



CQASZ20260901998E-01

Summary

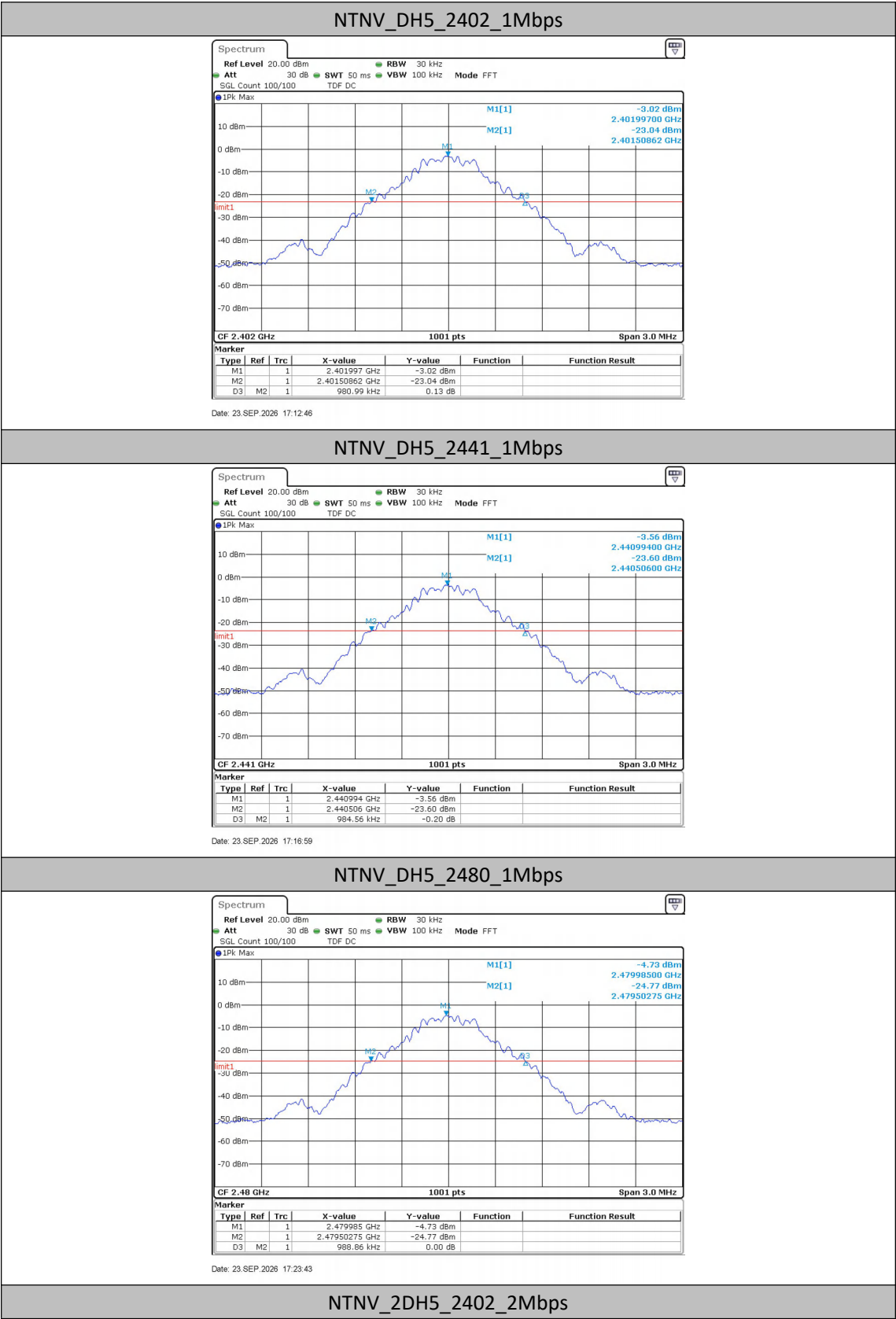
NO.	Item	Verdict
1	20dB Emission Bandwidth	Pass
2	Occupied Channel Bandwidth	Pass
3	Maximum conducted output power	Pass
4	Carrier frequency separation	Pass
5	Time of occupancy	Pass
6	Number of hopping channels	Pass
7	Band edge measurements	Pass
8	Conducted Spurious Emission	Pass
9	Duty Cycle	Pass

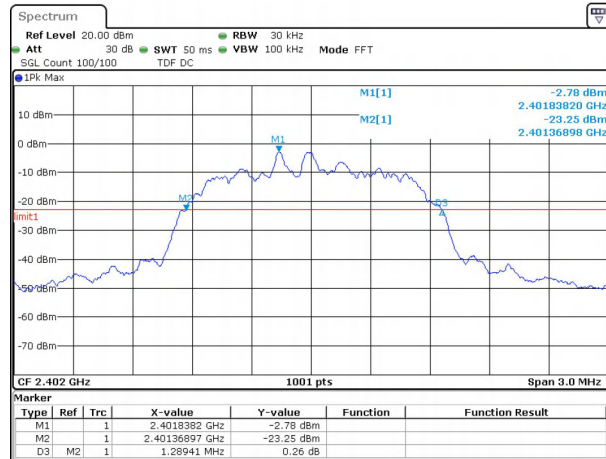
Appendix A: 20dB Emission Bandwidth

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	0.98	2401.51	2402.49	-	-
2	NTNV	DH5	2441	1Mbps	ANT1	0.98	2440.51	2441.49	-	-
3	NTNV	DH5	2480	1Mbps	ANT1	0.99	2479.50	2480.49	-	-
4	NTNV	2DH5	2402	2Mbps	ANT1	1.29	2401.37	2402.66	-	-
5	NTNV	2DH5	2441	2Mbps	ANT1	1.29	2440.37	2441.66	-	-
6	NTNV	2DH5	2480	2Mbps	ANT1	1.29	2479.37	2480.66	-	-

