



CQASZ20260701486E-01

Summary

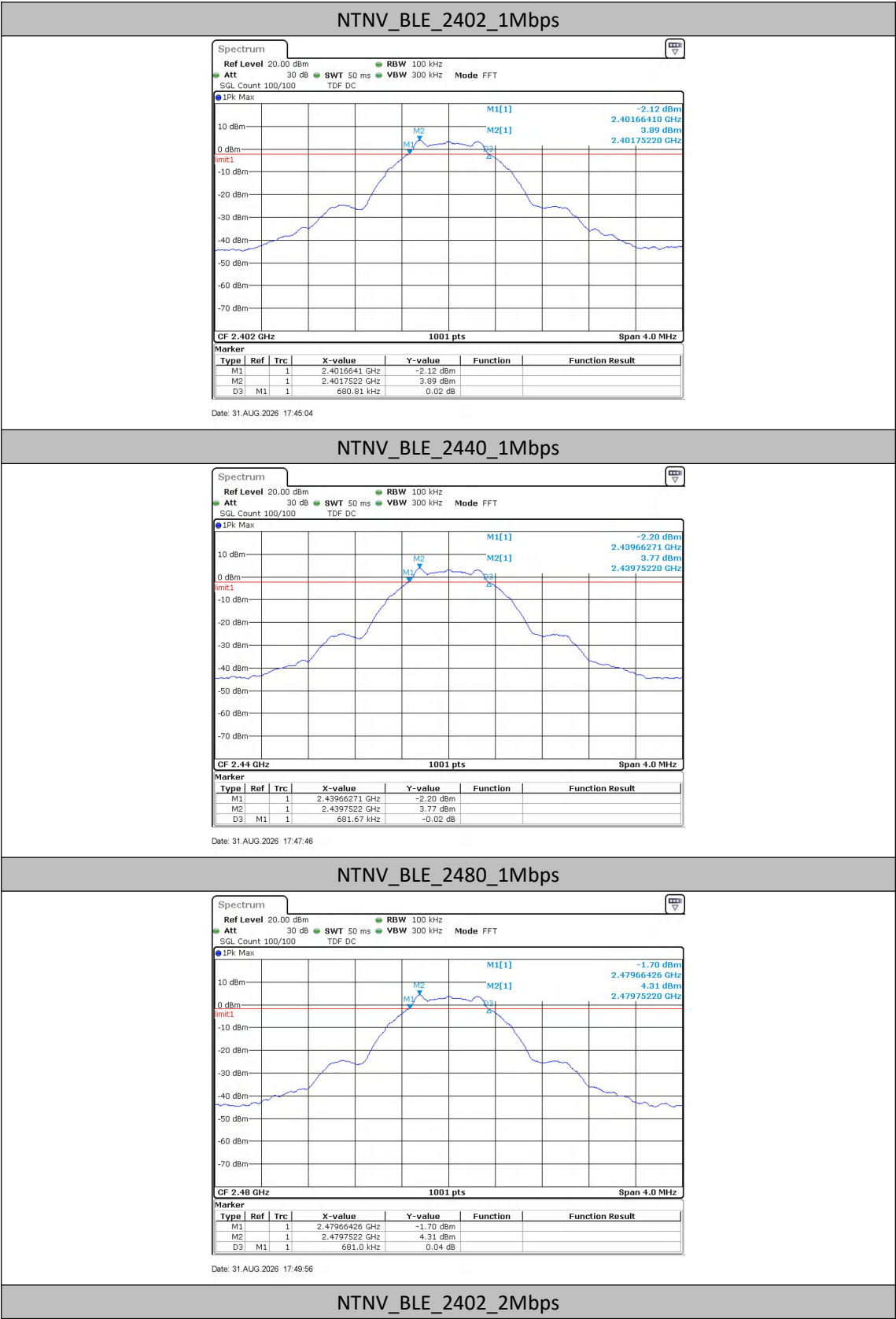
NO.	Item	Verdict
1	DTS Bandwidth	Pass
2	Occupied Channel Bandwidth	Pass
3	Maximum conducted output power	Pass
4	Maximum power spectral density	Pass
5	Band edge measurements	Pass
6	Conducted Spurious Emission	Pass
7	Emissions in Restricted Bands	Pass
8	Duty Cycle	Pass

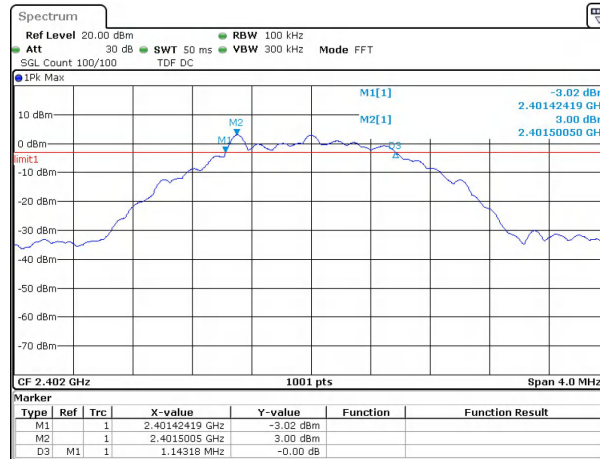
Appendix A: DTS Bandwidth

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	2402.34	≥ 0.5	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	0.68	2439.66	2440.34	≥ 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	2439.42	2440.57	≥ 0.5	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	1.14	2479.42	2480.57	≥ 0.5	Pass

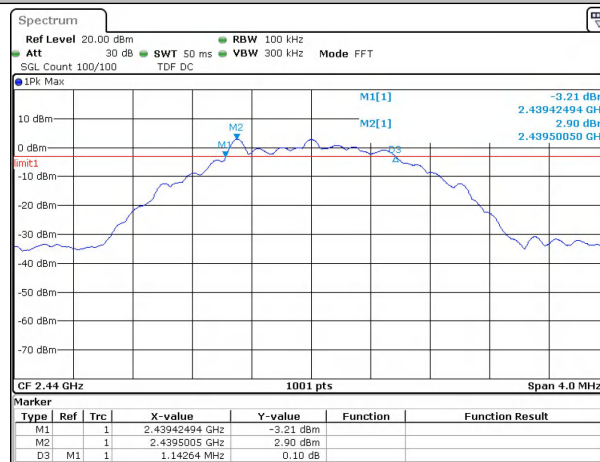
Test Graphs





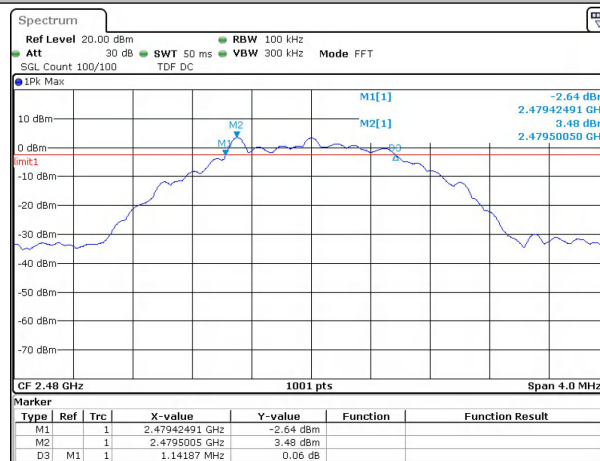
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NTNV_BLE_2440_2Mbps



