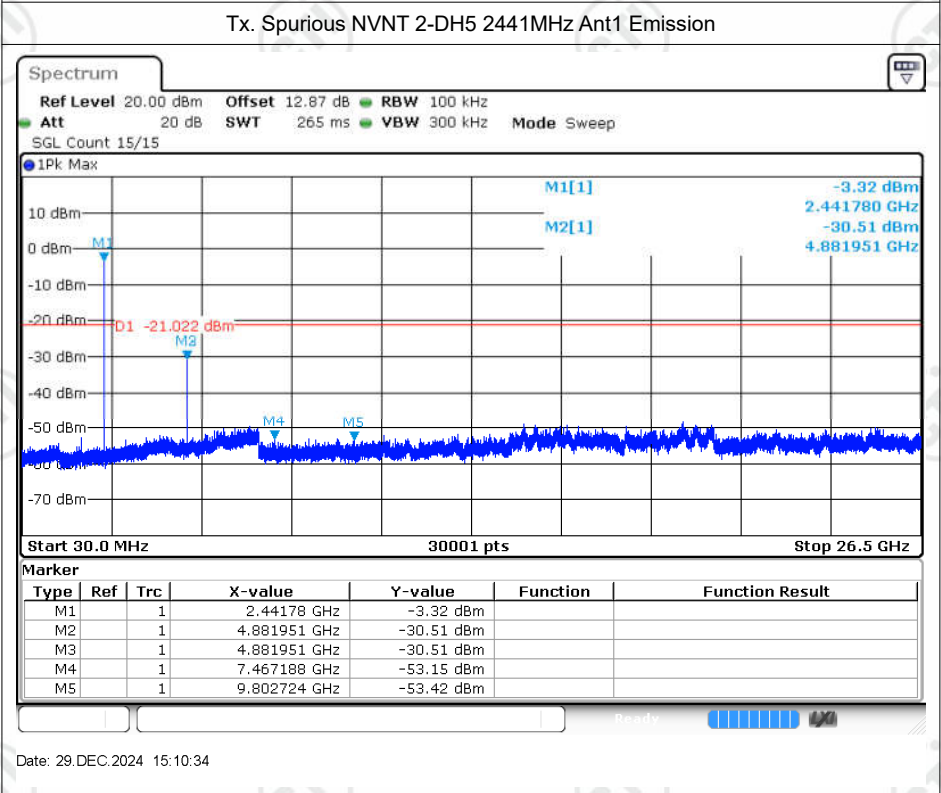
Date: 29.DEC.2024 15:08:58



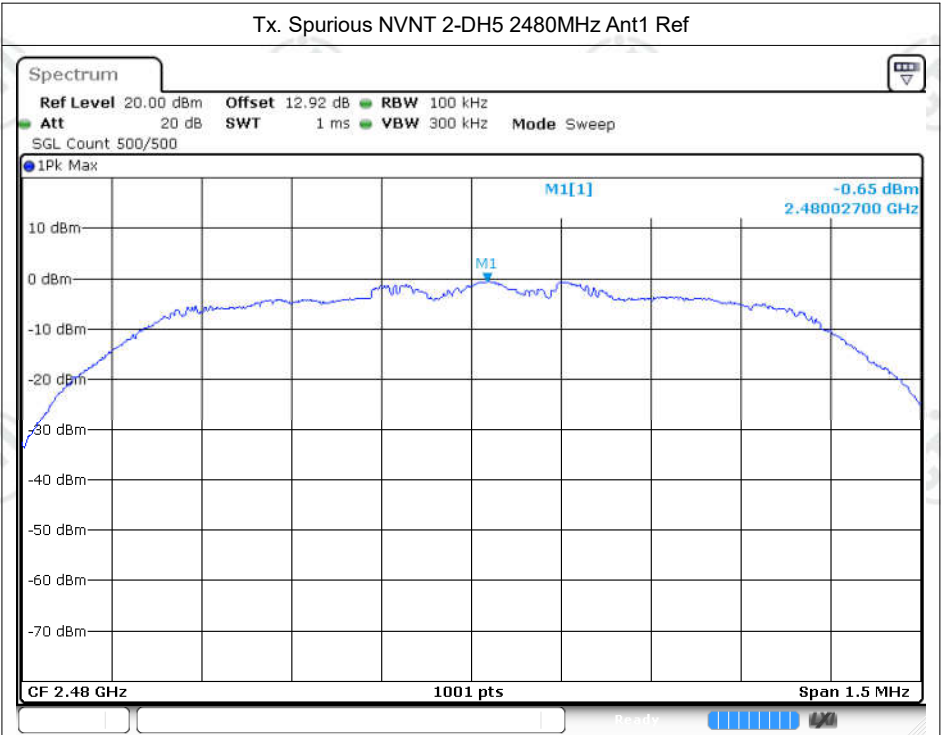