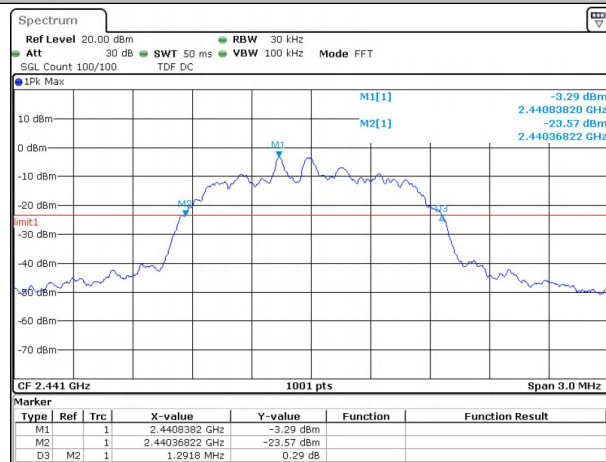
Test Graphs





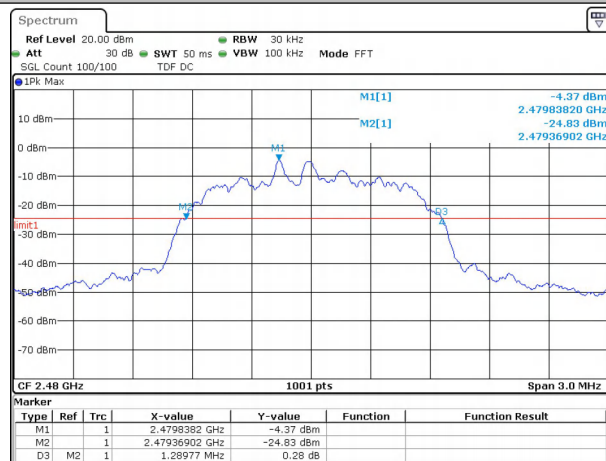
Date: 23.SEP.2026 17:25:56

NTNV_2DH5_2441_2Mbps



Date: 23.SEP.2026 17:28:27

NTNV_2DH5_2480_2Mbps



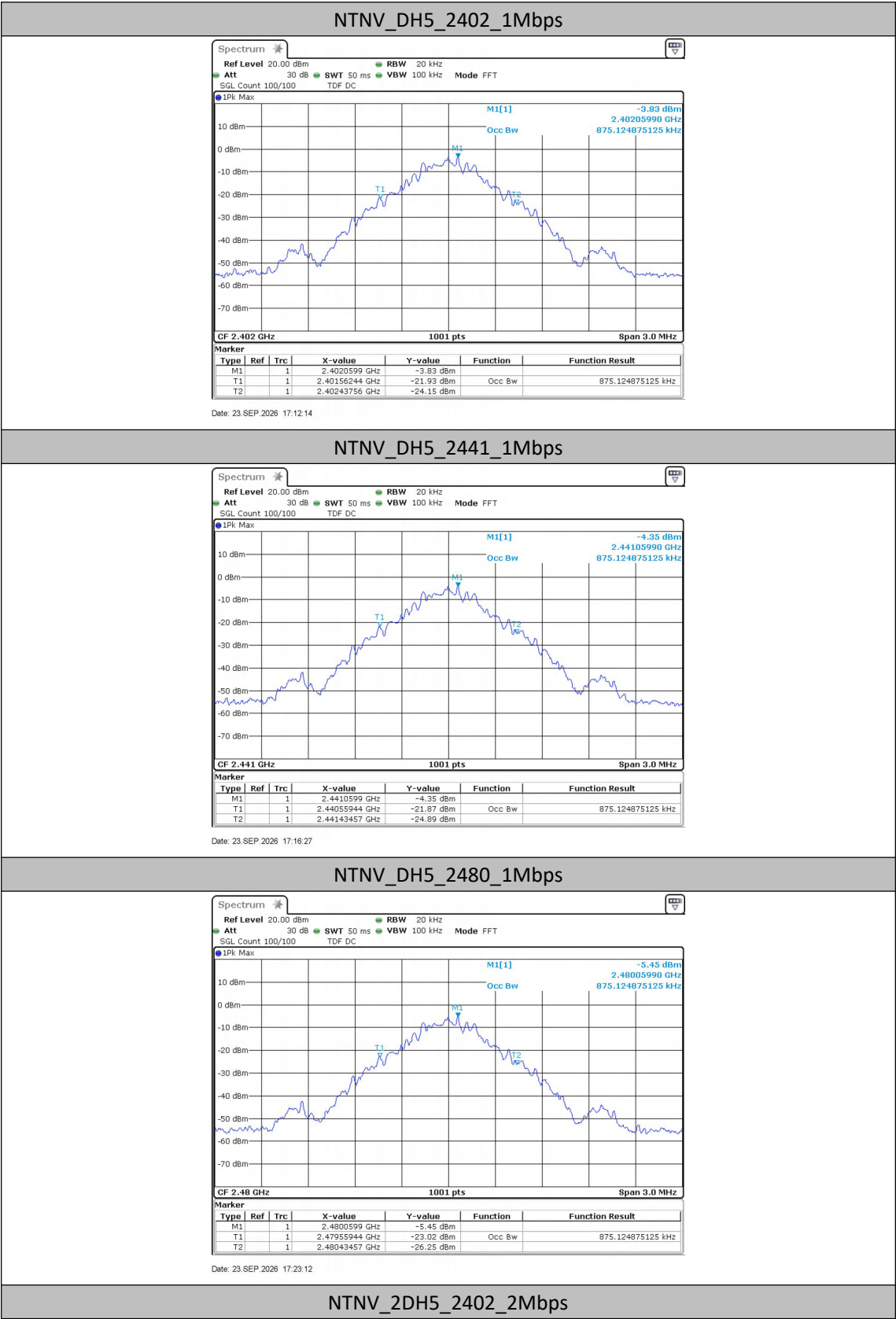
Date: 23.SEP.2026 17:30:14

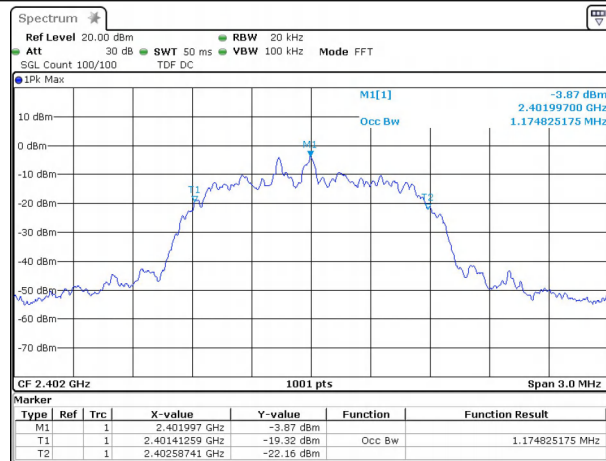
Appendix B: Occupied Channel Bandwidth

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	-	2401.56	2402.44	Pass
2	NTNV	DH5	2441	1Mbps	ANT1	0.88	-	2440.56	2441.43	Pass
3	NTNV	DH5	2480	1Mbps	ANT1	0.88	-	2479.56	2480.43	Pass
4	NTNV	2DH5	2402	2Mbps	ANT1	1.17	-	2401.41	2402.59	Pass
5	NTNV	2DH5	2441	2Mbps	ANT1	1.18	-	2440.41	2441.59	Pass
6	NTNV	2DH5	2480	2Mbps	ANT1	1.18	-	2479.41	2480.59	Pass

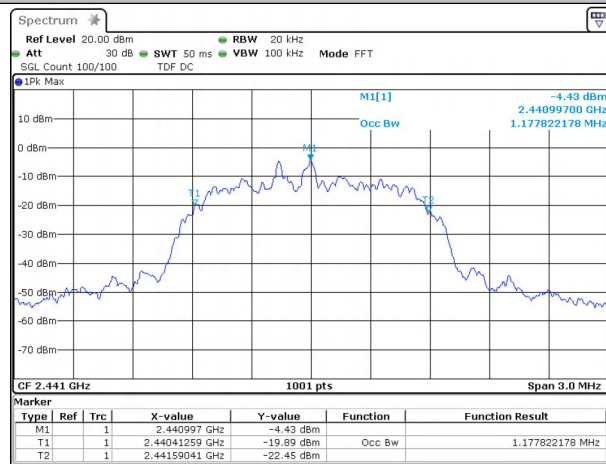
Test Graphs





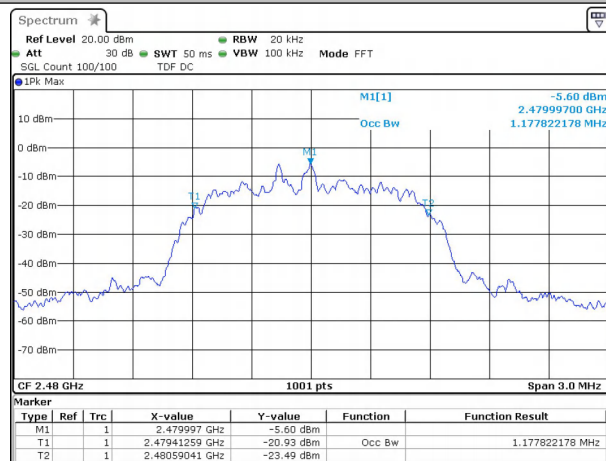
Date: 23.SEP.2026 17:25:25

NTNV_2DH5_2441_2Mbps



Date: 23.SEP.2026 17:27:56

NTNV_2DH5_2480_2Mbps



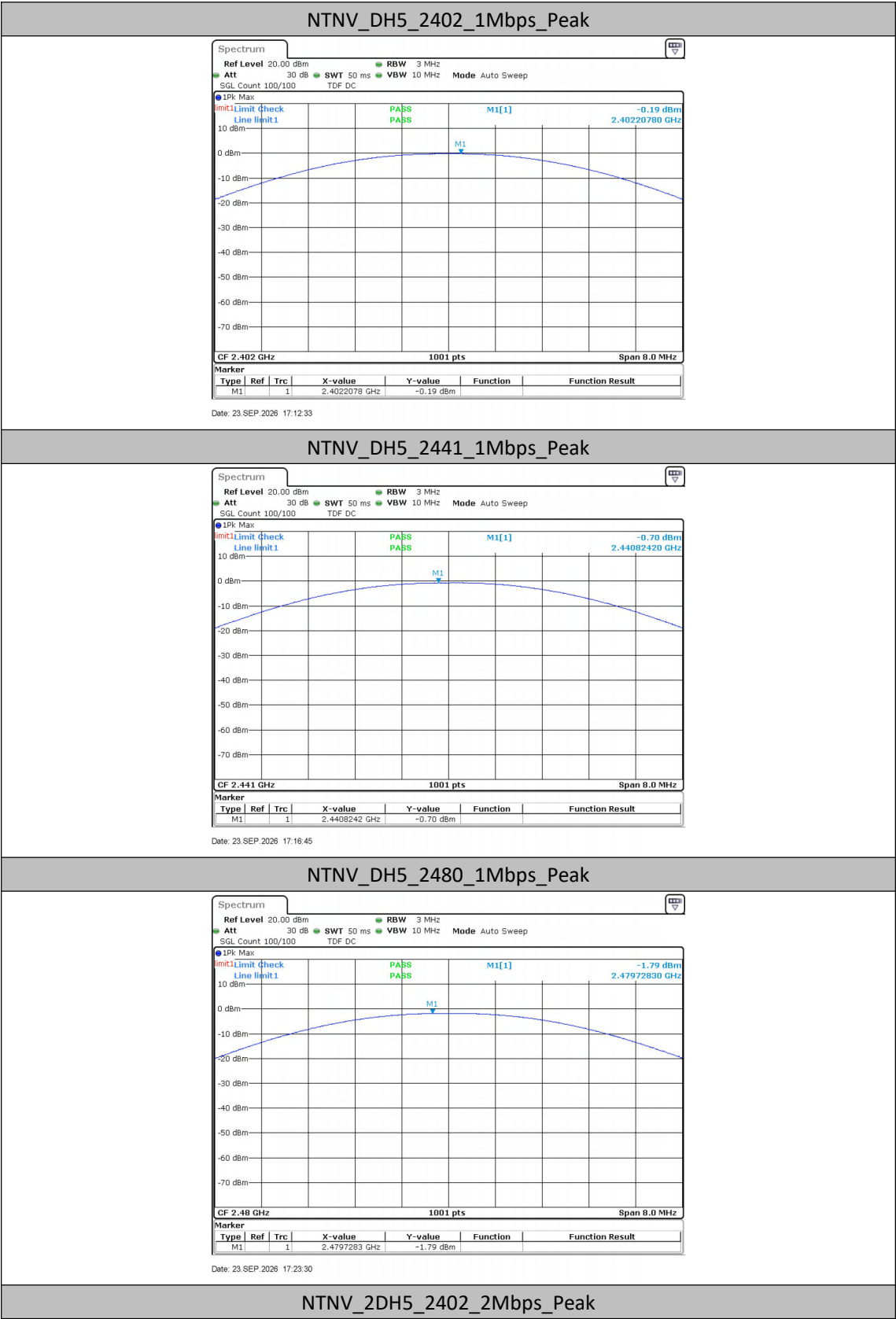
Date: 23.SEP.2026 17:29:42

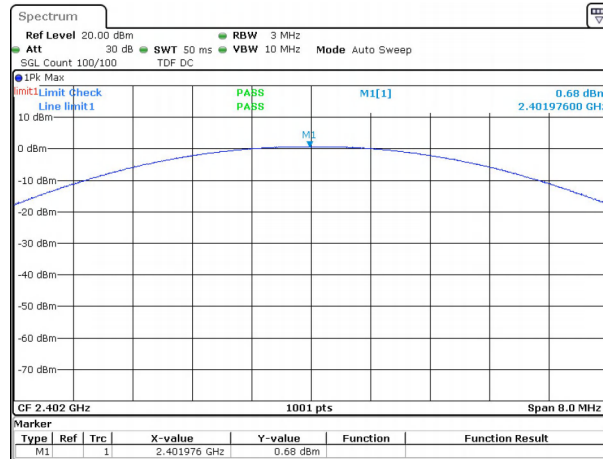
Appendix C: Maximum conducted output power