Date: 31.AUG.2026 17:55.05

NTNV_BLE_2480_2Mbps



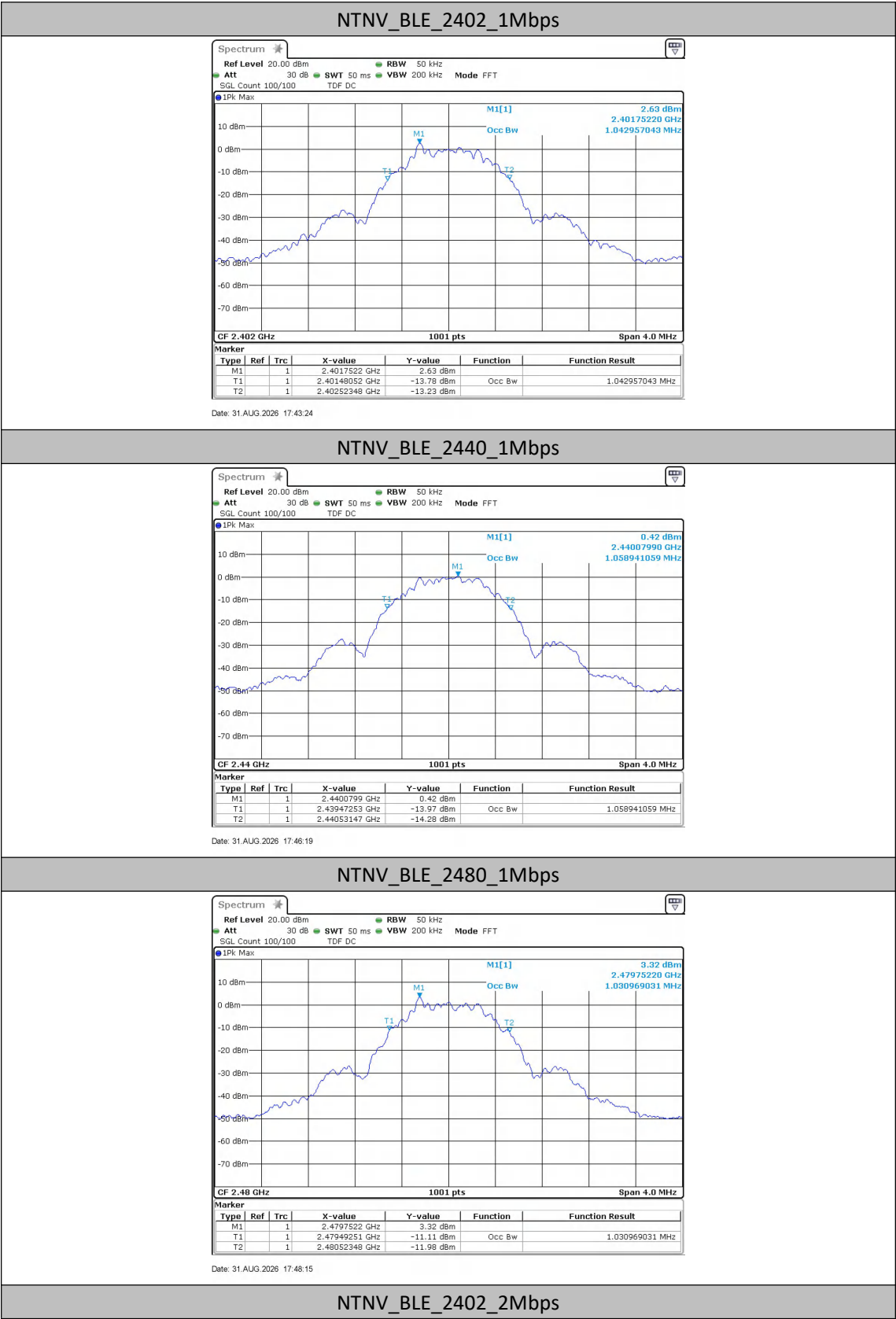
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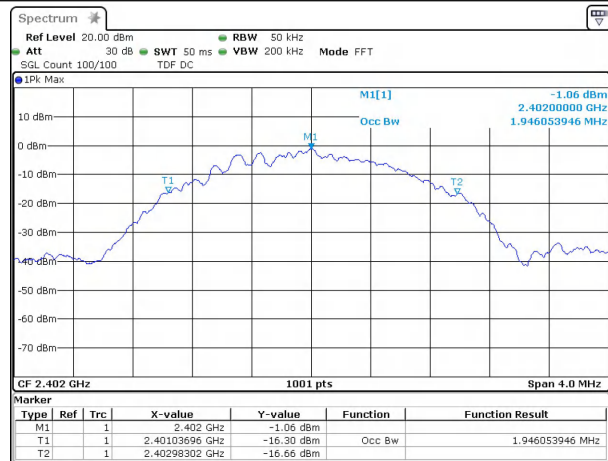
Appendix B: Occupied Channel Bandwidth

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	2402.52	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	1.06	-	2439.47	2440.53	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	1.03	-	2479.49	2480.52	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	1.95	-	2401.04	2402.98	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	1.91	-	2439.05	2440.96	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	1.94	-	2479.04	2480.98	Pass

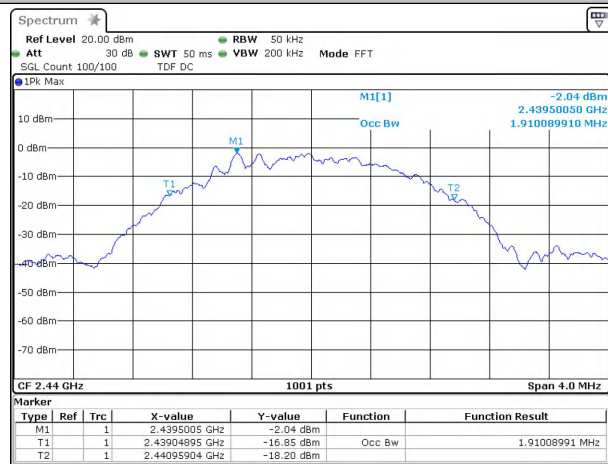
Test Graphs





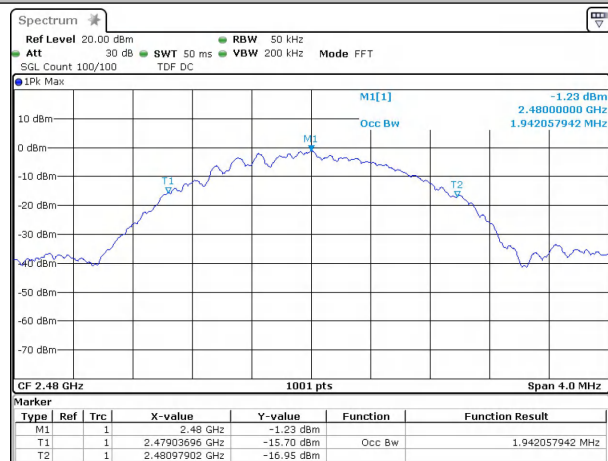
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NTNV_BLE_2440_2Mbps



