

Appendix: Bluetooth Classic

Contents

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

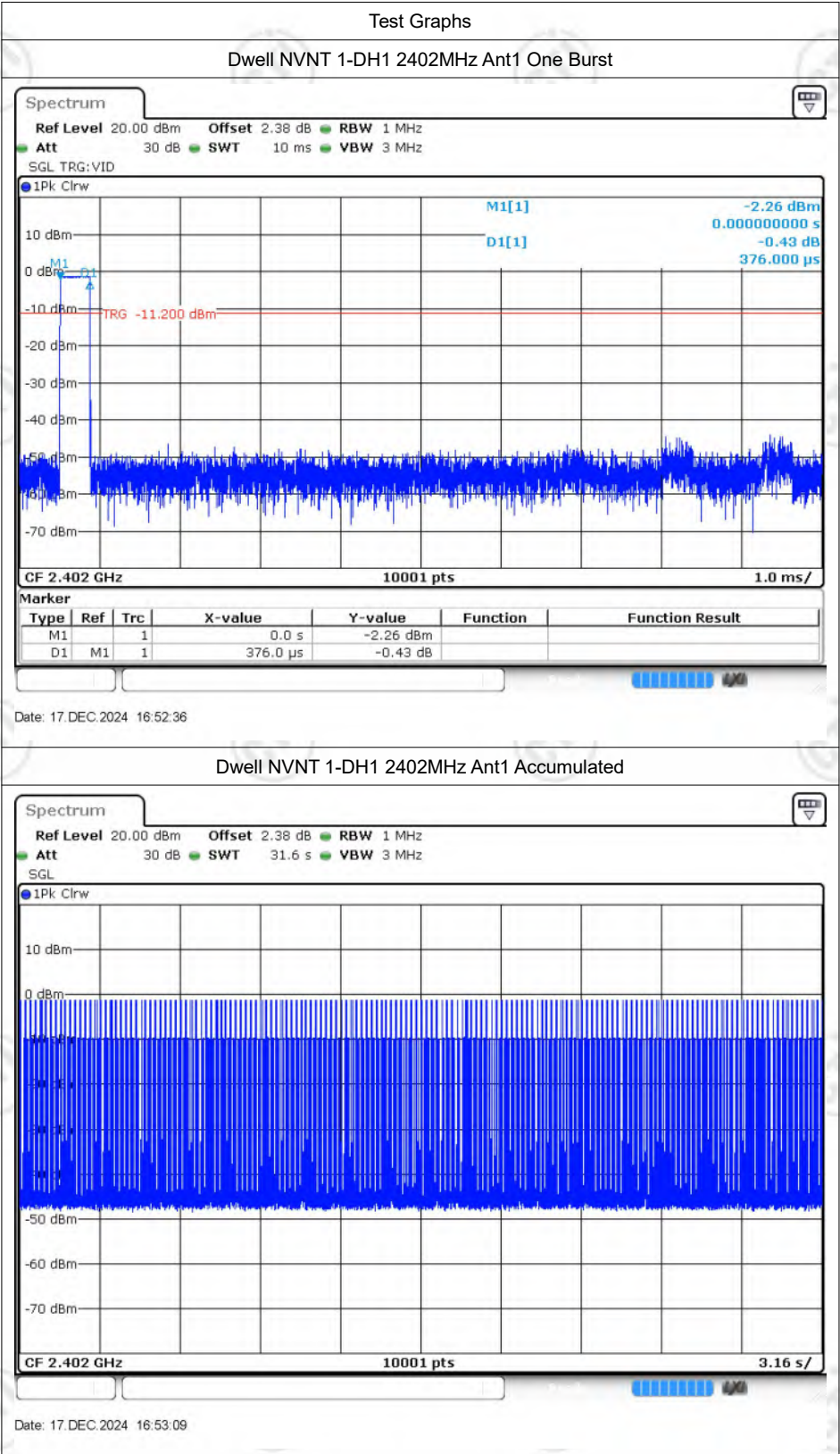
Band Edge(Hopping) 50

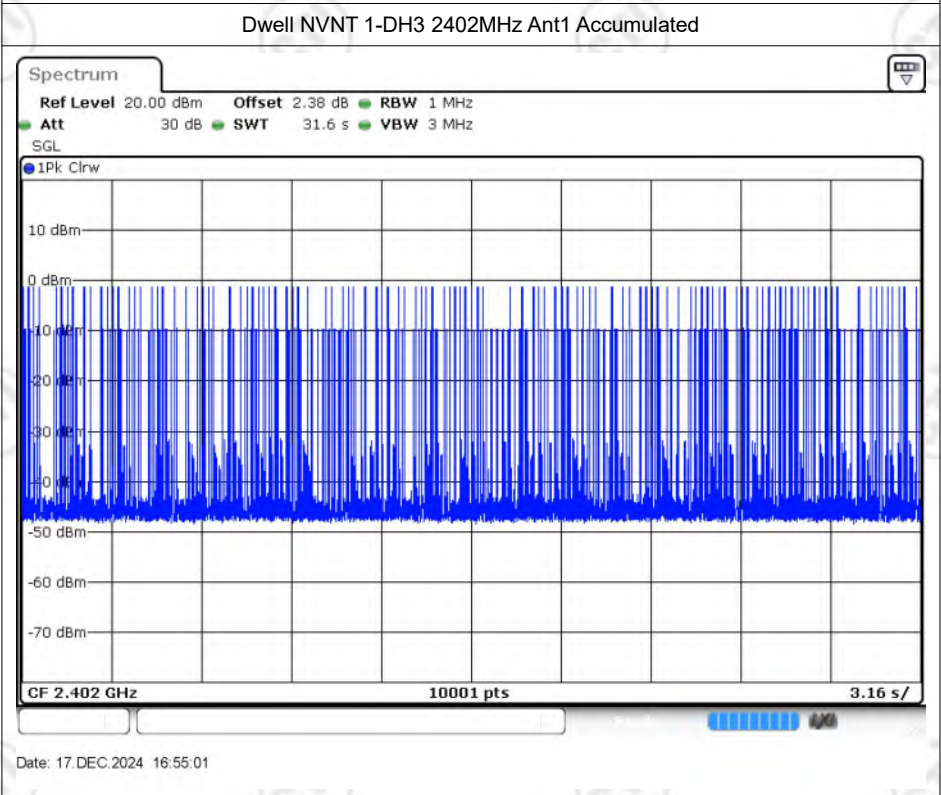
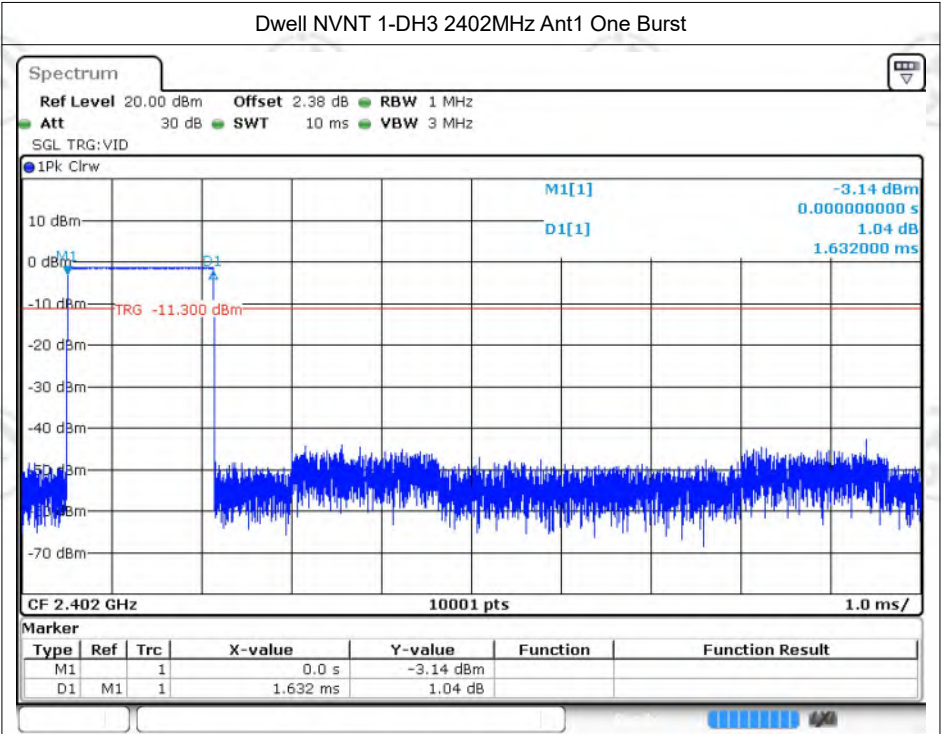
Conducted RF Spurious Emission 57

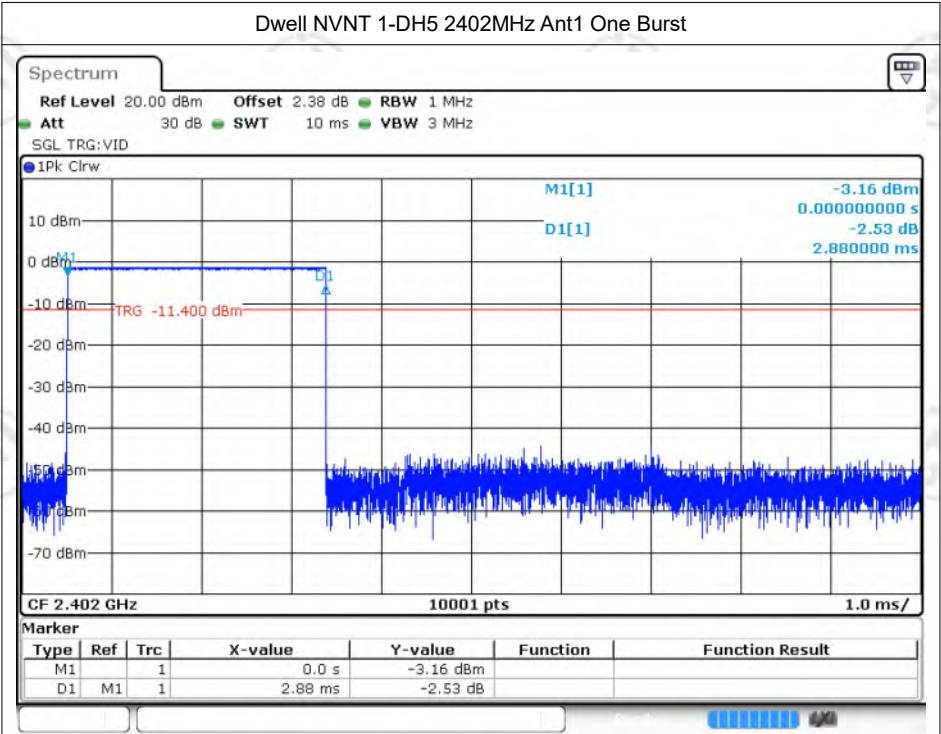
Number of Hopping Channel 67

Dwell Time

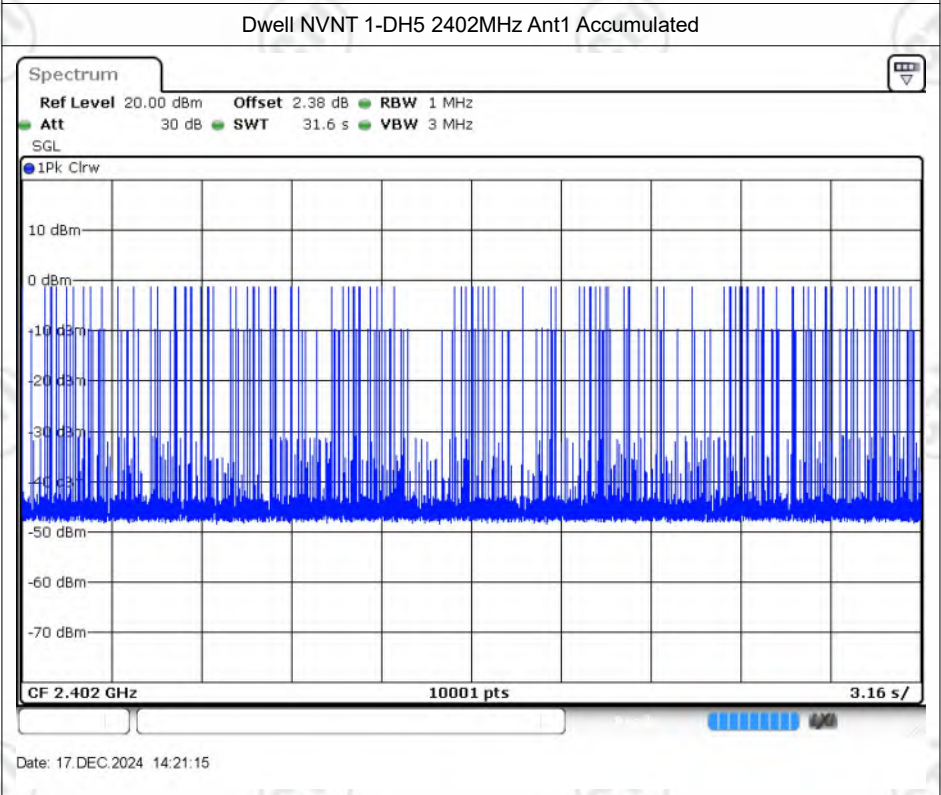
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2402	Ant1	0.376	118.44	315	31600	400	Pass
NVNT	1-DH3	2402	Ant1	1.632	249.696	153	31600	400	Pass
NVNT	1-DH5	2402	Ant1	2.88	296.64	103	31600	400	Pass
NVNT	2-DH1	2402	Ant1	0.385	122.045	317	31600	400	Pass
NVNT	2-DH3	2402	Ant1	1.638	265.356	162	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.886	277.056	96	31600	400	Pass
NVNT	3-DH1	2402	Ant1	0.387	123.453	319	31600	400	Pass
NVNT	3-DH3	2402	Ant1	1.637	248.824	152	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.887	251.169	87	31600	400	Pass



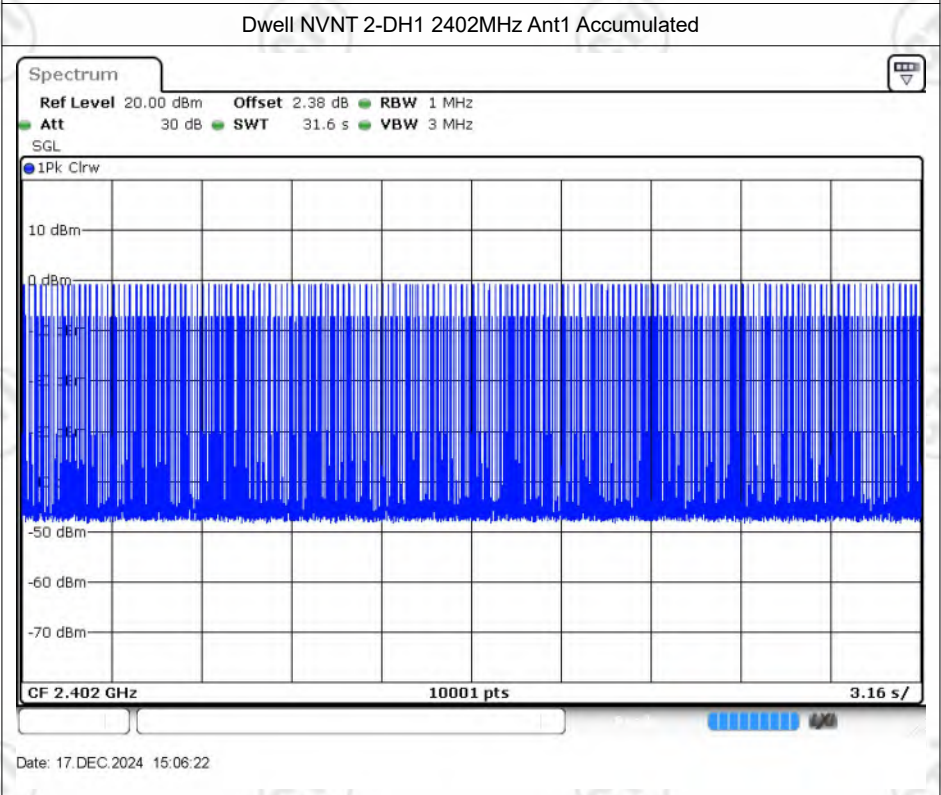
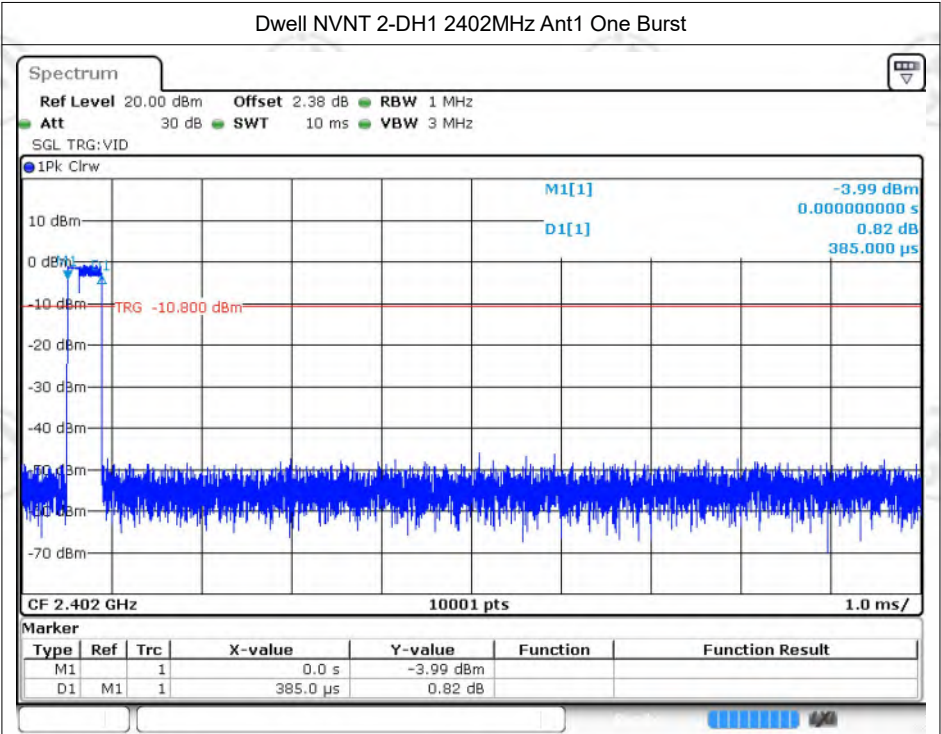


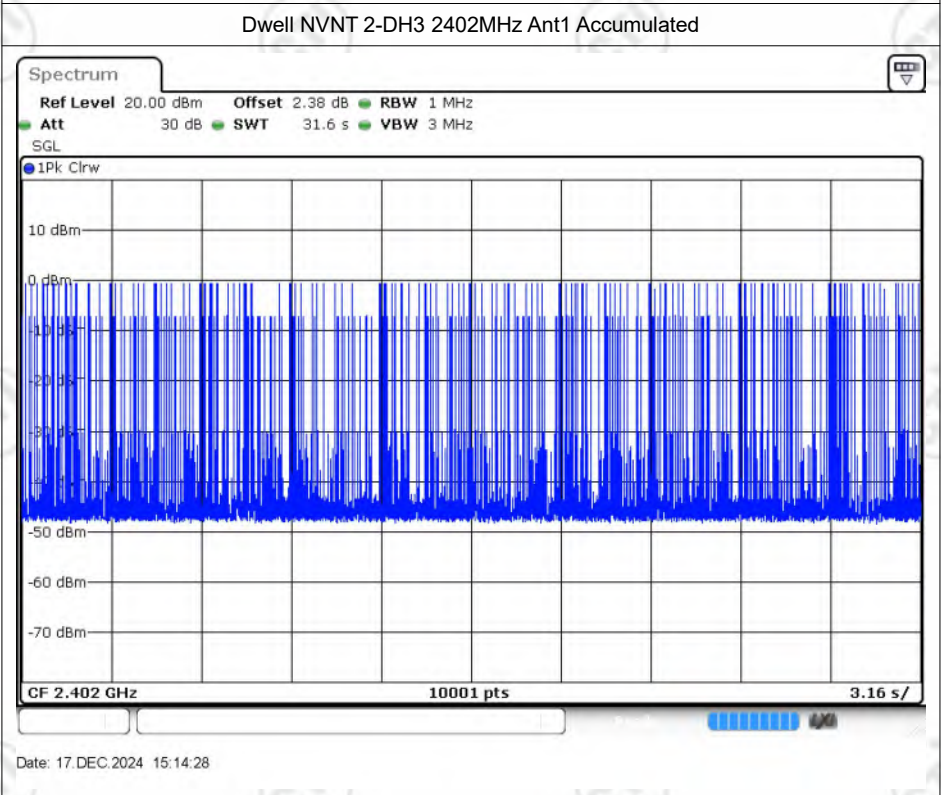
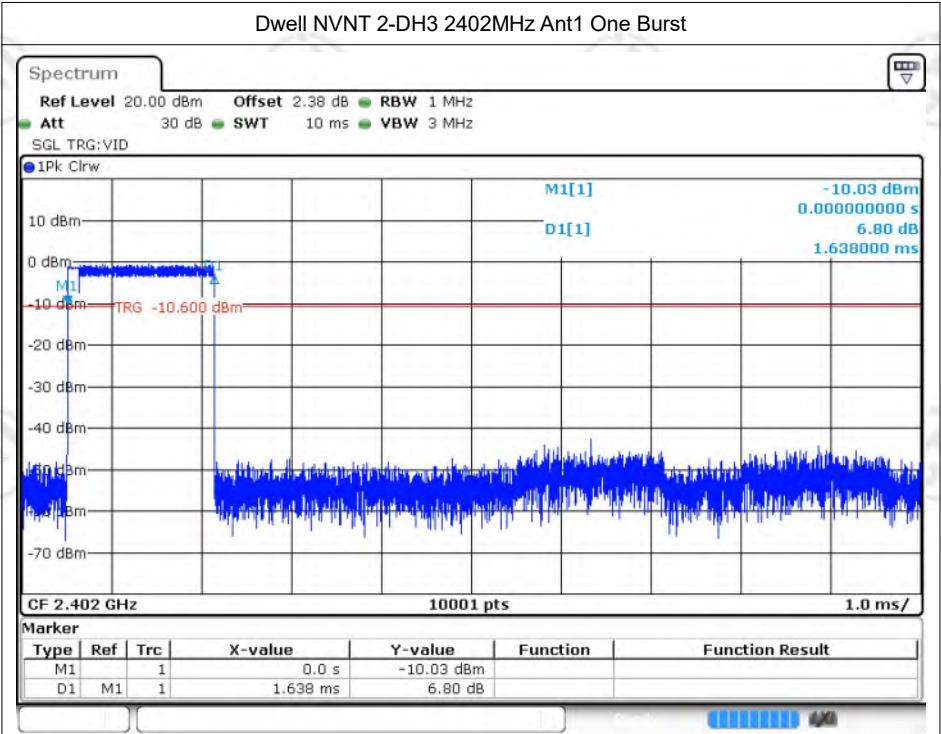


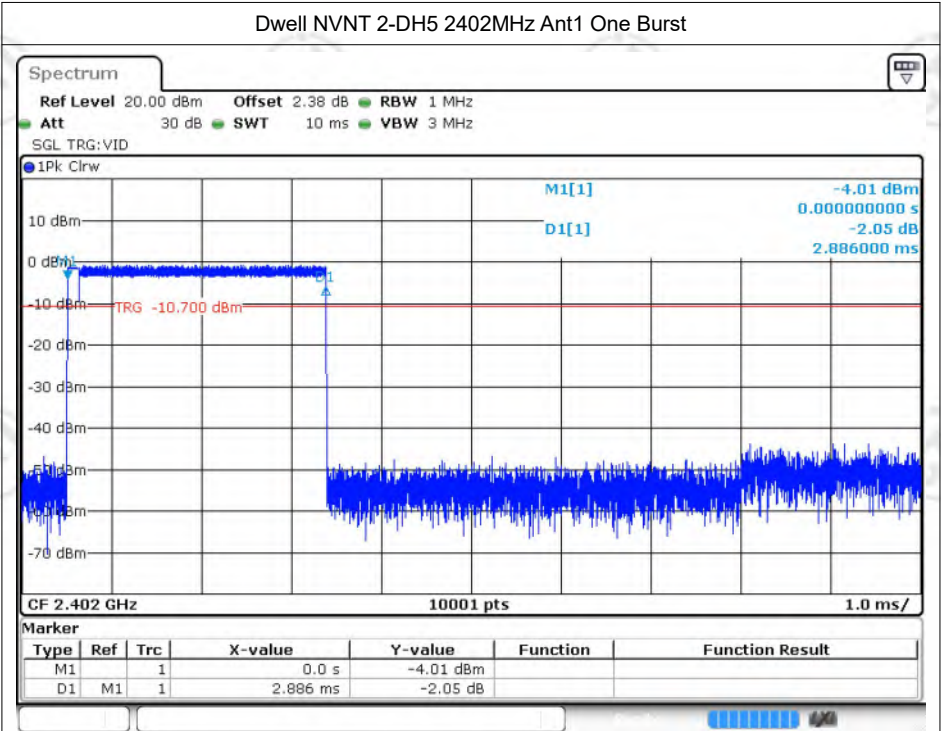
Date: 17. DEC. 2024 14:20:42



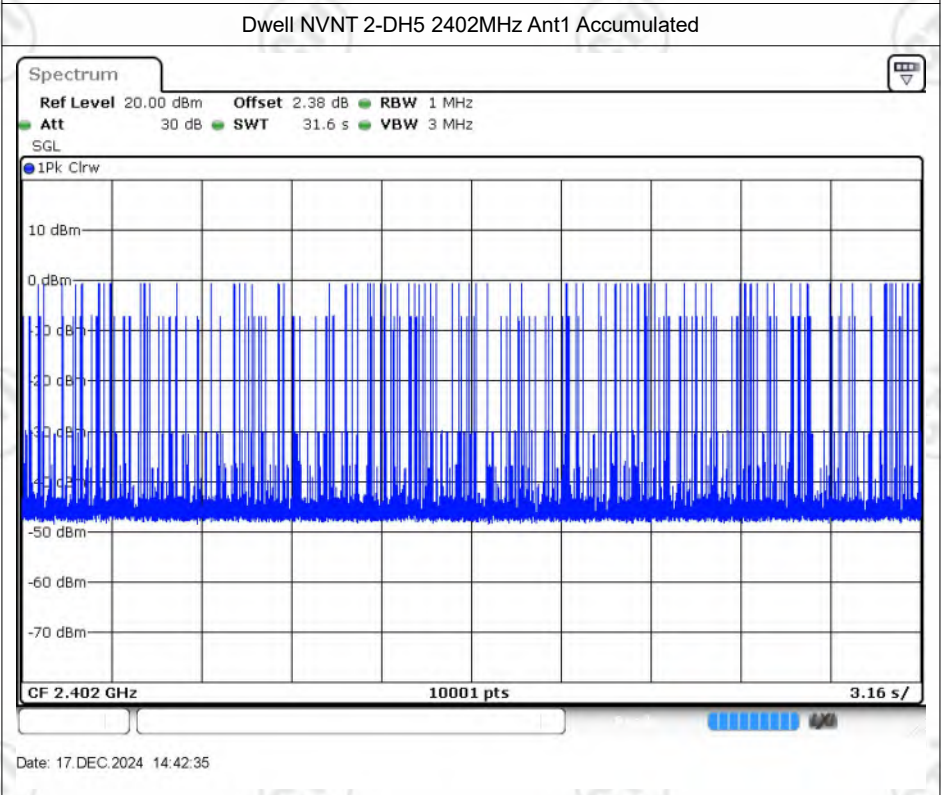
Date: 17. DEC. 2024 14:21:15



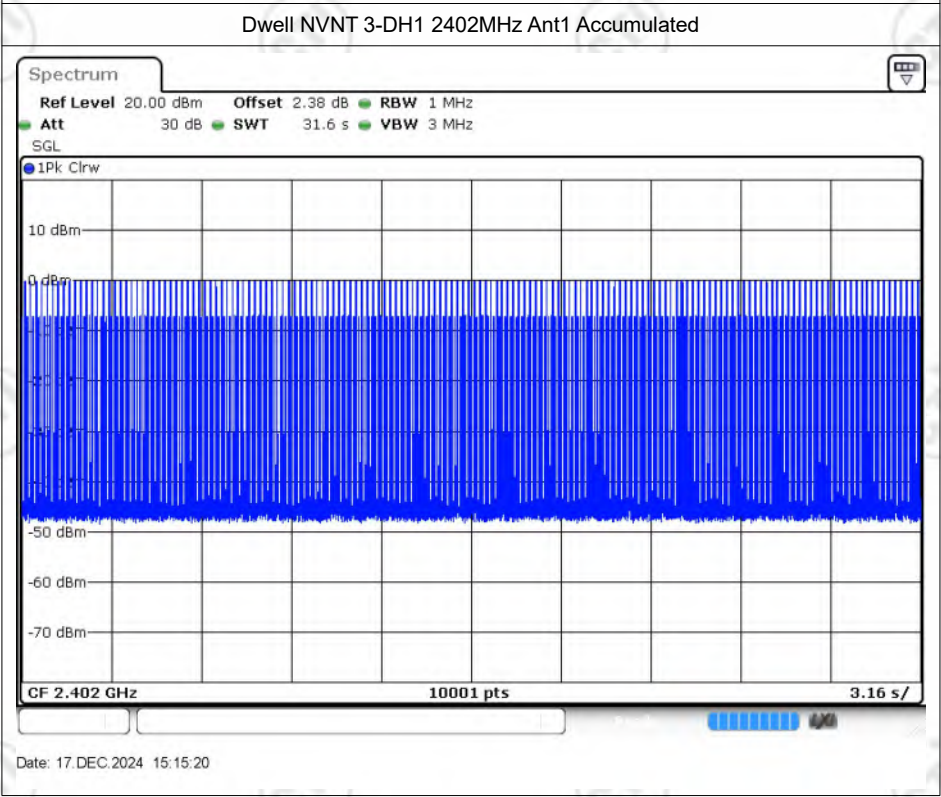
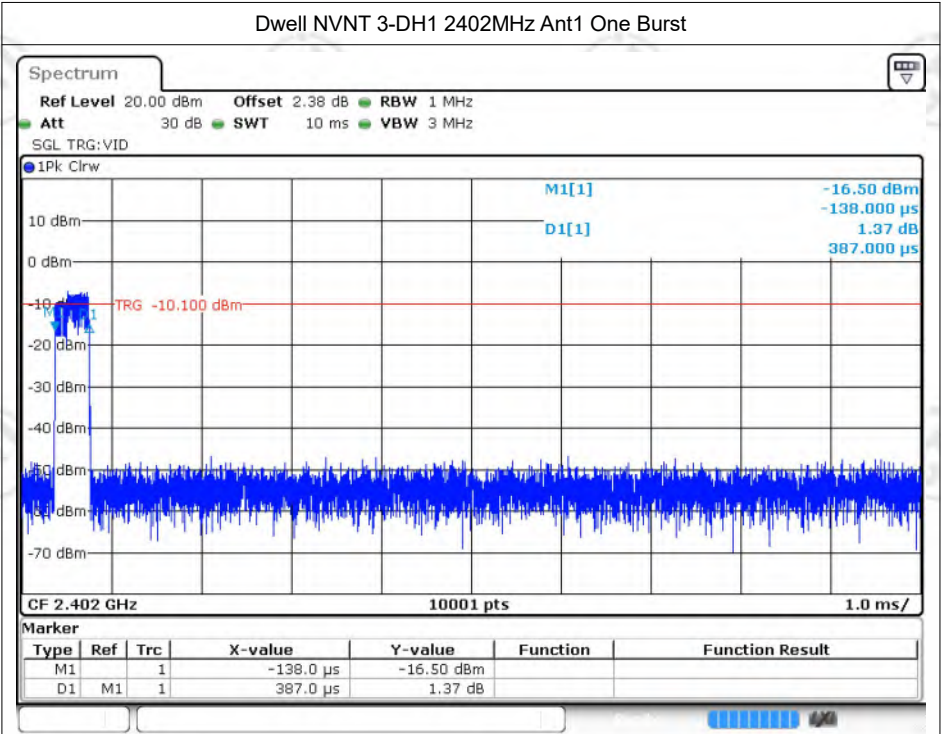


