



CQASZ20260901945E-01

Summary

NO.	Item	Verdict
1	20dB Emission Bandwidth	Pass
2	Occupied Channel Bandwidth	Pass
3	Maximum conducted output power	Pass
4	Carrier frequency separation	Pass
5	Time of occupancy	Pass
6	Number of hopping channels	Pass
7	Band edge measurements	Pass
8	Conducted Spurious Emission	Pass
9	Duty Cycle	Pass

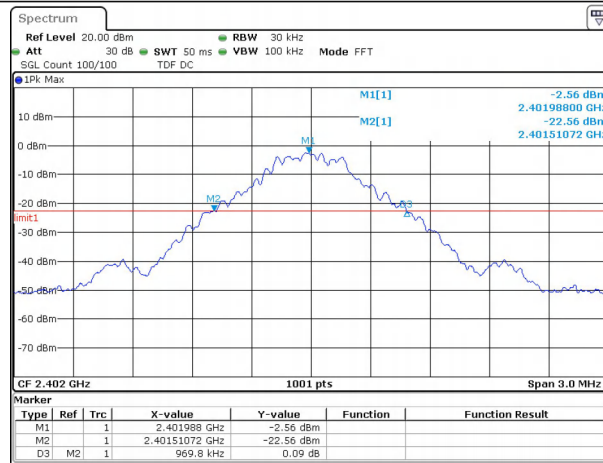
Appendix A: 20dB Emission Bandwidth

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	BW (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
1	NTNV	DH5	2402	1Mbps	ANT1	0.97	2401.51	2402.48	-	-
2	NTNV	DH5	2441	1Mbps	ANT1	1.00	2440.50	2441.50	-	-
3	NTNV	DH5	2480	1Mbps	ANT1	0.99	2479.50	2480.48	-	-
4	NTNV	2DH5	2402	2Mbps	ANT1	1.29	2401.36	2402.65	-	-
5	NTNV	2DH5	2441	2Mbps	ANT1	1.29	2440.36	2441.65	-	-
6	NTNV	2DH5	2480	2Mbps	ANT1	1.31	2479.34	2480.65	-	-

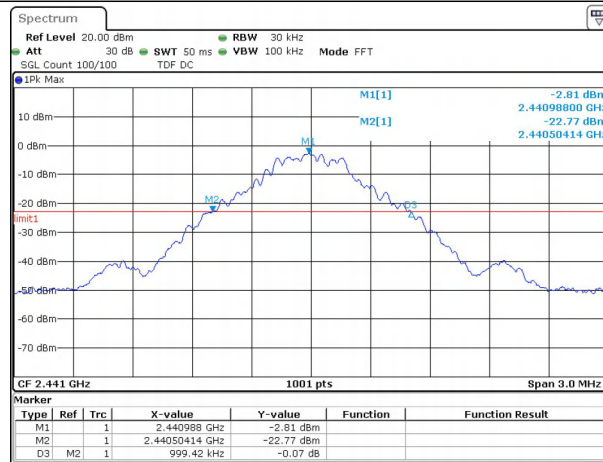
Test Graphs

NTNV_DH5_2402_1Mbps



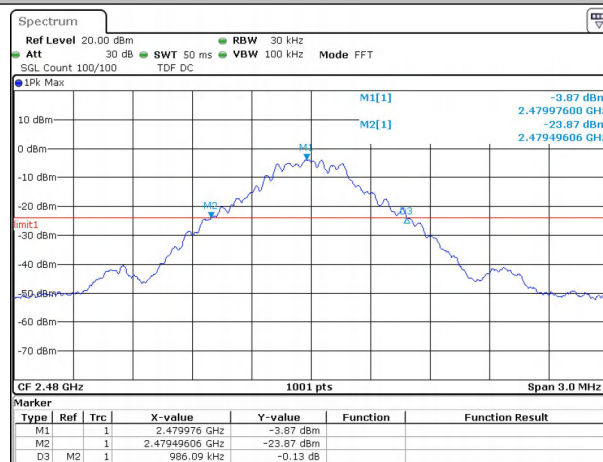
Date: 28.SEP.2026 17:33:23

NTNV_DH5_2441_1Mbps



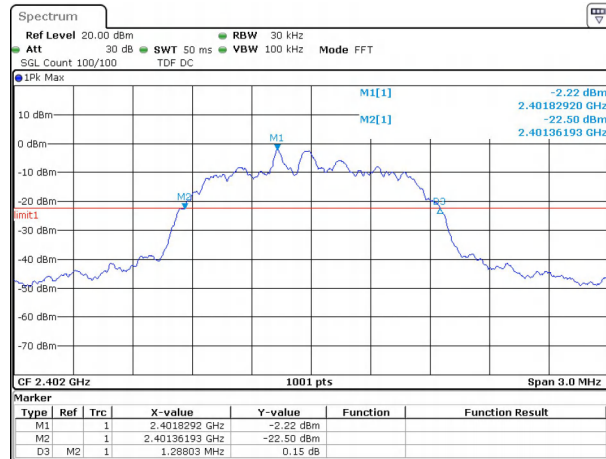
Date: 28.SEP.2026 17:36:06

NTNV_DH5_2480_1Mbps



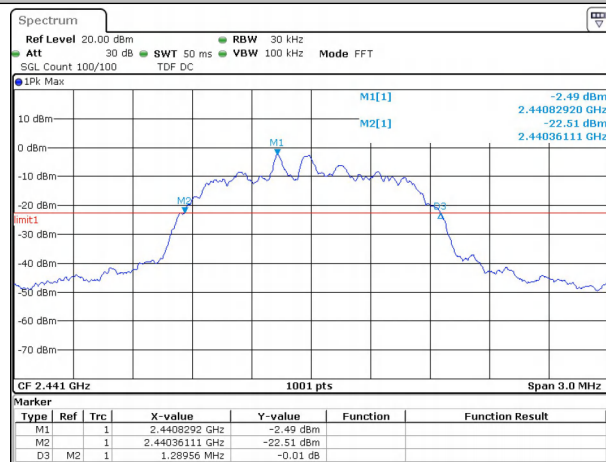
Date: 28.SEP.2026 17:37:40

NTNV_2DH5_2402_2Mbps



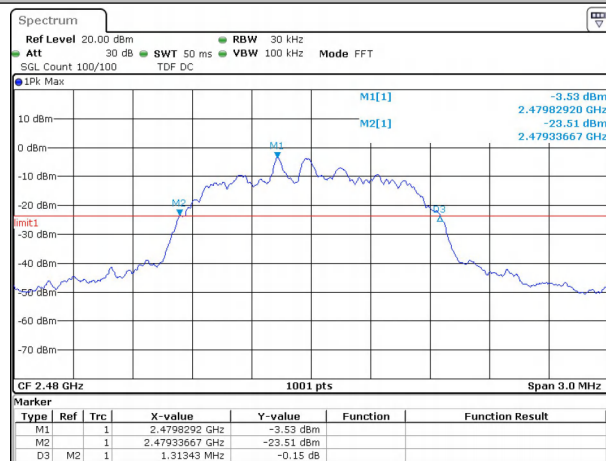
Date: 28.SEP.2026 17:39:41

NTNV_2DH5_2441_2Mbps



Date: 28.SEP.2026 17:41:34

NTNV_2DH5_2480_2Mbps



Date: 28.SEP.2026 17:43:09

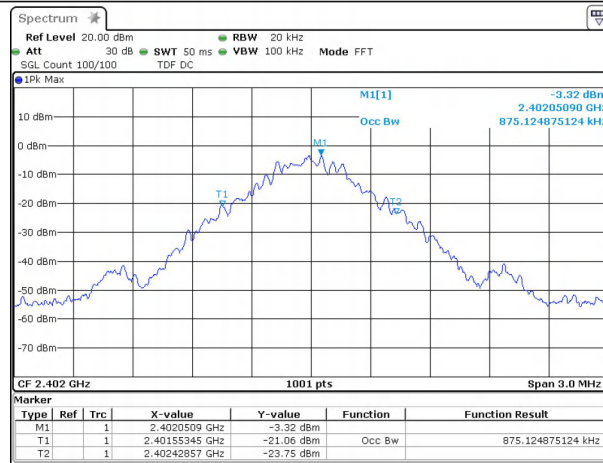
Appendix B: Occupied Channel Bandwidth

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	99% OBW (MHz)	Limit (MHz)	FL (MHz)	FH (MHz)	Verdict
1	NTNV	DH5	2402	1Mbps	ANT1	0.88	-	2401.55	2402.43	Pass
2	NTNV	DH5	2441	1Mbps	ANT1	0.88	-	2440.55	2441.43	Pass
3	NTNV	DH5	2480	1Mbps	ANT1	0.88	-	2479.55	2480.43	Pass
4	NTNV	2DH5	2402	2Mbps	ANT1	1.18	-	2401.40	2402.58	Pass
5	NTNV	2DH5	2441	2Mbps	ANT1	1.18	-	2440.40	2441.58	Pass
6	NTNV	2DH5	2480	2Mbps	ANT1	1.18	-	2479.40	2480.58	Pass