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	-0.19	≤30	Pass
2	NTNV	DH5	2441	Peak	ANT1	-0.70	≤30	Pass
3	NTNV	DH5	2480	Peak	ANT1	-1.79	≤30	Pass
4	NTNV	2DH5	2402	Peak	ANT1	0.68	≤30	Pass
5	NTNV	2DH5	2441	Peak	ANT1	0.15	≤30	Pass
6	NTNV	2DH5	2480	Peak	ANT1	-0.91	≤30	Pass

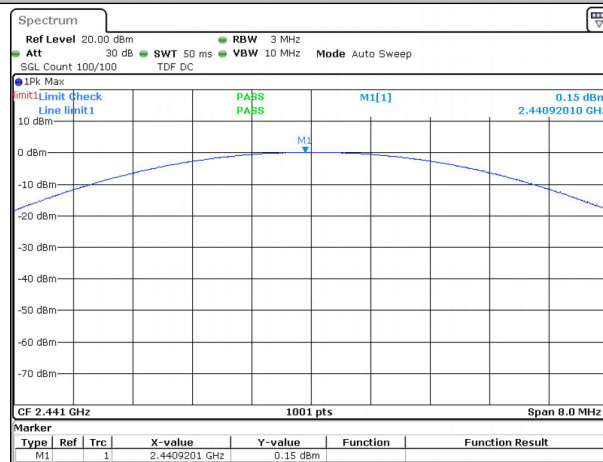
Test Graphs





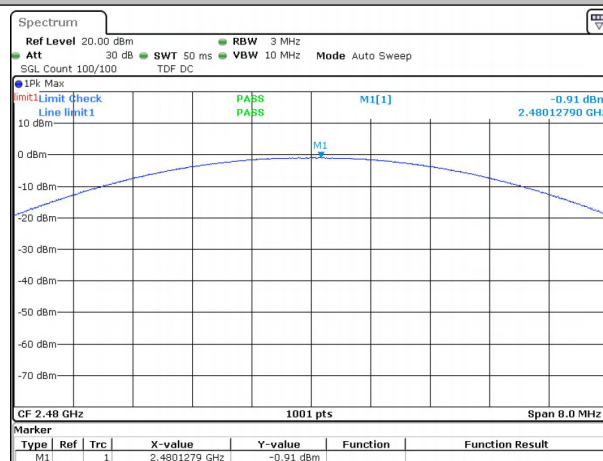
Date: 23 SEP 2026 17:25:43

NTNV_2DH5_2441_2Mbps_Peak



Date: 23 SEP 2026 17:28:14

NTNV_2DH5_2480_2Mbps_Peak



Date: 23 SEP 2026 17:30:01

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	1.00	≥ 0.65	Pass
2	NTNV	2DH5 FHSS	2441	2Mbps	ANT1	1.00	≥ 0.86	Pass