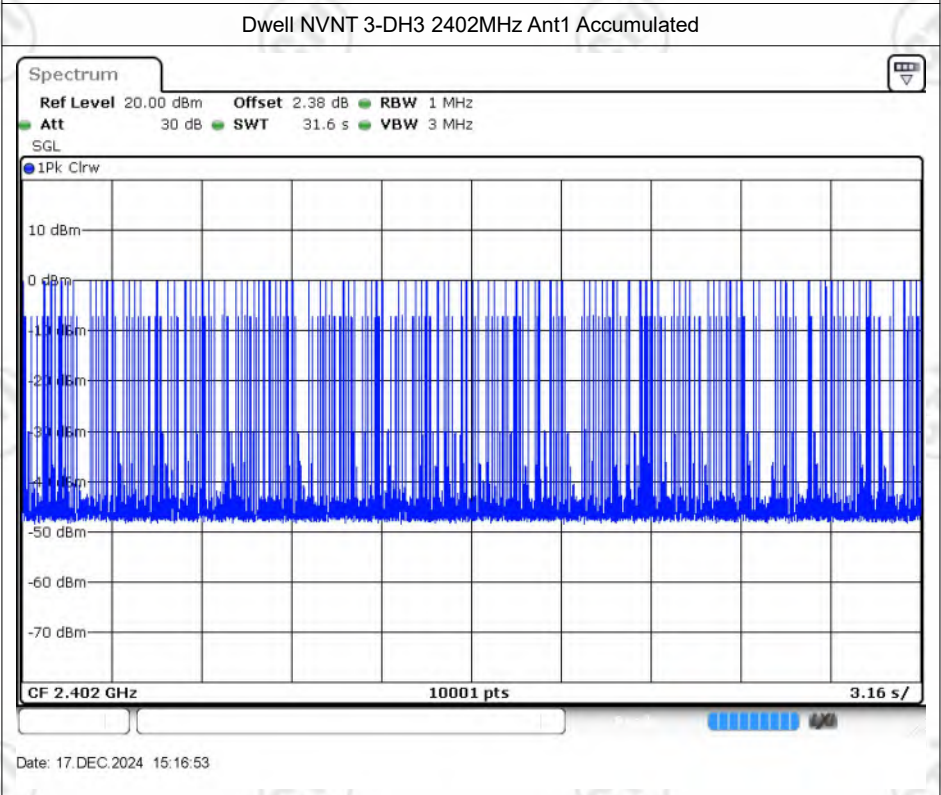
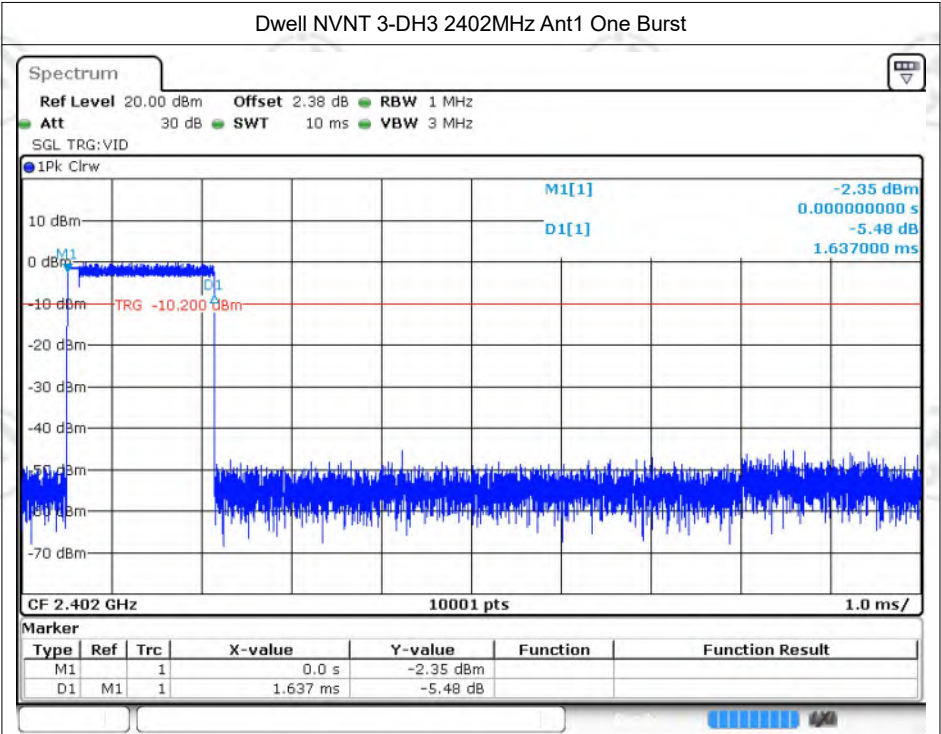


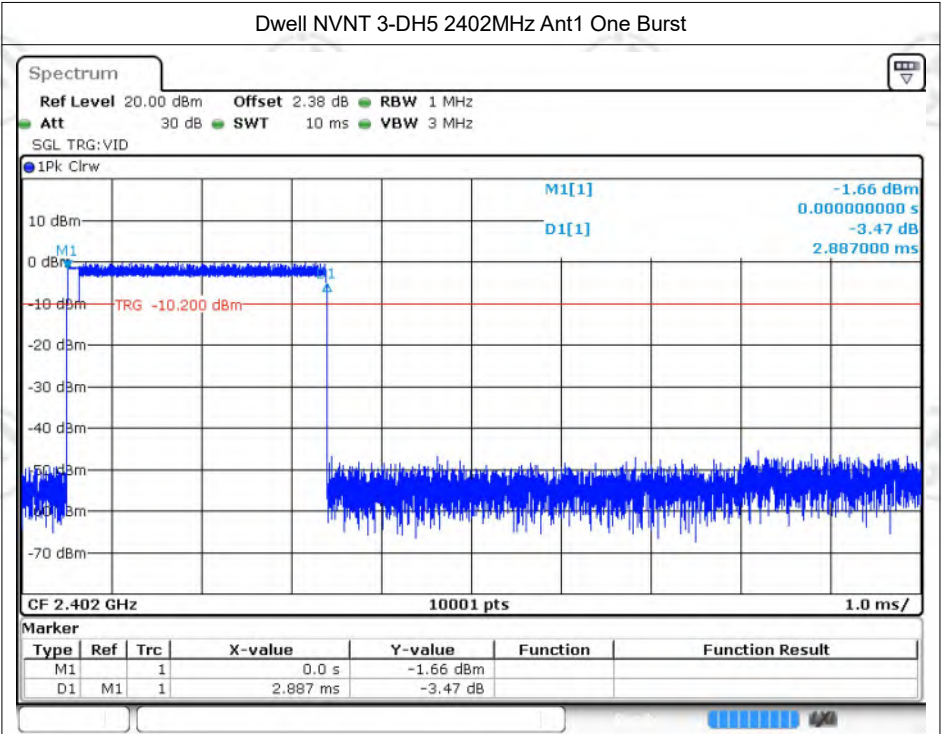
Date: 17. DEC. 2024 14:42:02



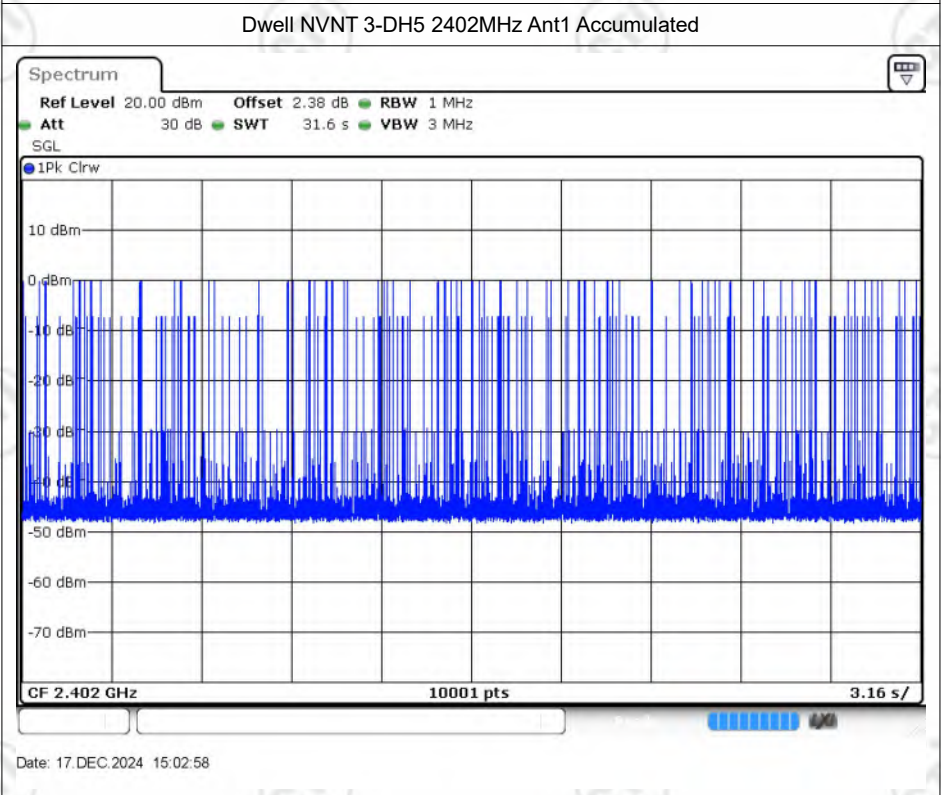
Date: 17. DEC. 2024 14:42:35







Date: 17 DEC 2024 15:02:25

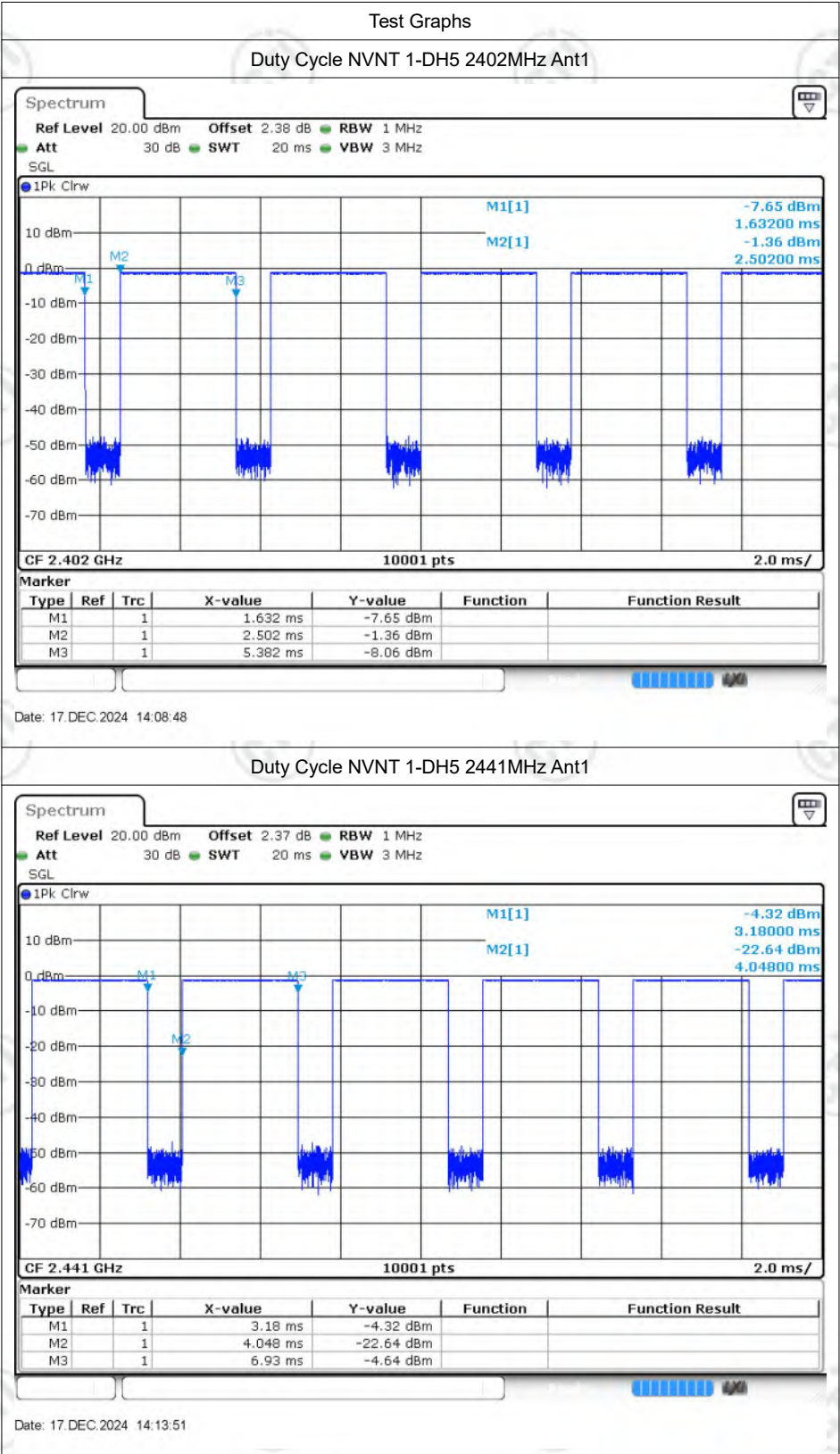


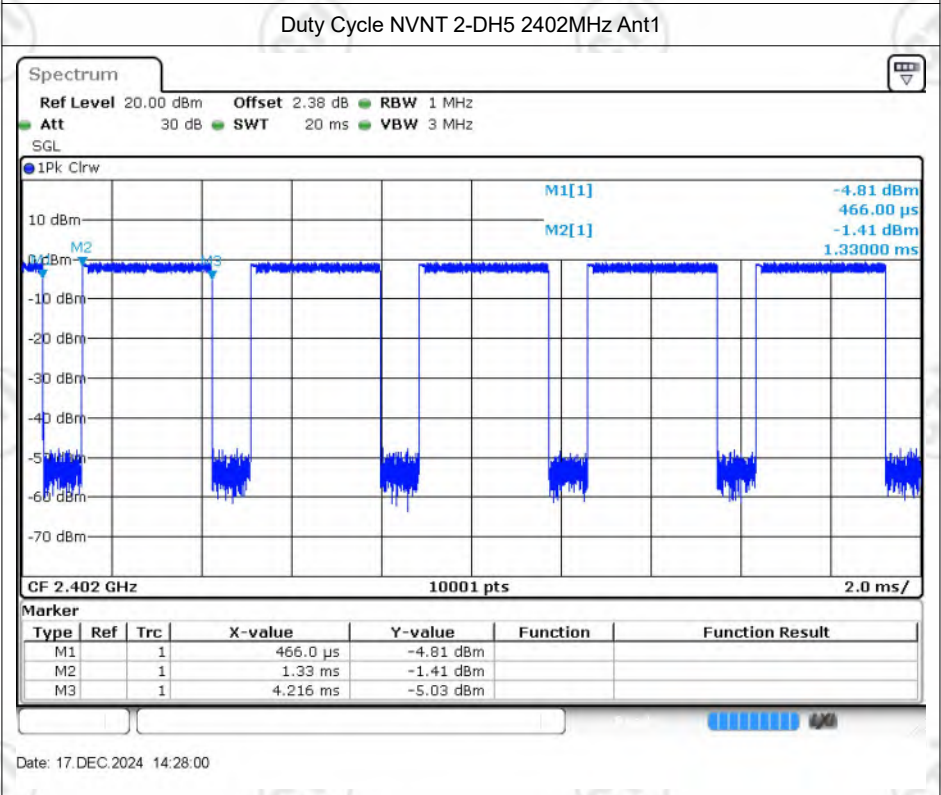
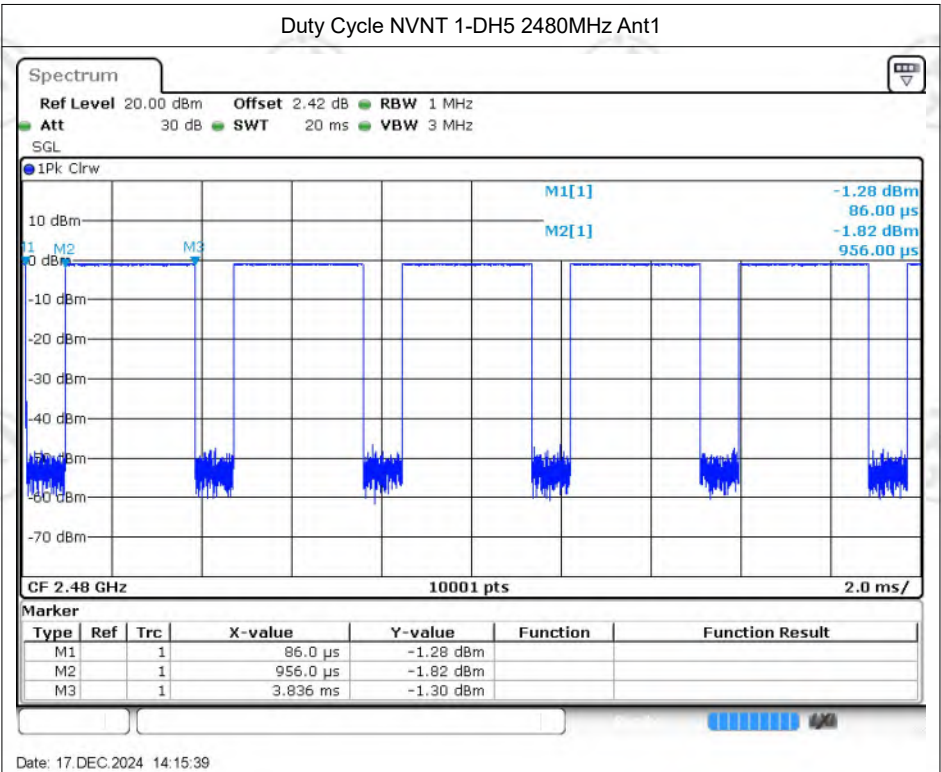
Date: 17 DEC 2024 15:02:58

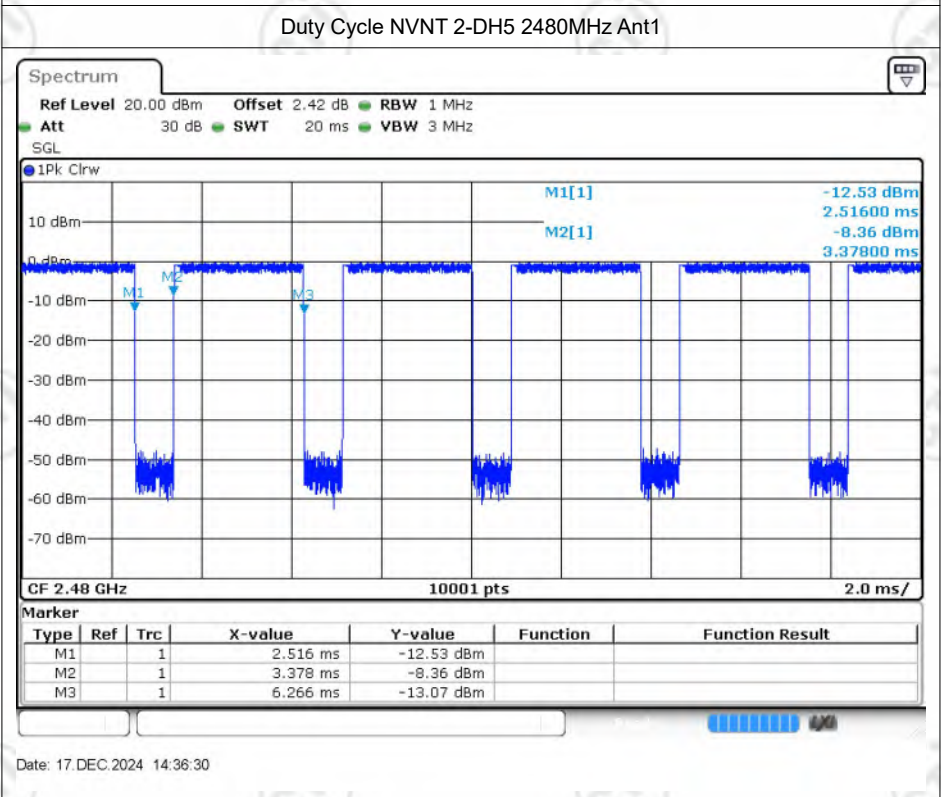
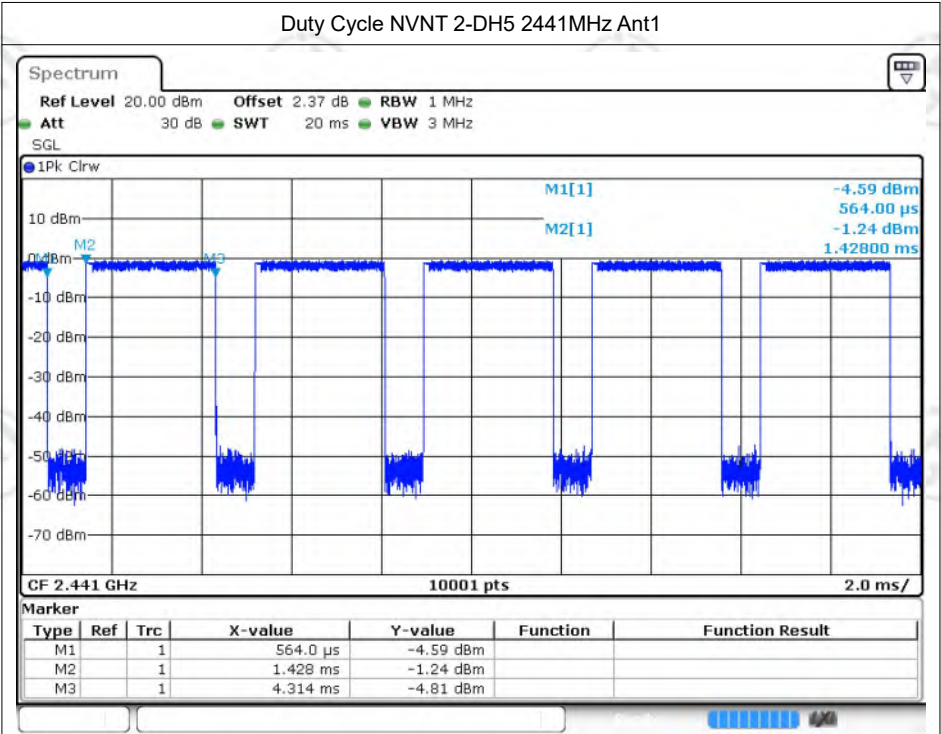
Duty Cycle

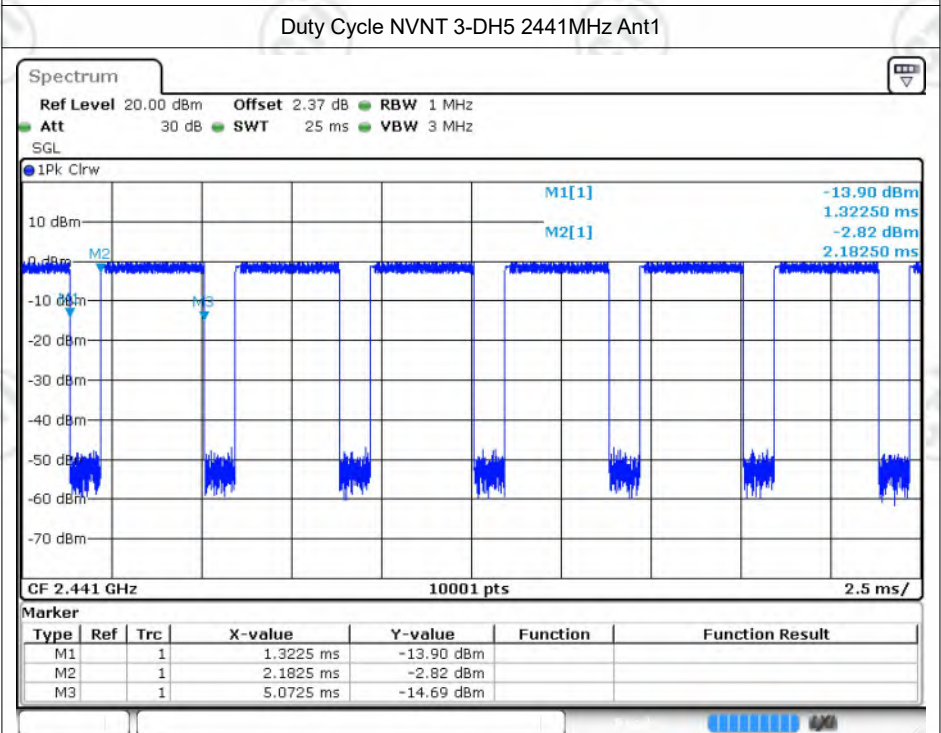
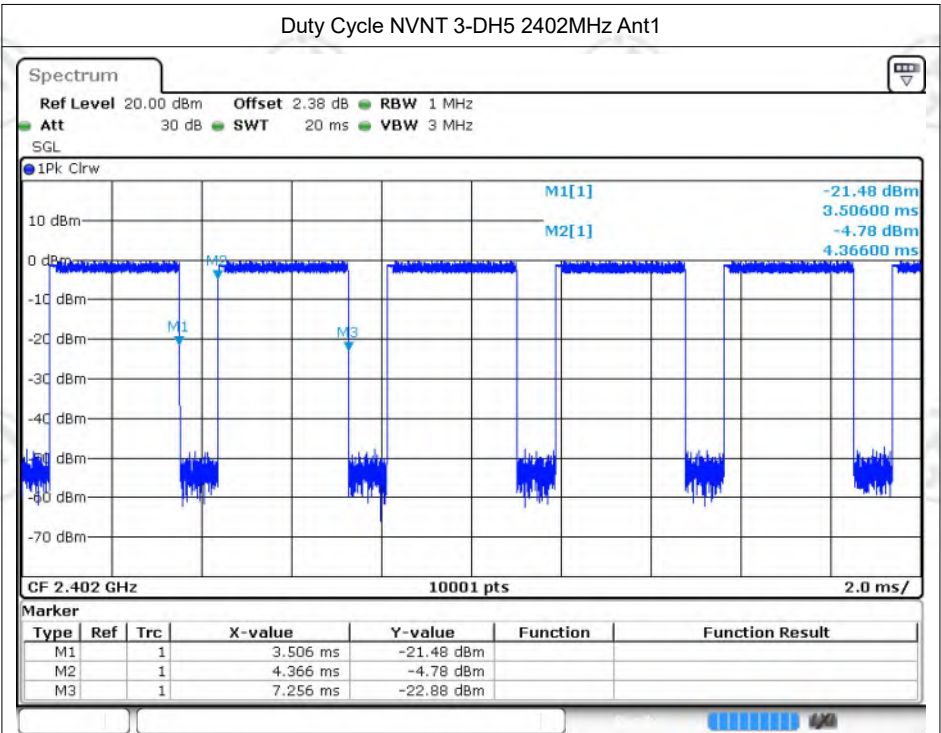
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	76.8	1.15	0.35
NVNT	1-DH5	2441	Ant1	76.85	1.14	0.35
NVNT	1-DH5	2480	Ant1	76.8	1.15	0.35
NVNT	2-DH5	2402	Ant1	76.96	1.14	0.35
NVNT	2-DH5	2441	Ant1	76.96	1.14	0.35
NVNT	2-DH5	2480	Ant1	77.01	1.13	0.35
NVNT	3-DH5	2402	Ant1	77.07	1.13	0.35
NVNT	3-DH5	2441	Ant1	77.07	1.13	0.35
NVNT	3-DH5	2480	Ant1	77	1.14	0.35

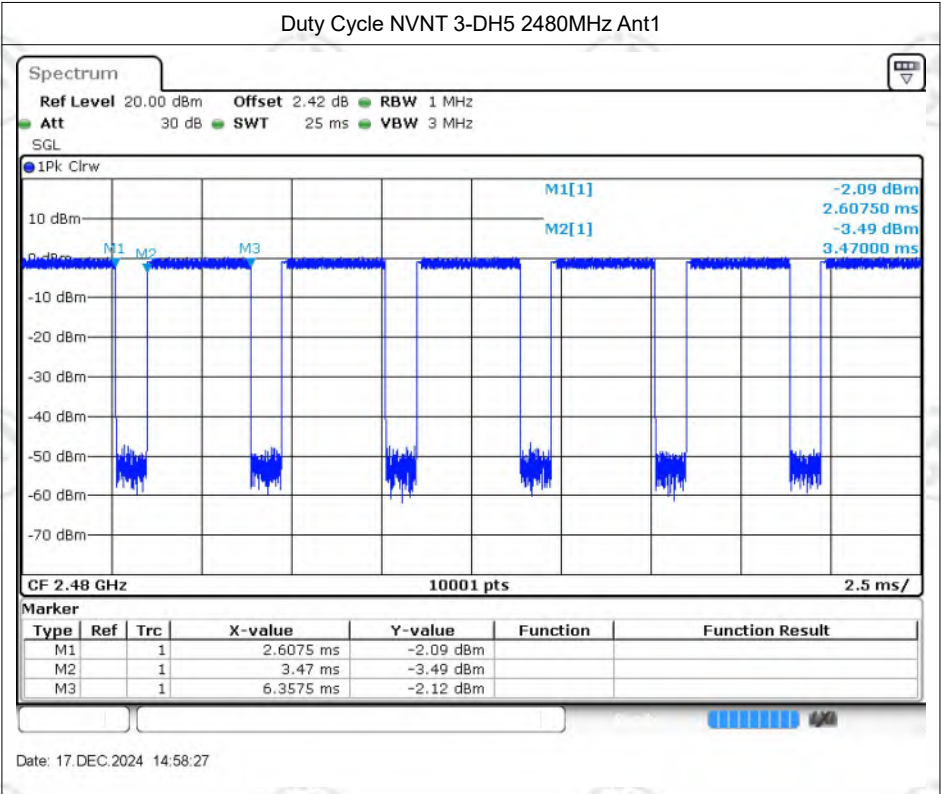
Note:Duty Cycle Correction Factor (dB)=-10*Ig(Duty Cycle);





