

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

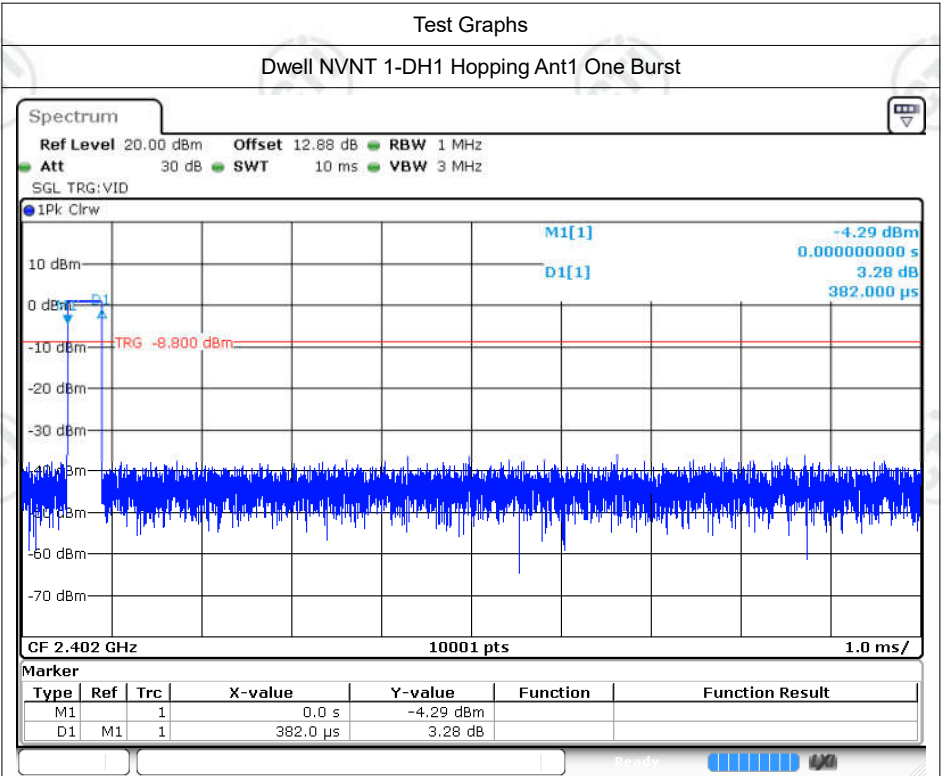
Band Edge(Hopping) 50

Conducted RF Spurious Emission 57

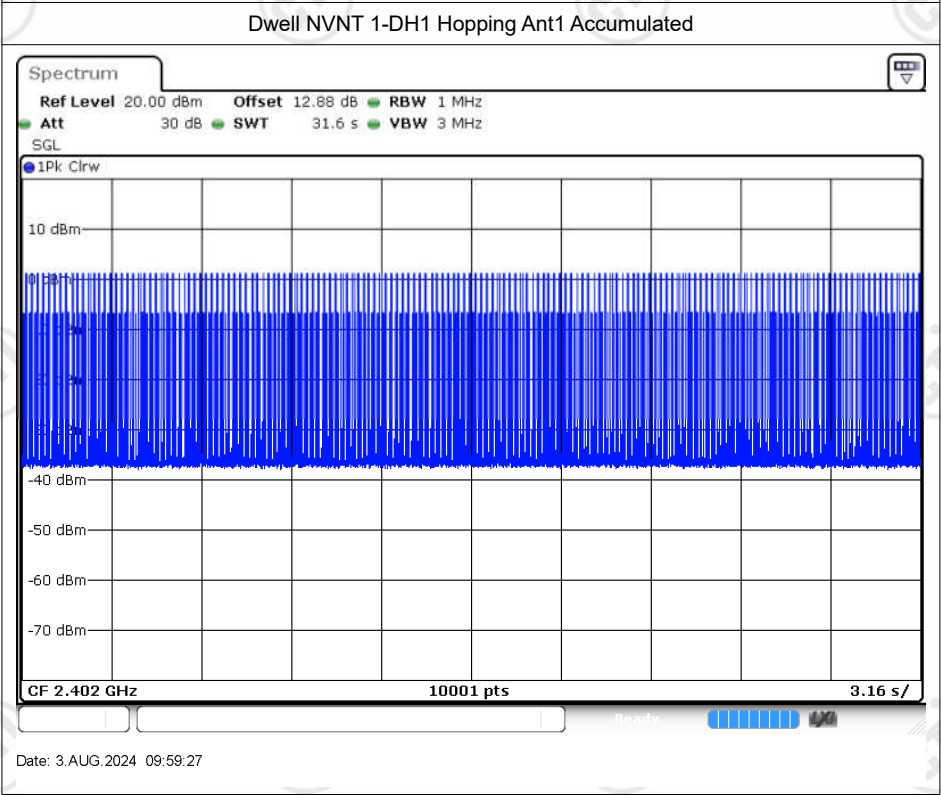
Number of Hopping Channel 67

Dwell Time

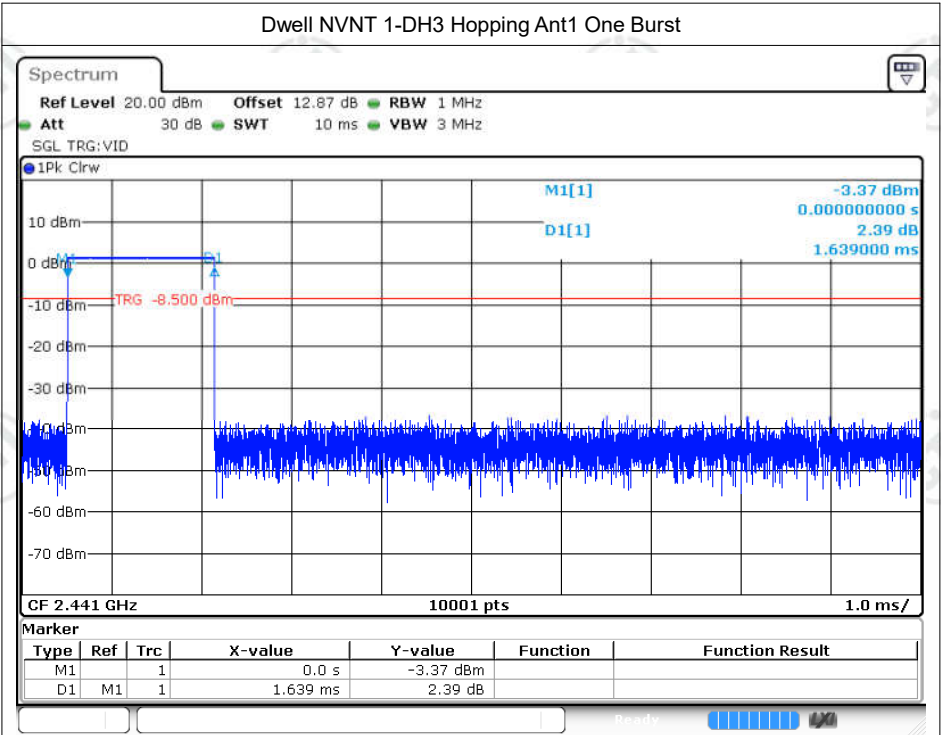
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	Hopping	Ant1	0.382	120.712	316	31600	400	Pass
NVNT	1-DH3	Hopping	Ant1	1.639	254.045	155	31600	400	Pass
NVNT	1-DH5	Hopping	Ant1	2.887	369.536	128	31600	400	Pass
NVNT	2-DH1	Hopping	Ant1	0.392	123.872	316	31600	400	Pass
NVNT	2-DH3	Hopping	Ant1	1.644	272.904	166	31600	400	Pass
NVNT	2-DH5	Hopping	Ant1	2.892	306.552	106	31600	400	Pass
NVNT	3-DH1	Hopping	Ant1	0.392	123.48	315	31600	400	Pass
NVNT	3-DH3	Hopping	Ant1	1.643	251.379	153	31600	400	Pass
NVNT	3-DH5	Hopping	Ant1	2.894	292.294	101	31600	400	Pass



