



CQASZ20260701483E-01

Summary

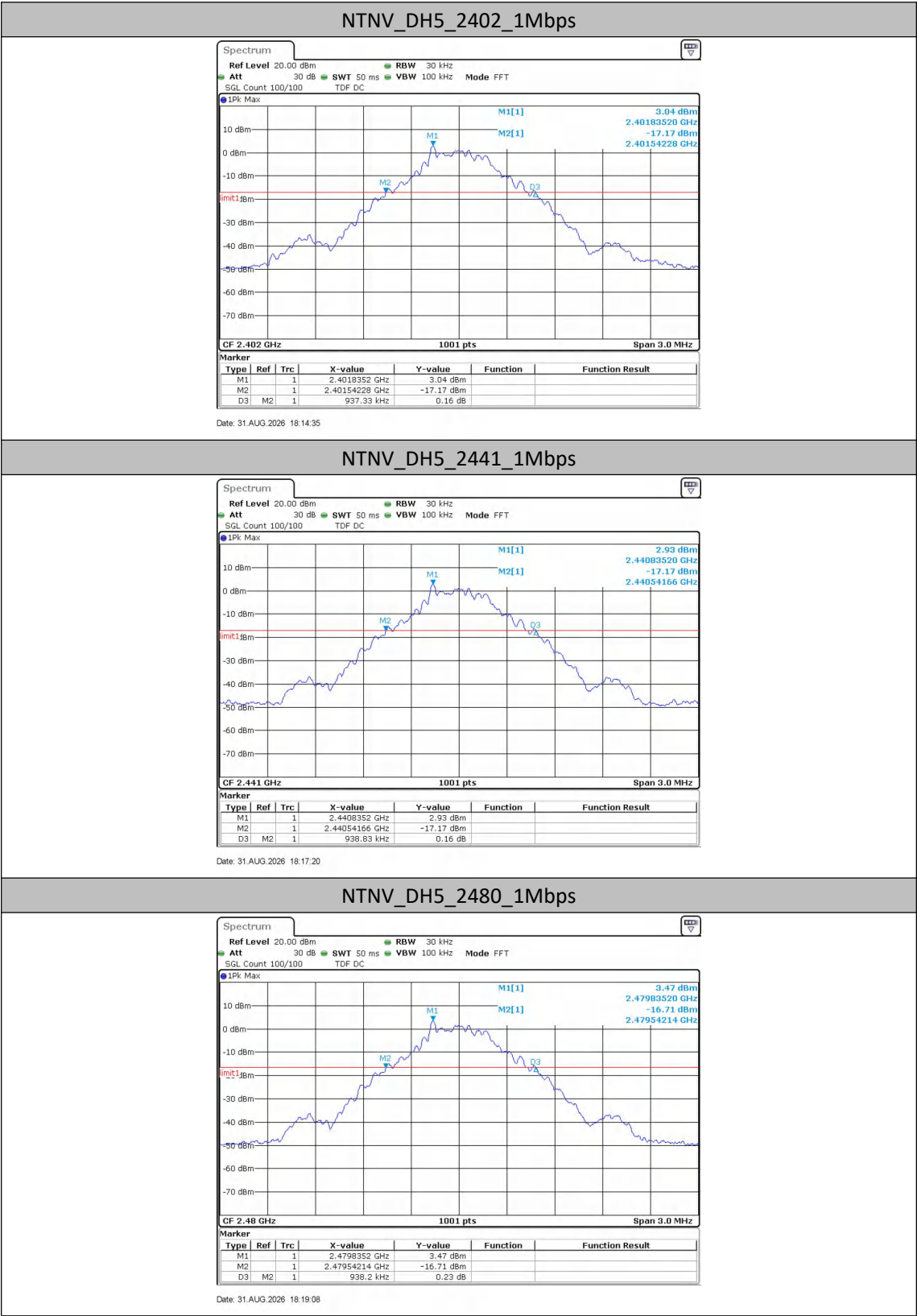
NO.	Item	Verdict
1	20dB Emission Bandwidth	Pass
2	Occupied Channel Bandwidth	Pass
3	Maximum conducted output power	Pass
4	Carrier frequency separation	Pass
5	Time of occupancy	Pass
6	Number of hopping channels	Pass
7	Band edge measurements	Pass
8	Conducted Spurious Emission	Pass
9	Emissions in Restricted Bands	Pass
10	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	0.94	2401.54	2402.48	-	-
2	NTNV	DH5	2441	1Mbps	ANT1	0.94	2440.54	2441.48	-	-
3	NTNV	DH5	2480	1Mbps	ANT1	0.94	2479.54	2480.48	-	-