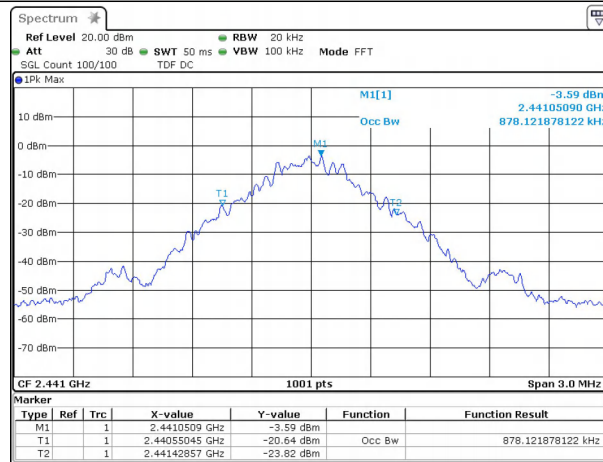
Test Graphs

NTNV_DH5_2402_1Mbps



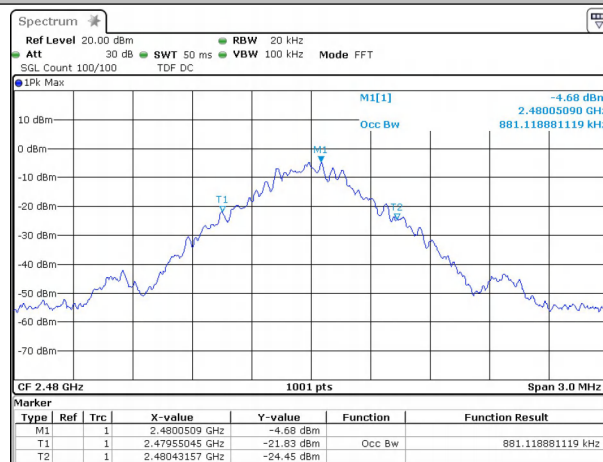
Date: 28.SEP.2026 17:32:52

NTNV_DH5_2441_1Mbps



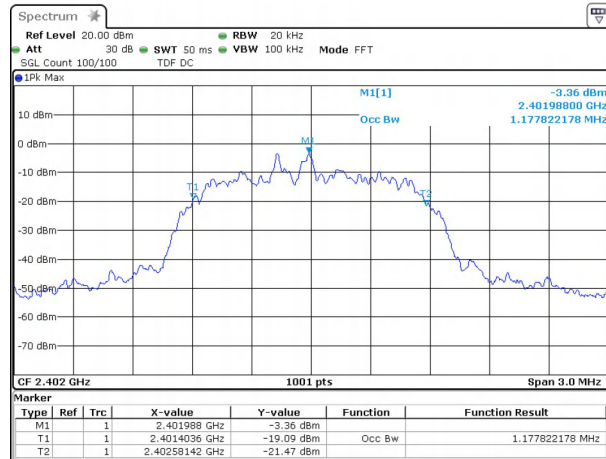
Date: 28.SEP.2026 17:35:34

NTNV_DH5_2480_1Mbps



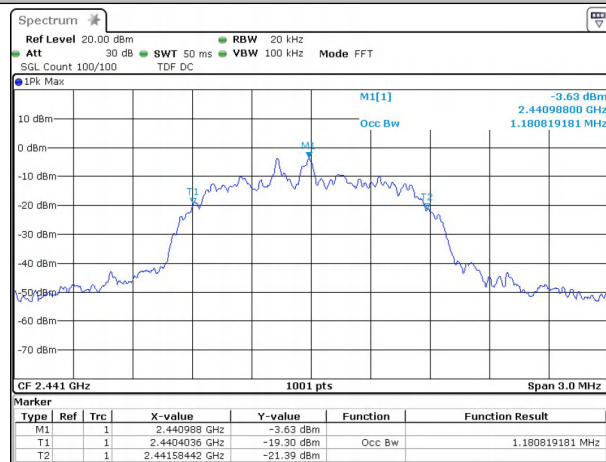
Date: 28.SEP.2026 17:37:08

NTNV_2DH5_2402_2Mbps



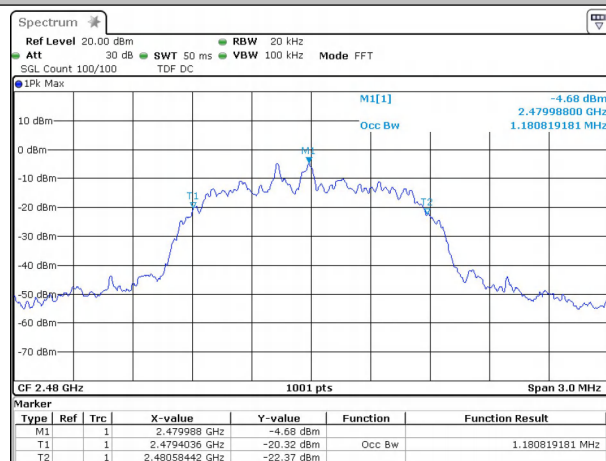
Date: 28.SEP.2026 17:39:10

NTNV_2DH5_2441_2Mbps



Date: 28.SEP.2026 17:41:02

NTNV_2DH5_2480_2Mbps



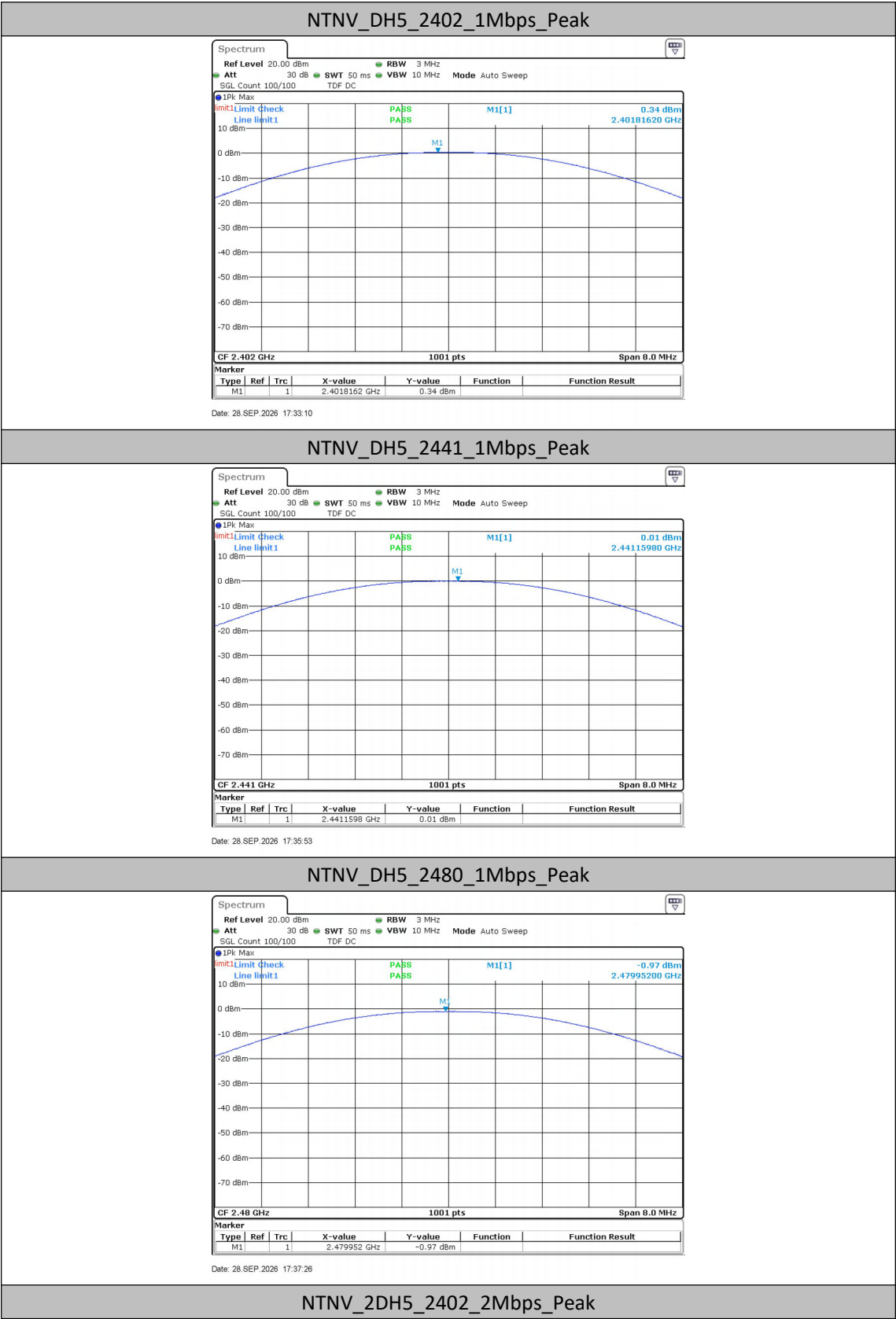
Date: 28.SEP.2026 17:42:38

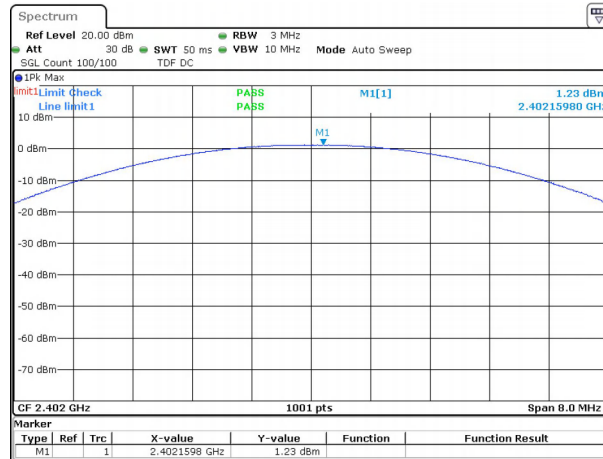
Appendix C: Maximum conducted output power

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Detector	Antenna	Conducted Peak Power (dBm)	Conducted Limit (dBm)	Verdict
1	NTNV	DH5	2402	Peak	ANT1	0.34	≤30	Pass
2	NTNV	DH5	2441	Peak	ANT1	0.01	≤30	Pass
3	NTNV	DH5	2480	Peak	ANT1	-0.97	≤30	Pass
4	NTNV	2DH5	2402	Peak	ANT1	1.23	≤30	Pass
5	NTNV	2DH5	2441	Peak	ANT1	0.89	≤30	Pass
6	NTNV	2DH5	2480	Peak	ANT1	-0.08	≤30	Pass