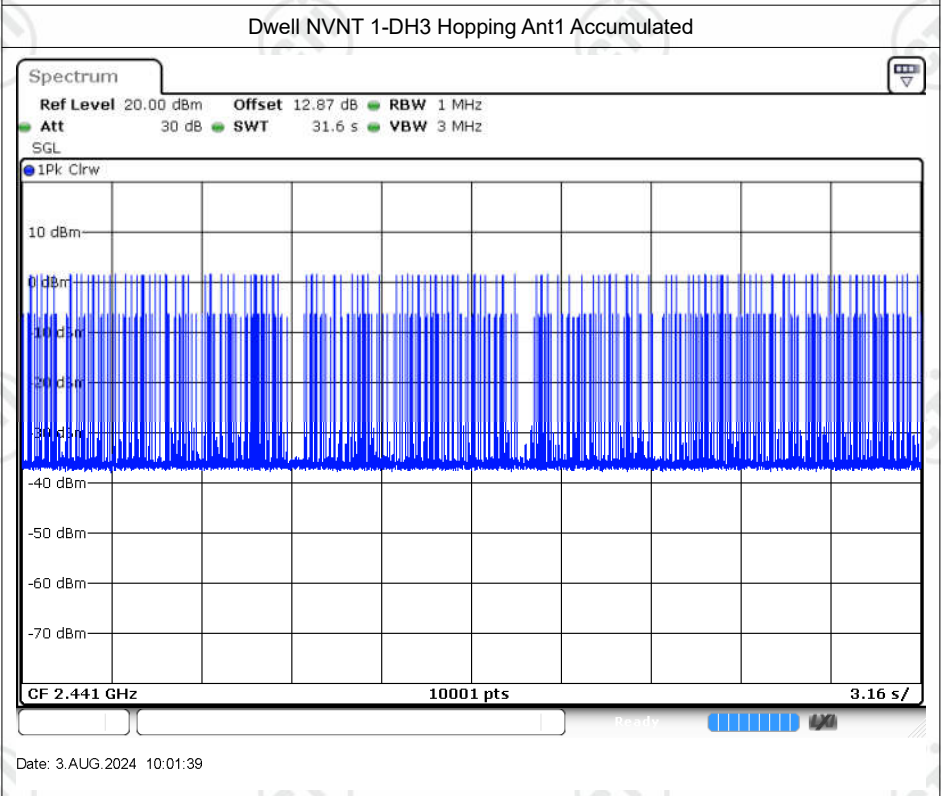
Date: 3.AUG.2024 09:58:54



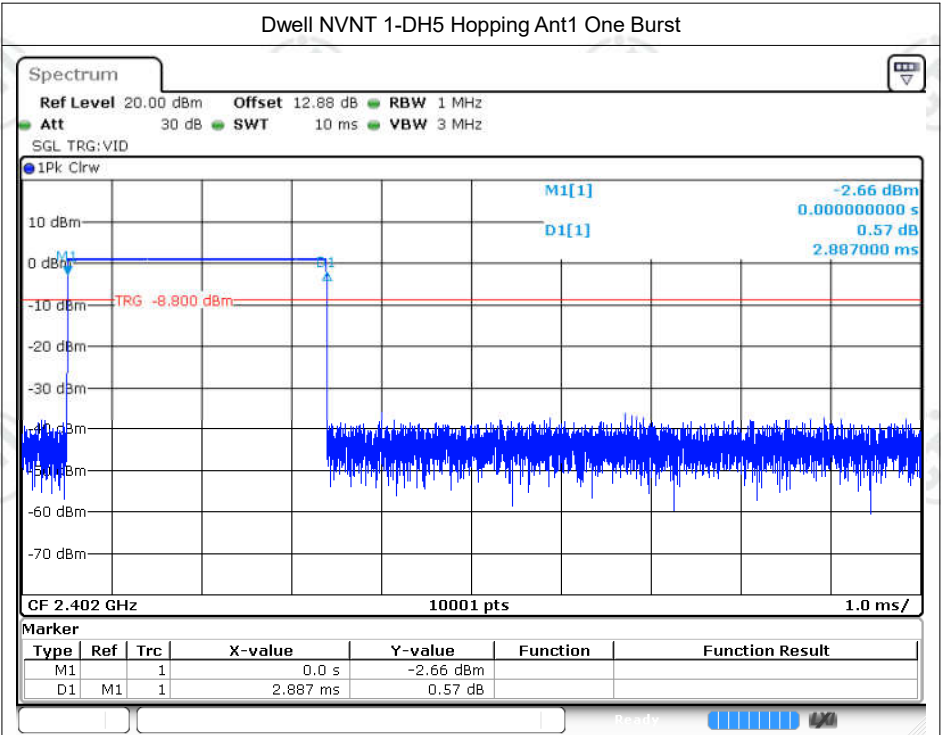
Date: 3.AUG.2024 09:59:27



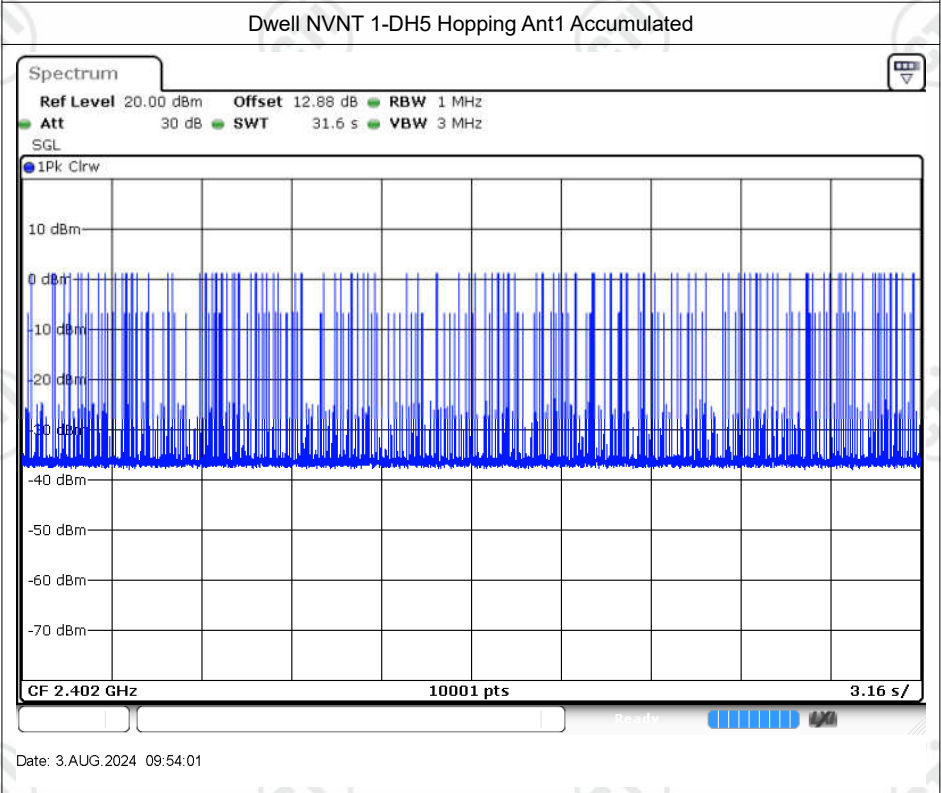
Date: 3.AUG.2024 10:01:06



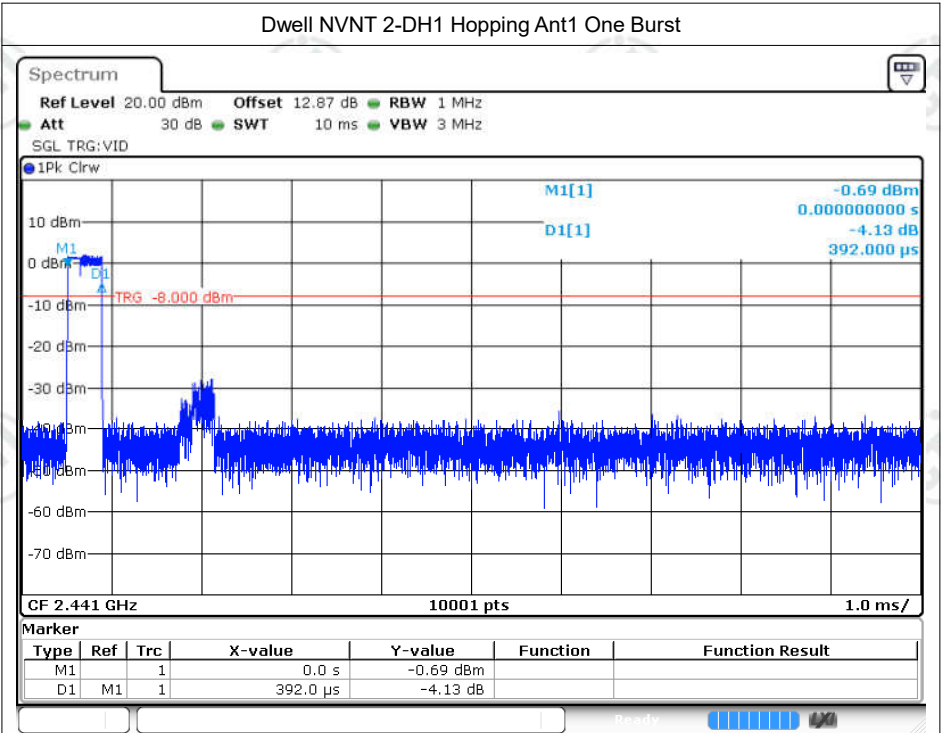
Date: 3.AUG.2024 10:01:39



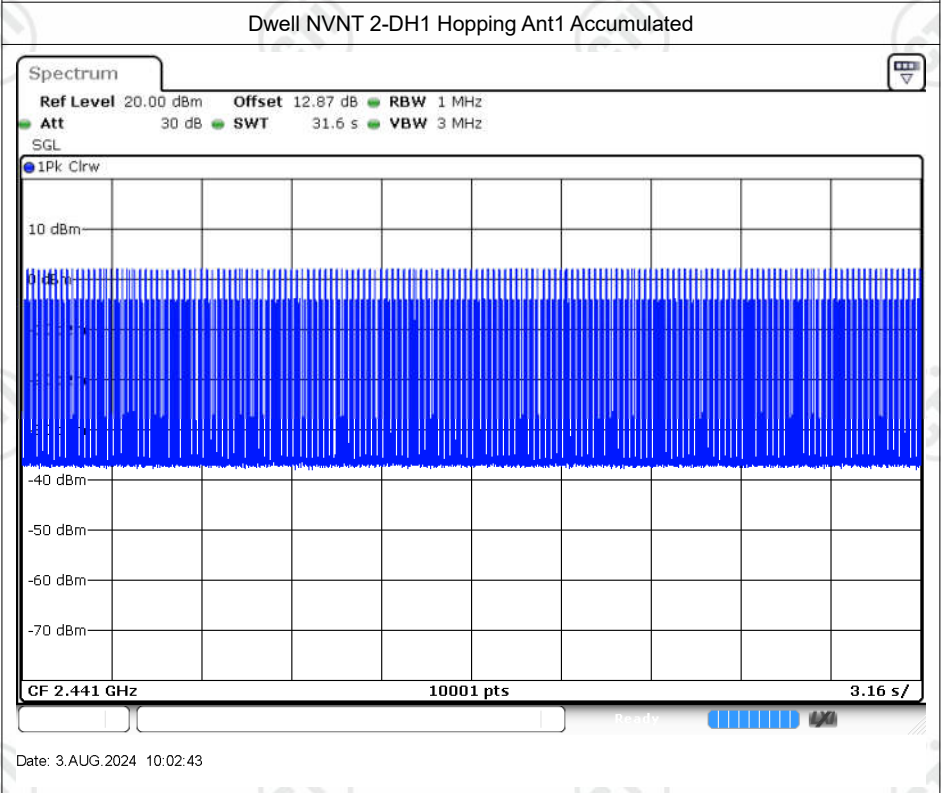
Date: 3.AUG.2024 09:53:29



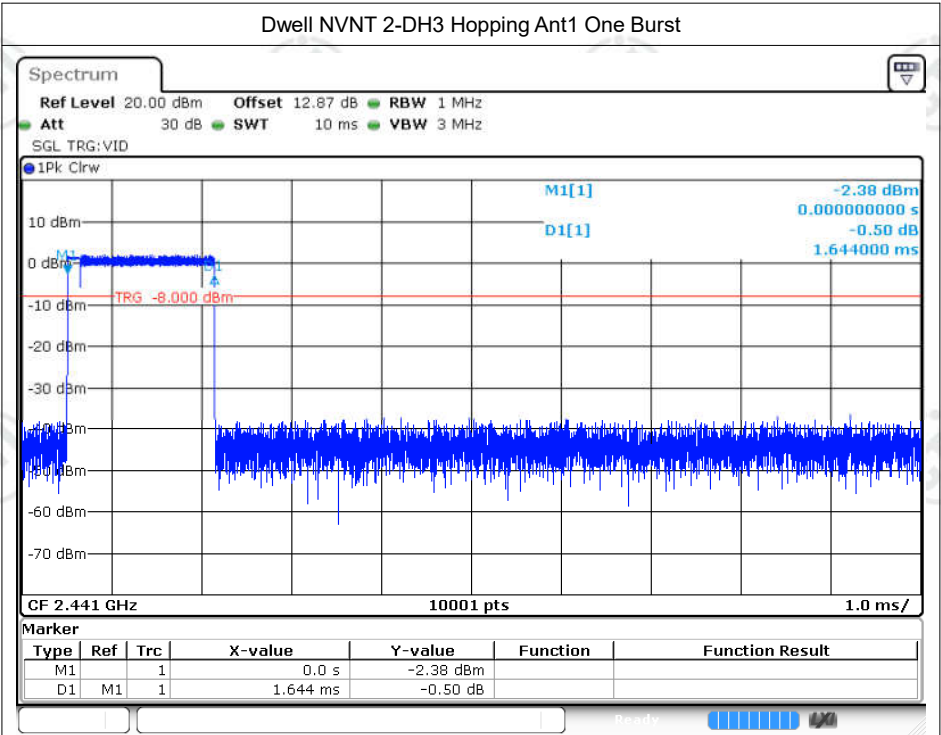
Date: 3.AUG.2024 09:54:01



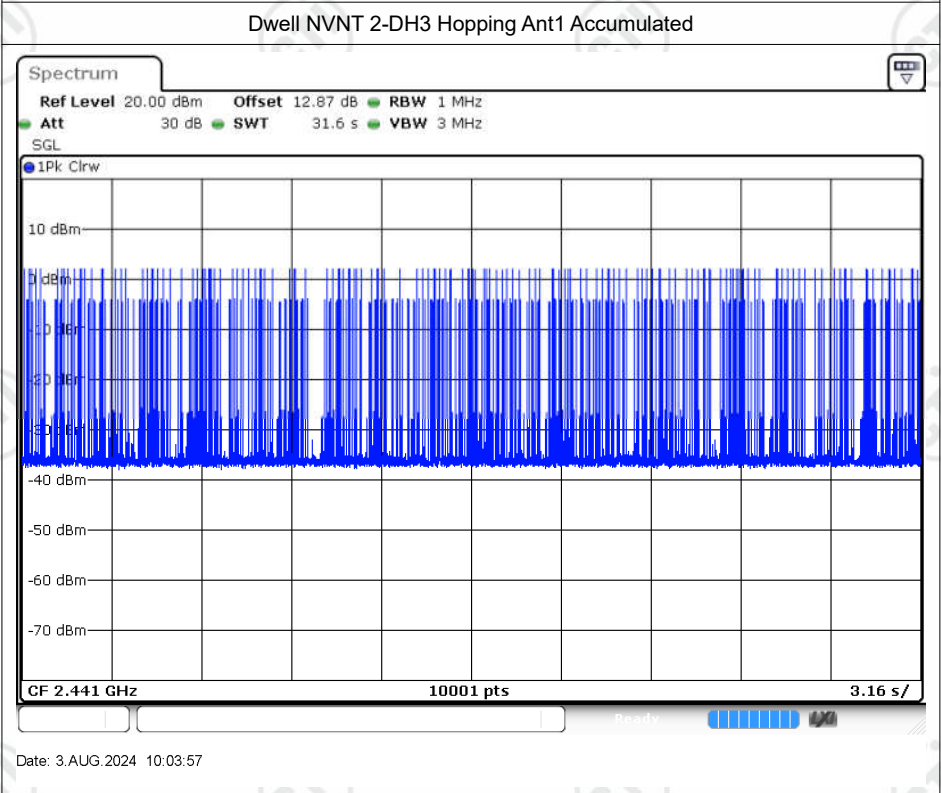
Date: 3.AUG.2024 10:02:10



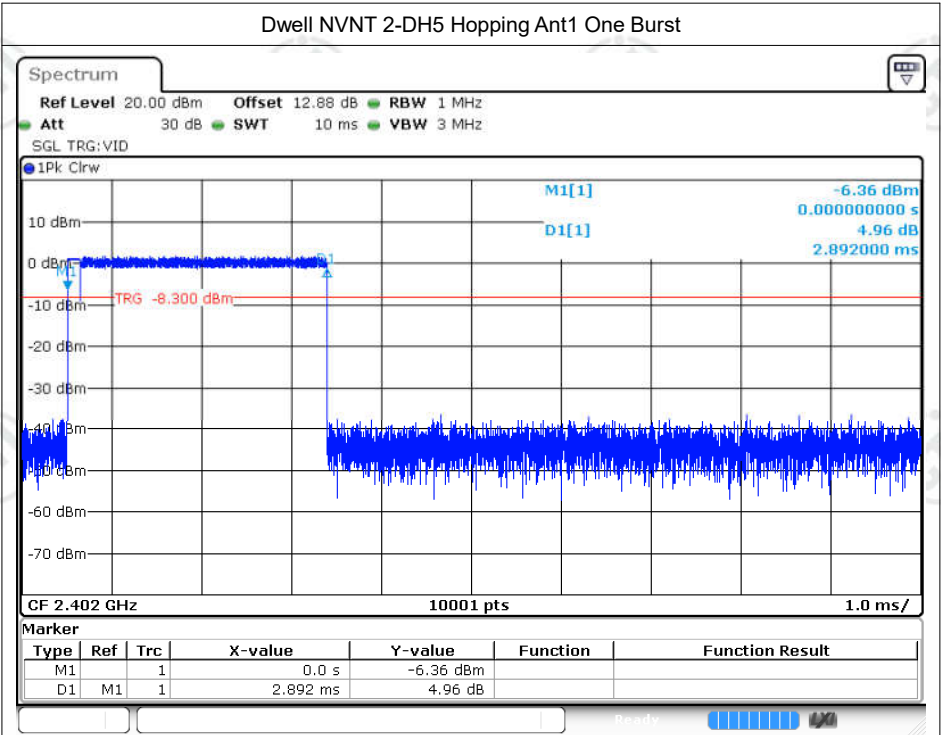
Date: 3.AUG.2024 10:02:43



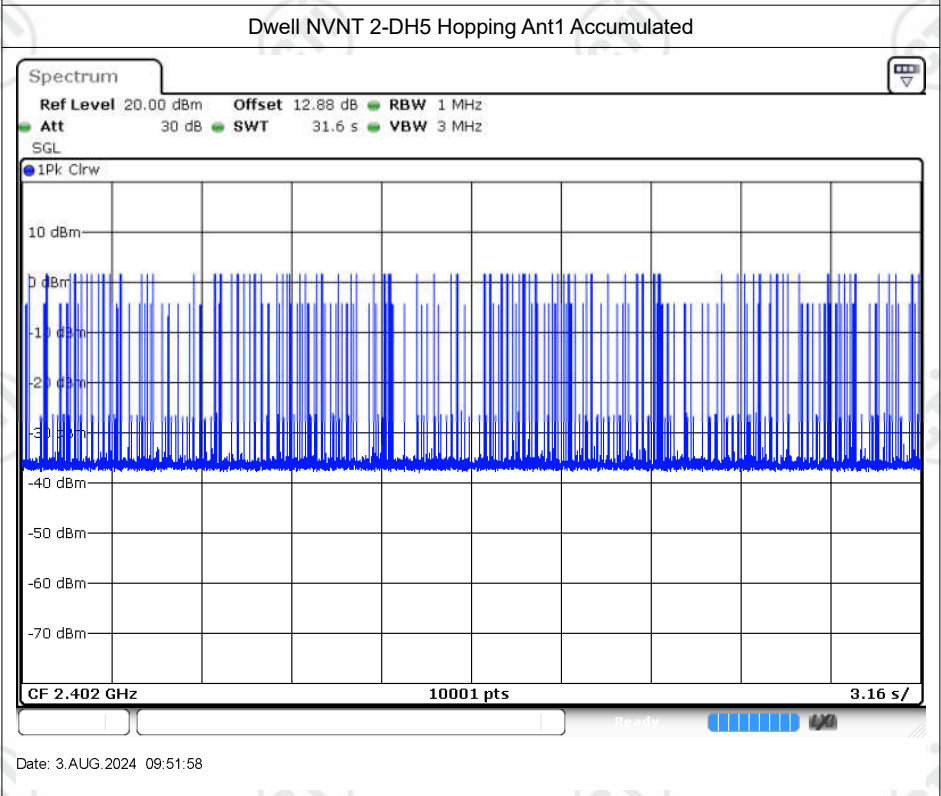
Date: 3.AUG.2024 10:03:24



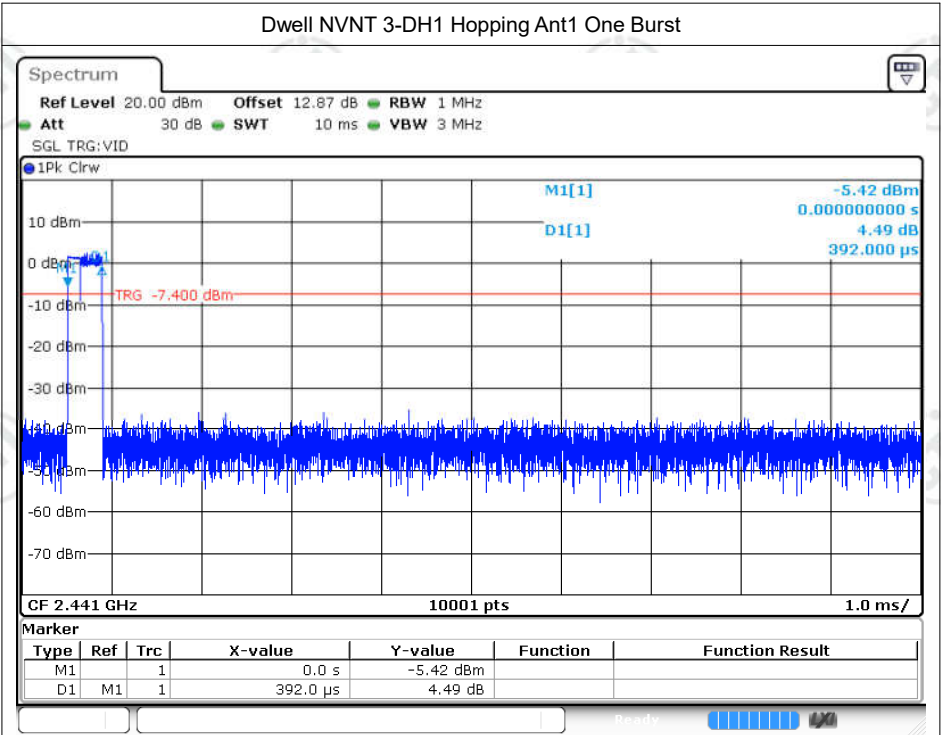
Date: 3.AUG.2024 10:03:57



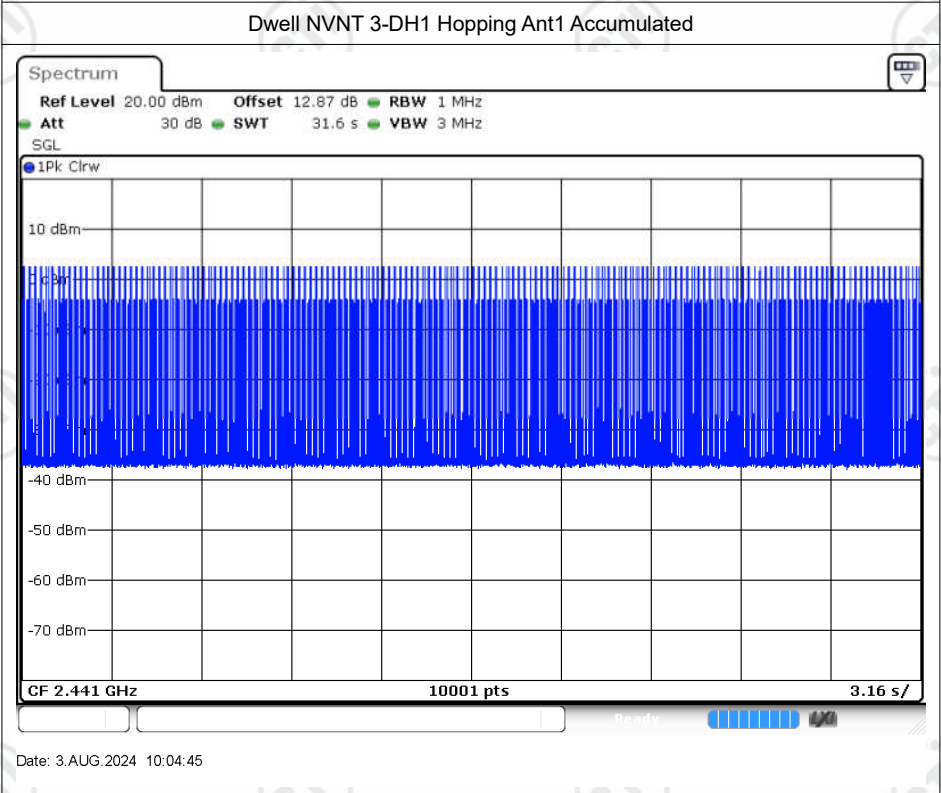
Date: 3.AUG.2024 09:51:25



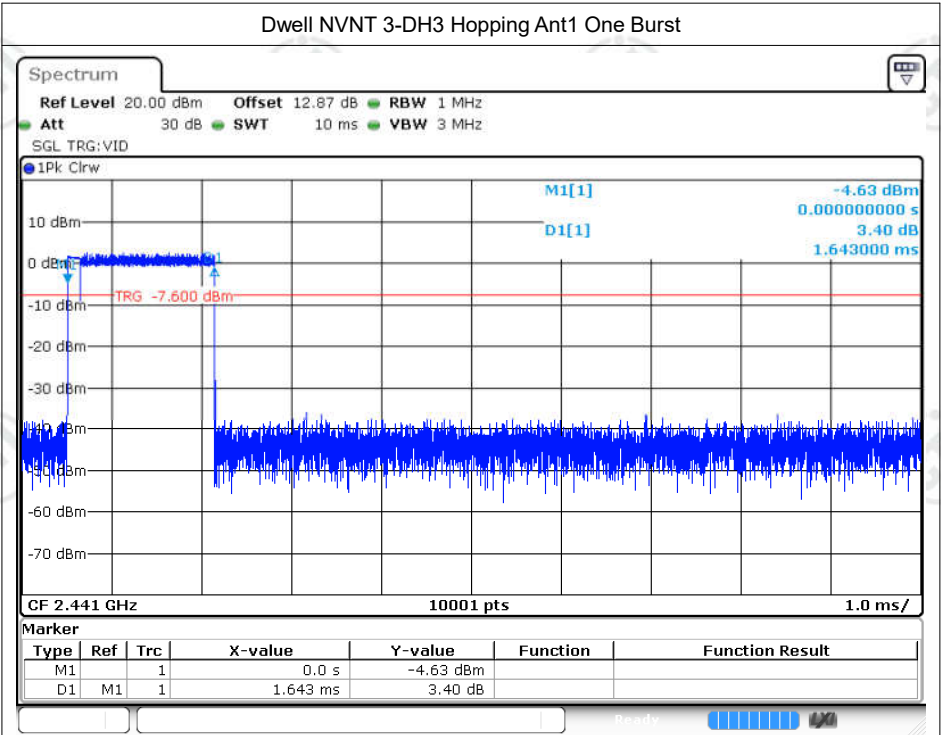
Date: 3.AUG.2024 09:51:58



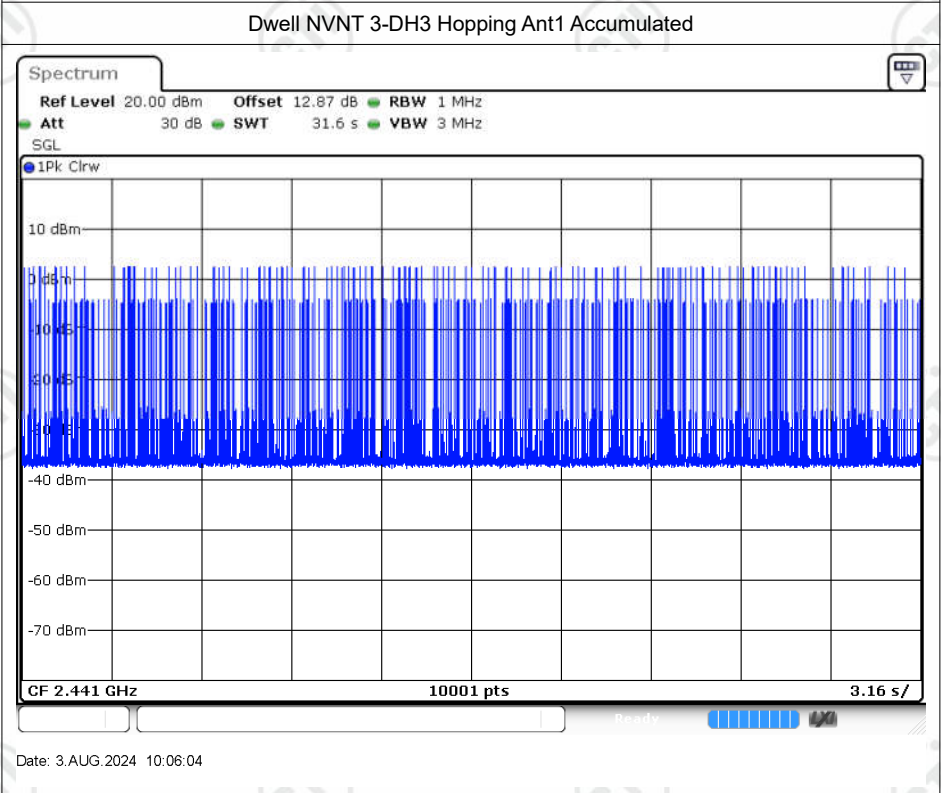
Date: 3.AUG.2024 10:04:12



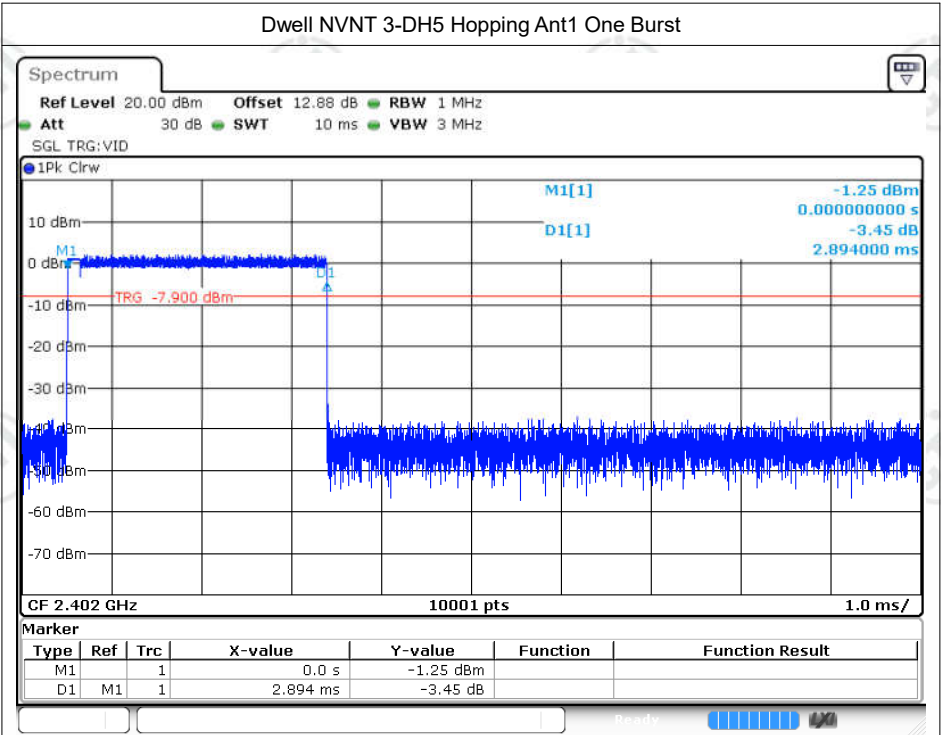
Date: 3.AUG.2024 10:04:45



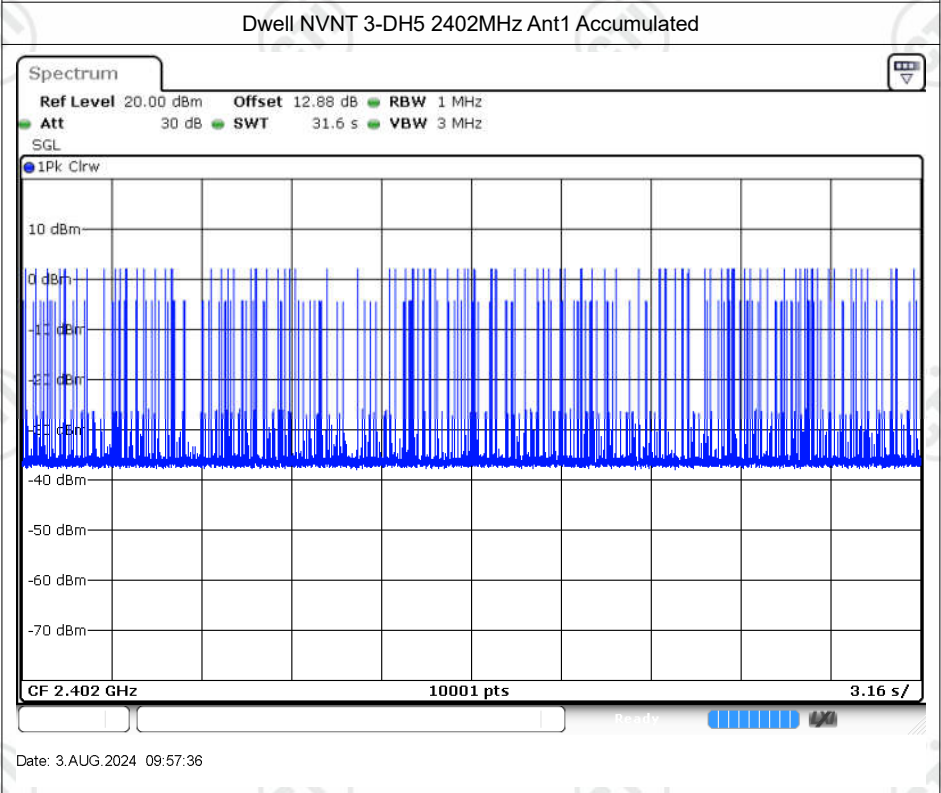
Date: 3.AUG.2024 10:05:31



Date: 3.AUG.2024 10:06:04



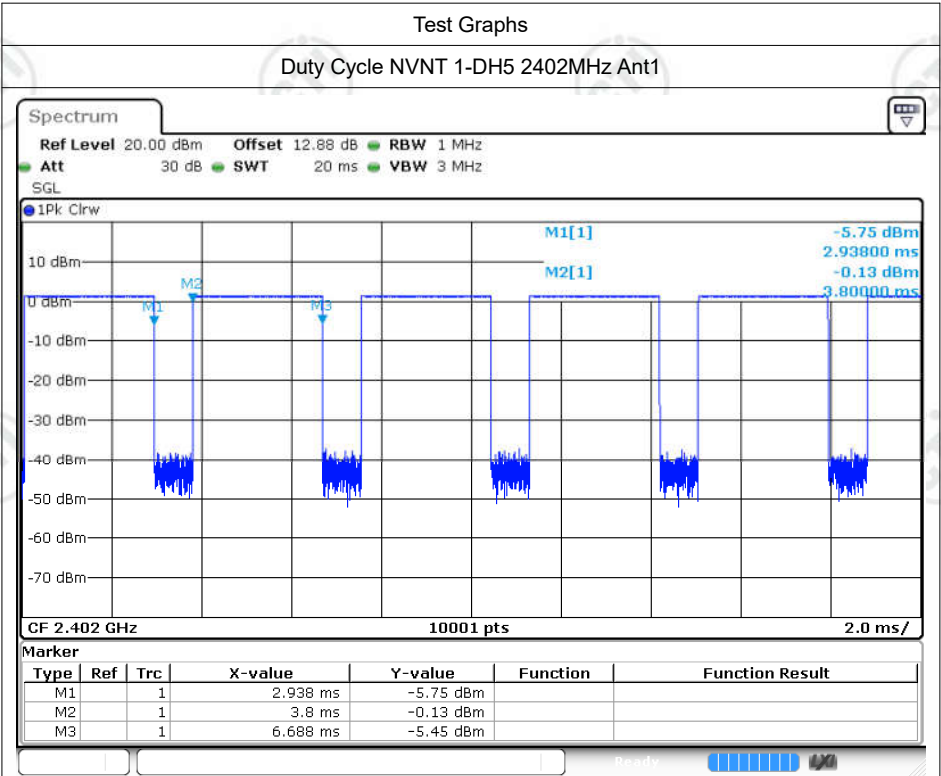
Date: 3.AUG.2024 09:57:03



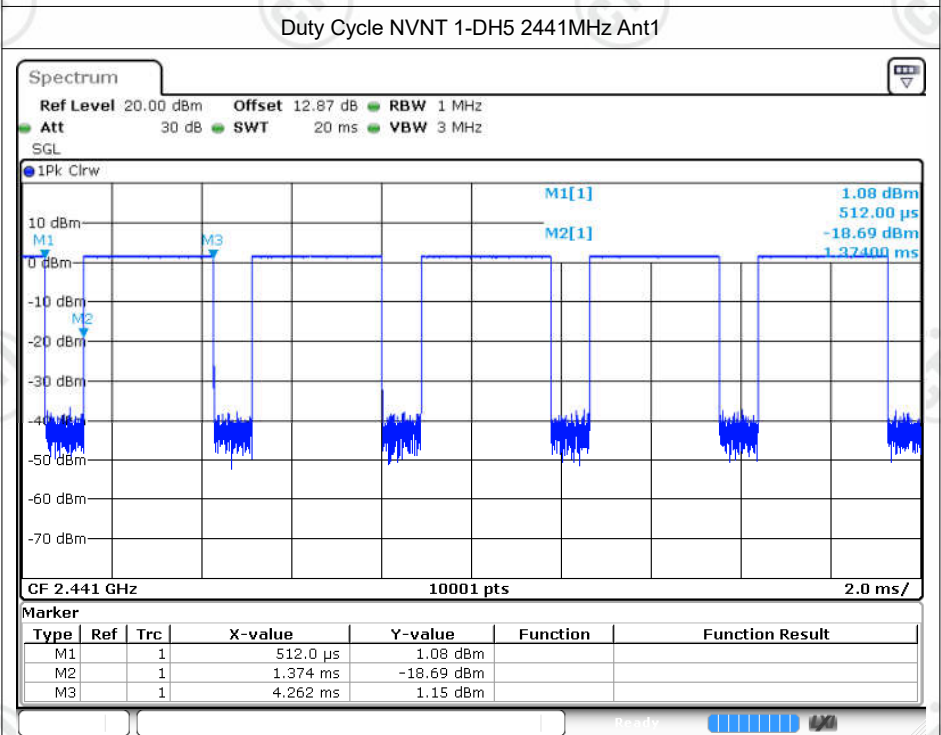
Date: 3.AUG.2024 09:57:36

Duty Cycle

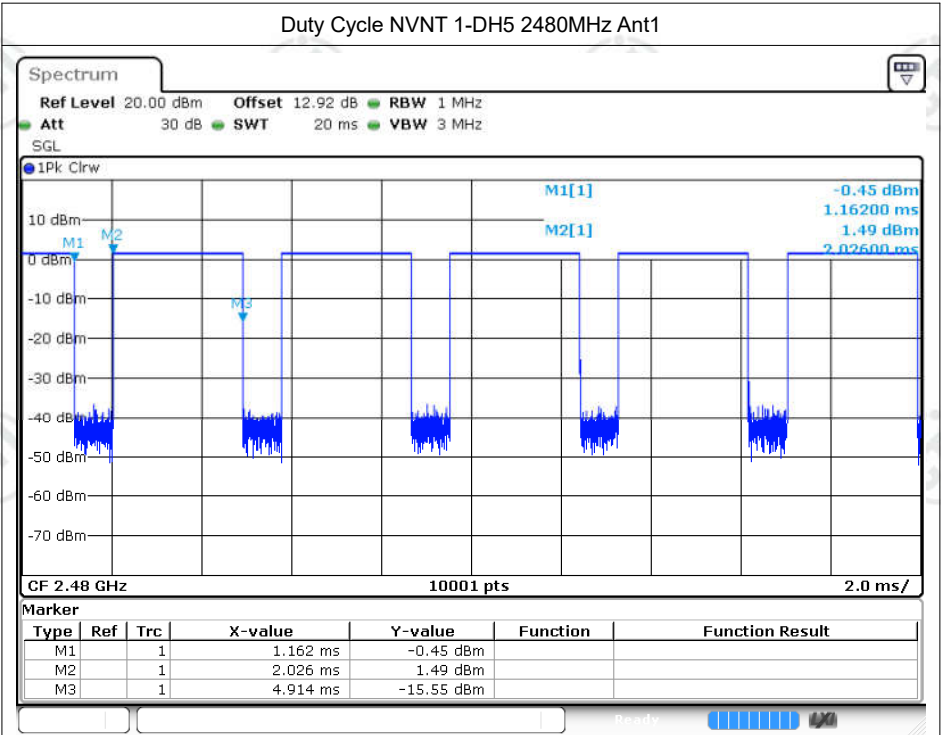
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	77.01	1.13	0.35
NVNT	1-DH5	2441	Ant1	77.01	1.13	0.35
NVNT	1-DH5	2480	Ant1	76.97	1.14	0.35
NVNT	2-DH5	2402	Ant1	77.17	1.13	0.35
NVNT	2-DH5	2441	Ant1	77.12	1.13	0.35
NVNT	2-DH5	2480	Ant1	77.17	1.13	0.35
NVNT	3-DH5	2402	Ant1	77.17	1.13	0.35
NVNT	3-DH5	2441	Ant1	77.2	1.12	0.35
NVNT	3-DH5	2480	Ant1	77.2	1.12	0.35