Test Graphs

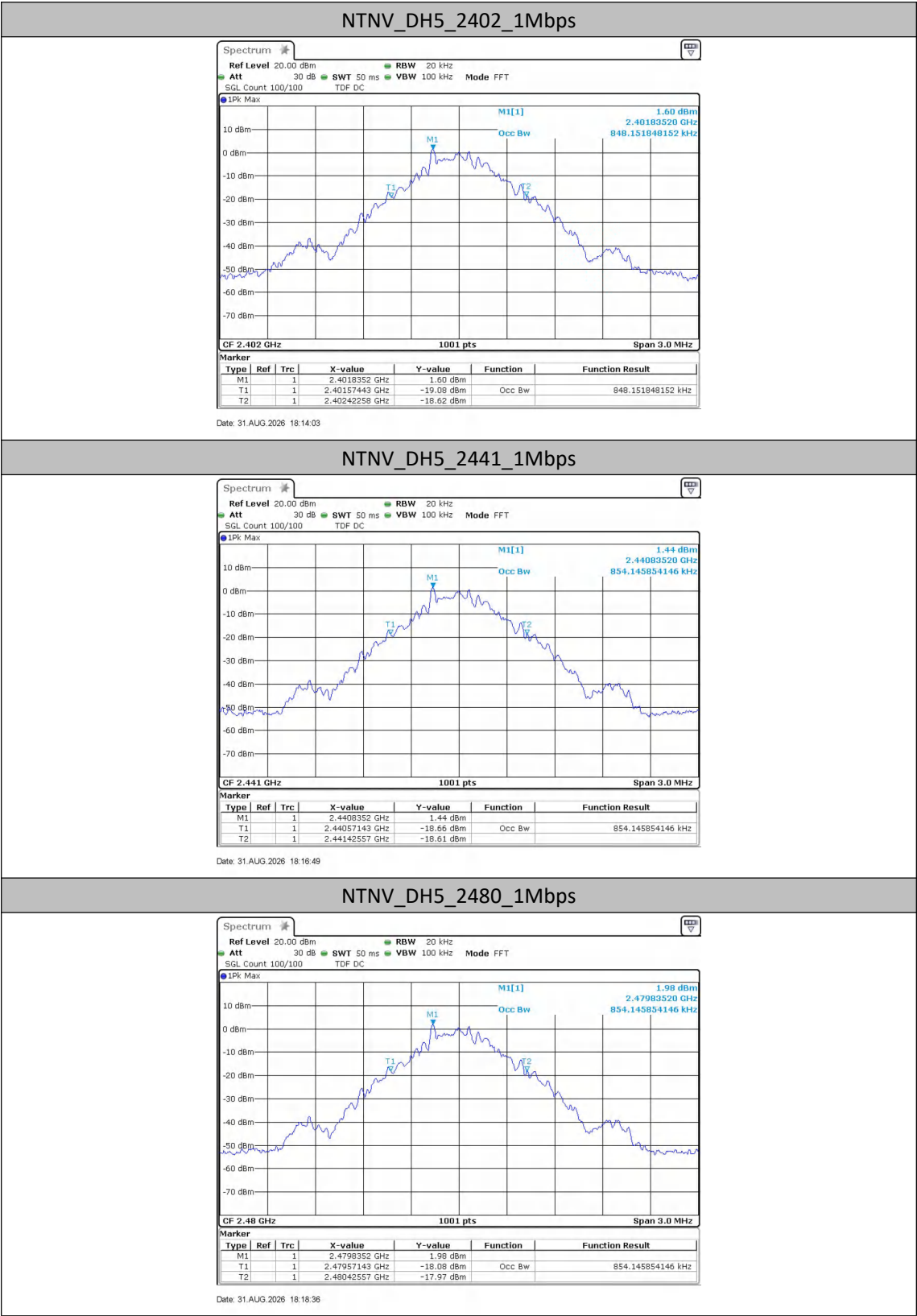


Appendix B: Occupied Channel Bandwidth

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	0.85	-	2401.57	2402.42	Pass
2	NTNV	DH5	2441	1Mbps	ANT1	0.85	-	2440.57	2441.43	Pass
3	NTNV	DH5	2480	1Mbps	ANT1	0.85	-	2479.57	2480.43	Pass