Date: 31.AUG.2026 17:53:38

NTNV_BLE_2480_2Mbps



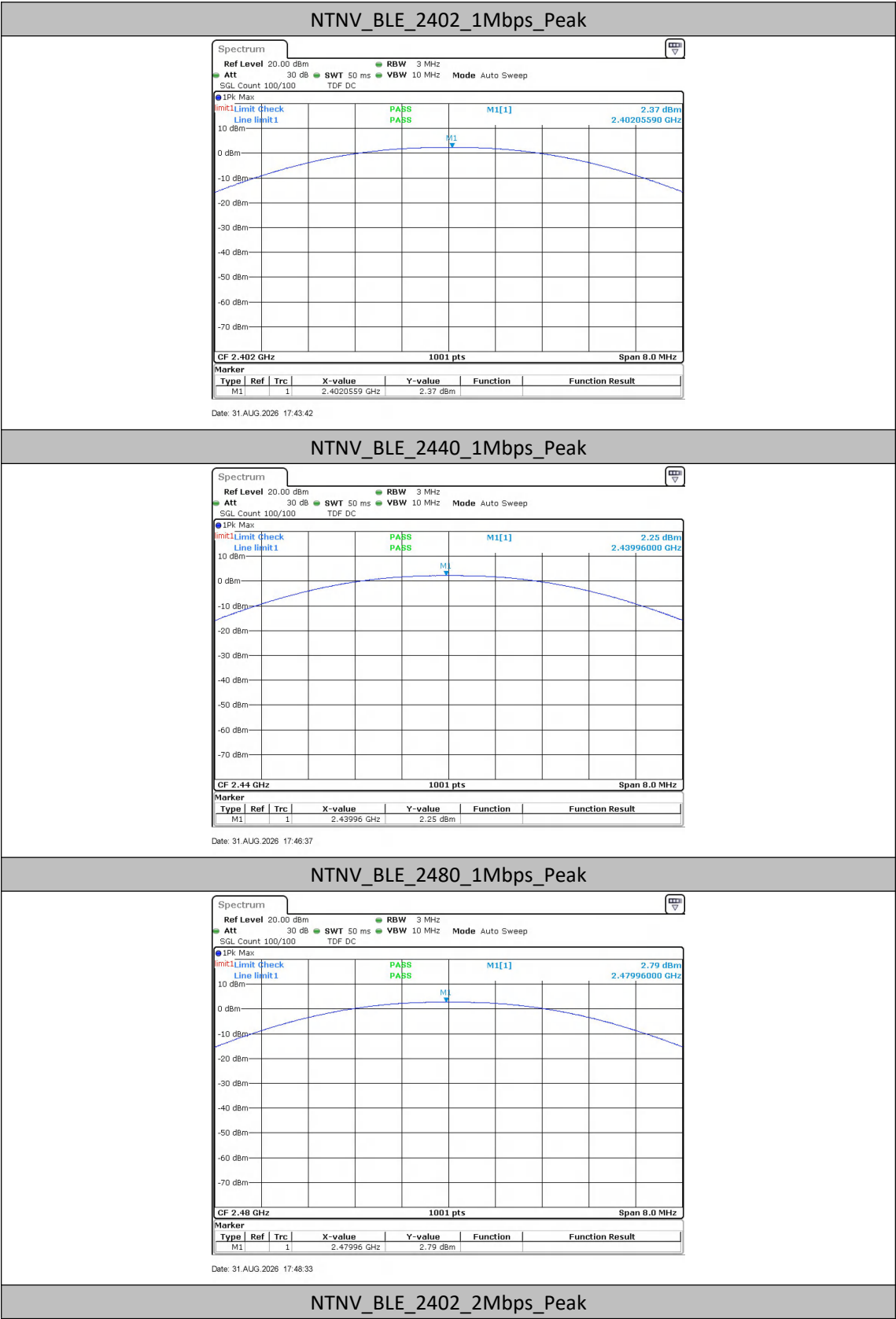
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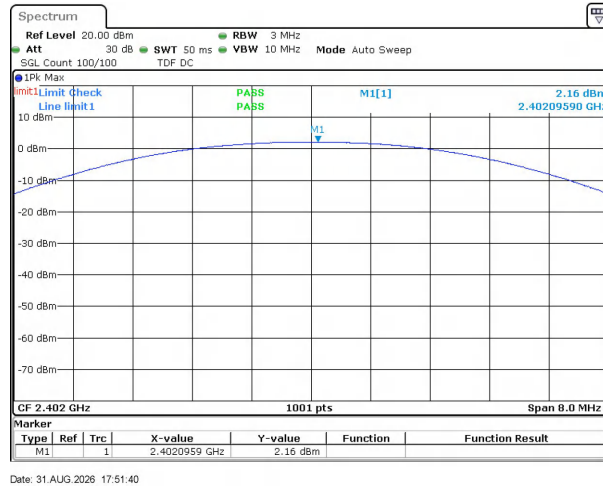
Appendix C: Maximum conducted output power

Test Result

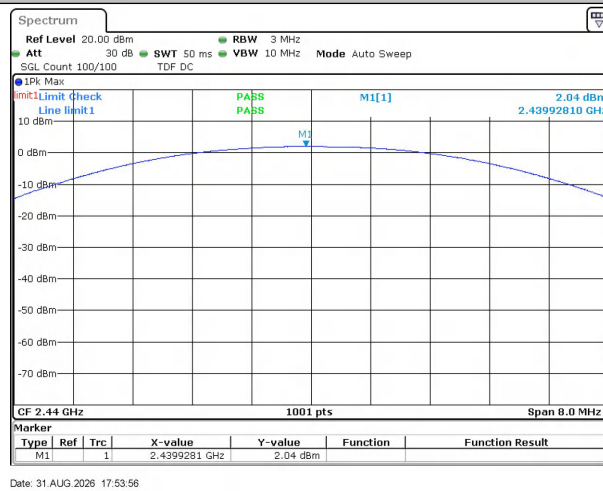
NO.	Test Condition	Test Mode	Freq (MHz)	Detector	Antenna	Conducted Peak Power (dBm)	Conducted Limit (dBm)	Verdict
1	NTNV	BLE	2402	Peak	ANT1	2.37	≤30	Pass
2	NTNV	BLE	2440	Peak	ANT1	2.25	≤30	Pass
3	NTNV	BLE	2480	Peak	ANT1	2.79	≤30	Pass
4	NTNV	BLE	2402	Peak	ANT1	2.16	≤30	Pass
5	NTNV	BLE	2440	Peak	ANT1	2.04	≤30	Pass
6	NTNV	BLE	2480	Peak	ANT1	2.57	≤30	Pass