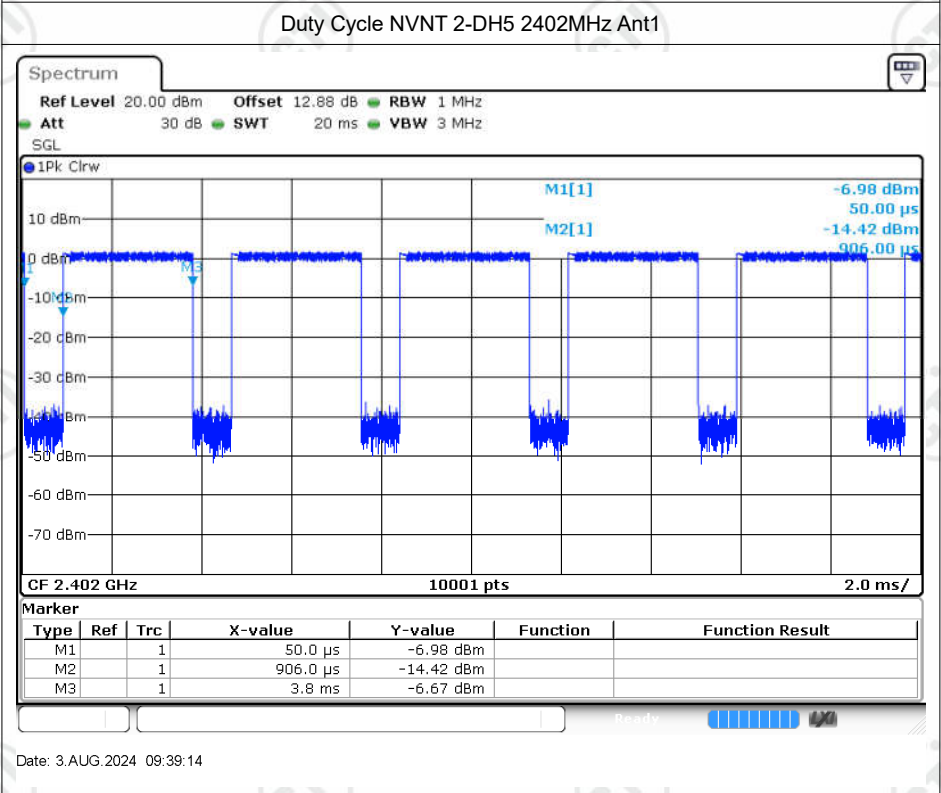
Date: 3.AUG.2024 09:34:45



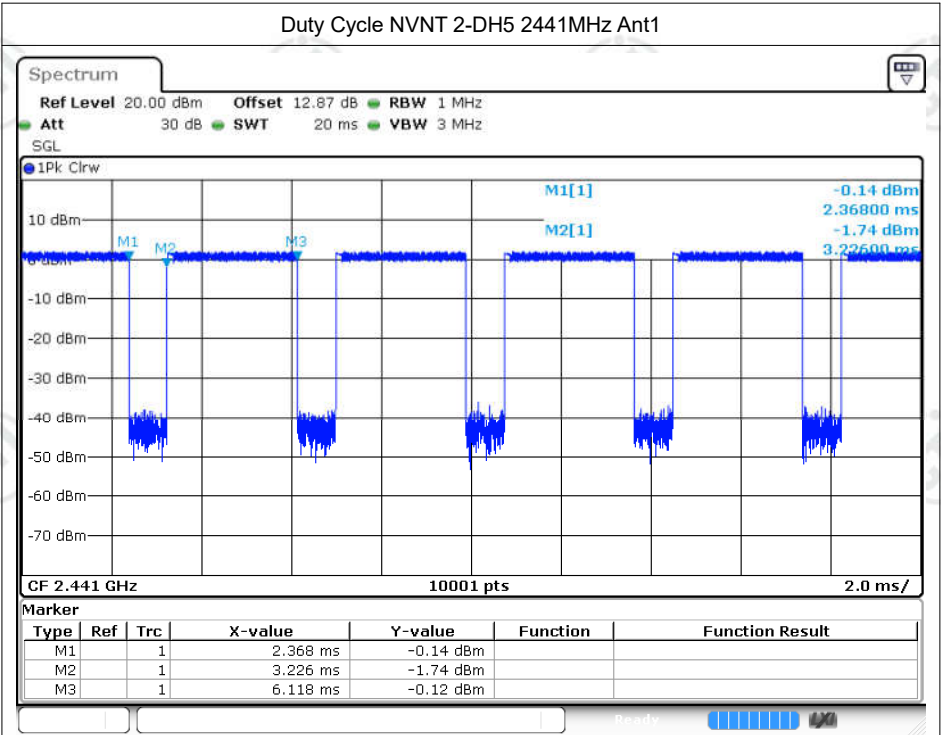
Date: 3.AUG.2024 09:36:50



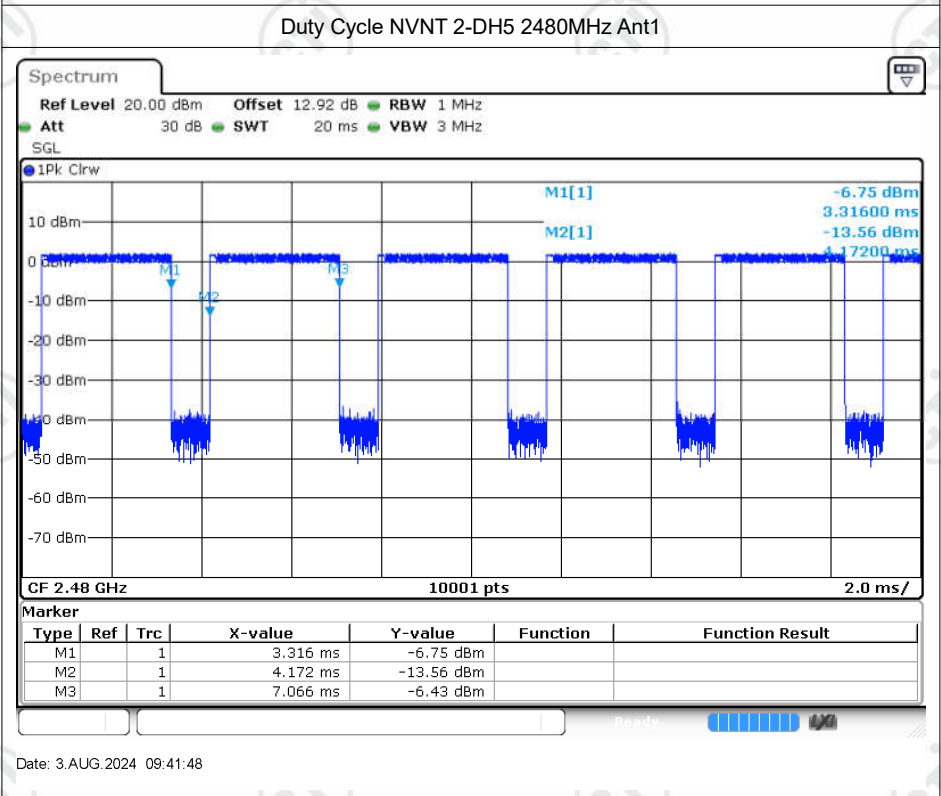
Date: 3.AUG.2024 09:37:55



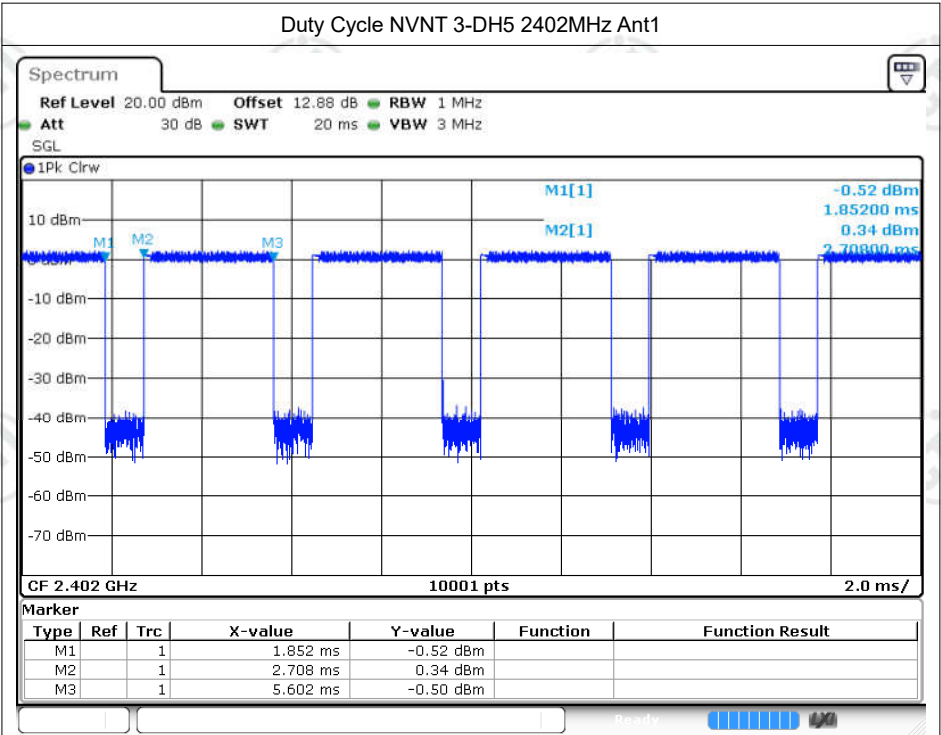
Date: 3.AUG.2024 09:39:14



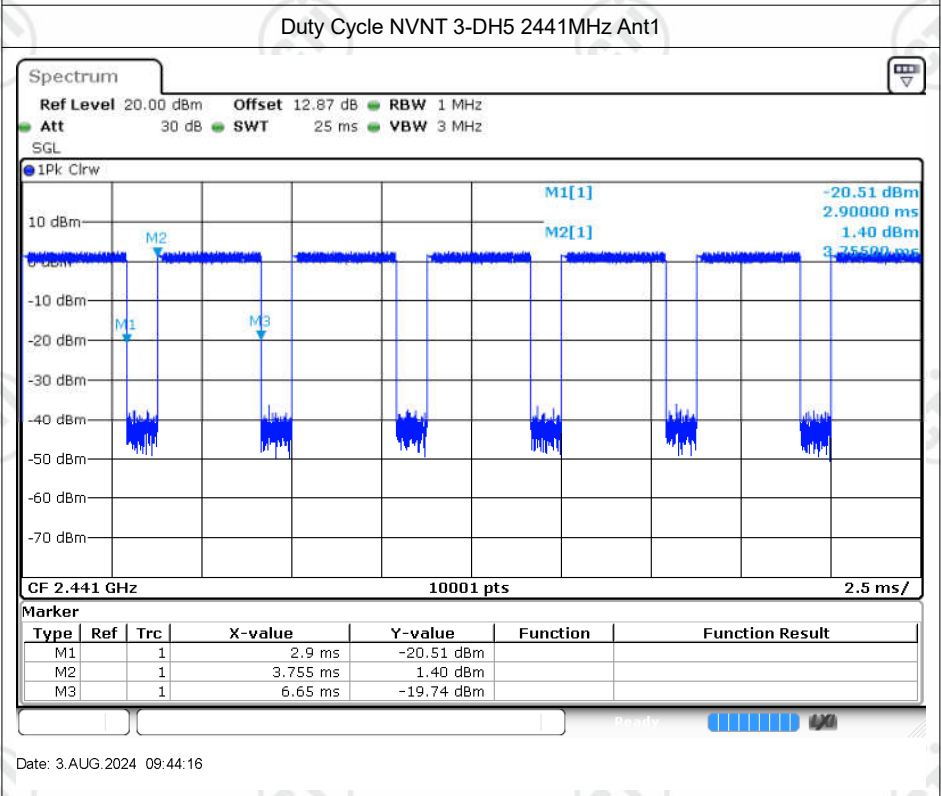
Date: 3.AUG.2024 09:40:31



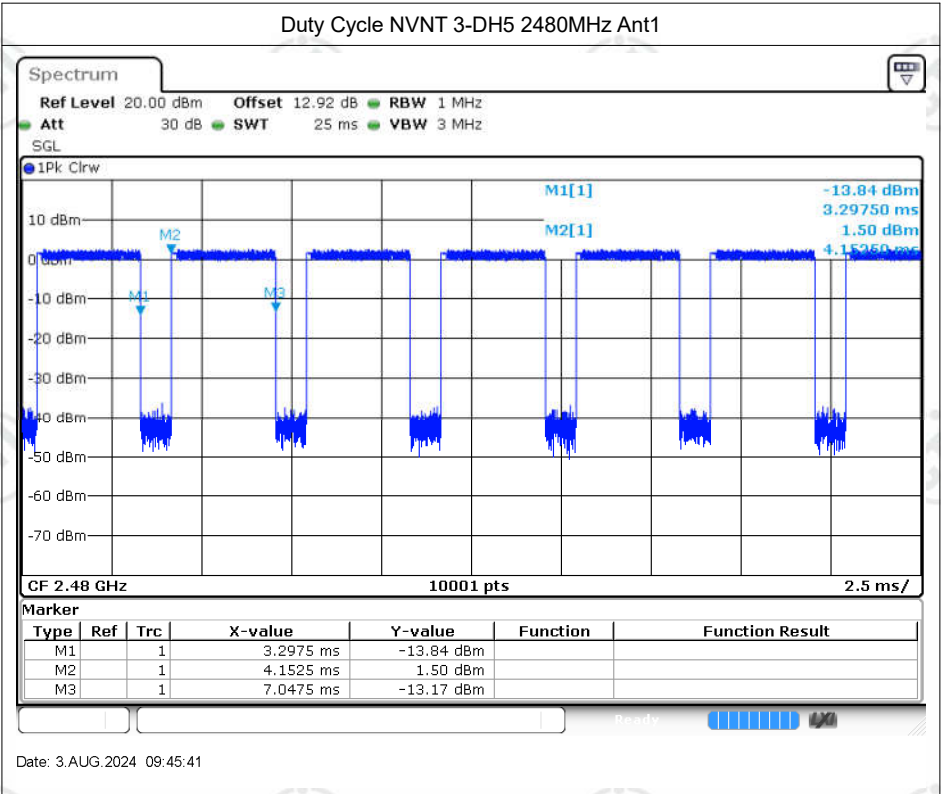
Date: 3.AUG.2024 09:41:48



Date: 3.AUG.2024 09:43:02

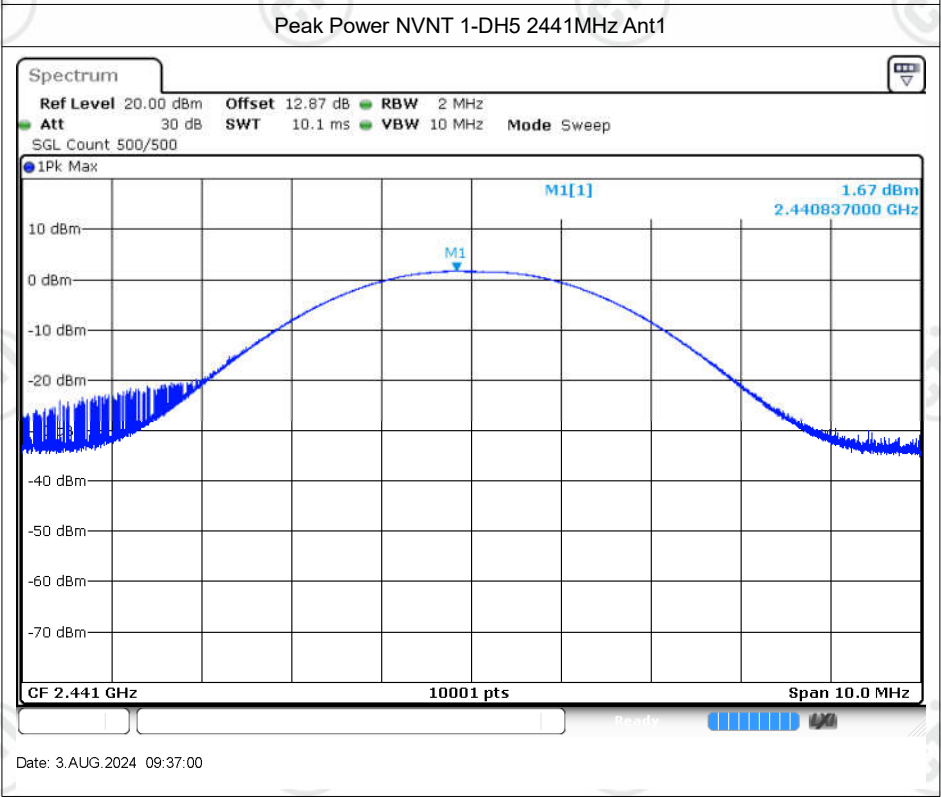
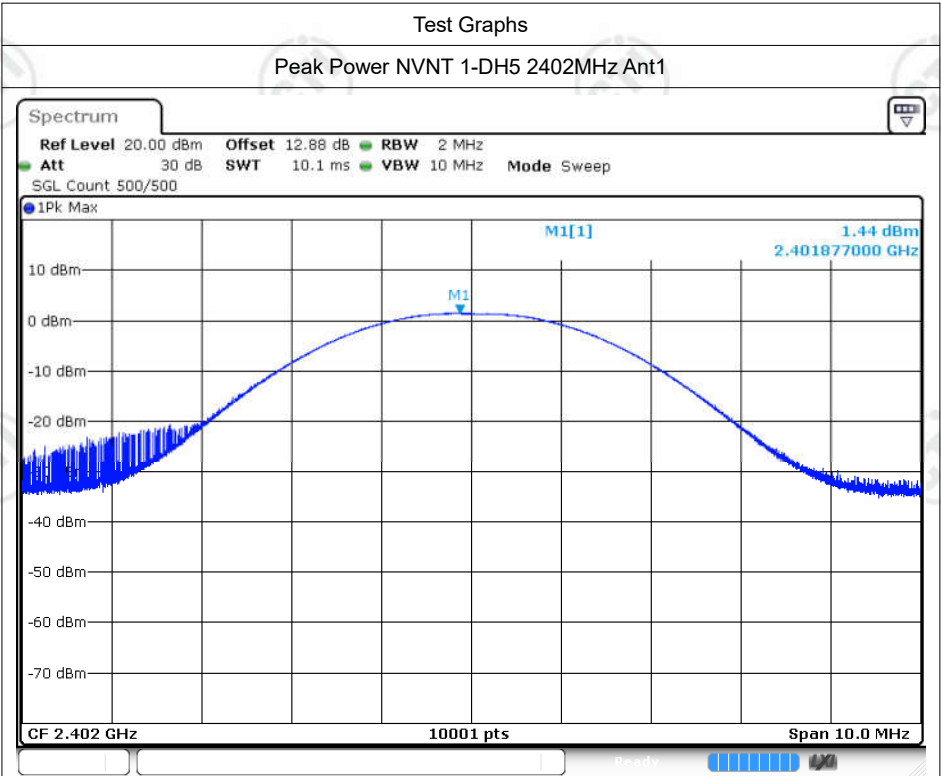


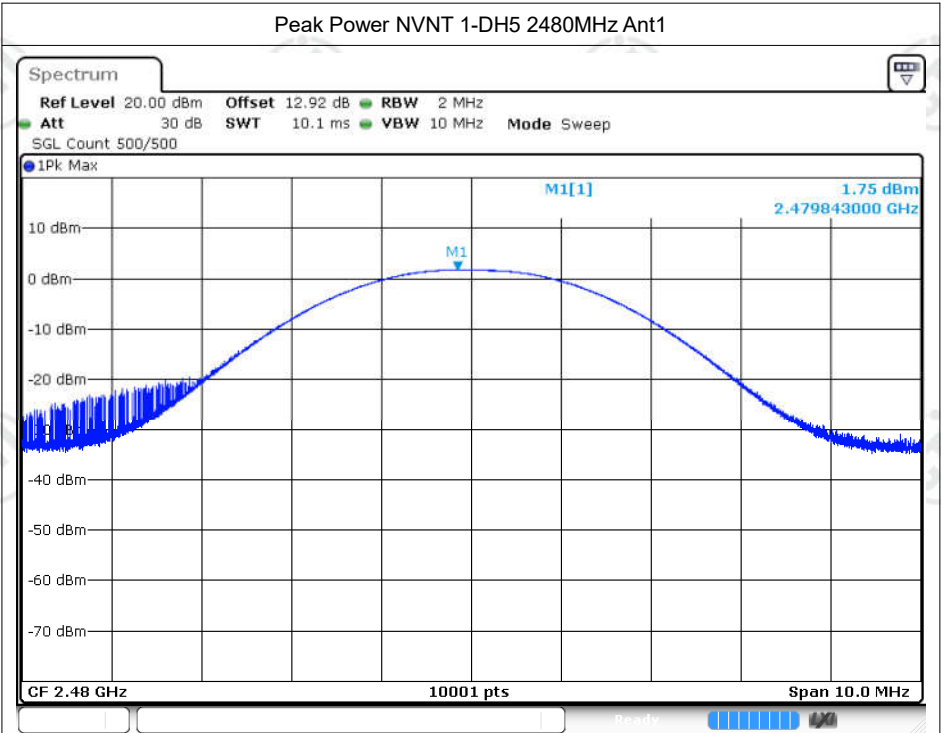
Date: 3.AUG.2024 09:44:16



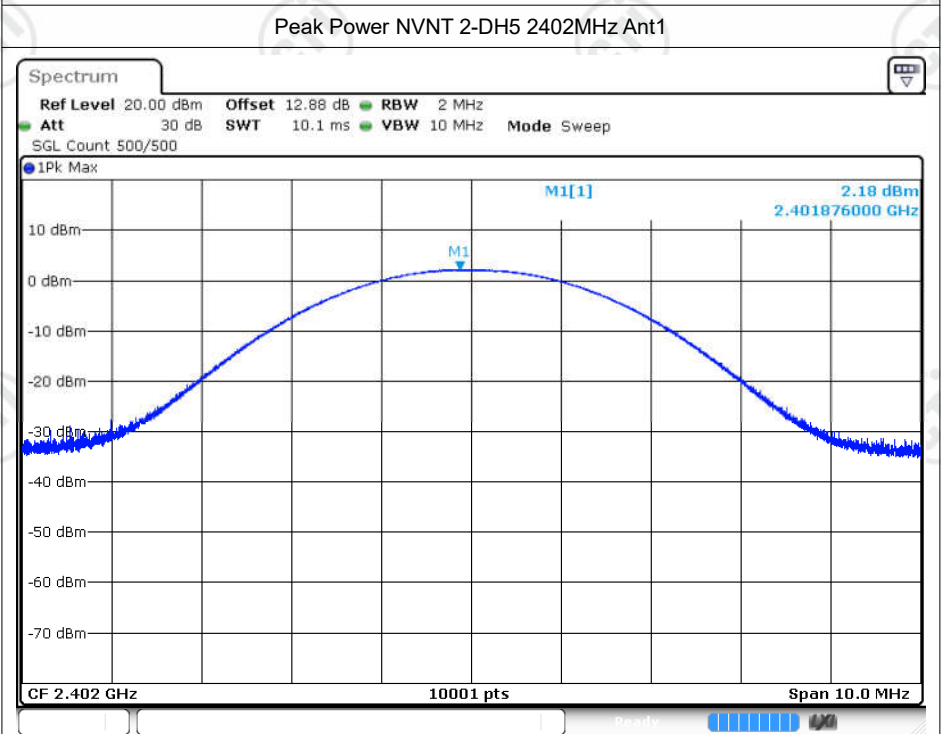
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	1.44	21	Pass
NVNT	1-DH5	2441	Ant1	1.67	21	Pass
NVNT	1-DH5	2480	Ant1	1.75	21	Pass
NVNT	2-DH5	2402	Ant1	2.18	21	Pass
NVNT	2-DH5	2441	Ant1	2.46	21	Pass
NVNT	2-DH5	2480	Ant1	2.56	21	Pass
NVNT	3-DH5	2402	Ant1	2.56	21	Pass
NVNT	3-DH5	2441	Ant1	2.86	21	Pass
NVNT	3-DH5	2480	Ant1	2.94	21	Pass

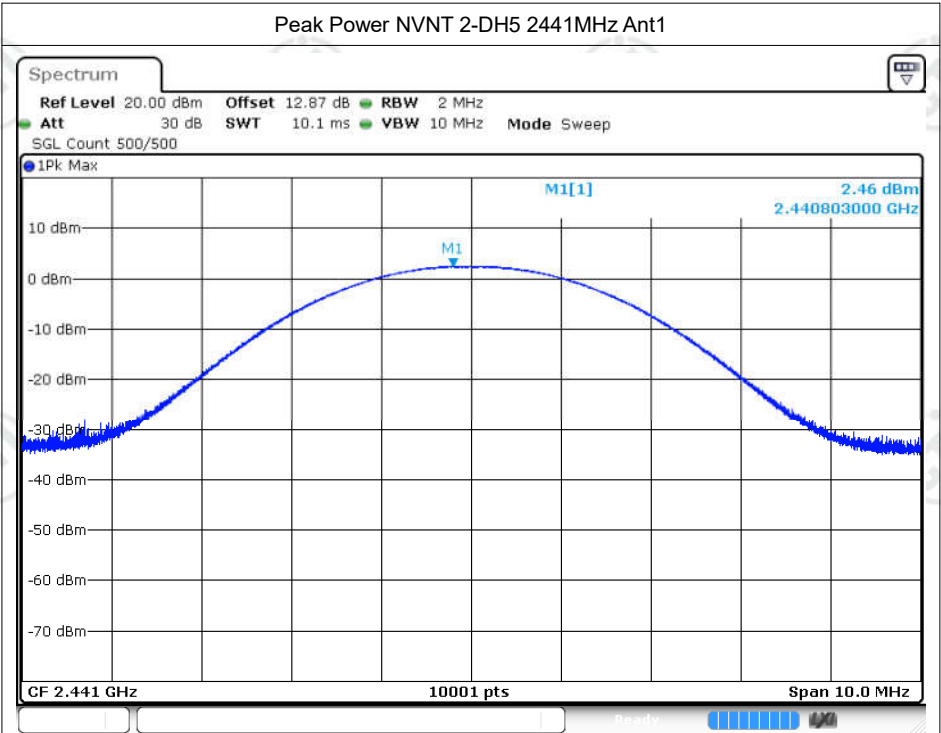




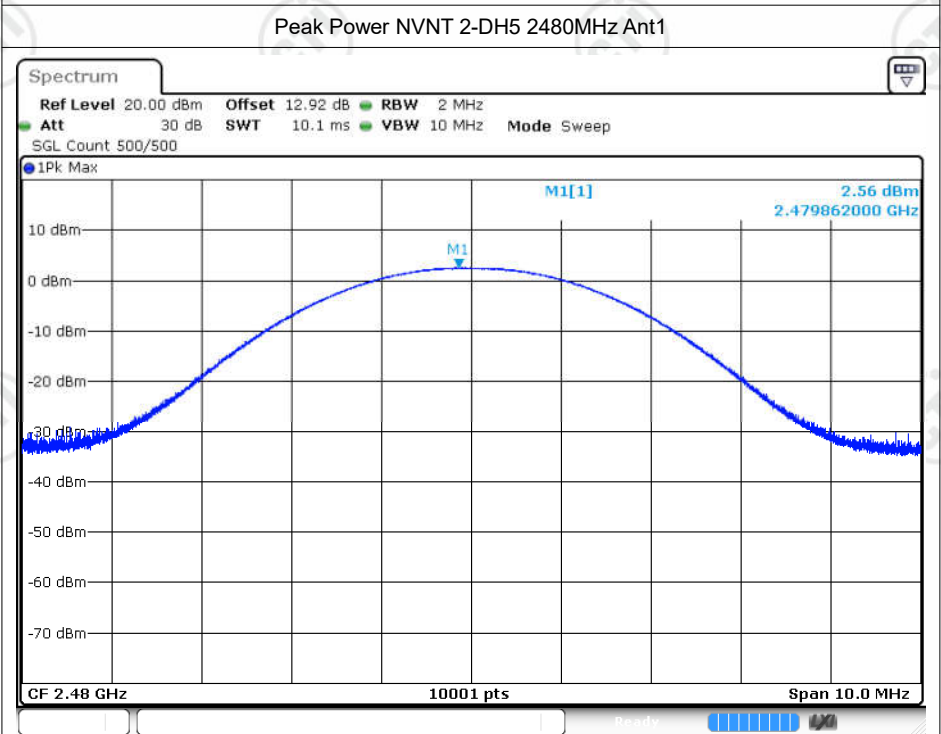
Date: 3.AUG.2024 09:38:05



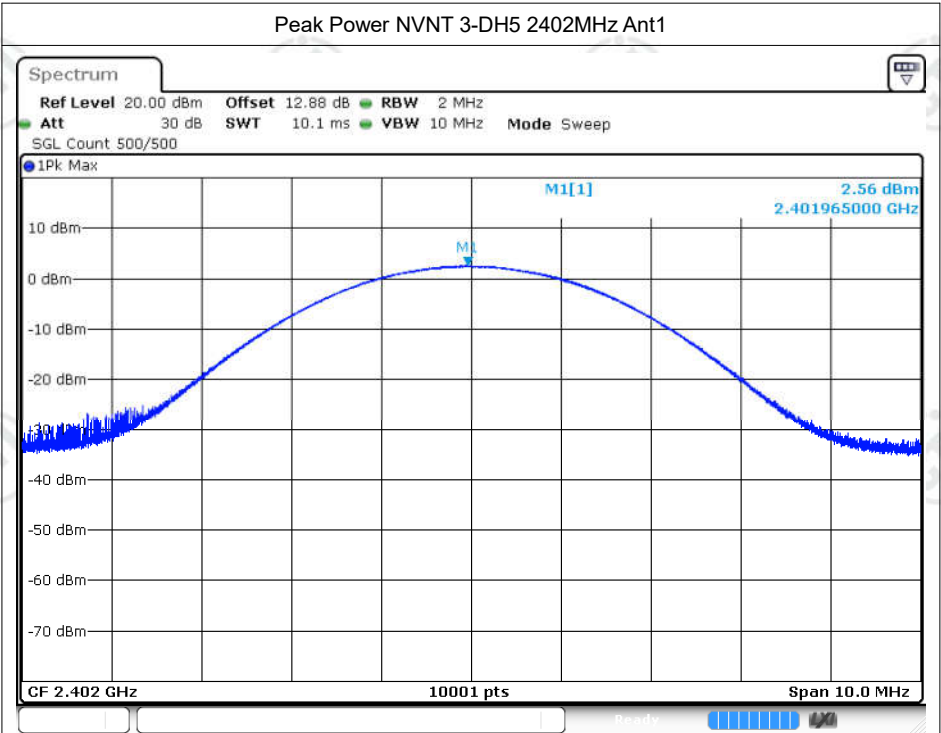
Date: 3.AUG.2024 09:39:24



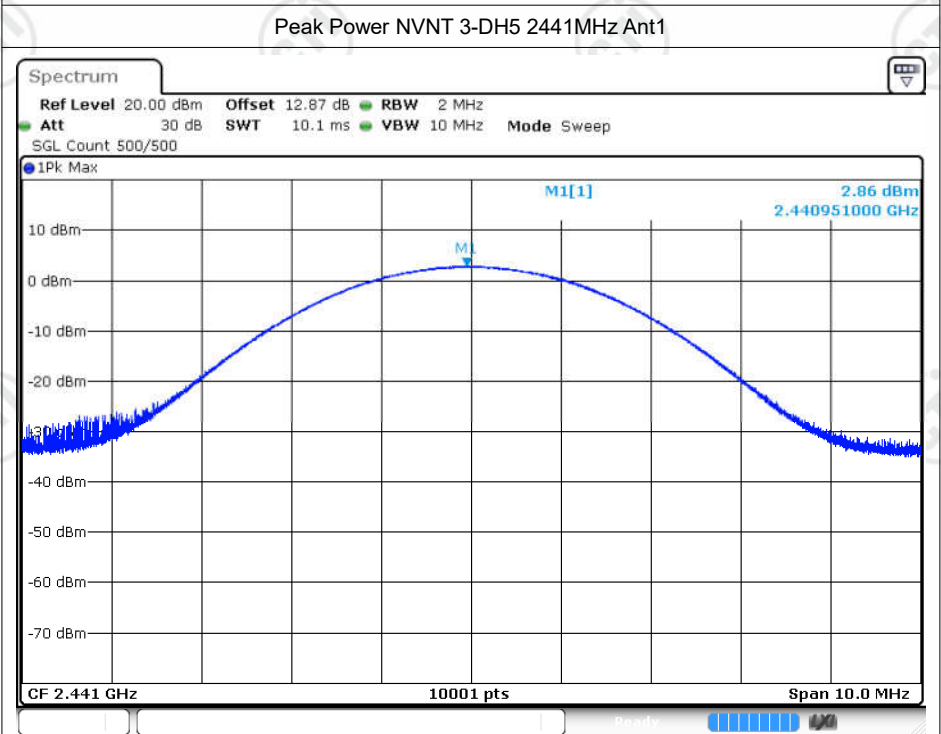
Date: 3.AUG.2024 09:40:41



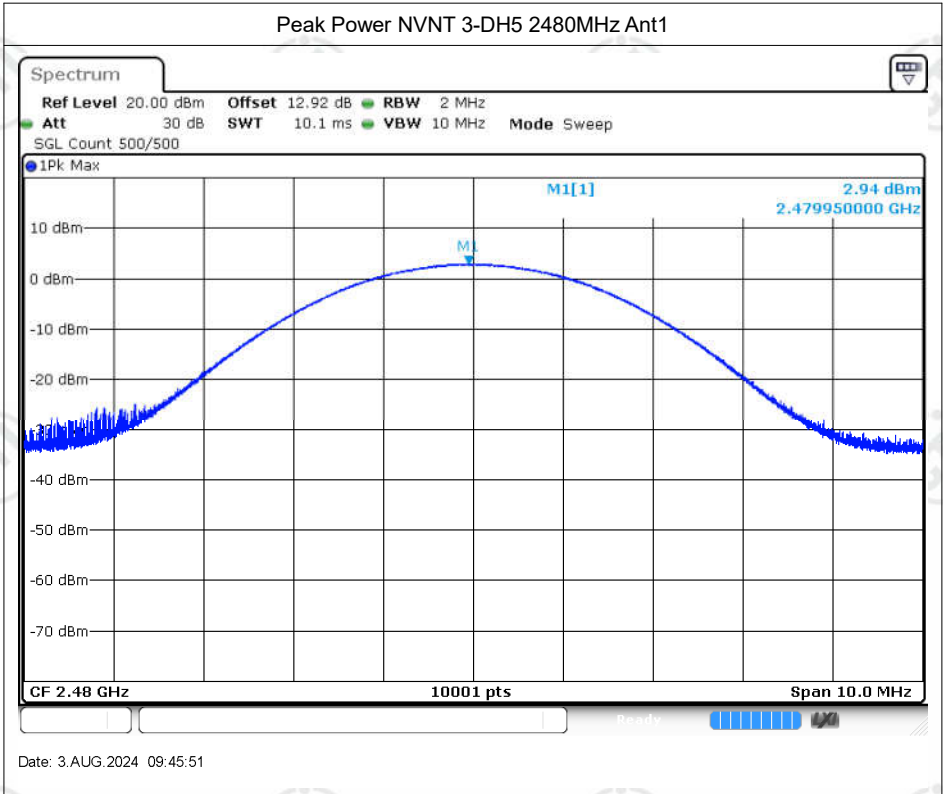
Date: 3.AUG.2024 09:41:58



Date: 3.AUG.2024 09:43:12

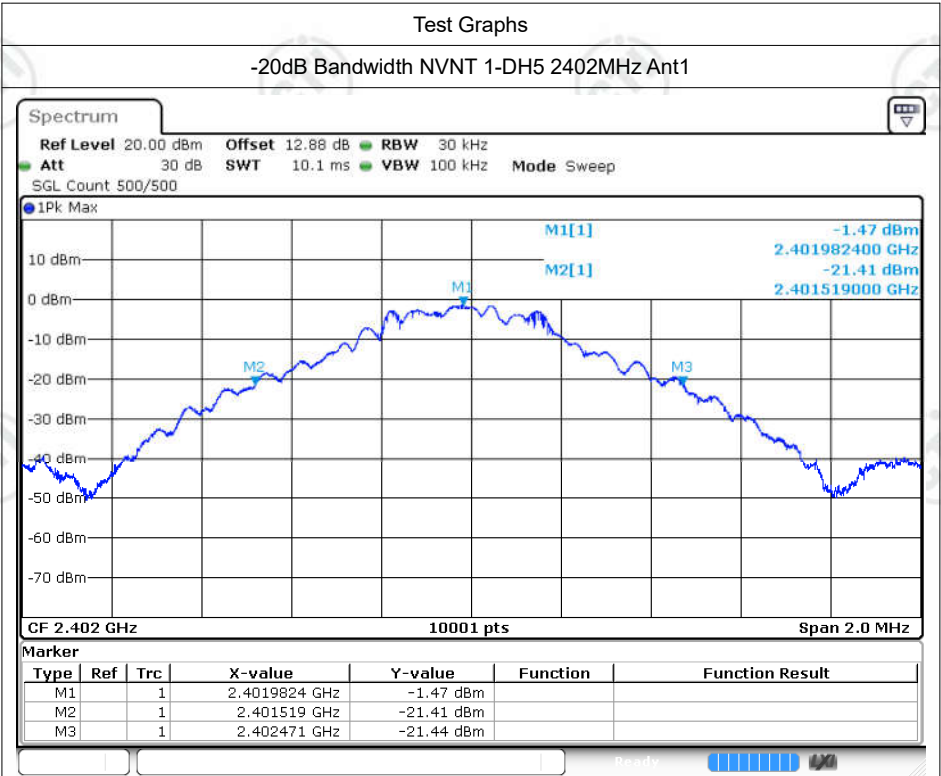


Date: 3.AUG.2024 09:44:26

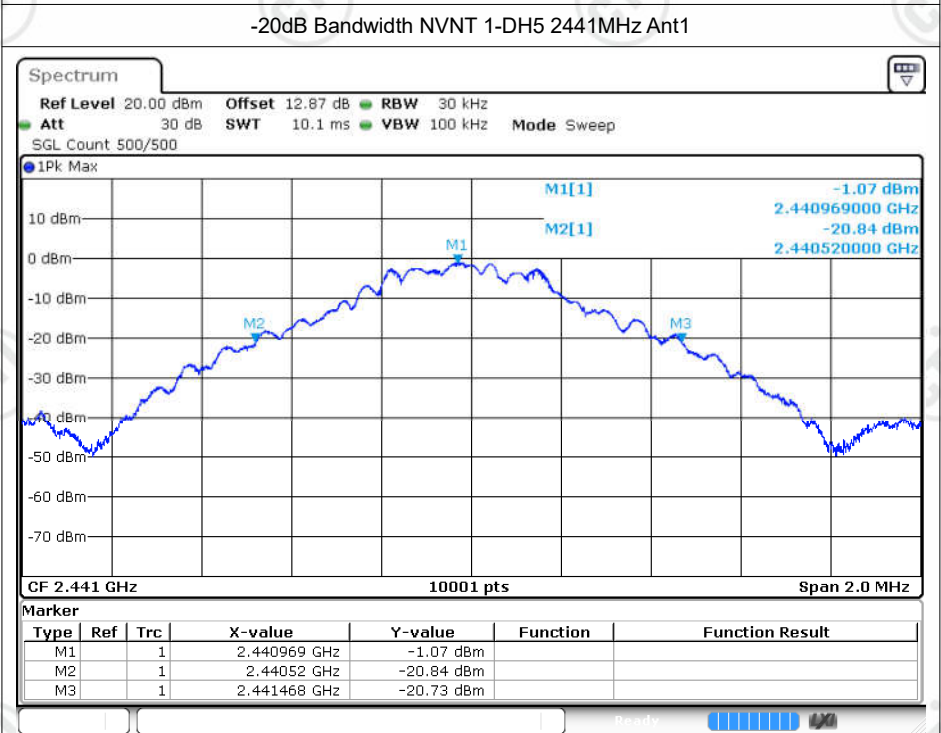


-20dB Bandwidth

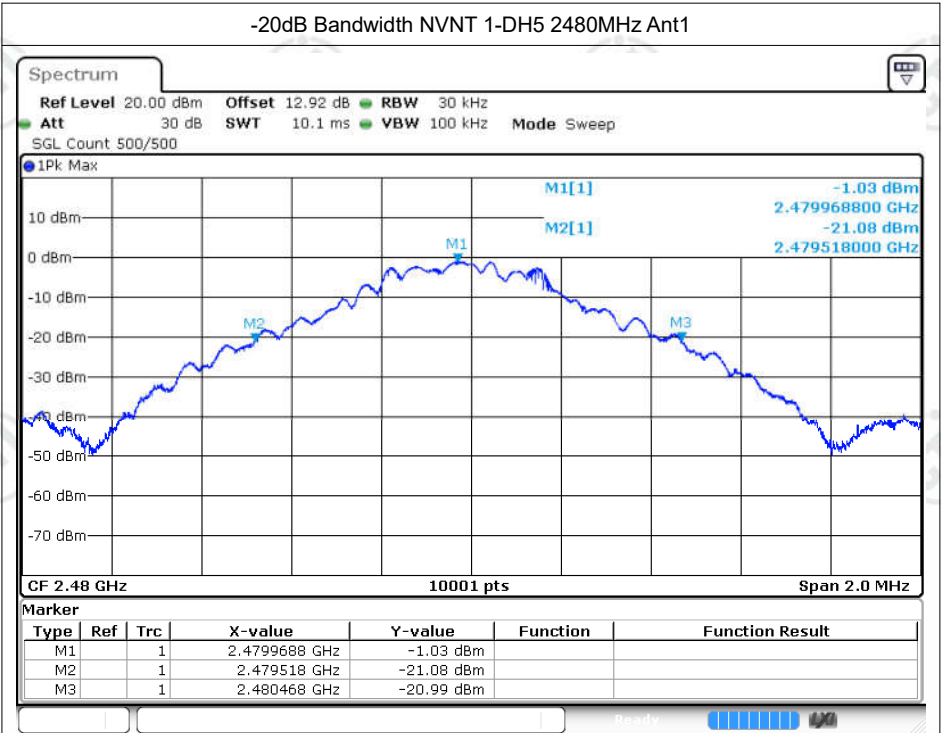
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.952	0	Pass
NVNT	1-DH5	2441	Ant1	0.949	0	Pass
NVNT	1-DH5	2480	Ant1	0.951	0	Pass
NVNT	2-DH5	2402	Ant1	1.28	0	Pass
NVNT	2-DH5	2441	Ant1	1.28	0	Pass
NVNT	2-DH5	2480	Ant1	1.281	0	Pass
NVNT	3-DH5	2402	Ant1	1.292	0	Pass
NVNT	3-DH5	2441	Ant1	1.293	0	Pass
NVNT	3-DH5	2480	Ant1	1.293	0	Pass