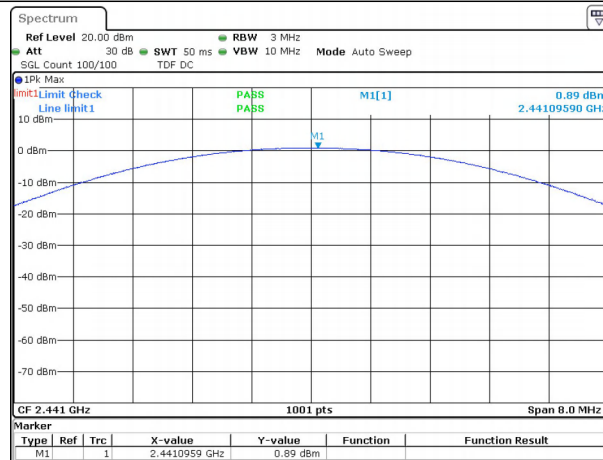
Test Graphs





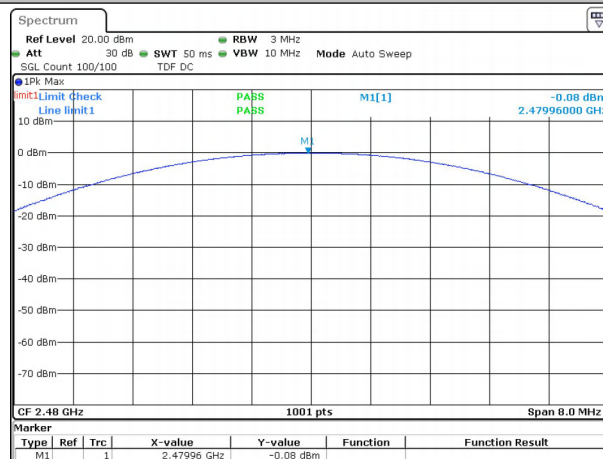
Date: 28.SEP.2026 17:39:28

NTNV_2DH5_2441_2Mbps_Peak



Date: 28.SEP.2026 17:41:20

NTNV_2DH5_2480_2Mbps_Peak



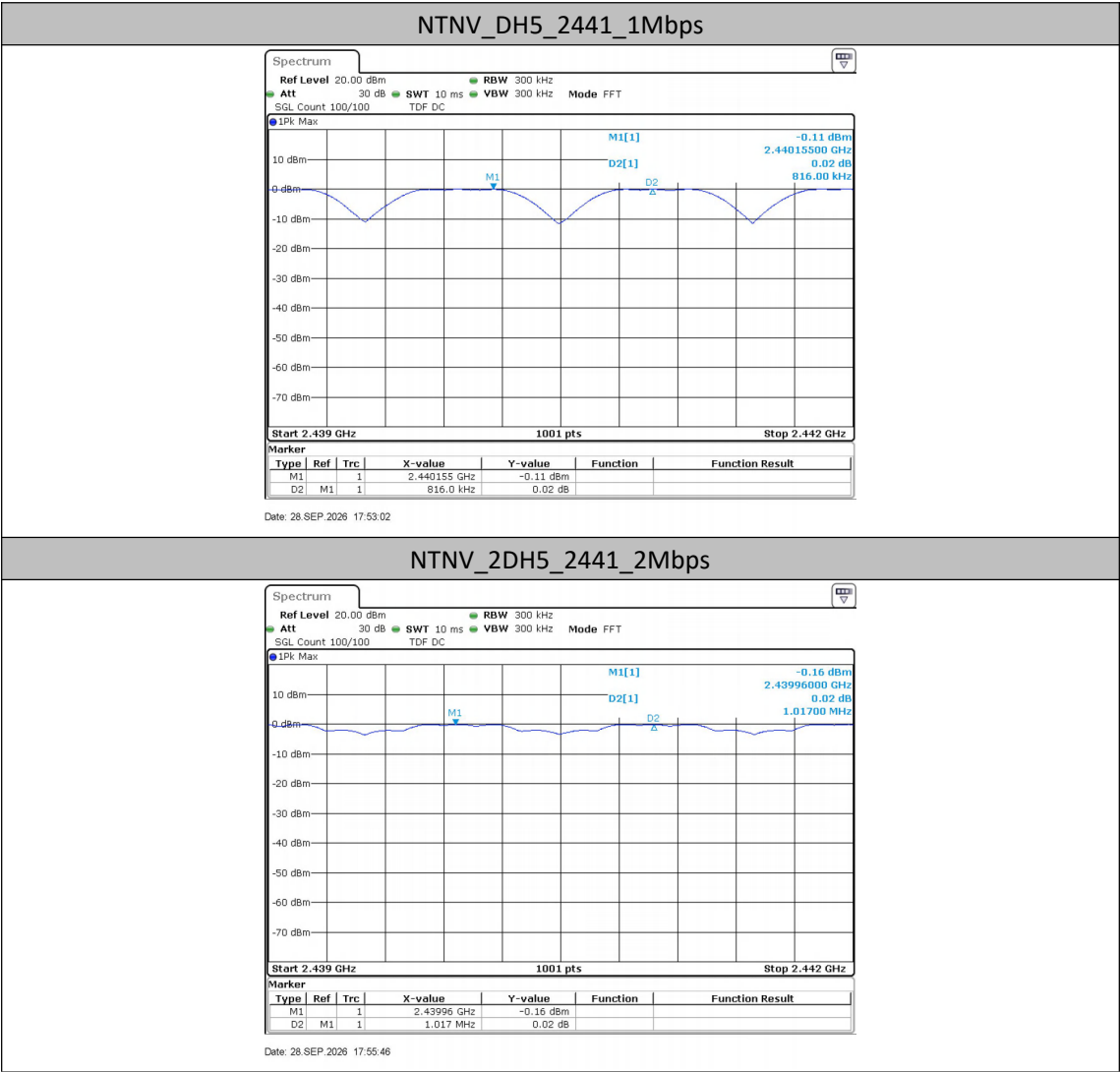
Date: 28.SEP.2026 17:42:56

Appendix D: Carrier frequency separation

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Result (MHz)	Limit (MHz)	Verdict
1	NTNV	DH5 FHSS	2441	1Mbps	ANT1	0.82	≥ 0.67	Pass
2	NTNV	2DH5 FHSS	2441	2Mbps	ANT1	1.02	≥ 0.86	Pass