Test Graphs

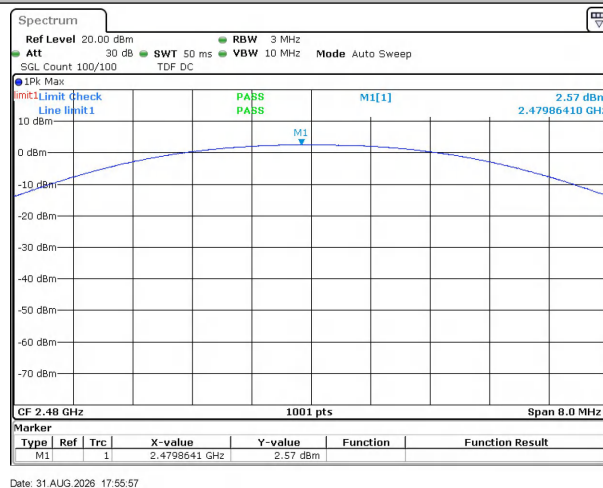




NTNV_BLE_2440_2Mbps_Peak



NTNV_BLE_2480_2Mbps_Peak



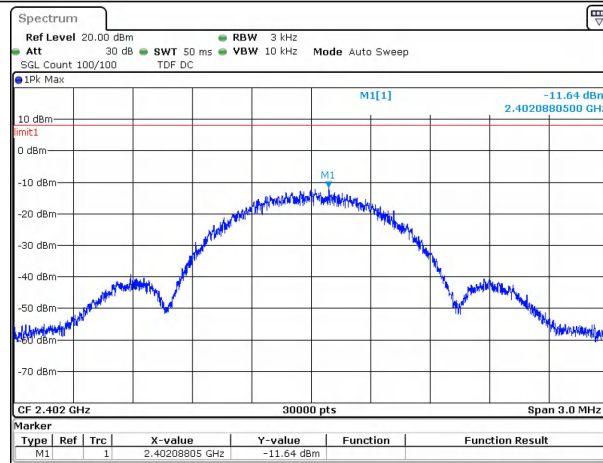
Appendix D: Maximum power spectral density

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	-11.64	≤ 8	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	-11.86	≤ 8	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	-11.26	≤ 8	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	-15.03	≤ 8	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	-15.18	≤ 8	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	-14.41	≤ 8	Pass

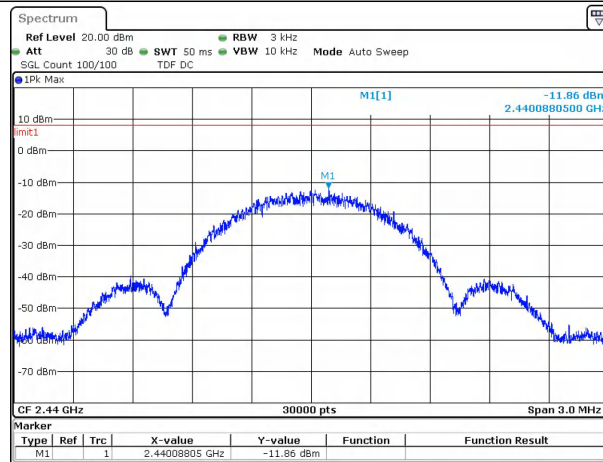
Test Graphs

NTNV_BLE_2402_1Mbps



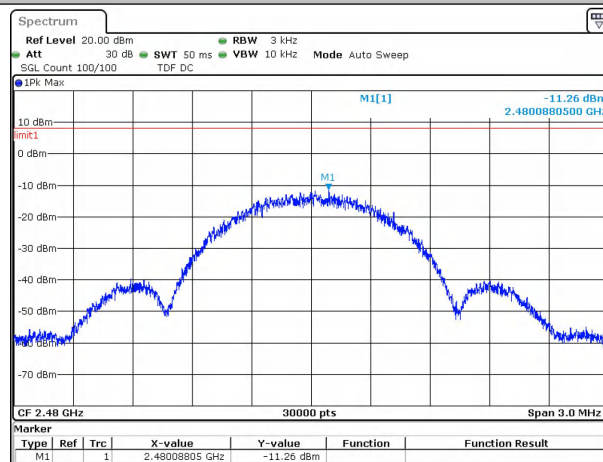
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NTNV_BLE_2440_1Mbps



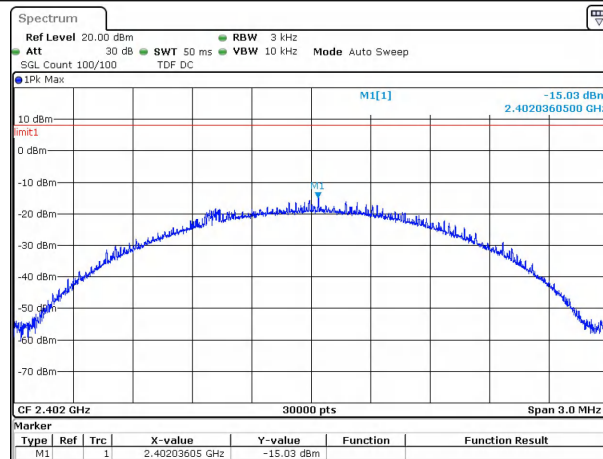
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NTNV_BLE_2480_1Mbps



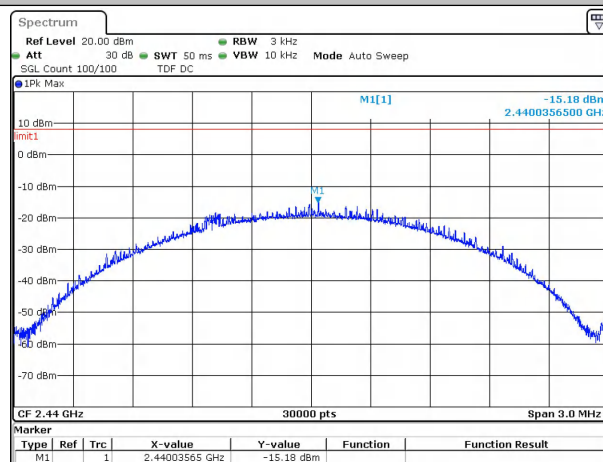
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NTNV_BLE_2402_2Mbps



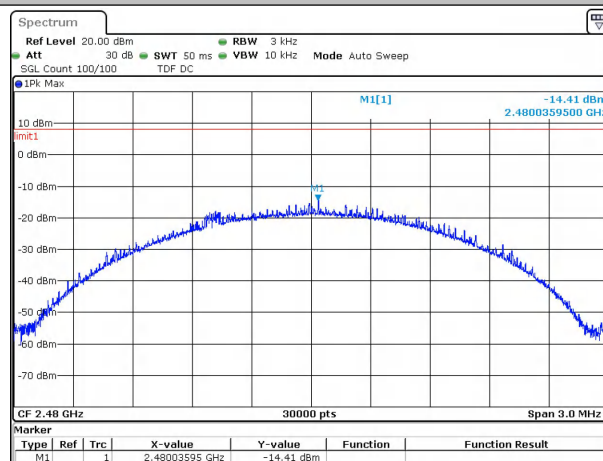
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NTNV_BLE_2440_2Mbps



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NTNV_BLE_2480_2Mbps



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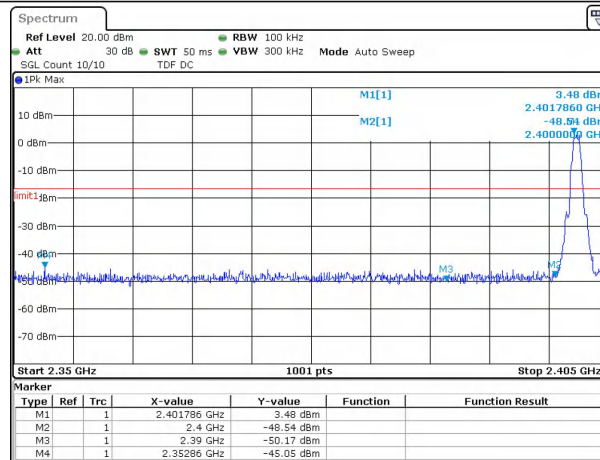
Appendix E: Band edge measurements