Test Graphs

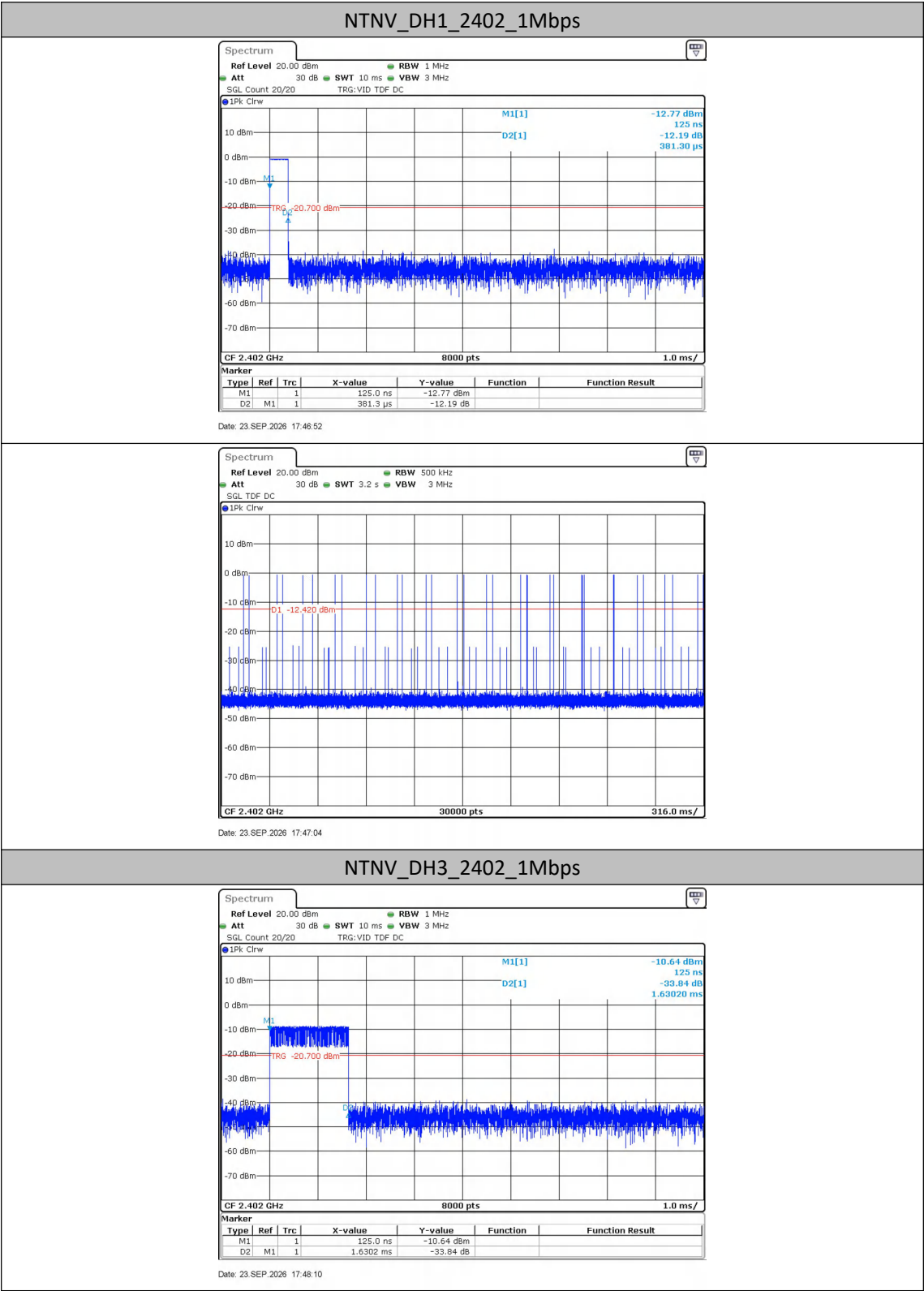


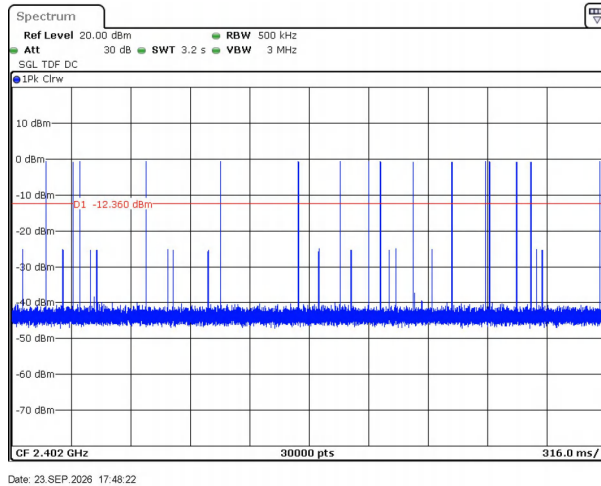
Appendix E: Time of occupancy

Test Result

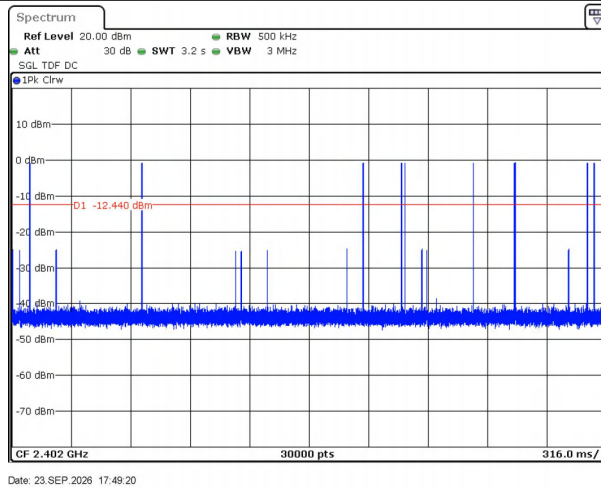
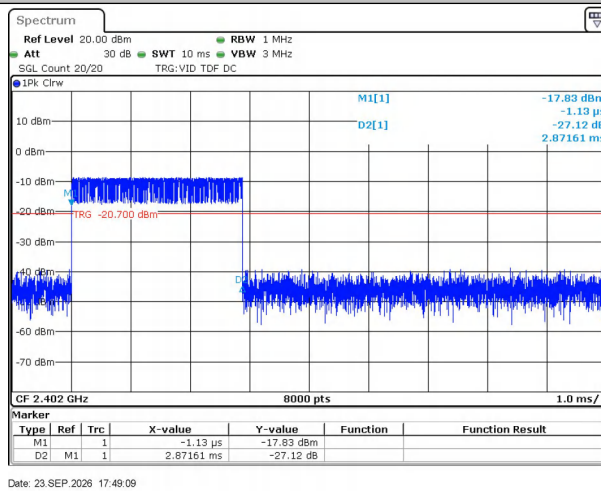
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Burst Width (ms)	Total Hops	Dwell Time (s)	Limit (s)	Verdict
1	NTNV	DH1 FHSS	2402	1Mbps	ANT1	0.38	32	0.12	≤0.4	Pass
2	NTNV	DH3 FHSS	2402	1Mbps	ANT1	1.63	16	0.26	≤0.4	Pass
3	NTNV	DH5 FHSS	2402	1Mbps	ANT1	2.87	10	0.29	≤0.4	Pass
4	NTNV	2DH1 FHSS	2402	2Mbps	ANT1	0.39	32	0.13	≤0.4	Pass
5	NTNV	2DH3 FHSS	2402	2Mbps	ANT1	1.64	15	0.25	≤0.4	Pass
6	NTNV	2DH5 FHSS	2402	2Mbps	ANT1	2.88	11	0.32	≤0.4	Pass

