



CQASZ20260701489E-01

Summary

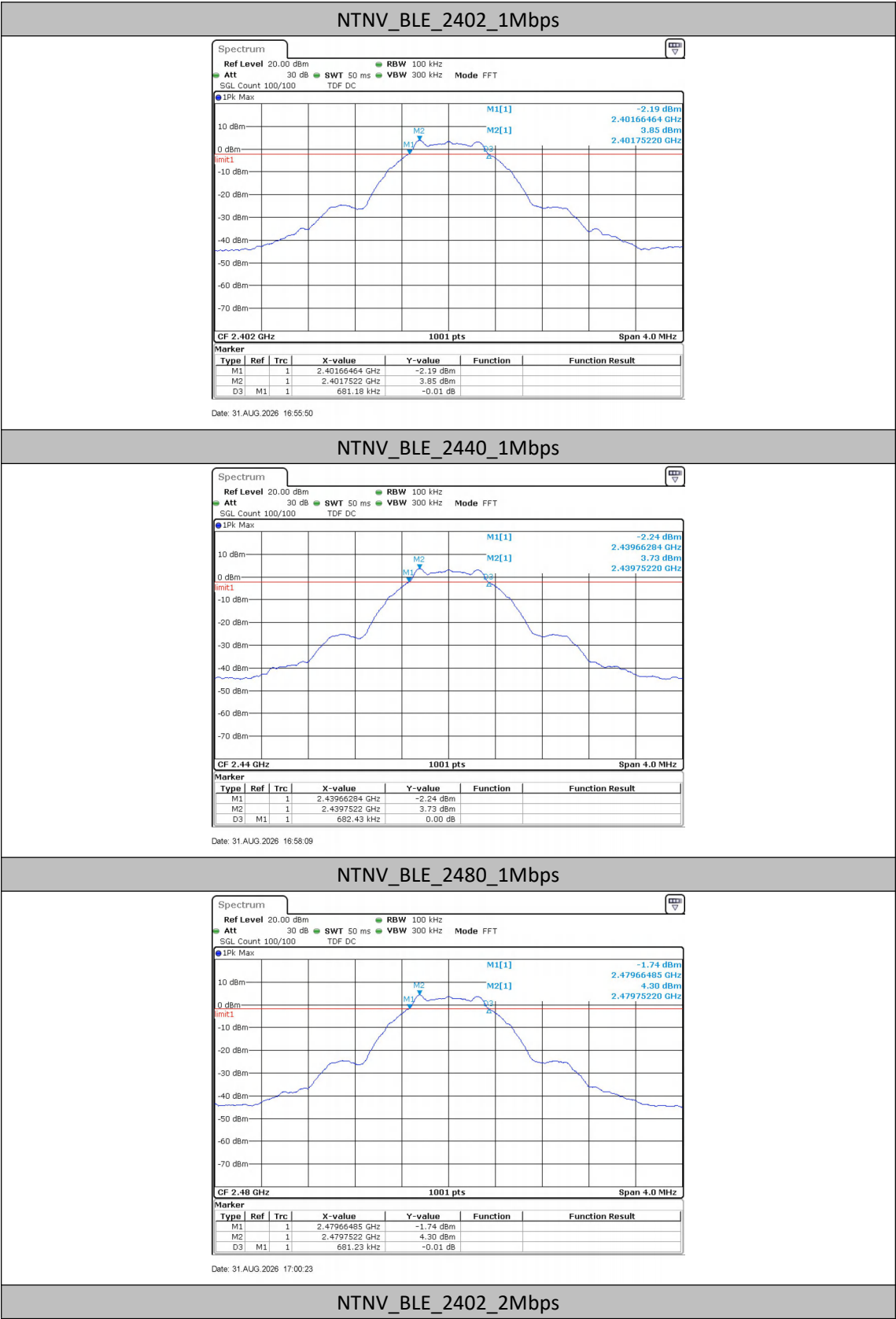
NO.	Item	Verdict
1	DTS Bandwidth	Pass
2	Occupied Channel Bandwidth	Pass
3	Maximum conducted output power	Pass
4	Maximum power spectral density	Pass
5	Band edge measurements	Pass
6	Conducted Spurious Emission	Pass
7	Emissions in Restricted Bands	Pass
8	Duty Cycle	Pass

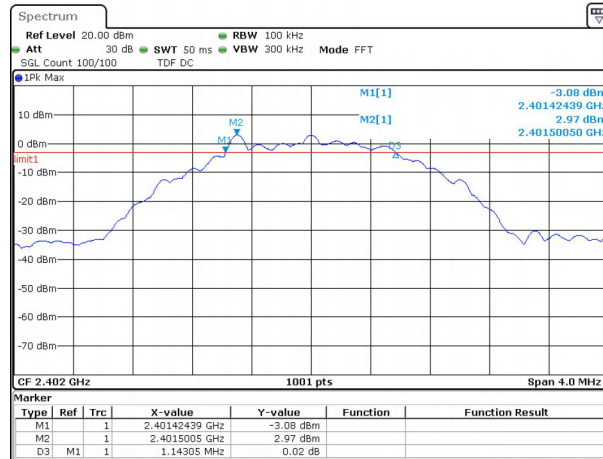
Appendix A: DTS Bandwidth

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	6dB Occupy Bandwidth (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	0.68	2401.66	2402.35	≥ 0.5	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	0.68	2439.66	2440.35	≥ 0.5	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	0.68	2479.66	2480.35	≥ 0.5	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	1.14	2401.42	2402.57	≥ 0.5	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	1.14	2439.43	2440.57	≥ 0.5	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	1.14	2479.42	2480.57	≥ 0.5	Pass

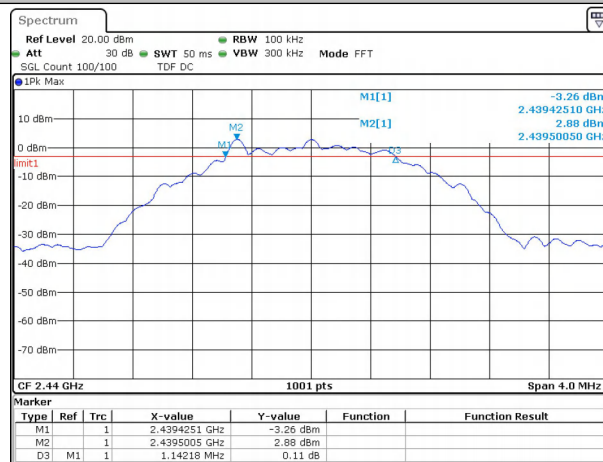
Test Graphs





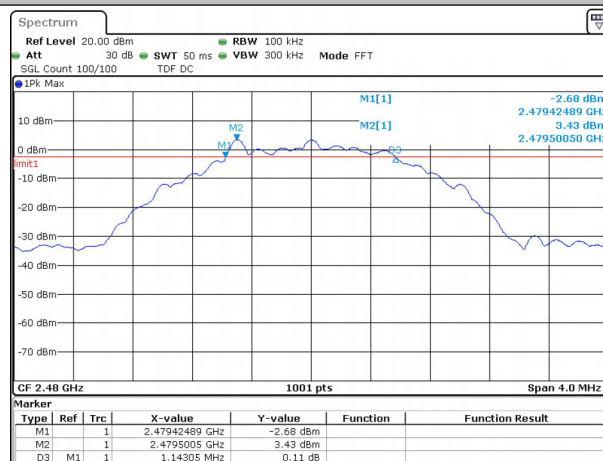
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NTNV_BLE_2440_2Mbps