Test Graphs

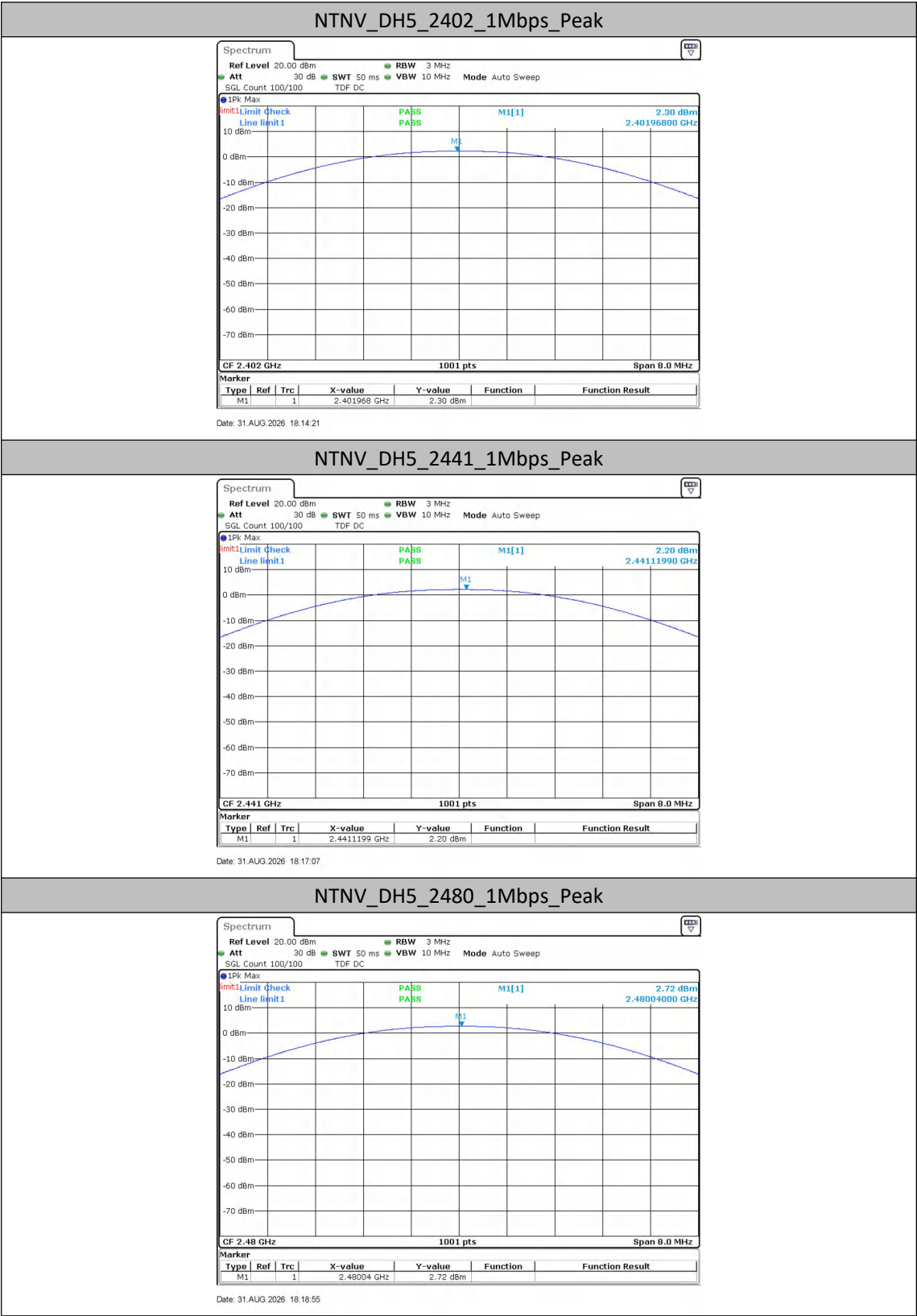


Appendix C: Maximum conducted output power

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	2.30	≤ 30	Pass
2	NTNV	DH5	2441	Peak	ANT1	2.20	≤ 30	Pass
3	NTNV	DH5	2480	Peak	ANT1	2.72	≤ 30	Pass