Test Graphs

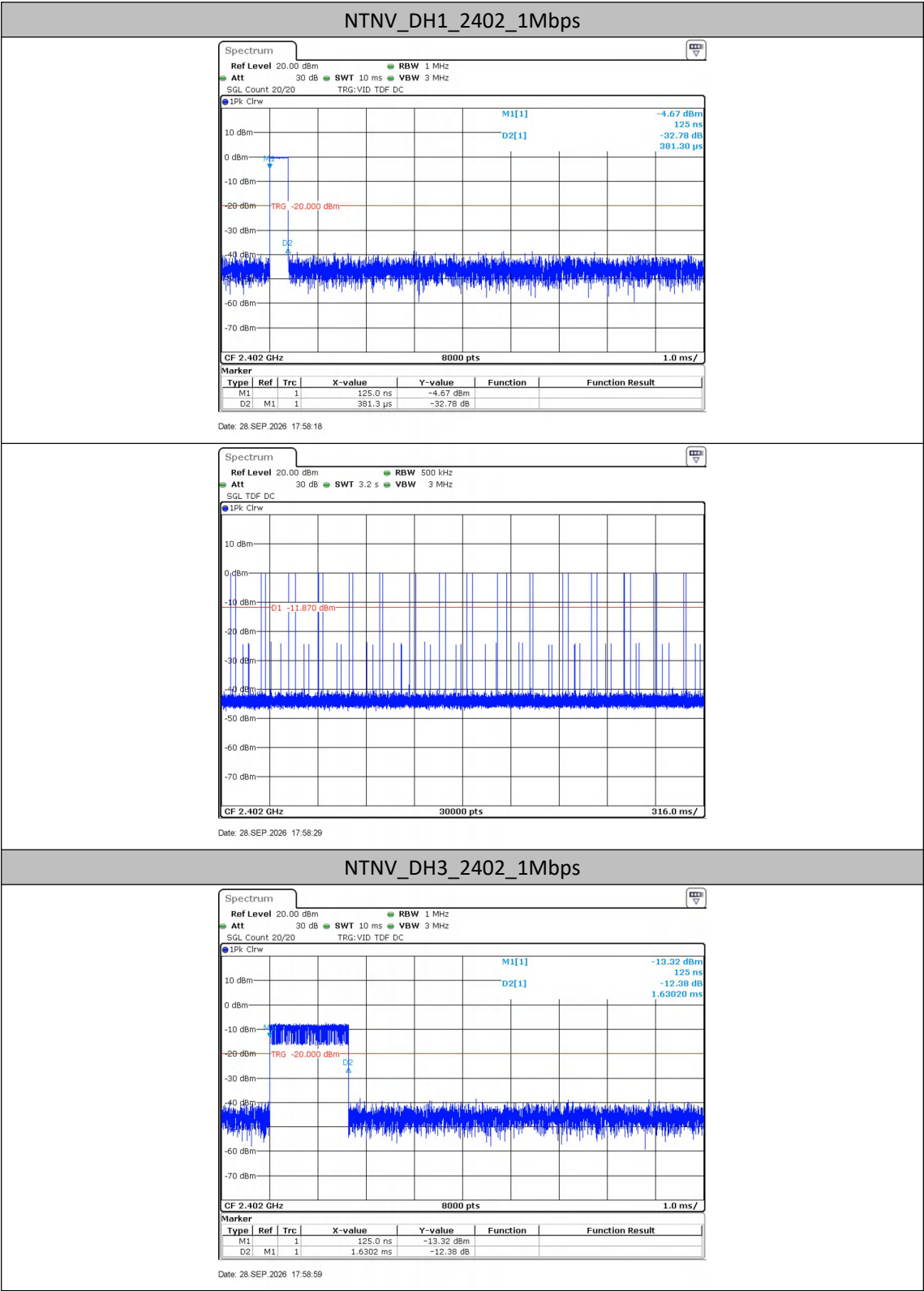


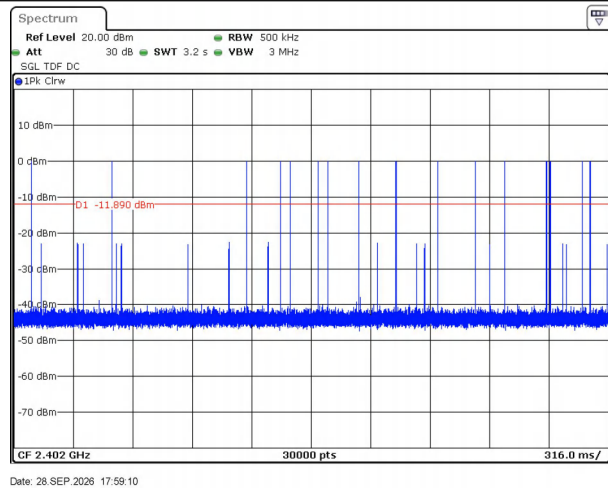
Appendix E: Time of occupancy

Test Result

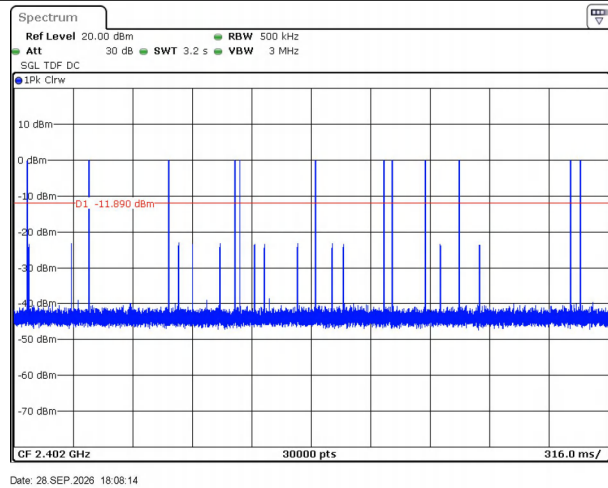
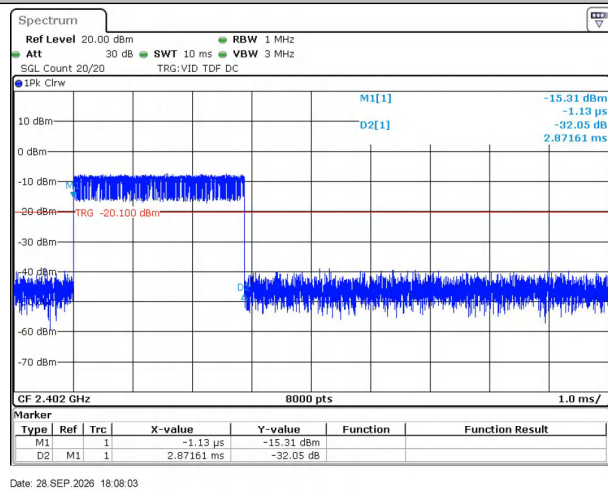
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Burst Width (ms)	Total Hops	Dwell Time (s)	Limit (s)	Verdict
1	NTNV	DH1 FHSS	2402	1Mbps	ANT1	0.38	32	0.12	≤0.4	Pass
2	NTNV	DH3 FHSS	2402	1Mbps	ANT1	1.63	16	0.26	≤0.4	Pass
3	NTNV	DH5 FHSS	2402	1Mbps	ANT1	2.87	12	0.35	≤0.4	Pass
4	NTNV	2DH1 FHSS	2402	2Mbps	ANT1	0.39	32	0.13	≤0.4	Pass
5	NTNV	2DH3 FHSS	2402	2Mbps	ANT1	1.64	13	0.21	≤0.4	Pass
6	NTNV	2DH5 FHSS	2402	2Mbps	ANT1	2.88	9	0.26	≤0.4	Pass

Test Graphs

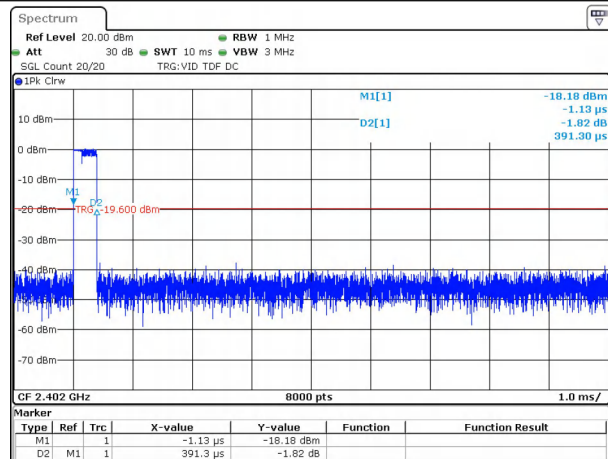




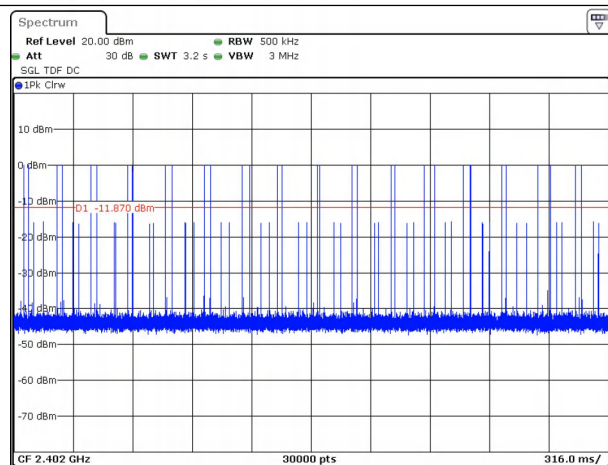
NTNV_DH5_2402_1Mbps



NTNV_2DH1_2402_2Mbps

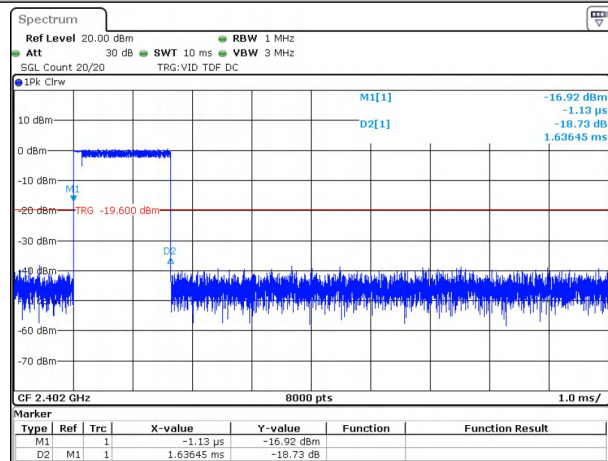


Date: 28.SEP.2026 18:00:28

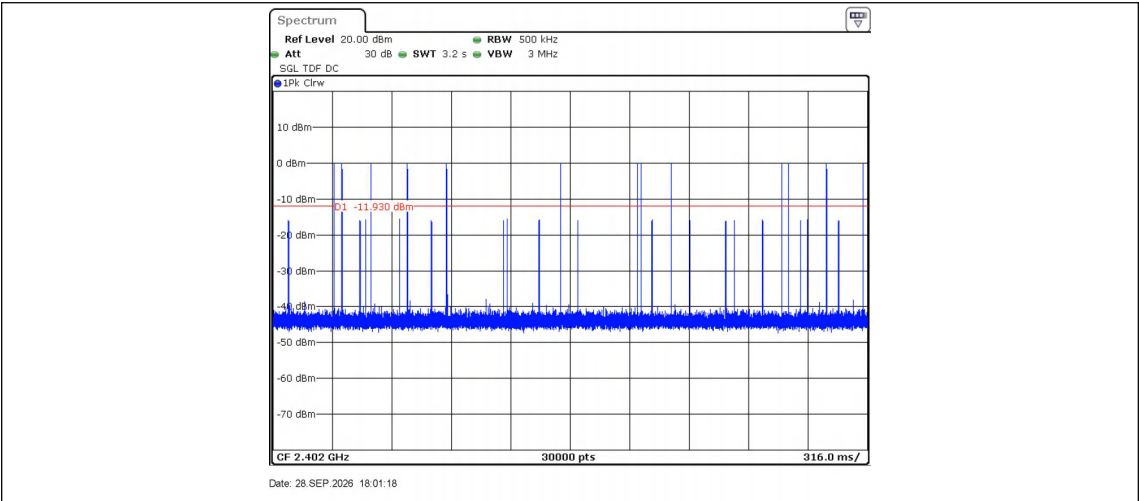


Date: 28.SEP.2026 18:00:39

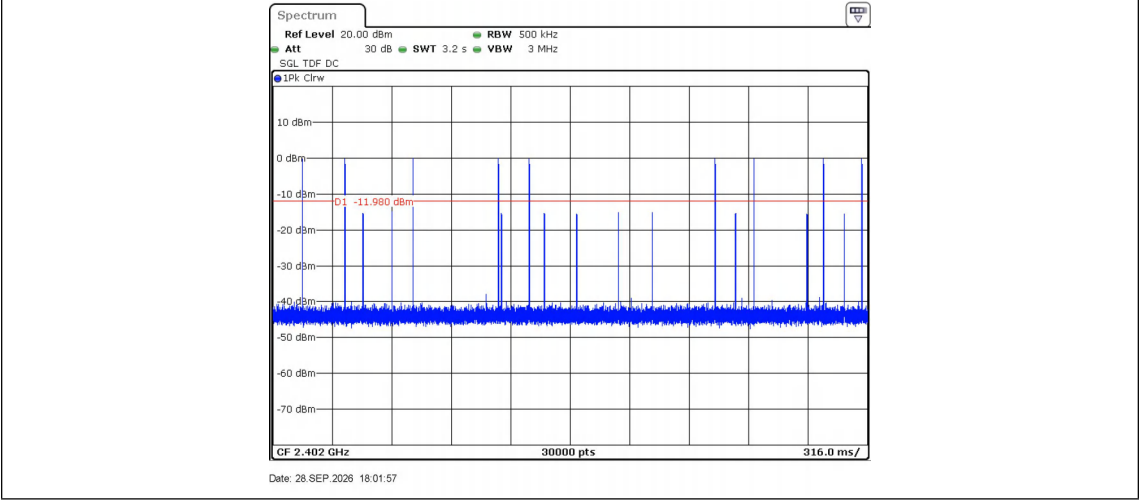
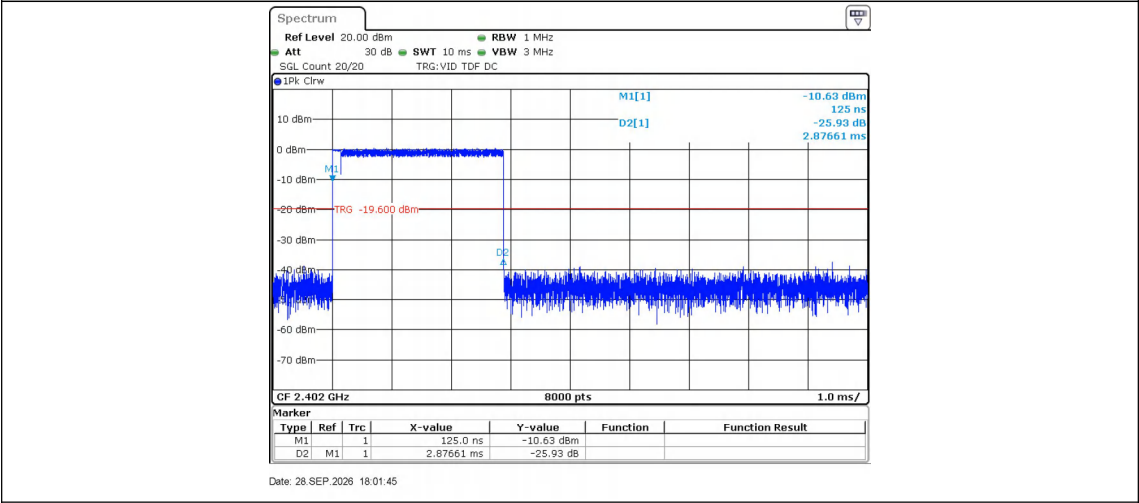
NTNV_2DH3_2402_2Mbps