Date: 31.AUG.2026 17:05:26

NTNV_BLE_2480_2Mbps



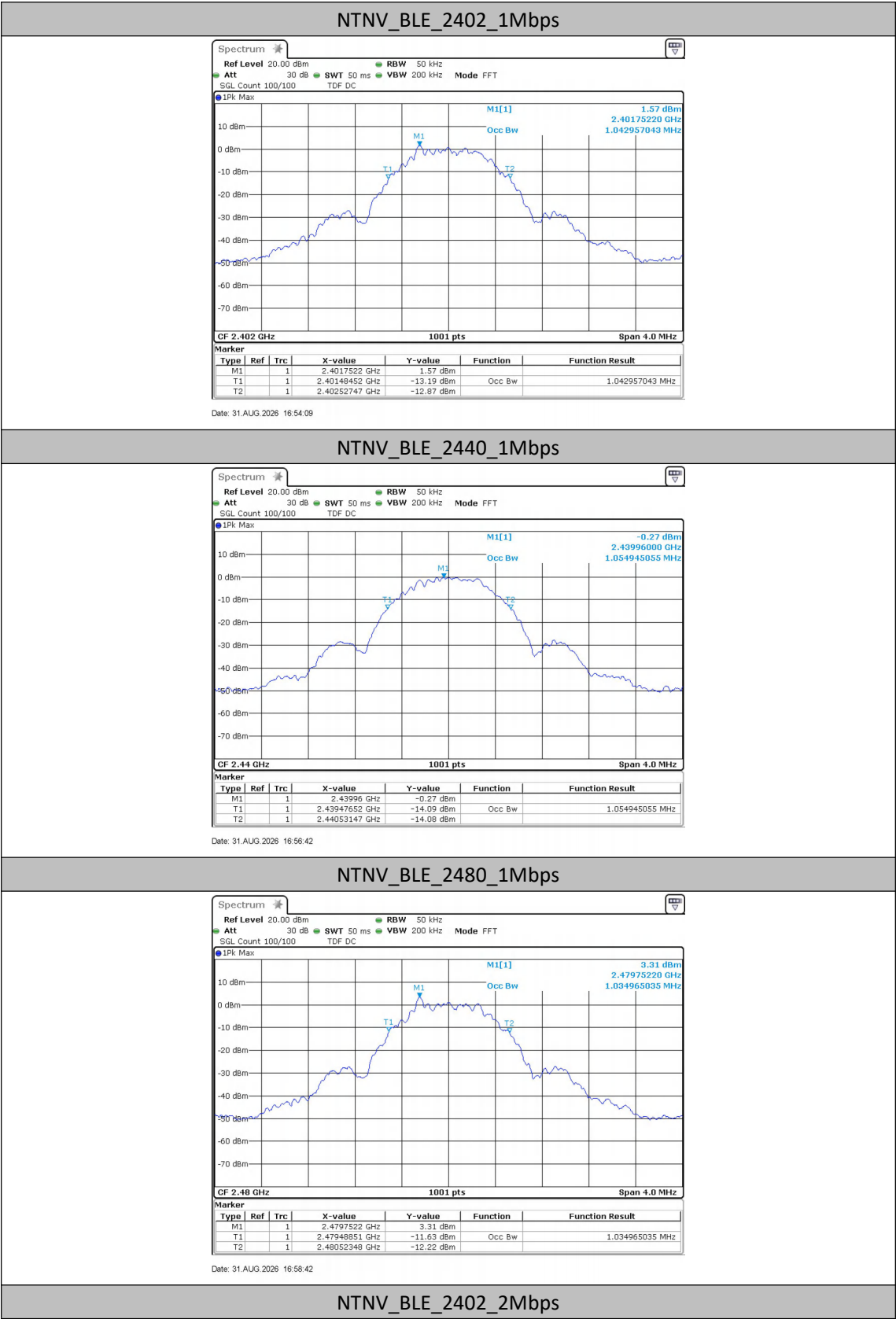
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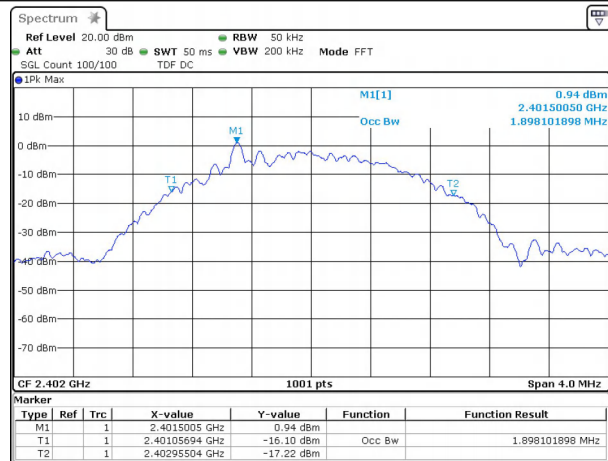
Appendix B: Occupied Channel Bandwidth

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	99% OBW (MHz)	Limit (MHz)	FL (MHz)	FH (MHz)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	1.04	-	2401.48	2402.53	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	1.05	-	2439.48	2440.53	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	1.03	-	2479.49	2480.52	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	1.90	-	2401.06	2402.96	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	1.93	-	2439.05	2440.98	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	1.91	-	2479.05	2480.96	Pass

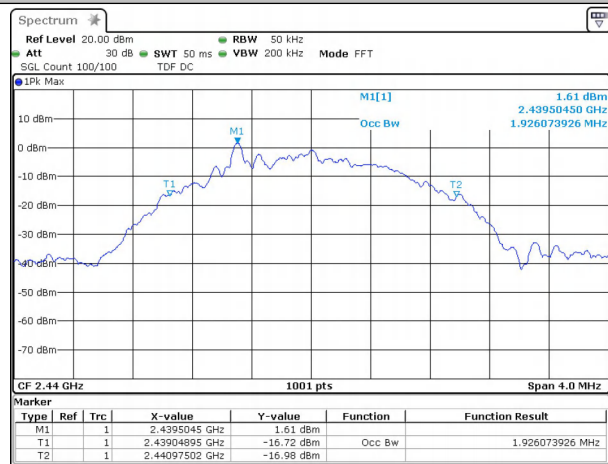
Test Graphs





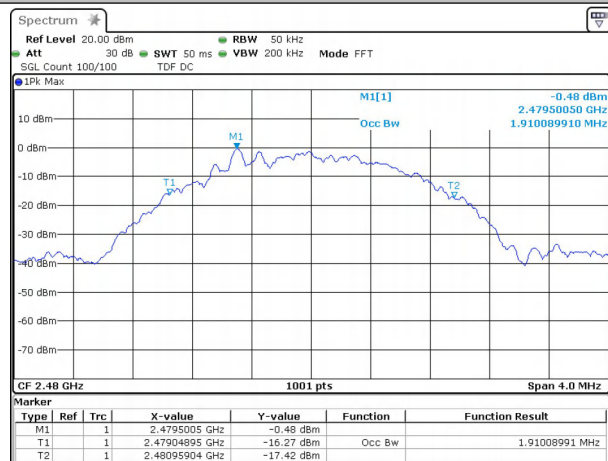
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NTNV_BLE_2440_2Mbps



Date: 31.AUG.2026 17:03:59

NTNV_BLE_2480_2Mbps



Date: 31.AUG.2026 17:06:31

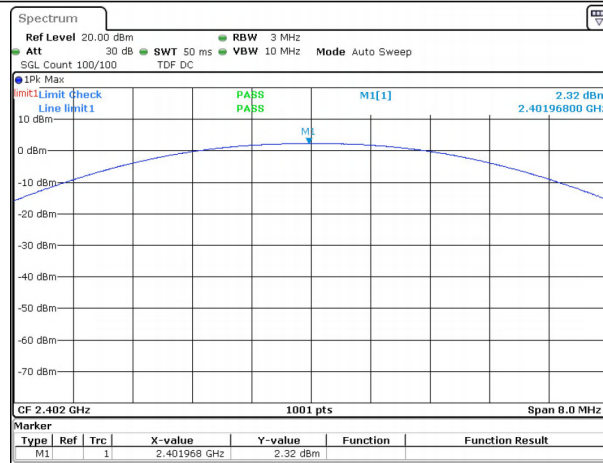
Appendix C: Maximum conducted output power

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Detector	Antenna	Conducted Peak Power (dBm)	Conducted Limit (dBm)	Verdict
1	NTNV	BLE	2402	Peak	ANT1	2.32	≤30	Pass
2	NTNV	BLE	2440	Peak	ANT1	2.21	≤30	Pass
3	NTNV	BLE	2480	Peak	ANT1	2.76	≤30	Pass
4	NTNV	BLE	2402	Peak	ANT1	2.10	≤30	Pass
5	NTNV	BLE	2440	Peak	ANT1	1.99	≤30	Pass
6	NTNV	BLE	2480	Peak	ANT1	2.53	≤30	Pass

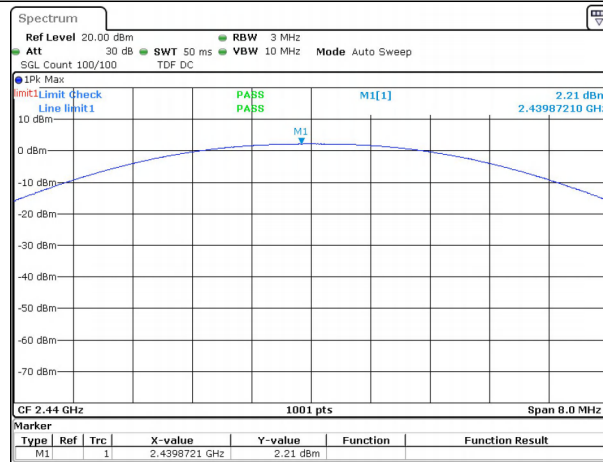
Test Graphs

NTNV_BLE_2402_1Mbps_Peak



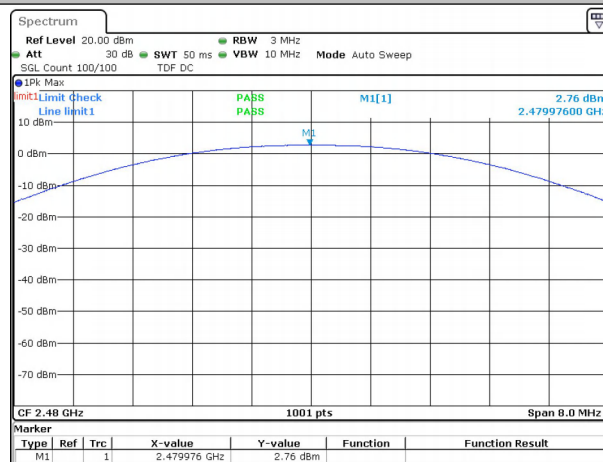
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NTNV_BLE_2440_1Mbps_Peak