Date: 29.DEC.2024 15:09:13



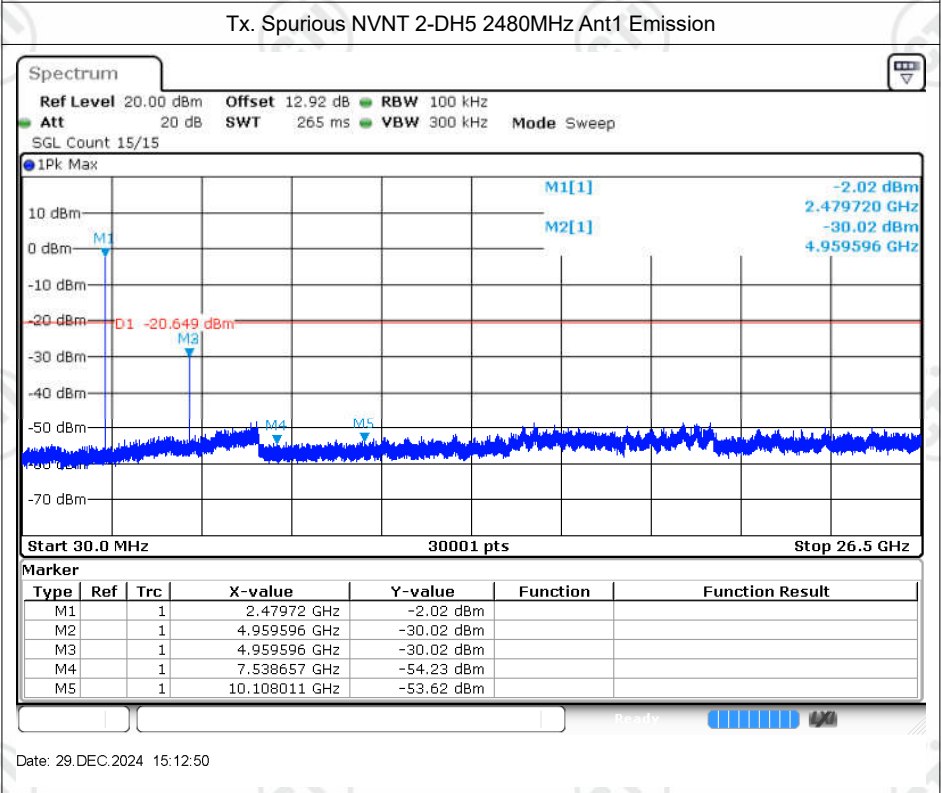
Date: 29.DEC.2024 15:10:18

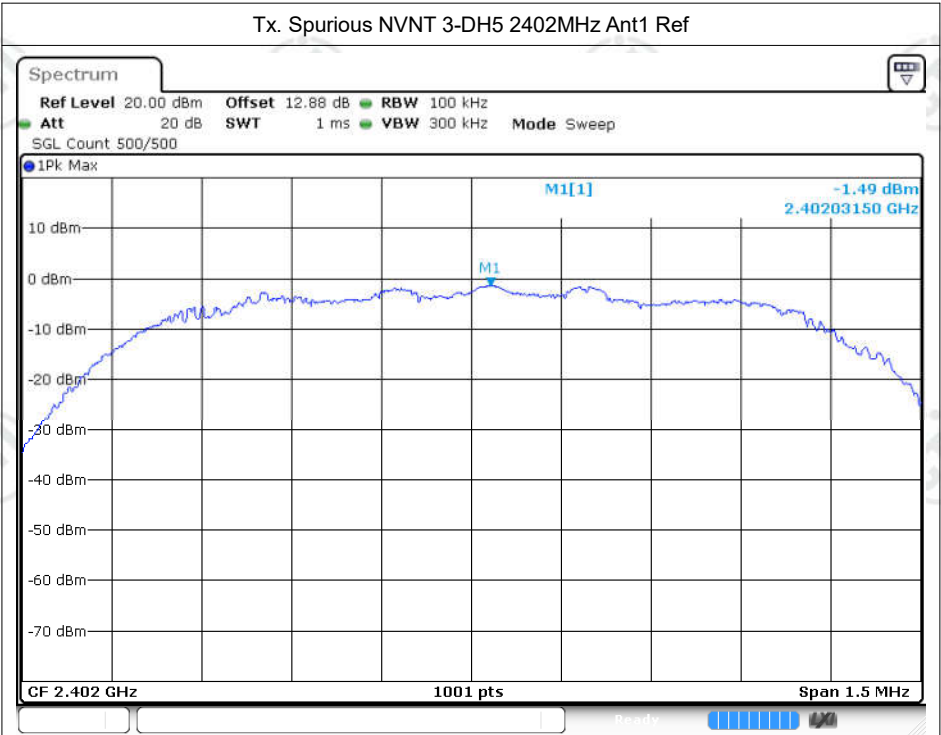