Date: 28.SEP.2026 18:01:07



NTNV_2DH5_2402_2Mbps

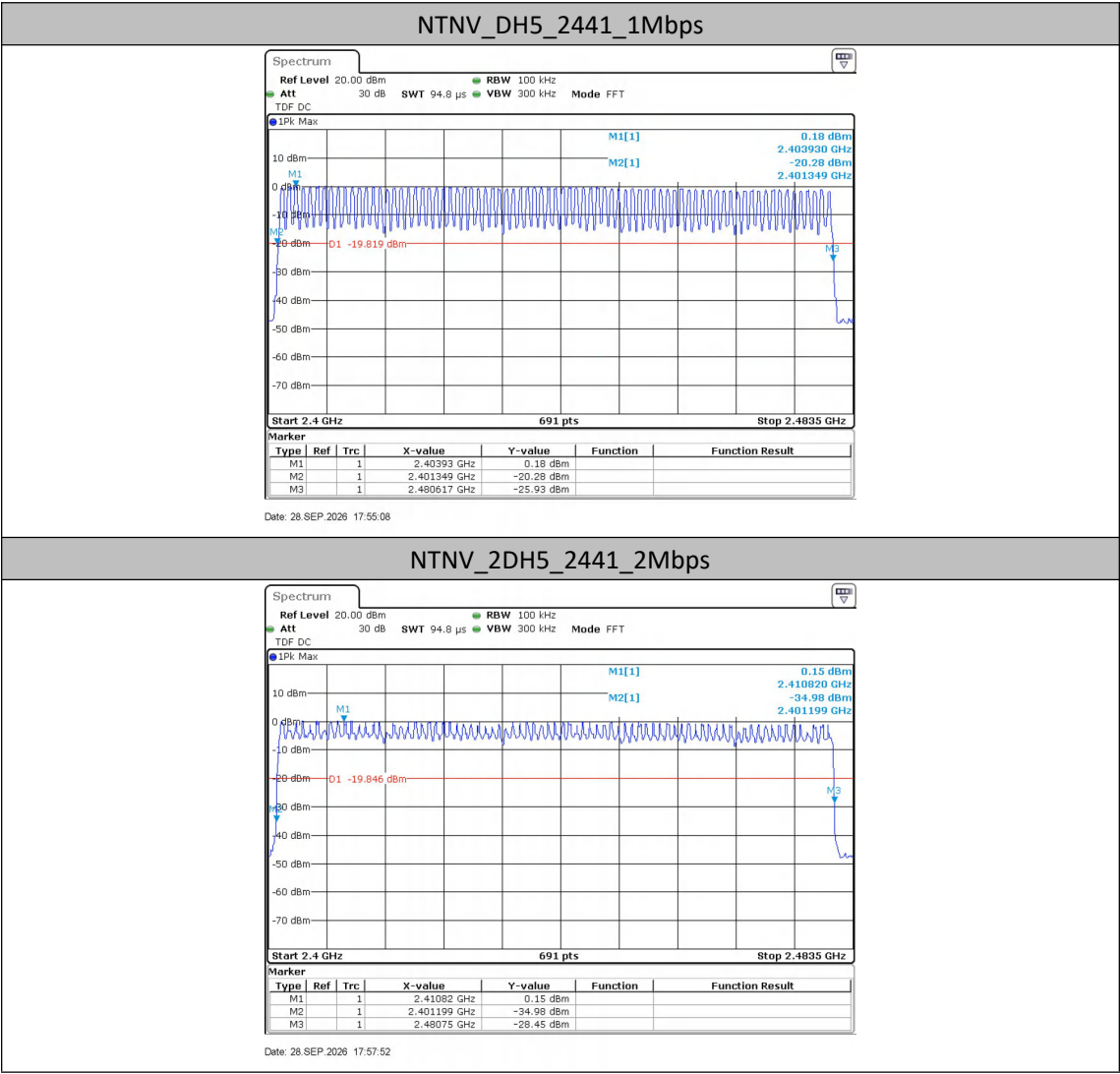


Appendix F: Number of hopping channels

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Result (Num)	Limit (Num)	Verdict
1	NTNV	DH5 FHSS	2441	1Mbps	ANT1	79	≥ 15	Pass
2	NTNV	2DH5 FHSS	2441	2Mbps	ANT1	79	≥ 15	Pass

Test Graphs

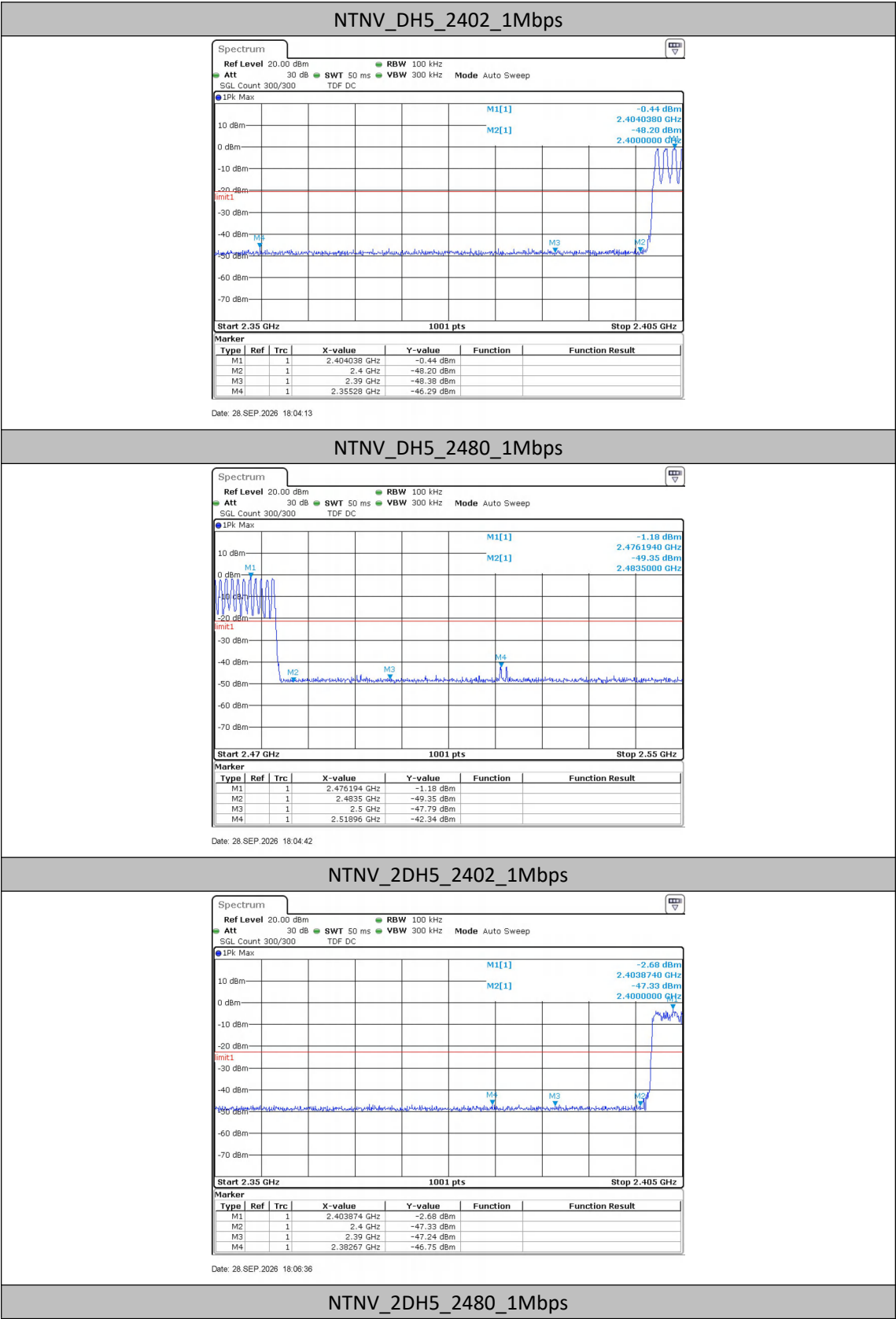


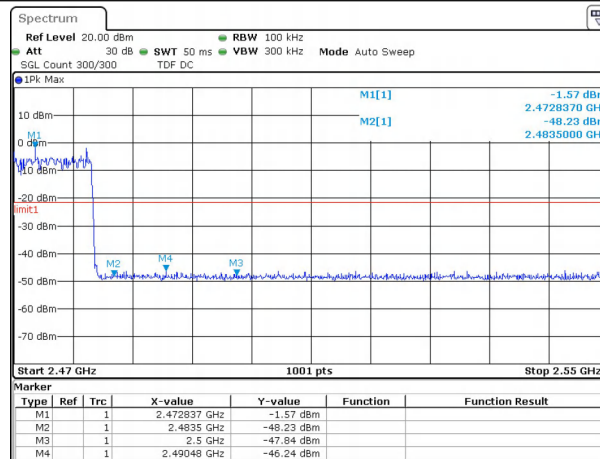
Appendix G: Band edge measurements

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Reference (dBm)	Emission Level (dBm)	Limit (dBm)	Verdict
1	NTNV	DH5 FHSS	2402	1Mbps	ANT1	-0.44	-46.29	≤ -20.44	Pass
2	NTNV	DH5 FHSS	2480	1Mbps	ANT1	-1.18	-42.34	≤ -21.18	Pass
3	NTNV	2DH5 FHSS	2402	1Mbps	ANT1	-2.68	-46.75	≤ -22.68	Pass
4	NTNV	2DH5 FHSS	2480	1Mbps	ANT1	-1.57	-46.24	≤ -21.57	Pass
5	NTNV	DH5	2402	1Mbps	ANT1	-0.56	-47.51	≤ -20.56	Pass
6	NTNV	DH5	2480	1Mbps	ANT1	-1.84	-46.54	≤ -21.84	Pass
7	NTNV	2DH5	2402	2Mbps	ANT1	-3.1	-47.00	≤ -23.1	Pass
8	NTNV	2DH5	2480	2Mbps	ANT1	-4.9	-47.11	≤ -24.9	Pass