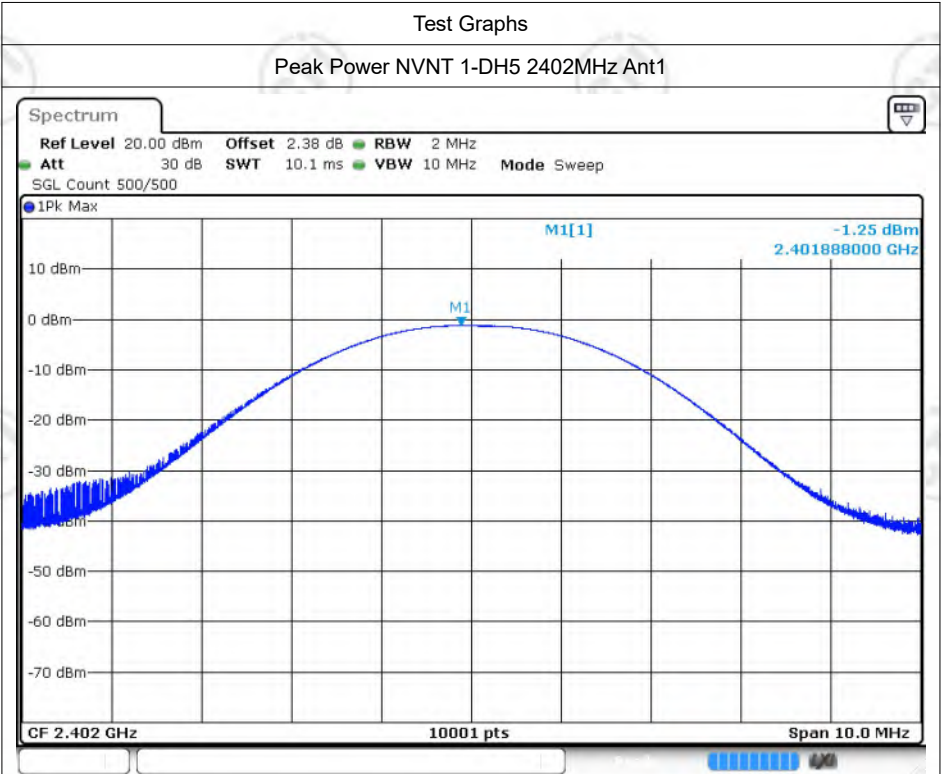




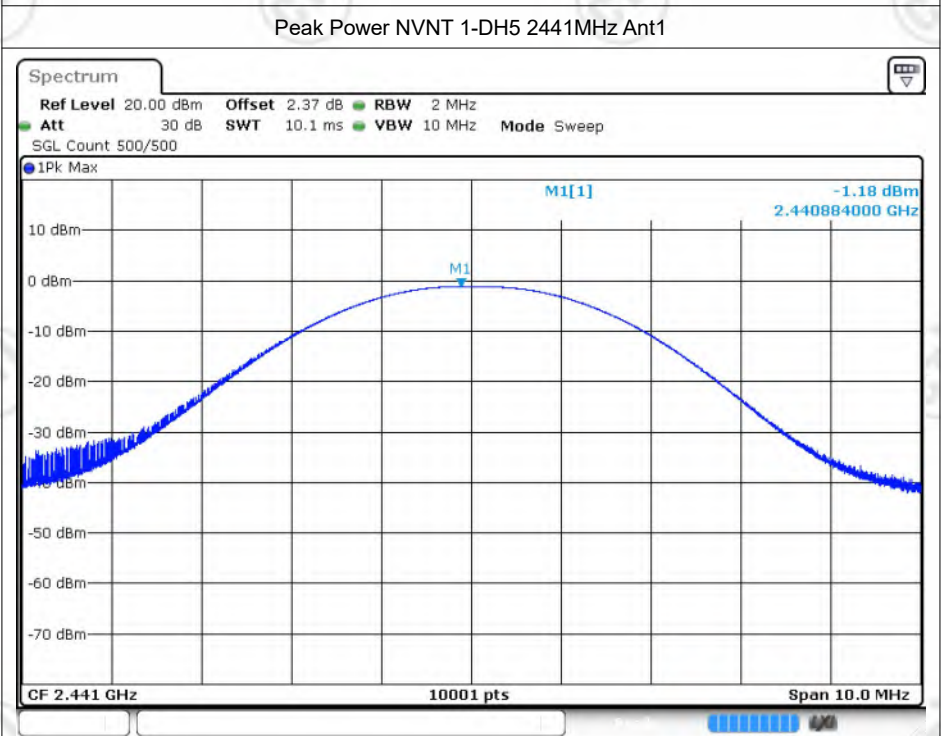


Maximum Peak Conducted Output Power

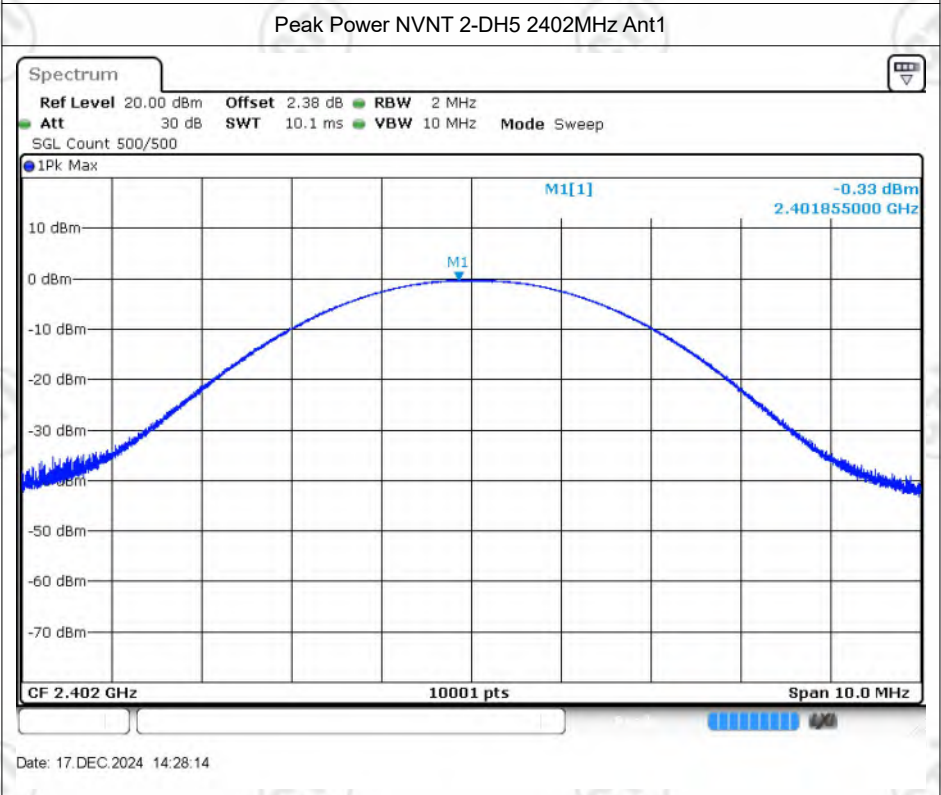
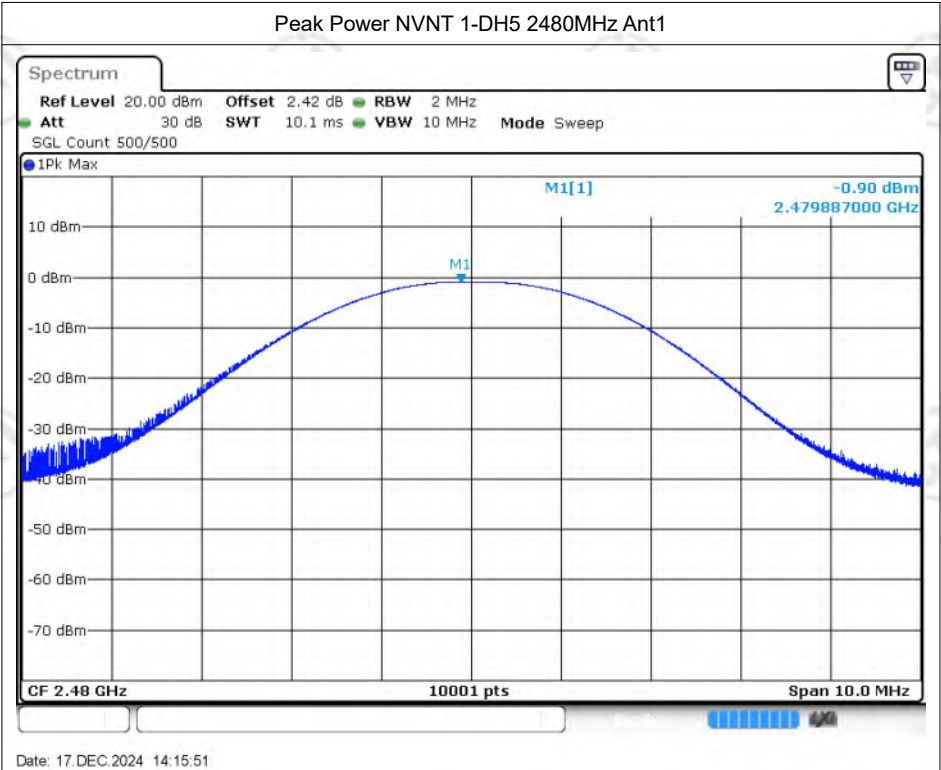
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-1.25	21	Pass
NVNT	1-DH5	2441	Ant1	-1.18	21	Pass
NVNT	1-DH5	2480	Ant1	-0.90	21	Pass
NVNT	2-DH5	2402	Ant1	-0.33	21	Pass
NVNT	2-DH5	2441	Ant1	-0.19	21	Pass
NVNT	2-DH5	2480	Ant1	0.07	21	Pass
NVNT	3-DH5	2402	Ant1	0.15	21	Pass
NVNT	3-DH5	2441	Ant1	0.33	21	Pass
NVNT	3-DH5	2480	Ant1	0.57	21	Pass

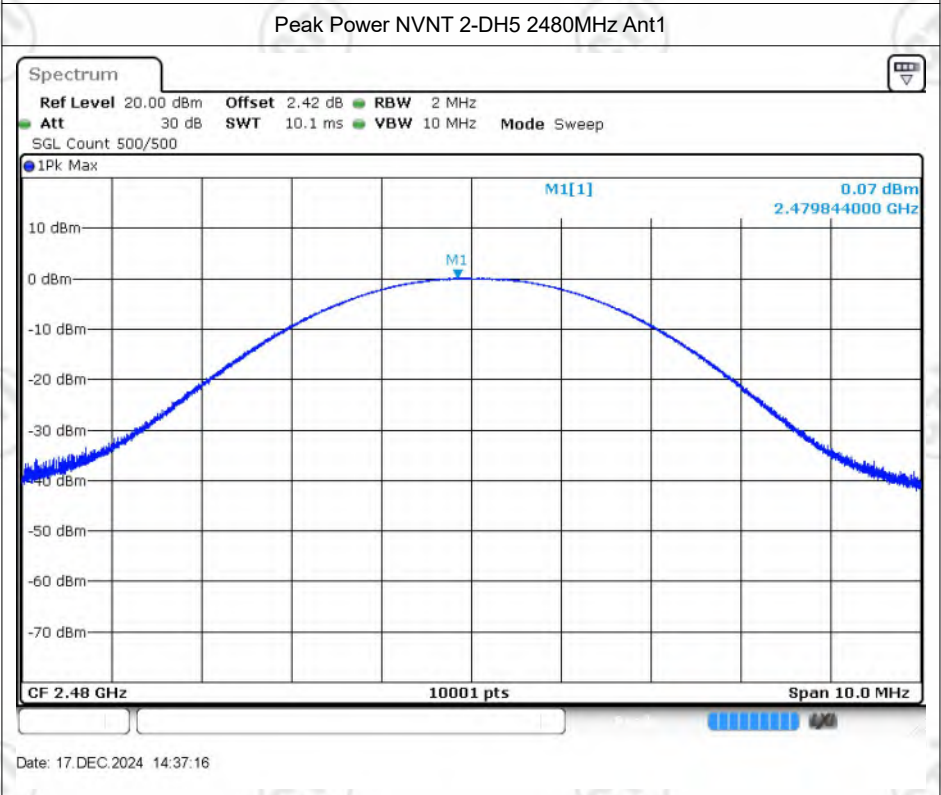
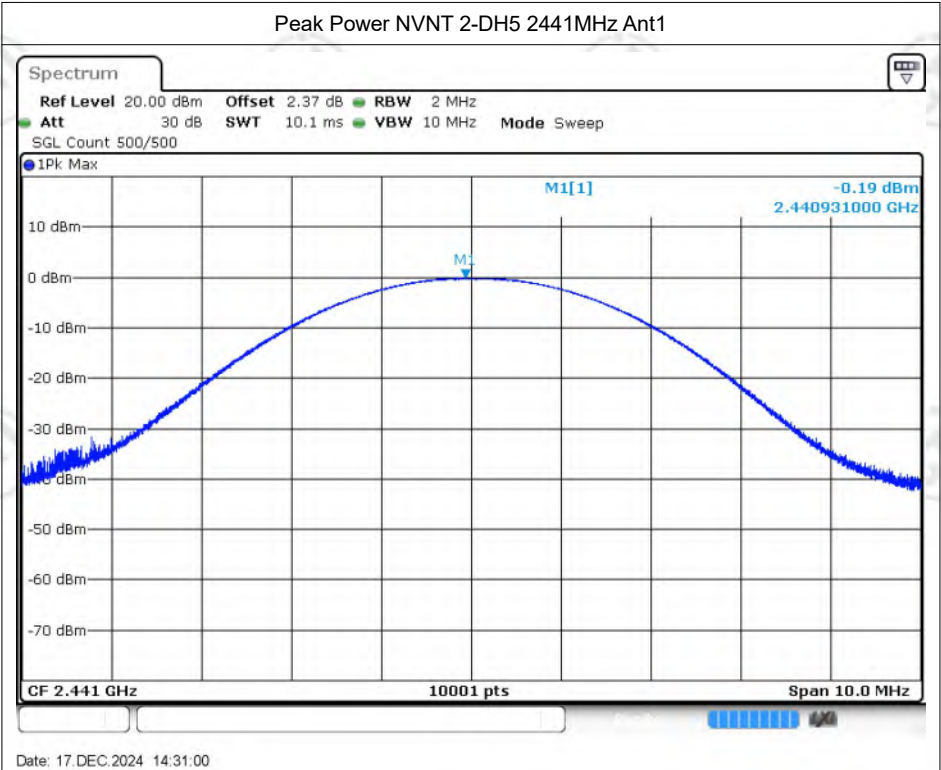


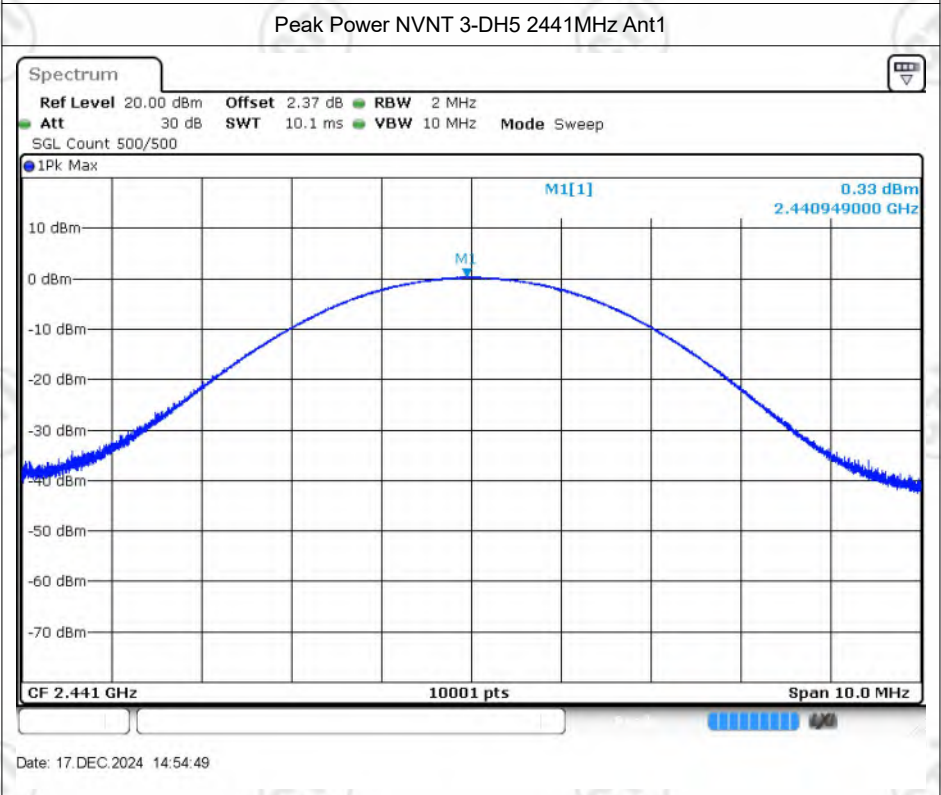
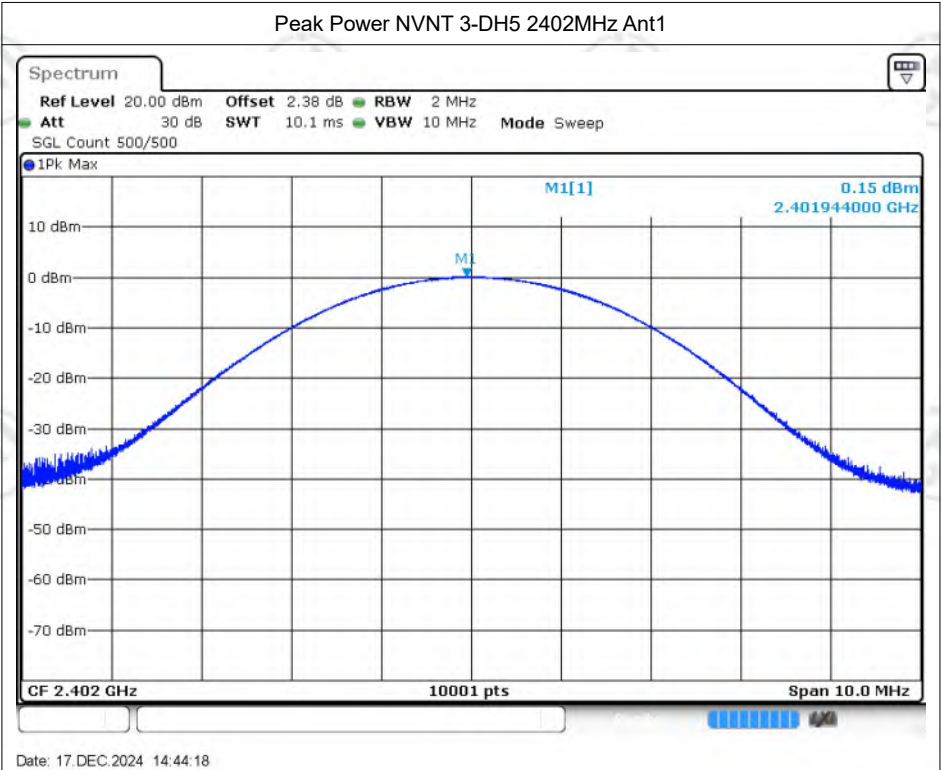
Date: 17 DEC 2024 14:08:13

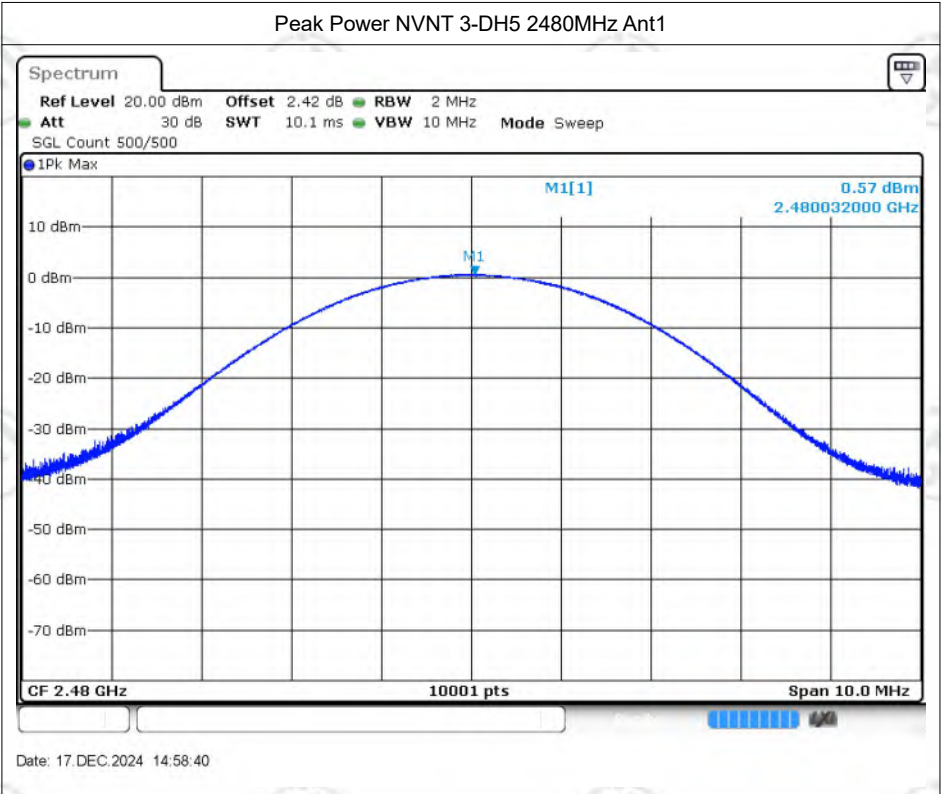


Date: 17 DEC 2024 14:14:07



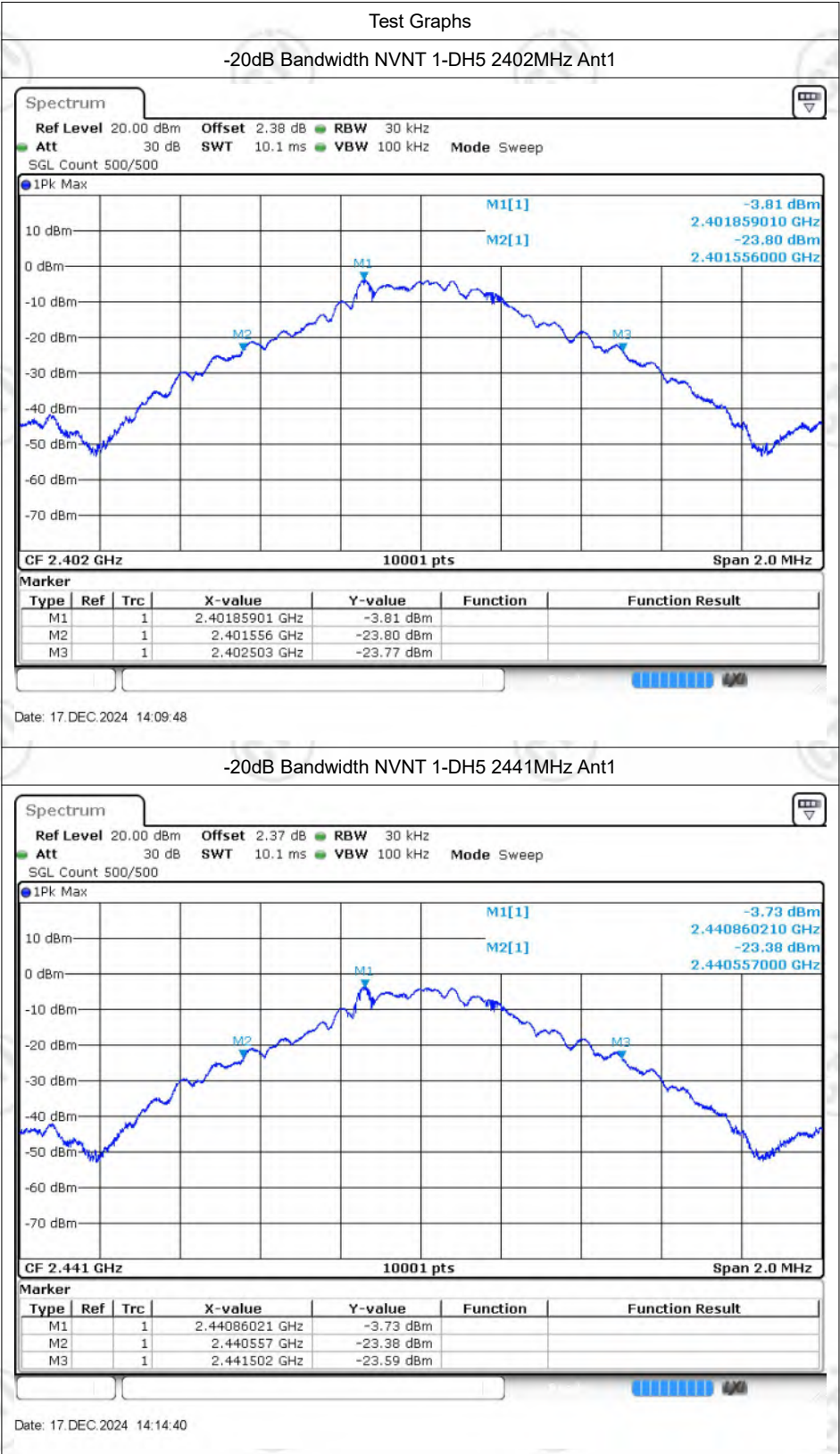


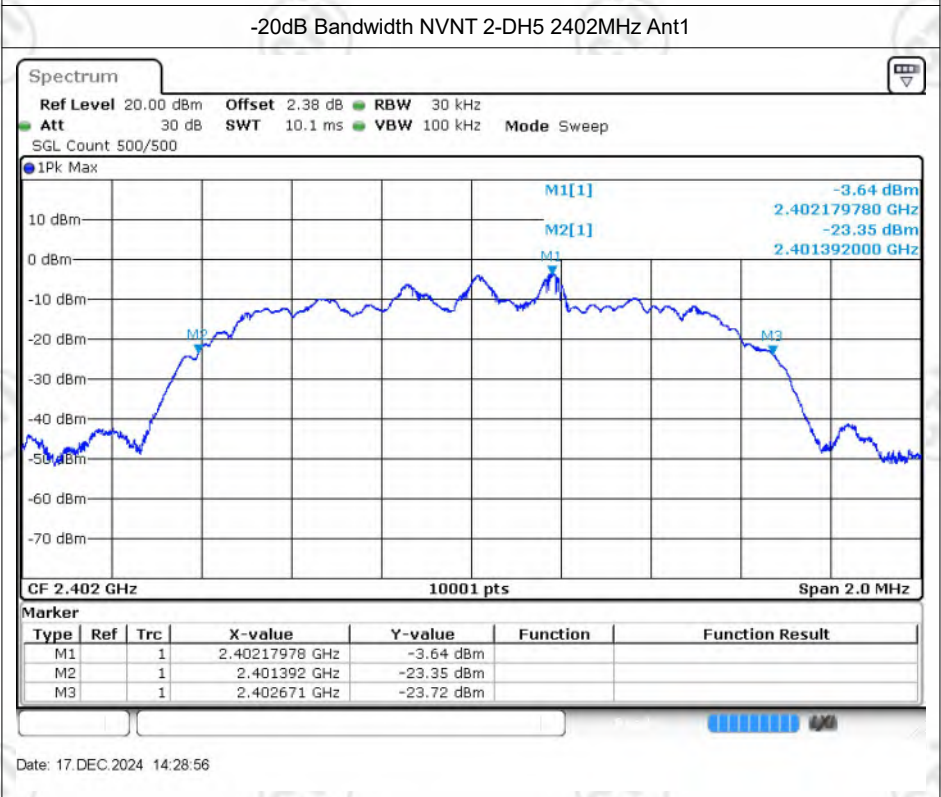
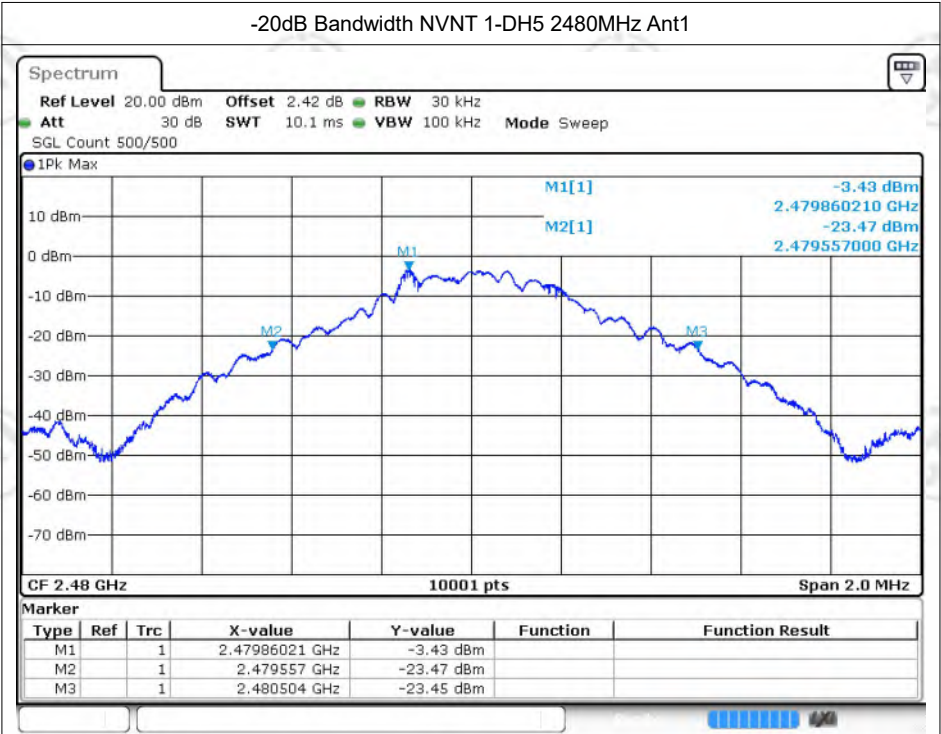