Test Graphs

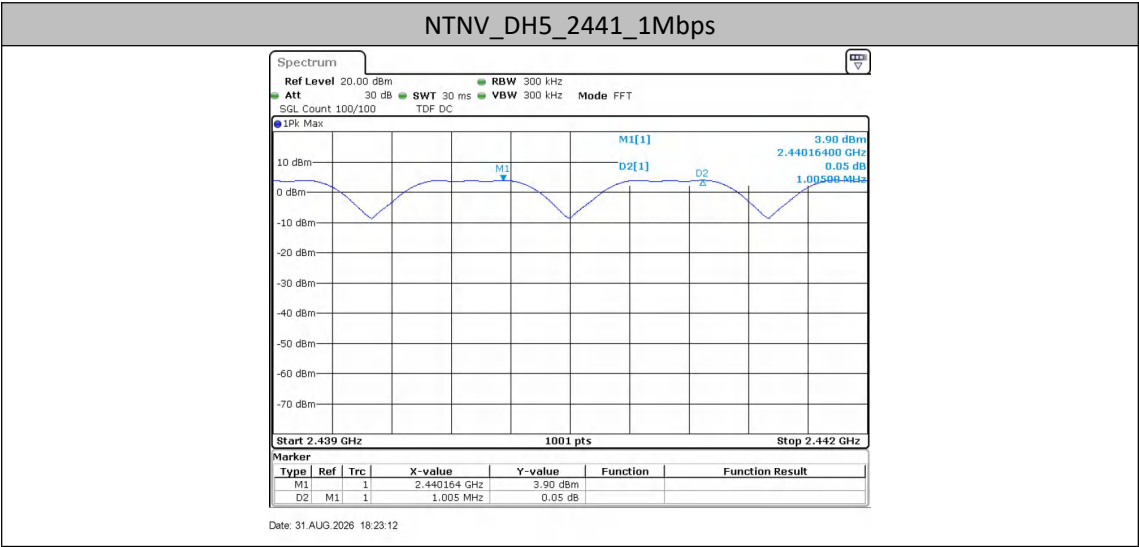


Appendix D: Carrier frequency separation

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	≥ 0.63	Pass

Test Graphs

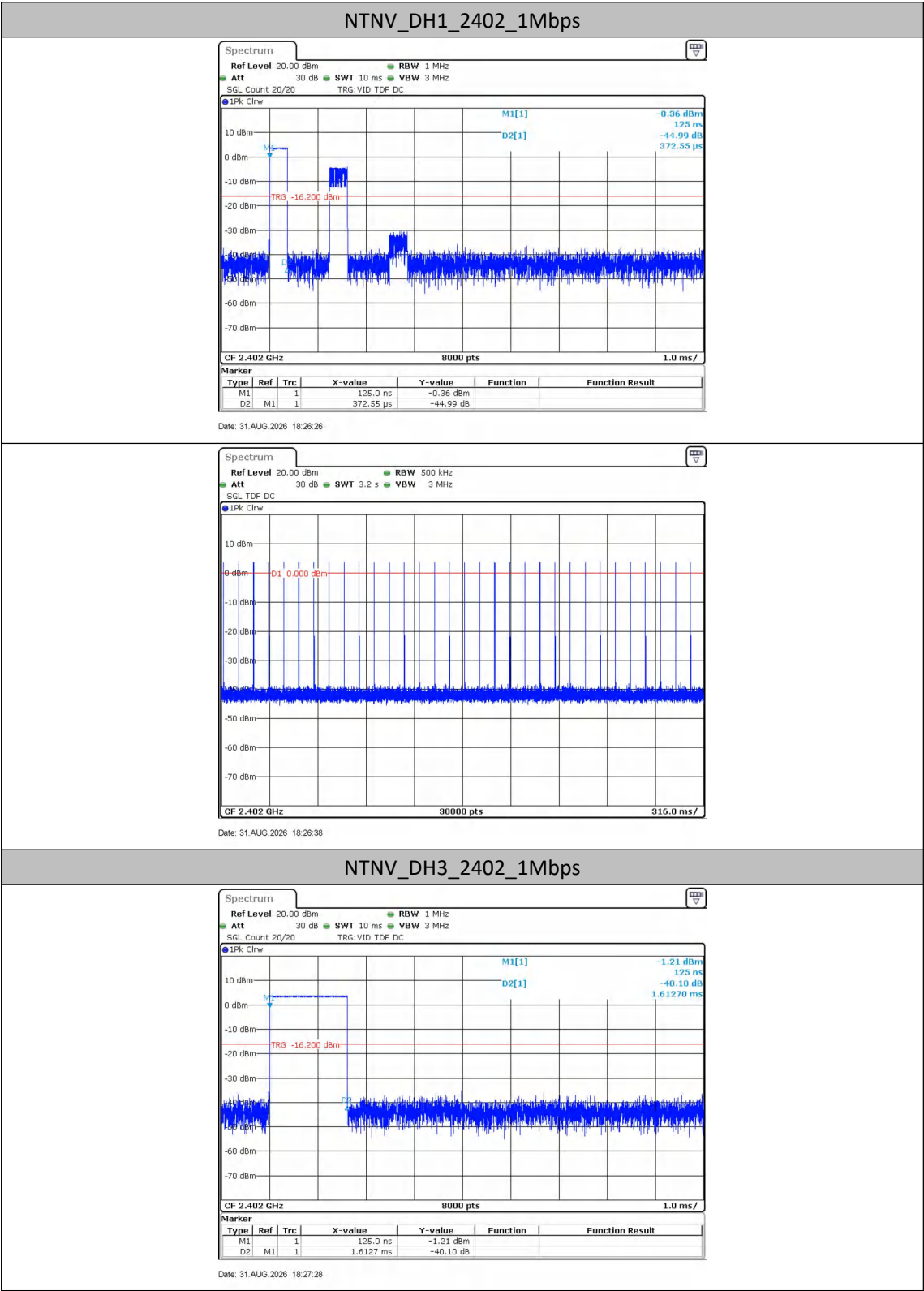


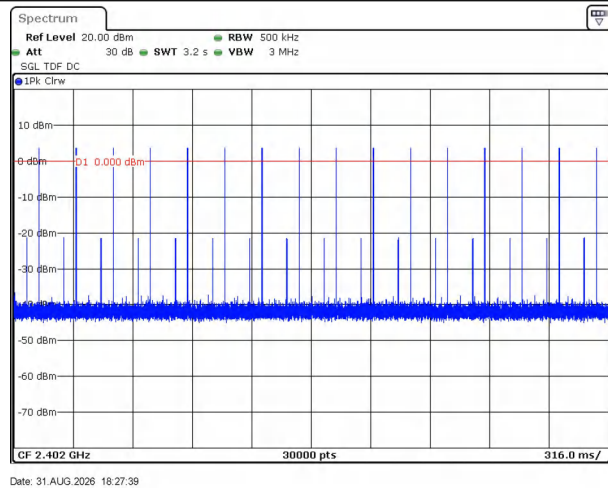
Appendix E: Time of occupancy

Test Result

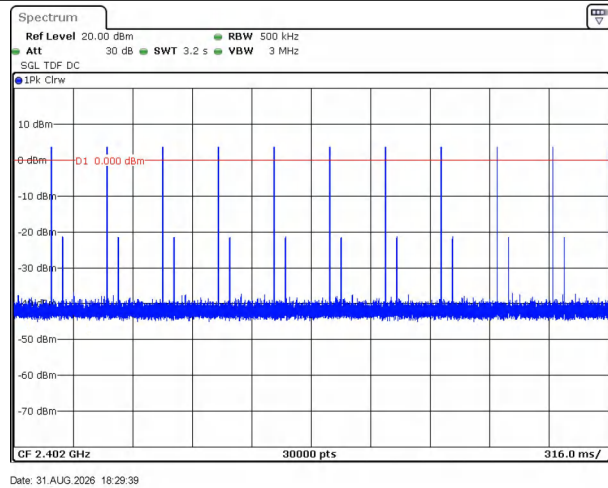
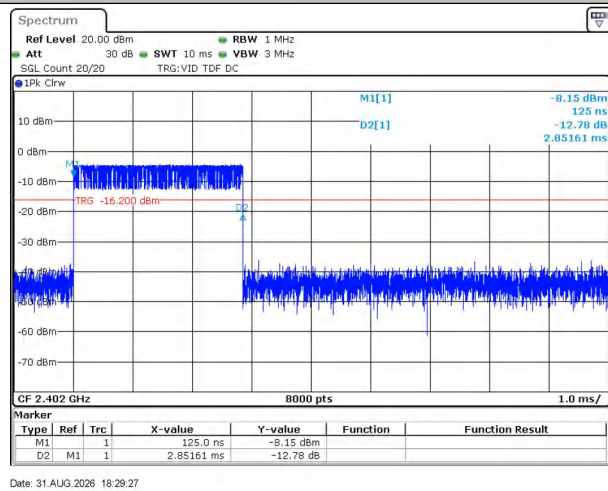
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Burst Width (ms)	Total Hops	Dwell Time (s)	Limit (s)	Verdict
1	NTNV	DH1 FHSS	2402	1Mbps	ANT1	0.37	32	0.12	≤0.4	Pass
2	NTNV	DH3 FHSS	2402	1Mbps	ANT1	1.61	16	0.26	≤0.4	Pass
3	NTNV	DH5 FHSS	2402	1Mbps	ANT1	2.85	10	0.29	≤0.4	Pass