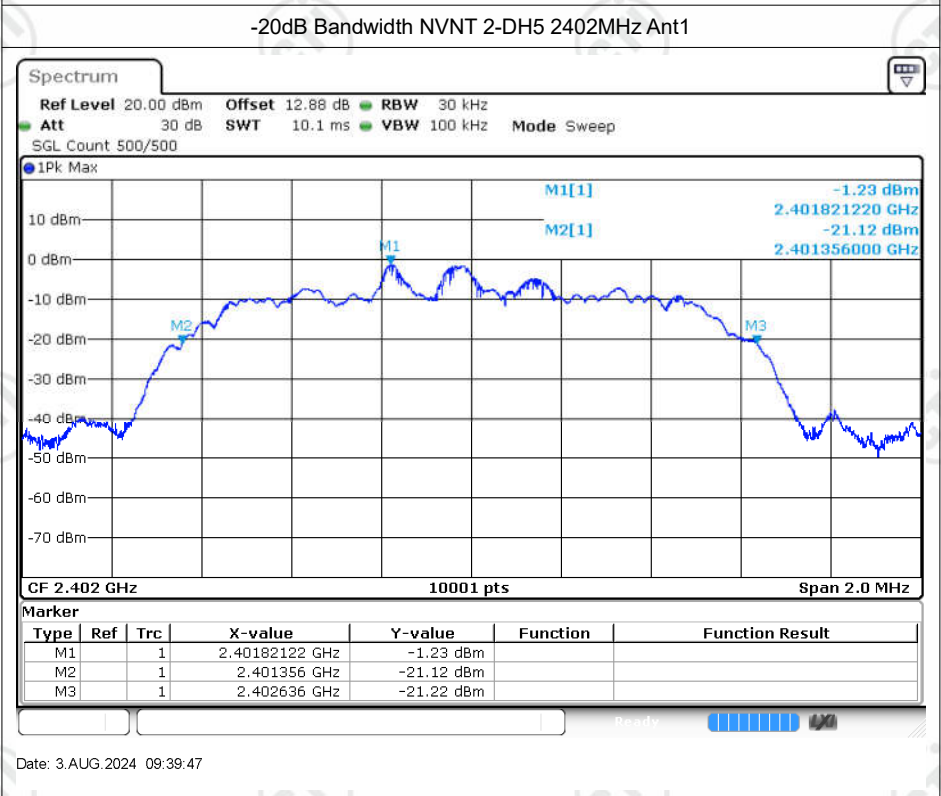
Date: 3.AUG.2024 09:35:18



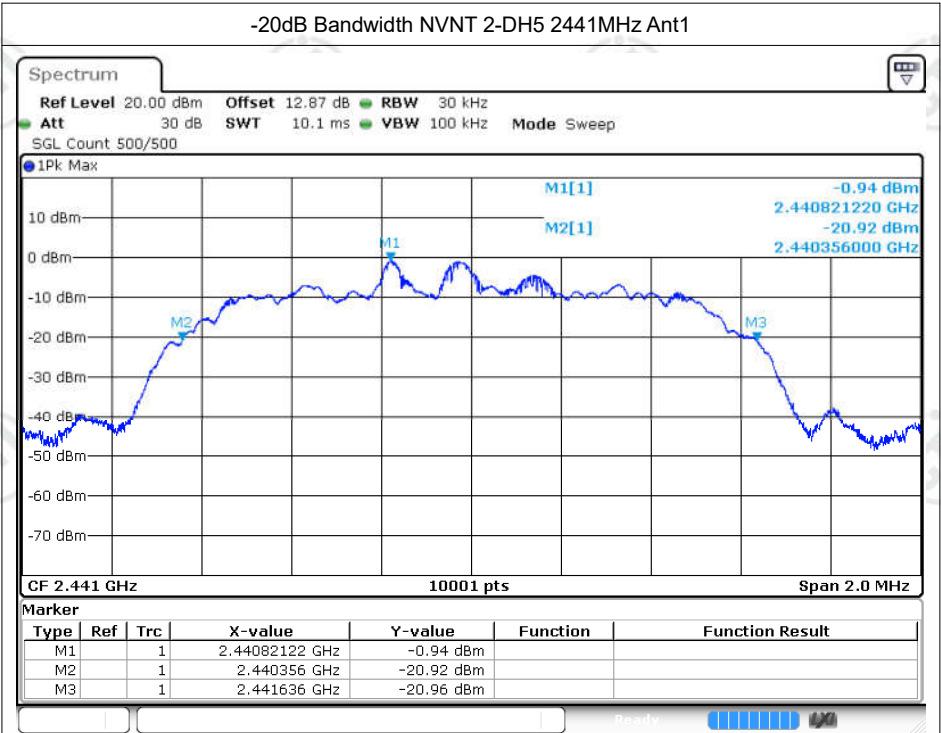
Date: 3.AUG.2024 09:37:23



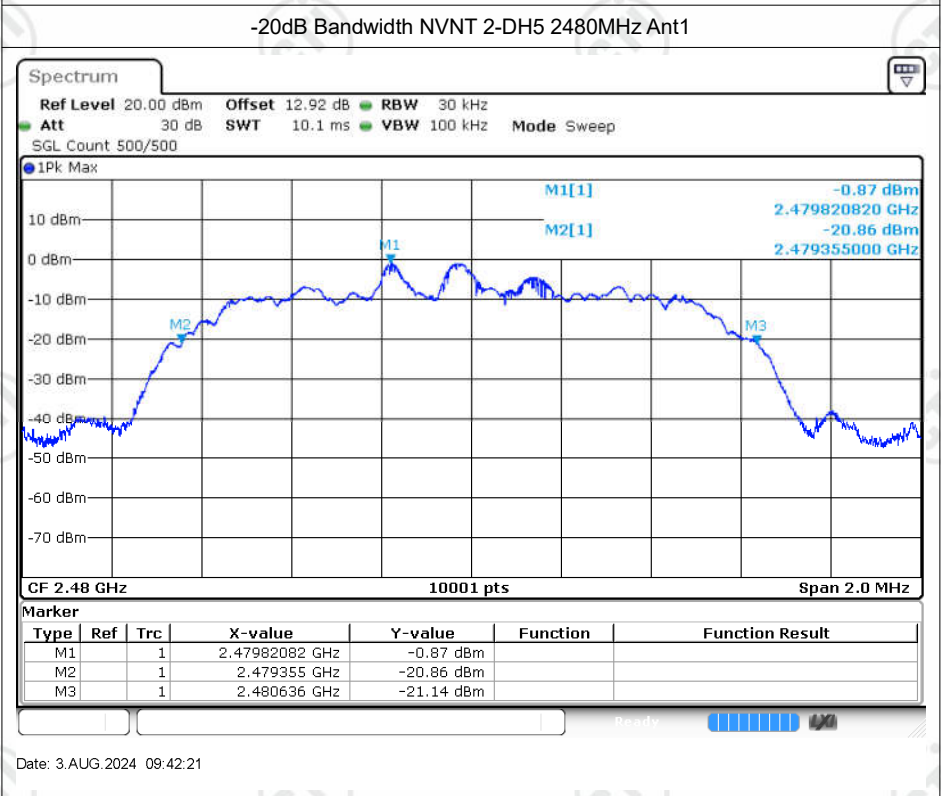
Date: 3.AUG.2024 09:38:28



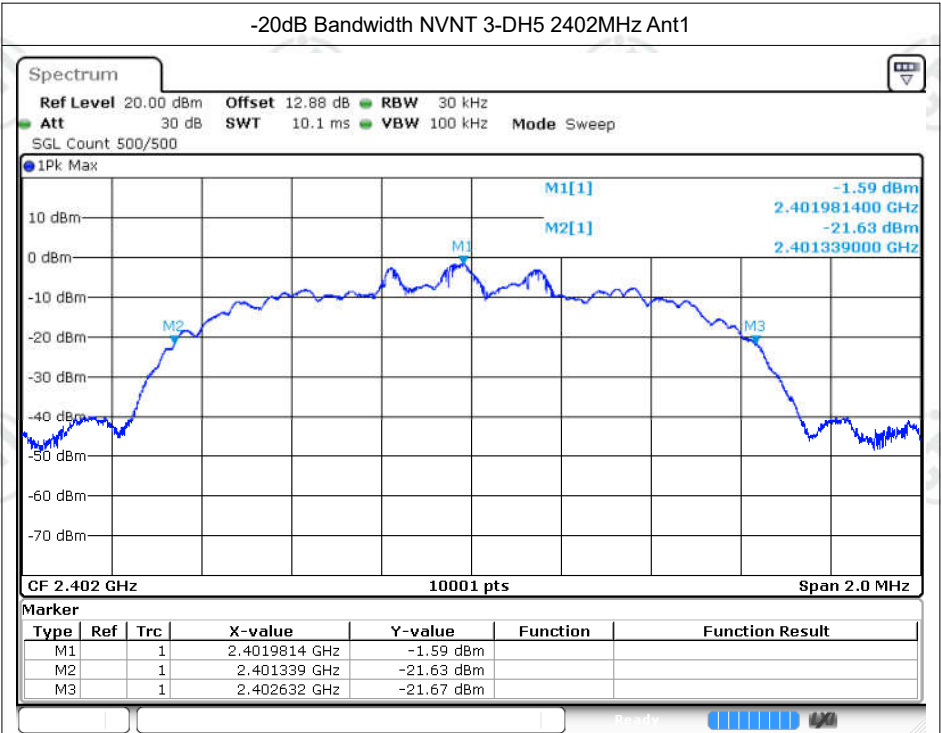
Date: 3.AUG.2024 09:39:47



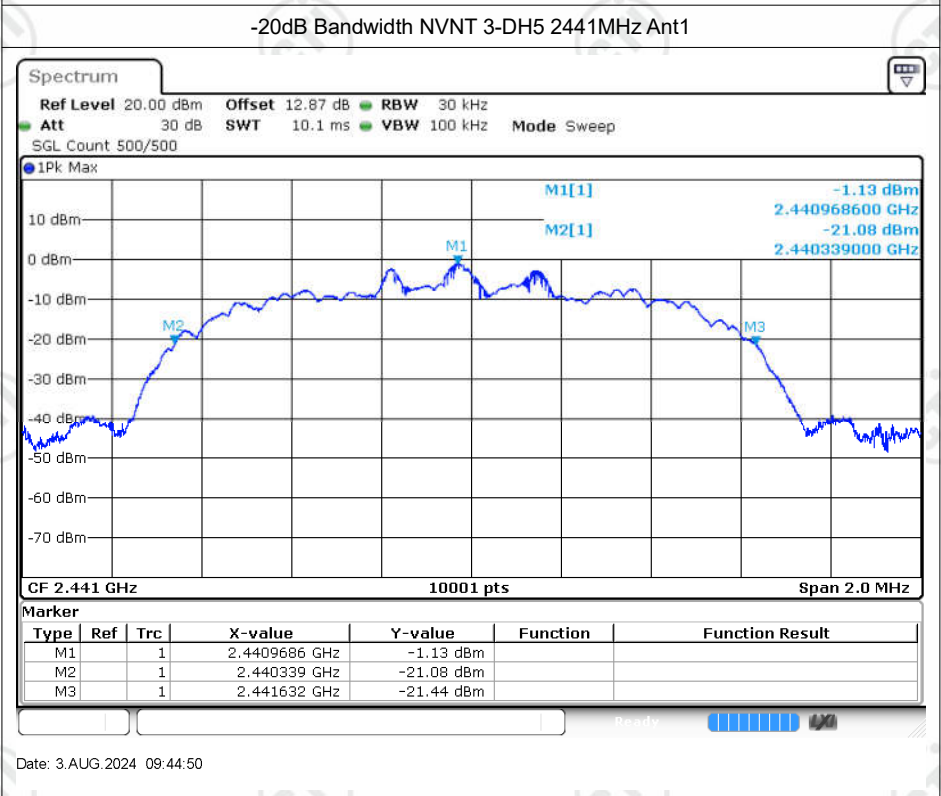
Date: 3.AUG.2024 09:41:04



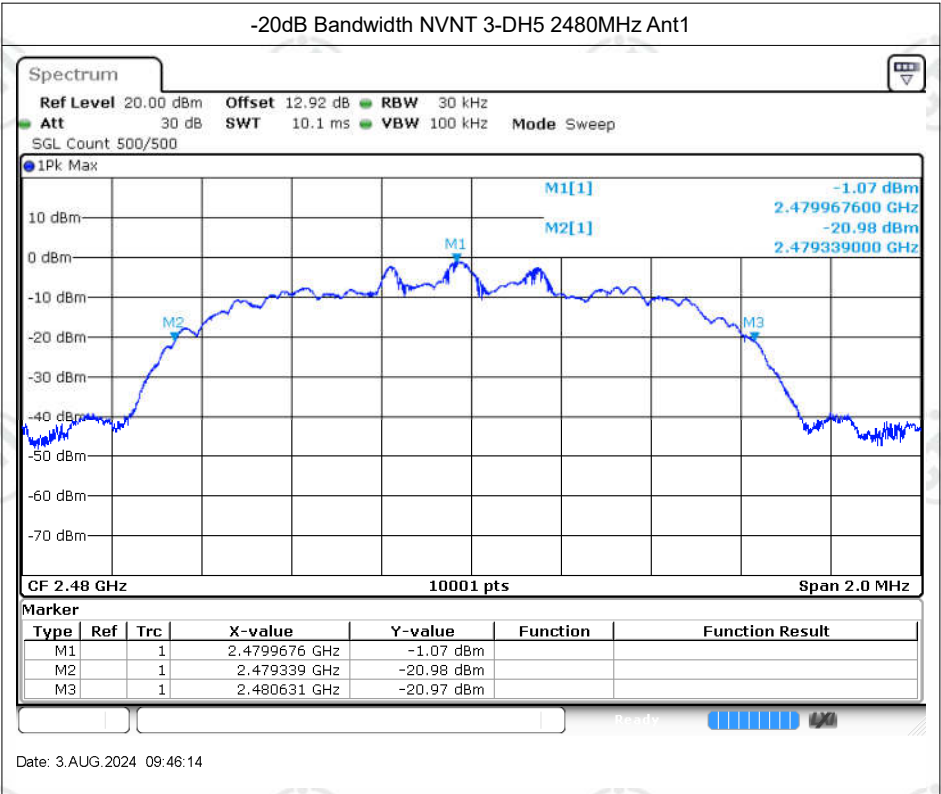
Date: 3.AUG.2024 09:42:21



Date: 3.AUG.2024 09:43:35

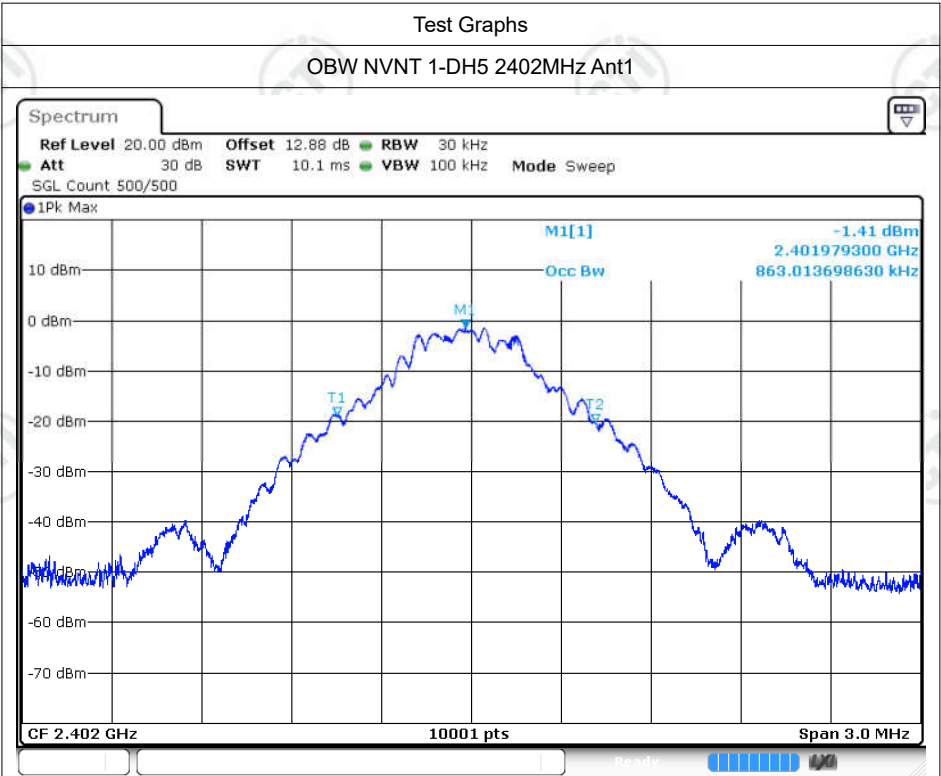


Date: 3.AUG.2024 09:44:50

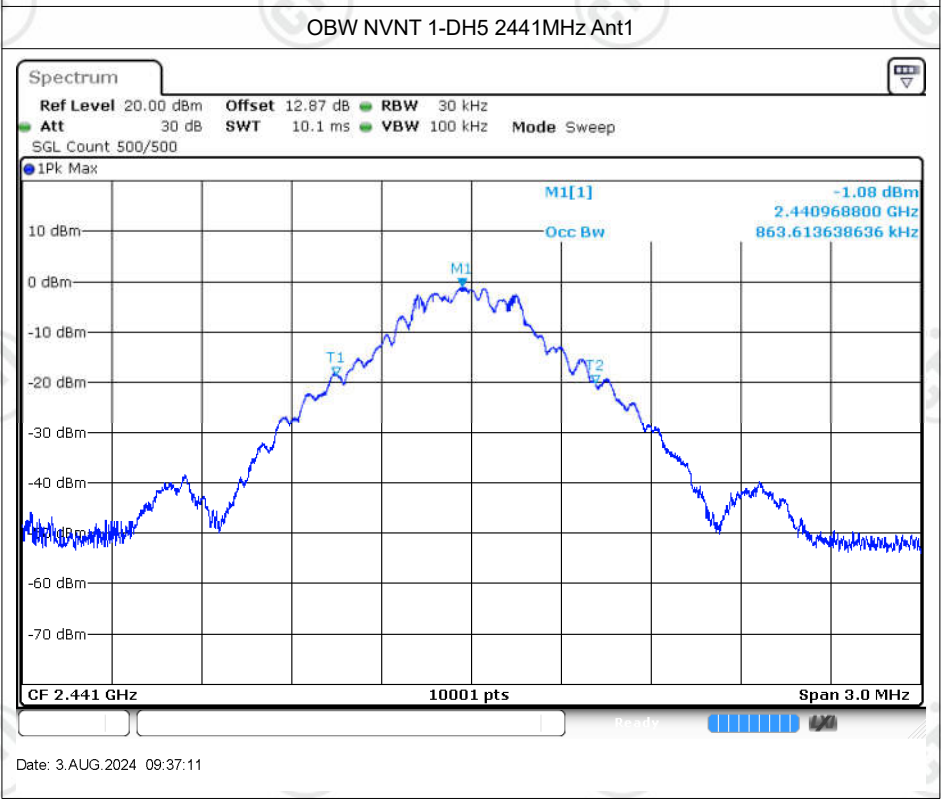


Occupied Channel Bandwidth

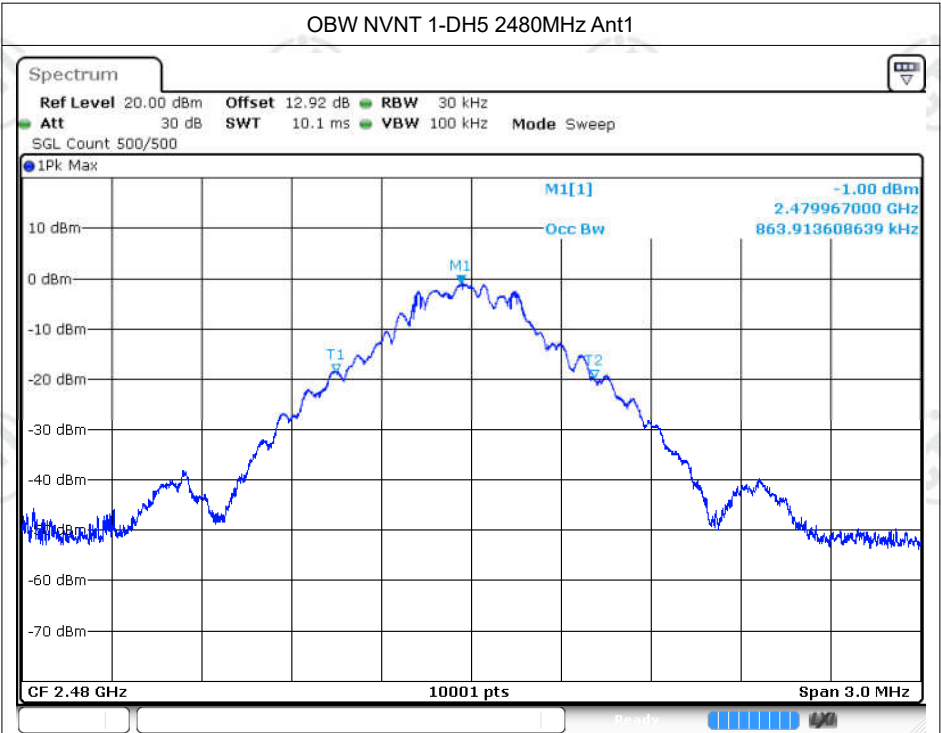
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.863
NVNT	1-DH5	2441	Ant1	0.864
NVNT	1-DH5	2480	Ant1	0.864
NVNT	2-DH5	2402	Ant1	1.171
NVNT	2-DH5	2441	Ant1	1.171
NVNT	2-DH5	2480	Ant1	1.173
NVNT	3-DH5	2402	Ant1	1.177
NVNT	3-DH5	2441	Ant1	1.178
NVNT	3-DH5	2480	Ant1	1.179