Test Graphs

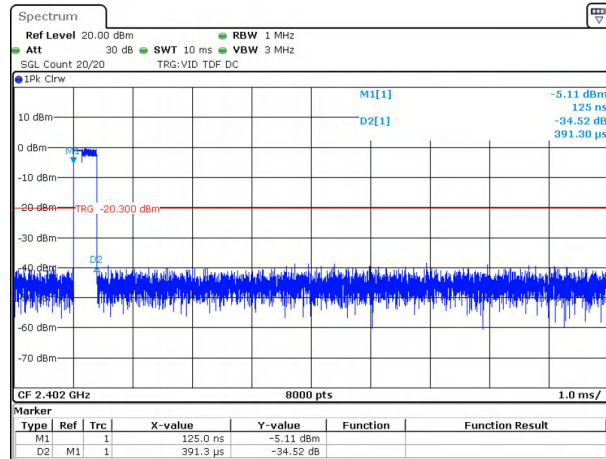




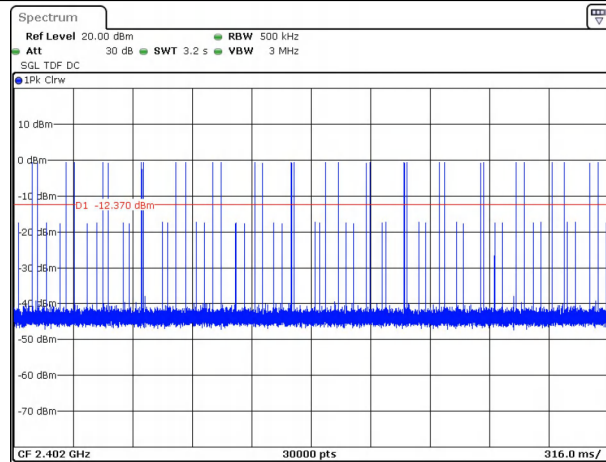
NTNV_DH5_2402_1Mbps



NTNV_2DH1_2402_2Mbps

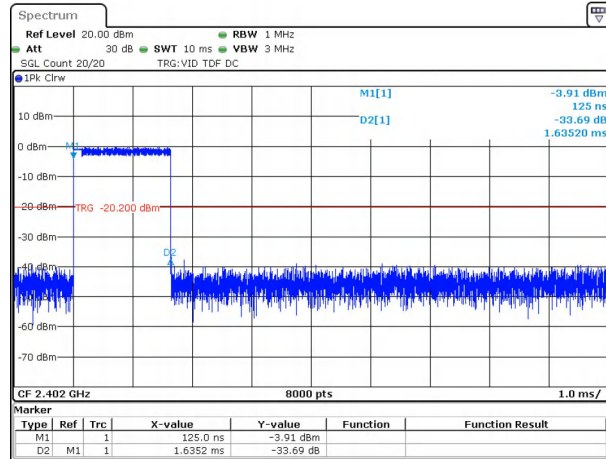


Date: 23.SEP.2026 17:49:52

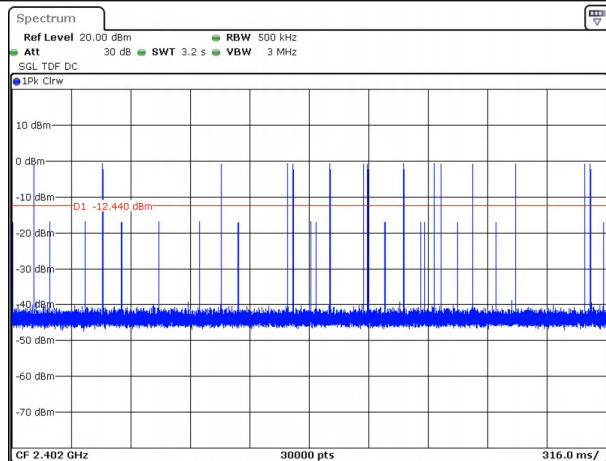


Date: 23.SEP.2026 17:50:03

NTNV_2DH3_2402_2Mbps

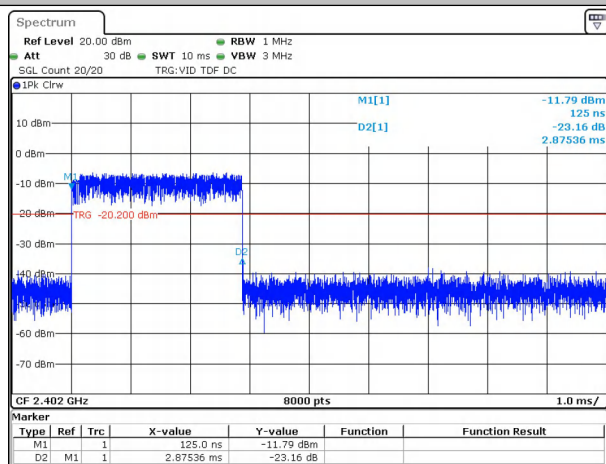


Date: 23.SEP.2026 17:50:28

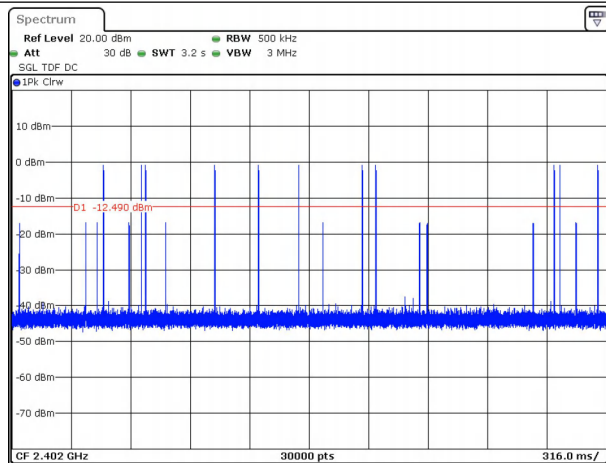


Date: 23.SEP.2026 17:50:40

NTNV_2DH5_2402_2Mbps



Date: 23.SEP.2026 17:52:42



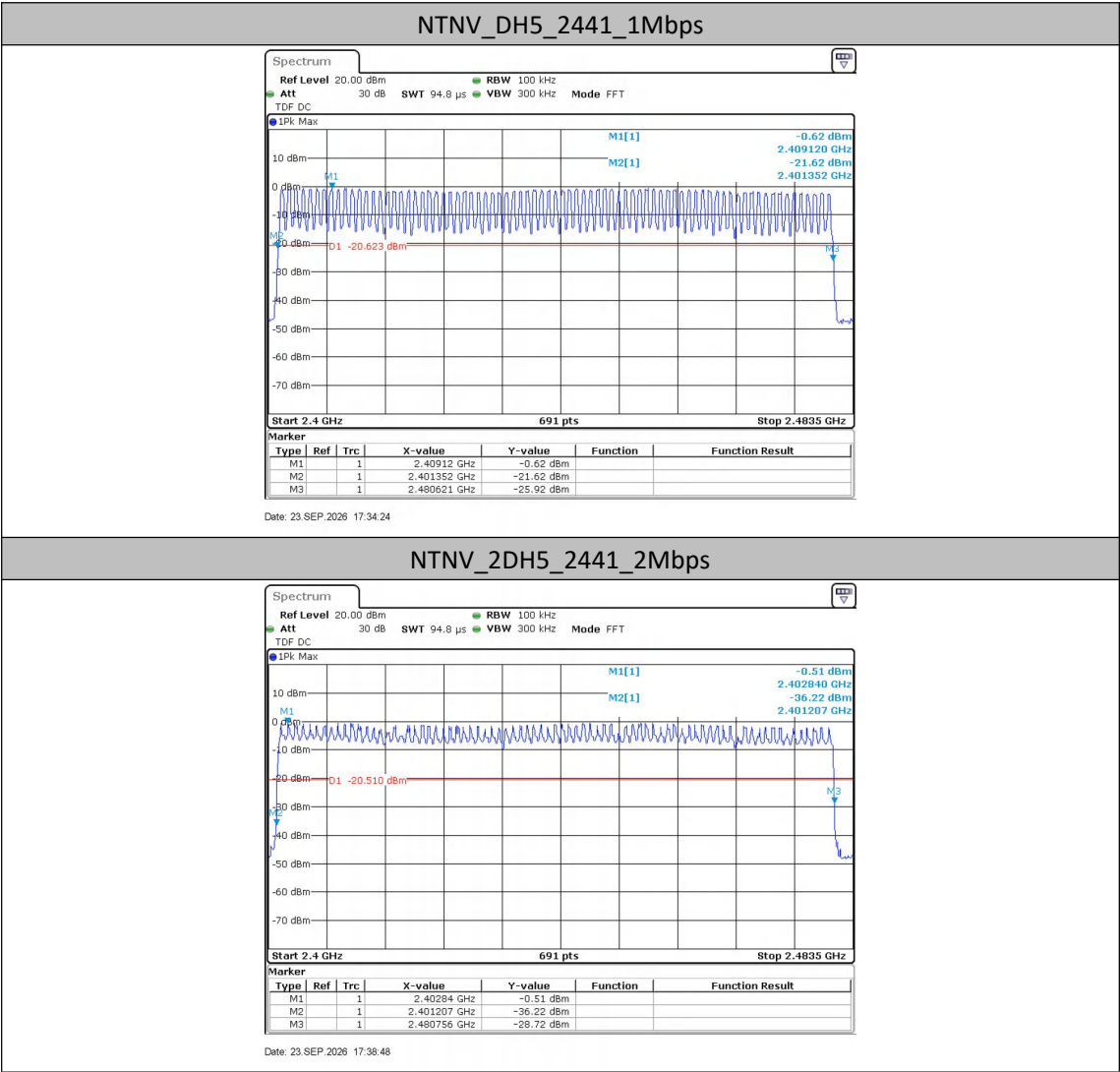
Date: 23.SEP.2026 17:52:53

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

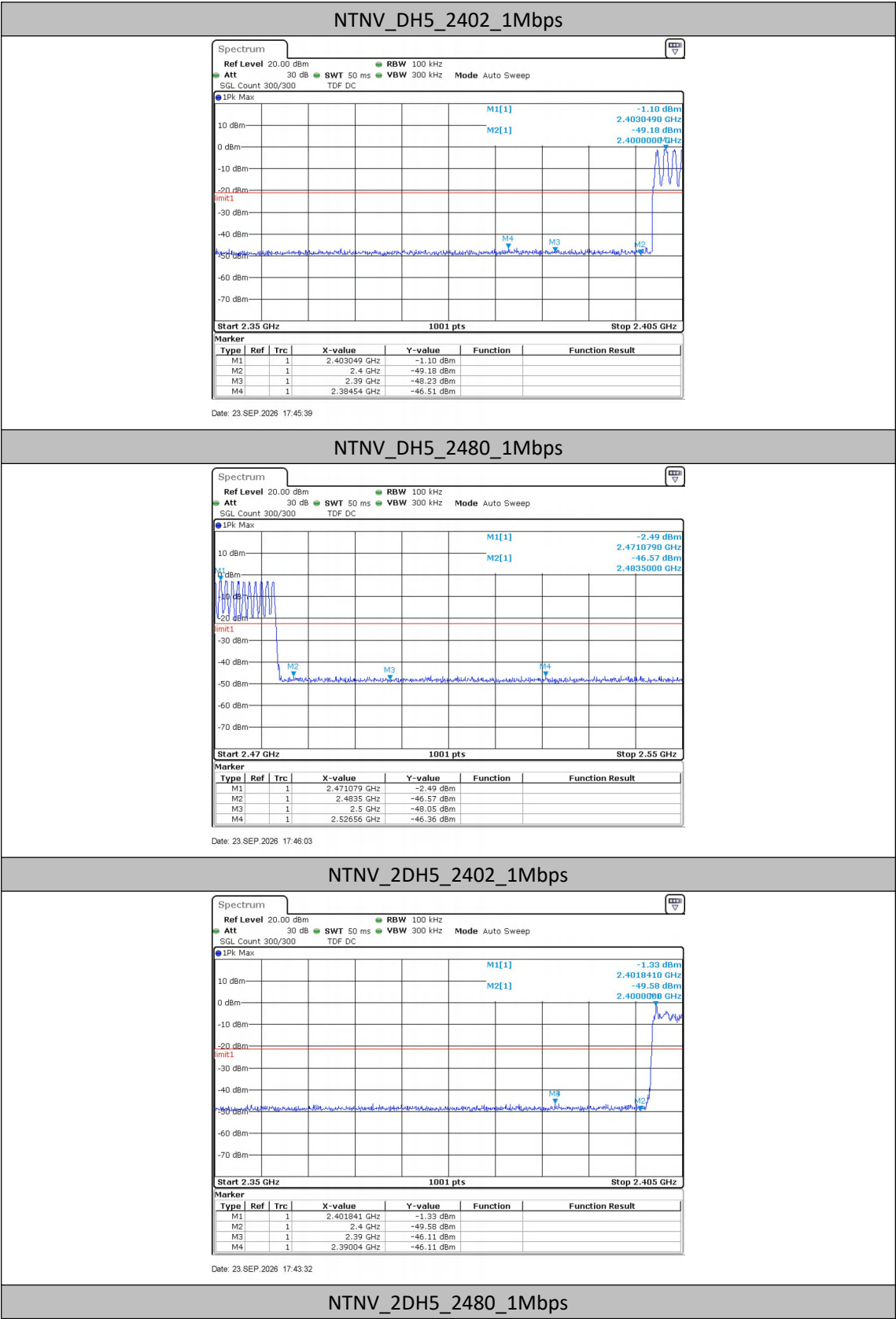


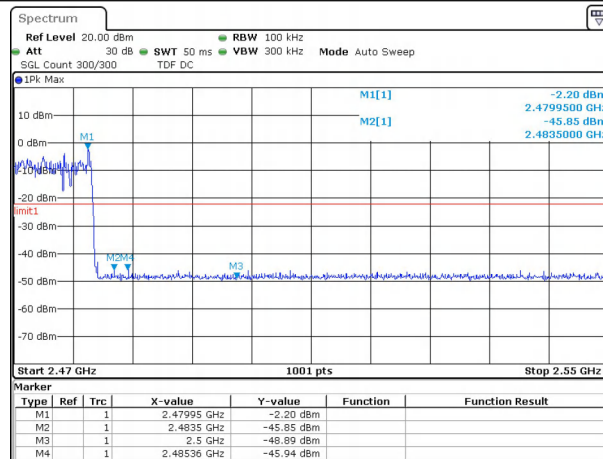
Appendix G: Band edge measurements

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	-1.1	-46.51	≤ -21.1	Pass
2	NTNV	DH5 FHSS	2480	1Mbps	ANT1	-2.49	-46.36	≤ -22.49	Pass
3	NTNV	2DH5 FHSS	2402	1Mbps	ANT1	-1.33	-46.11	≤ -21.33	Pass
4	NTNV	2DH5 FHSS	2480	1Mbps	ANT1	-2.2	-45.94	≤ -22.2	Pass
5	NTNV	DH5	2402	1Mbps	ANT1	-1.22	-47.00	≤ -21.22	Pass
6	NTNV	DH5	2480	1Mbps	ANT1	-2.53	-47.17	≤ -22.53	Pass
7	NTNV	2DH5	2402	2Mbps	ANT1	-1.67	-47.26	≤ -21.67	Pass
8	NTNV	2DH5	2480	2Mbps	ANT1	-2.43	-47.30	≤ -22.43	Pass