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	3.48	-45.05	≤ -16.52	Pass
2	NTNV	BLE	2480	1Mbps	ANT1	3.33	-45.73	≤ -16.67	Pass
3	NTNV	BLE	2402	2Mbps	ANT1	2.34	-37.46	≤ -17.66	Pass
4	NTNV	BLE	2480	2Mbps	ANT1	1.04	-44.85	≤ -18.96	Pass

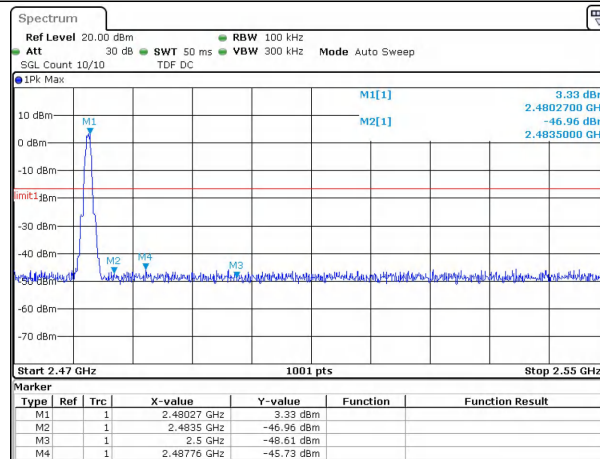
Test Graphs

NTNV_BLE_2402_1Mbps



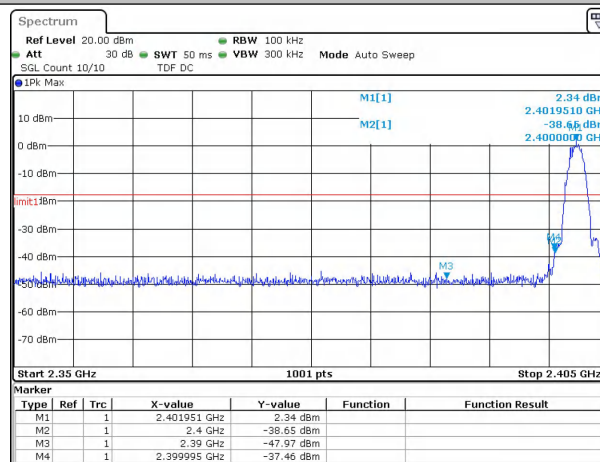
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NTNV_BLE_2480_1Mbps



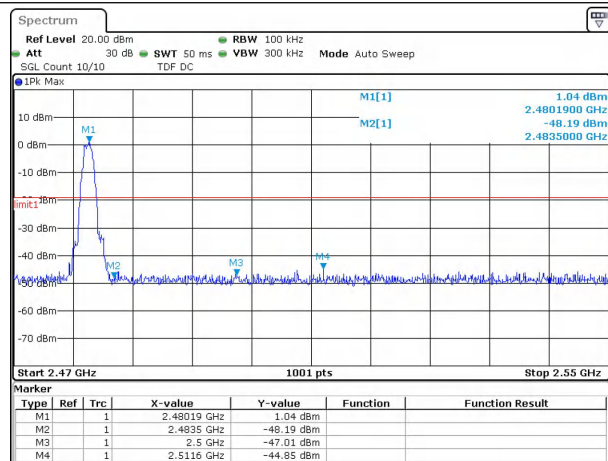
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NTNV_BLE_2402_2Mbps



Date: 31.AUG.2026 17:51:44

NTNV_BLE_2480_2Mbps



Date: 31.AUG.2026 17:56:01

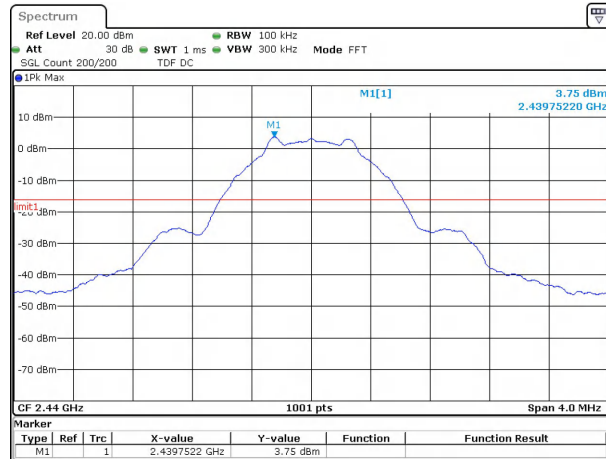
Appendix F: Conducted Spurious Emission

Test Result

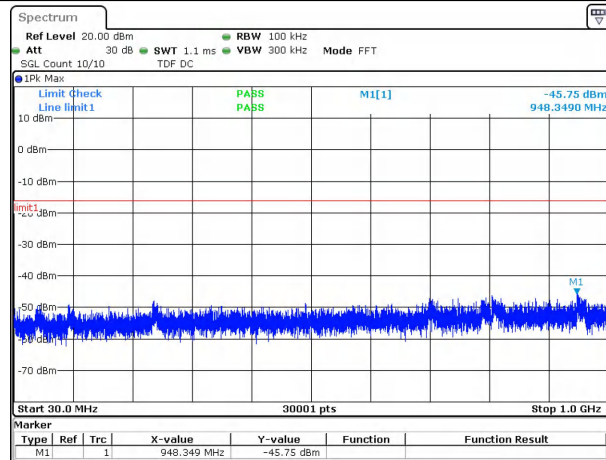
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Frequency Range (MHz)	Ref Level (MHz)	Max Power (dBm)	Limit (dBm)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	Reference	0.1	3.9	/	/
						30~1000	0.1	-45.91	≤-16.10	Pass
						1000~26500	0.1	-35.05	≤-16.10	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	Reference	0.1	3.75	/	/
						30~1000	0.1	-45.75	≤-16.25	Pass
						1000~26500	0.1	-33.08	≤-16.25	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	Reference	0.1	4.32	/	/
						30~1000	0.1	-45.38	≤-15.68	Pass
						1000~26500	0.1	-34.12	≤-15.68	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	Reference	0.1	2.99	/	/
						30~1000	0.1	-44.70	≤-17.01	Pass
						1000~26500	0.1	-34.27	≤-17.01	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	Reference	0.1	2.88	/	/
						30~1000	0.1	-45.35	≤-17.12	Pass
						1000~26500	0.1	-34.56	≤-17.12	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	Reference	0.1	3.47	/	/
						30~1000	0.1	-45.62	≤-16.53	Pass
						1000~26500	0.1	-34.99	≤-16.53	Pass