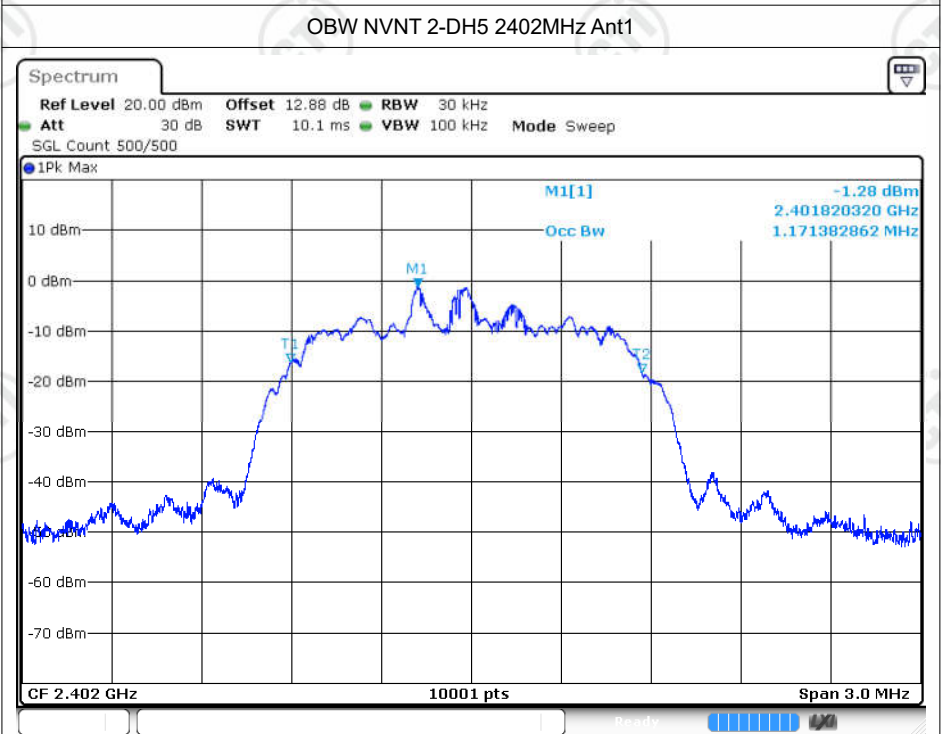
Date: 3.AUG.2024 09:35:06



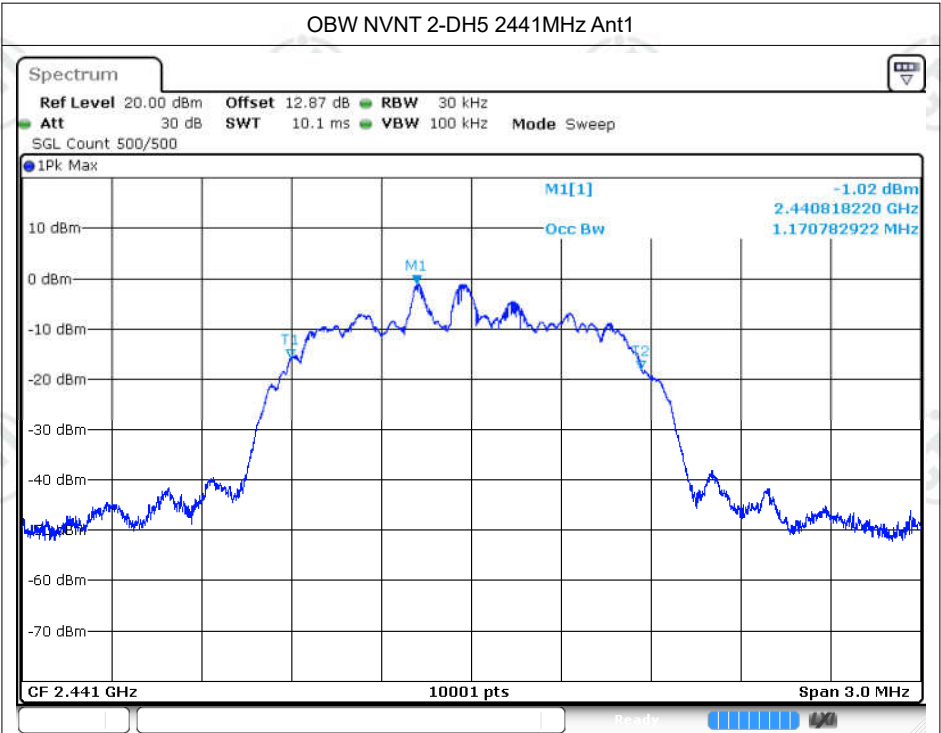
Date: 3.AUG.2024 09:37:11



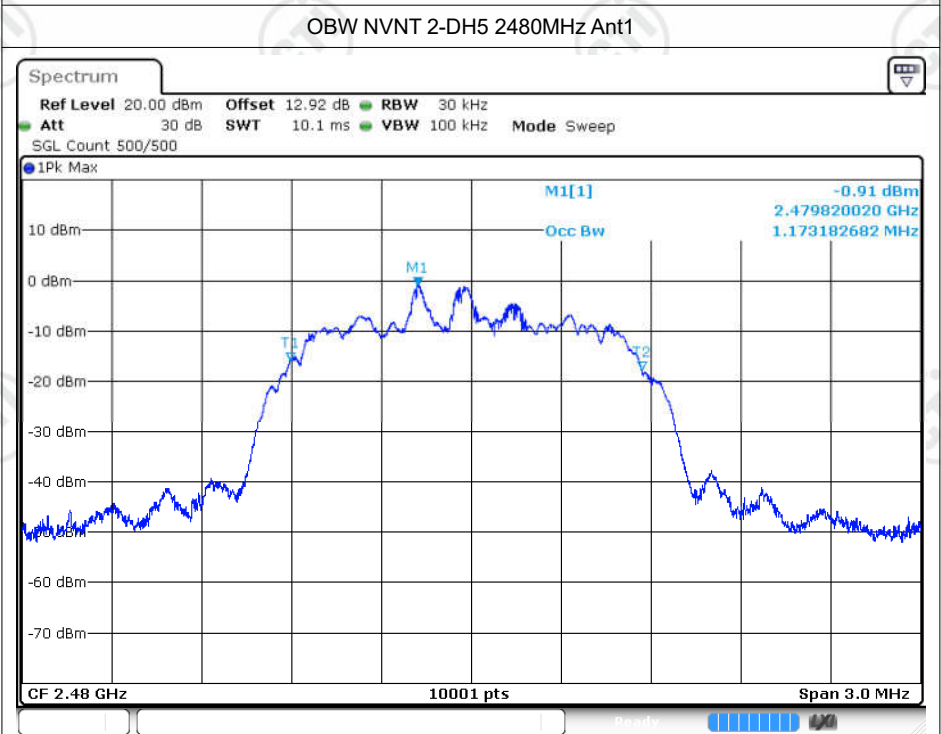
Date: 3.AUG.2024 09:38:16



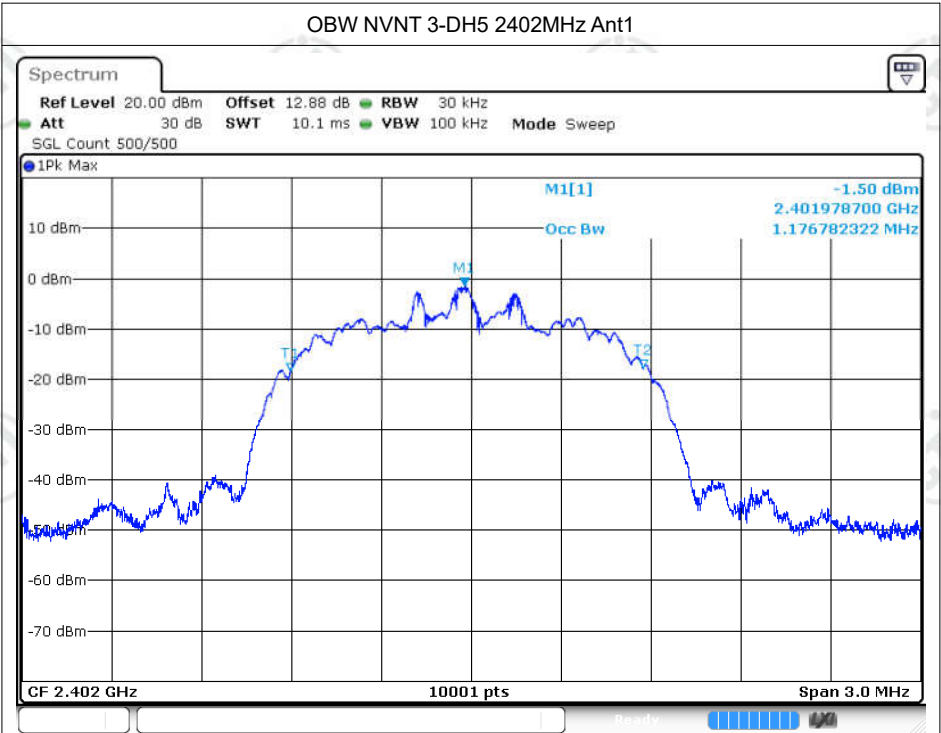
Date: 3.AUG.2024 09:39:35



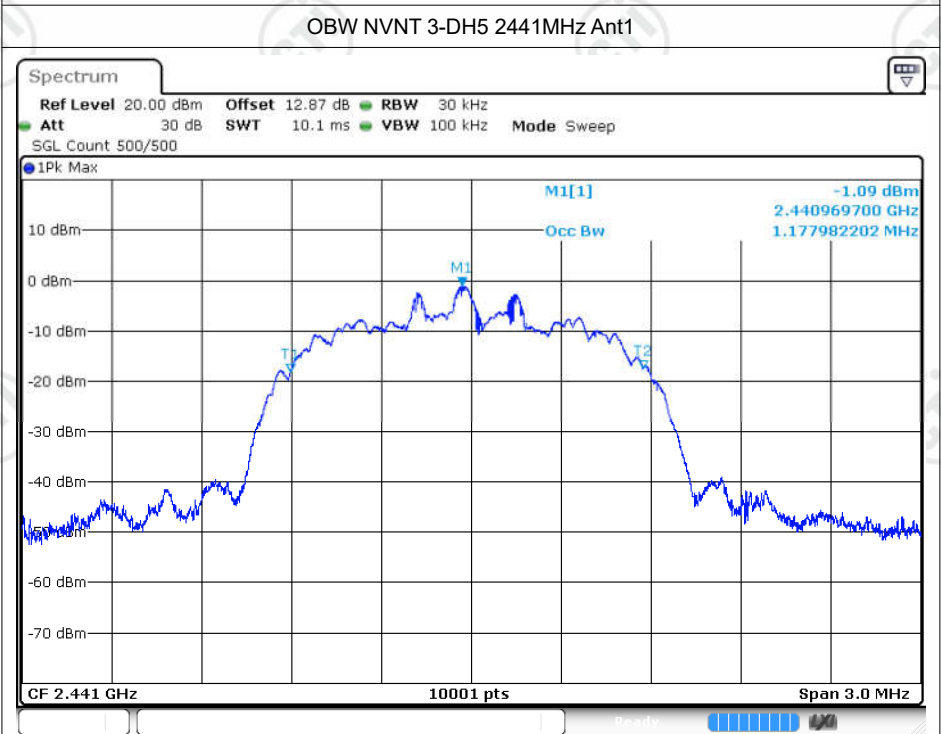
Date: 3.AUG.2024 09:40:52



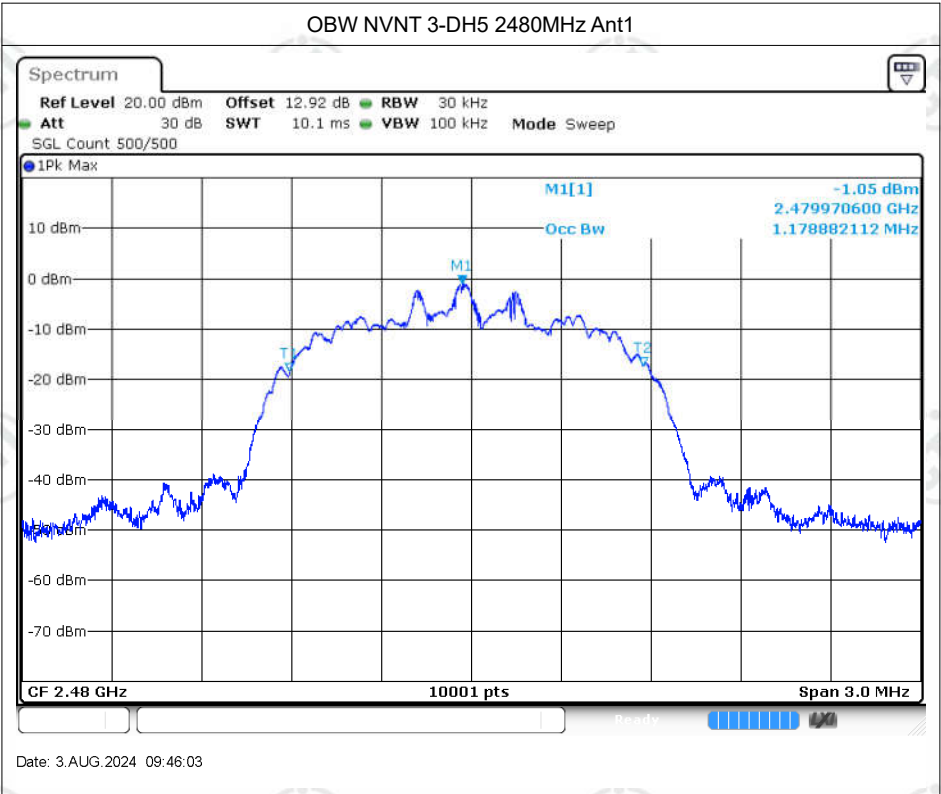
Date: 3.AUG.2024 09:42:10



Date: 3.AUG.2024 09:43:23

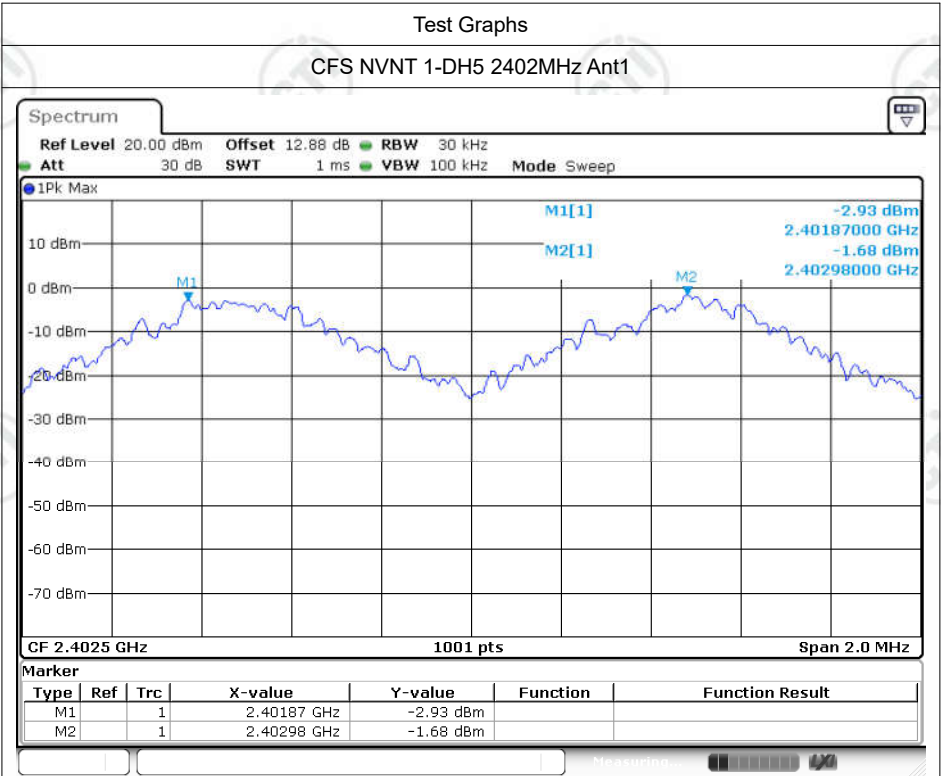


Date: 3.AUG.2024 09:44:38

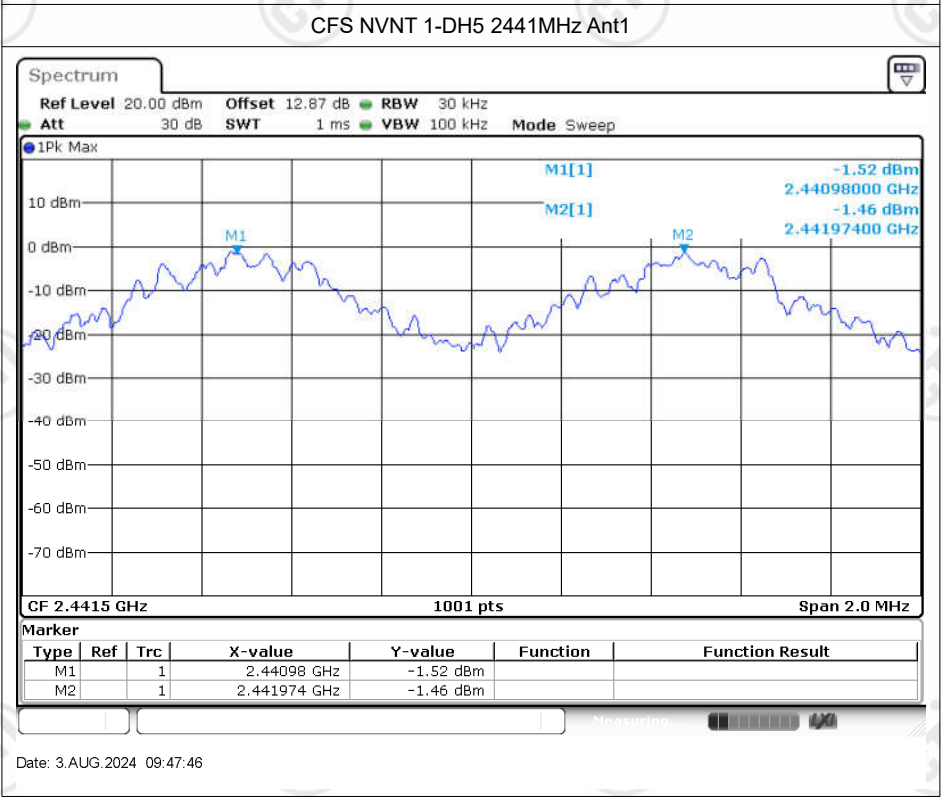


Carrier Frequencies Separation

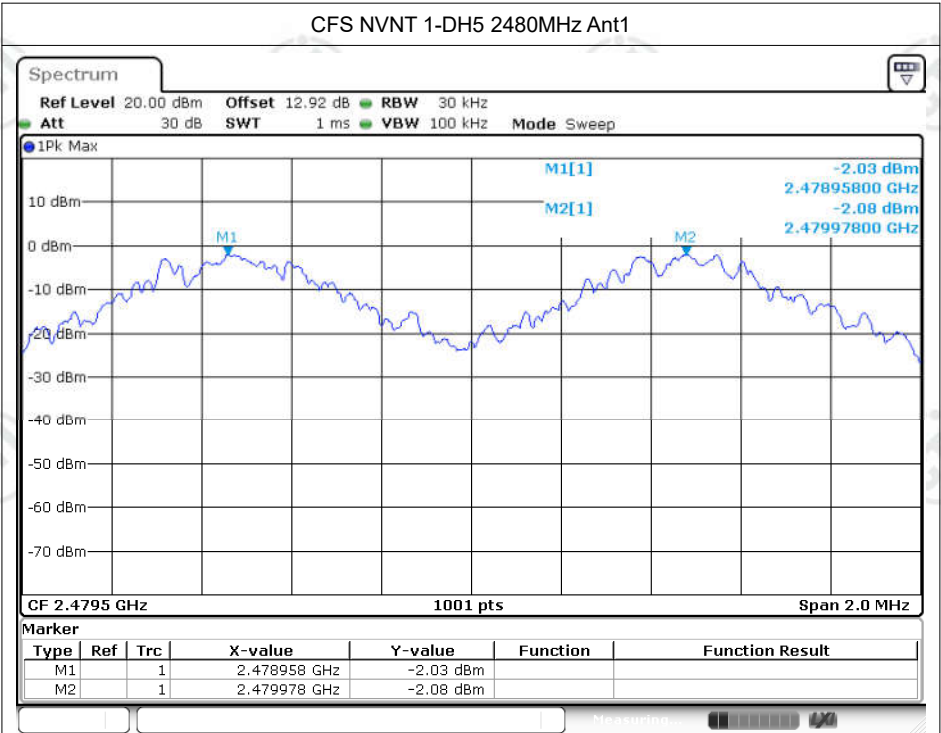
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.87	2402.98	1.11	0.635	Pass
NVNT	1-DH5	Ant1	2440.98	2441.974	0.994	0.633	Pass
NVNT	1-DH5	Ant1	2478.958	2479.978	1.02	0.634	Pass
NVNT	2-DH5	Ant1	2401.828	2402.82	0.992	0.853	Pass
NVNT	2-DH5	Ant1	2440.804	2441.868	1.064	0.853	Pass
NVNT	2-DH5	Ant1	2478.832	2479.992	1.16	0.854	Pass
NVNT	3-DH5	Ant1	2401.982	2402.93	0.948	0.861	Pass
NVNT	3-DH5	Ant1	2440.956	2441.992	1.036	0.862	Pass
NVNT	3-DH5	Ant1	2478.96	2479.932	0.972	0.862	Pass



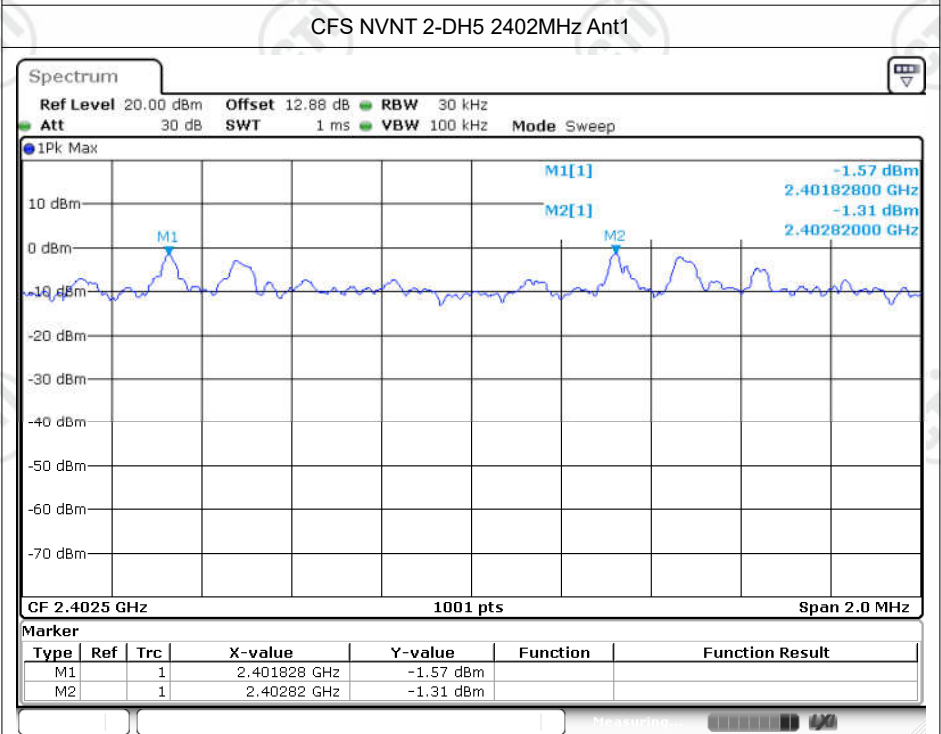
Date: 3.AUG.2024 09:47:02



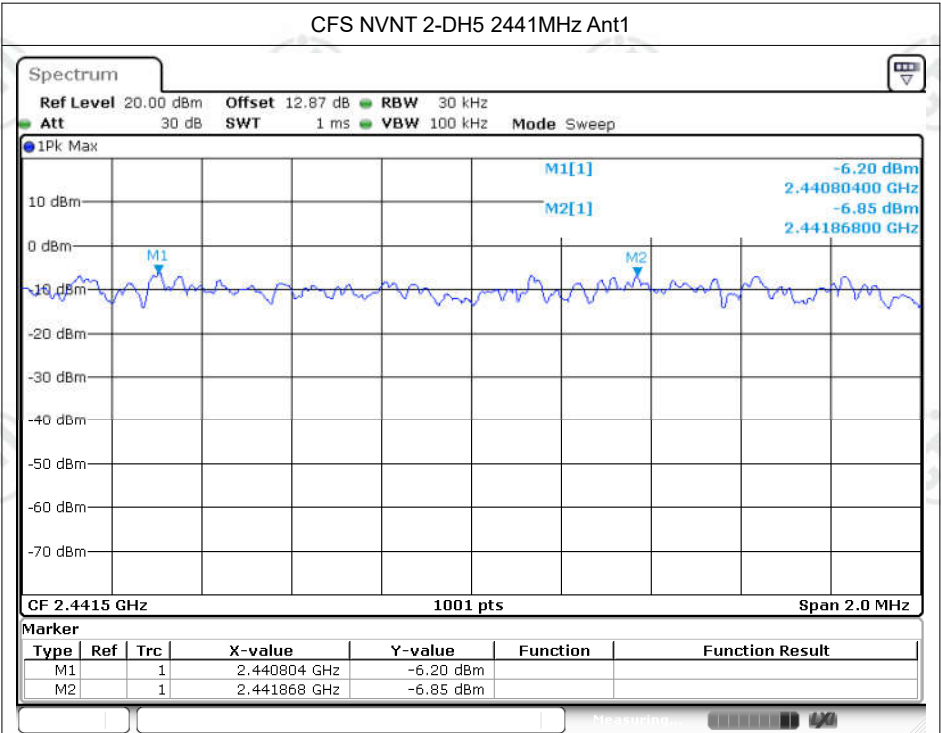
Date: 3.AUG.2024 09:47:46



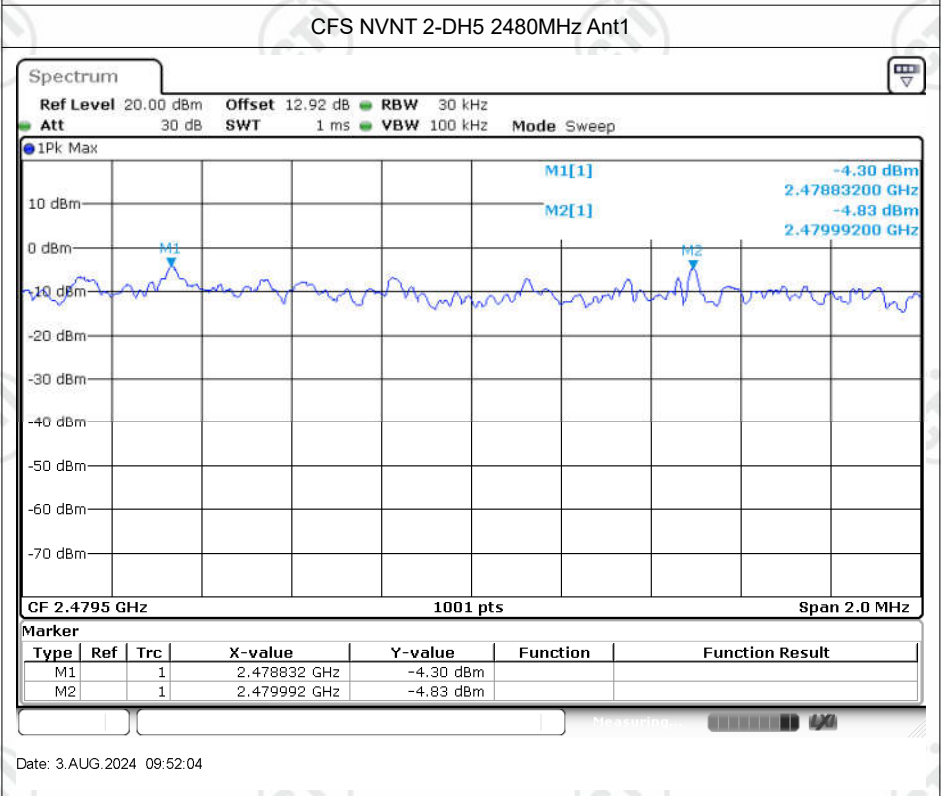
Date: 3.AUG.2024 09:48:52



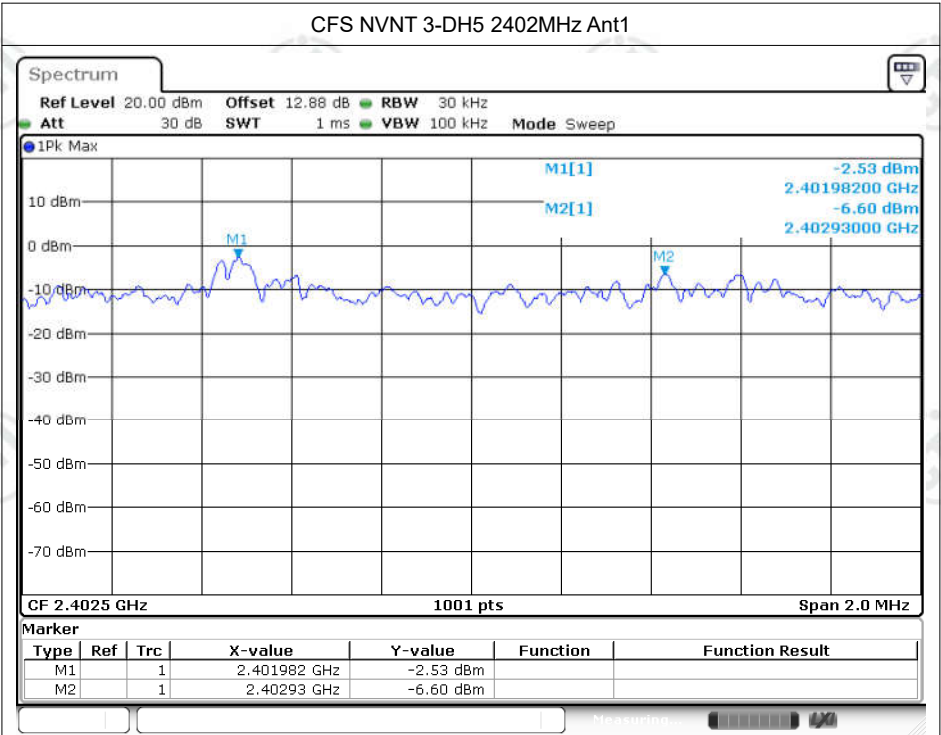
Date: 3.AUG.2024 09:49:54



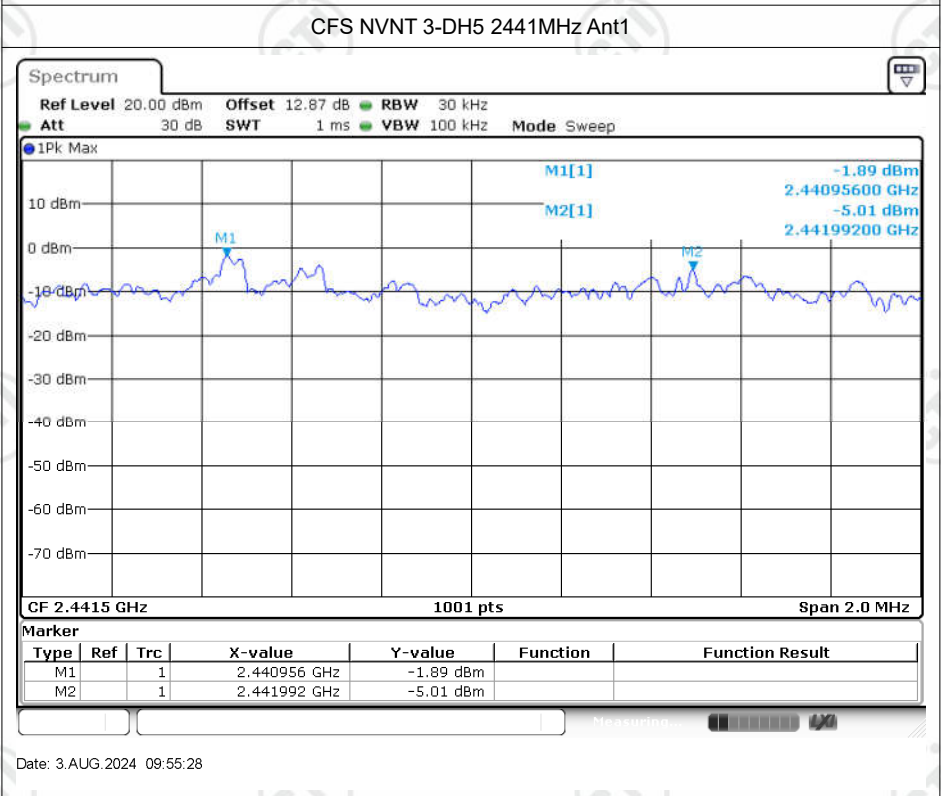
Date: 3.AUG.2024 09:50:38



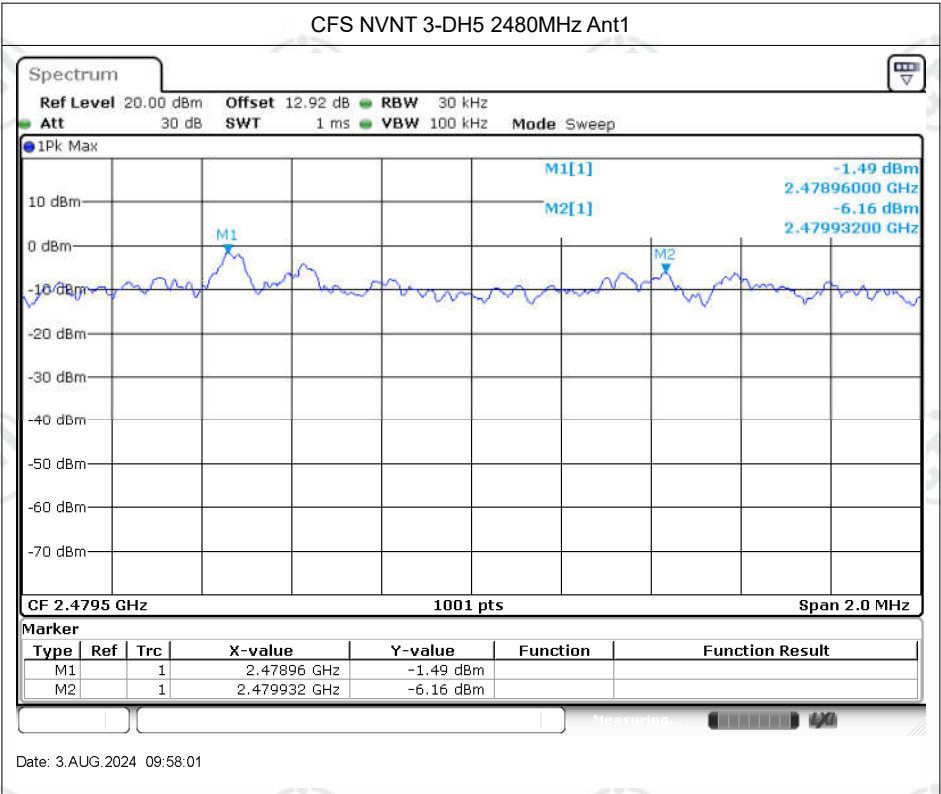
Date: 3.AUG.2024 09:52:04



Date: 3.AUG.2024 09:54:43

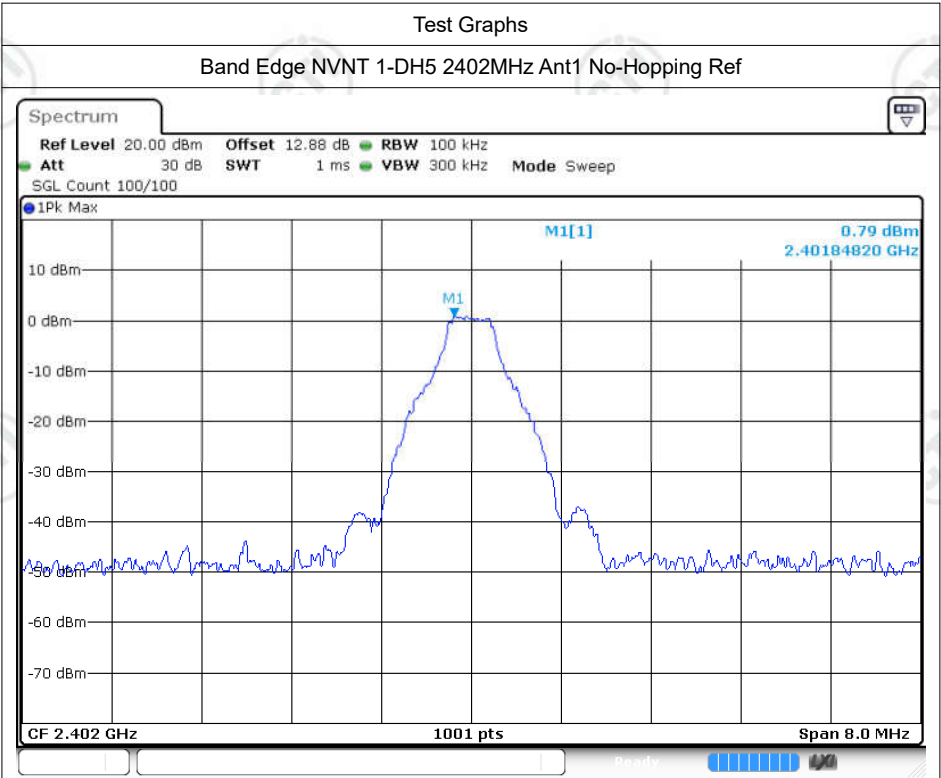


Date: 3.AUG.2024 09:55:28

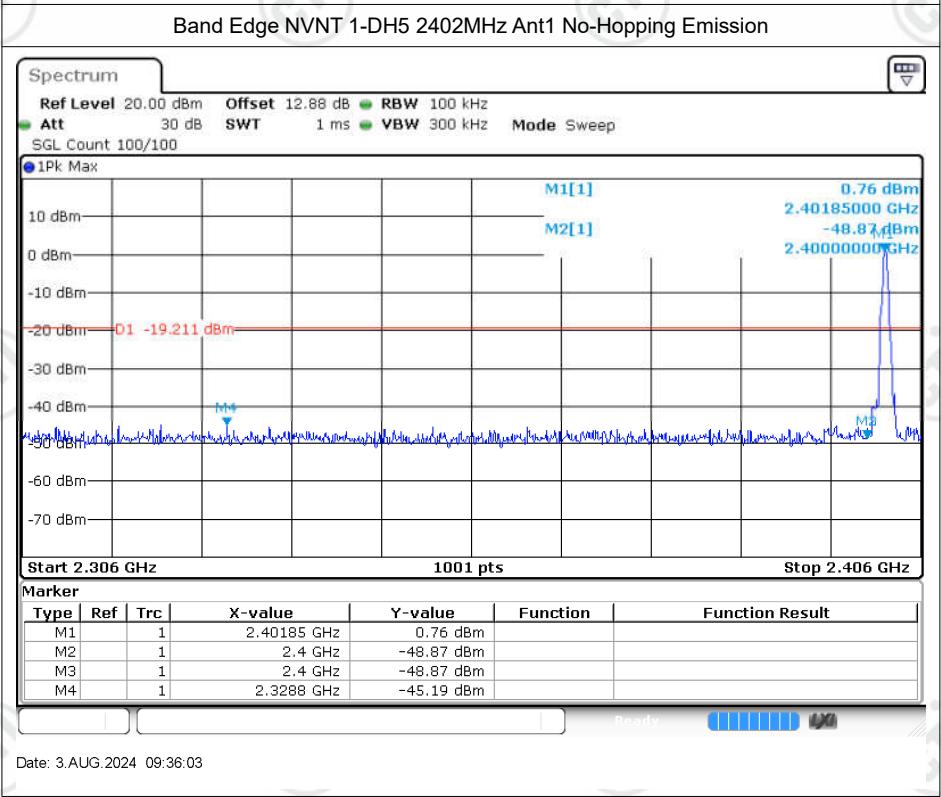


Band Edge

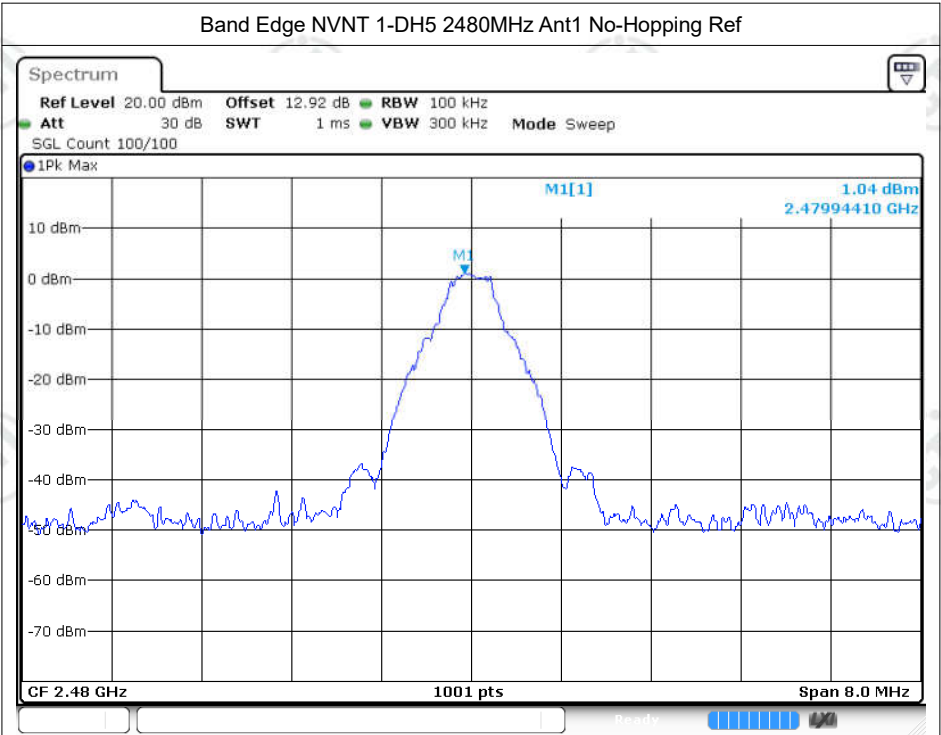
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-45.98	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-46.64	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-45.08	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-45.17	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-44.76	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-44.38	-20	Pass