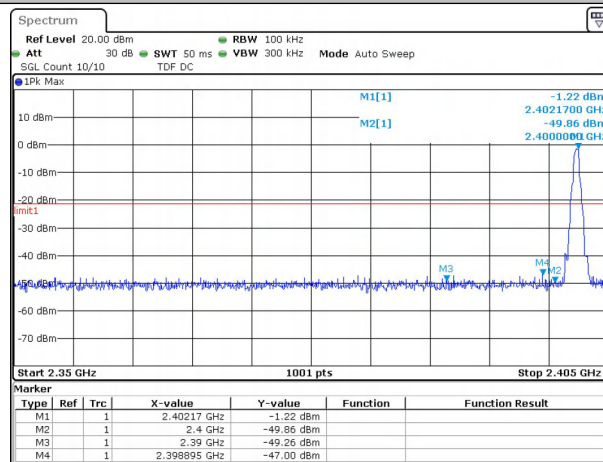
Test Graphs





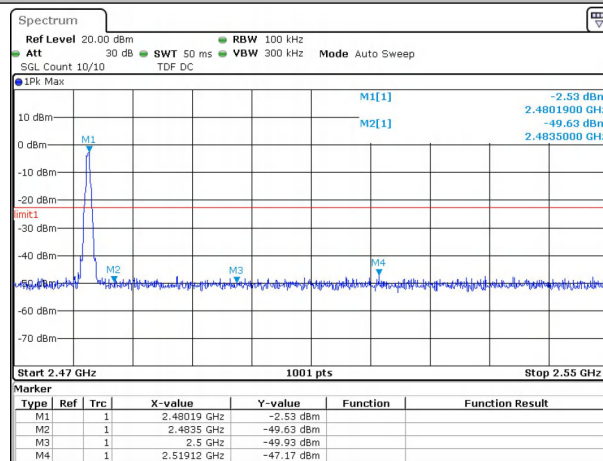
Date: 23.SEP.2026 17:43:59

NTNV_DH5_2402_1Mbps



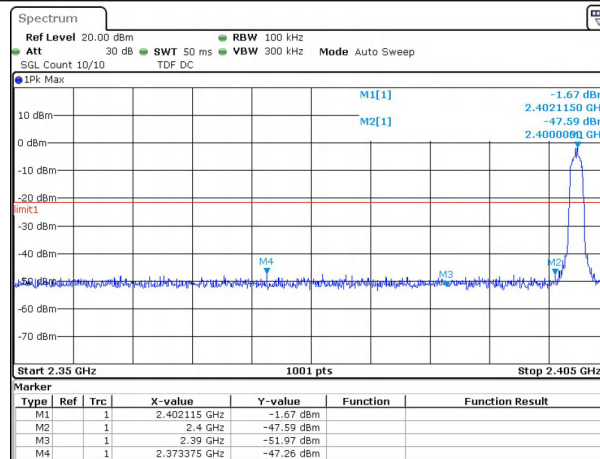
Date: 23.SEP.2026 17:12:50

NTNV_DH5_2480_1Mbps



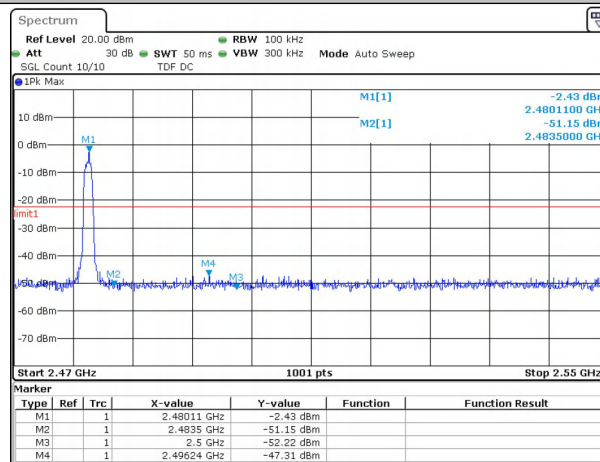
Date: 23.SEP.2026 17:23:47

NTNV_2DH5_2402_2Mbps



Date: 23.SEP.2026 17:26:00

NTNV_2DH5_2480_2Mbps



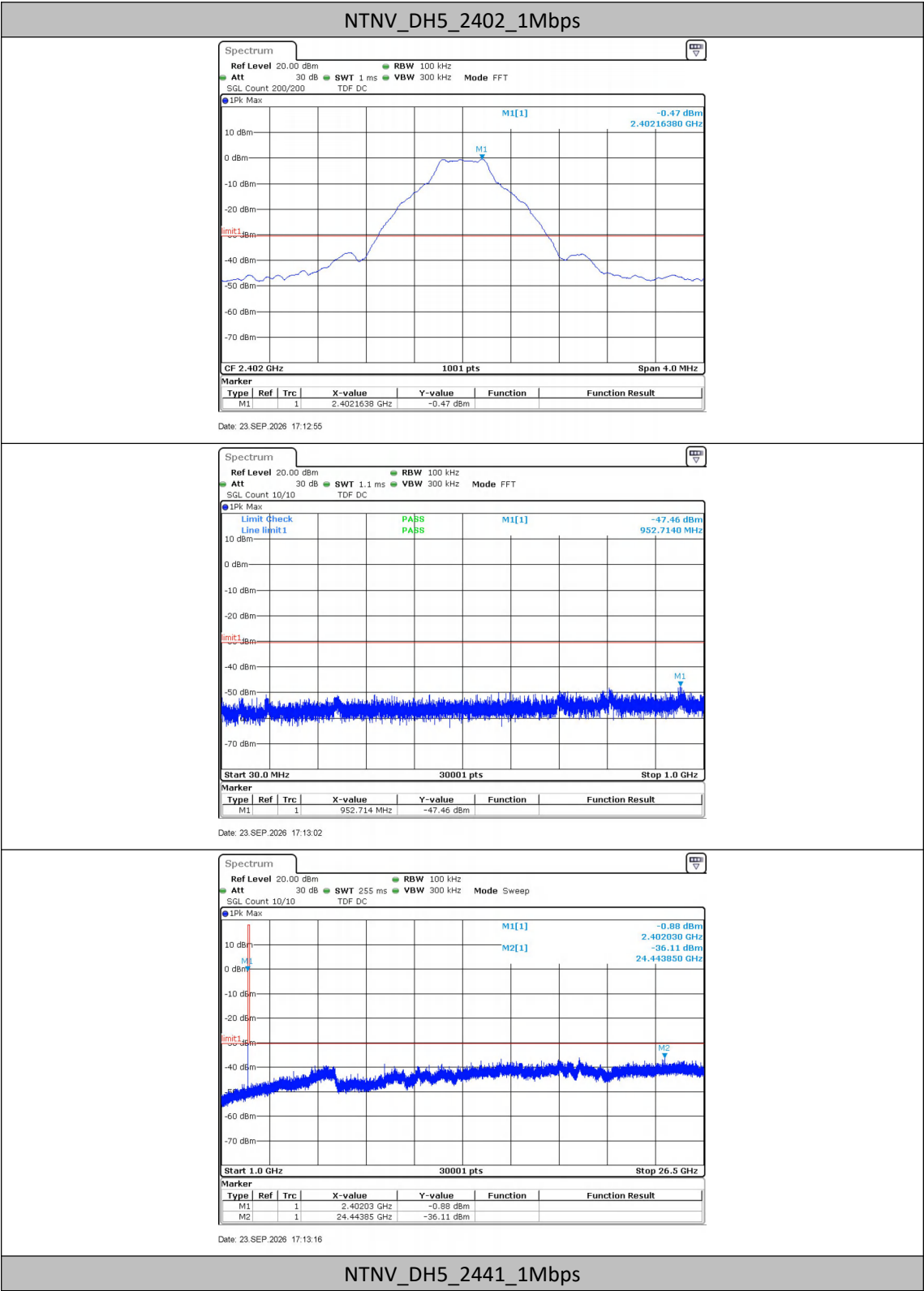
Date: 23.SEP.2026 17:30:16

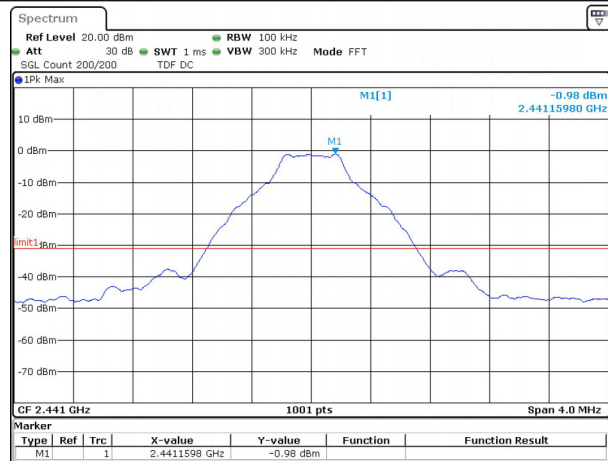
Appendix H: Conducted Spurious Emission

Test Result

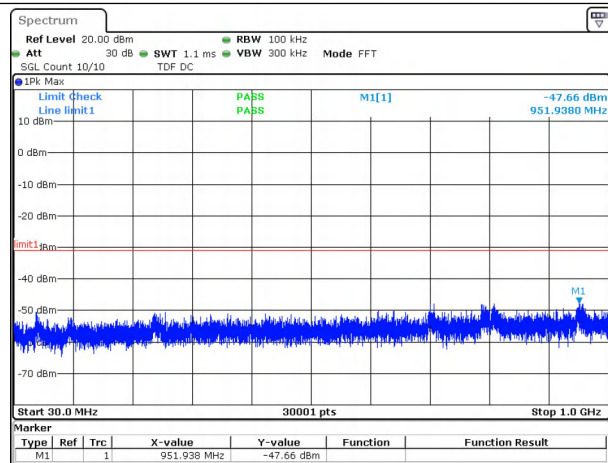
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Frequency Range (MHz)	Ref Level (MHz)	Max Power (dBm)	Limit (dBm)	Verdict
1	NTNV	DH5	2402	1Mbps	ANT1	Reference	0.1	-0.47	/	/
						30~1000	0.1	-47.46	≤-30.47	Pass
						1000~26500	0.1	-36.11	≤-30.47	Pass
2	NTNV	DH5	2441	1Mbps	ANT1	Reference	0.1	-0.98	/	/
						30~1000	0.1	-47.66	≤-30.98	Pass
						1000~26500	0.1	-34.86	≤-30.98	Pass
3	NTNV	DH5	2480	1Mbps	ANT1	Reference	0.1	-2.07	/	/
						30~1000	0.1	-46.84	≤-32.07	Pass
						1000~26500	0.1	-33.29	≤-32.07	Pass
4	NTNV	2DH5	2402	2Mbps	ANT1	Reference	0.1	-0.47	/	/
						30~1000	0.1	-48.19	≤-30.47	Pass
						1000~26500	0.1	-35.92	≤-30.47	Pass
5	NTNV	2DH5	2441	2Mbps	ANT1	Reference	0.1	-1.01	/	/
						30~1000	0.1	-46.88	≤-31.01	Pass
						1000~26500	0.1	-35.20	≤-31.01	Pass
6	NTNV	2DH5	2480	2Mbps	ANT1	Reference	0.1	-2.09	/	/
						30~1000	0.1	-46.69	≤-32.09	Pass
						1000~26500	0.1	-33.73	≤-32.09	Pass