Date: 29.DEC.2024 15:10:34

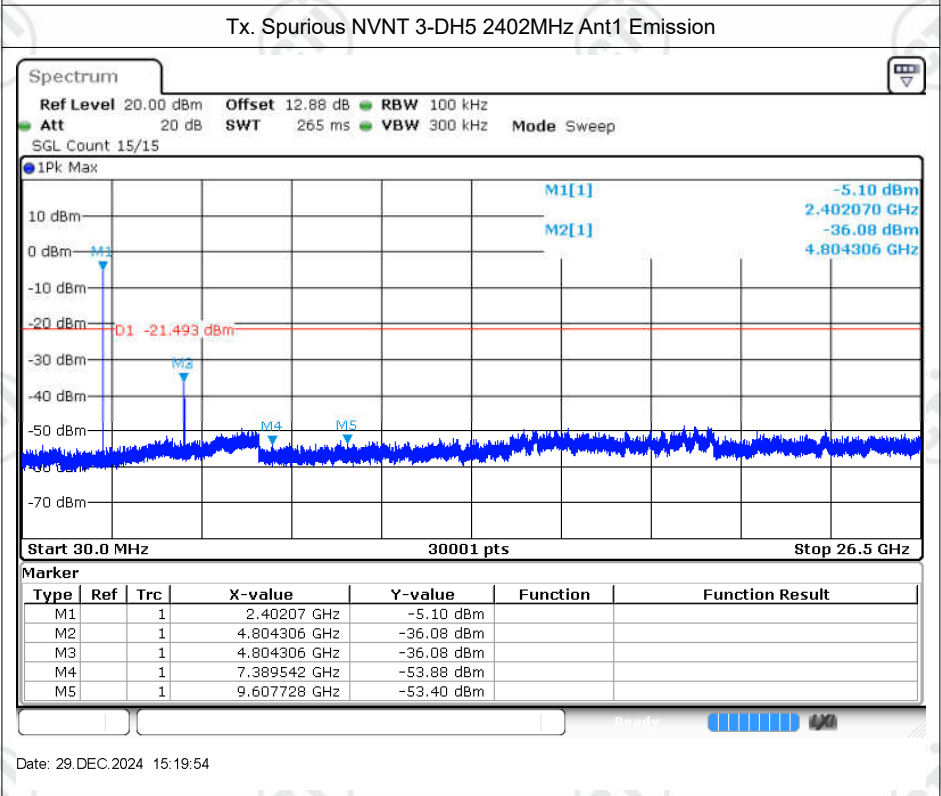


Date: 29.DEC.2024 15:12:34