Test Graphs





NTNV_DH5_2402_1Mbps

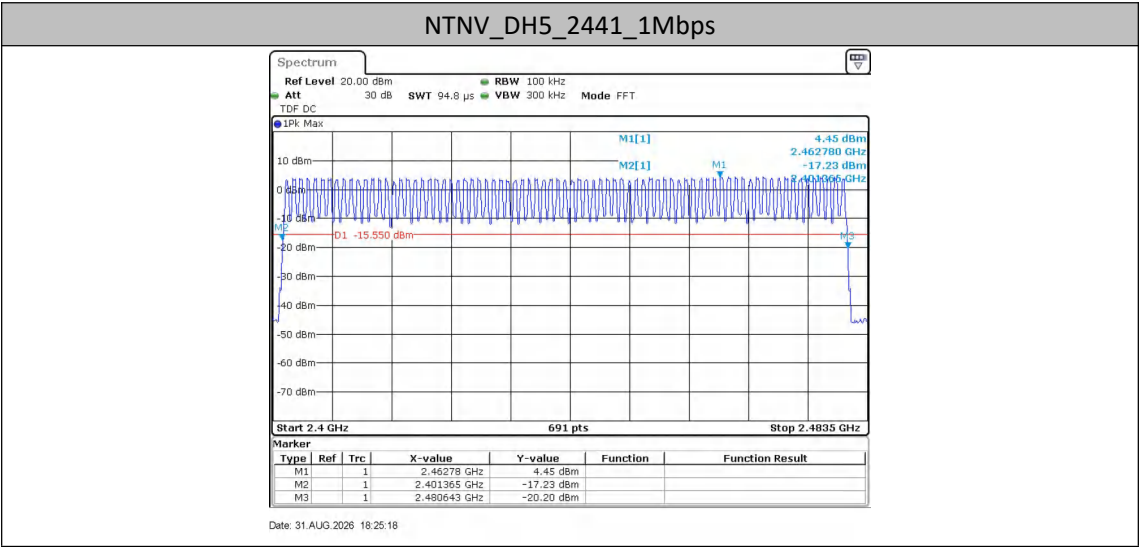


Appendix F: Number of hopping channels

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

Test Graphs

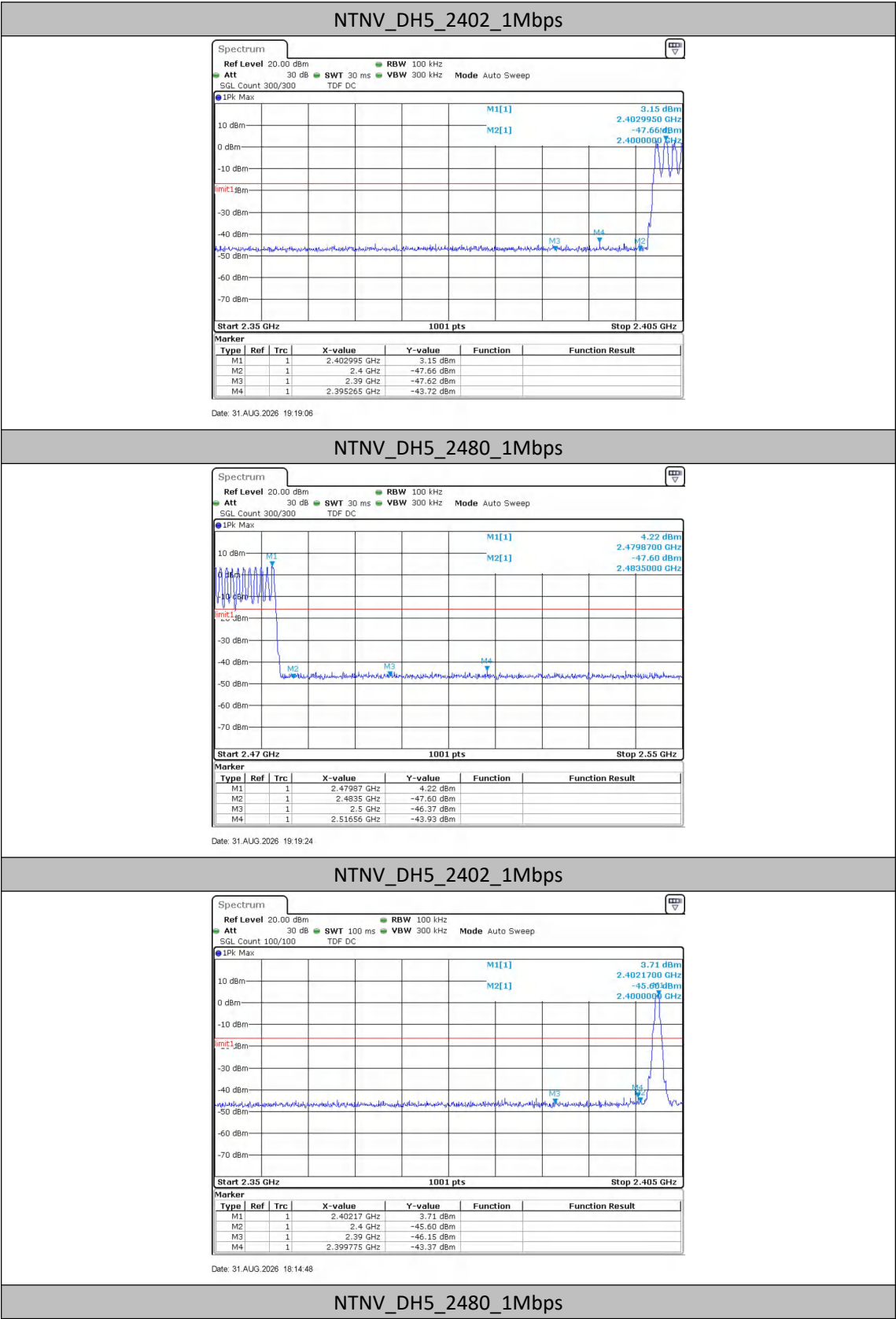


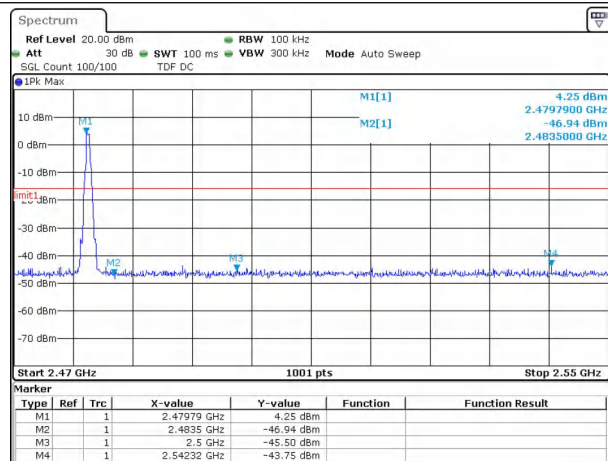
Appendix G: Band edge measurements

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Reference (dBm)	Emission Level (dBm)	Limit (dBm)	Verdict