Test Graphs

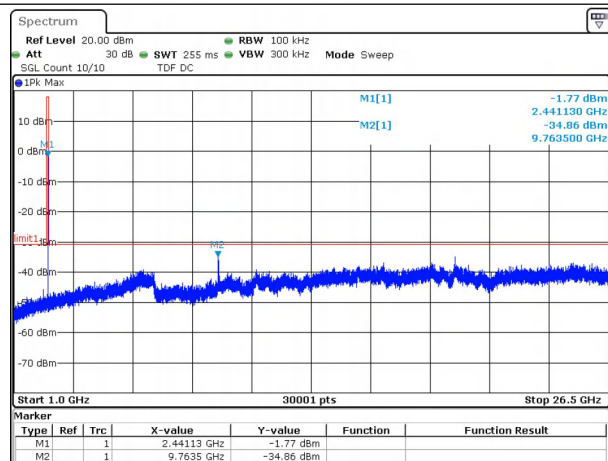




Date: 23.SEP.2026 17:17:04

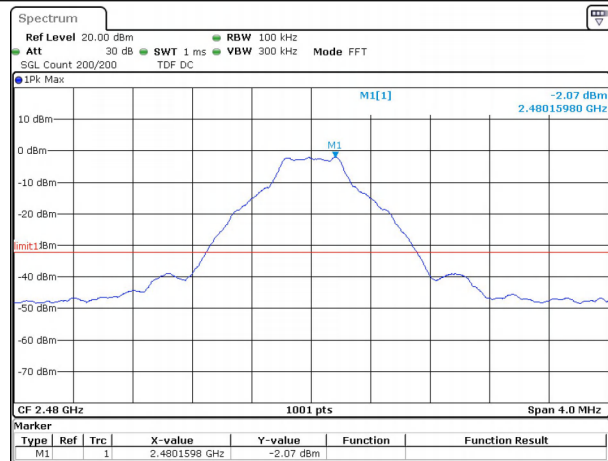


Date: 23.SEP.2026 17:17:10

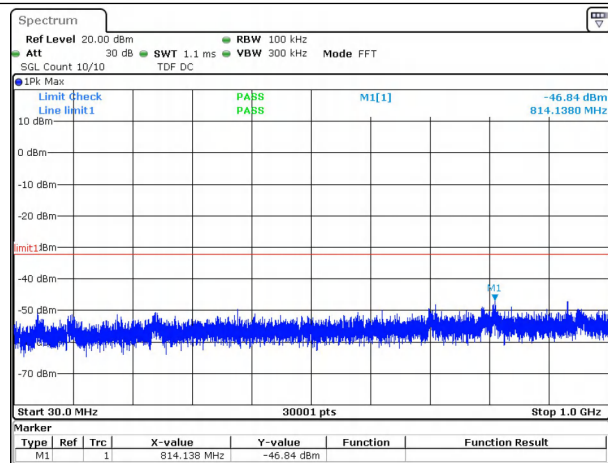


Date: 23.SEP.2026 17:17:24

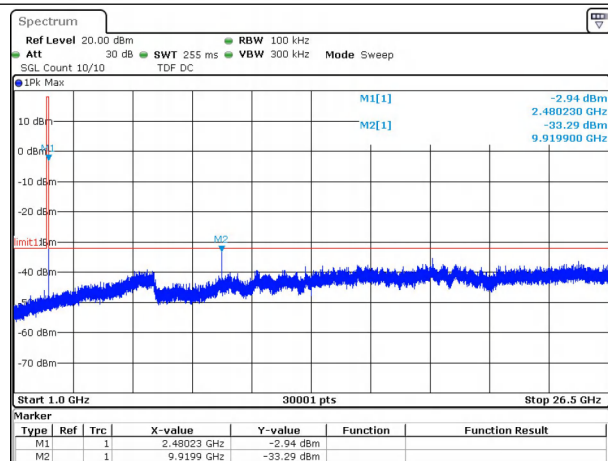
NTNV_DH5_2480_1Mbps



Date: 23.SEP.2026 17:23:52

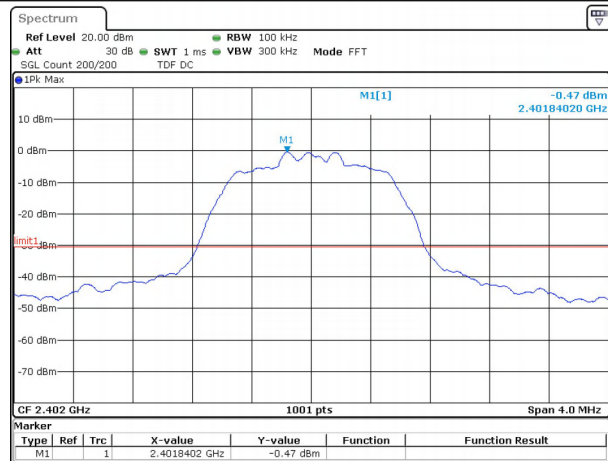


Date: 23.SEP.2026 17:23:59

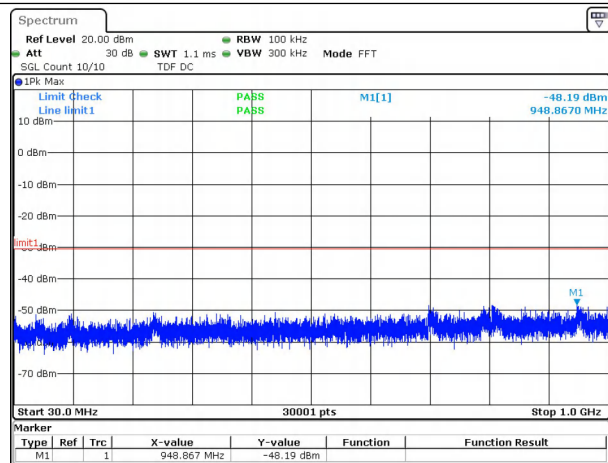


Date: 23.SEP.2026 17:24:13

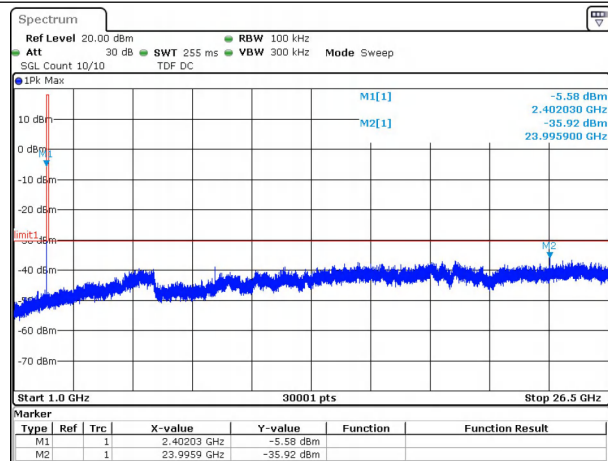
NTNV_2DH5_2402_2Mbps



Date: 23 SEP 2026 17:26:06

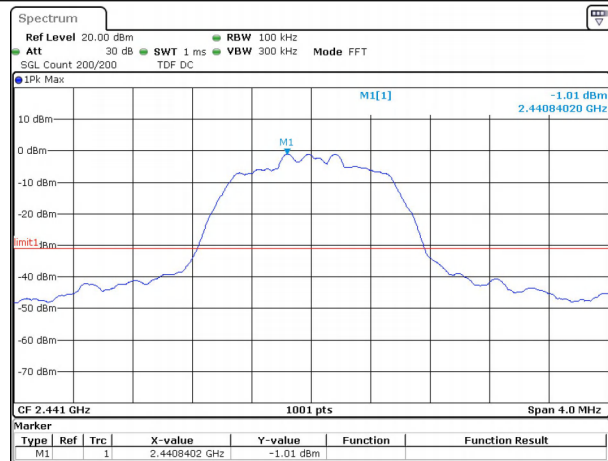


Date: 23 SEP 2026 17:26:12

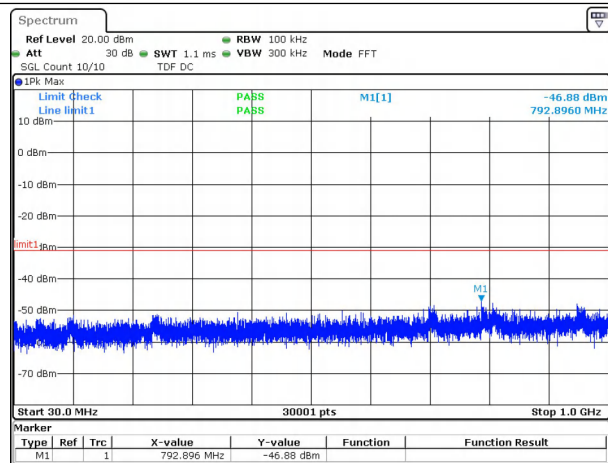


Date: 23 SEP 2026 17:26:26

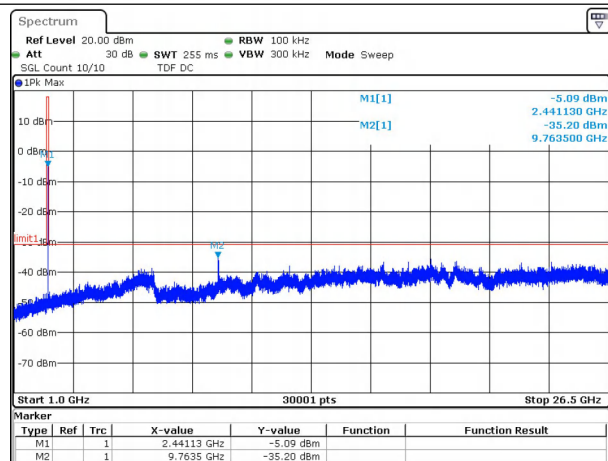
NTNV_2DH5_2441_2Mbps



Date: 23 SEP 2026 17:28:33