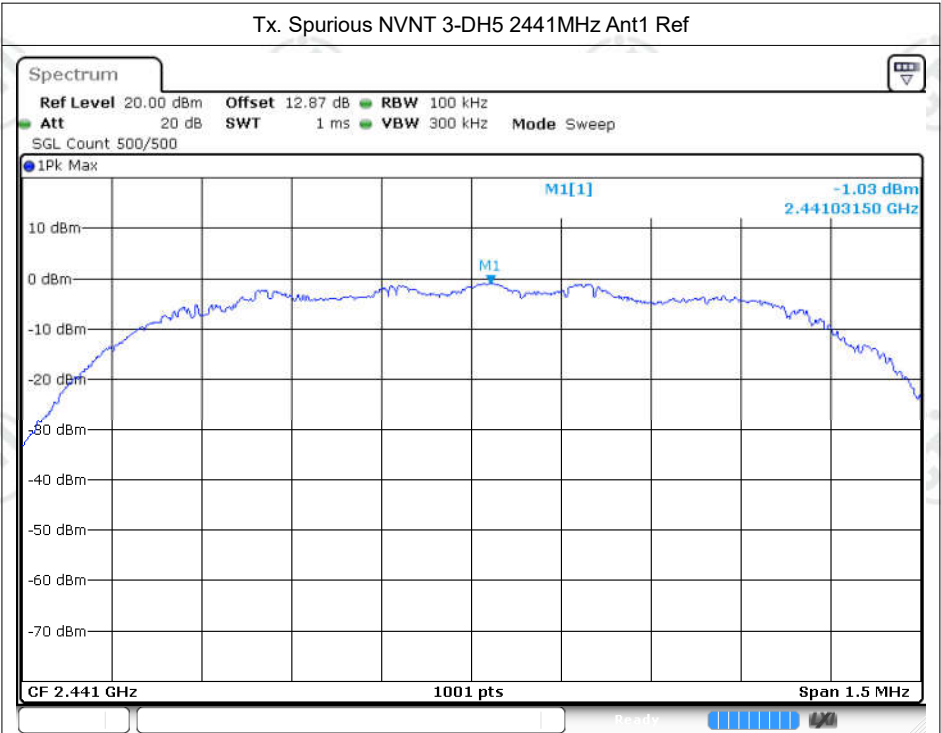




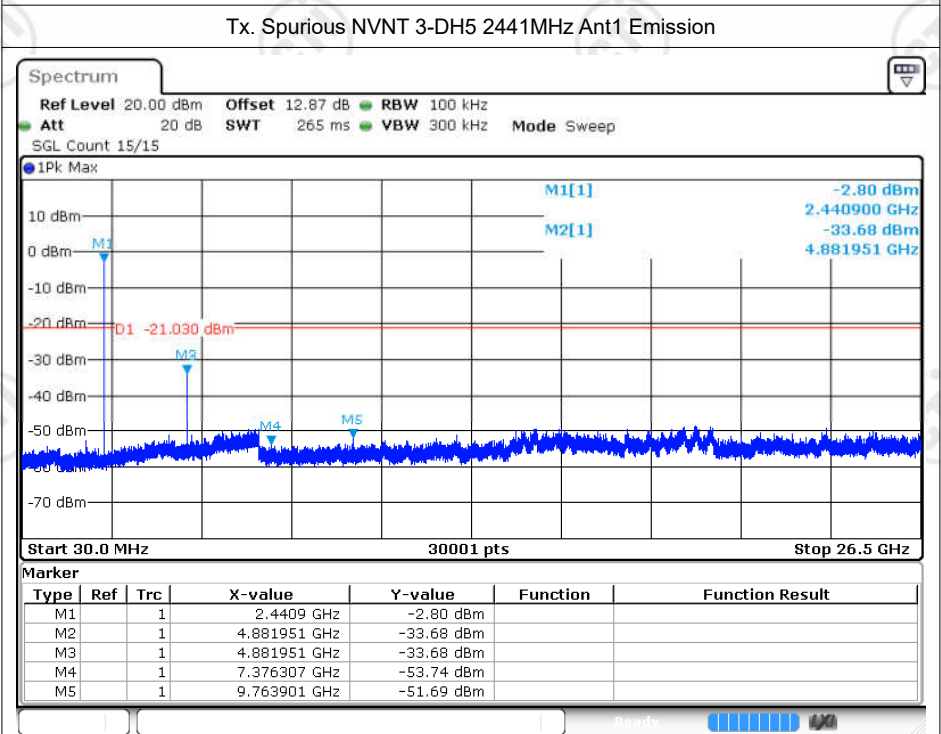
Date: 29.DEC.2024 15:19:38