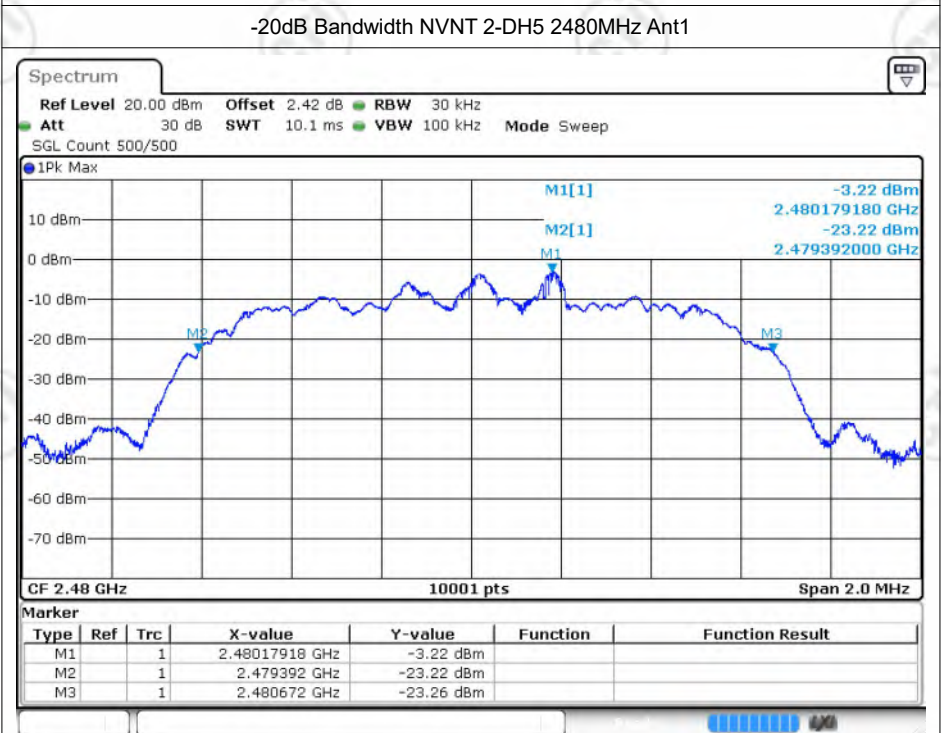
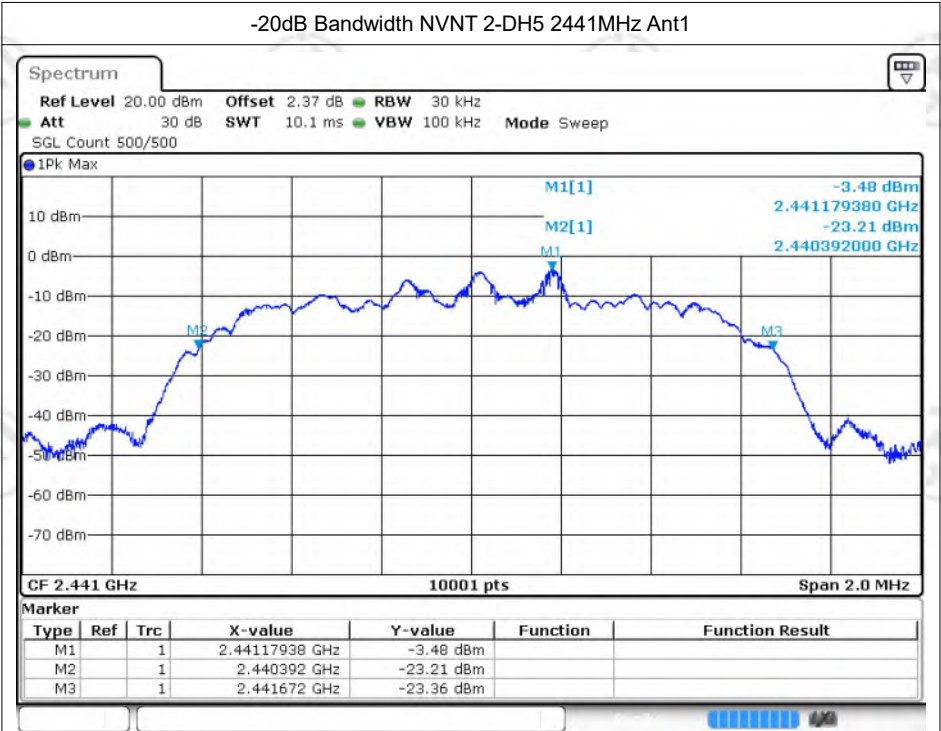


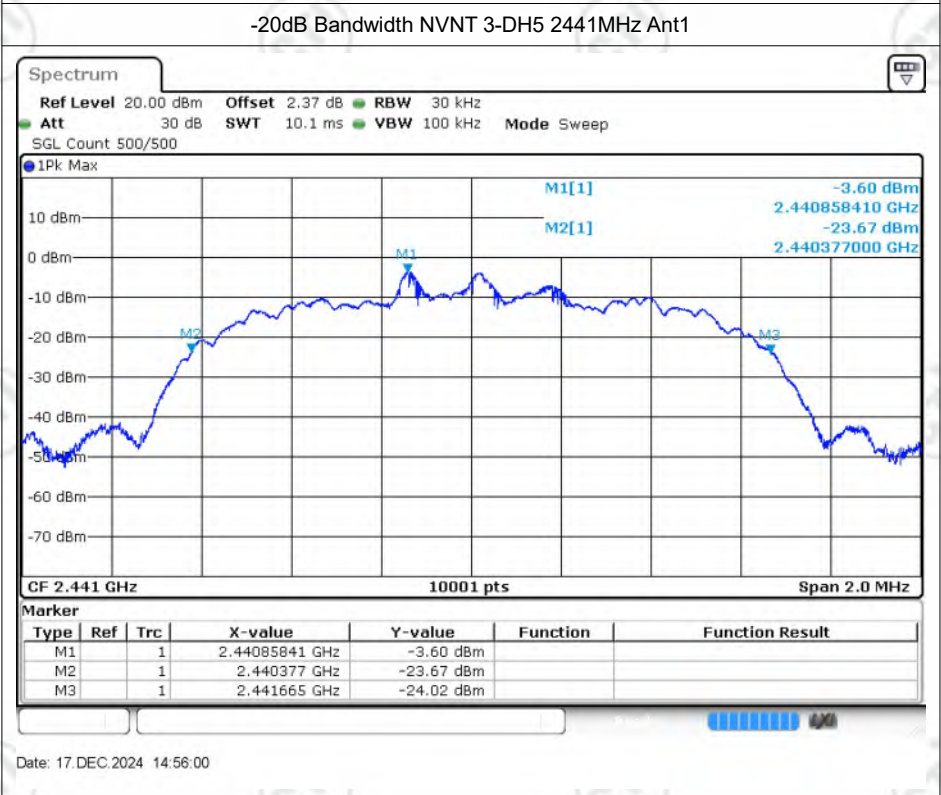
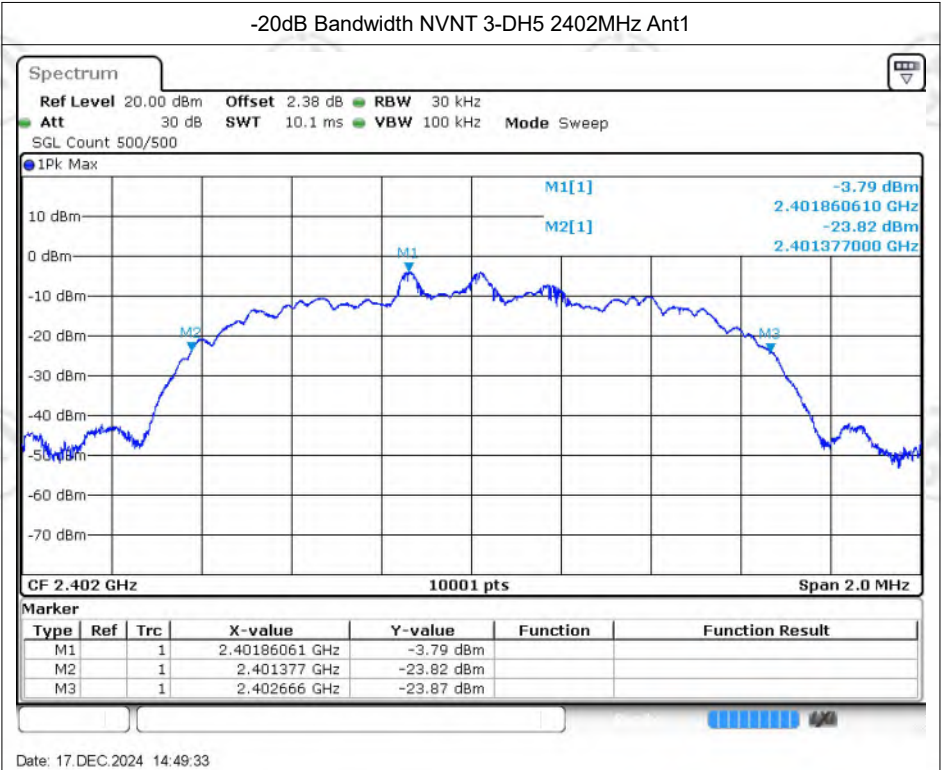
-20dB Bandwidth

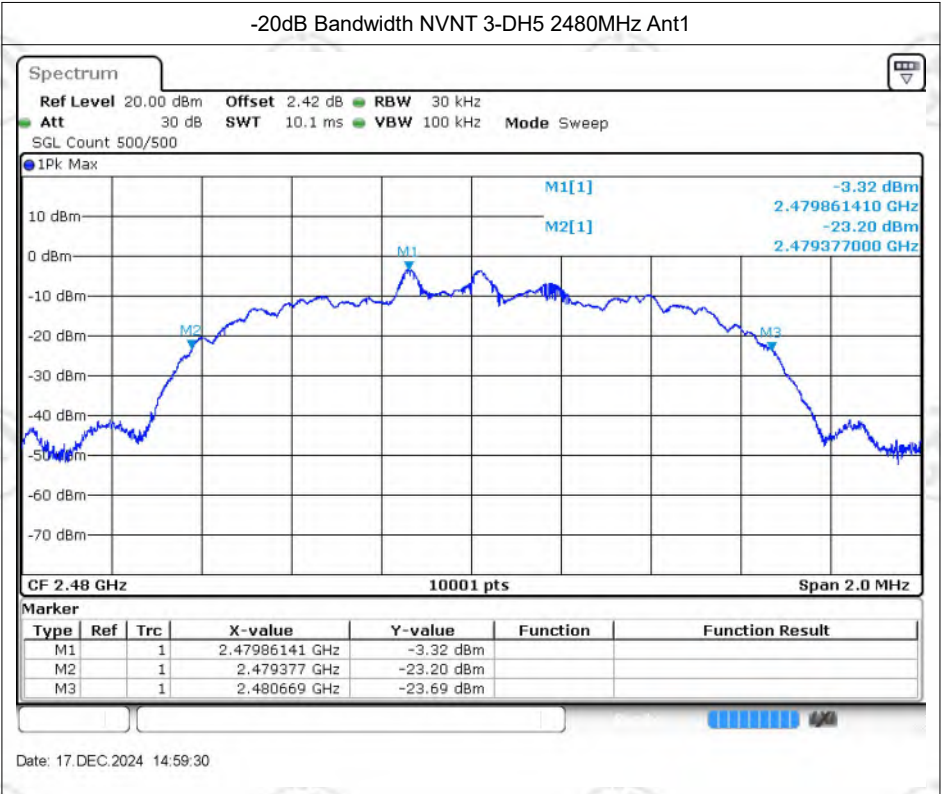
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.947	-	Pass
NVNT	1-DH5	2441	Ant1	0.945	-	Pass
NVNT	1-DH5	2480	Ant1	0.947	-	Pass
NVNT	2-DH5	2402	Ant1	1.279	-	Pass
NVNT	2-DH5	2441	Ant1	1.28	-	Pass
NVNT	2-DH5	2480	Ant1	1.28	-	Pass
NVNT	3-DH5	2402	Ant1	1.288	-	Pass
NVNT	3-DH5	2441	Ant1	1.288	-	Pass
NVNT	3-DH5	2480	Ant1	1.292	-	Pass





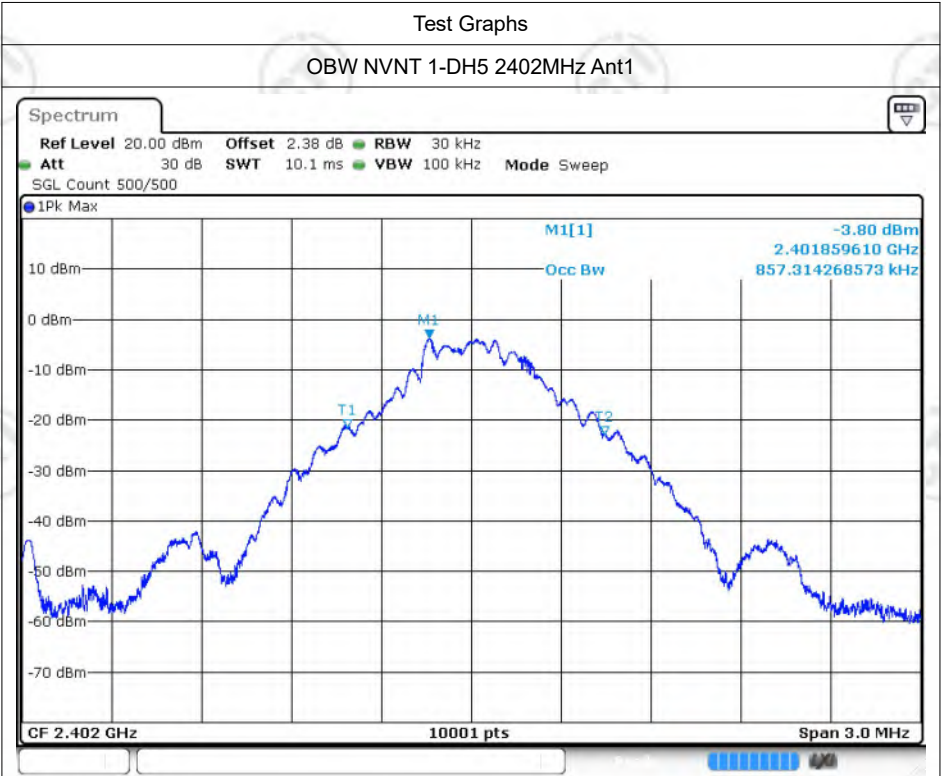




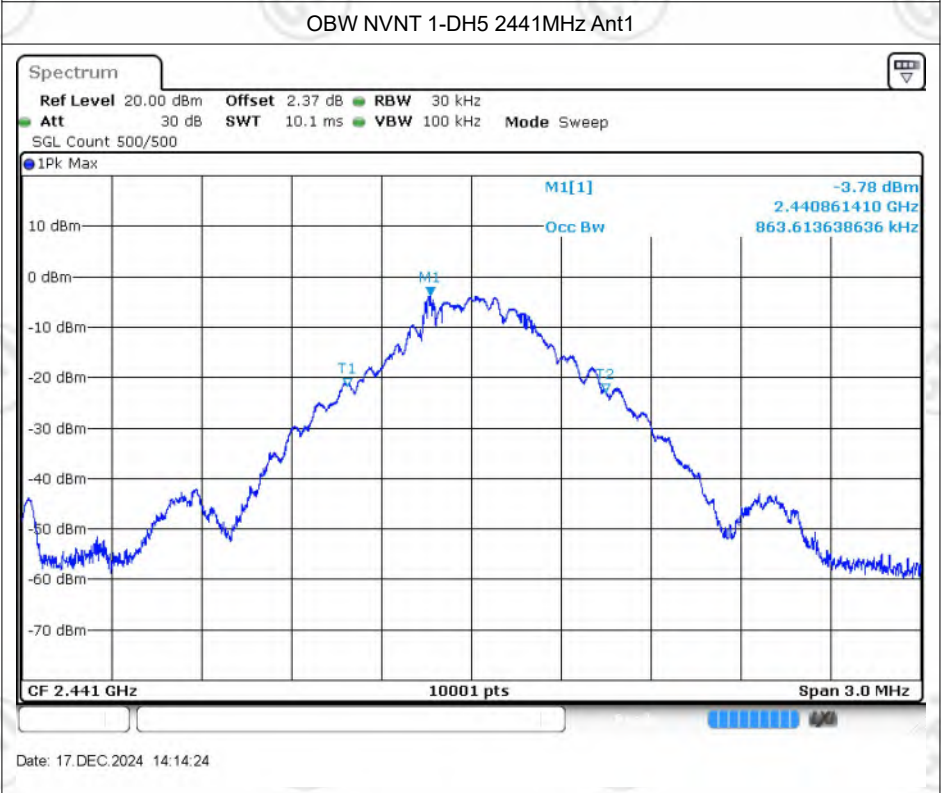


Occupied Channel Bandwidth

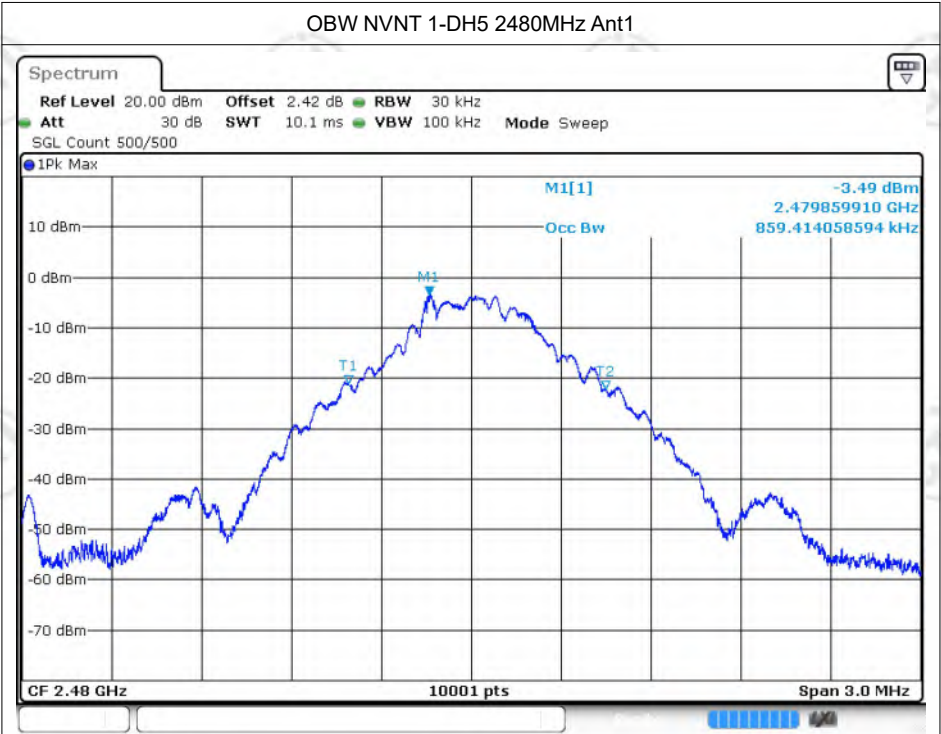
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.857
NVNT	1-DH5	2441	Ant1	0.864
NVNT	1-DH5	2480	Ant1	0.859
NVNT	2-DH5	2402	Ant1	1.17
NVNT	2-DH5	2441	Ant1	1.17
NVNT	2-DH5	2480	Ant1	1.173
NVNT	3-DH5	2402	Ant1	1.177
NVNT	3-DH5	2441	Ant1	1.179
NVNT	3-DH5	2480	Ant1	1.18