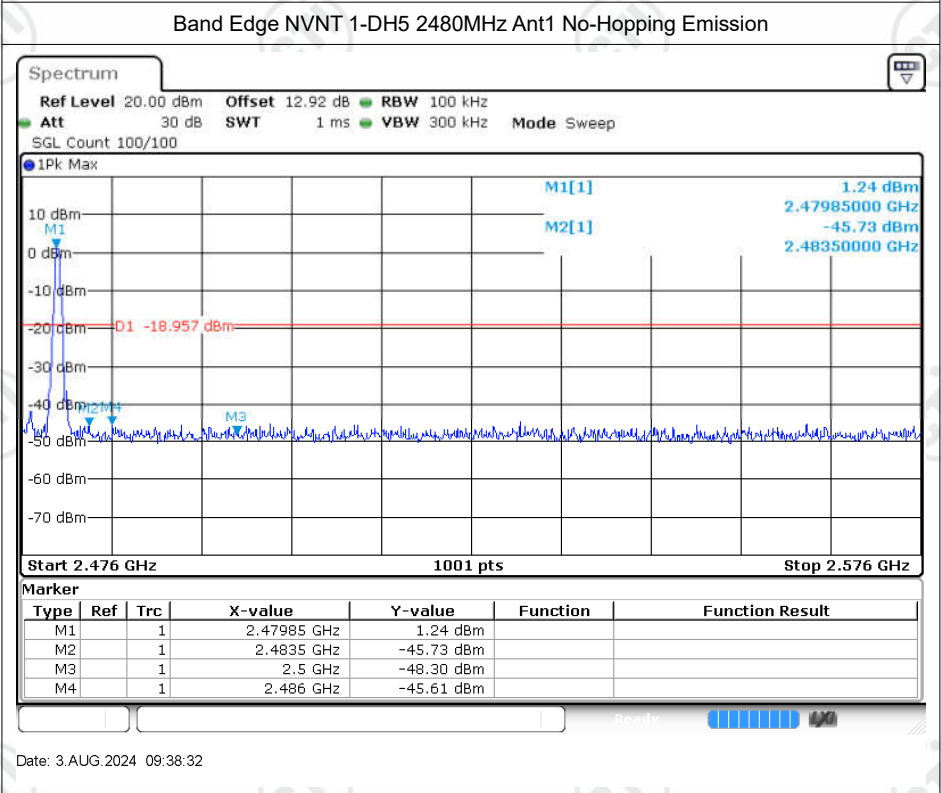
Date: 3.AUG.2024 09:36:02



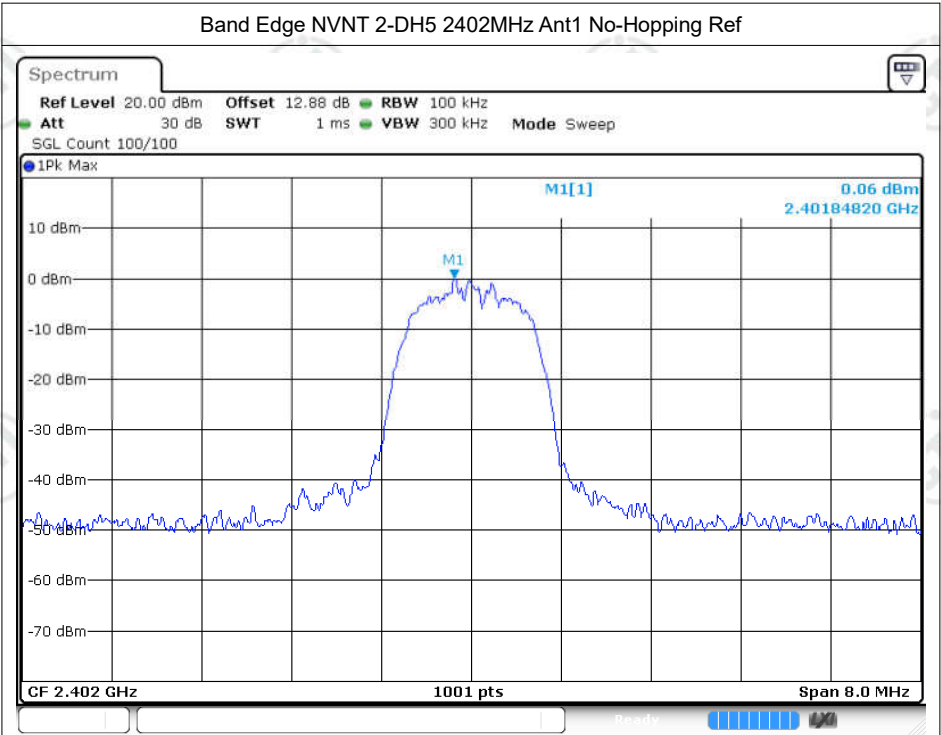
Date: 3.AUG.2024 09:36:03



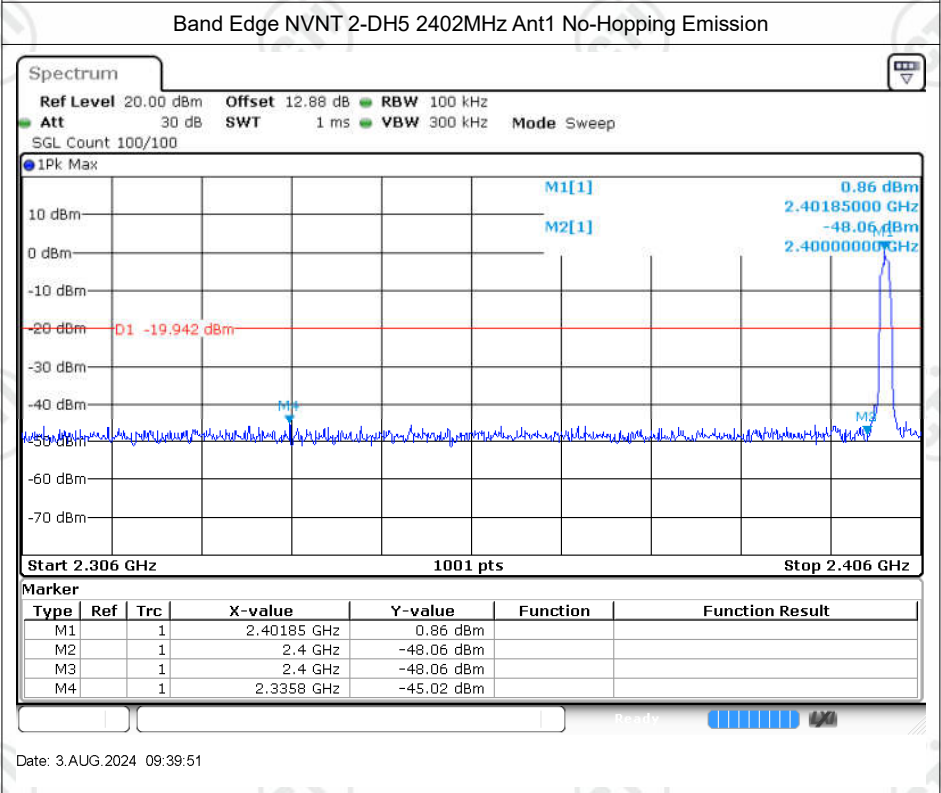
Date: 3.AUG.2024 09:38:31



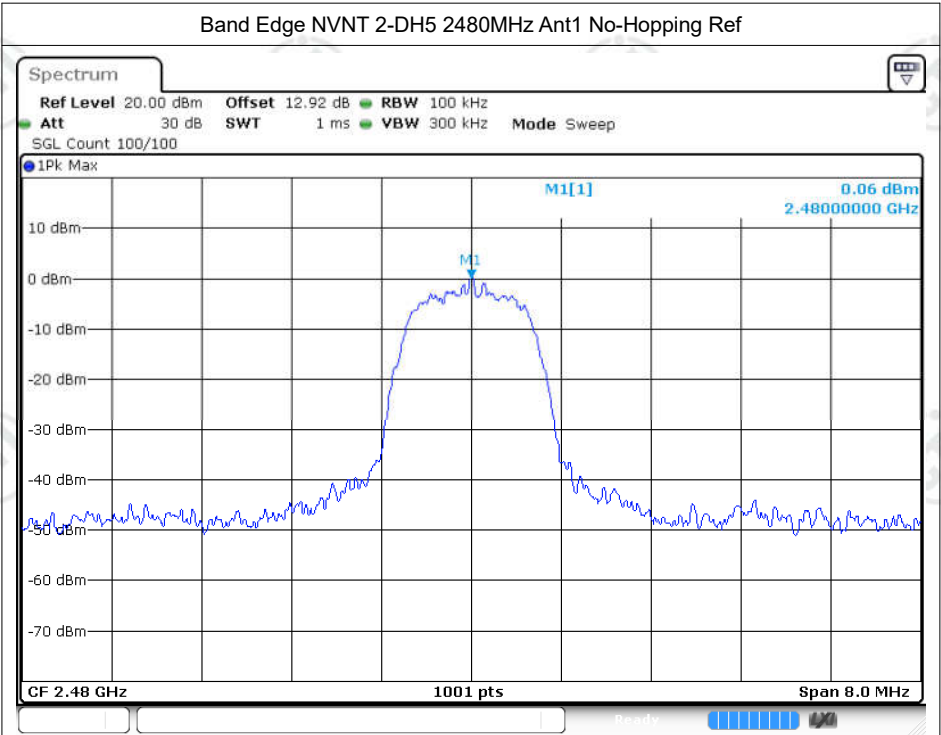
Date: 3.AUG.2024 09:38:32



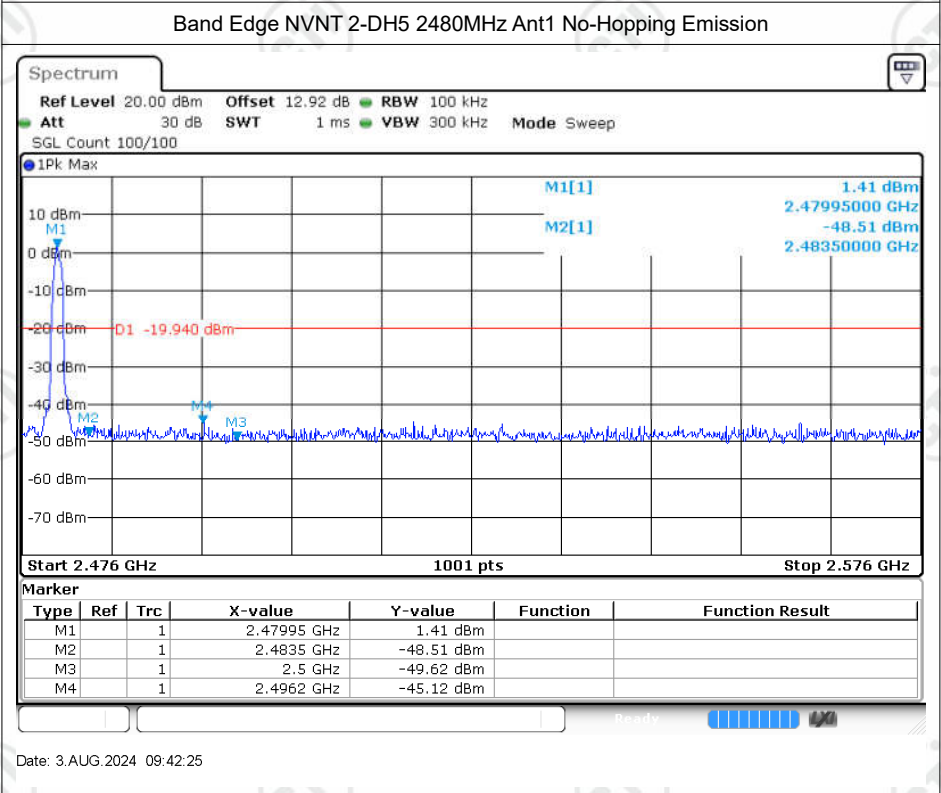
Date: 3.AUG.2024 09:39:50



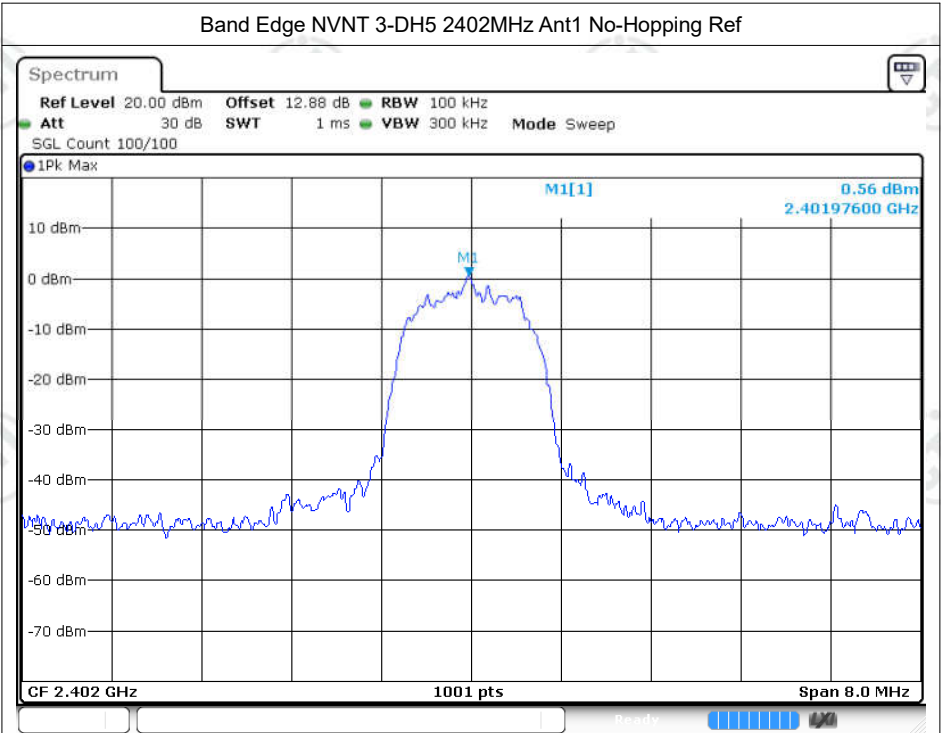
Date: 3.AUG.2024 09:39:51



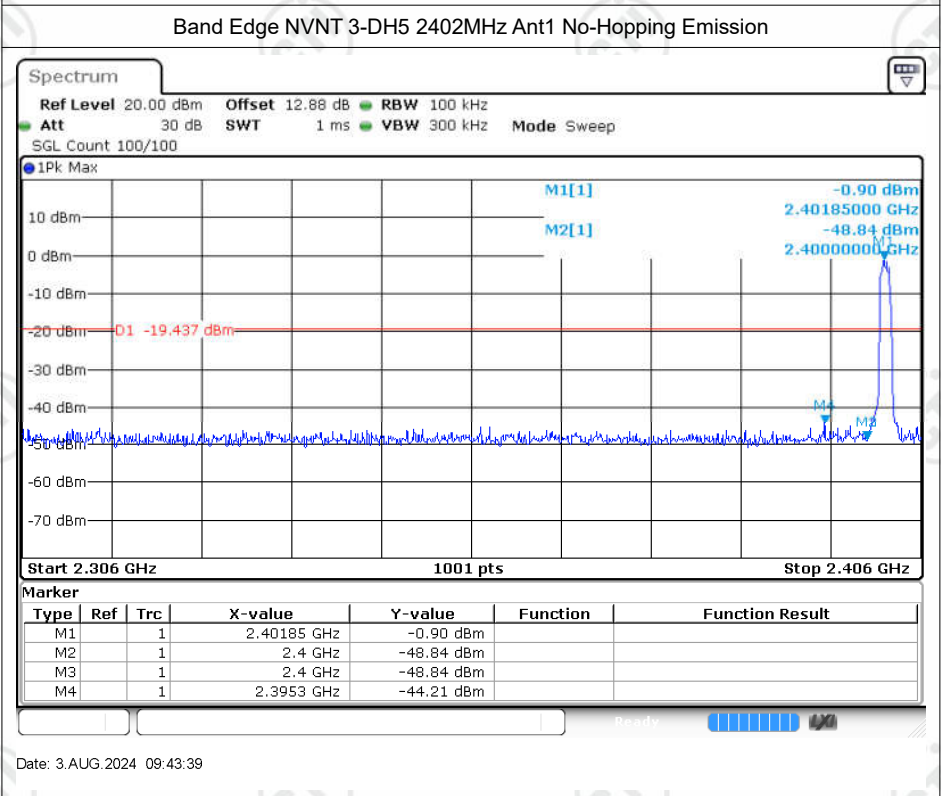
Date: 3.AUG.2024 09:42:24



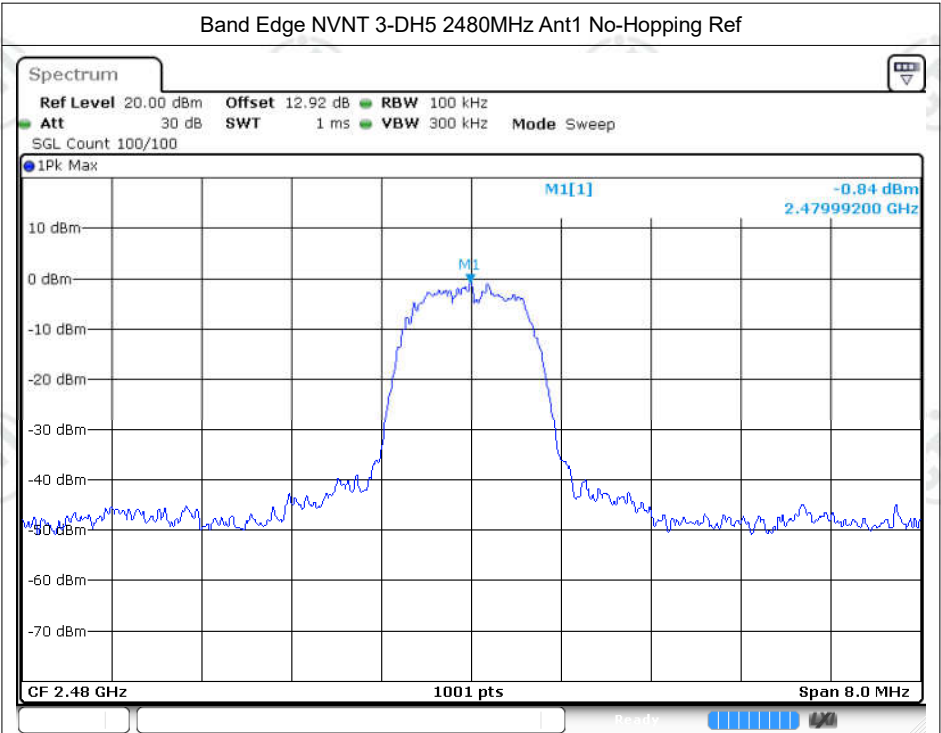
Date: 3.AUG.2024 09:42:25



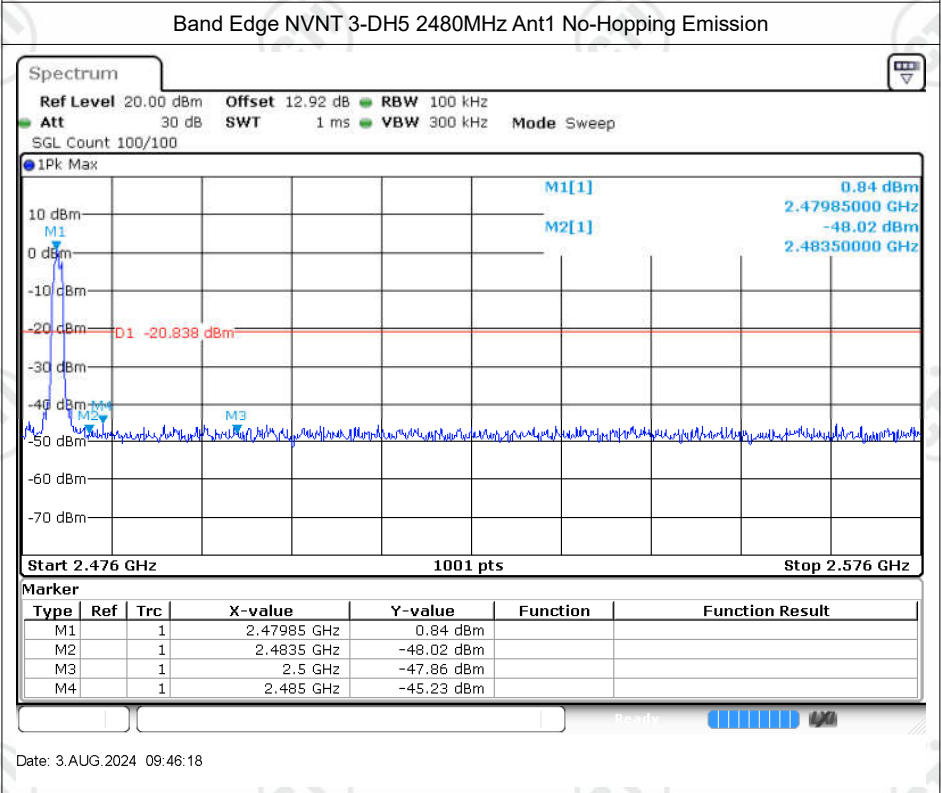
Date: 3.AUG.2024 09:43:38



Date: 3.AUG.2024 09:43:39



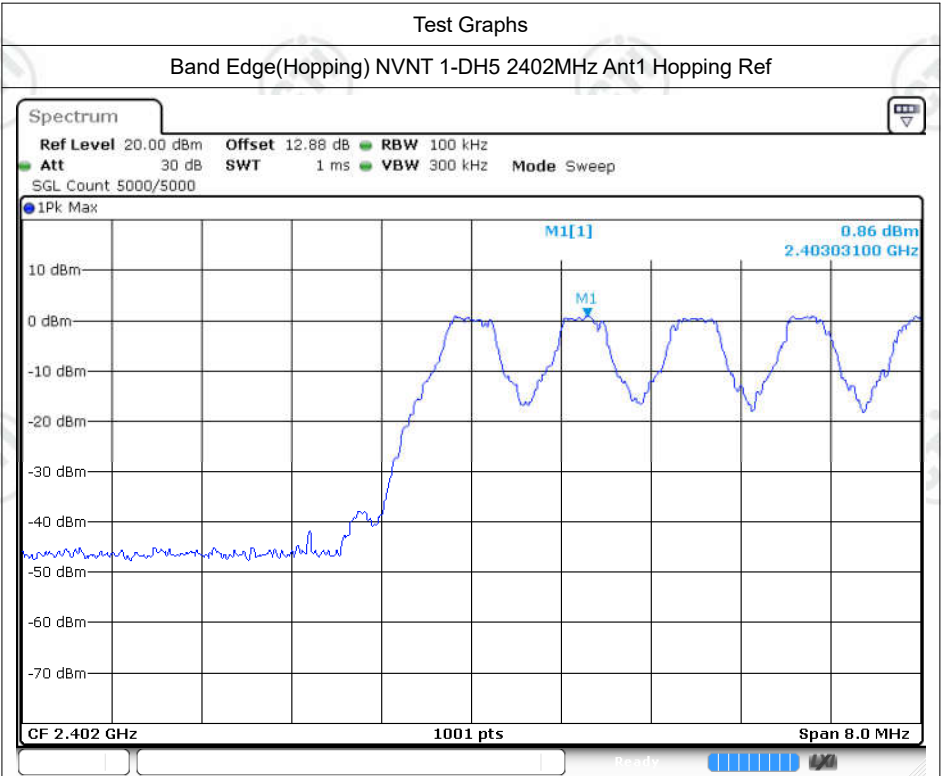
Date: 3.AUG.2024 09:46:17



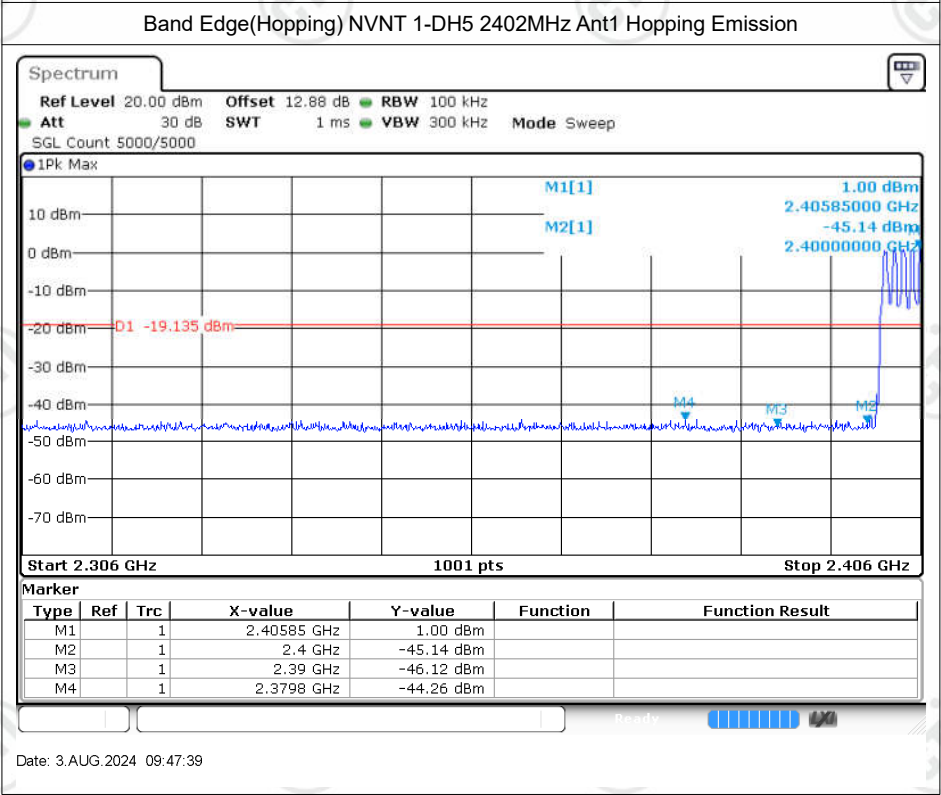
Date: 3.AUG.2024 09:46:18

Band Edge(Hopping)

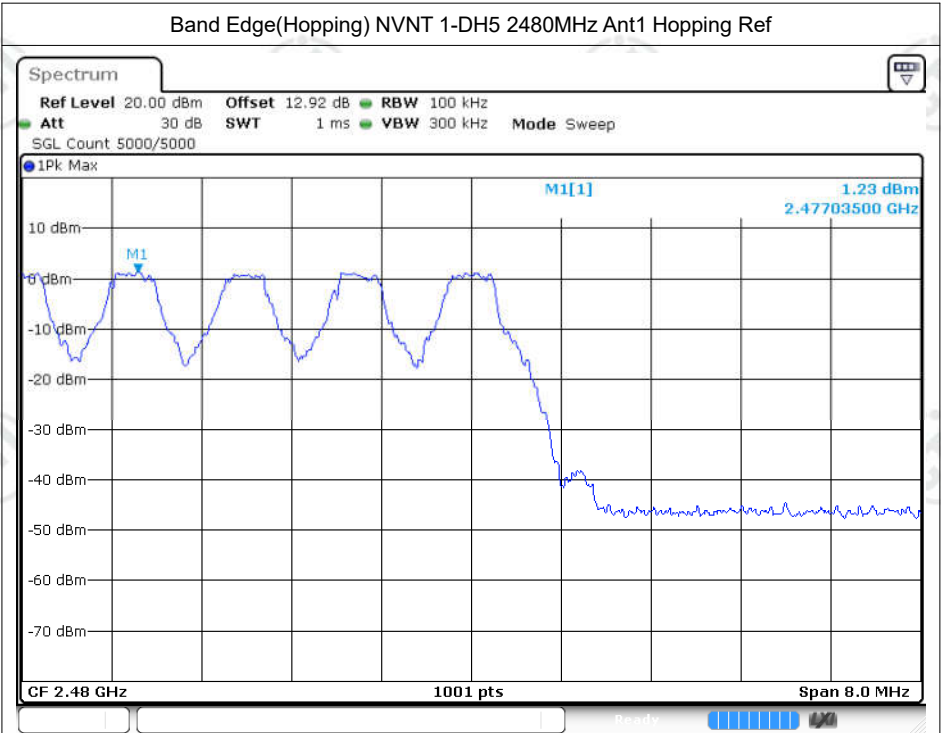
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-45.11	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-45.09	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-45.11	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-45.46	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-45.37	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-45.15	-20	Pass