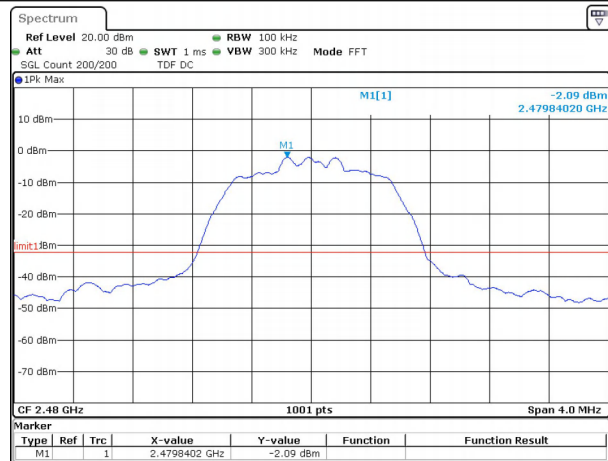


Date: 23 SEP 2026 17:28:39

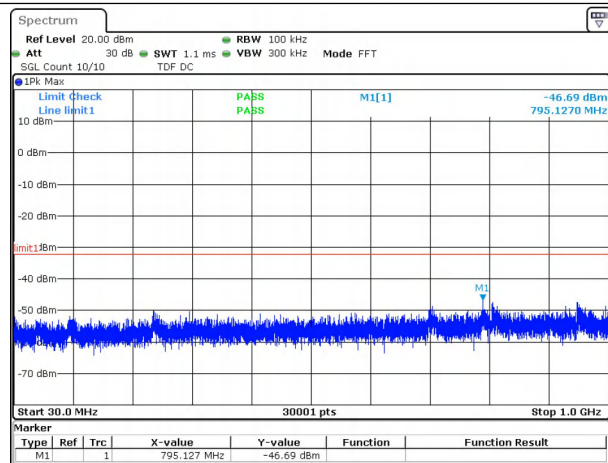


Date: 23 SEP 2026 17:28:53

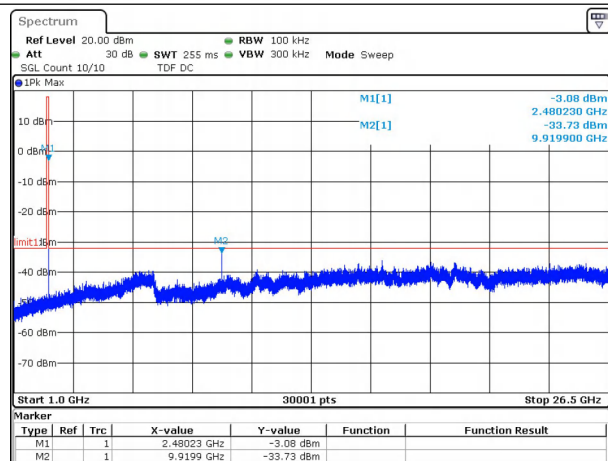
NTNV_2DH5_2480_2Mbps



Date: 23 SEP 2026 17:30:23



Date: 23 SEP 2026 17:30:30



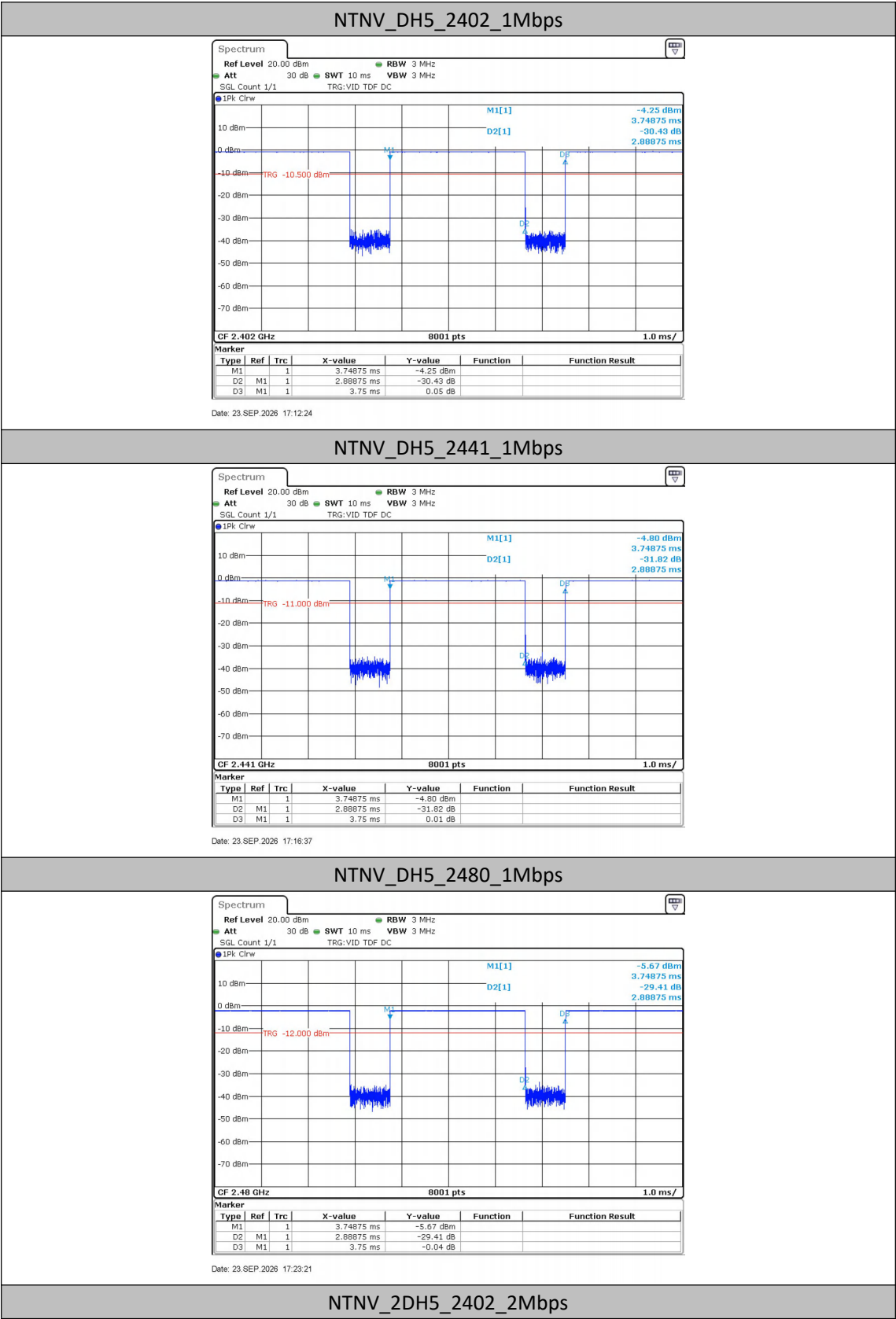
Date: 23 SEP 2026 17:30:44

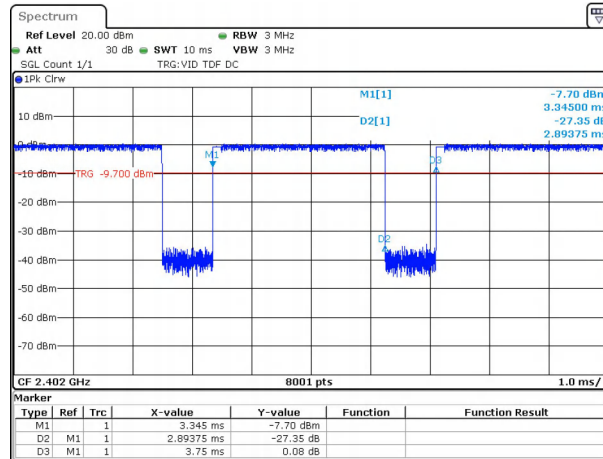
Appendix I: Duty Cycle

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	77.03
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	77.13
6	NTNV	2DH5	2480	2Mbps	ANT1	2.89	3.75	0.77	77.17

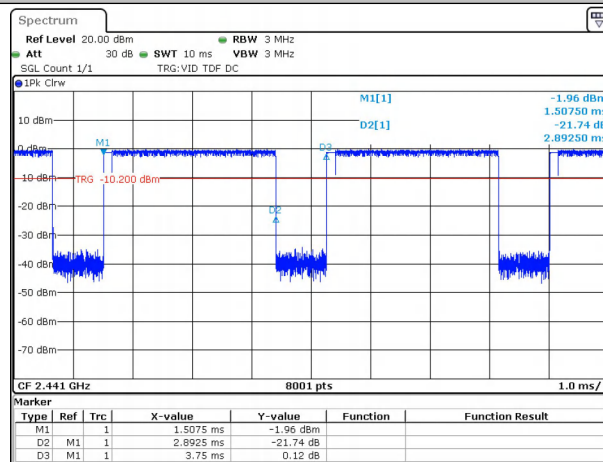
Test Graphs





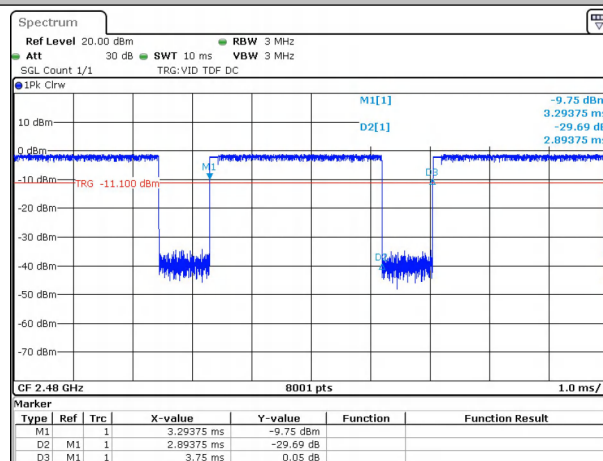
Date: 23.SEP.2026 17:25:35

NTNV_2DH5_2441_2Mbps



Date: 23.SEP.2026 17:28:06

NTNV_2DH5_2480_2Mbps



Date: 23.SEP.2026 17:29:52