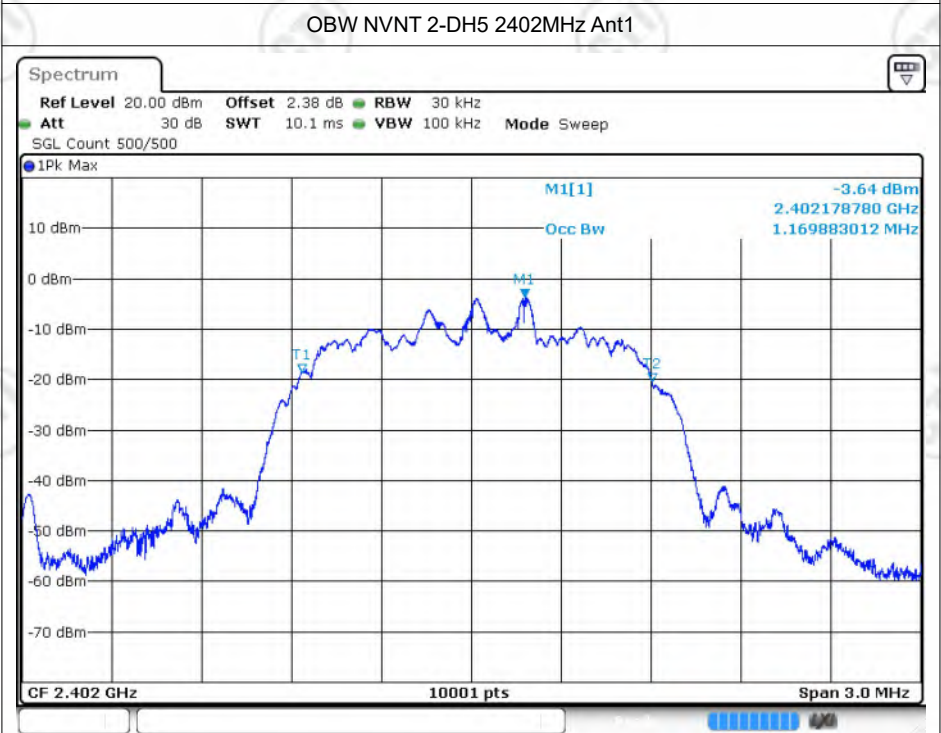
Date: 17 DEC 2024 14:09:32



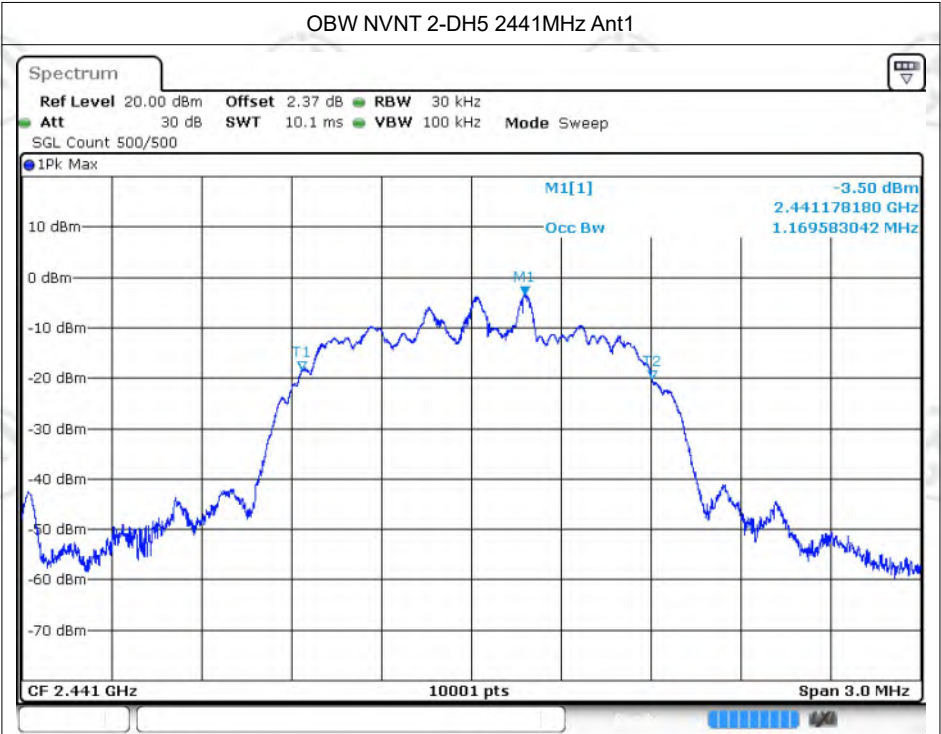
Date: 17 DEC 2024 14:14:24



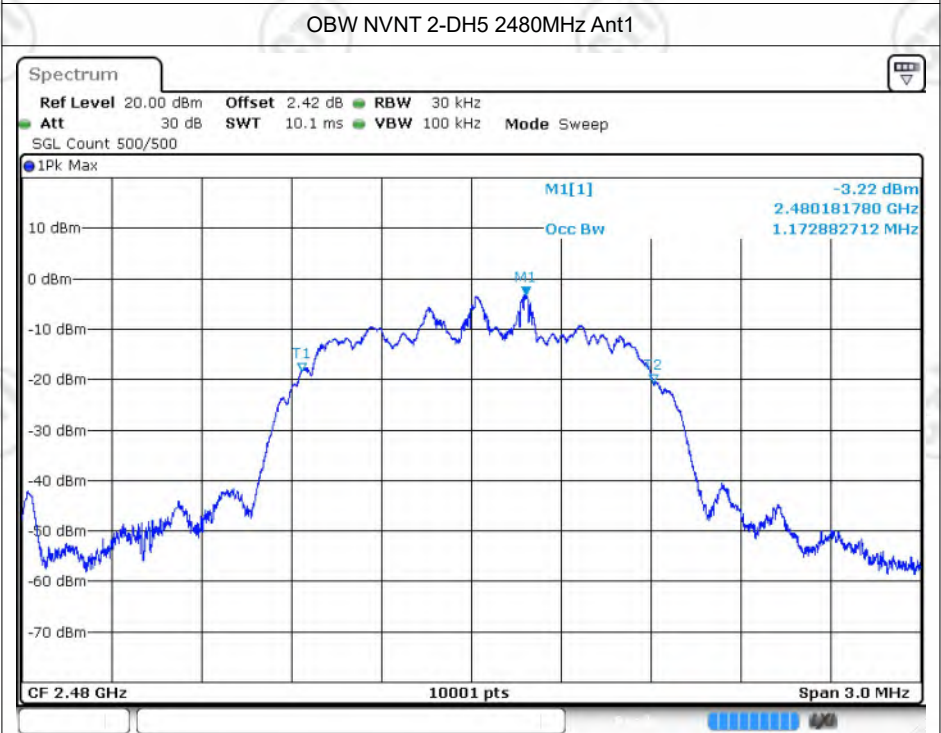
Date: 17. DEC. 2024 14:16:05



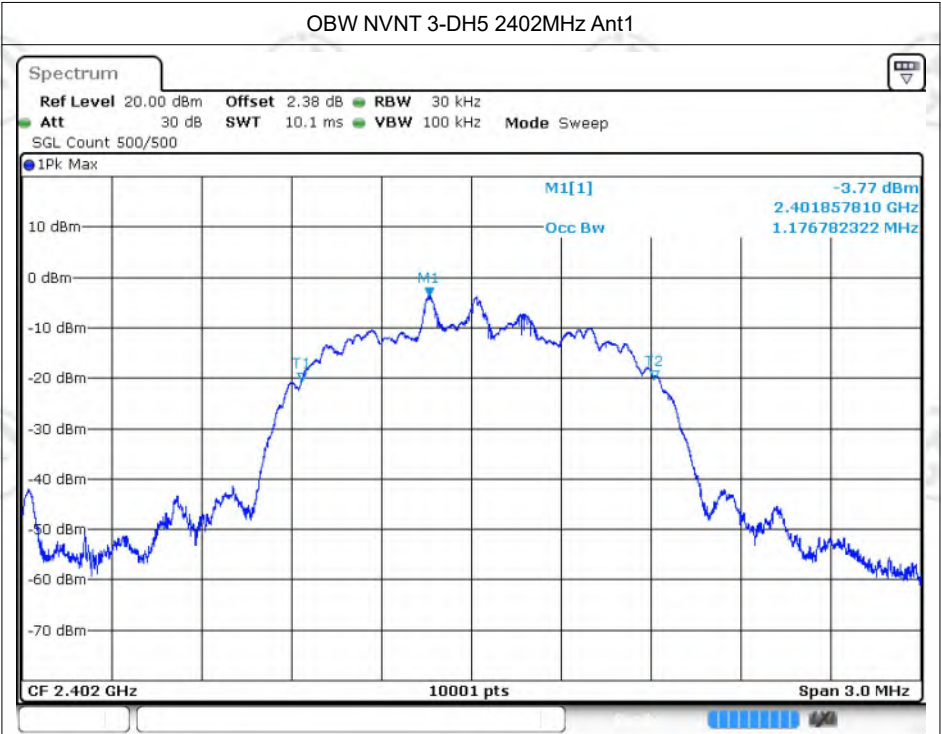
Date: 17. DEC. 2024 14:28:38



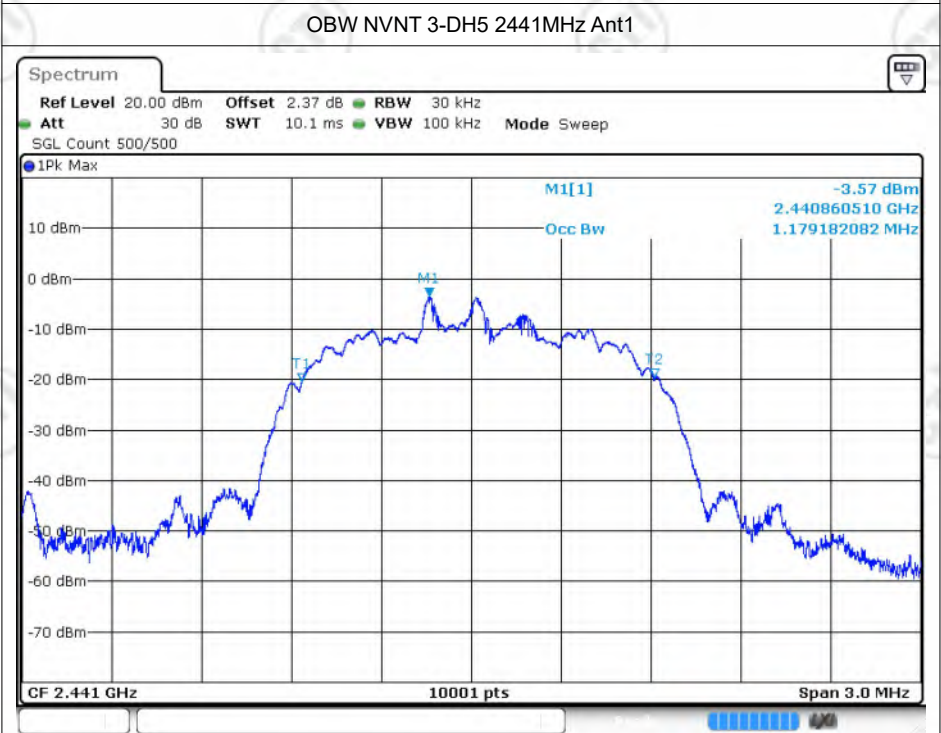
Date: 17. DEC. 2024 14:35:25



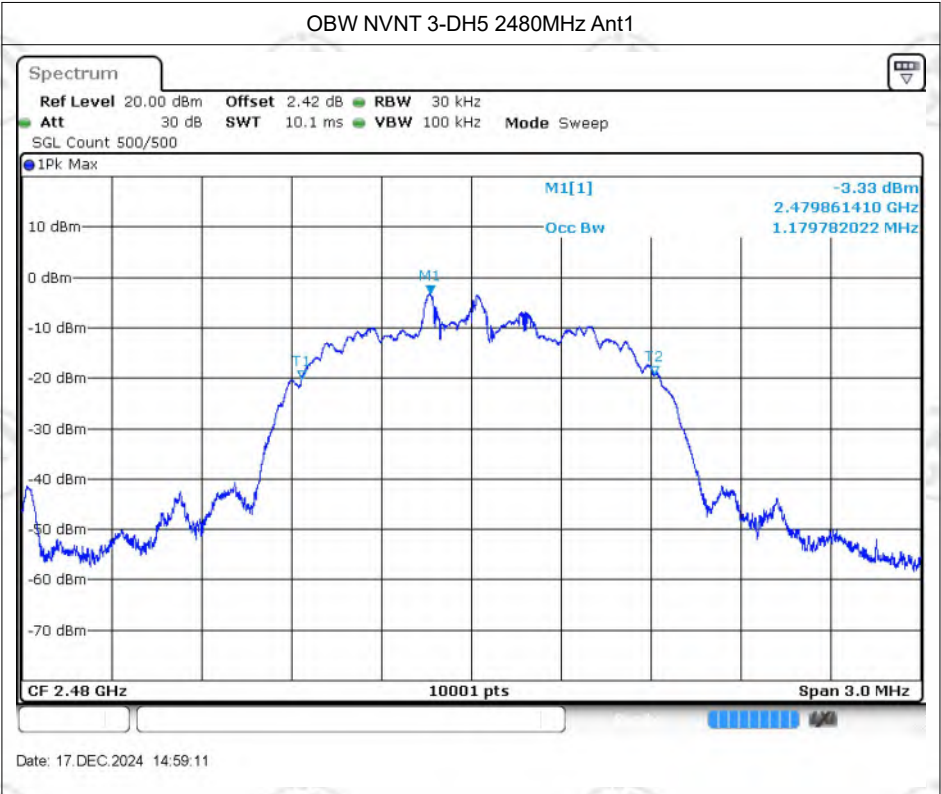
Date: 17. DEC. 2024 14:37:33



Date: 17. DEC. 2024 14:49:20

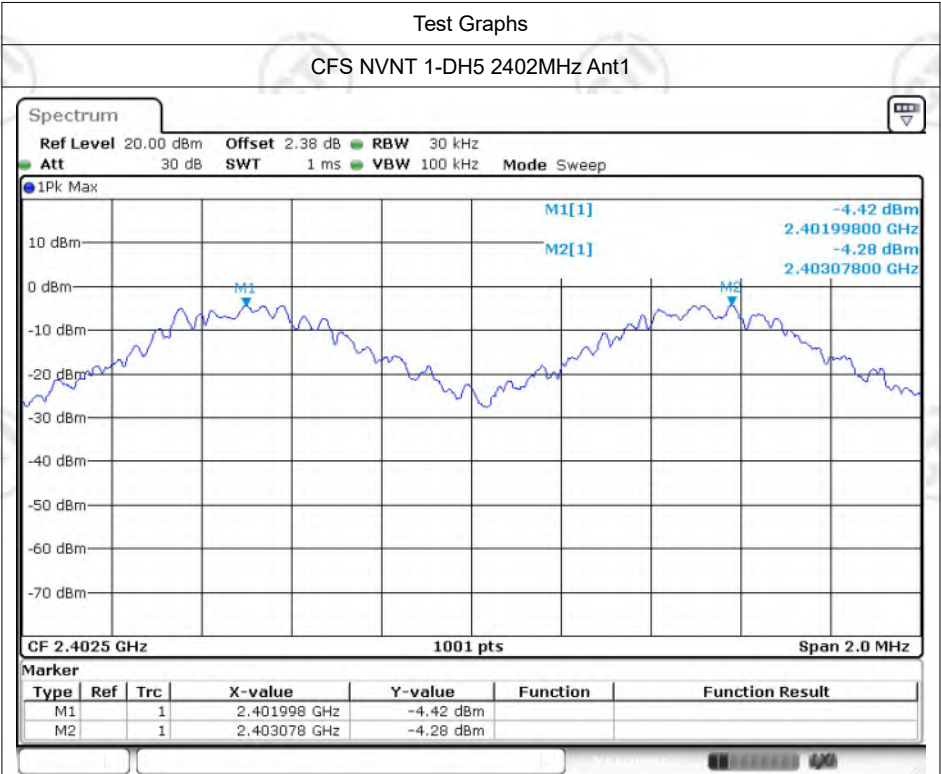


Date: 17. DEC. 2024 14:55:45

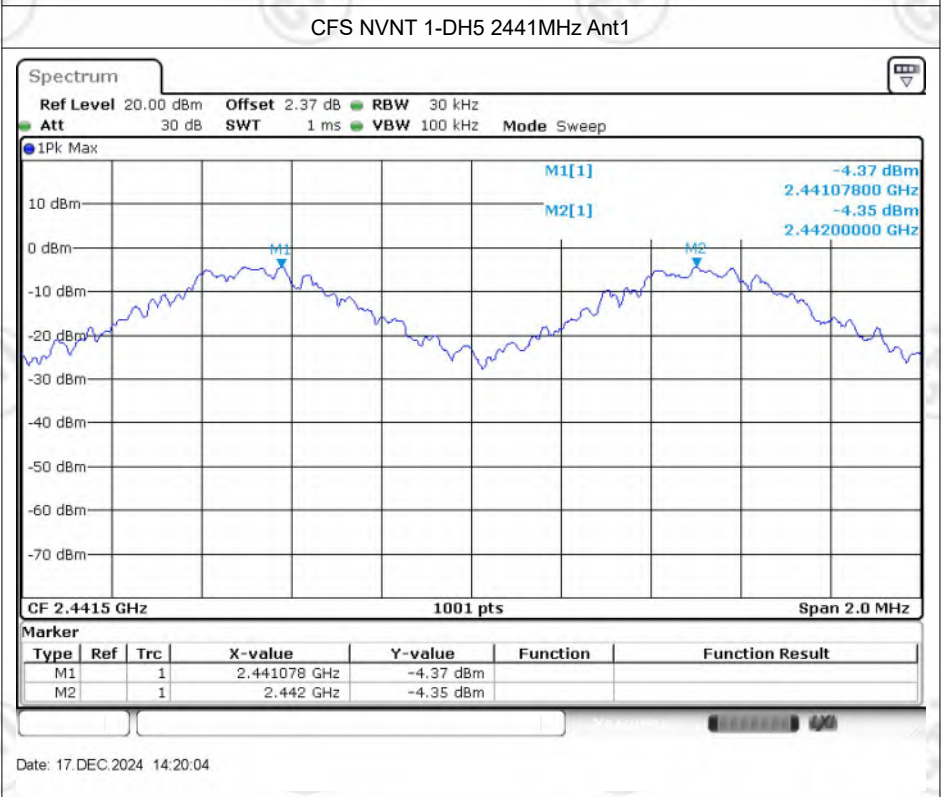


Carrier Frequencies Separation

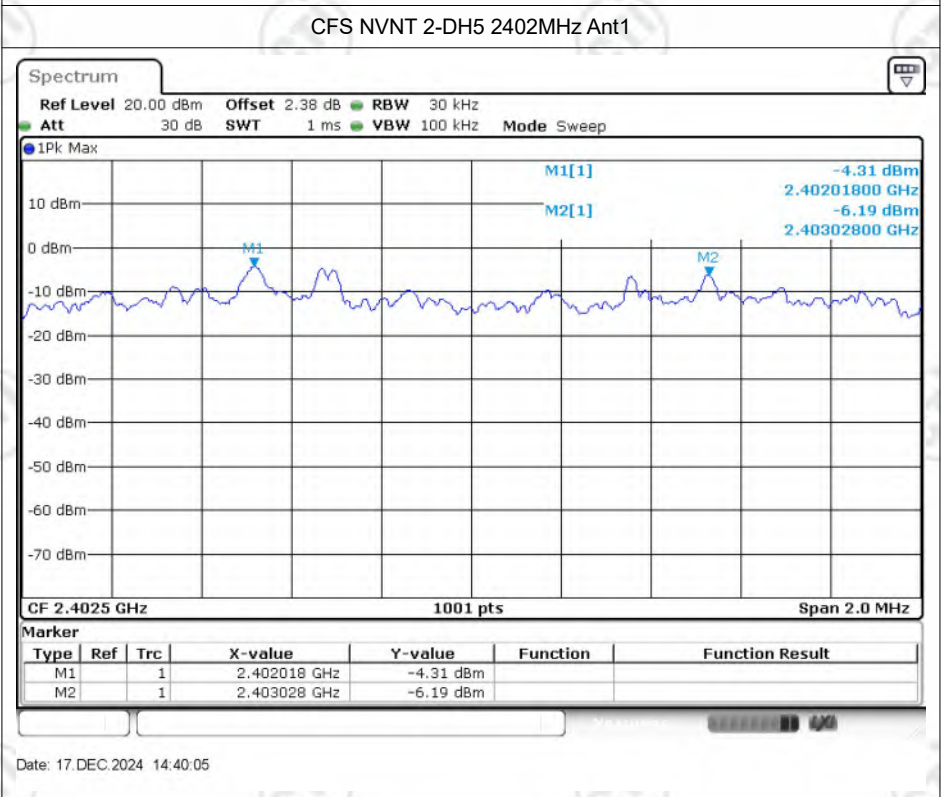
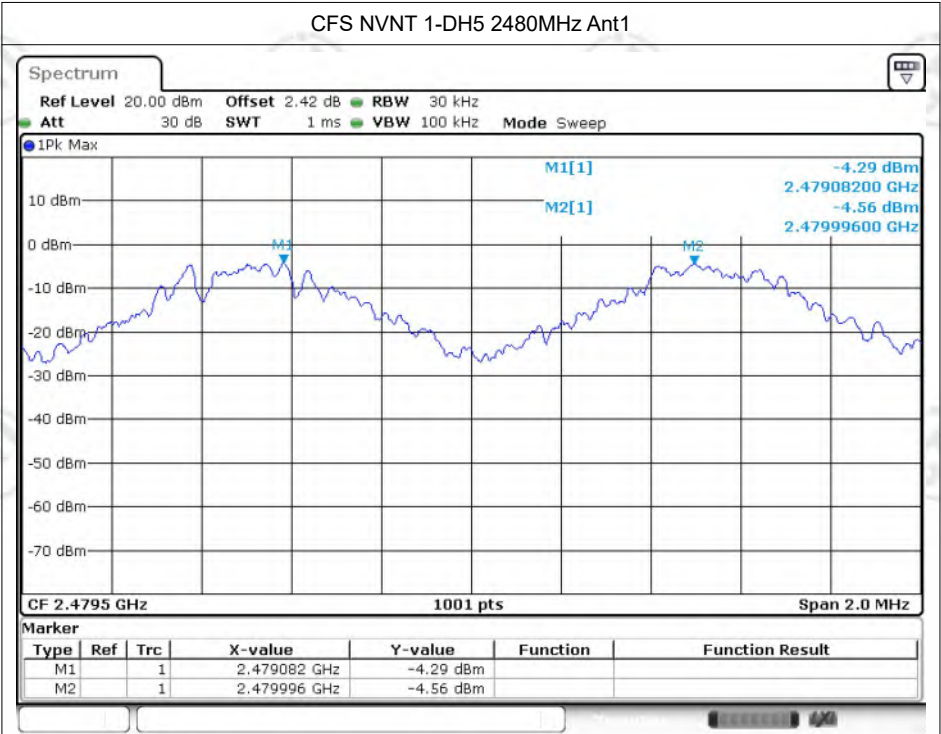
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.998	2403.078	1.08	0.631	Pass
NVNT	1-DH5	Ant1	2441.078	2442	0.922	0.63	Pass
NVNT	1-DH5	Ant1	2479.082	2479.996	0.914	0.631	Pass
NVNT	2-DH5	Ant1	2402.018	2403.028	1.01	0.853	Pass
NVNT	2-DH5	Ant1	2441.024	2442.176	1.152	0.853	Pass
NVNT	2-DH5	Ant1	2479.184	2480.18	0.996	0.853	Pass
NVNT	3-DH5	Ant1	2402.022	2403.018	0.996	0.859	Pass
NVNT	3-DH5	Ant1	2441.018	2442.022	1.004	0.859	Pass
NVNT	3-DH5	Ant1	2479.016	2480.138	1.122	0.861	Pass

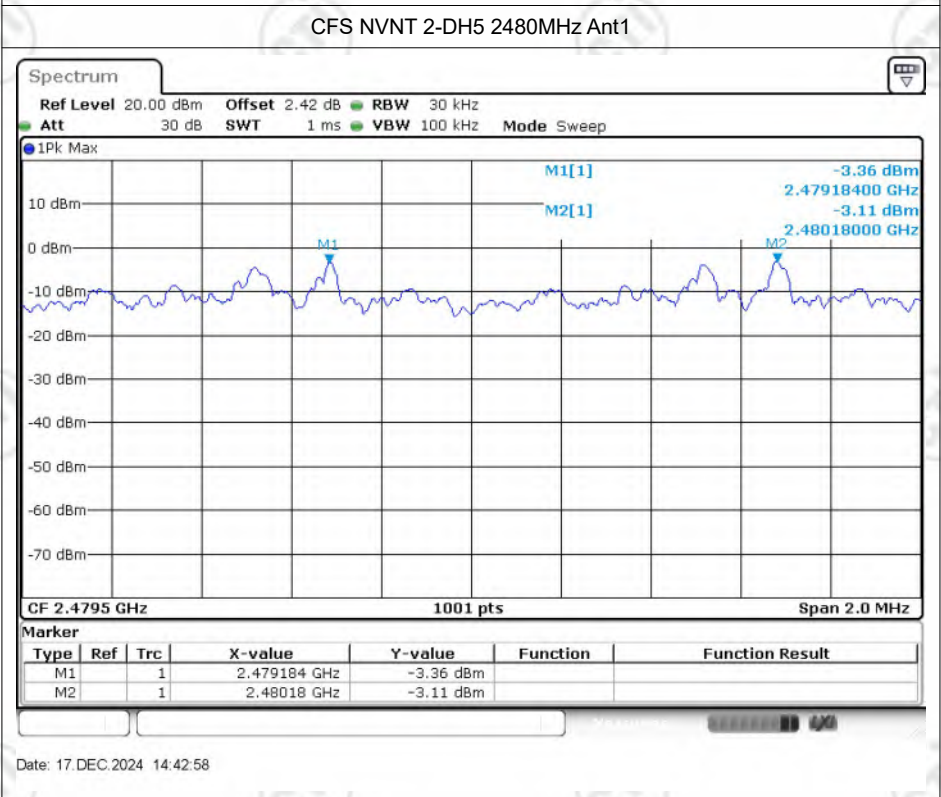
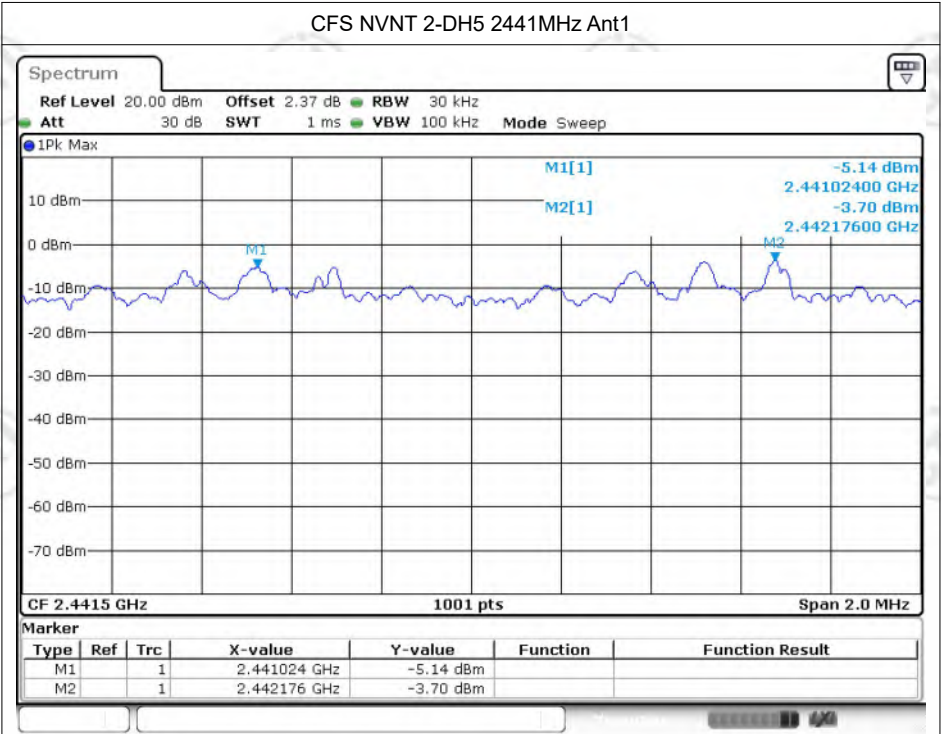


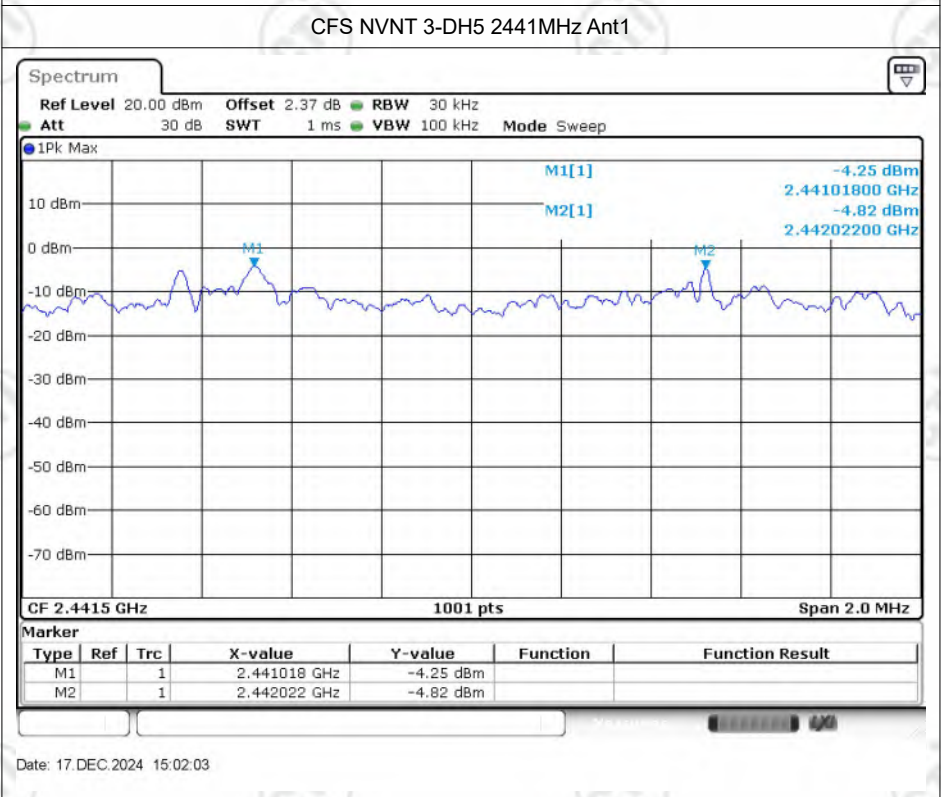
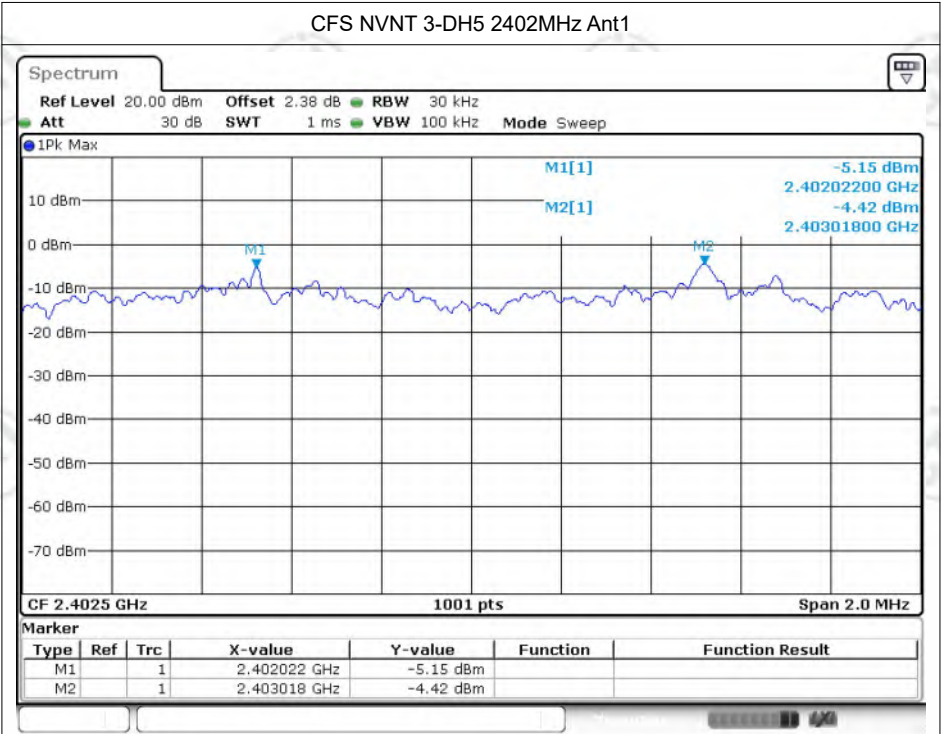
Date: 17. DEC. 2024 14:18:11

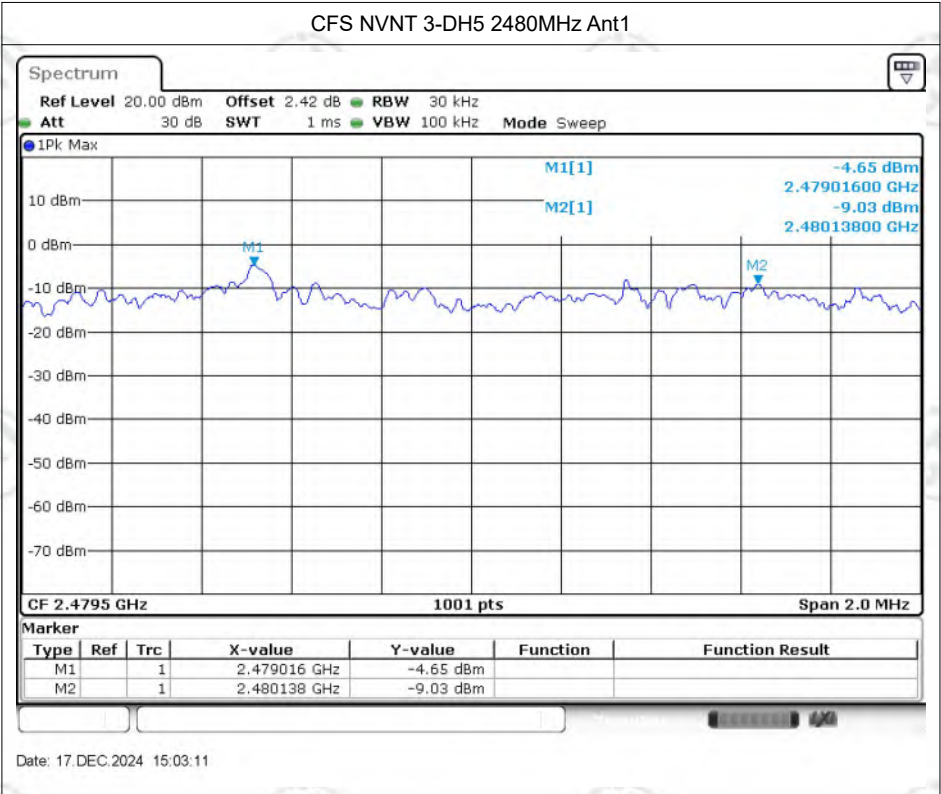


Date: 17. DEC. 2024 14:20:04





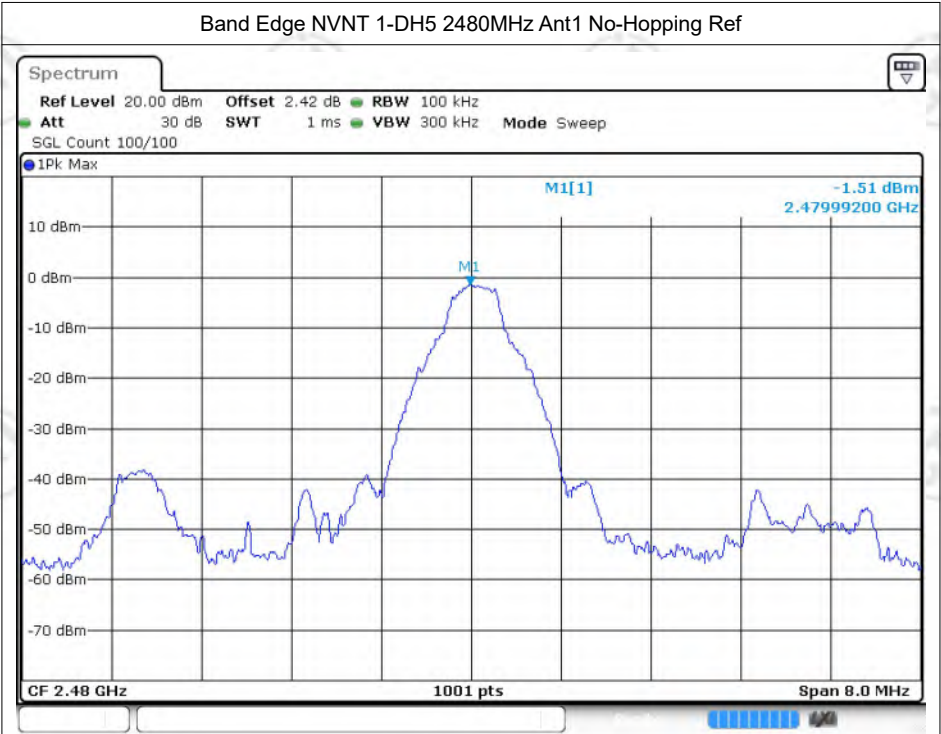




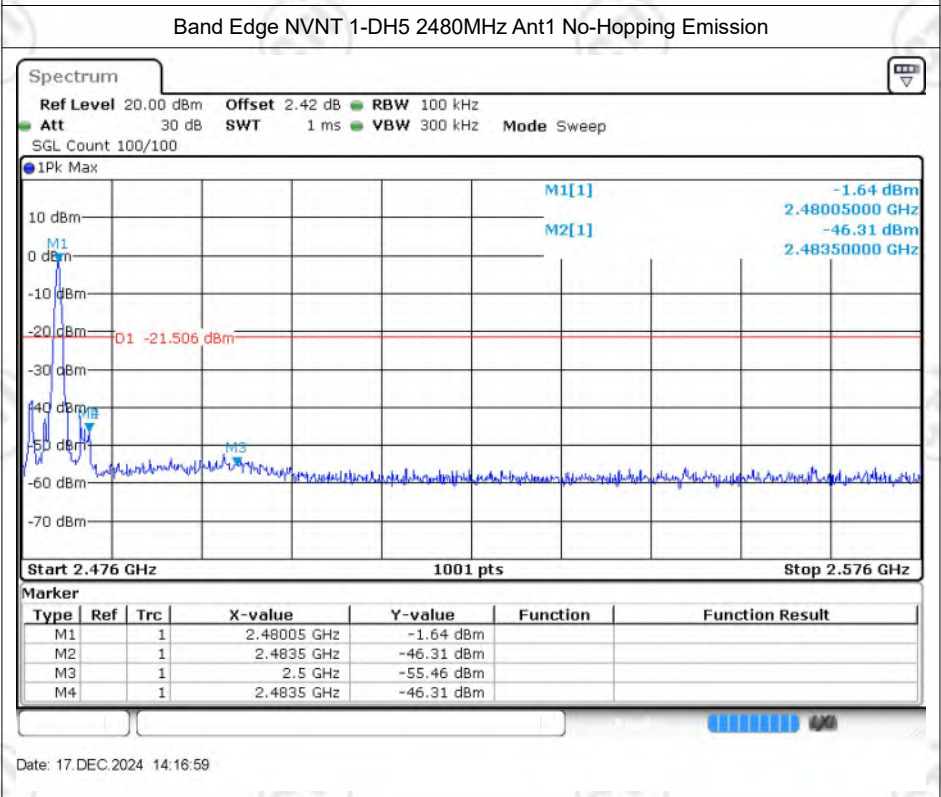
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-39.24	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-44.8	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-37.29	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-43.92	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-40.41	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-47.61	-20	Pass