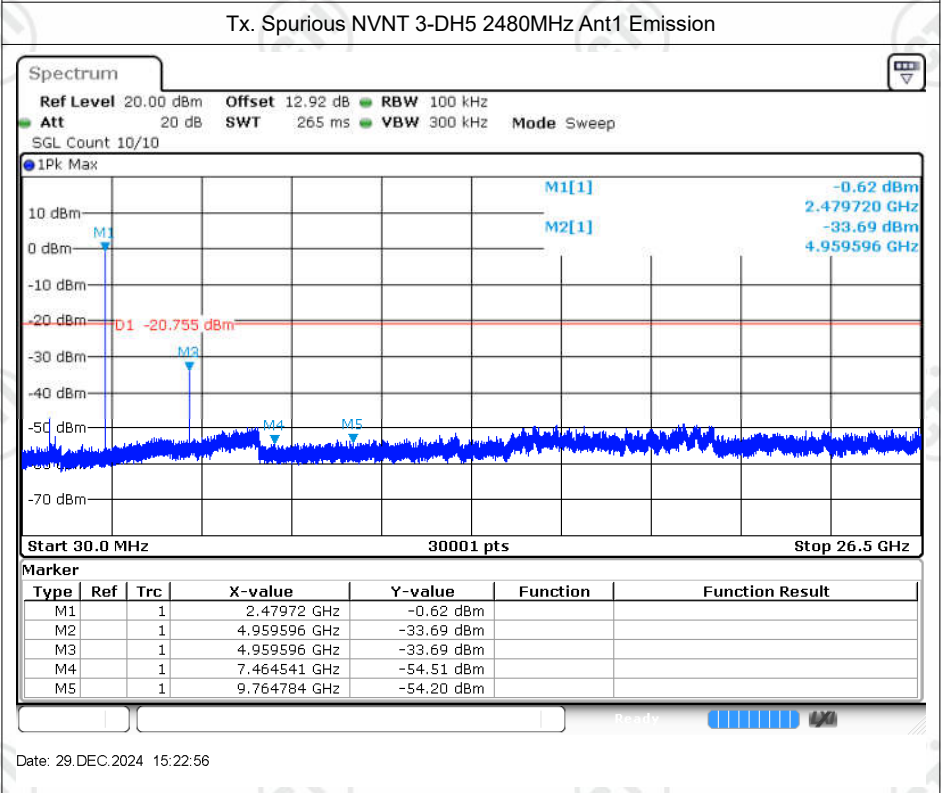
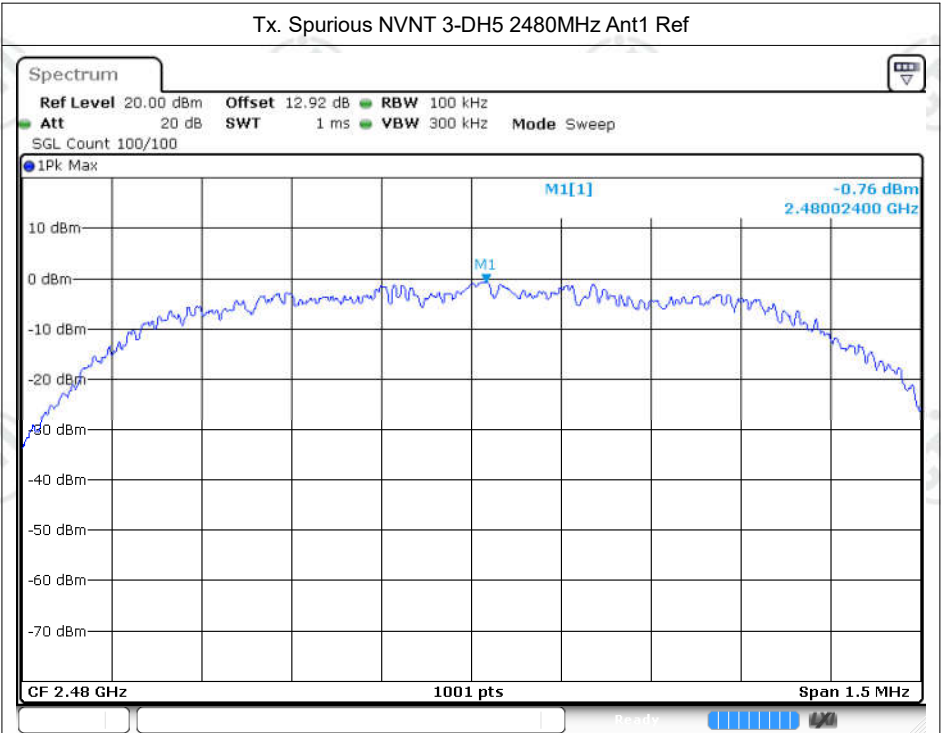
Date: 29.DEC.2024 15:19:54