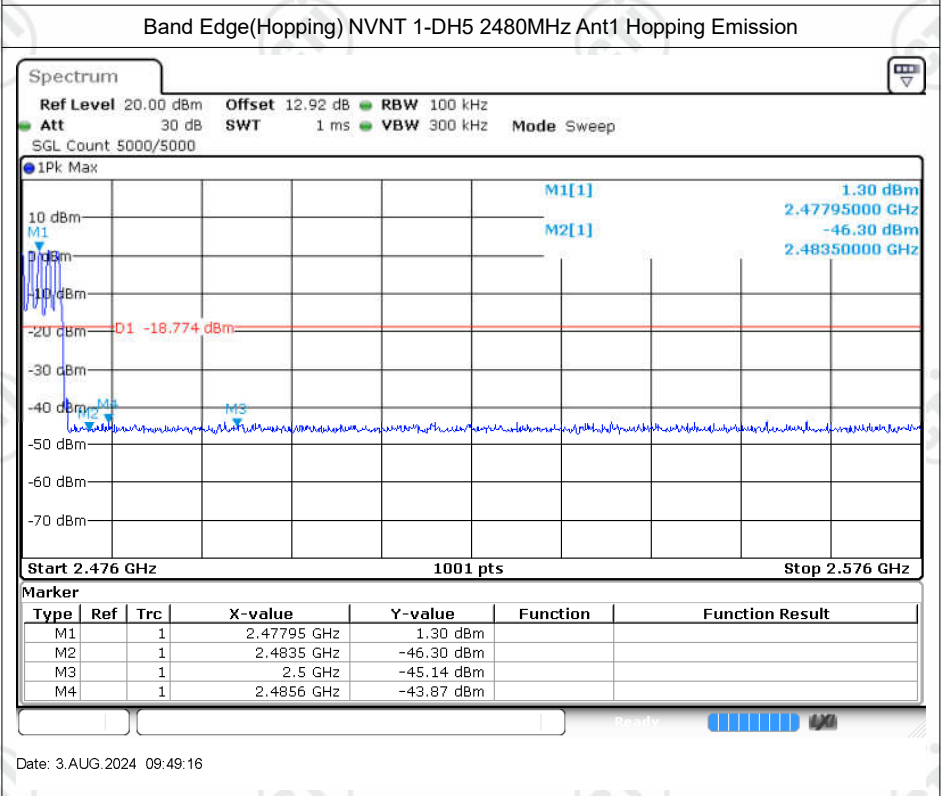
Date: 3.AUG.2024 09:47:15



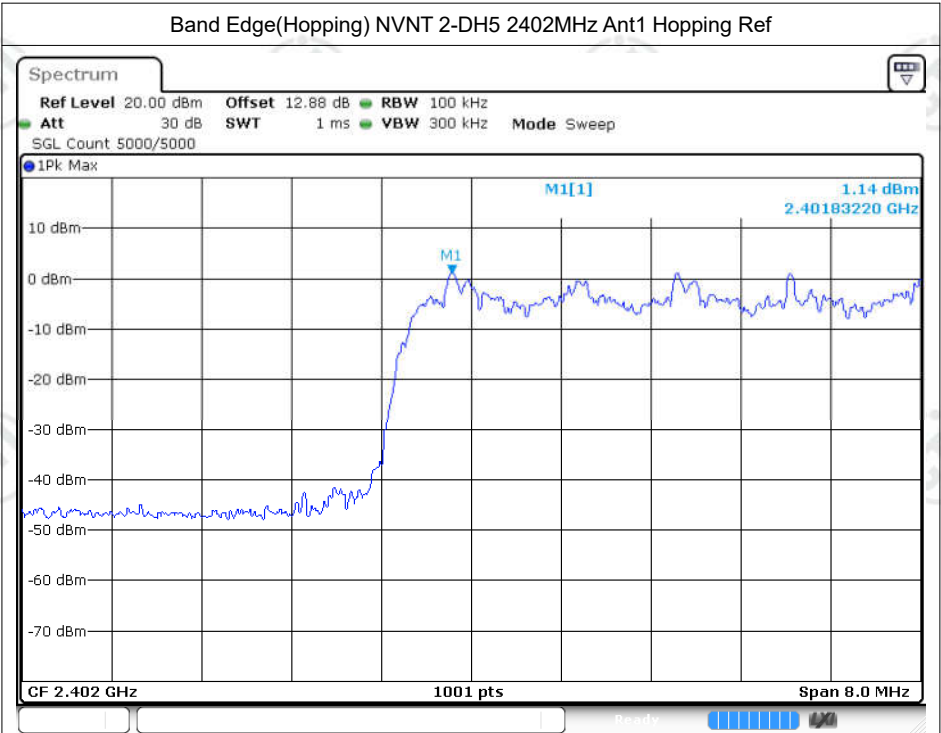
Date: 3.AUG.2024 09:47:39



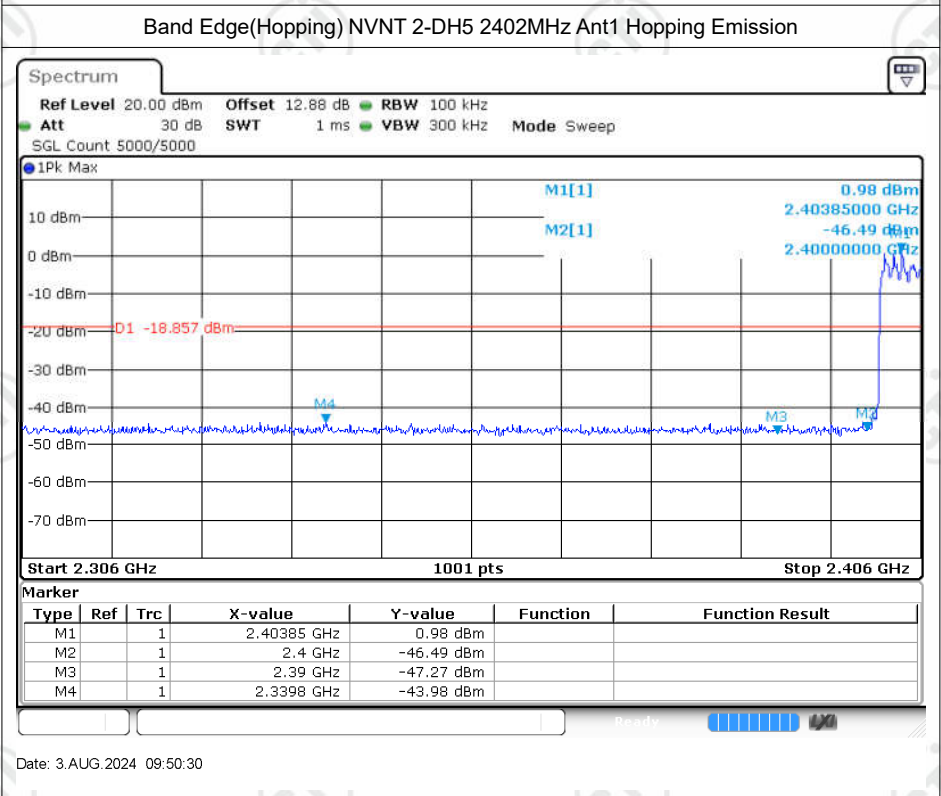
Date: 3.AUG.2024 09:49:05



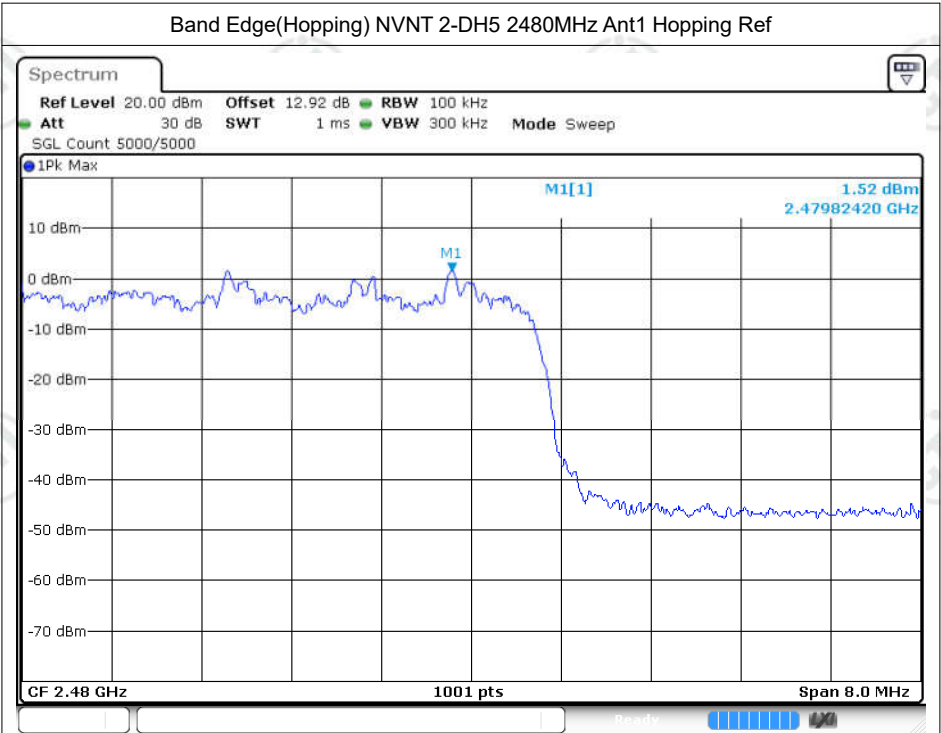
Date: 3.AUG.2024 09:49:16



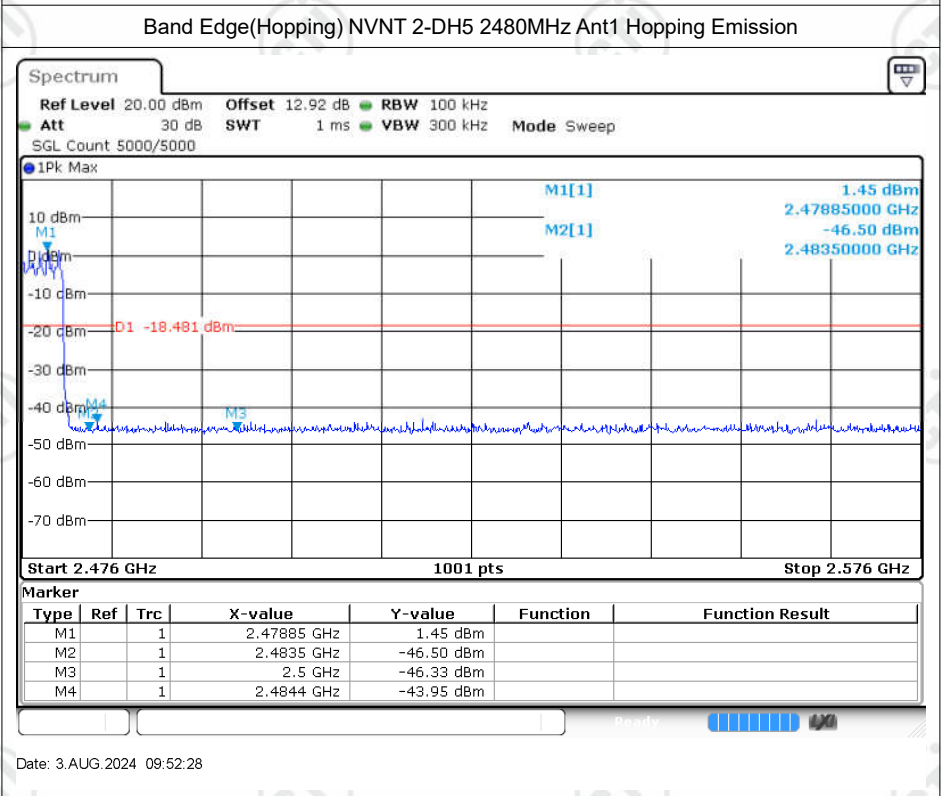
Date: 3.AUG.2024 09:50:06



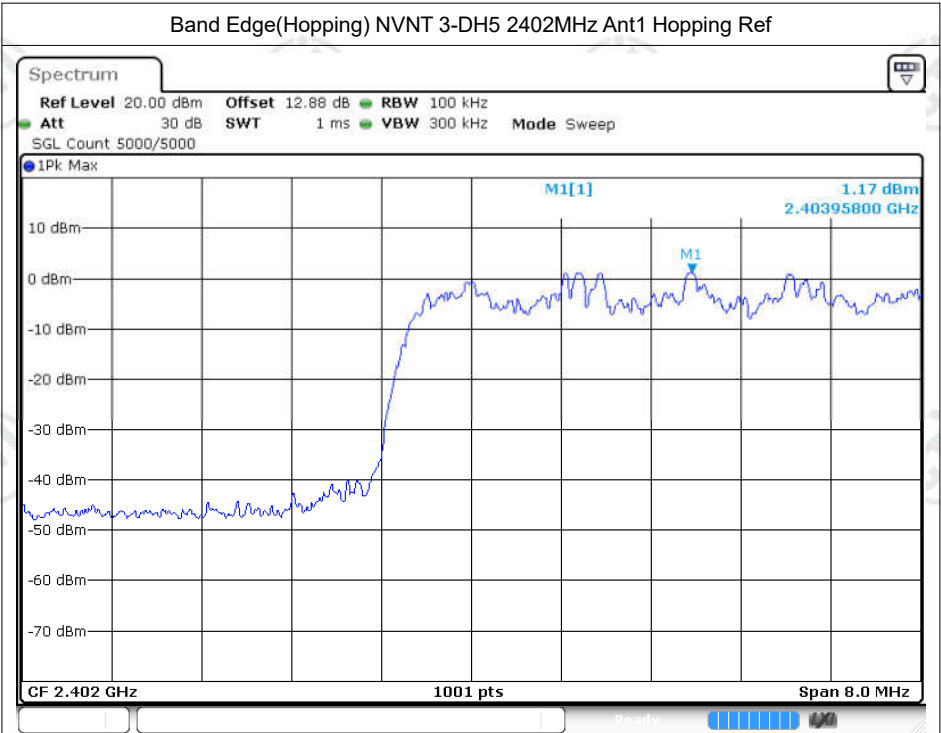
Date: 3.AUG.2024 09:50:30



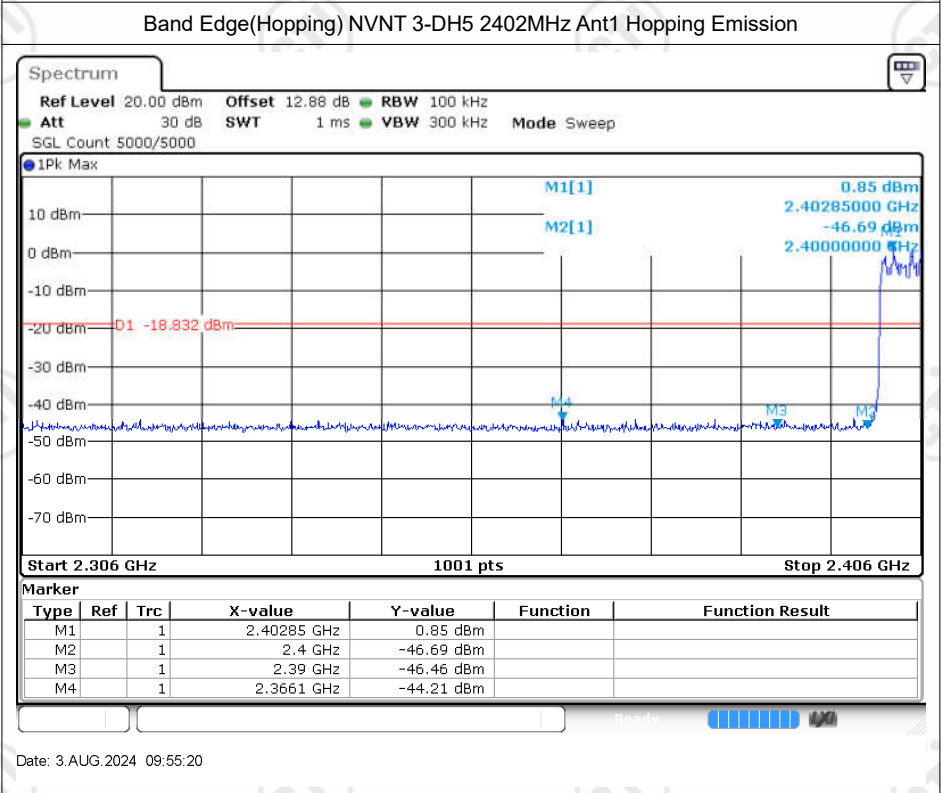
Date: 3.AUG.2024 09:52:17



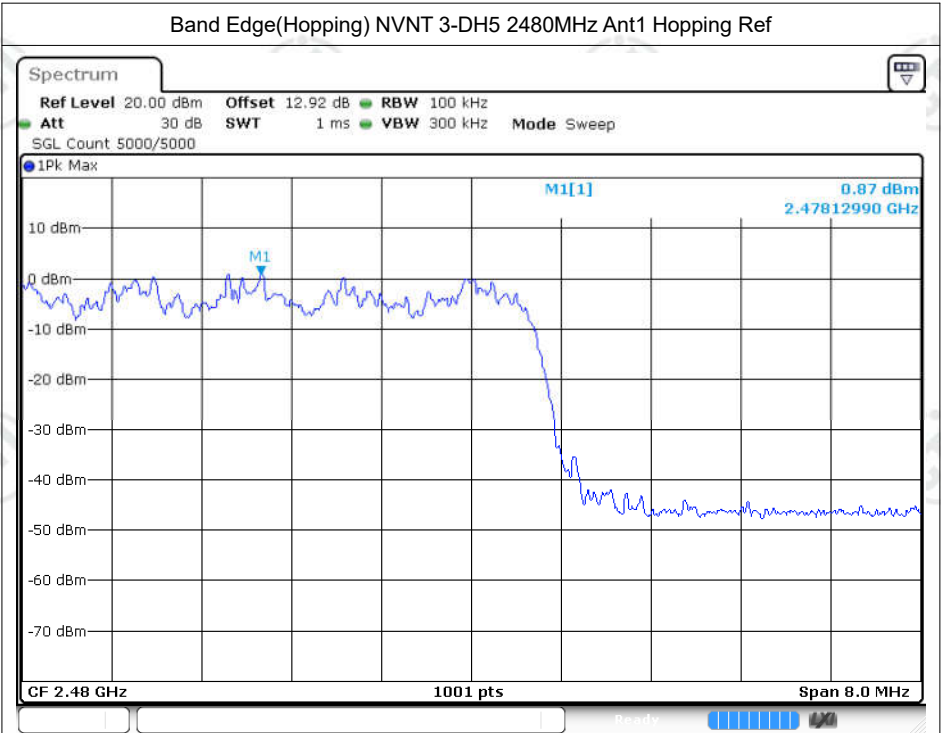
Date: 3.AUG.2024 09:52:28



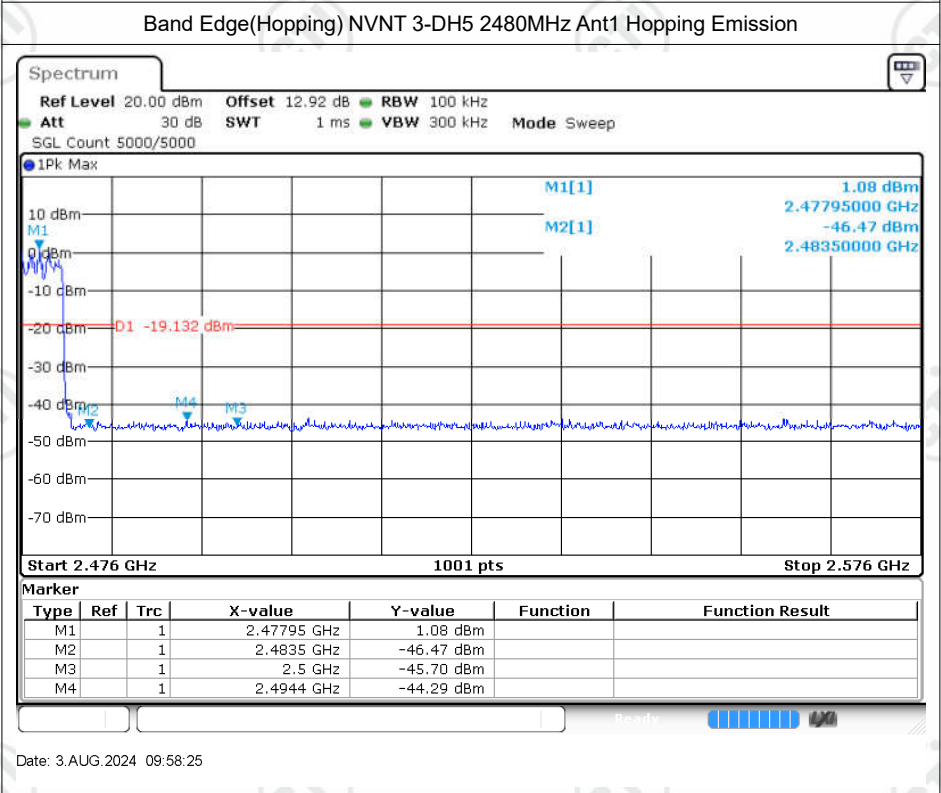
Date: 3.AUG.2024 09:54:56



Date: 3.AUG.2024 09:55:20



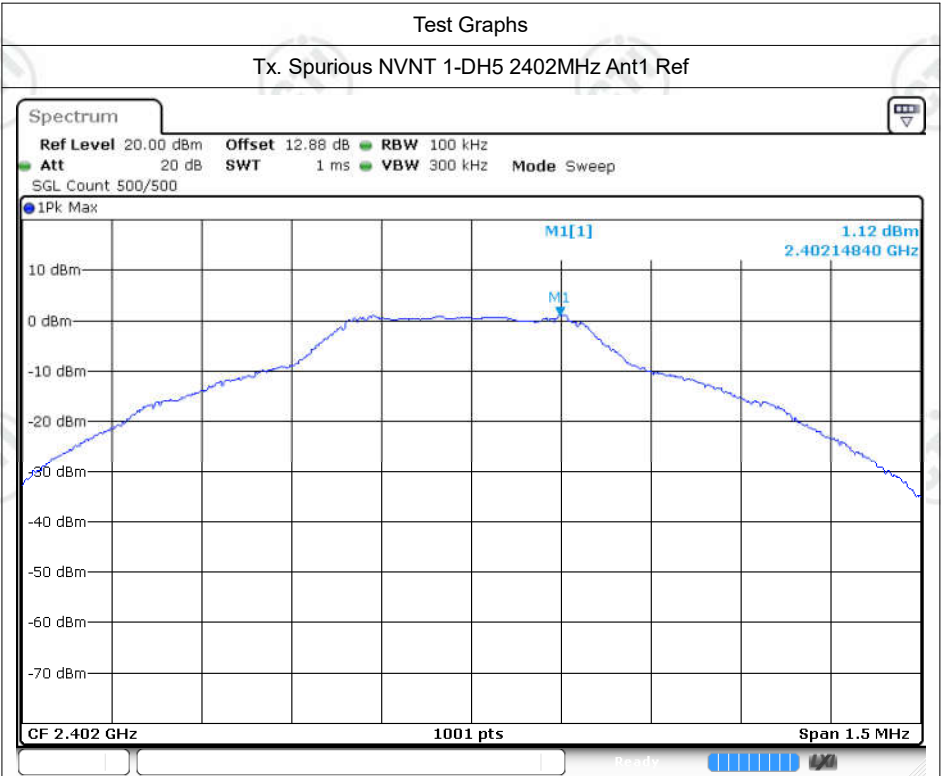
Date: 3.AUG.2024 09:58:14



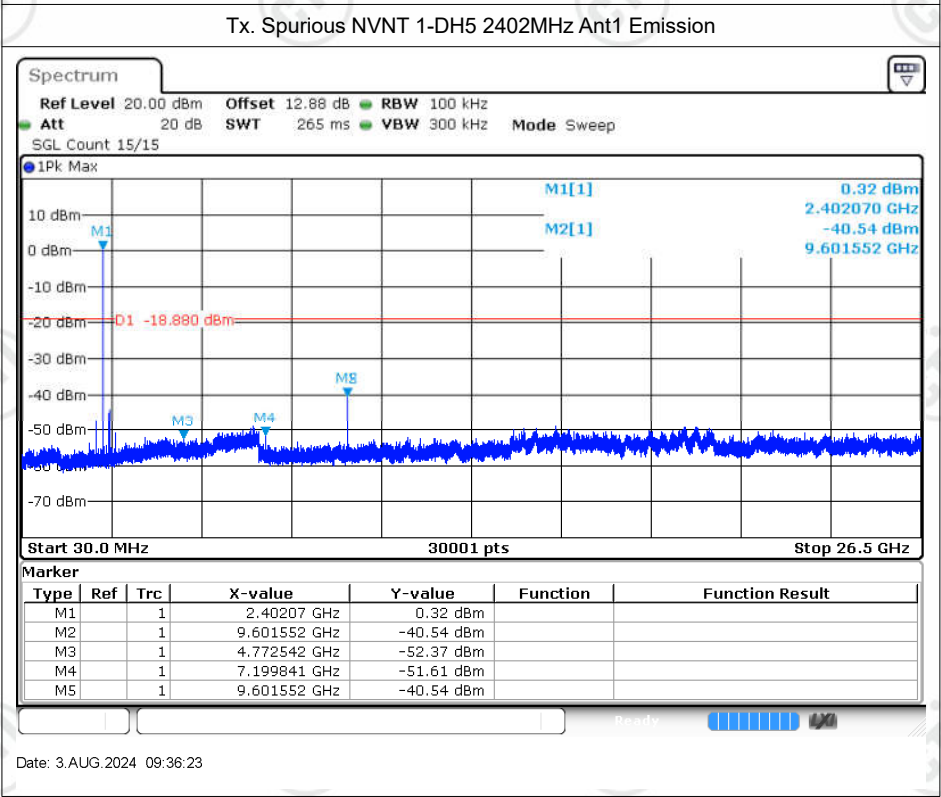
Date: 3.AUG.2024 09:58:25

Conducted RF Spurious Emission

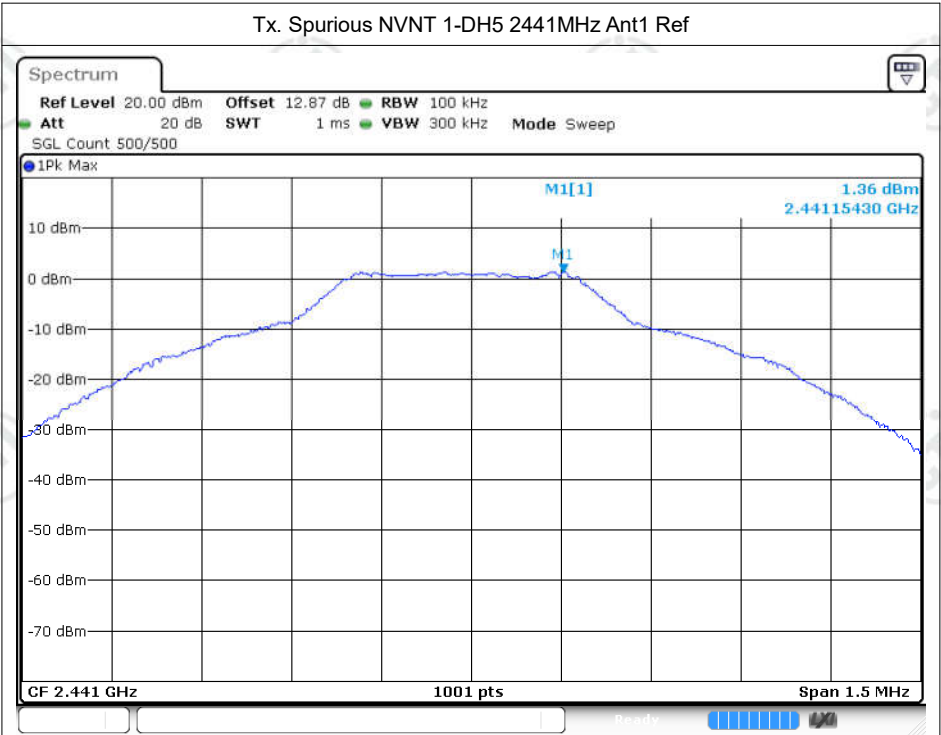
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-41.65	-20	Pass
NVNT	1-DH5	2441	Ant1	-44.49	-20	Pass
NVNT	1-DH5	2480	Ant1	-46.35	-20	Pass
NVNT	2-DH5	2402	Ant1	-41.01	-20	Pass
NVNT	2-DH5	2441	Ant1	-44.16	-20	Pass
NVNT	2-DH5	2480	Ant1	-46.73	-20	Pass
NVNT	3-DH5	2402	Ant1	-41.49	-20	Pass
NVNT	3-DH5	2441	Ant1	-44.54	-20	Pass
NVNT	3-DH5	2480	Ant1	-46.97	-20	Pass