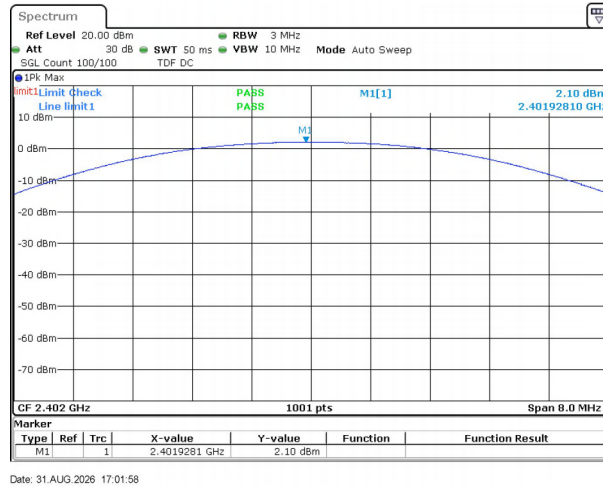
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NTNV_BLE_2480_1Mbps_Peak

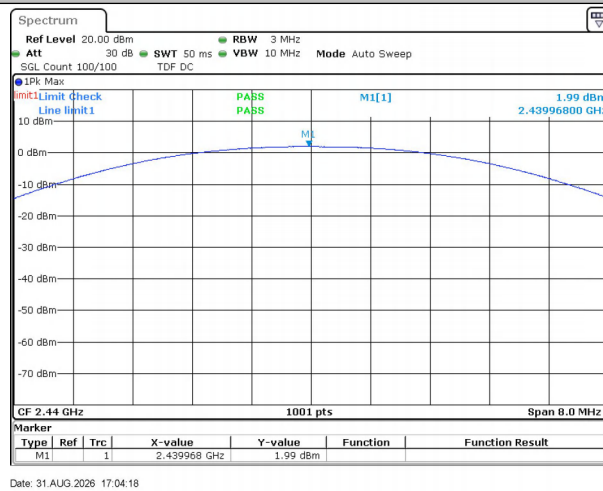


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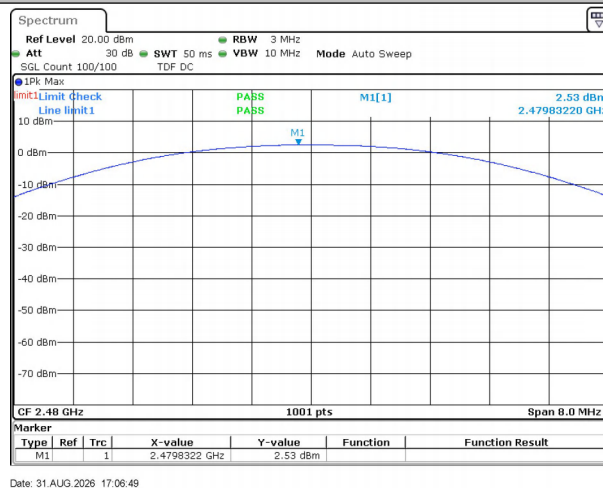
NTNV_BLE_2402_2Mbps_Peak



NTNV_BLE_2440_2Mbps_Peak



NTNV_BLE_2480_2Mbps_Peak

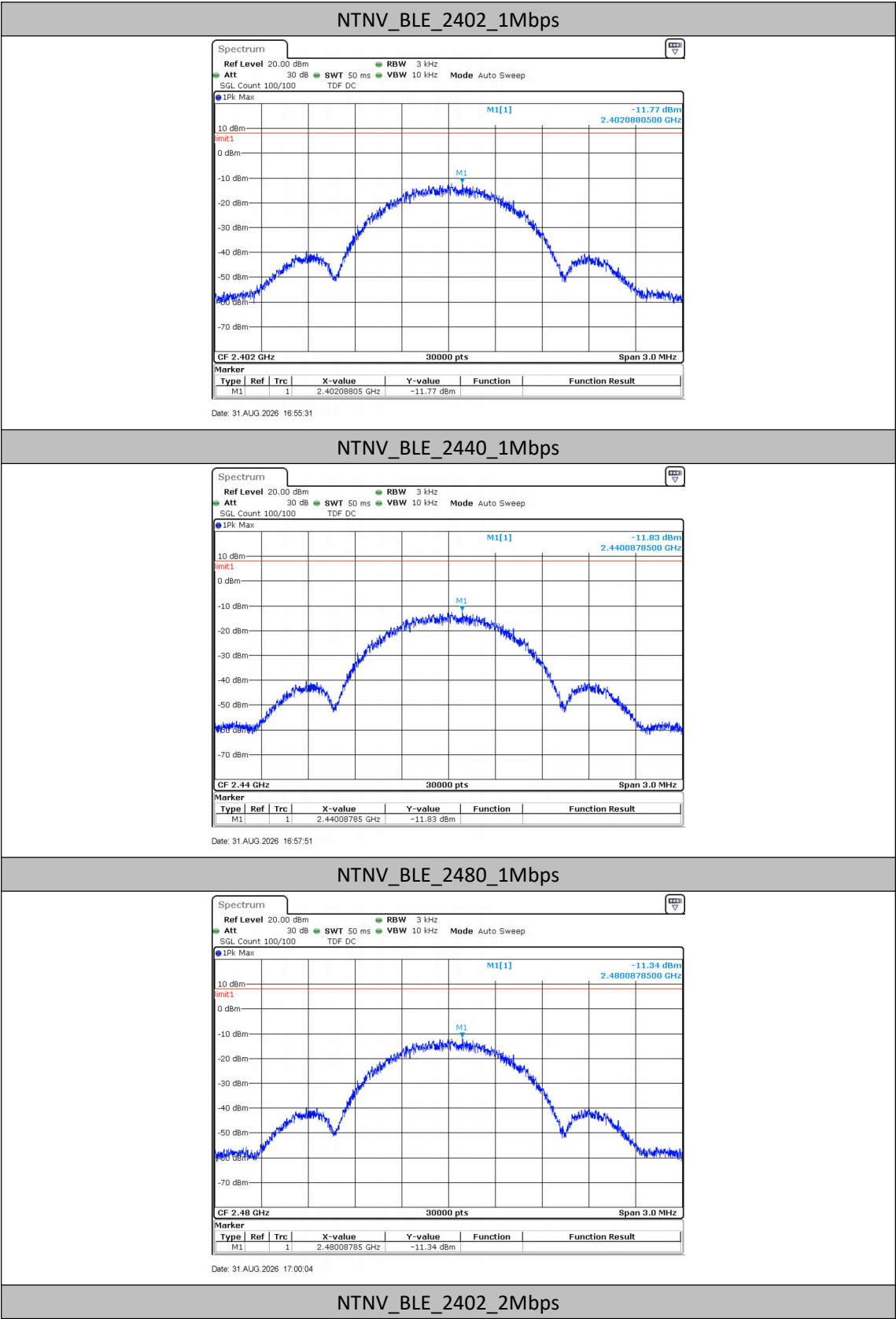


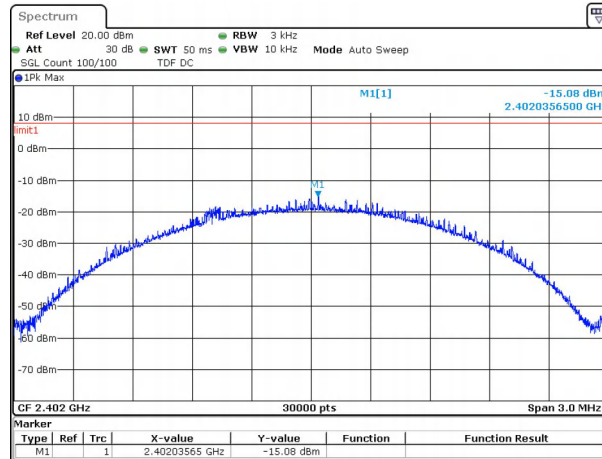
Appendix D: Maximum power spectral density