Date: 29.DEC.2024 15:21:16

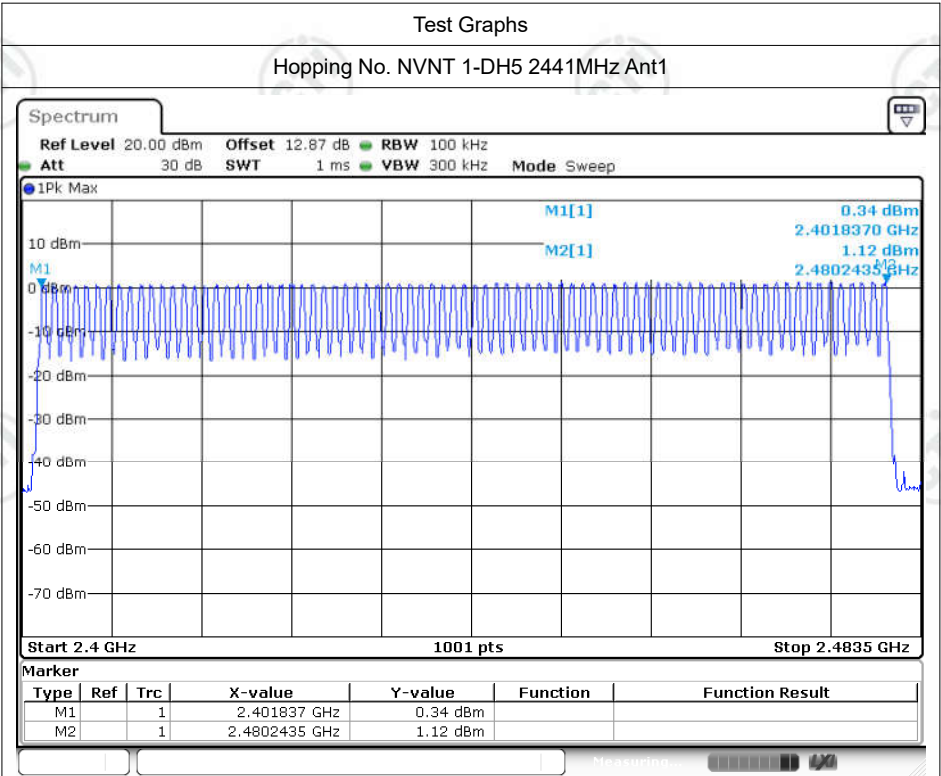


Date: 29.DEC.2024 15:21:32

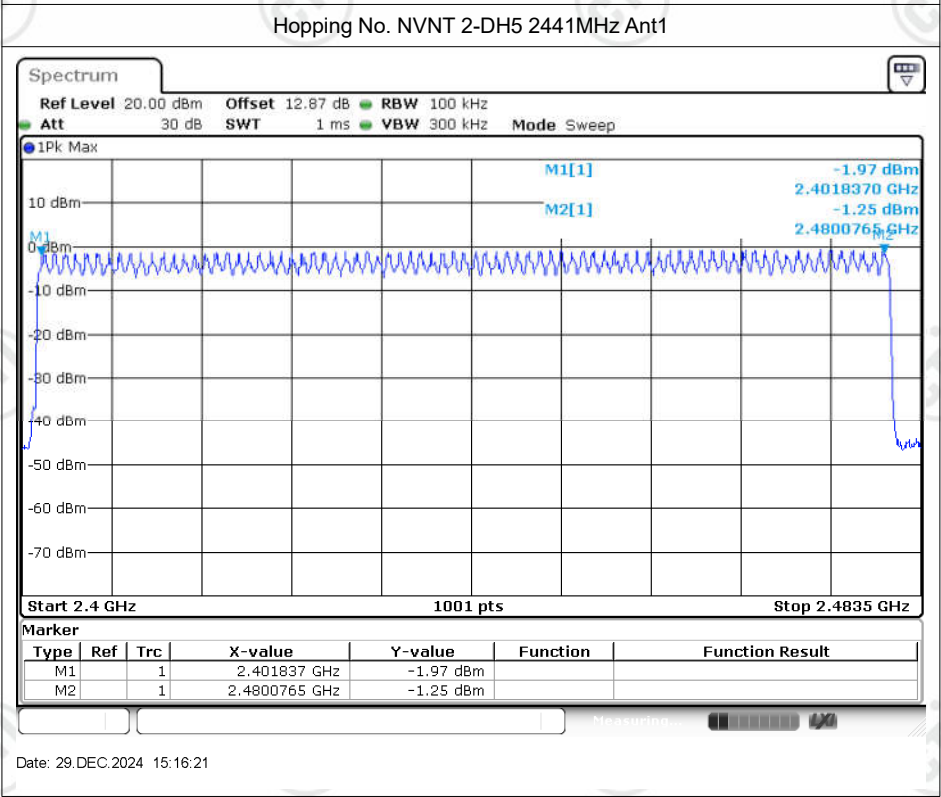


Number of Hopping Channel