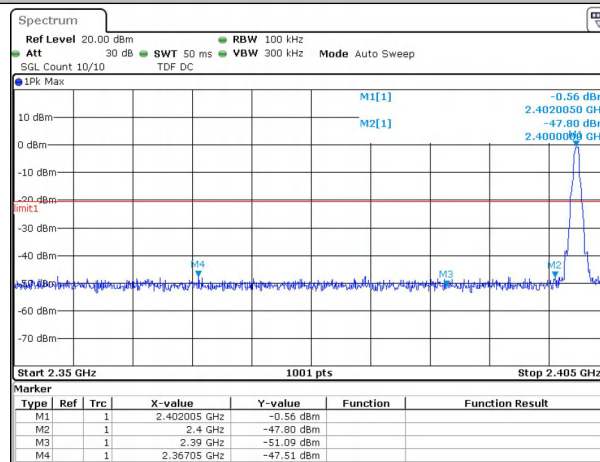
Test Graphs





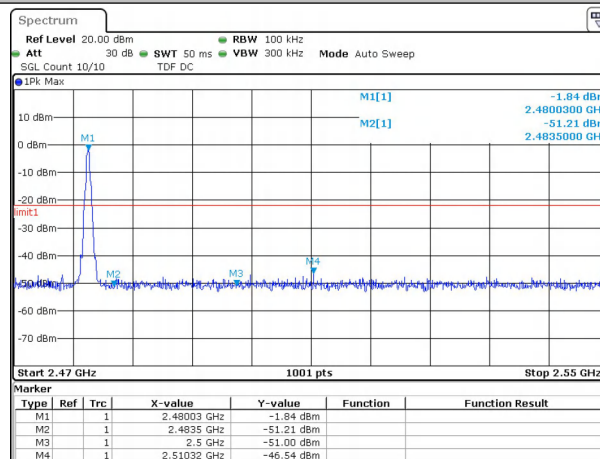
Date: 28.SEP.2026 18:05:45

NTNV_DH5_2402_1Mbps



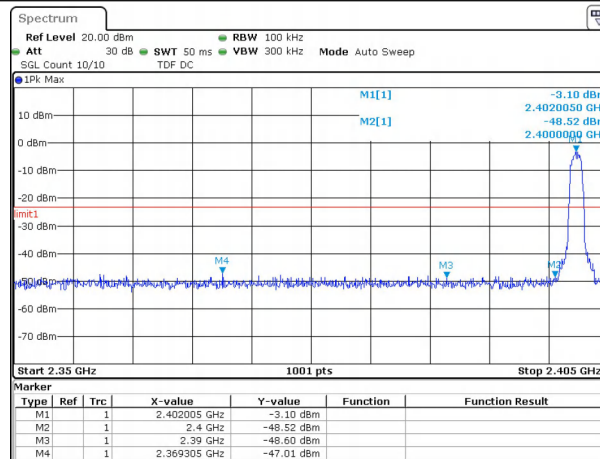
Date: 28.SEP.2026 17:33:27

NTNV_DH5_2480_1Mbps



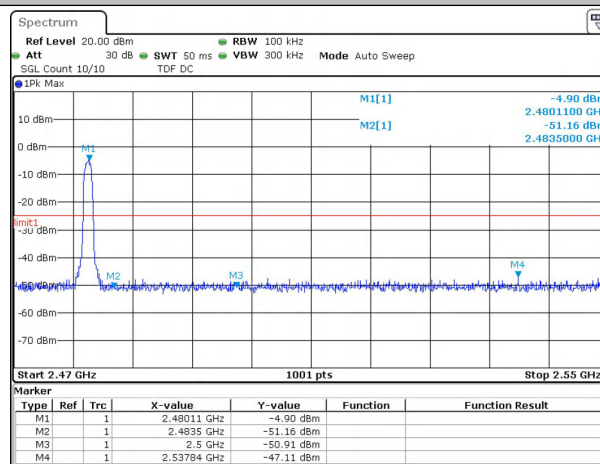
Date: 28.SEP.2026 17:37:44

NTNV_2DH5_2402_2Mbps



Date: 28.SEP.2026 17:39:45

NTNV_2DH5_2480_2Mbps



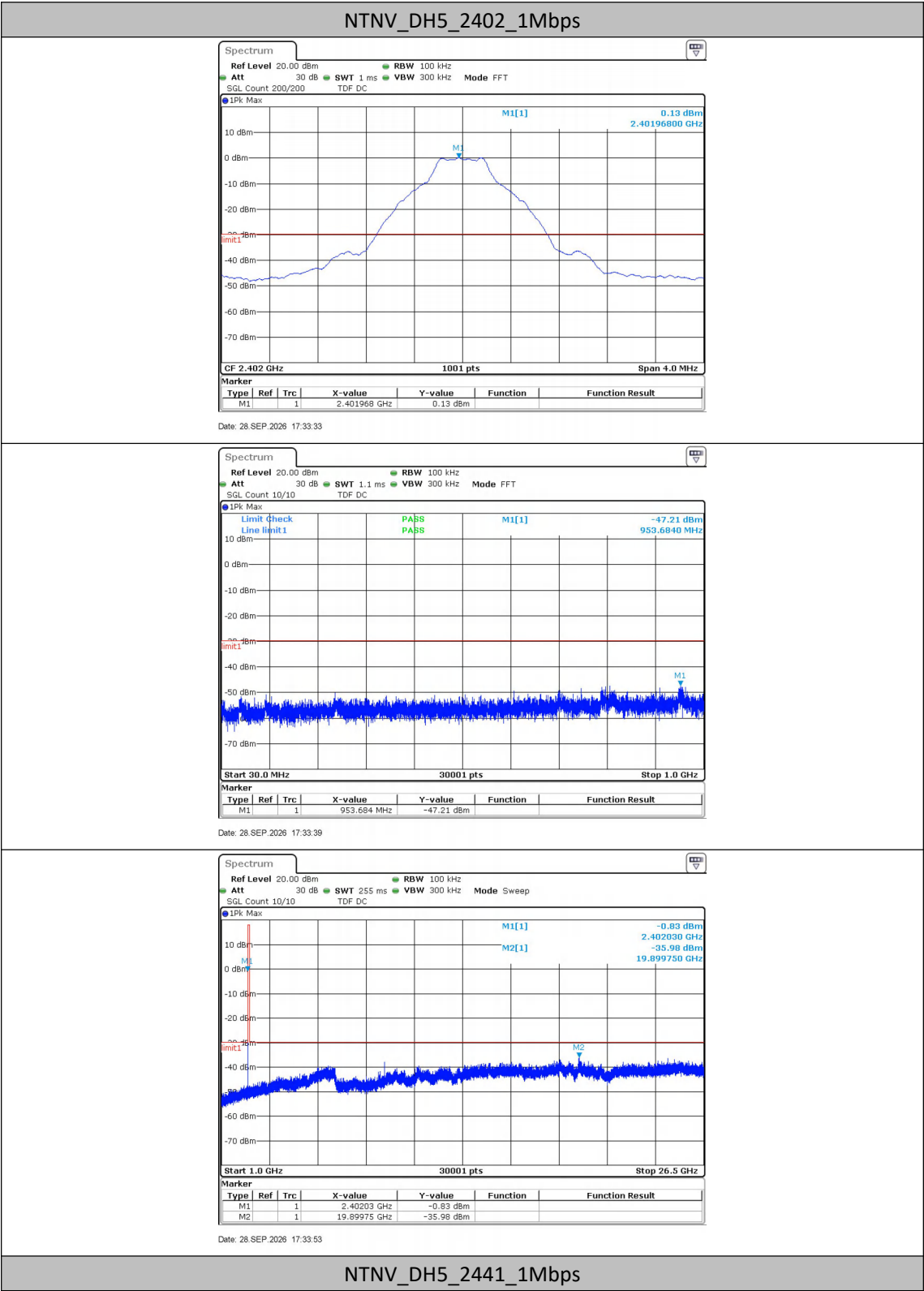
Date: 28.SEP.2026 17:43:13

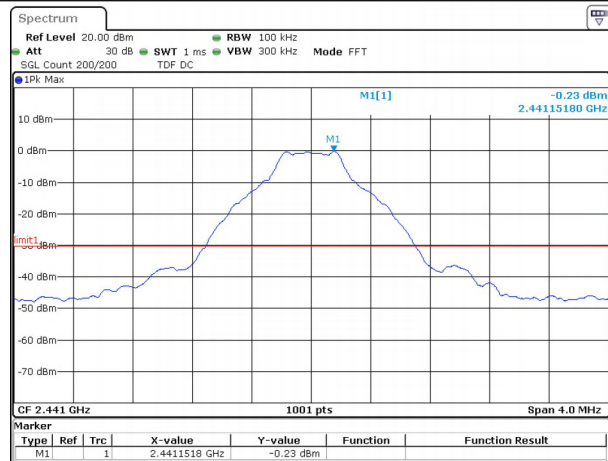
Appendix H: Conducted Spurious Emission

Test Result

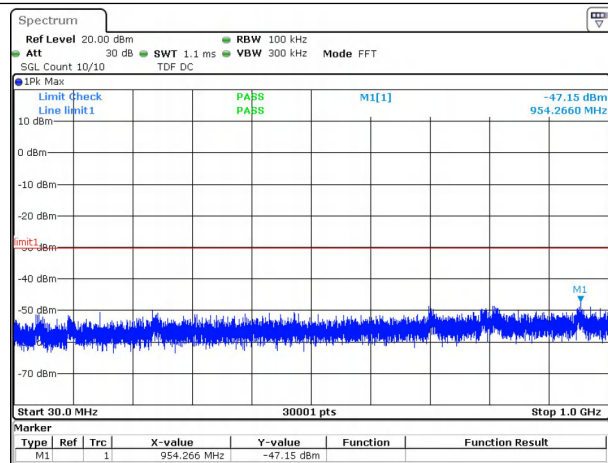
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Frequency Range (MHz)	Ref Level (MHz)	Max Power (dBm)	Limit (dBm)	Verdict
1	NTNV	DH5	2402	1Mbps	ANT1	Reference	0.1	0.13	/	/
						30~1000	0.1	-47.21	≤-29.87	Pass
						1000~26500	0.1	-35.98	≤-29.87	Pass
2	NTNV	DH5	2441	1Mbps	ANT1	Reference	0.1	-0.23	/	/
						30~1000	0.1	-47.15	≤-30.23	Pass
						1000~26500	0.1	-35.14	≤-30.23	Pass
3	NTNV	DH5	2480	1Mbps	ANT1	Reference	0.1	-1.24	/	/
						30~1000	0.1	-46.41	≤-31.24	Pass
						1000~26500	0.1	-34.49	≤-31.24	Pass
4	NTNV	2DH5	2402	2Mbps	ANT1	Reference	0.1	0.11	/	/
						30~1000	0.1	-47.88	≤-29.89	Pass
						1000~26500	0.1	-36.54	≤-29.89	Pass
5	NTNV	2DH5	2441	2Mbps	ANT1	Reference	0.1	-0.23	/	/
						30~1000	0.1	-48.15	≤-30.23	Pass
						1000~26500	0.1	-34.85	≤-30.23	Pass
6	NTNV	2DH5	2480	2Mbps	ANT1	Reference	0.1	-1.24	/	/
						30~1000	0.1	-48.14	≤-31.24	Pass
						1000~26500	0.1	-34.27	≤-31.24	Pass