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	-11.77	≤ 8	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	-11.83	≤ 8	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	-11.34	≤ 8	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	-15.08	≤ 8	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	-15.32	≤ 8	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	-14.59	≤ 8	Pass

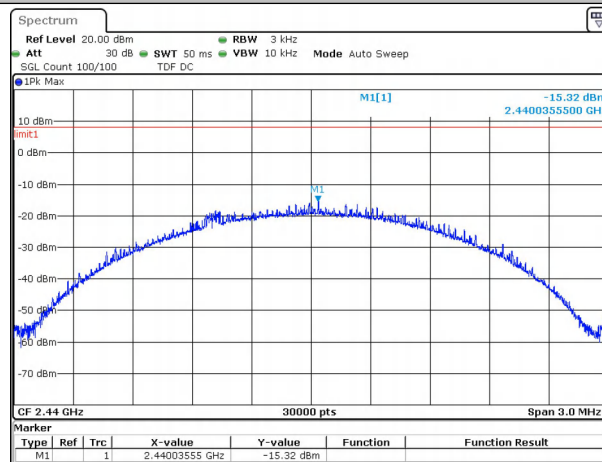
Test Graphs





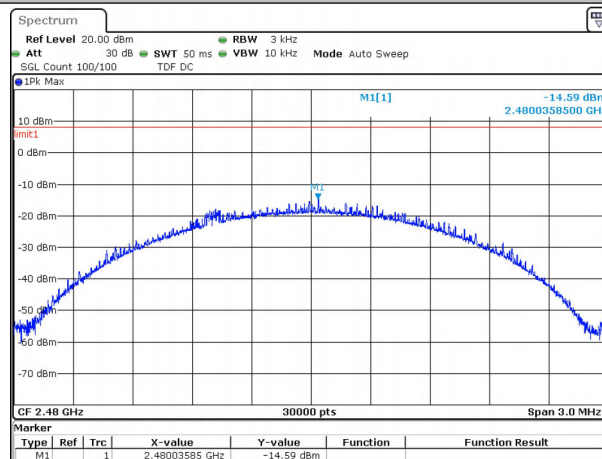
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NTNV_BLE_2440_2Mbps



Date: 31.AUG.2026 17:05:08

NTNV_BLE_2480_2Mbps



Date: 31.AUG.2026 17:07:53

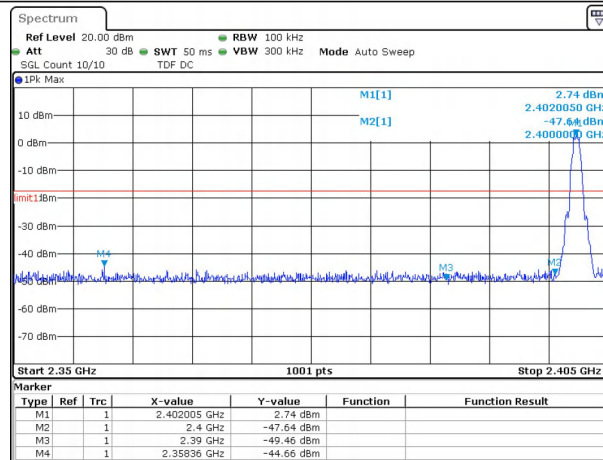
Appendix E: Band edge measurements

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Reference (dBm)	Emission Level (dBm)	Limit (dBm)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	2.74	-44.66	≤ -17.26	Pass
2	NTNV	BLE	2480	1Mbps	ANT1	3.44	-45.00	≤ -16.56	Pass
3	NTNV	BLE	2402	2Mbps	ANT1	1.01	-38.56	≤ -18.99	Pass
4	NTNV	BLE	2480	2Mbps	ANT1	2.93	-45.04	≤ -17.07	Pass

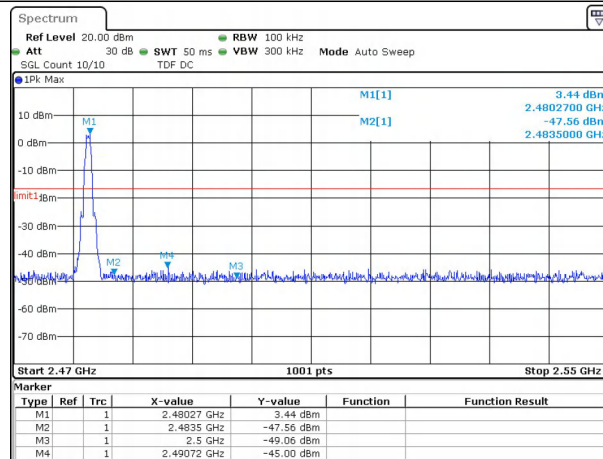
Test Graphs

NTNV_BLE_2402_1Mbps



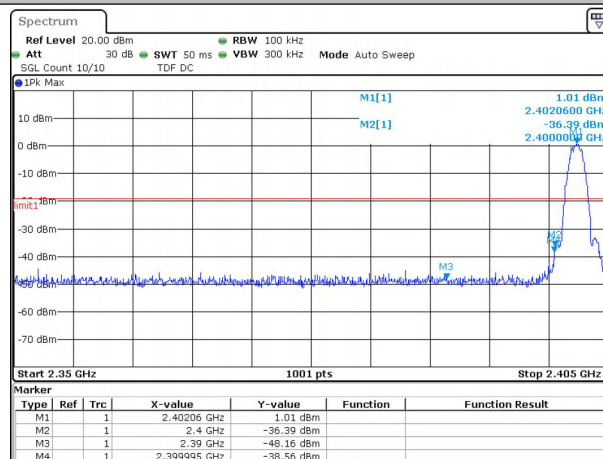
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NTNV_BLE_2480_1Mbps



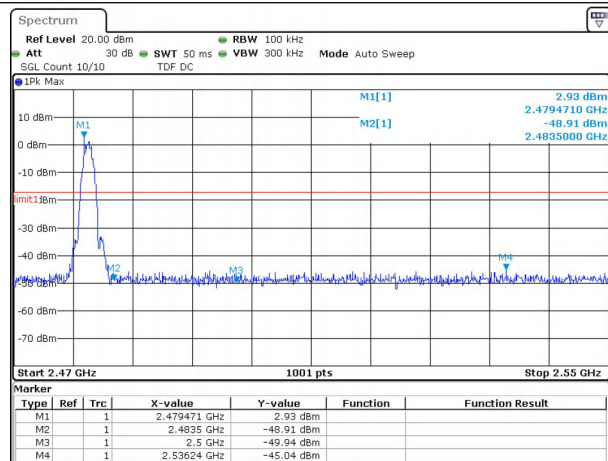
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NTNV_BLE_2402_2Mbps