3	NTNV	DH5 FHSS	2402	1Mbps	ANT1	3.15	-43.72	≤ -16.85	Pass
4	NTNV	DH5 FHSS	2480	1Mbps	ANT1	4.22	-43.93	≤ -15.78	Pass
1	NTNV	DH5	2402	1Mbps	ANT1	3.71	-43.37	≤ -16.29	Pass
2	NTNV	DH5	2480	1Mbps	ANT1	4.25	-43.75	≤ -15.75	Pass

Test Graphs





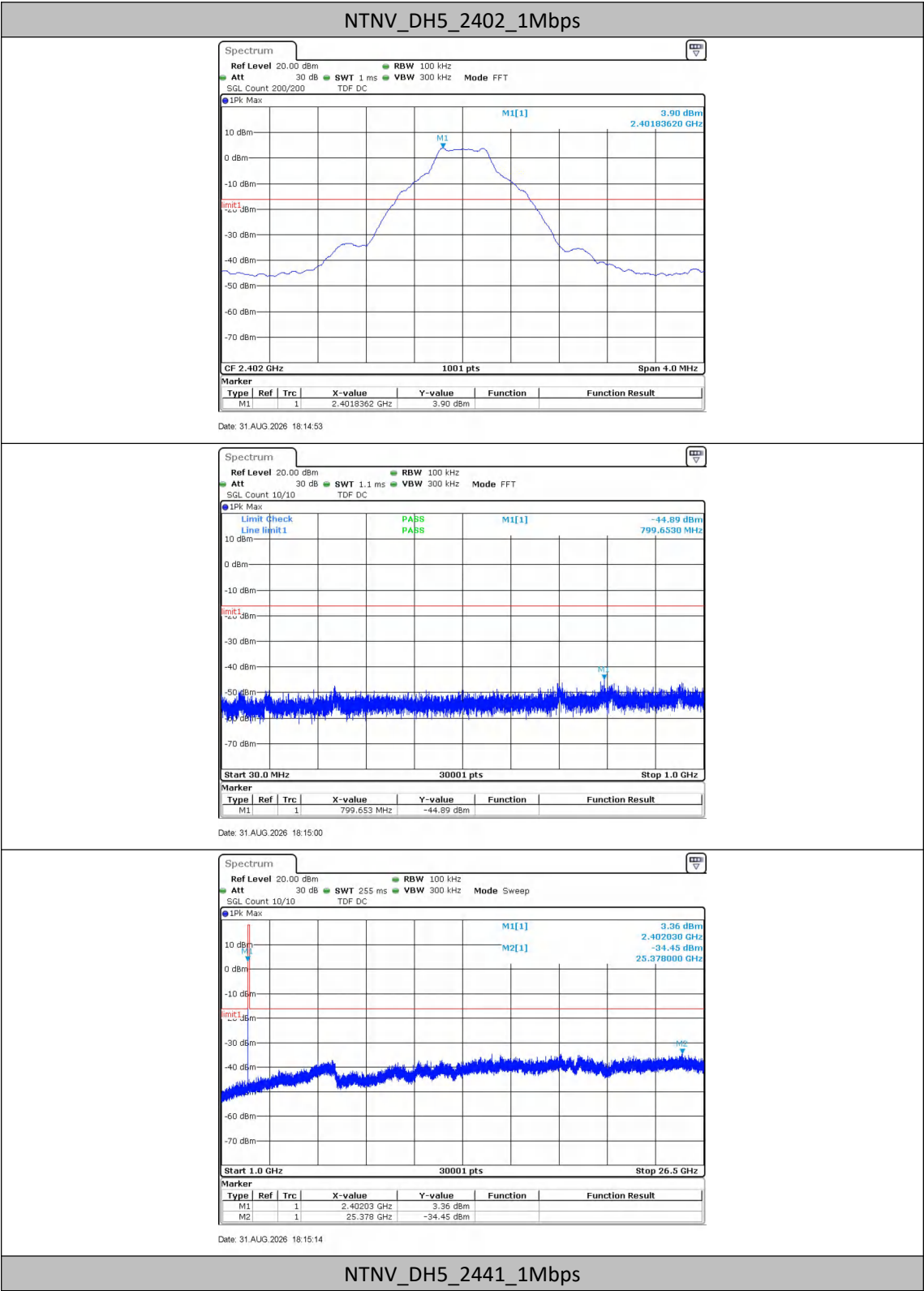
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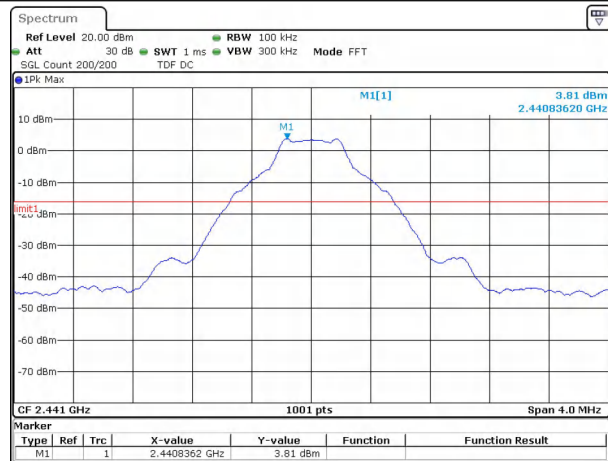
Appendix H: Conducted Spurious Emission