NTNV_BLE_2402_1Mbps

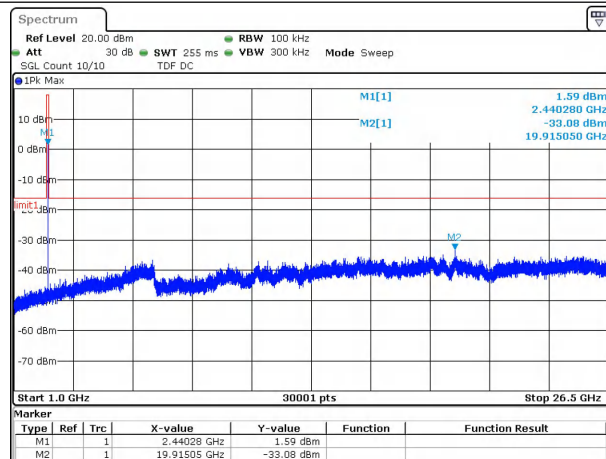




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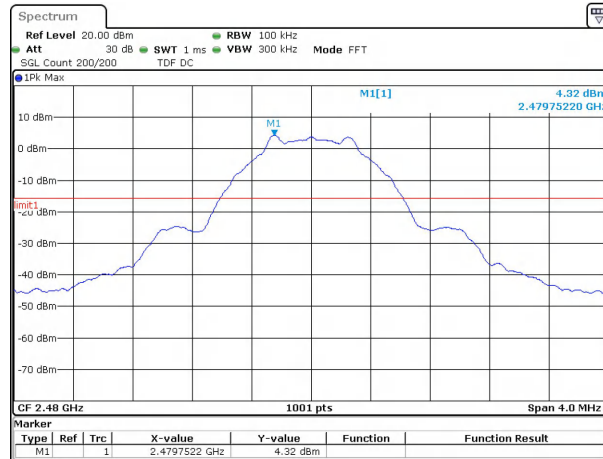


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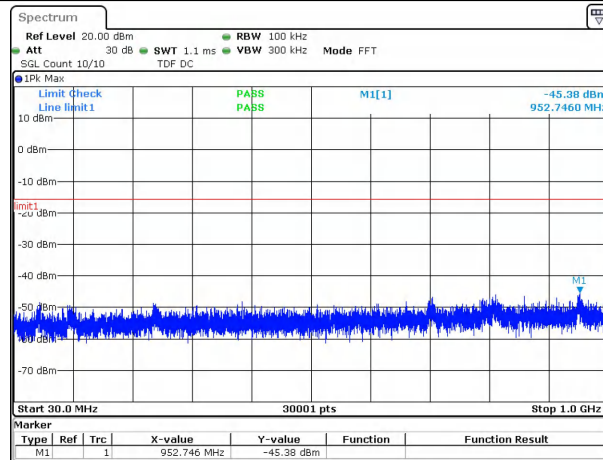


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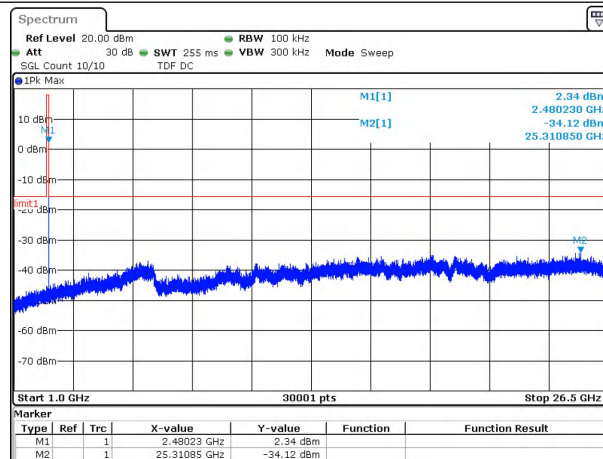
NTNV_BLE_2480_1Mbps



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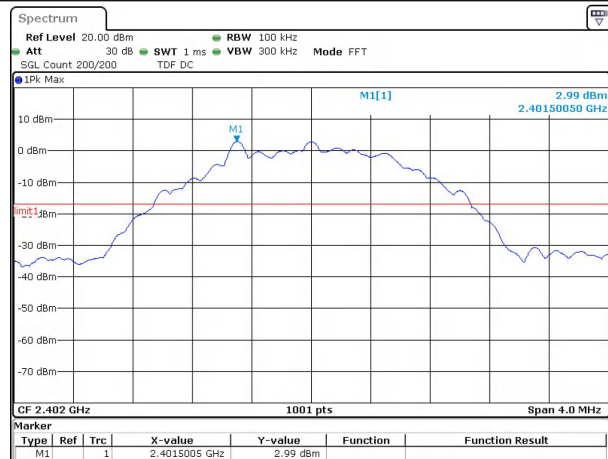


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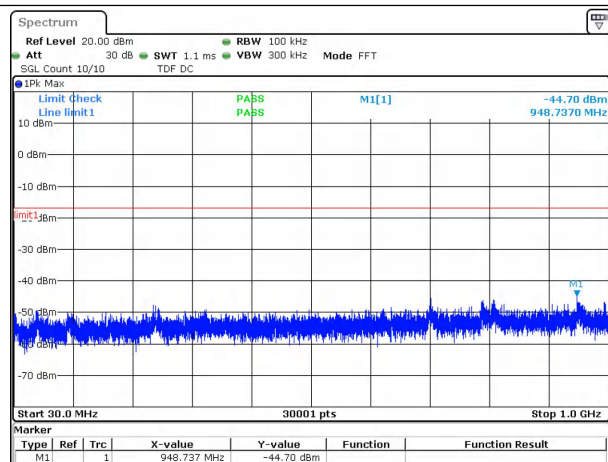


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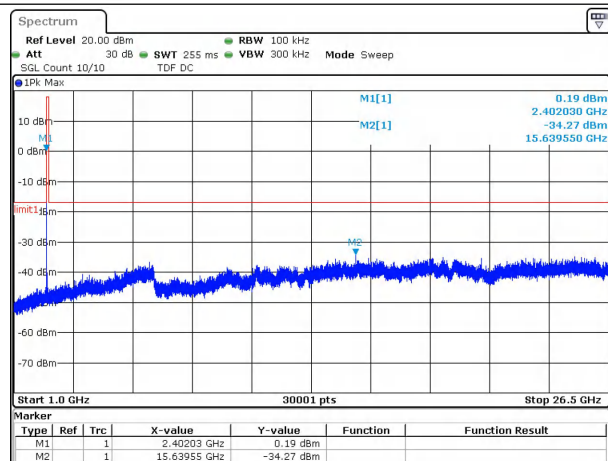
NTNV_BLE_2402_2Mbps



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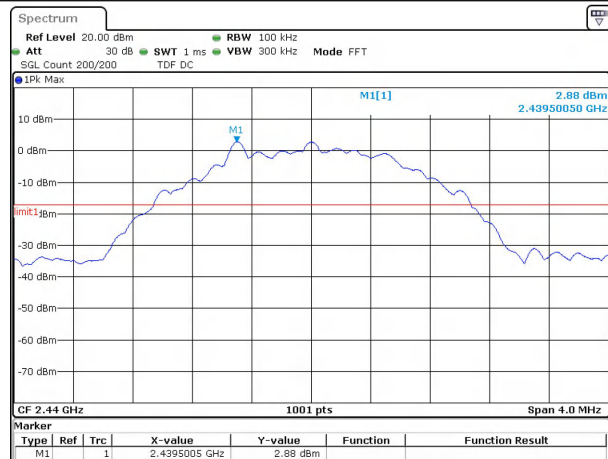