Date: 31.AUG.2026 17:02:02

NTNV_BLE_2480_2Mbps



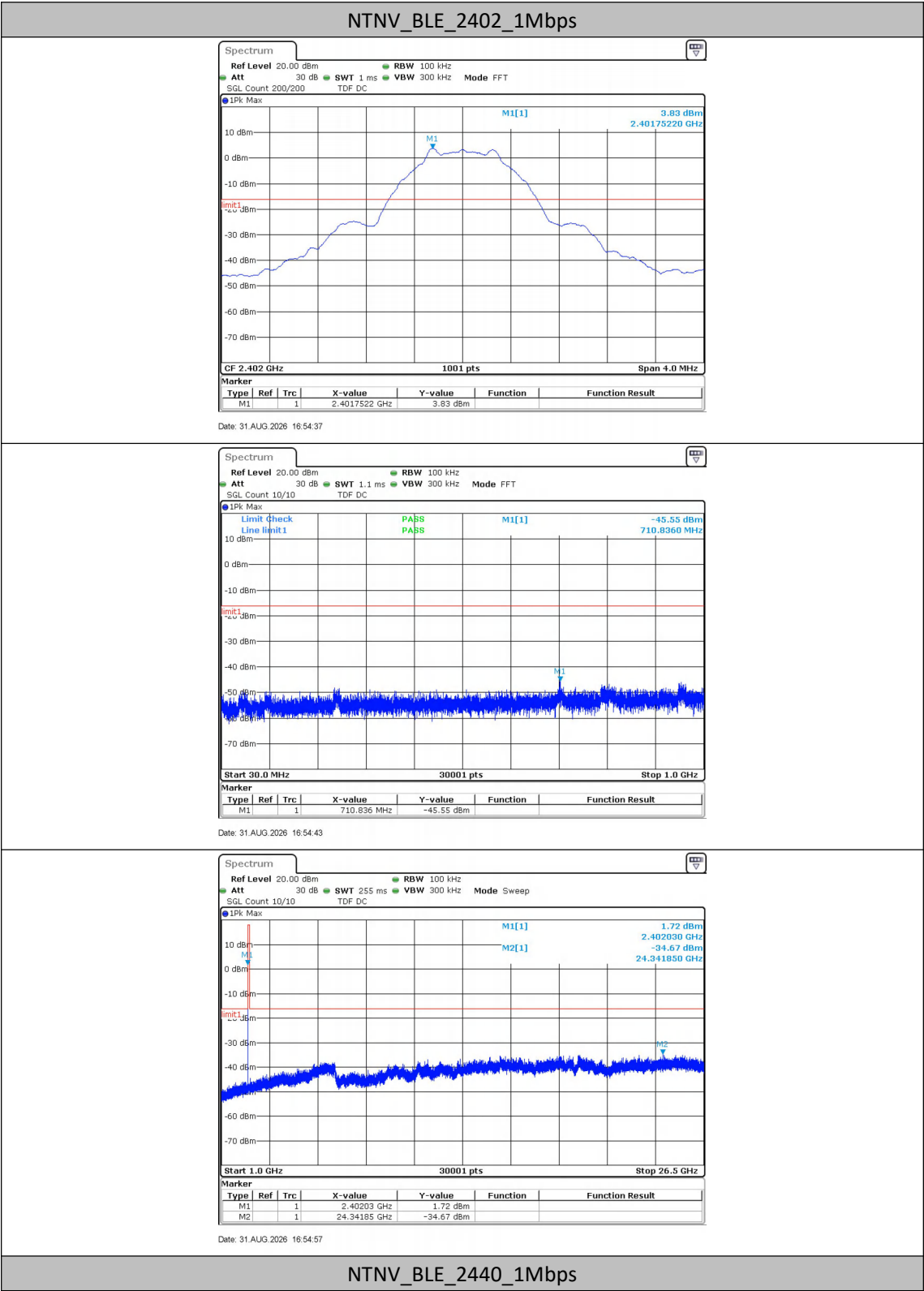
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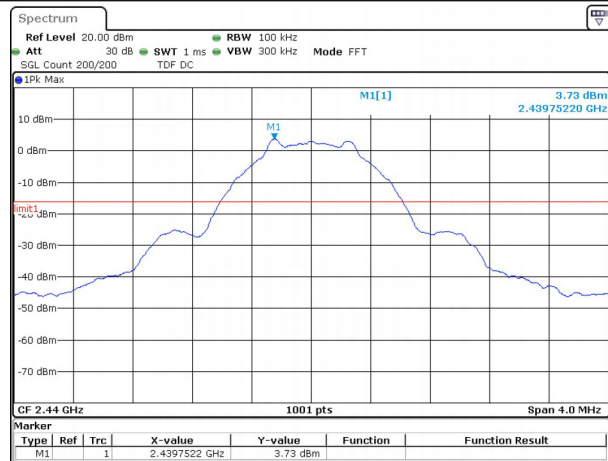
Appendix F: Conducted Spurious Emission

Test Result

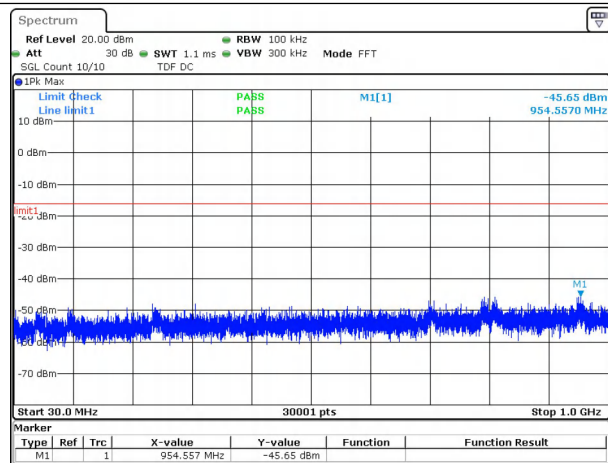
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Frequency Range (MHz)	Ref Level (MHz)	Max Power (dBm)	Limit (dBm)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	Reference	0.1	3.83	/	/
						30~1000	0.1	-45.55	≤-16.17	Pass
						1000~26500	0.1	-34.67	≤-16.17	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	Reference	0.1	3.73	/	/
						30~1000	0.1	-45.65	≤-16.27	Pass
						1000~26500	0.1	-34.28	≤-16.27	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	Reference	0.1	4.27	/	/
						30~1000	0.1	-45.83	≤-15.73	Pass
						1000~26500	0.1	-34.59	≤-15.73	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	Reference	0.1	2.98	/	/
						30~1000	0.1	-45.55	≤-17.02	Pass
						1000~26500	0.1	-34.23	≤-17.02	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	Reference	0.1	2.85	/	/
						30~1000	0.1	-45.67	≤-17.15	Pass
						1000~26500	0.1	-34.59	≤-17.15	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	Reference	0.1	3.44	/	/
						30~1000	0.1	-45.40	≤-16.56	Pass
						1000~26500	0.1	-35.03	≤-16.56	Pass

Test Graphs

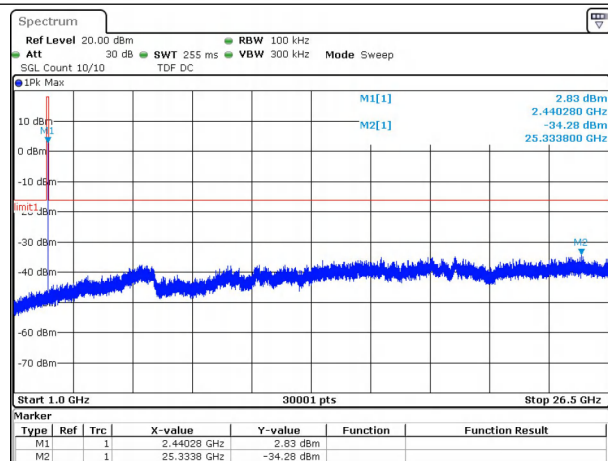




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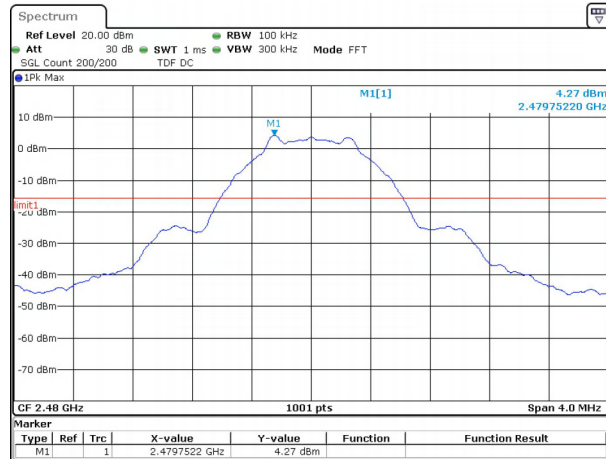


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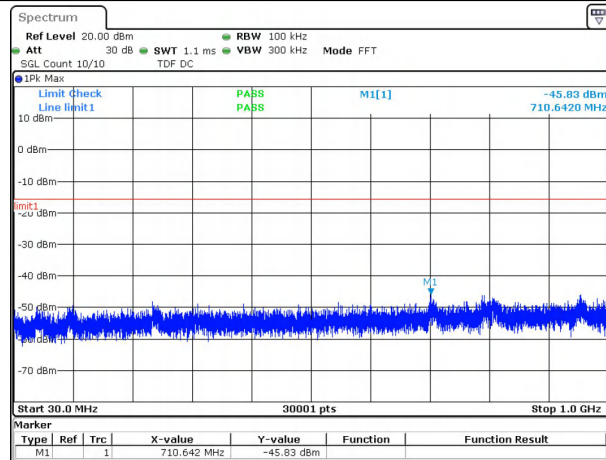


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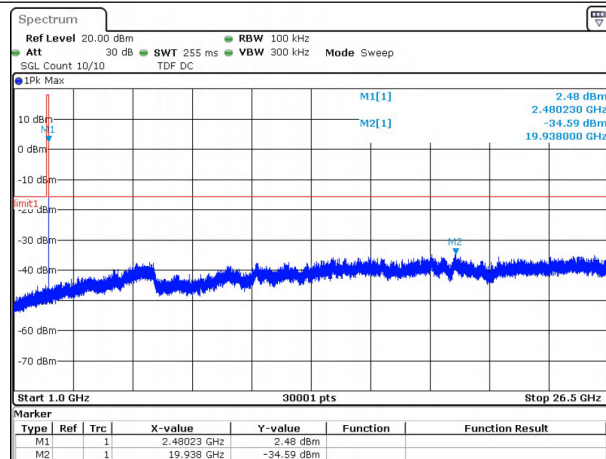
NTNV_BLE_2480_1Mbps