Test Result

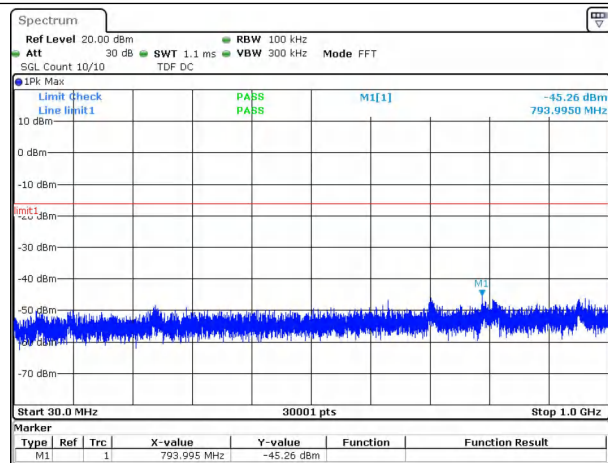
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Frequency Range (MHz)	Ref Level (MHz)	Max Power (dBm)	Limit (dBm)	Verdict
1	NTNV	DH5	2402	1Mbps	ANT1	Reference	0.1	3.9	/	/
						30~1000	0.1	-44.89	≤-16.10	Pass
						1000~26500	0.1	-34.45	≤-16.10	Pass
2	NTNV	DH5	2441	1Mbps	ANT1	Reference	0.1	3.81	/	/
						30~1000	0.1	-45.26	≤-16.19	Pass
						1000~26500	0.1	-34.36	≤-16.19	Pass
3	NTNV	DH5	2480	1Mbps	ANT1	Reference	0.1	4.34	/	/
						30~1000	0.1	-45.51	≤-15.66	Pass
						1000~26500	0.1	-34.08	≤-15.66	Pass

Test Graphs

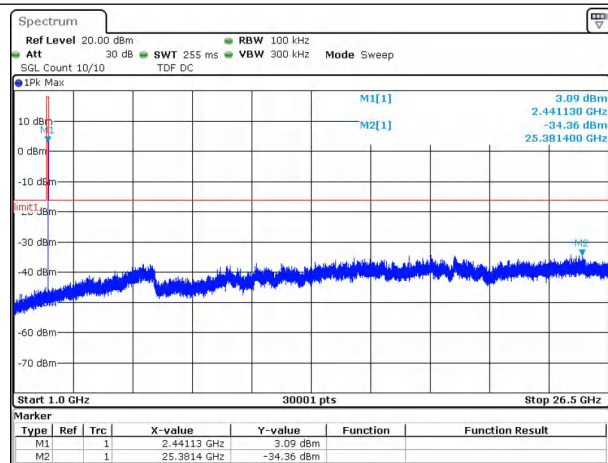




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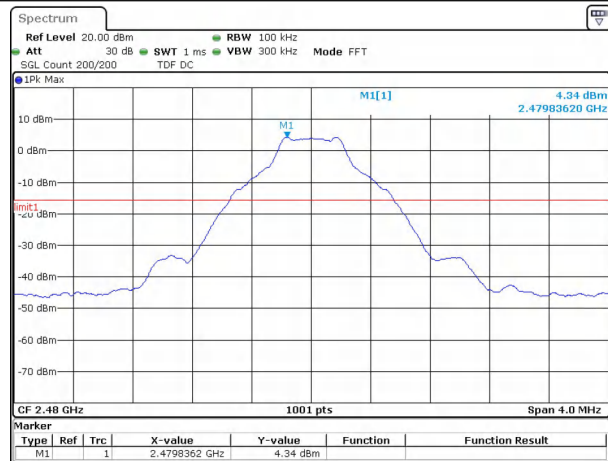


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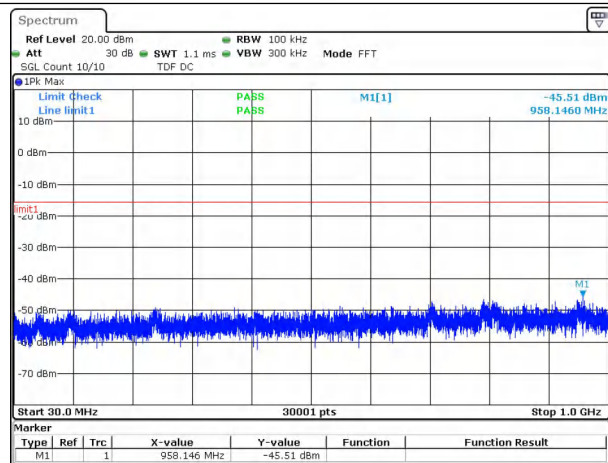


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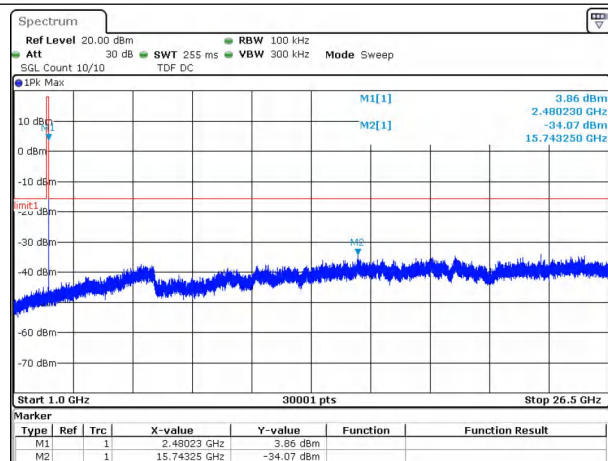
NTNV_DH5_2480_1Mbps