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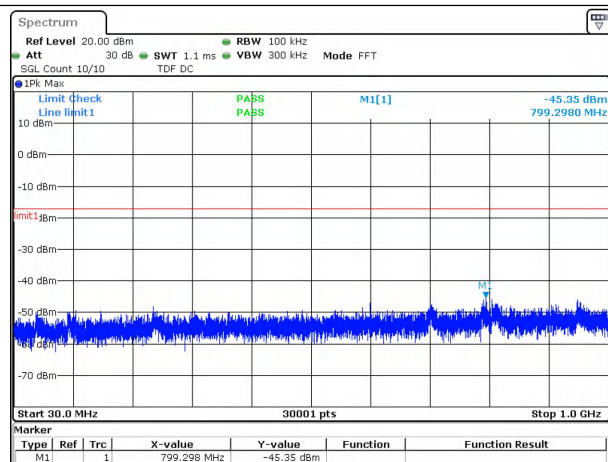


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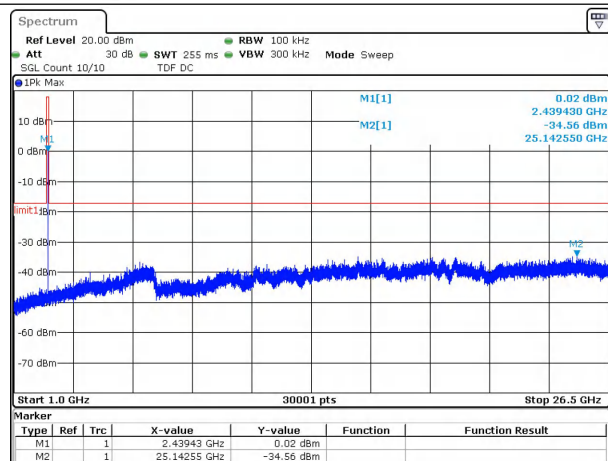
NTNV_BLE_2440_2Mbps



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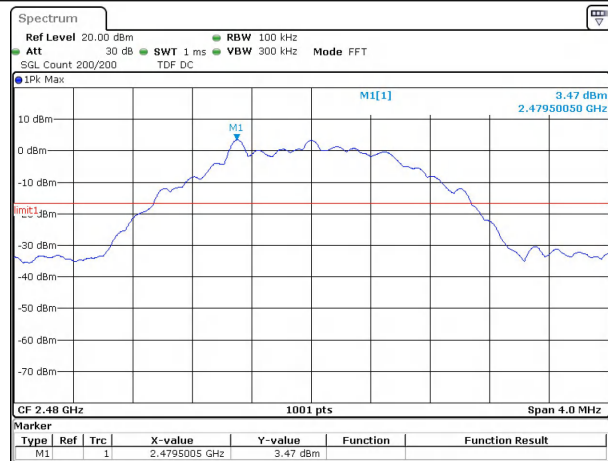


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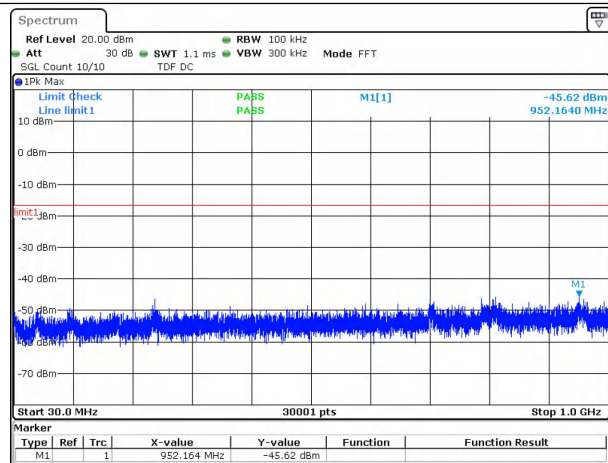


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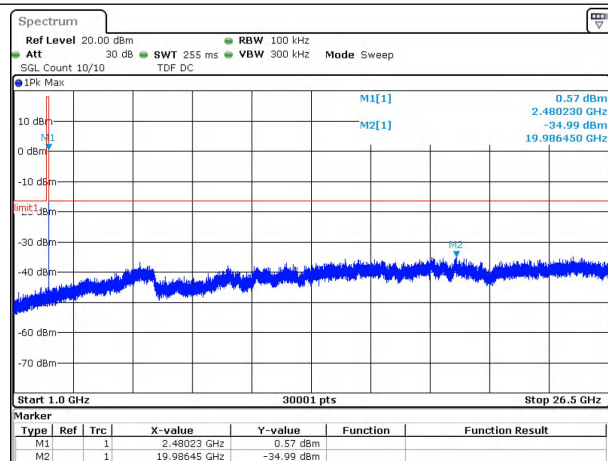
NTNV_BLE_2480_2Mbps



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Date: 31.AUG.2026 17:56:13



Date: 31.AUG.2026 17:56:27

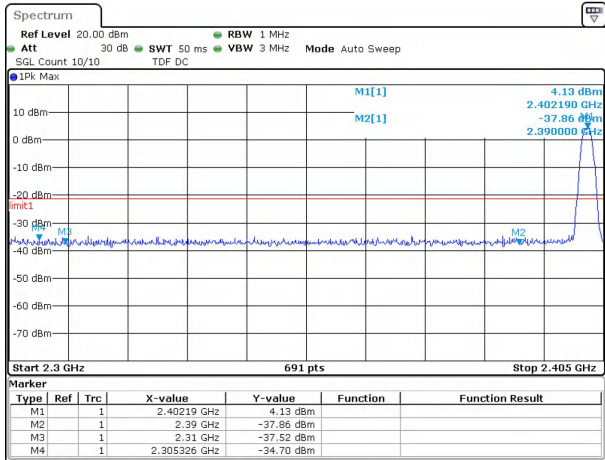
Appendix G: Emissions in Restricted Bands

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	-37.86	-21.20	57.34	74.00	Pass
							Peak	2310.00	-37.52	-21.20	57.68	74.00	Pass
							Peak	2305.33	-34.70	-21.20	60.50	74.00	Pass
2	NTNV	BLE	2402	1Mbps	2	ANT1	AV	2390.00	-58.02	-41.20	37.18	54.00	Pass
							AV	2310.00	-58.39	-41.20	36.81	54.00	Pass
							AV	2340.63	-56.17	-41.20	39.03	54.00	Pass
3	NTNV	BLE	2480	1Mbps	2	ANT1	Peak	2483.50	-36.39	-21.20	58.81	74.00	Pass
							Peak	2500.00	-37.47	-21.20	57.73	74.00	Pass
							Peak	2491.91	-34.24	-21.20	60.96	74.00	Pass
4	NTNV	BLE	2480	1Mbps	2	ANT1	AV	2483.50	-56.65	-41.20	38.55	54.00	Pass
							AV	2500.00	-57.87	-41.20	37.33	54.00	Pass
							AV	2512.32	-55.57	-41.20	39.63	54.00	Pass
5	NTNV	BLE	2402	2Mbps	2	ANT1	Peak	2390.00	-37.30	-21.20	57.90	74.00	Pass
							Peak	2310.00	-37.50	-21.20	57.70	74.00	Pass
							Peak	2314.30	-34.64	-21.20	60.56	74.00	Pass
6	NTNV	BLE	2402	2Mbps	2	ANT1	AV	2390.00	-57.84	-41.20	37.36	54.00	Pass
							AV	2310.00	-58.41	-41.20	36.79	54.00	Pass
							AV	2340.02	-56.05	-41.20	39.15	54.00	Pass
7	NTNV	BLE	2480	2Mbps	2	ANT1	Peak	2483.50	-35.64	-21.20	59.56	74.00	Pass
							Peak	2500.00	-36.64	-21.20	58.56	74.00	Pass
							Peak	2506.41	-34.57	-21.20	60.63	74.00	Pass
8	NTNV	BLE	2480	2Mbps	2	ANT1	AV	2483.50	-55.75	-41.20	39.45	54.00	Pass
							AV	2500.00	-57.86	-41.20	37.34	54.00	Pass
							AV	2511.39	-55.56	-41.20	39.64	54.00	Pass