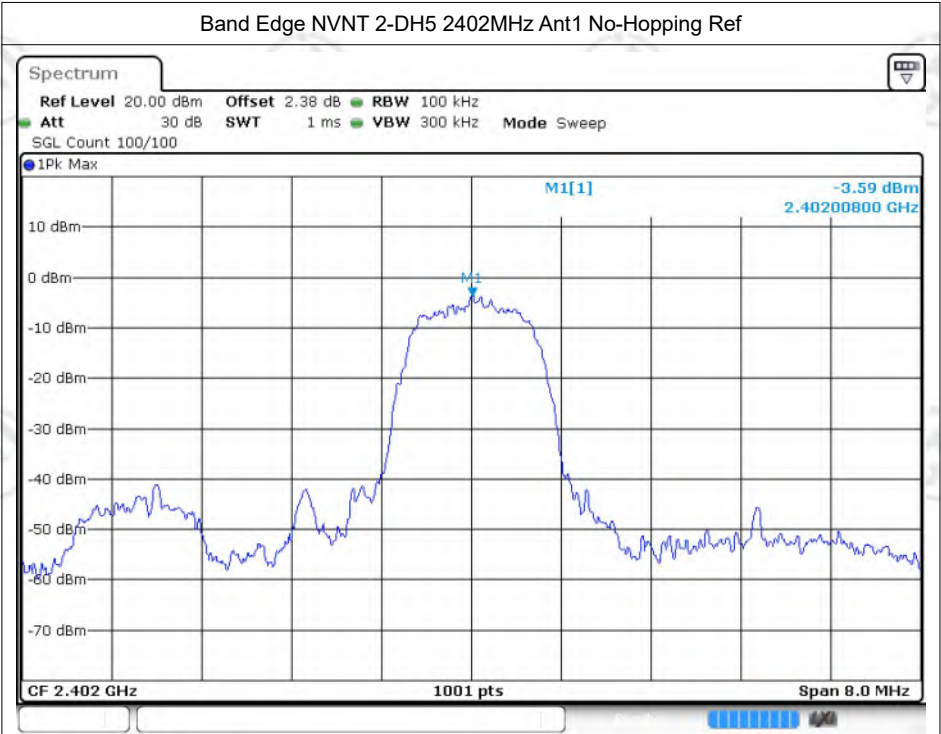




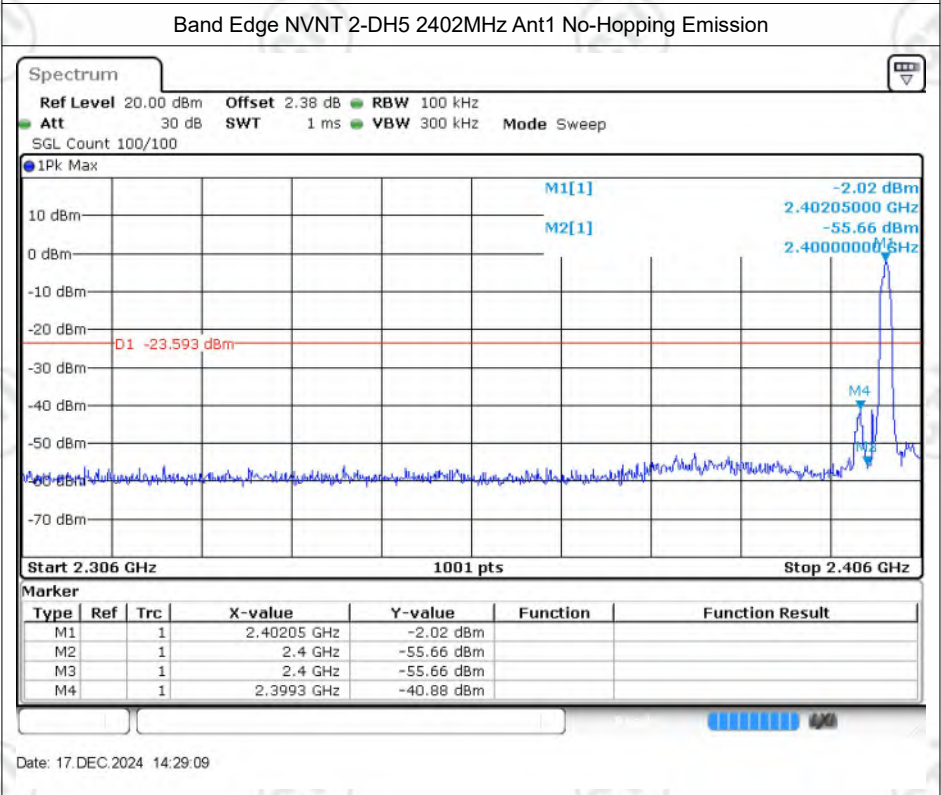
Date: 17. DEC. 2024 14:16:58



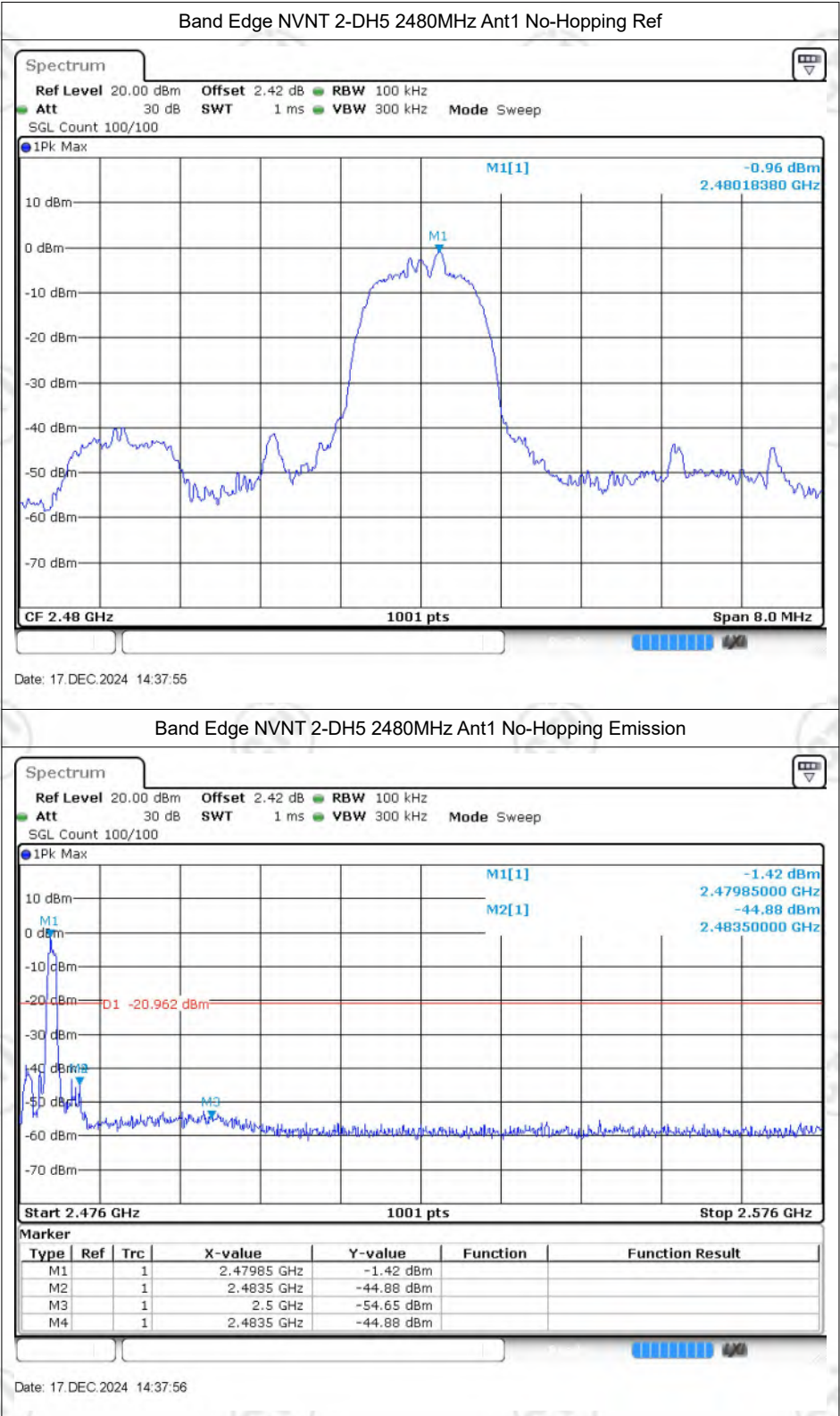
Date: 17. DEC. 2024 14:16:59

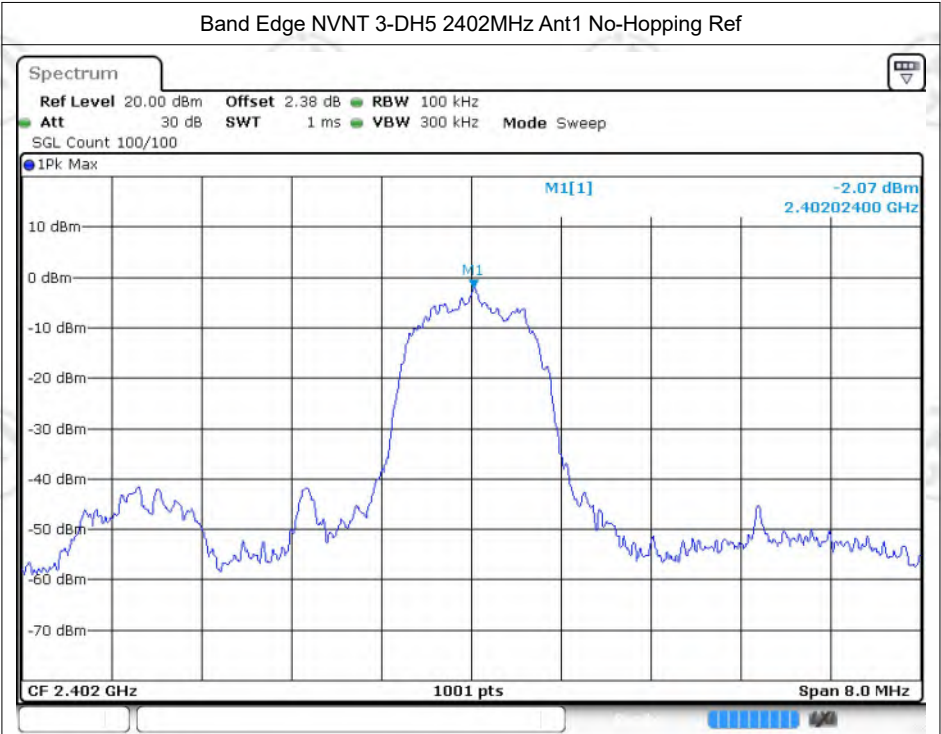


Date: 17. DEC. 2024 14:29:07

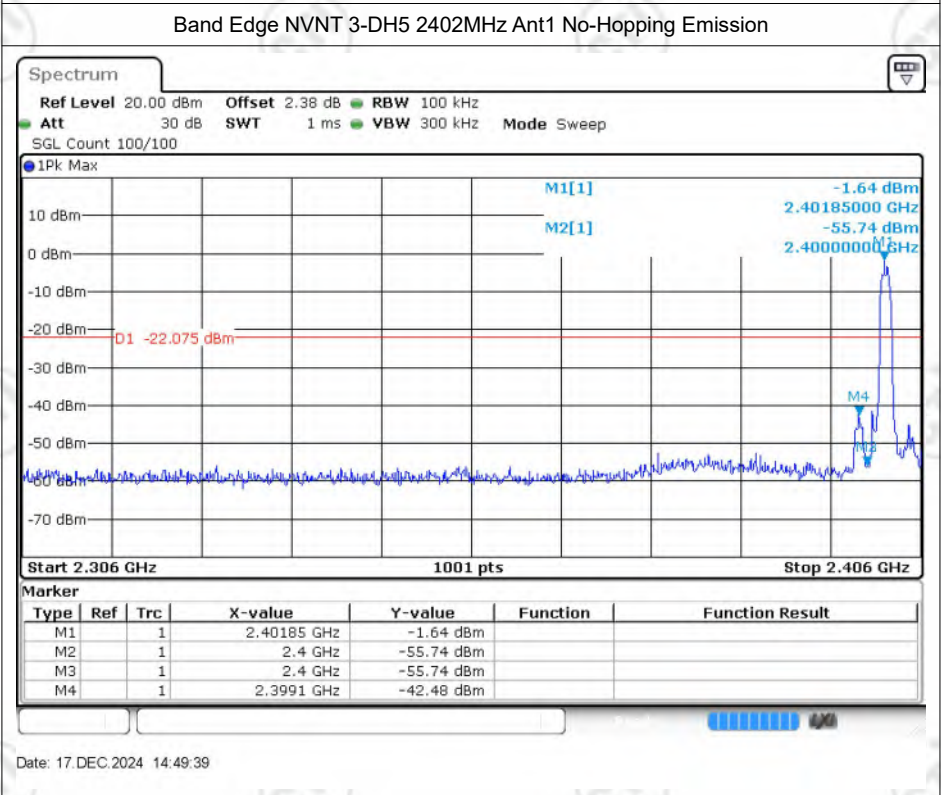


Date: 17. DEC. 2024 14:29:09

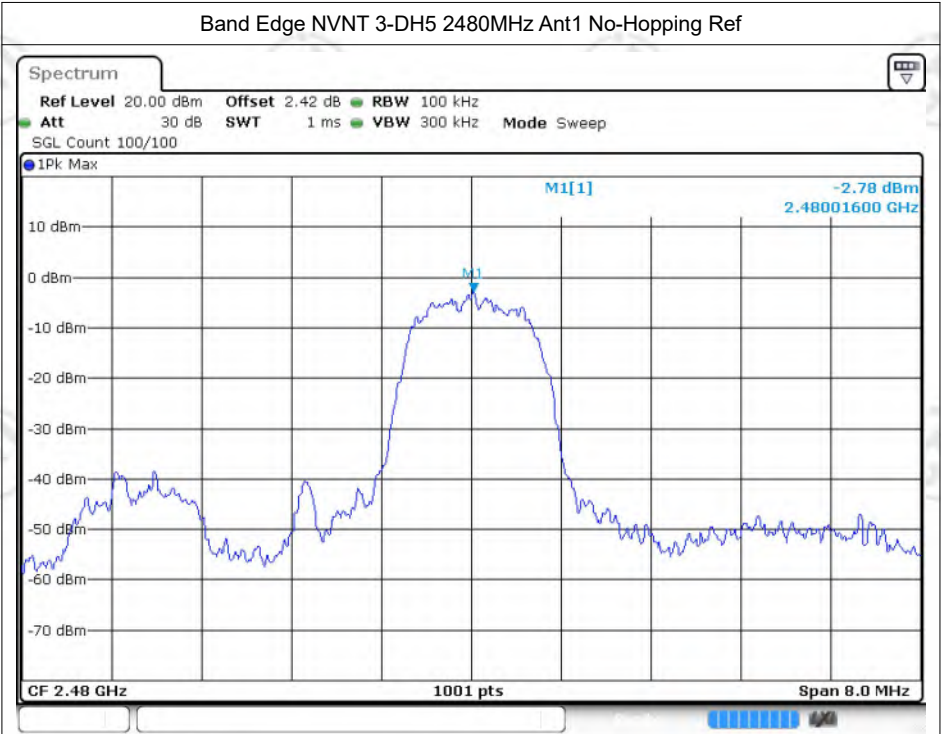




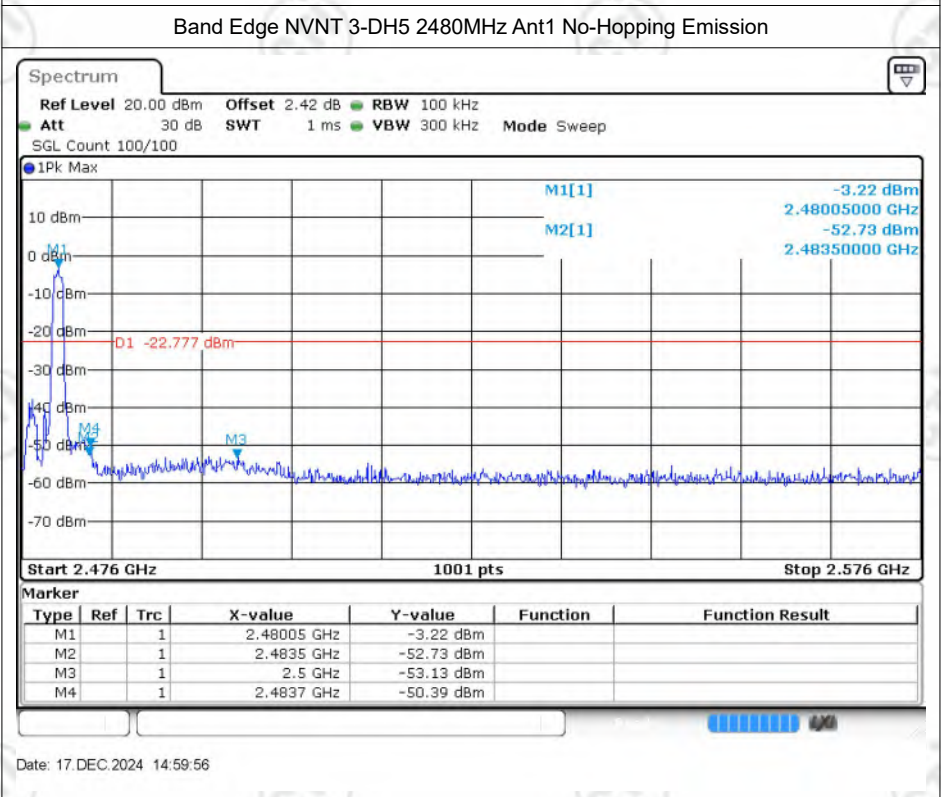
Date: 17. DEC. 2024 14:49:38



Date: 17. DEC. 2024 14:49:39



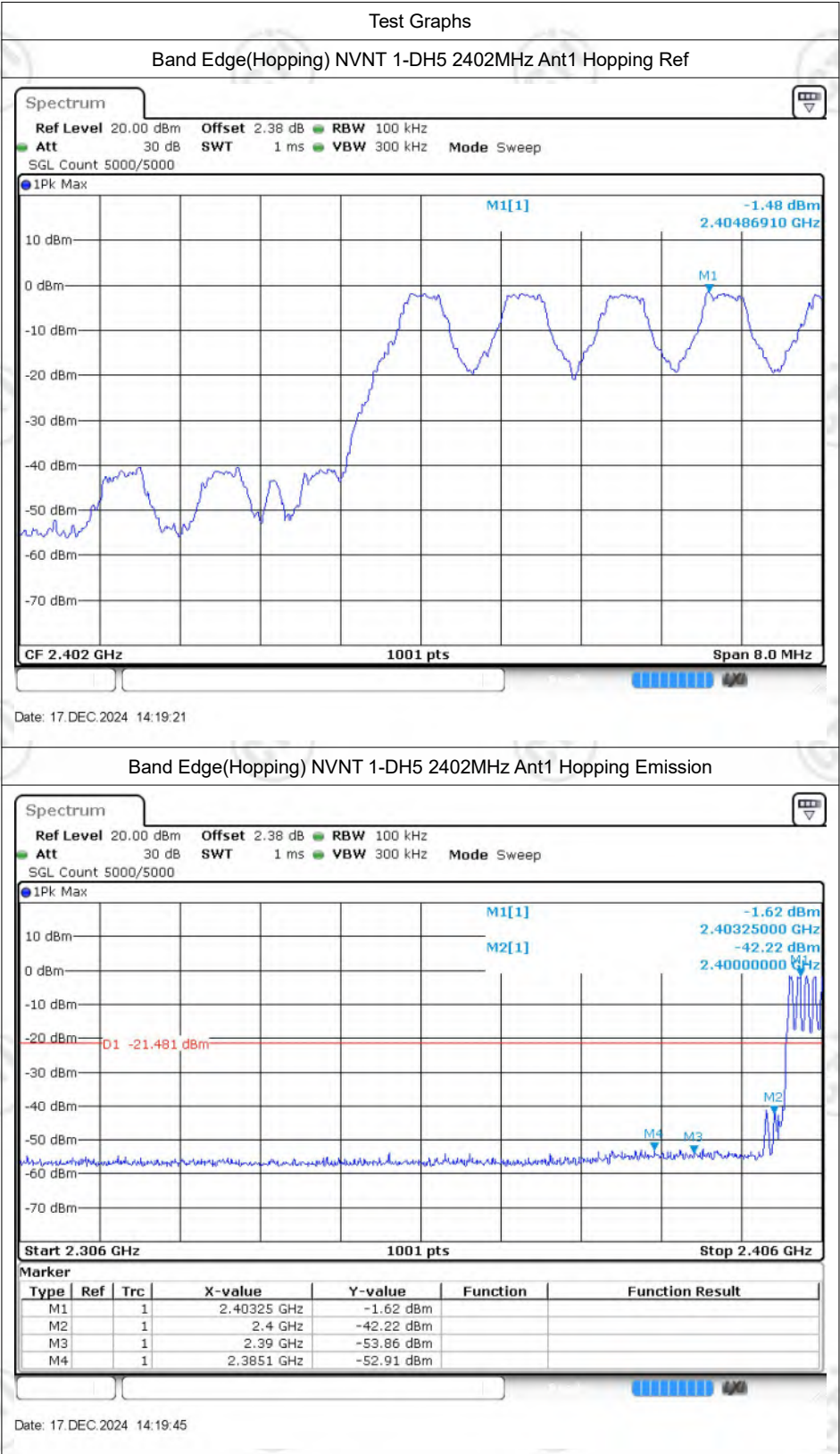
Date: 17. DEC. 2024 14:59:55

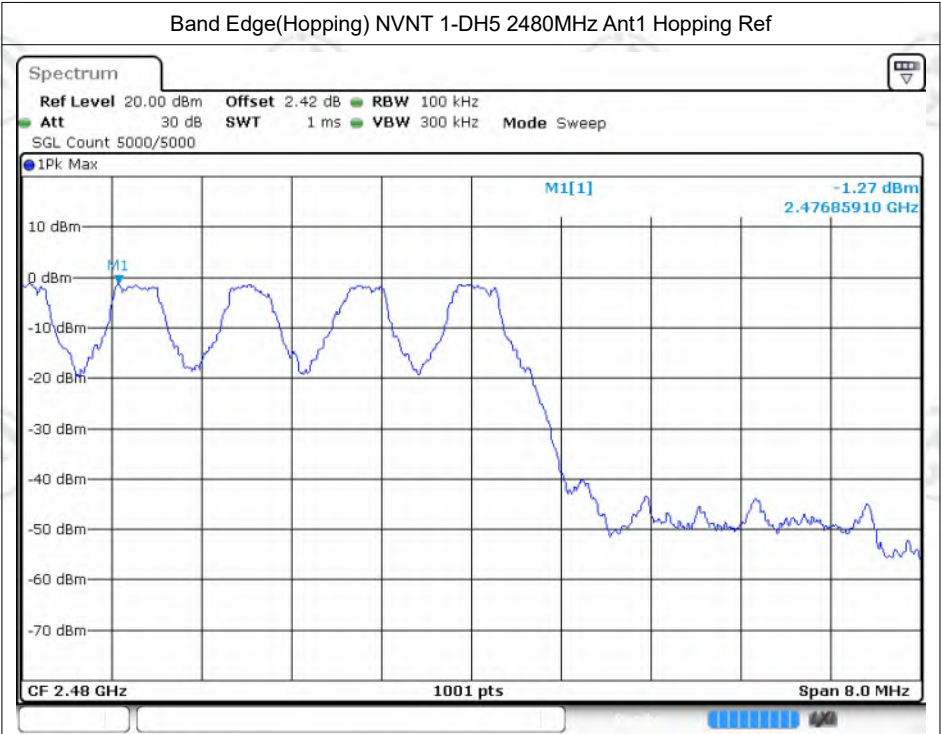


Date: 17. DEC. 2024 14:59:56

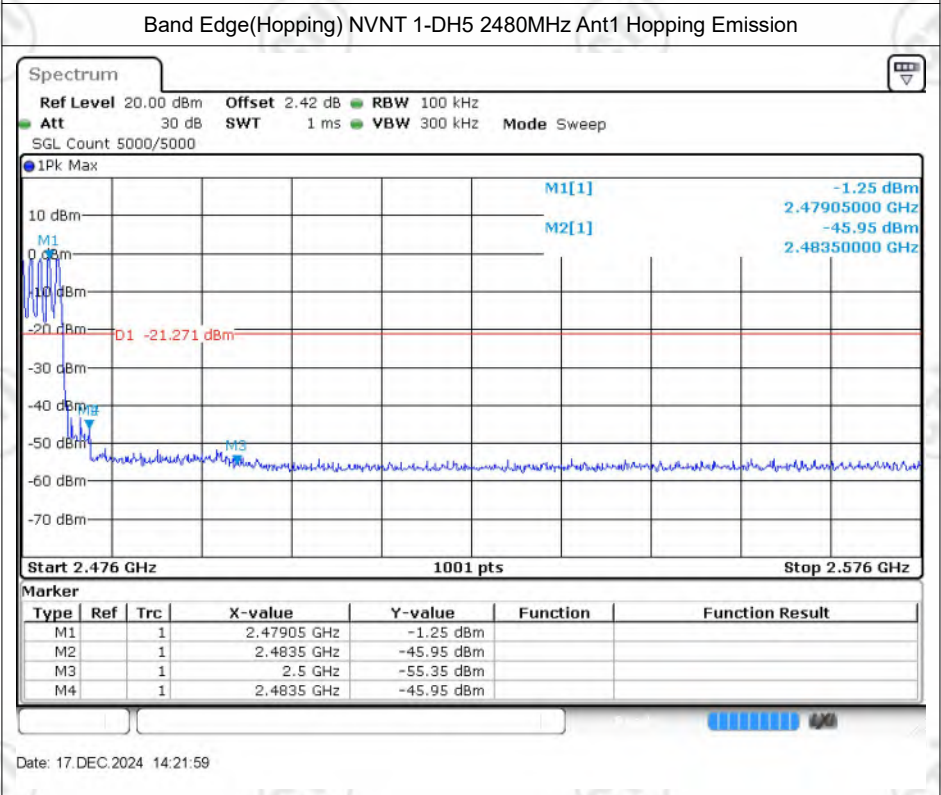
Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-51.43	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-44.67	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-50.57	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-50.48	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-50.24	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-48.45	-20	Pass