Test Graphs

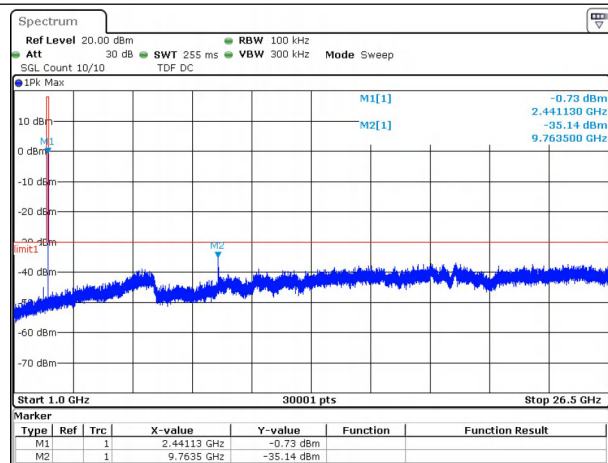




Date: 28.SEP.2026 17:36:11

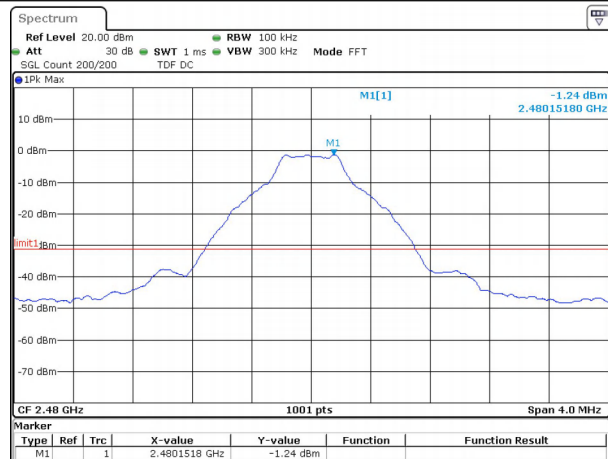


Date: 28.SEP.2026 17:36:18

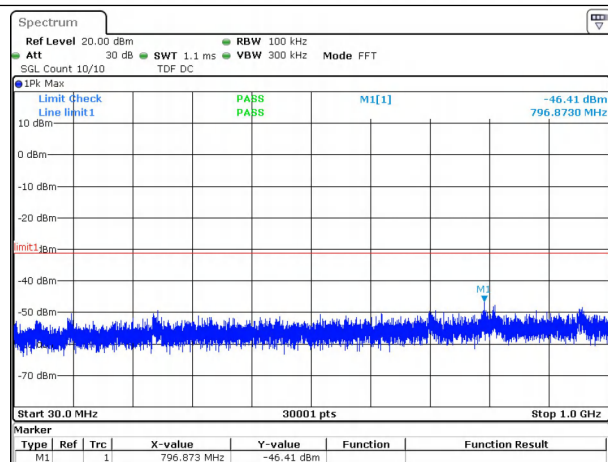


Date: 28.SEP.2026 17:36:32

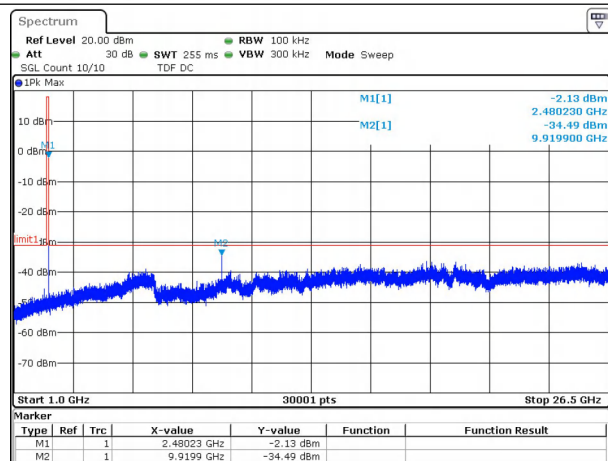
NTNV_DH5_2480_1Mbps



Date: 28 SEP 2026 17:37:49

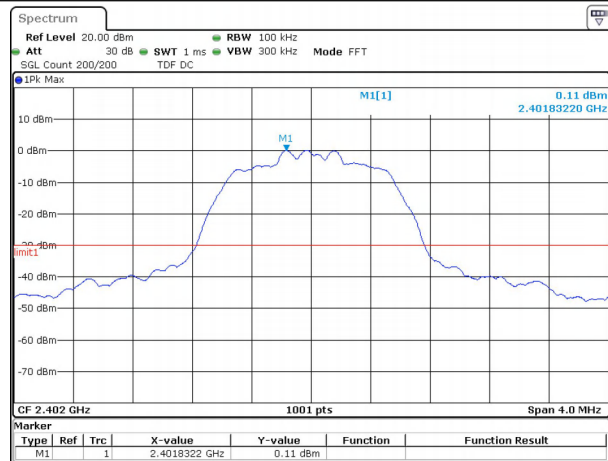


Date: 28 SEP 2026 17:37:56

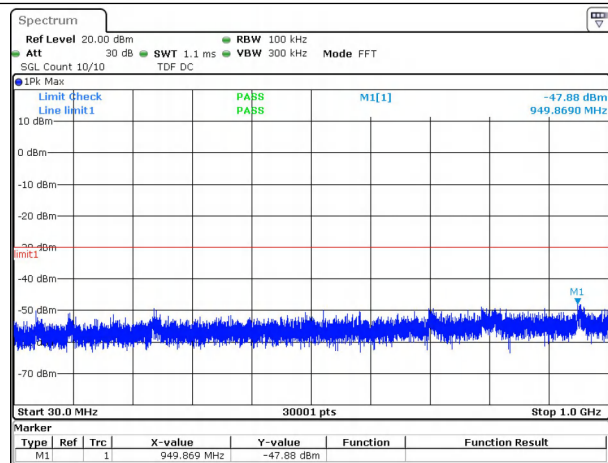


Date: 28 SEP 2026 17:38:10

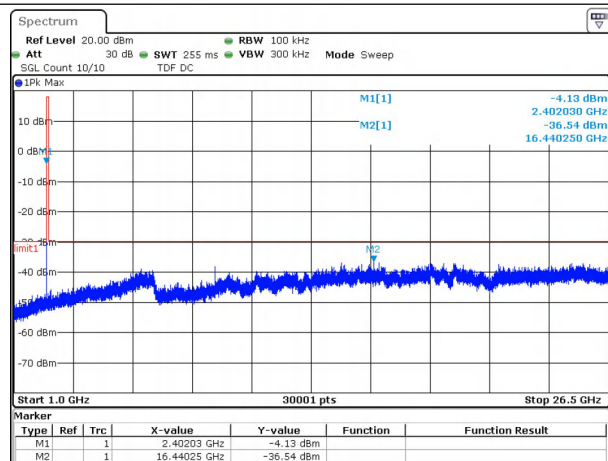
NTNV_2DH5_2402_2Mbps



Date: 28 SEP 2026 17:39:50

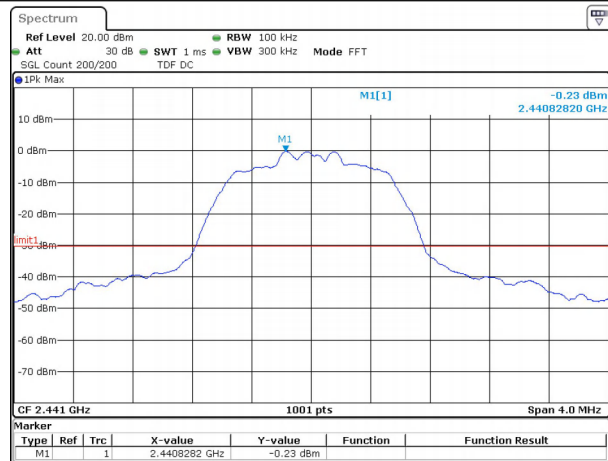


Date: 28 SEP 2026 17:39:57

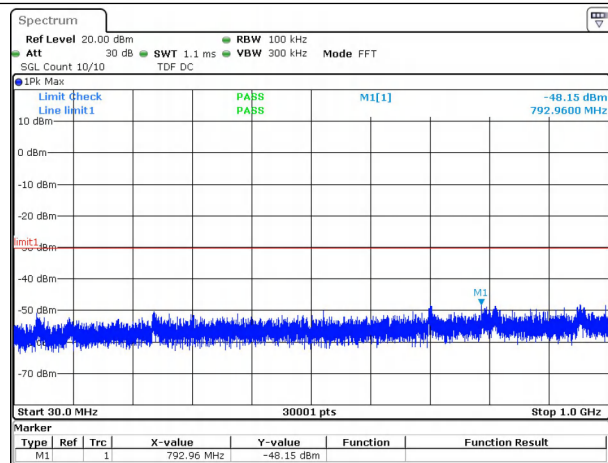


Date: 28 SEP 2026 17:40:11

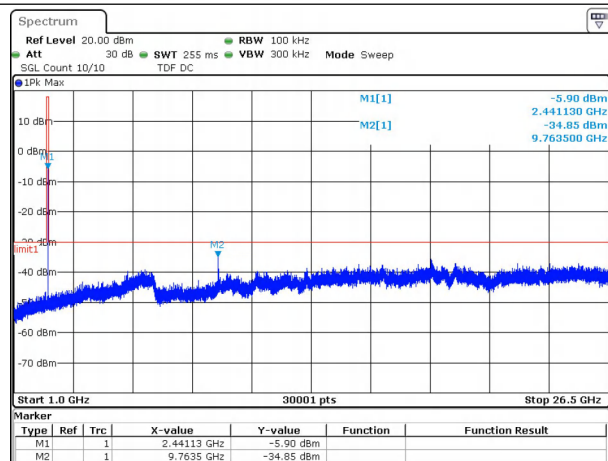
NTNV_2DH5_2441_2Mbps



Date: 28 SEP 2026 17:41:39

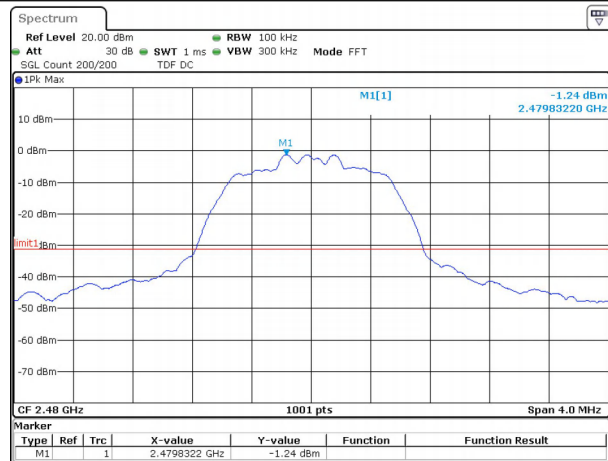


Date: 28 SEP 2026 17:41:45

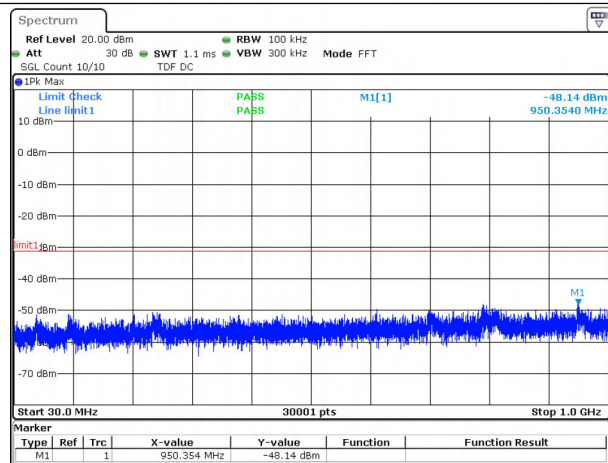


Date: 28 SEP 2026 17:42:00