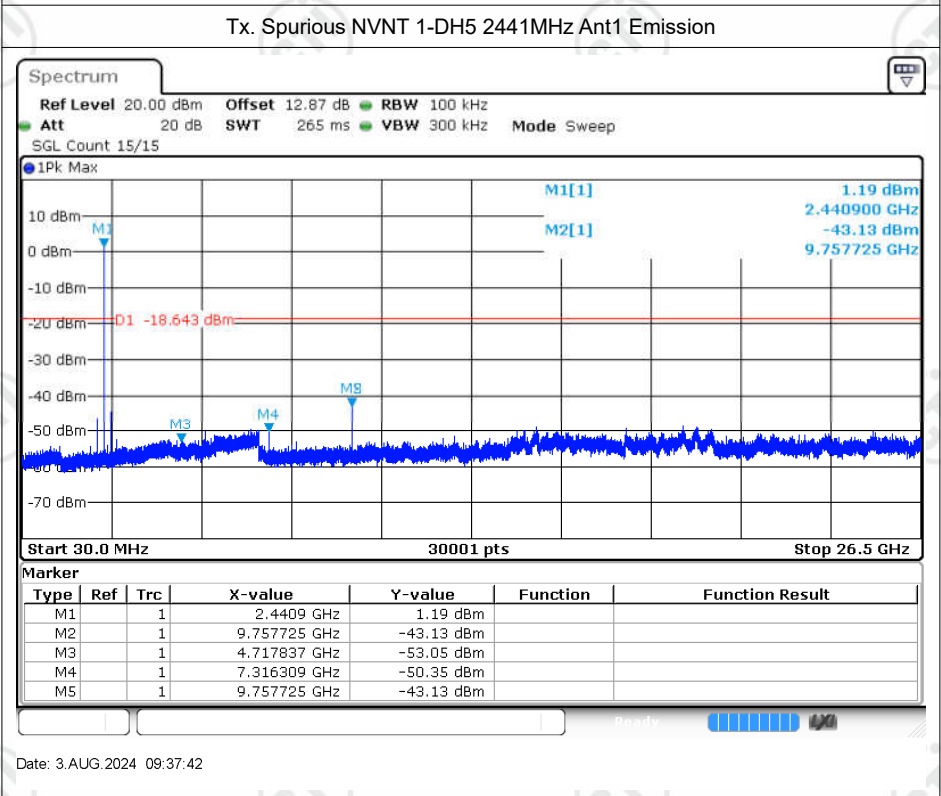
Date: 3.AUG.2024 09:36:07



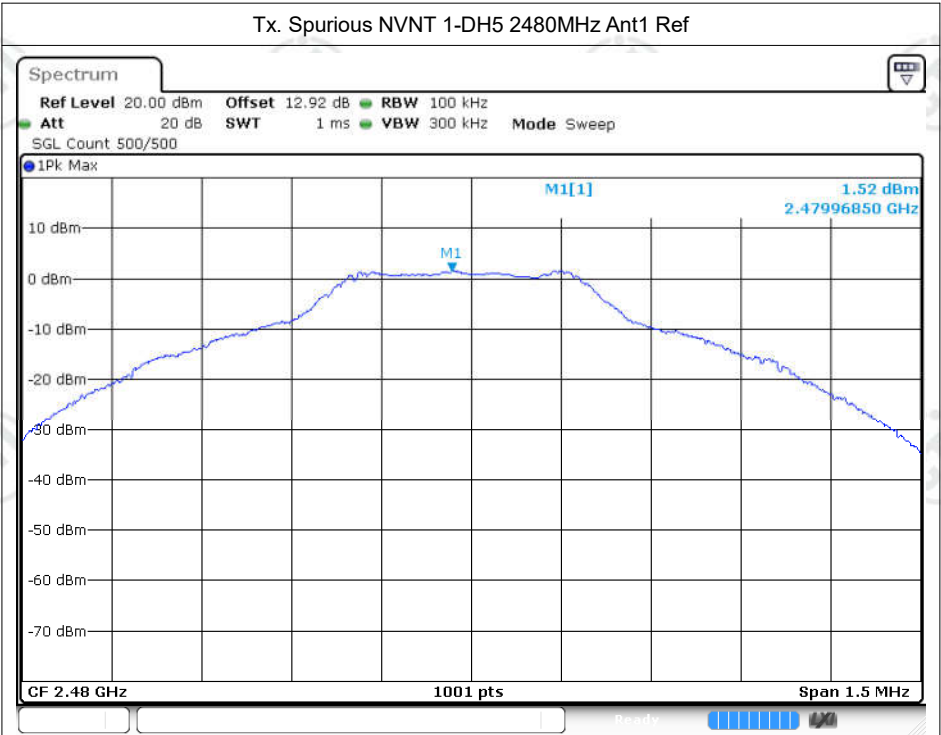
Date: 3.AUG.2024 09:36:23



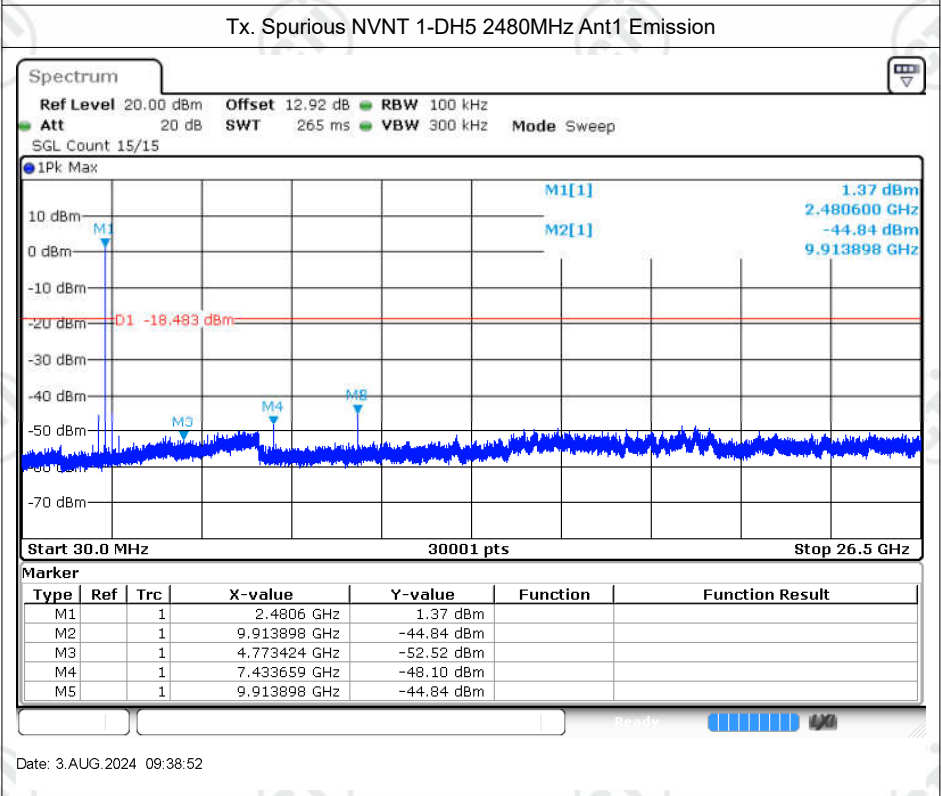
Date: 3.AUG.2024 09:37:26

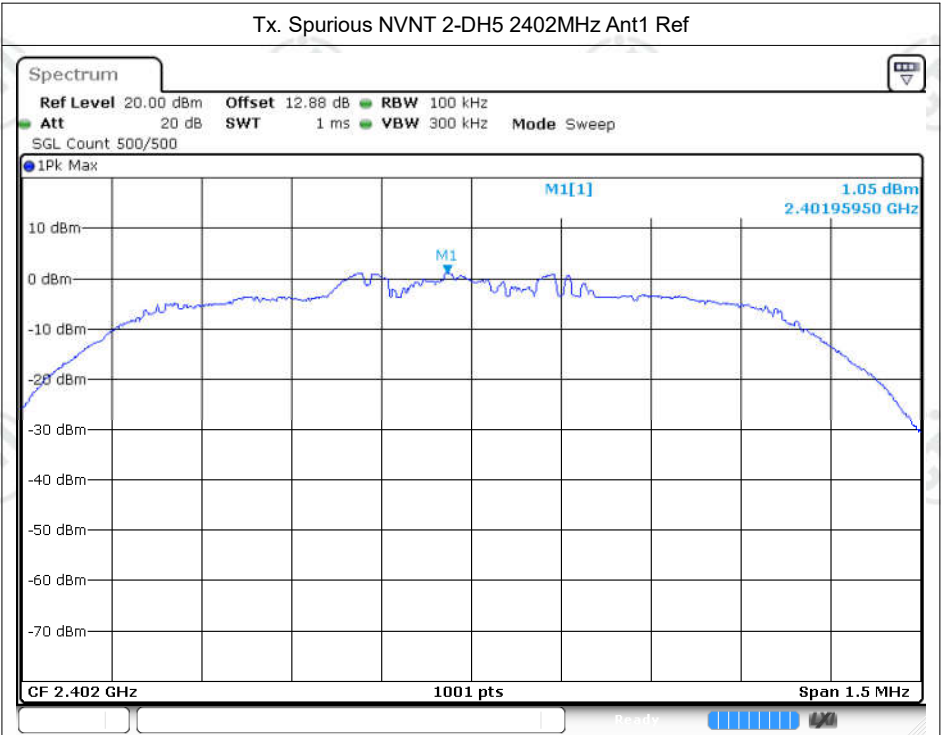


Date: 3.AUG.2024 09:37:42

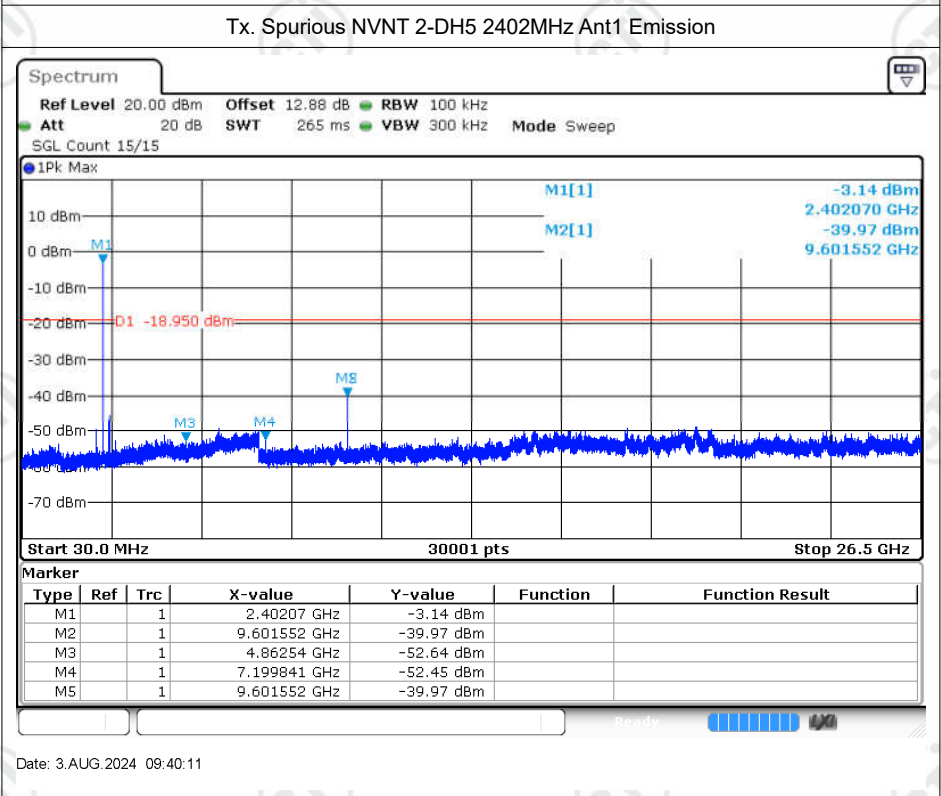


Date: 3.AUG.2024 09:38:36

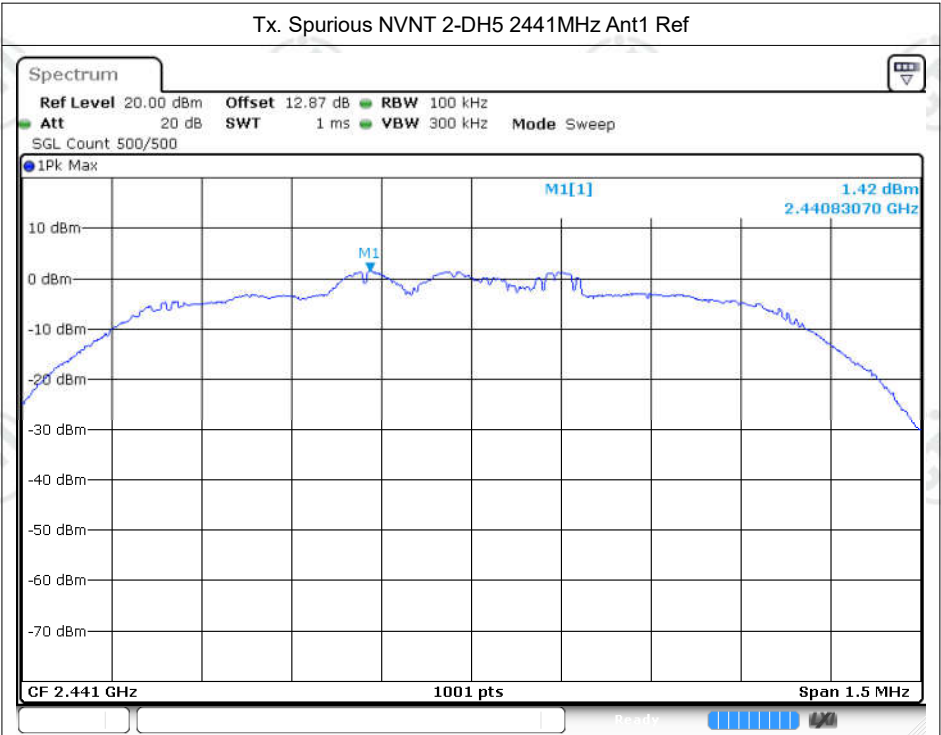




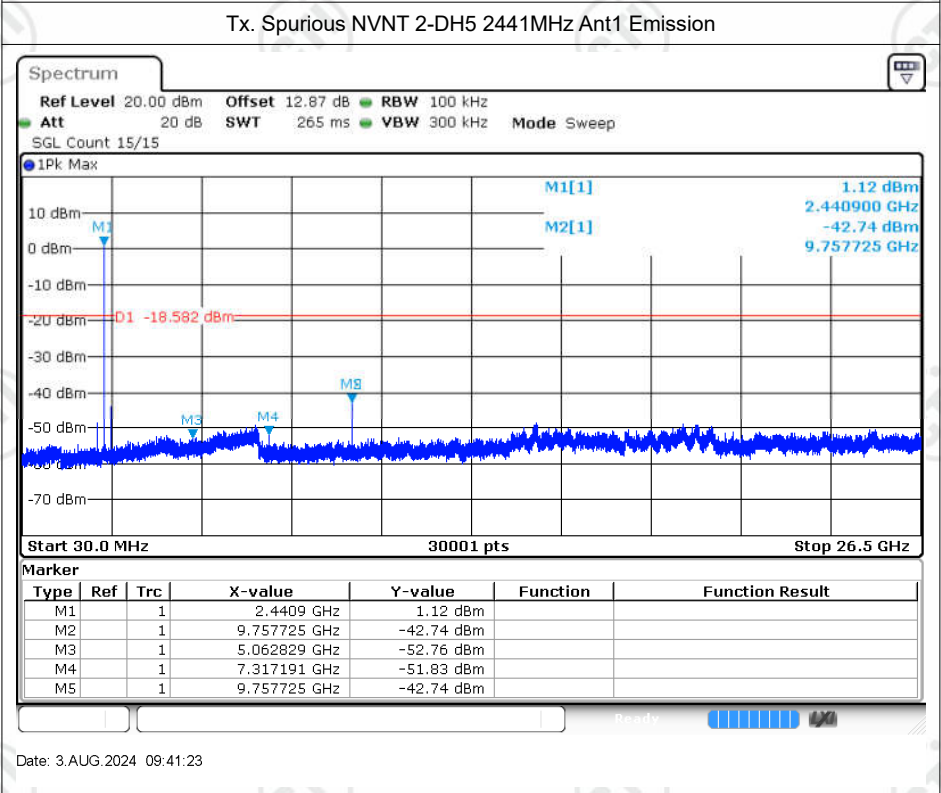
Date: 3.AUG.2024 09:39:55



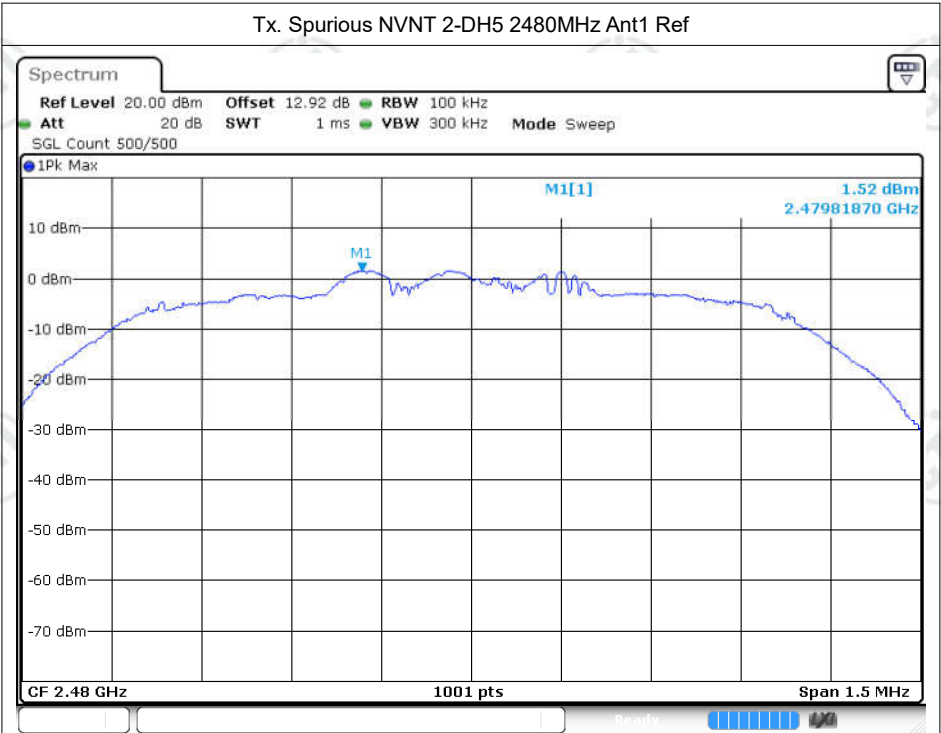
Date: 3.AUG.2024 09:40:11



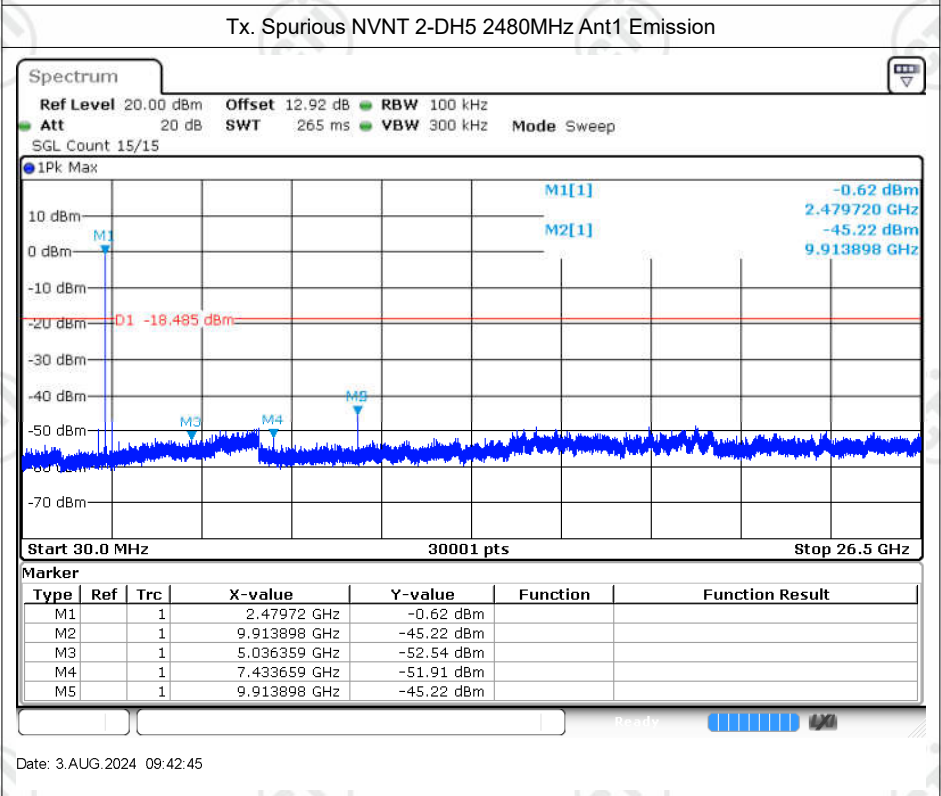
Date: 3.AUG.2024 09:41:08



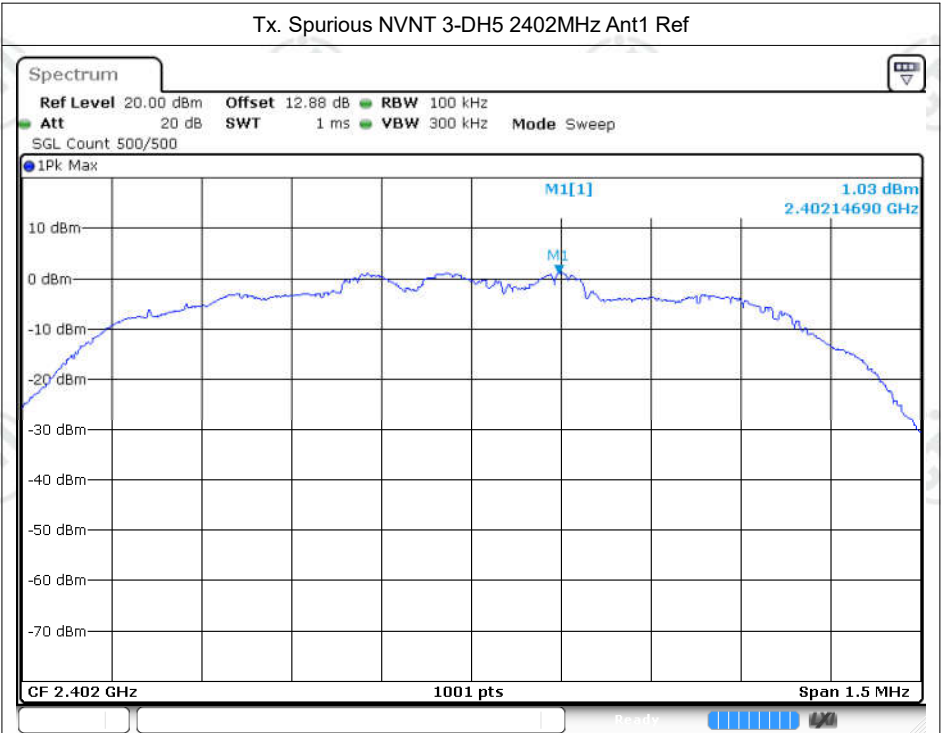
Date: 3.AUG.2024 09:41:23



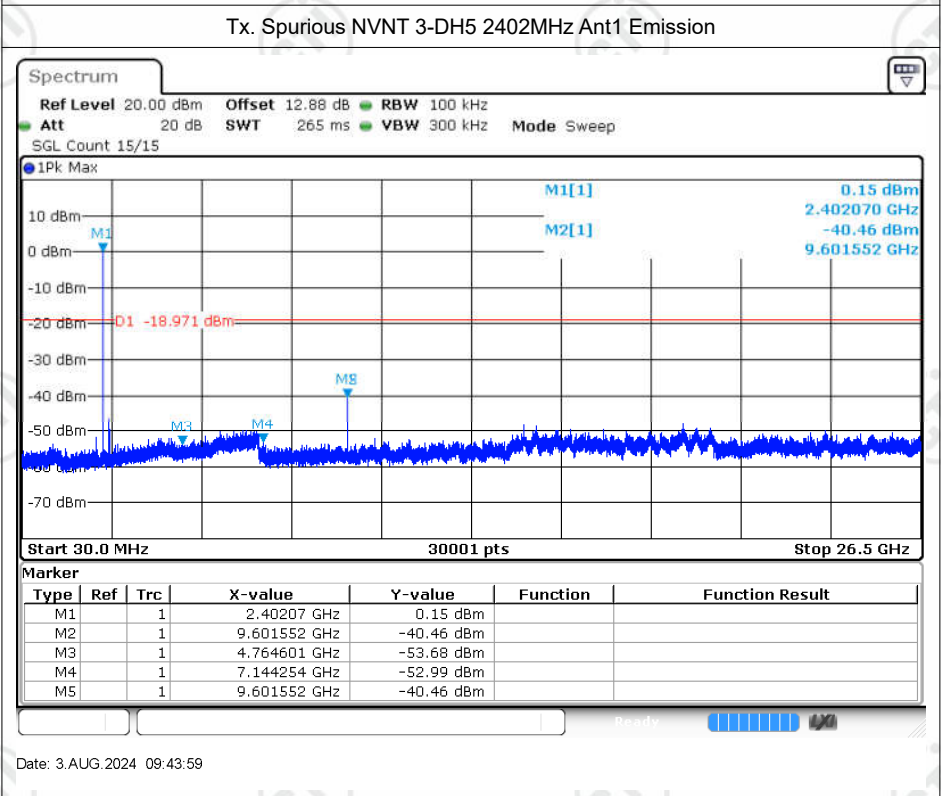
Date: 3.AUG.2024 09:42:29

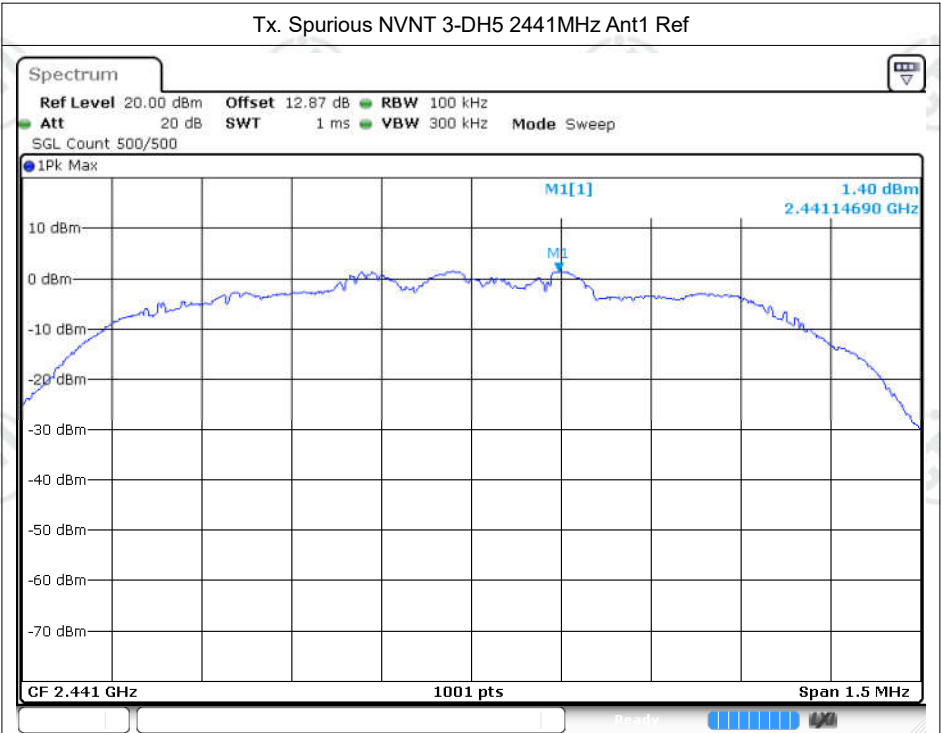


Date: 3.AUG.2024 09:42:45

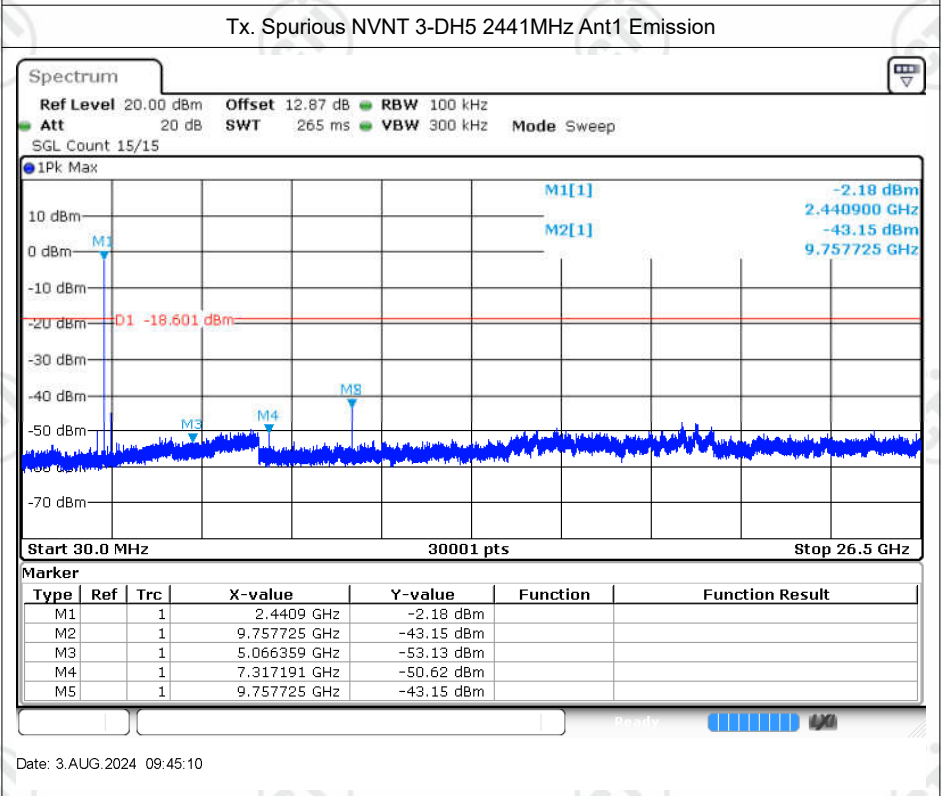


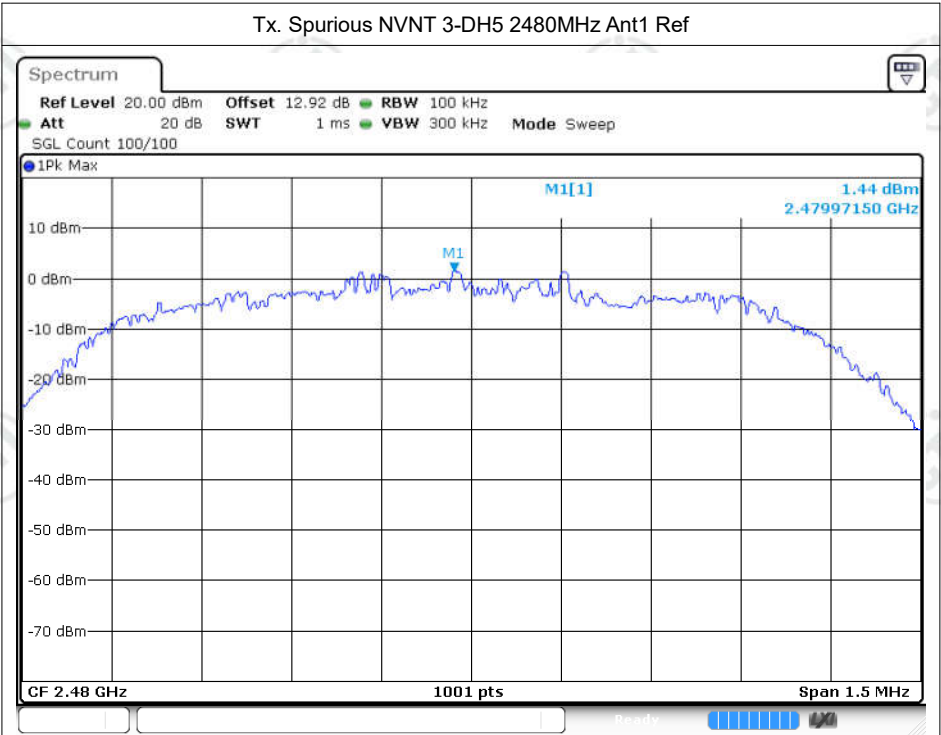
Date: 3.AUG.2024 09:43:43



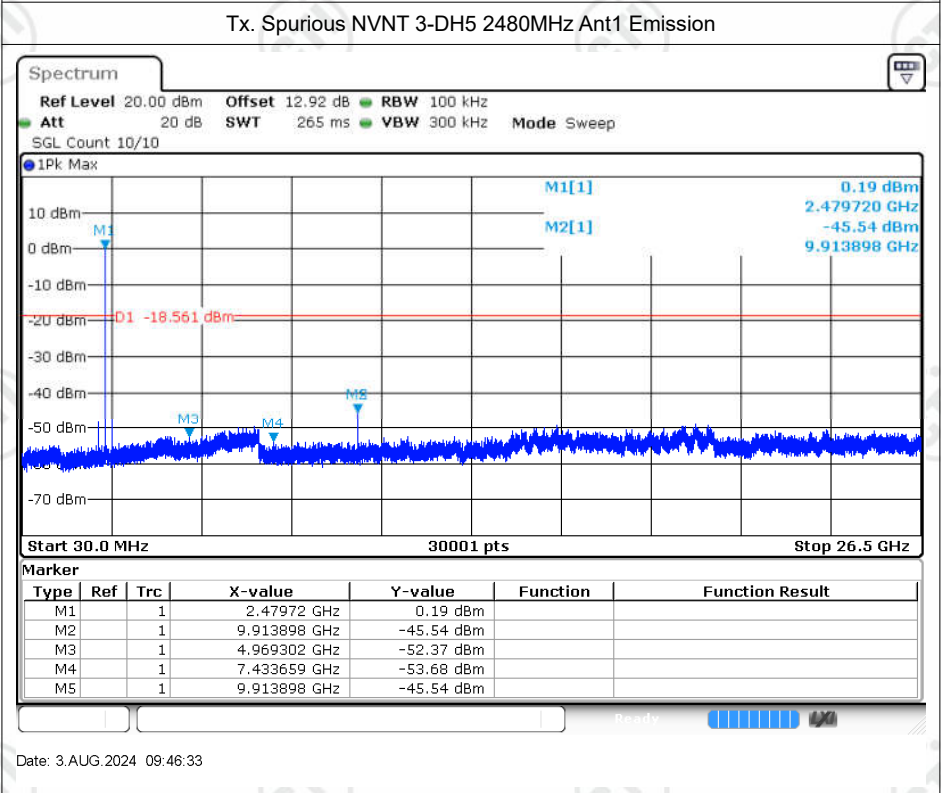


Date: 3.AUG.2024 09:44:54





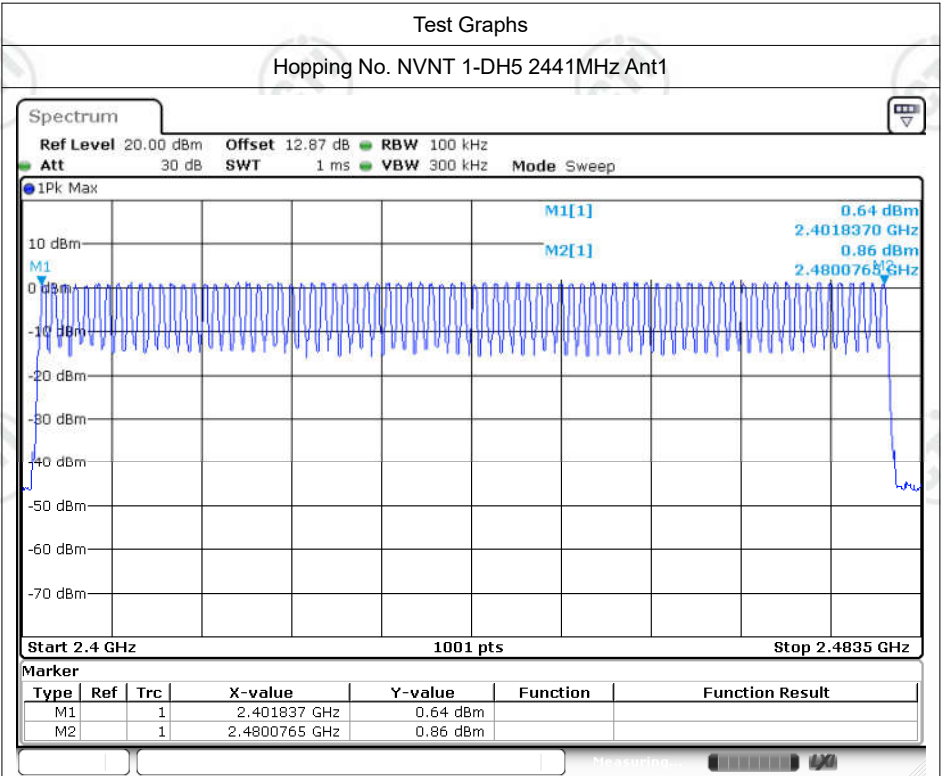
Date: 3.AUG.2024 09:46:22



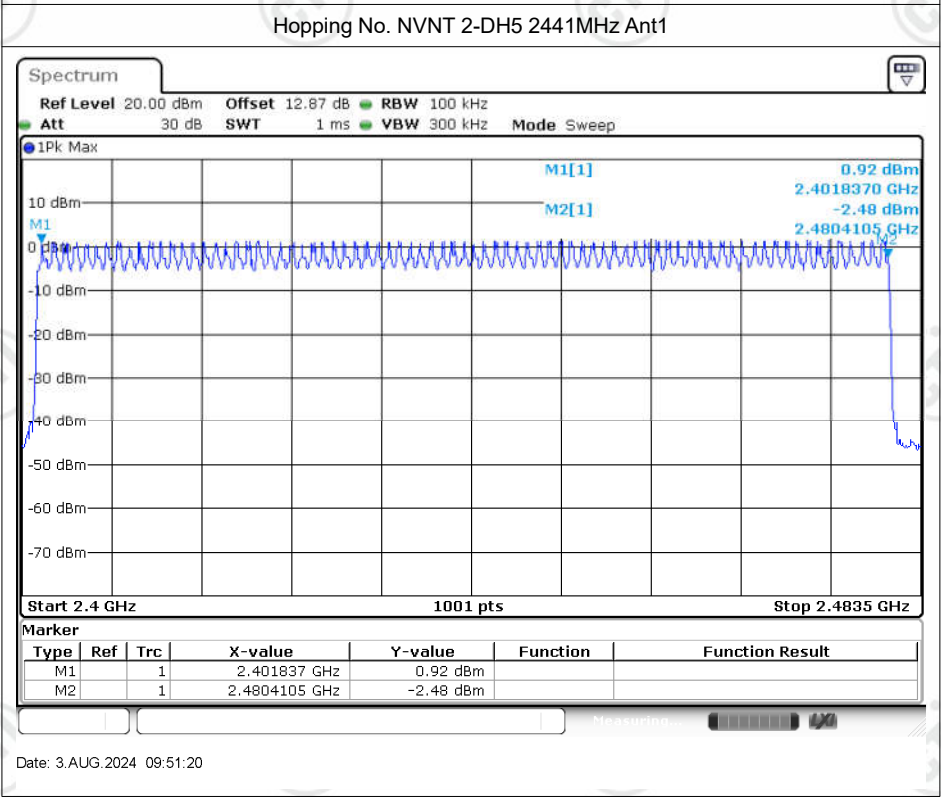
Date: 3.AUG.2024 09:46:33

Number of Hopping Channel

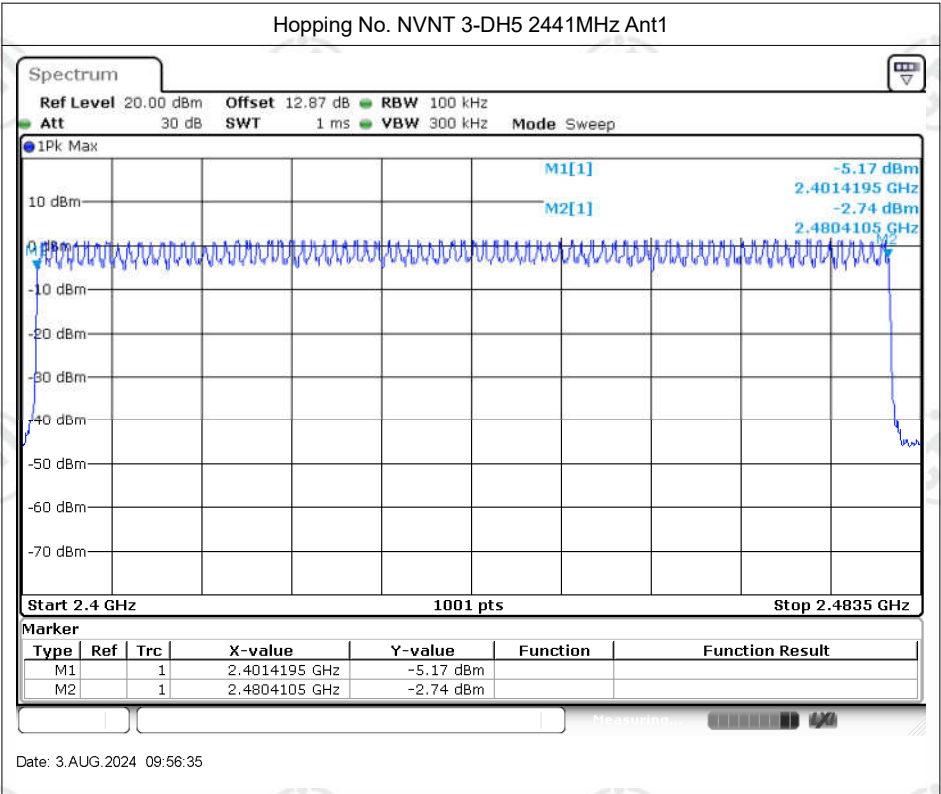
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



Date: 3.AUG.2024 09:48:09



Date: 3.AUG.2024 09:51:20



*** End of Report ***