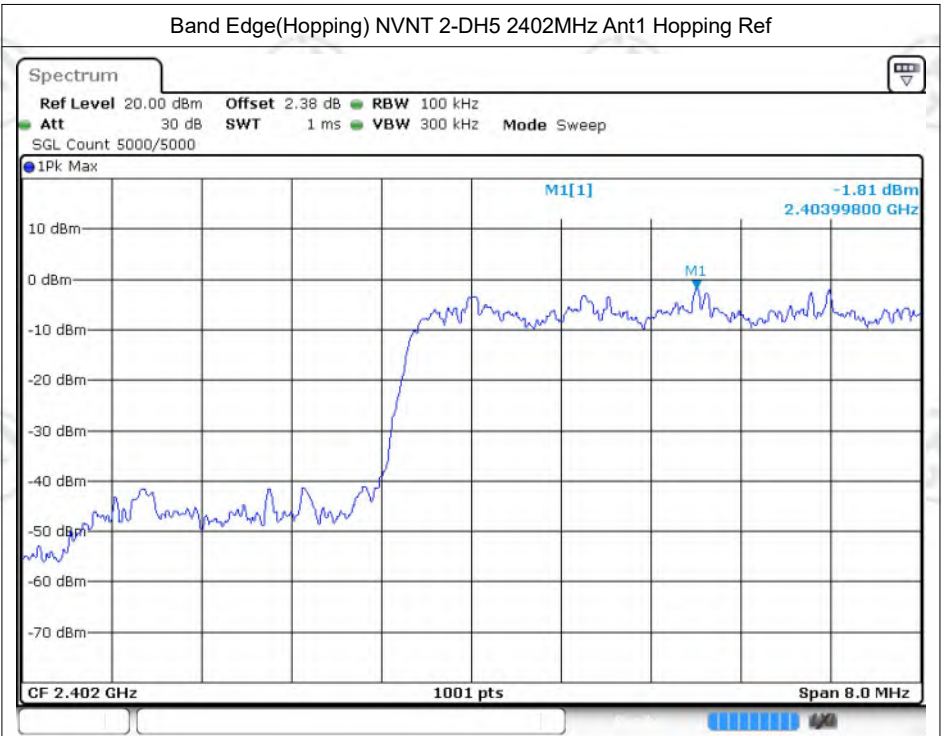




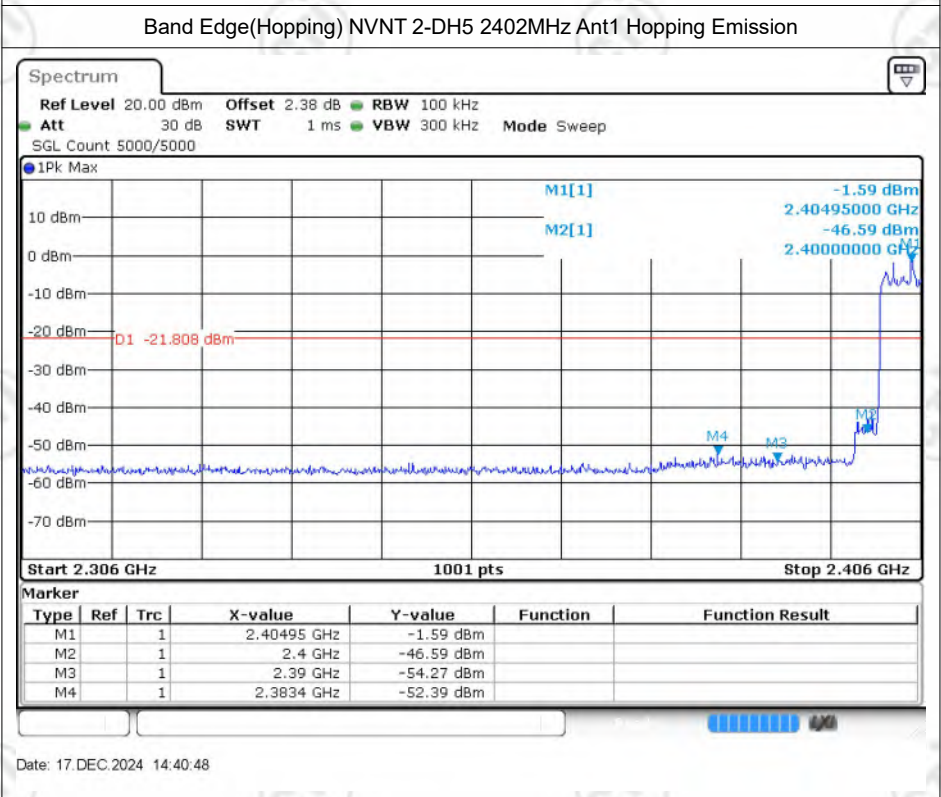
Date: 17. DEC. 2024 14:21:48



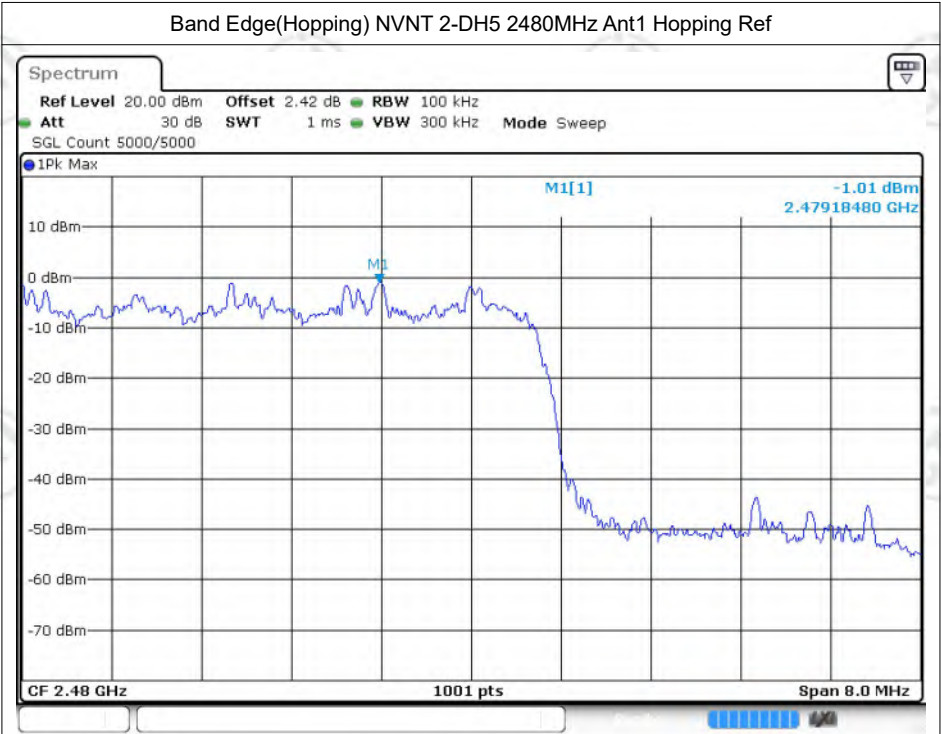
Date: 17. DEC. 2024 14:21:59



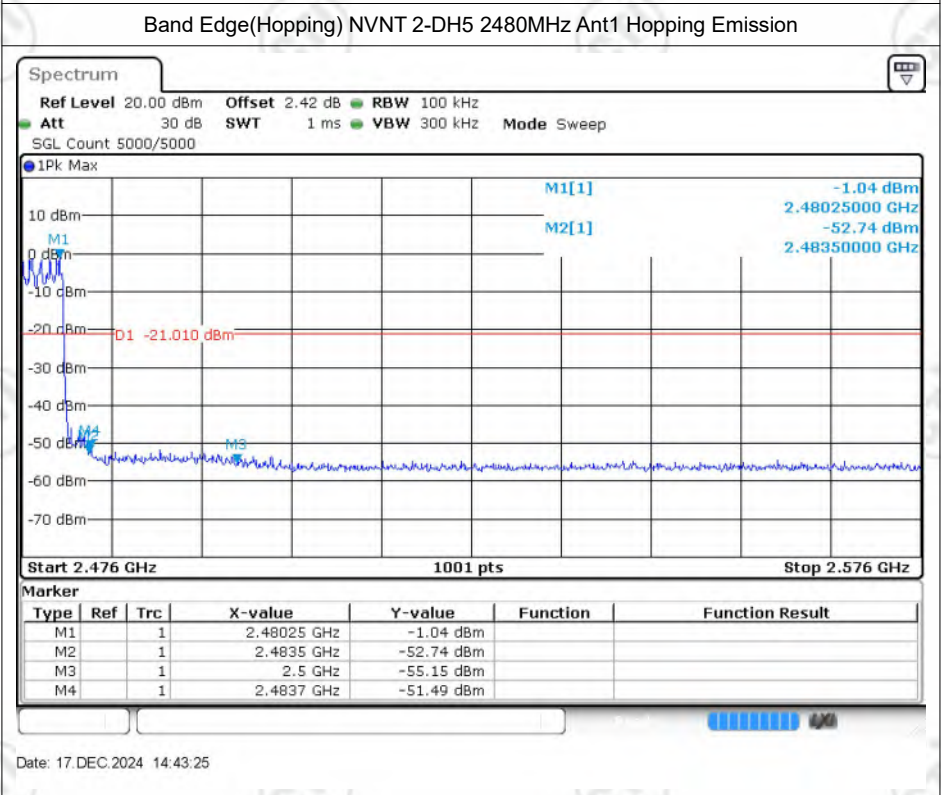
Date: 17. DEC. 2024 14:40:24



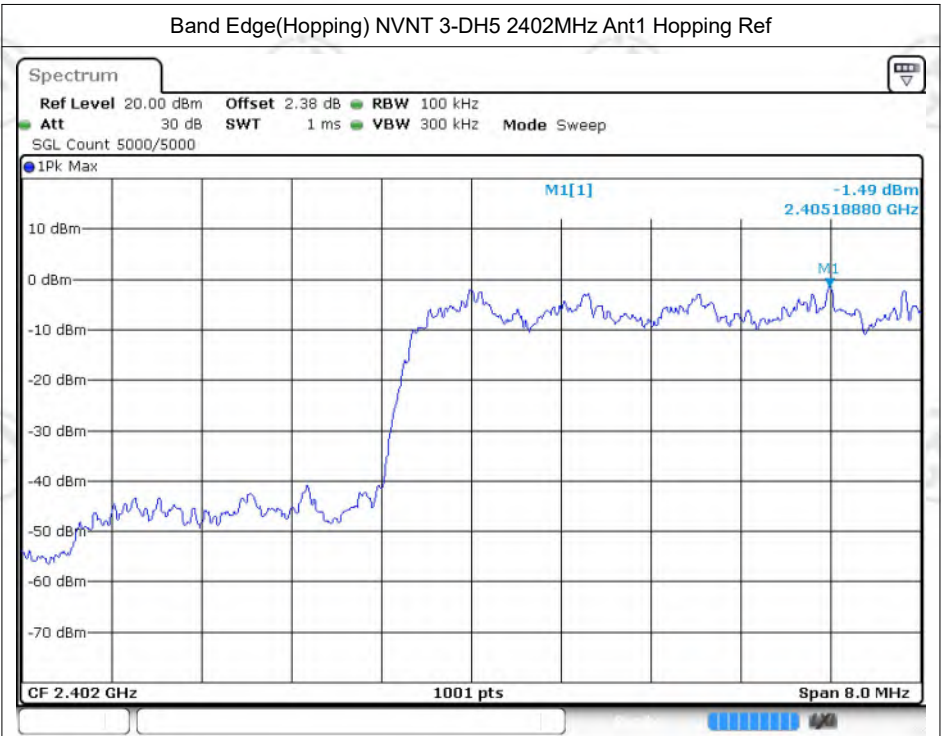
Date: 17. DEC. 2024 14:40:48



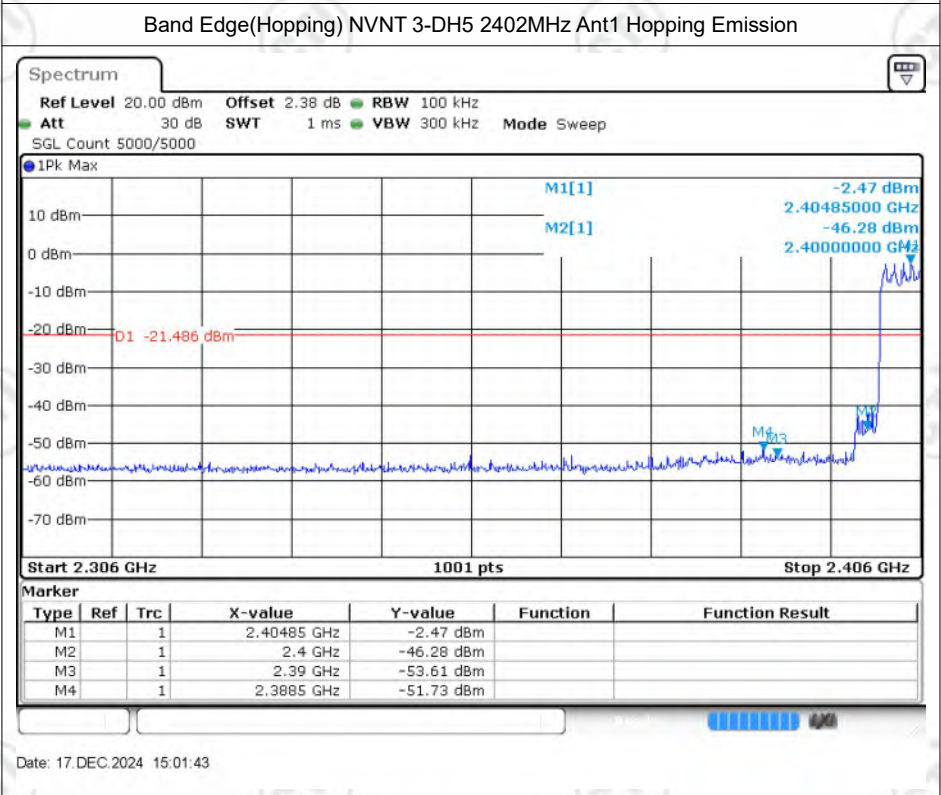
Date: 17. DEC. 2024 14:43:14



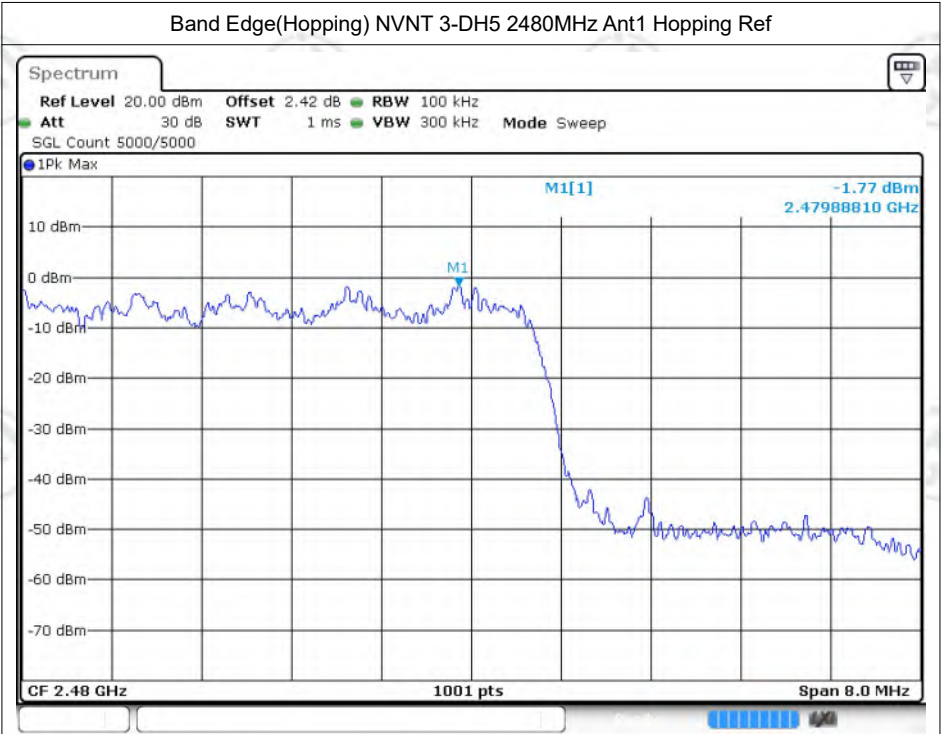
Date: 17. DEC. 2024 14:43:25



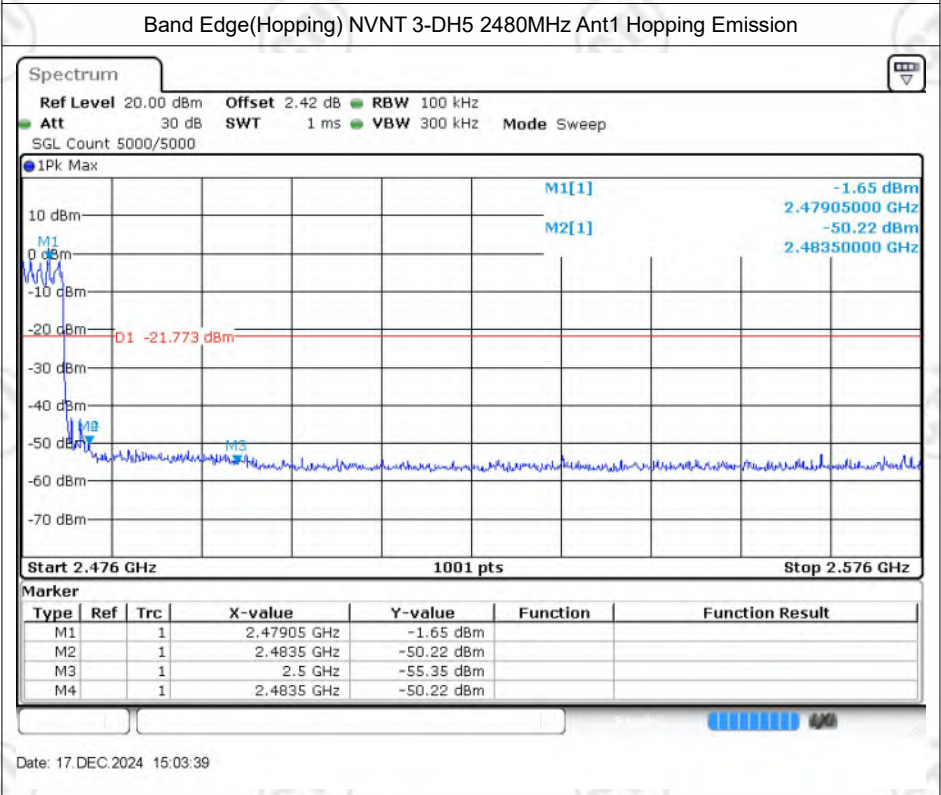
Date: 17. DEC. 2024 15:01:19



Date: 17. DEC. 2024 15:01:43



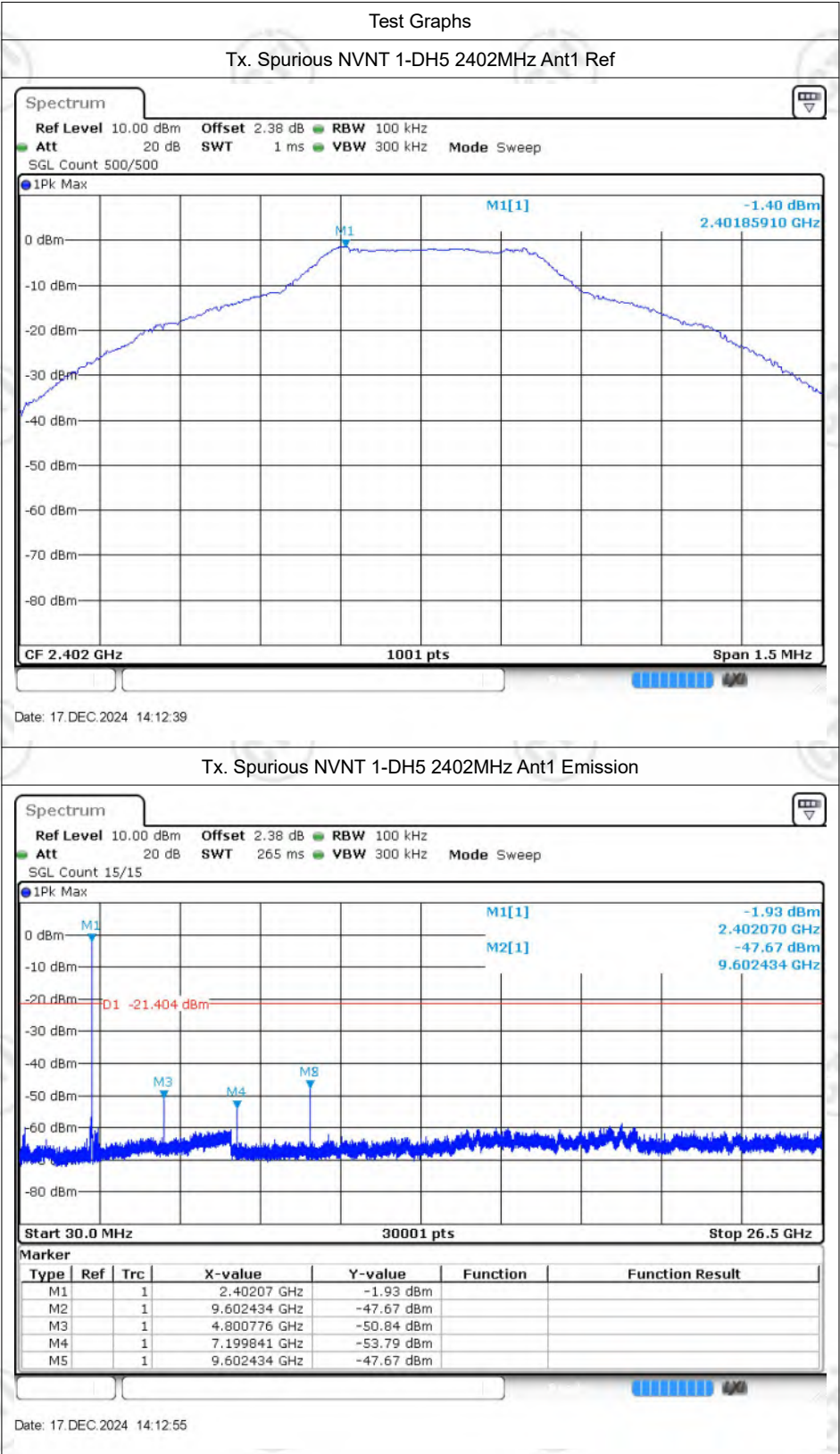
Date: 17. DEC. 2024 15:03:28

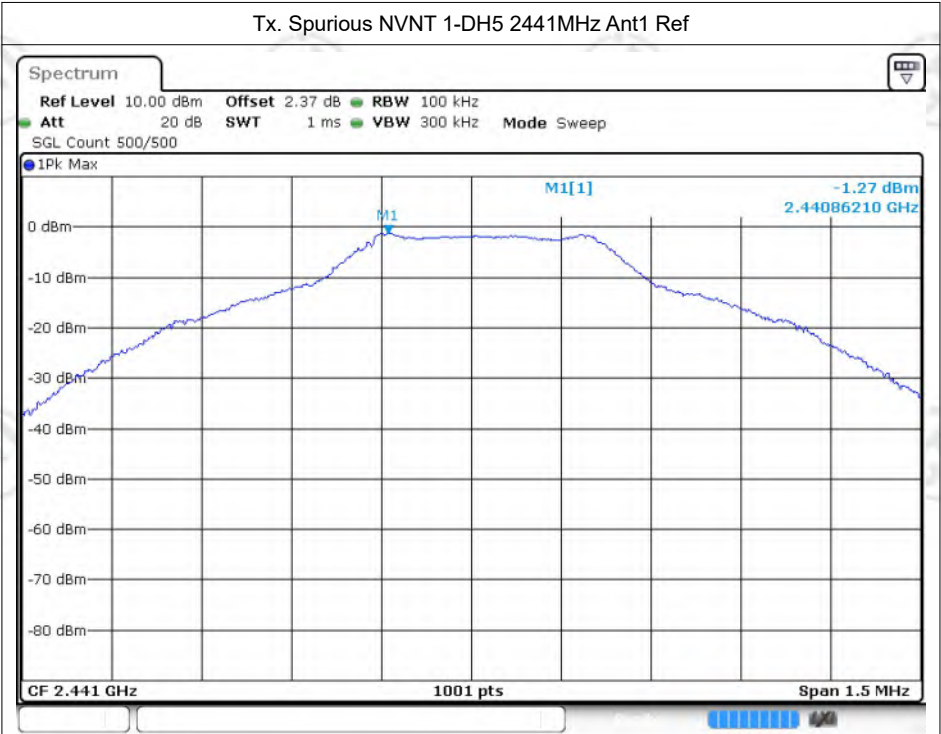


Date: 17. DEC. 2024 15:03:39

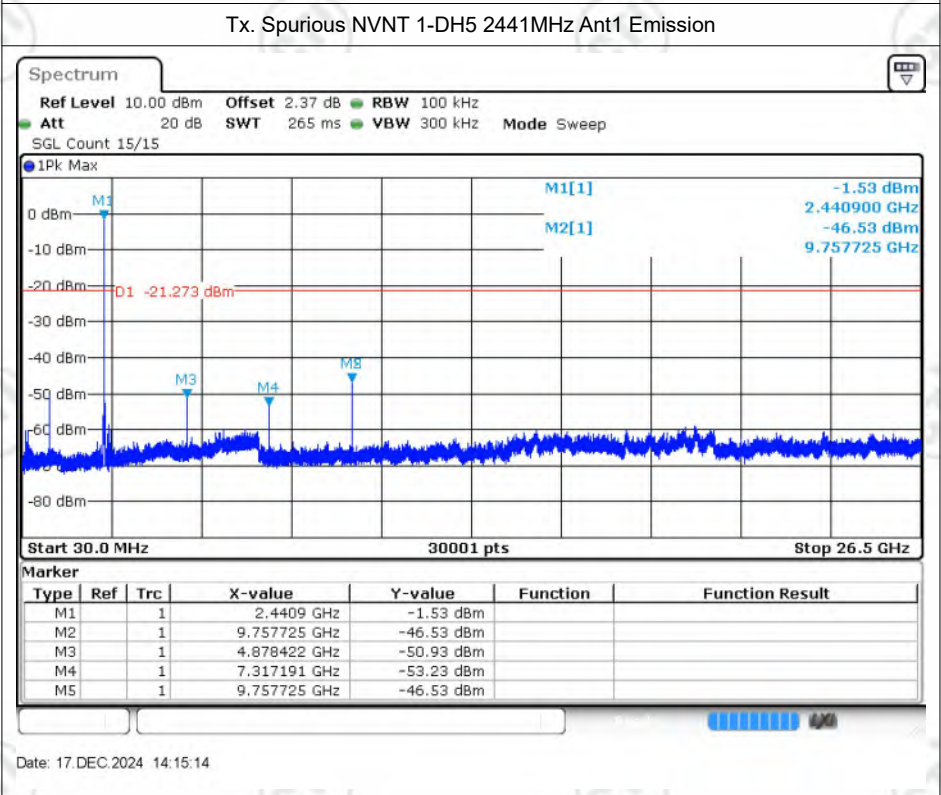
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-46.26	-20	Pass
NVNT	1-DH5	2441	Ant1	-45.25	-20	Pass
NVNT	1-DH5	2480	Ant1	-44.72	-20	Pass
NVNT	2-DH5	2402	Ant1	-45.66	-20	Pass
NVNT	2-DH5	2441	Ant1	-44.72	-20	Pass
NVNT	2-DH5	2480	Ant1	-44.48	-20	Pass
NVNT	3-DH5	2402	Ant1	-45.68	-20	Pass
NVNT	3-DH5	2441	Ant1	-44.67	-20	Pass
NVNT	3-DH5	2480	Ant1	-44.35	-20	Pass