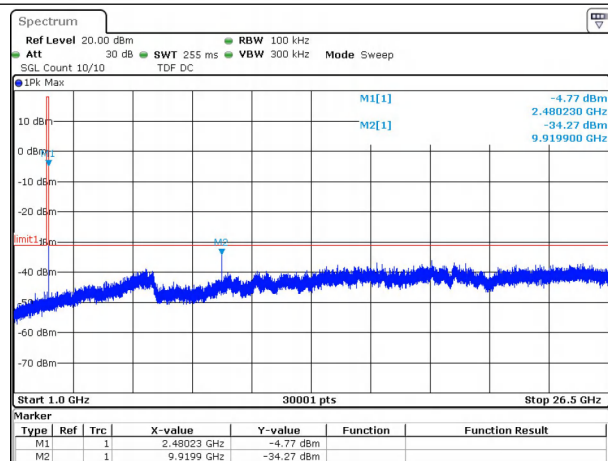
NTNV_2DH5_2480_2Mbps



Date: 28 SEP 2026 17:43:19



Date: 28 SEP 2026 17:43:25



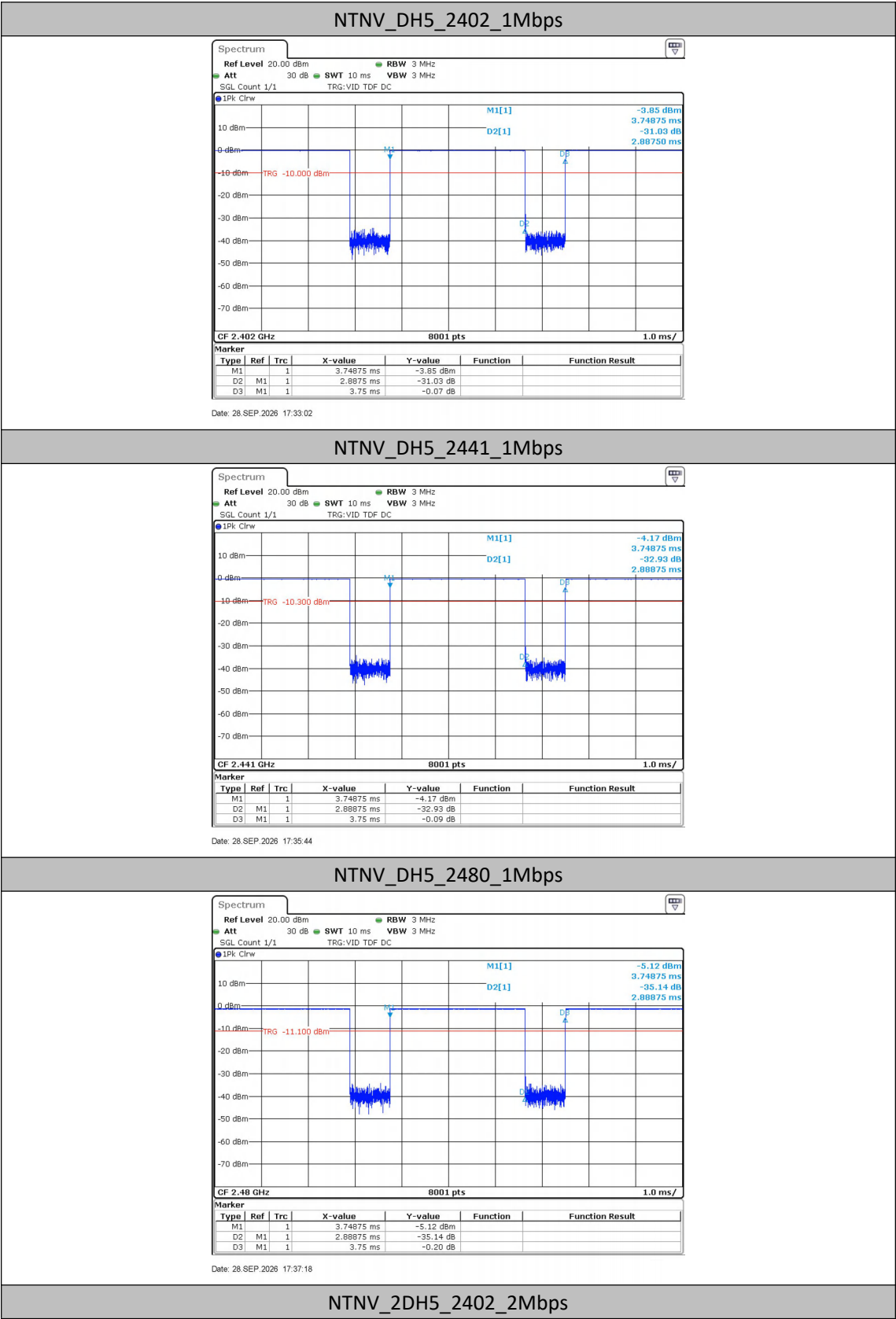
Date: 28 SEP 2026 17:43:39

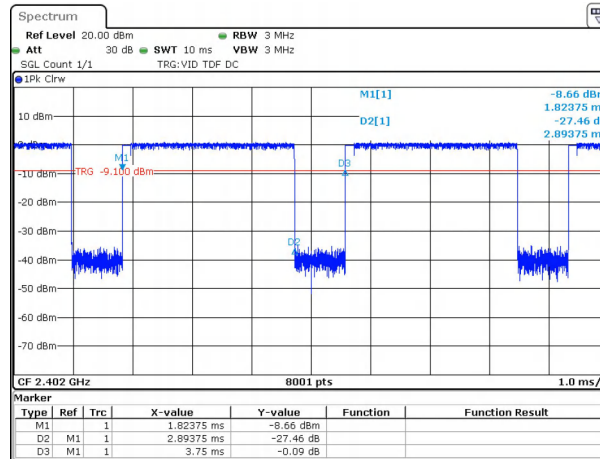
Appendix I: Duty Cycle

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	T_On (ms)	Period (ms)	Duty Cycle Correction Factor (dB)	Max DC Variation (%)
1	NTNV	DH5	2402	1Mbps	ANT1	2.89	3.75	0.77	77.00
2	NTNV	DH5	2441	1Mbps	ANT1	2.89	3.75	0.77	77.03
3	NTNV	DH5	2480	1Mbps	ANT1	2.89	3.75	0.77	77.03
4	NTNV	2DH5	2402	2Mbps	ANT1	2.89	3.75	0.77	77.17
5	NTNV	2DH5	2441	2Mbps	ANT1	2.89	3.75	0.77	77.17
6	NTNV	2DH5	2480	2Mbps	ANT1	2.89	3.75	0.77	77.17

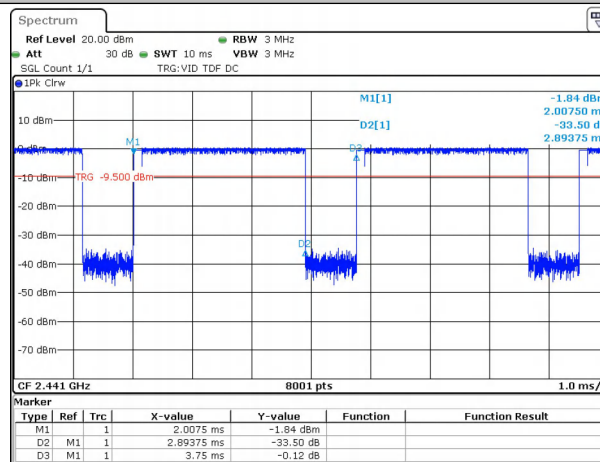
Test Graphs





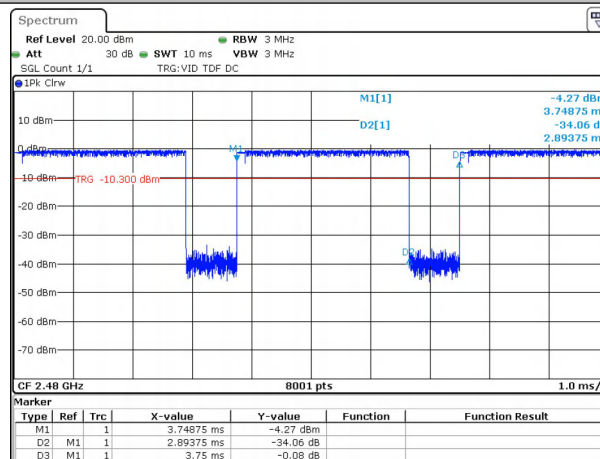
Date: 28.SEP.2026 17:39:19

NTNV_2DH5_2441_2Mbps



Date: 28.SEP.2026 17:41:12

NTNV_2DH5_2480_2Mbps



Date: 28.SEP.2026 17:42:47