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Date: 31.AUG.2026 18:19:33



Date: 31.AUG.2026 18:19:47

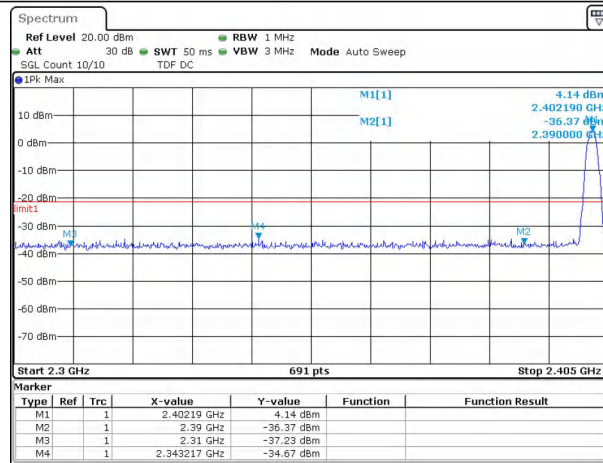
Appendix I: Emissions in Restricted Bands

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Gain (dBi)	Antenna	Detector	Freq (MHz)	Result (dBm)	Limit (dBm)	Result (dBuV/m)	Limit (dBuV/m)	Verdict
1	NTNV	DH5	2402	1Mbps	2	ANT1	Peak	2390.00	-36.37	-21.20	58.83	74.00	Pass
							Peak	2310.00	-37.23	-21.20	57.97	74.00	Pass
							Peak	2343.22	-34.67	-21.20	60.53	74.00	Pass
2	NTNV	DH5	2402	1Mbps	2	ANT1	AV	2390.00	-57.95	-41.20	37.25	54.00	Pass
							AV	2310.00	-58.51	-41.20	36.69	54.00	Pass
							AV	2341.09	-56.14	-41.20	39.06	54.00	Pass
3	NTNV	DH5	2480	1Mbps	2	ANT1	Peak	2483.50	-35.88	-21.20	59.32	74.00	Pass
							Peak	2500.00	-37.44	-21.20	57.76	74.00	Pass
							Peak	2510.00	-34.49	-21.20	60.71	74.00	Pass
4	NTNV	DH5	2480	1Mbps	2	ANT1	AV	2483.50	-56.83	-41.20	38.37	54.00	Pass
							AV	2500.00	-57.96	-41.20	37.24	54.00	Pass
							AV	2512.20	-55.64	-41.20	39.56	54.00	Pass

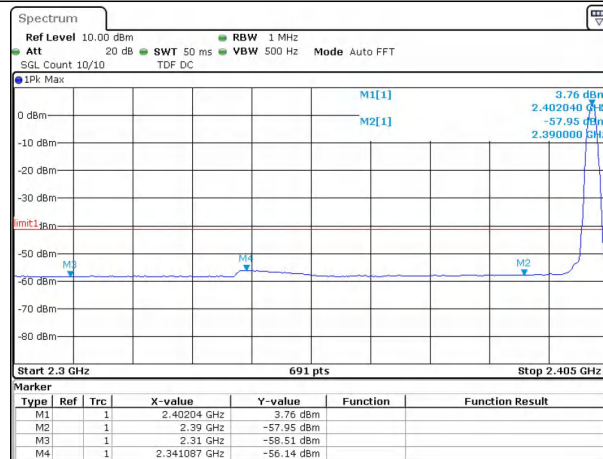
Test Graphs

NTNV_DH5_2402_1Mbps_Peak



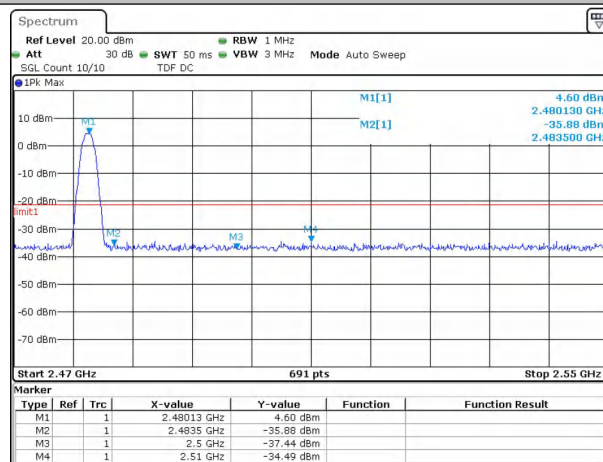
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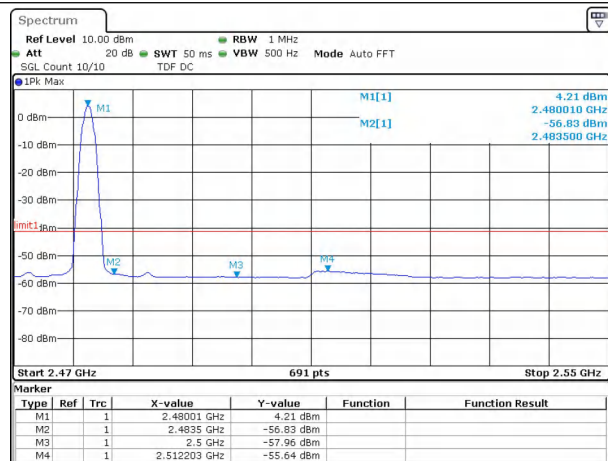
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NTNV_DH5_2480_1Mbps_Peak



Date: 31.AUG.2026 18:20:02

NTNV_DH5_2480_1Mbps_AV



Date: 31.AUG.2026 18:20:07

Appendix J: 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	2.87	3.75	0.77	76.57
2	NTNV	DH5	2441	1Mbps	ANT1	2.87	3.75	0.77	76.57
3	NTNV	DH5	2480	1Mbps	ANT1	2.87	3.75	0.77	76.57

Test Graphs