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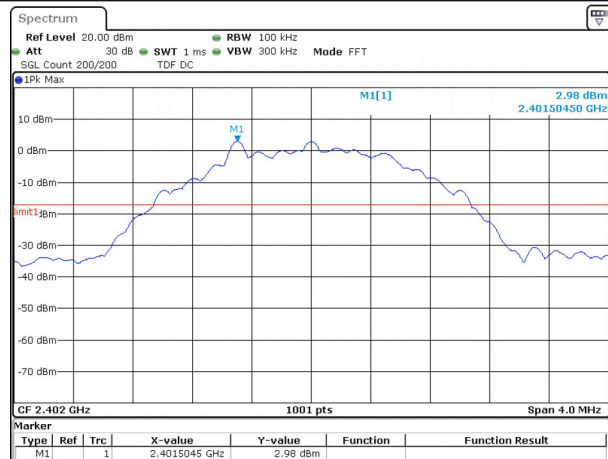


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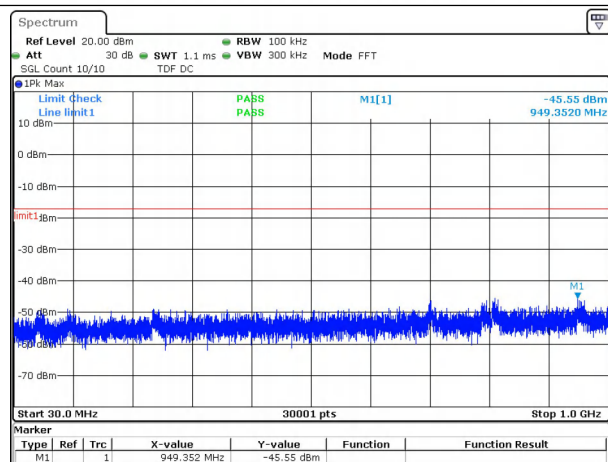


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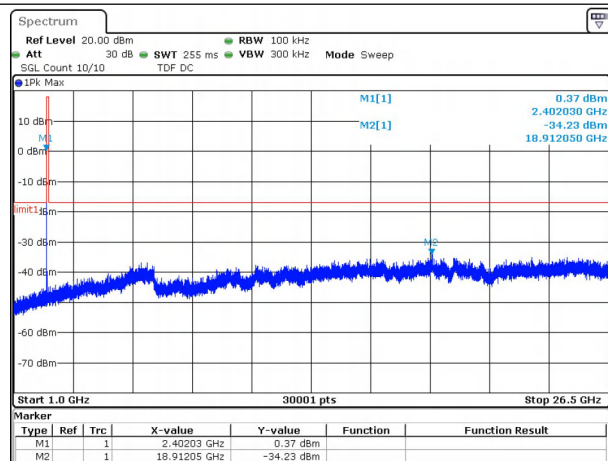
NTNV_BLE_2402_2Mbps



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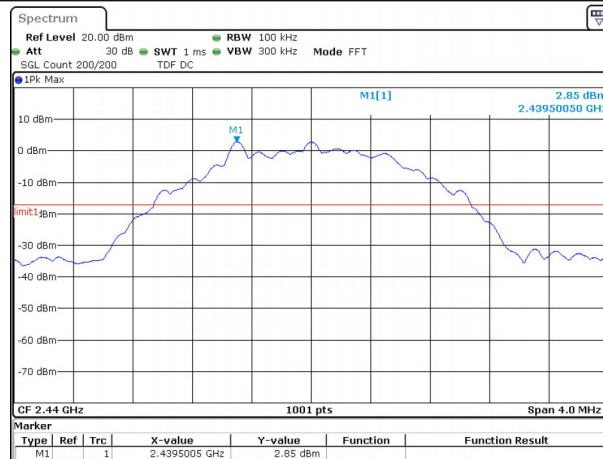


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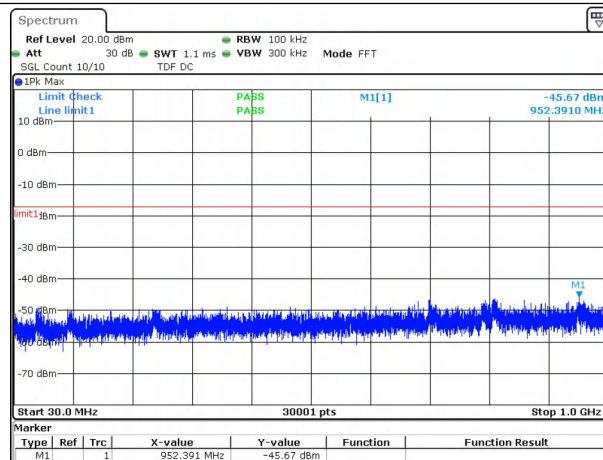


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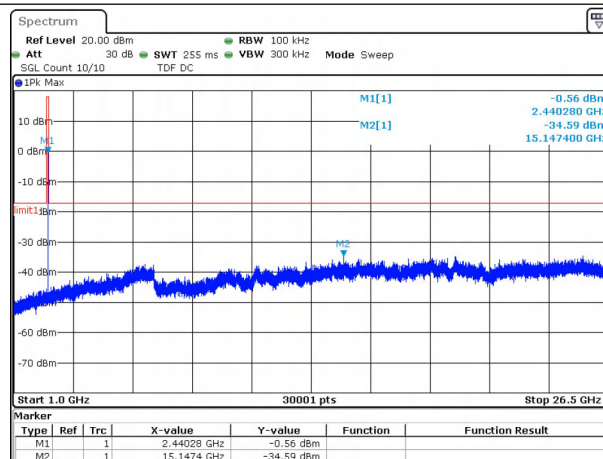
NTNV_BLE_2440_2Mbps



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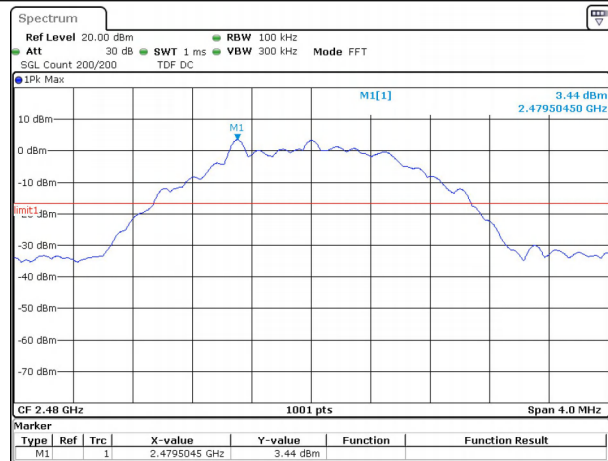


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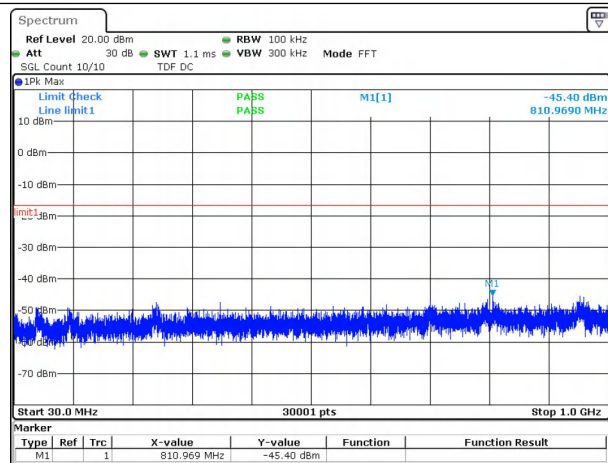


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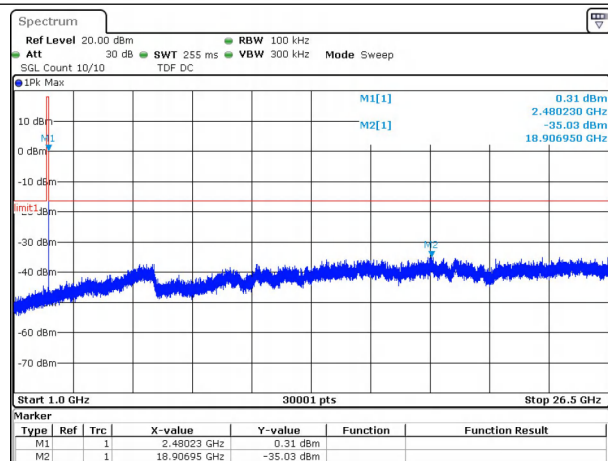
NTNV_BLE_2480_2Mbps