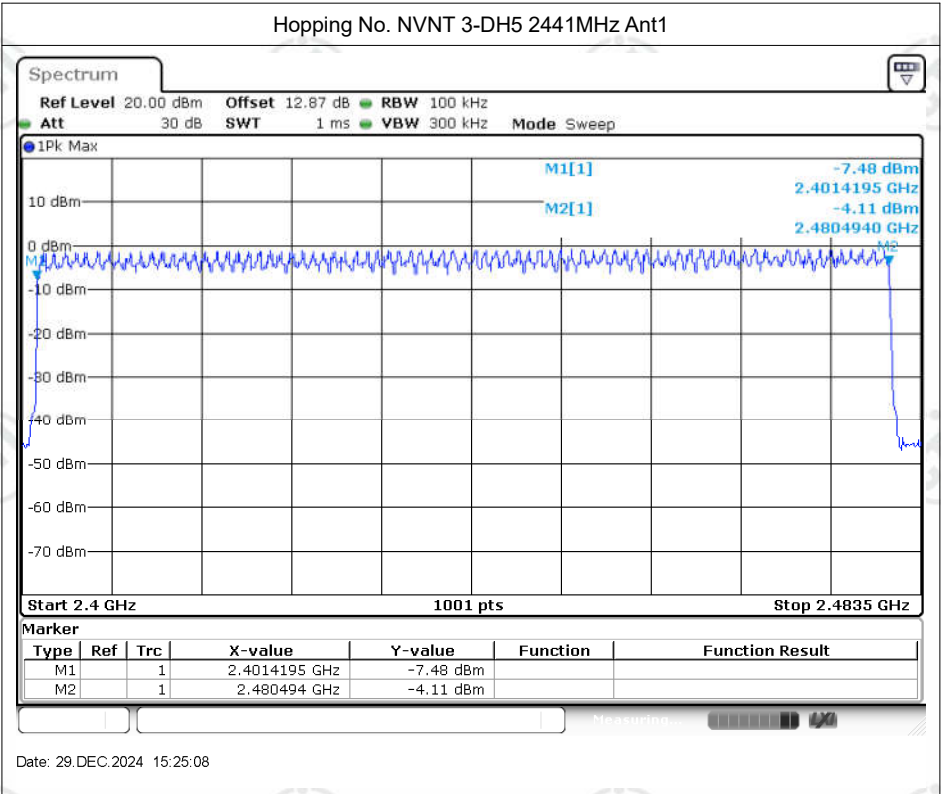
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



Date: 29.DEC.2024 15:04:11



Date: 29.DEC.2024 15:16:21



*** End of Report ***