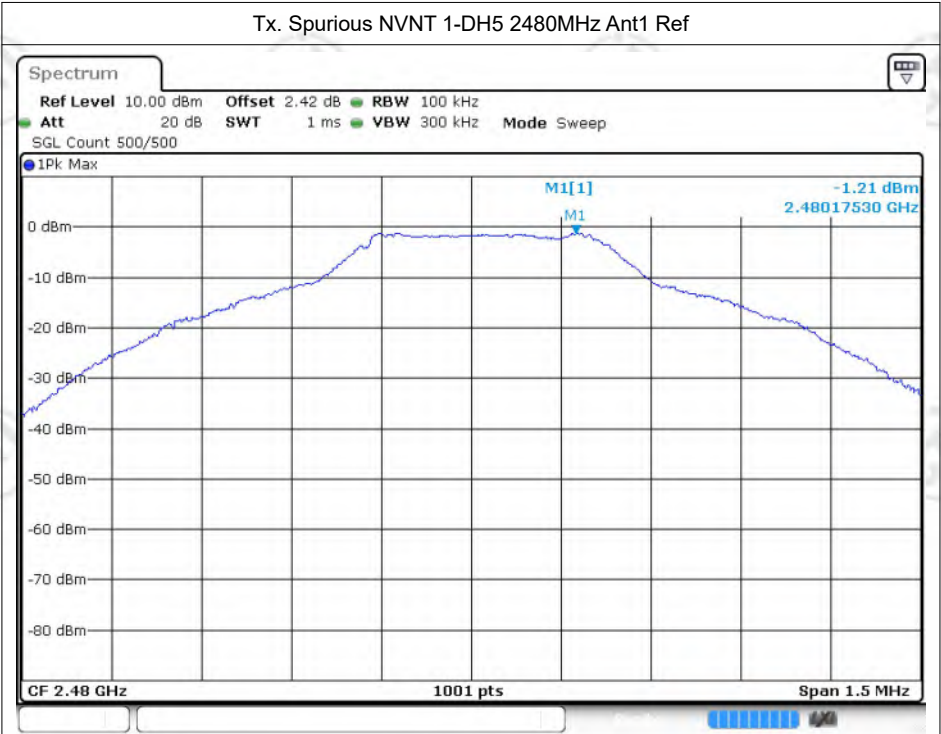




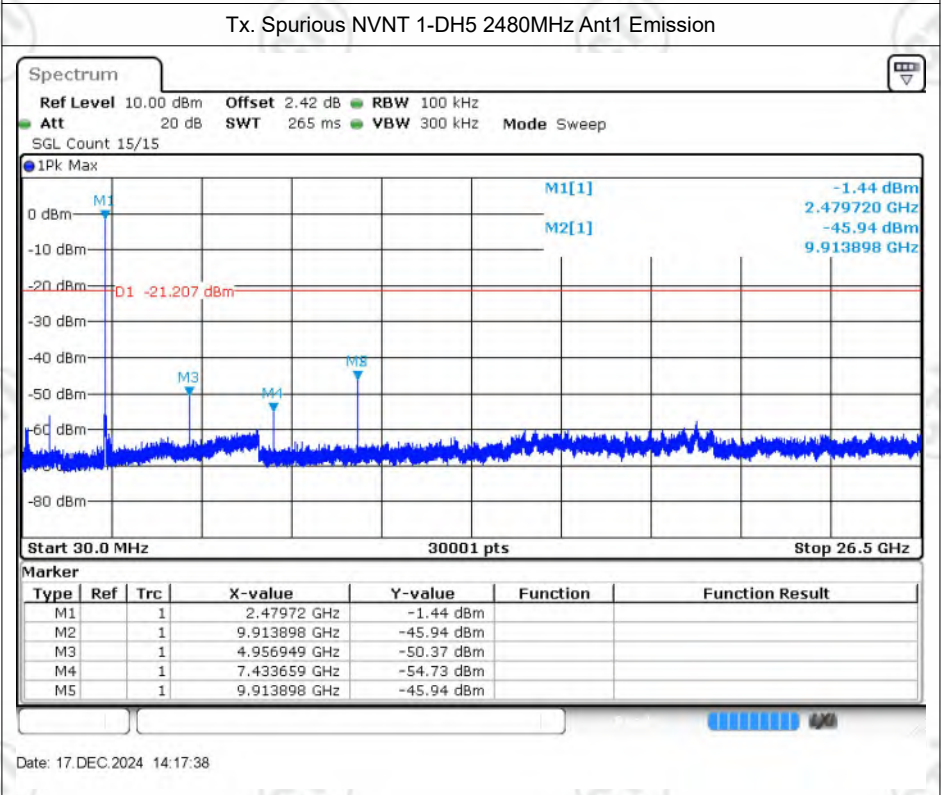
Date: 17. DEC. 2024 14:14:58



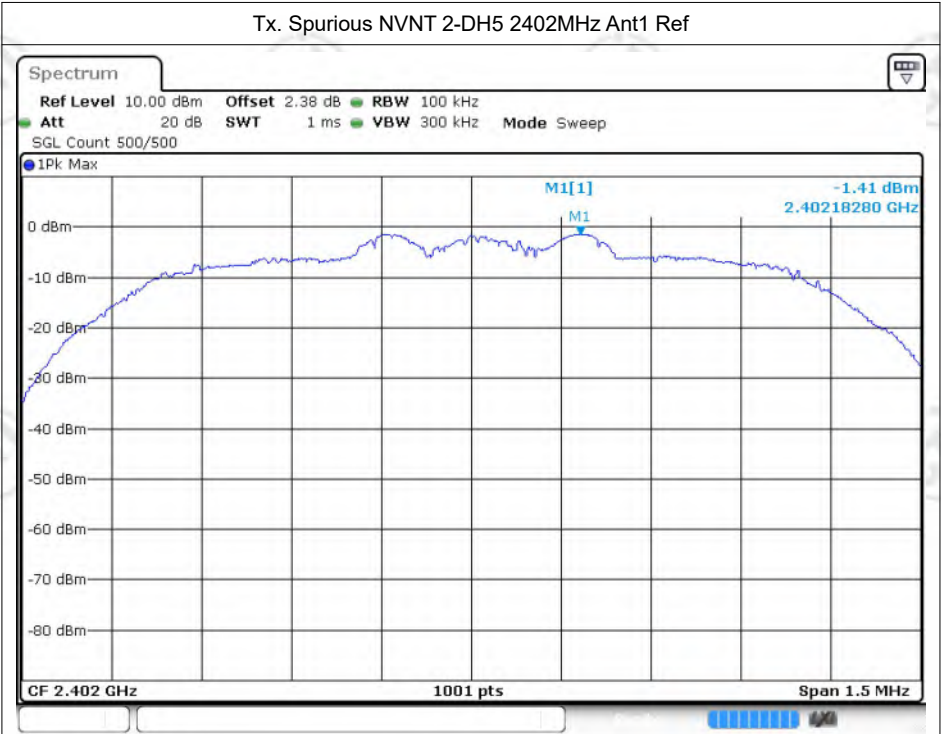
Date: 17. DEC. 2024 14:15:14



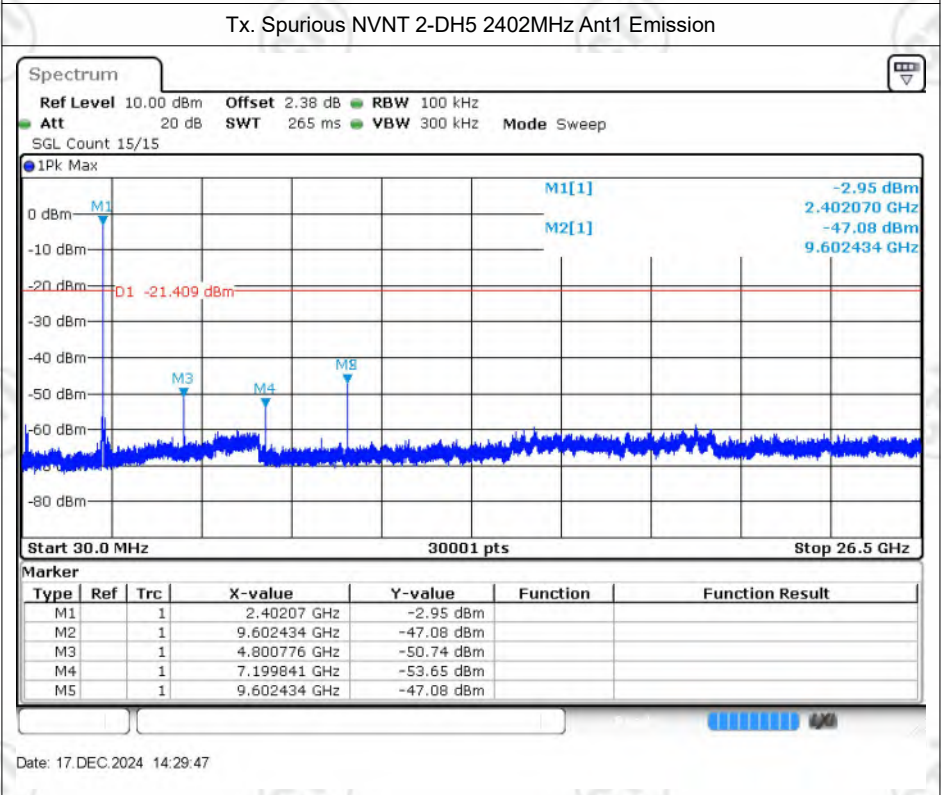
Date: 17. DEC. 2024 14:17:22



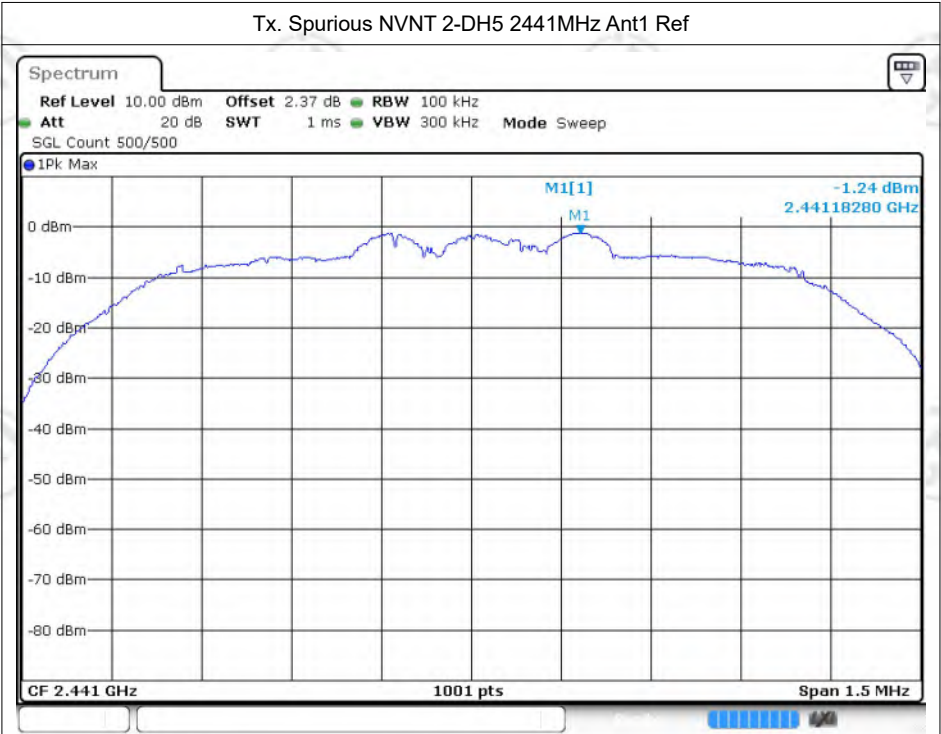
Date: 17. DEC. 2024 14:17:38



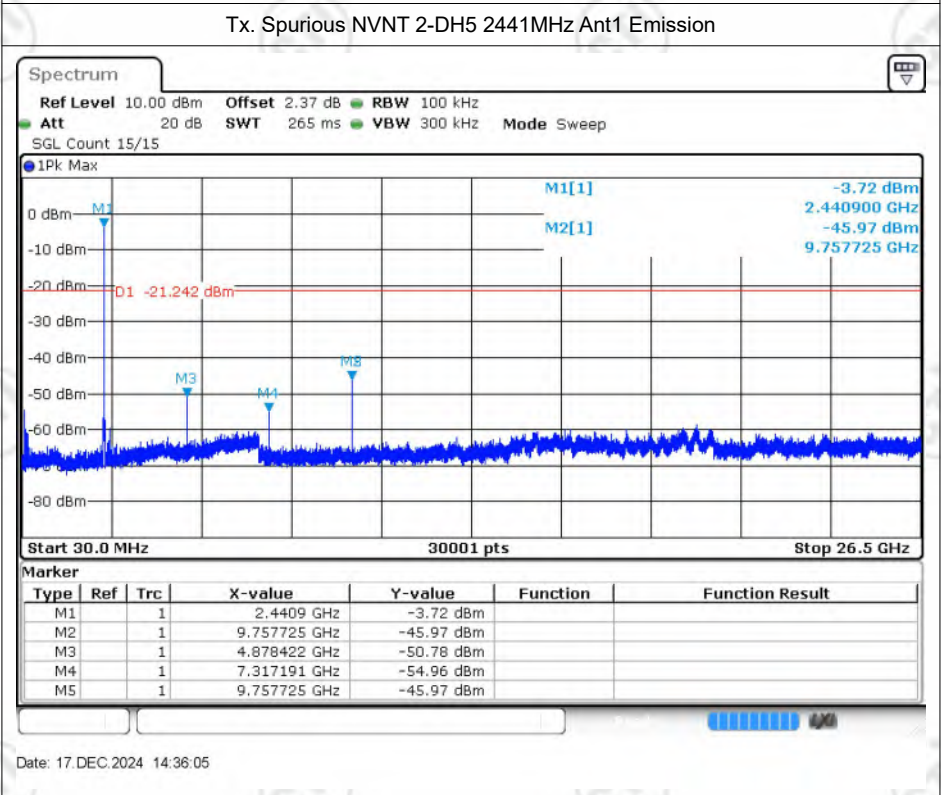
Date: 17. DEC. 2024 14:29:32



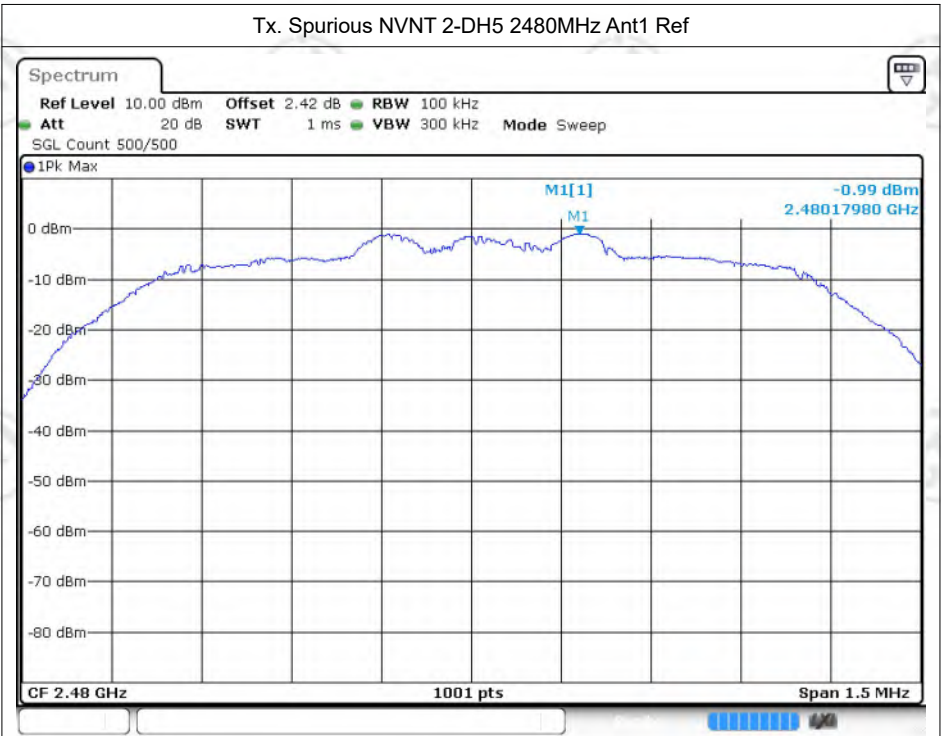
Date: 17. DEC. 2024 14:29:47



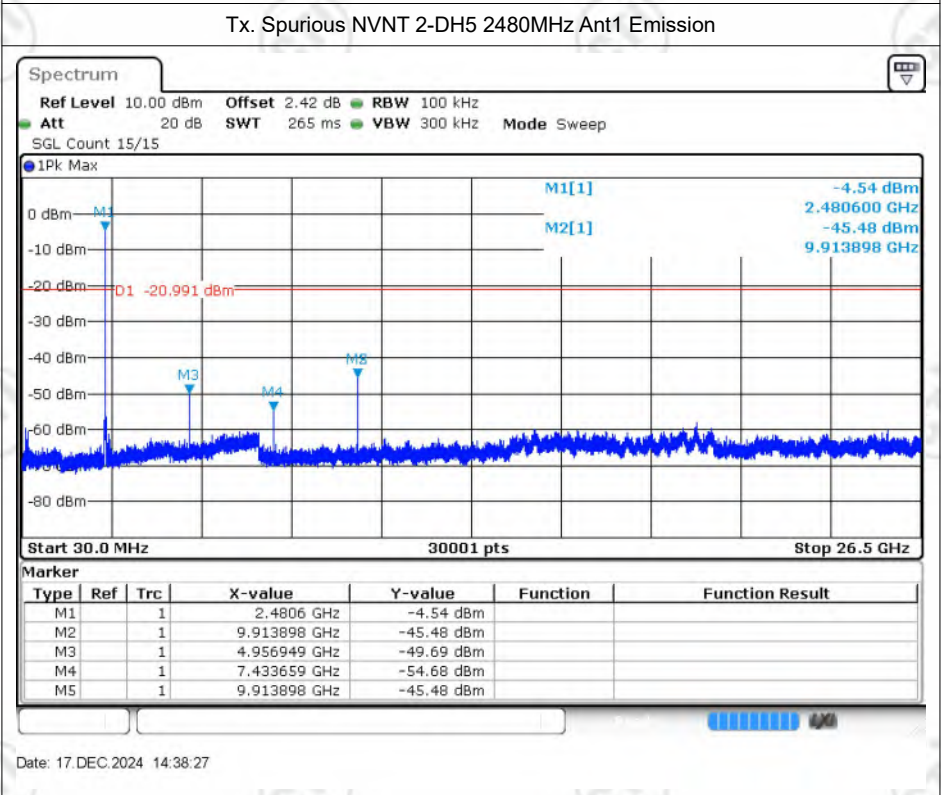
Date: 17. DEC. 2024 14:35:50



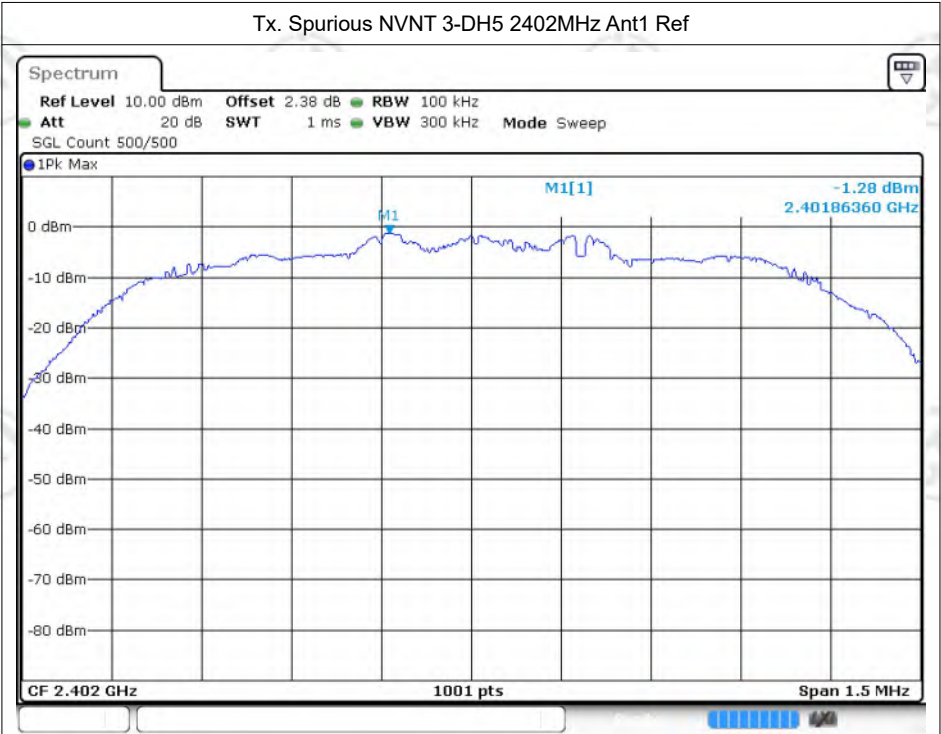
Date: 17. DEC. 2024 14:36:05



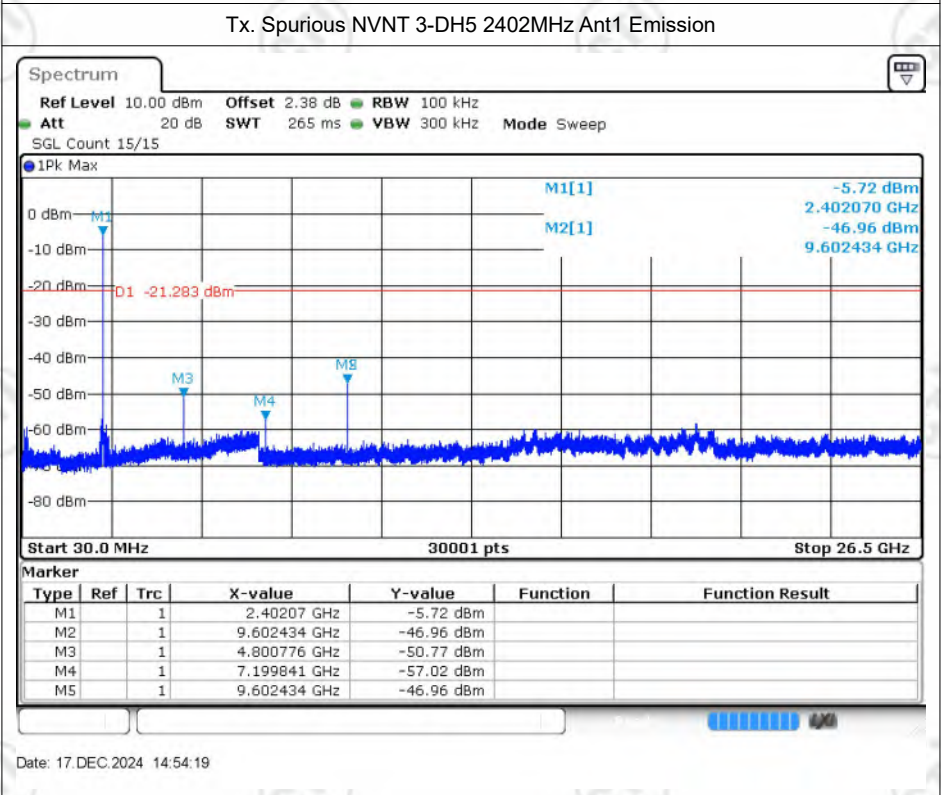
Date: 17. DEC. 2024 14:38:11



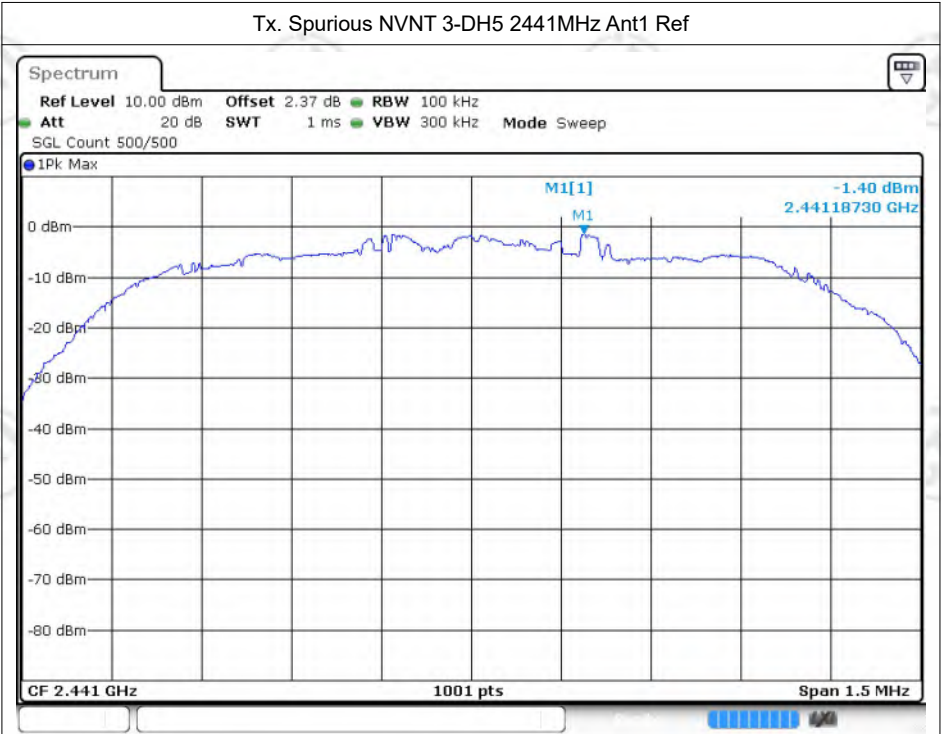
Date: 17. DEC. 2024 14:38:27



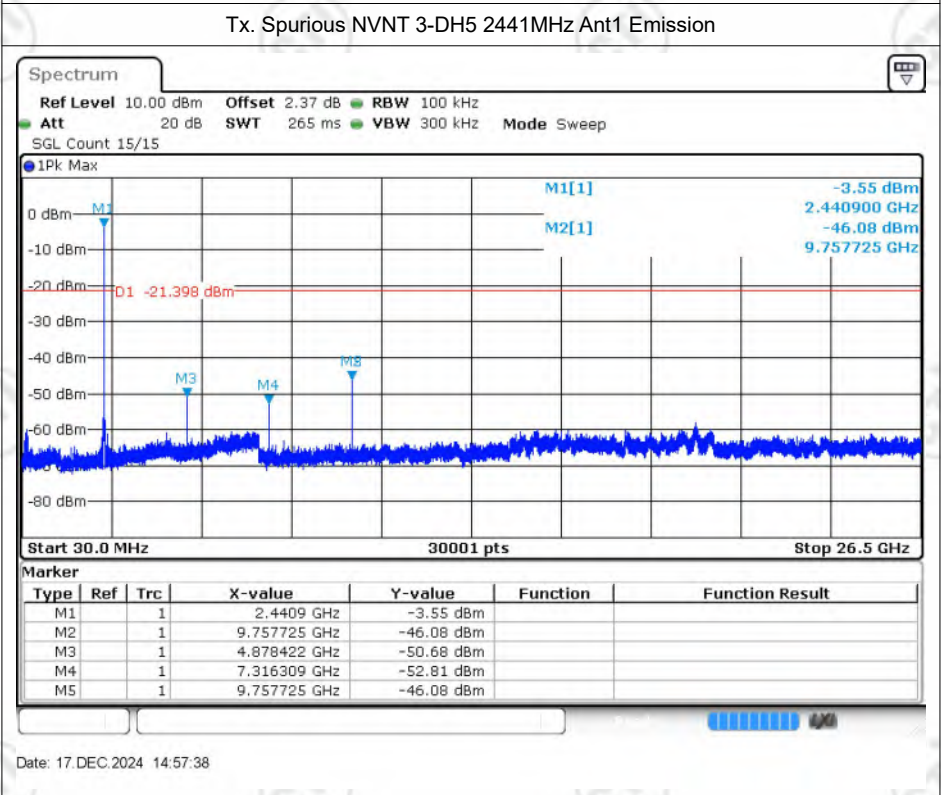
Date: 17. DEC. 2024 14:54:03



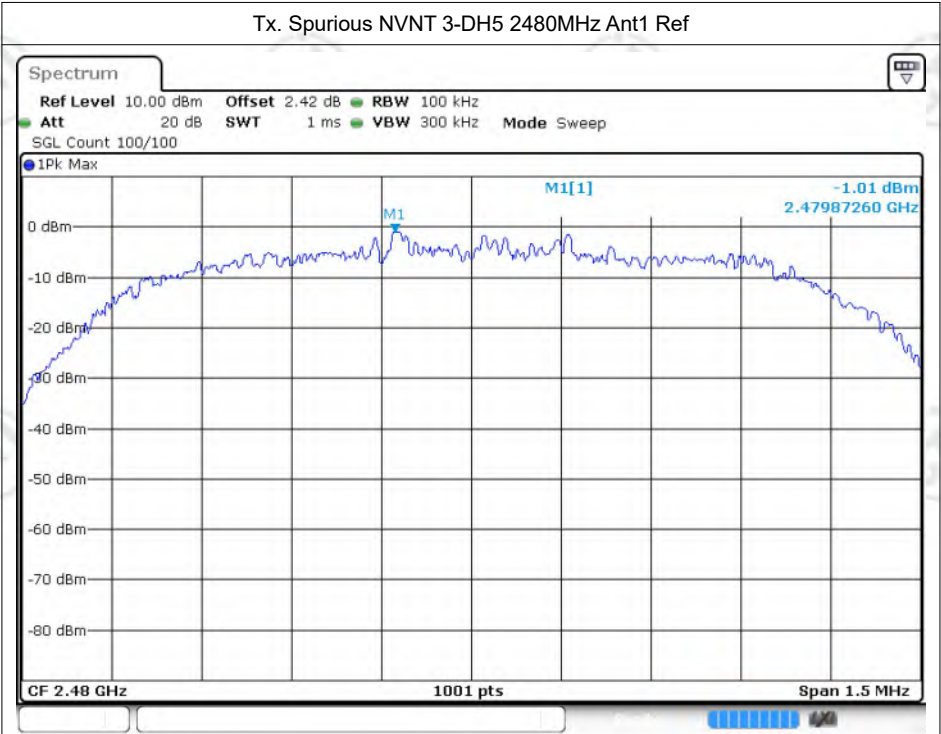
Date: 17. DEC. 2024 14:54:19



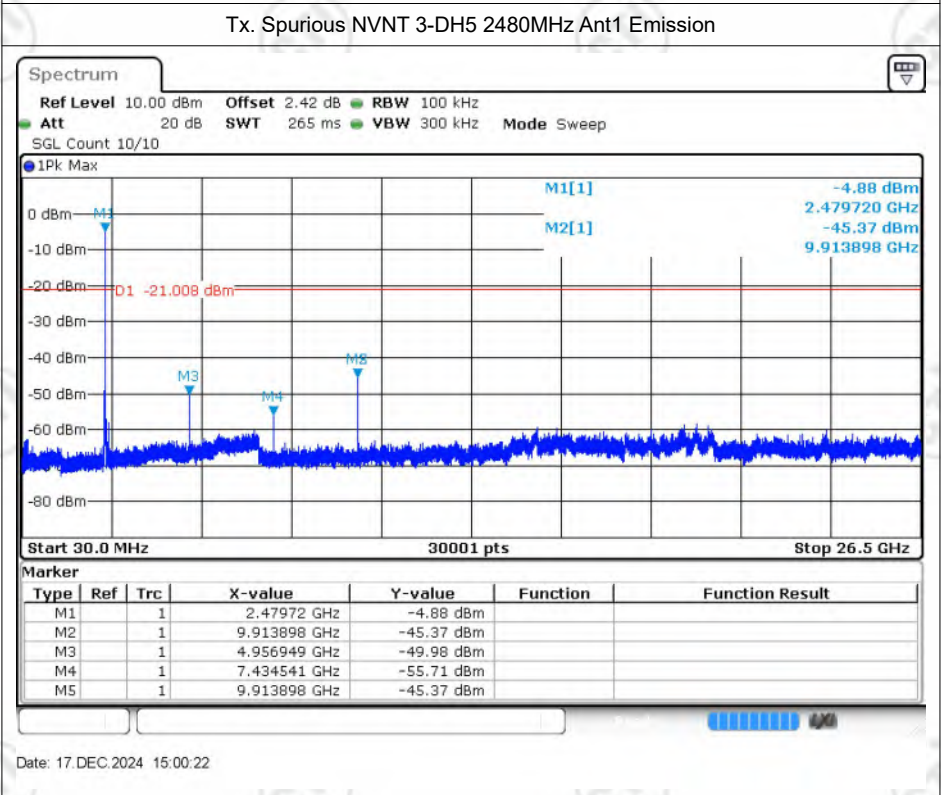
Date: 17. DEC. 2024 14:57:22



Date: 17. DEC. 2024 14:57:38



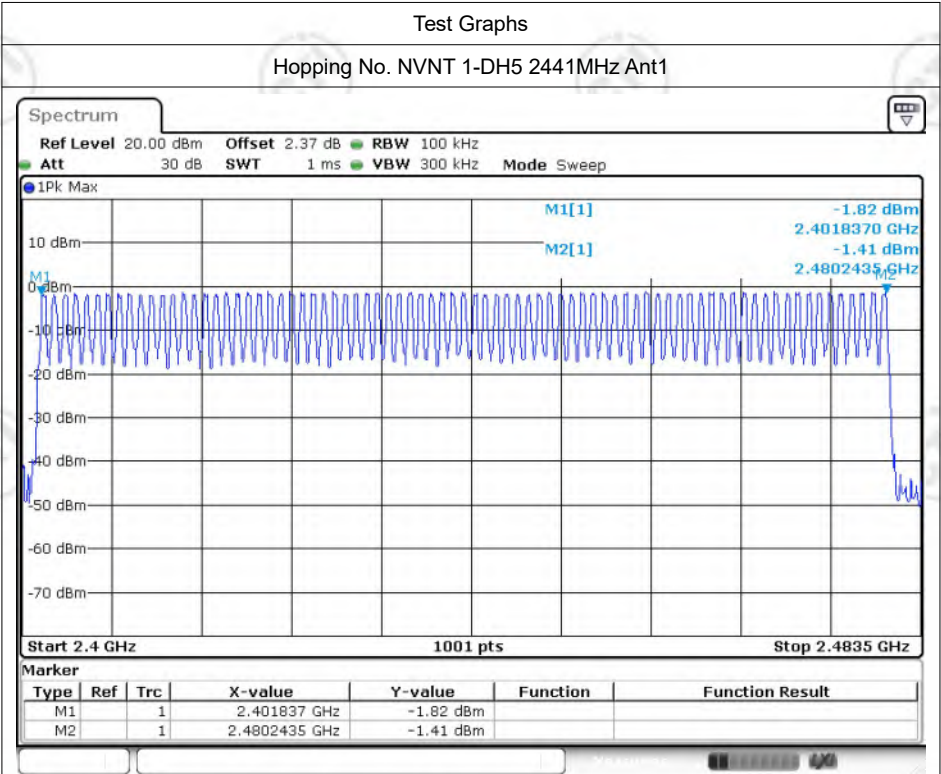
Date: 17.DEC.2024 15:00:11



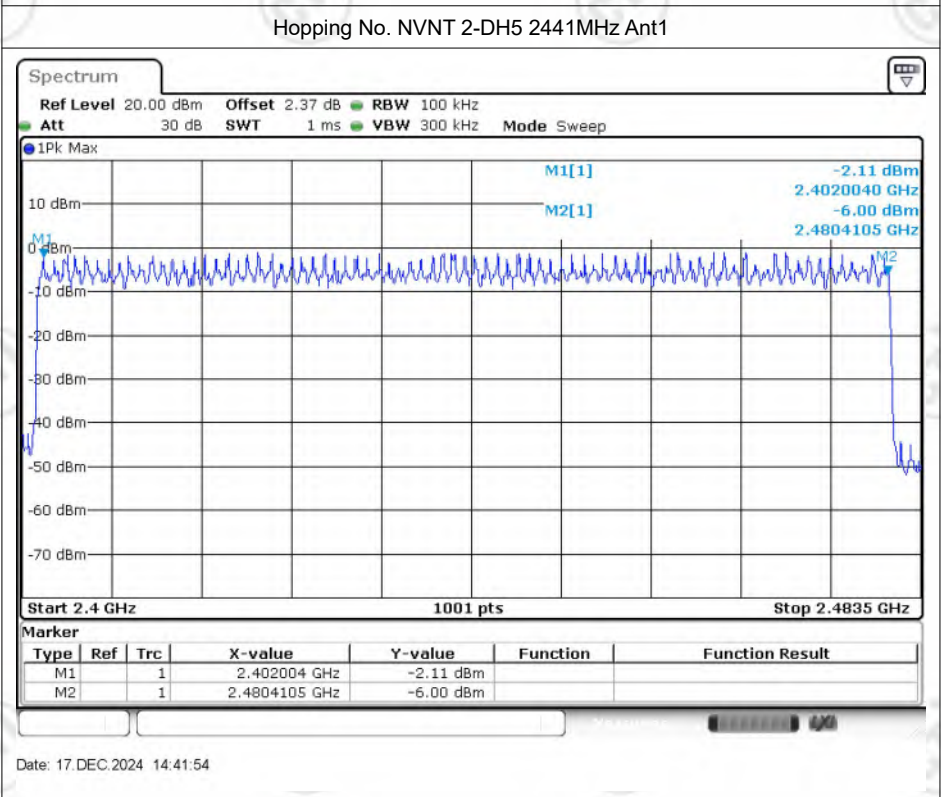
Date: 17.DEC.2024 15:00:22

Number of Hopping Channel

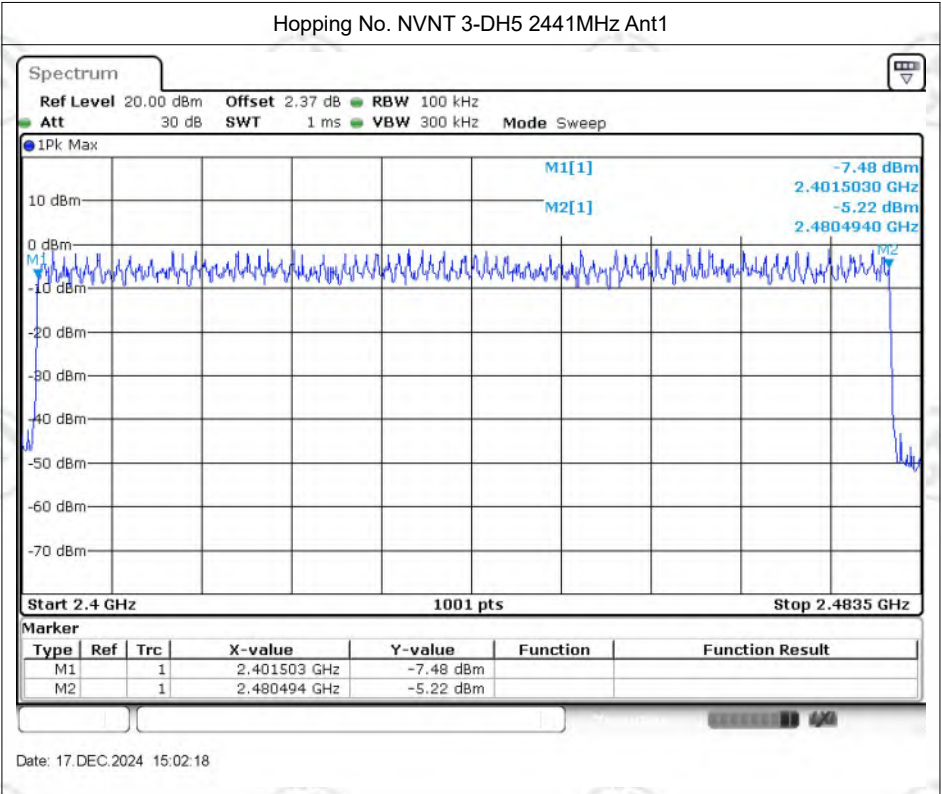
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



Date: 17 DEC 2024 14:20:32



Date: 17 DEC 2024 14:41:54



END OF REPORT