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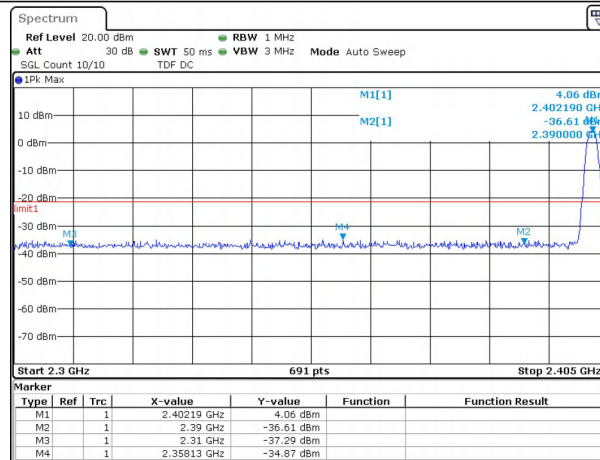
Appendix G: Emissions in Restricted Bands

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	BLE	2402	1Mbps	2	ANT1	Peak	2390.00	-36.61	-21.20	58.59	74.00	Pass
							Peak	2310.00	-37.29	-21.20	57.91	74.00	Pass
							Peak	2358.13	-34.87	-21.20	60.33	74.00	Pass
2	NTNV	BLE	2402	1Mbps	2	ANT1	AV	2390.00	-57.91	-41.20	37.29	54.00	Pass
							AV	2310.00	-58.35	-41.20	36.85	54.00	Pass
							AV	2340.78	-56.16	-41.20	39.04	54.00	Pass
3	NTNV	BLE	2480	1Mbps	2	ANT1	Peak	2483.50	-35.78	-21.20	59.42	74.00	Pass
							Peak	2500.00	-36.50	-21.20	58.70	74.00	Pass
							Peak	2531.57	-34.48	-21.20	60.72	74.00	Pass
4	NTNV	BLE	2480	1Mbps	2	ANT1	AV	2483.50	-56.69	-41.20	38.51	54.00	Pass
							AV	2500.00	-57.97	-41.20	37.23	54.00	Pass
							AV	2512.20	-55.56	-41.20	39.64	54.00	Pass
5	NTNV	BLE	2402	2Mbps	2	ANT1	Peak	2390.00	-36.60	-21.20	58.60	74.00	Pass
							Peak	2310.00	-36.85	-21.20	58.35	74.00	Pass
							Peak	2350.37	-34.42	-21.20	60.78	74.00	Pass
6	NTNV	BLE	2402	2Mbps	2	ANT1	AV	2390.00	-58.10	-41.20	37.10	54.00	Pass
							AV	2310.00	-58.46	-41.20	36.74	54.00	Pass
							AV	2340.33	-56.00	-41.20	39.20	54.00	Pass
7	NTNV	BLE	2480	2Mbps	2	ANT1	Peak	2483.50	-36.17	-21.20	59.03	74.00	Pass
							Peak	2500.00	-35.63	-21.20	59.57	74.00	Pass
							Peak	2509.19	-33.46	-21.20	61.74	74.00	Pass
8	NTNV	BLE	2480	2Mbps	2	ANT1	AV	2483.50	-55.72	-41.20	39.48	54.00	Pass
							AV	2500.00	-57.80	-41.20	37.40	54.00	Pass
							AV	2512.43	-55.55	-41.20	39.65	54.00	Pass

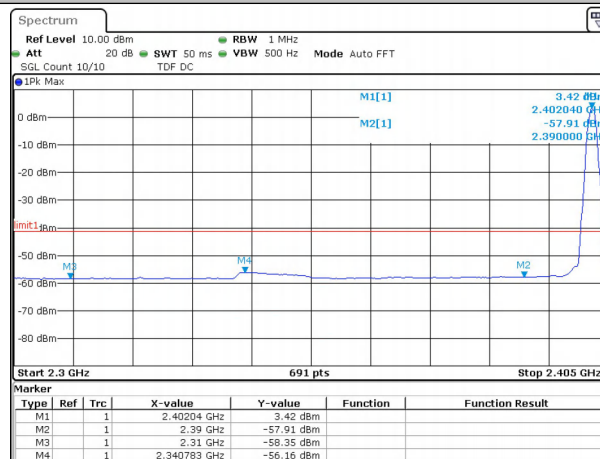
Test Graphs

NTNV_BLE_2402_1Mbps_Peak



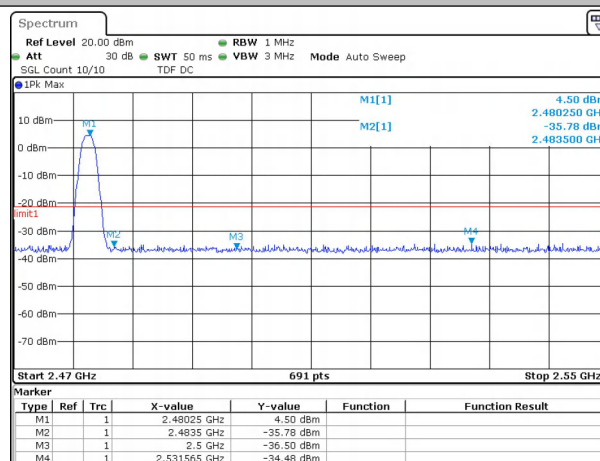
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NTNV_BLE_2402_1Mbps_AV



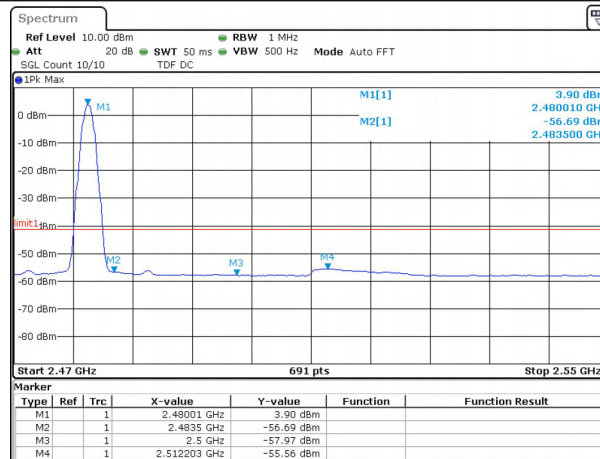
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NTNV_BLE_2480_1Mbps_Peak



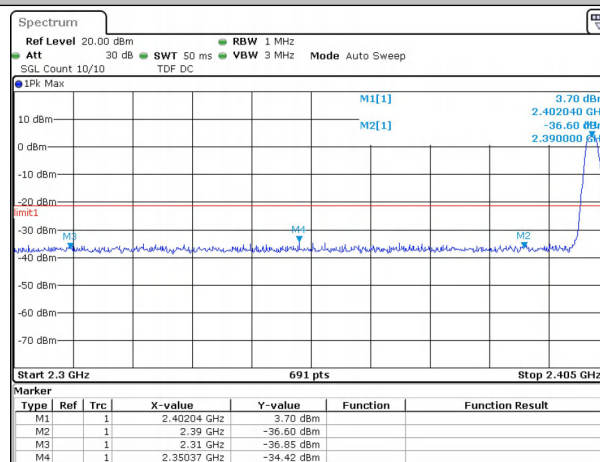
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NTNV_BLE_2480_1Mbps_AV



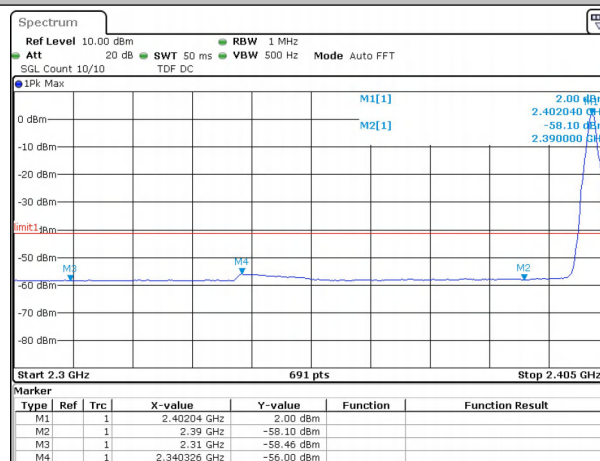
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NTNV_BLE_2402_2Mbps_Peak



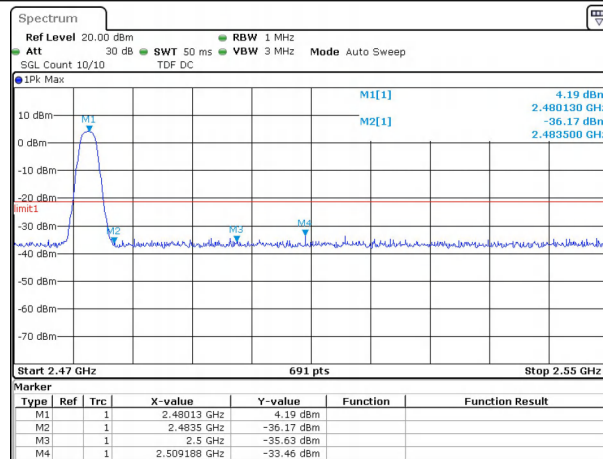
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NTNV_BLE_2402_2Mbps_AV



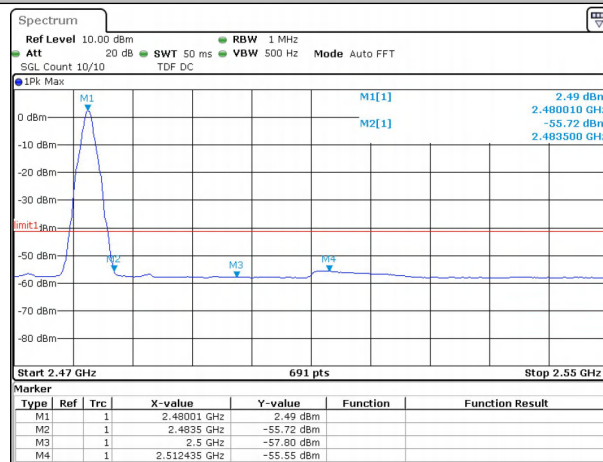
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NTNV_BLE_2480_2Mbps_Peak



Date: 31.AUG.2026 17:07:34

NTNV_BLE_2480_2Mbps_AV



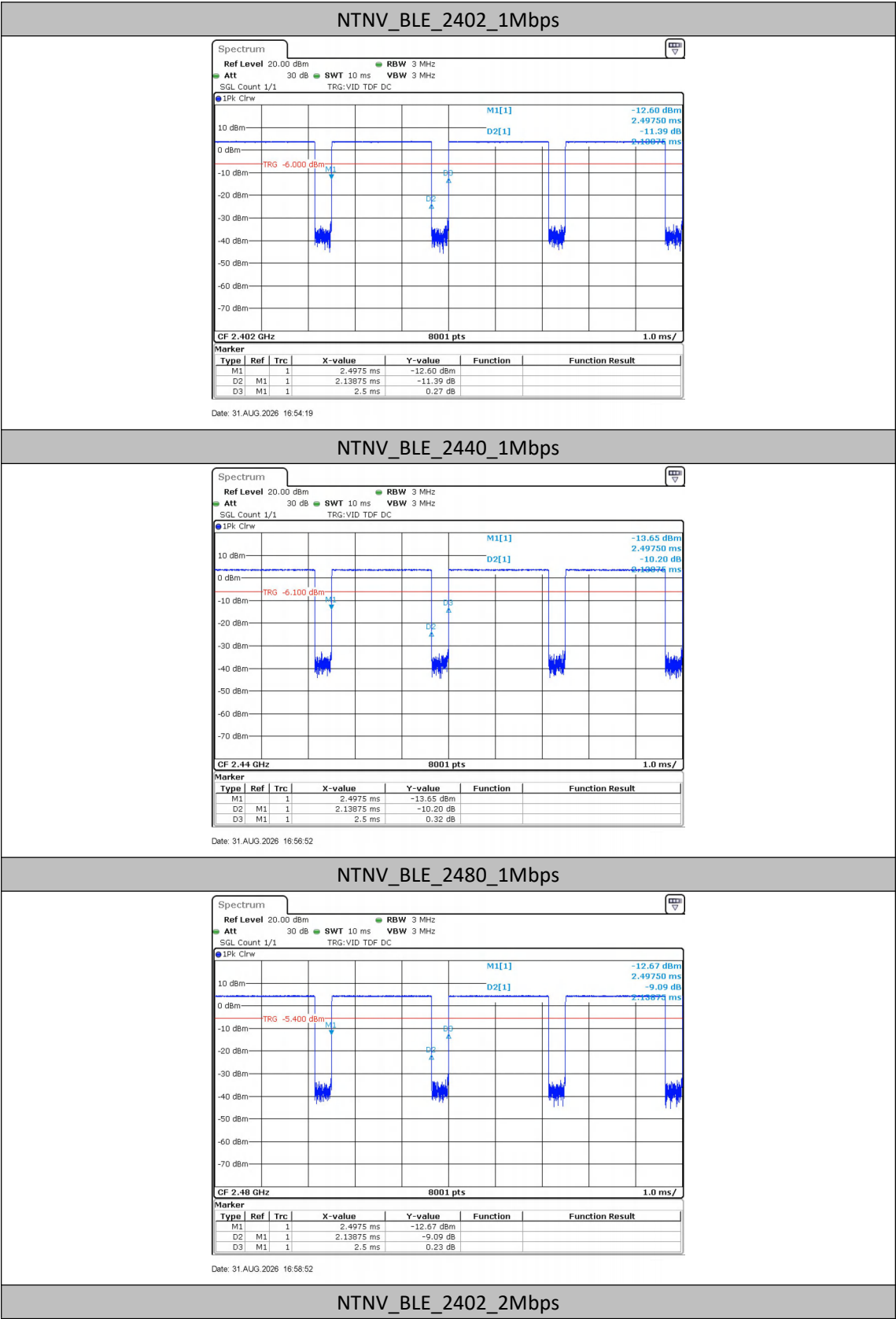
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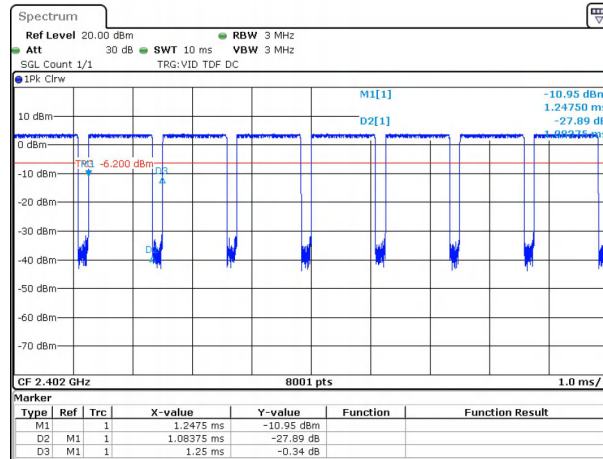
Appendix G: Duty Cycle

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	BLE	2402	1Mbps	ANT1	2.14	2.50	0.86	85.55
2	NTNV	BLE	2440	1Mbps	ANT1	2.14	2.50	0.86	85.55
3	NTNV	BLE	2480	1Mbps	ANT1	2.14	2.50	0.86	85.55
4	NTNV	BLE	2402	2Mbps	ANT1	1.08	1.25	0.87	86.70
5	NTNV	BLE	2440	2Mbps	ANT1	1.08	1.25	0.87	86.70
6	NTNV	BLE	2480	2Mbps	ANT1	1.08	1.25	0.87	86.70

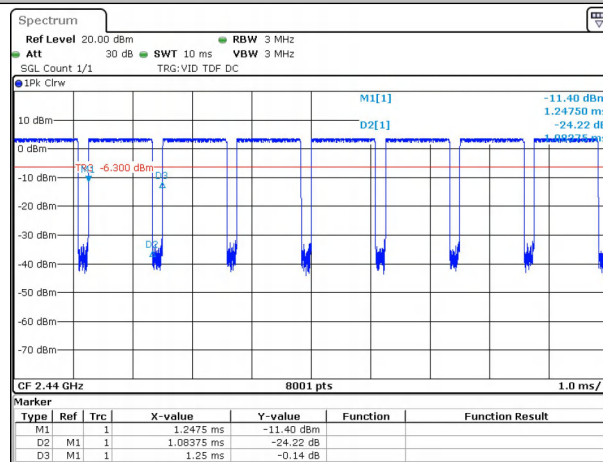
Test Graphs





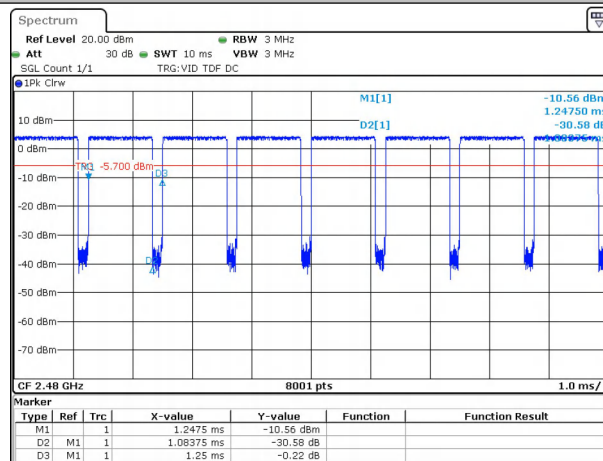
Date: 31.AUG.2026 17:01:50

NTNV_BLE_2440_2Mbps



Date: 31.AUG.2026 17:04:09

NTNV_BLE_2480_2Mbps



Date: 31.AUG.2026 17:06:41