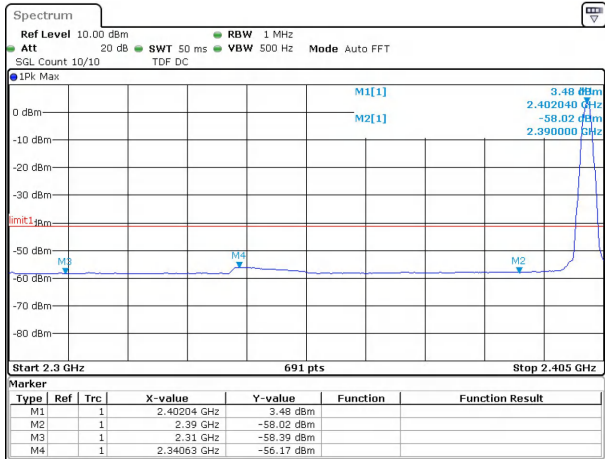
Test Graphs

NTNV_BLE_2402_1Mbps_Peak



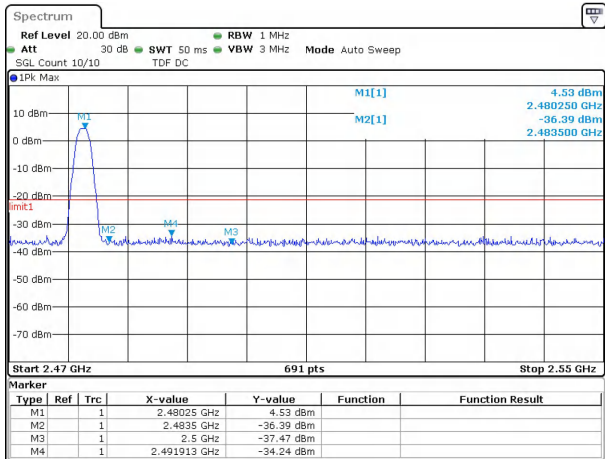
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NTNV_BLE_2402_1Mbps_AV



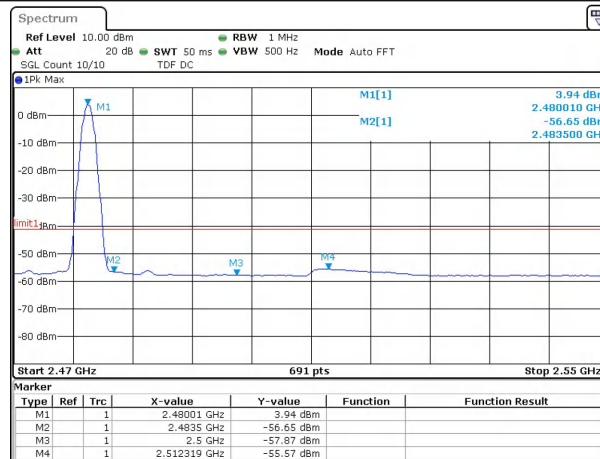
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NTNV_BLE_2480_1Mbps_Peak



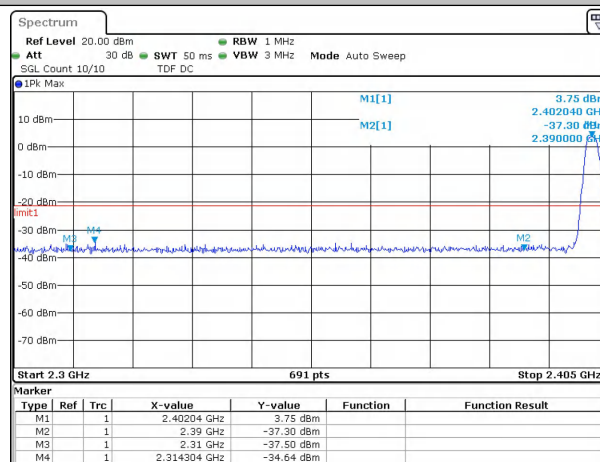
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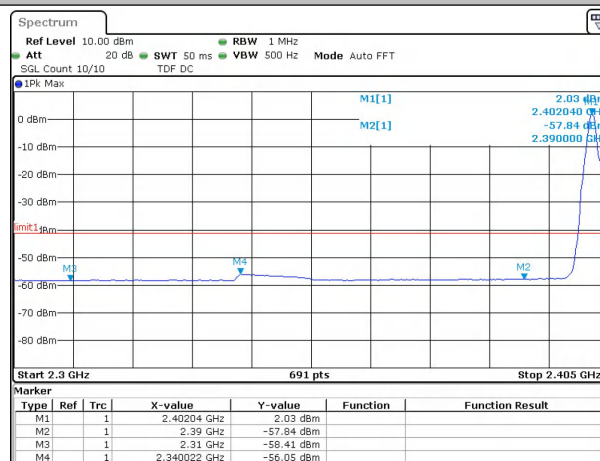
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NTNV_BLE_2402_2Mbps_Peak



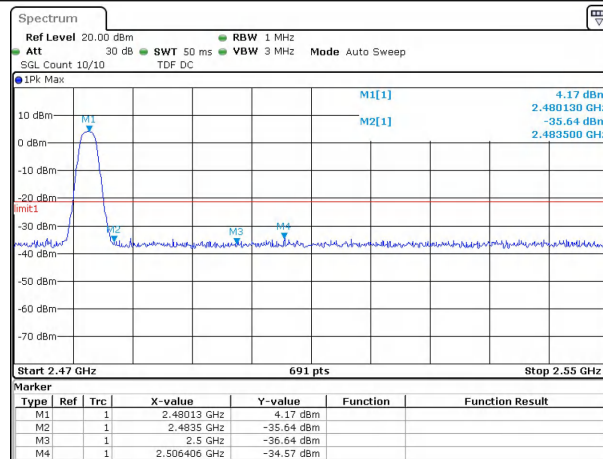
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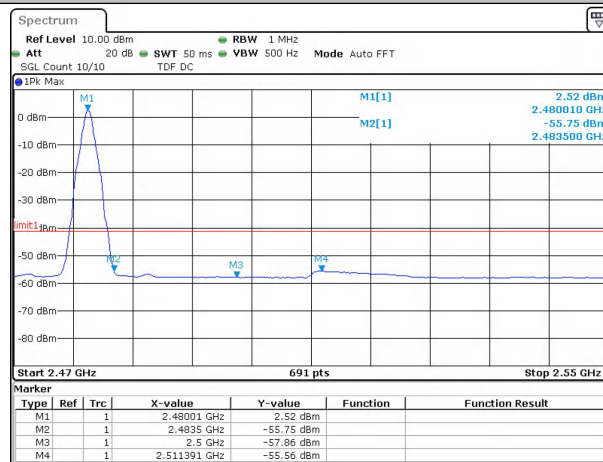
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NTNV_BLE_2480_2Mbps_Peak



Date: 31.AUG.2026 17:56:42

NTNV_BLE_2480_2Mbps_AV



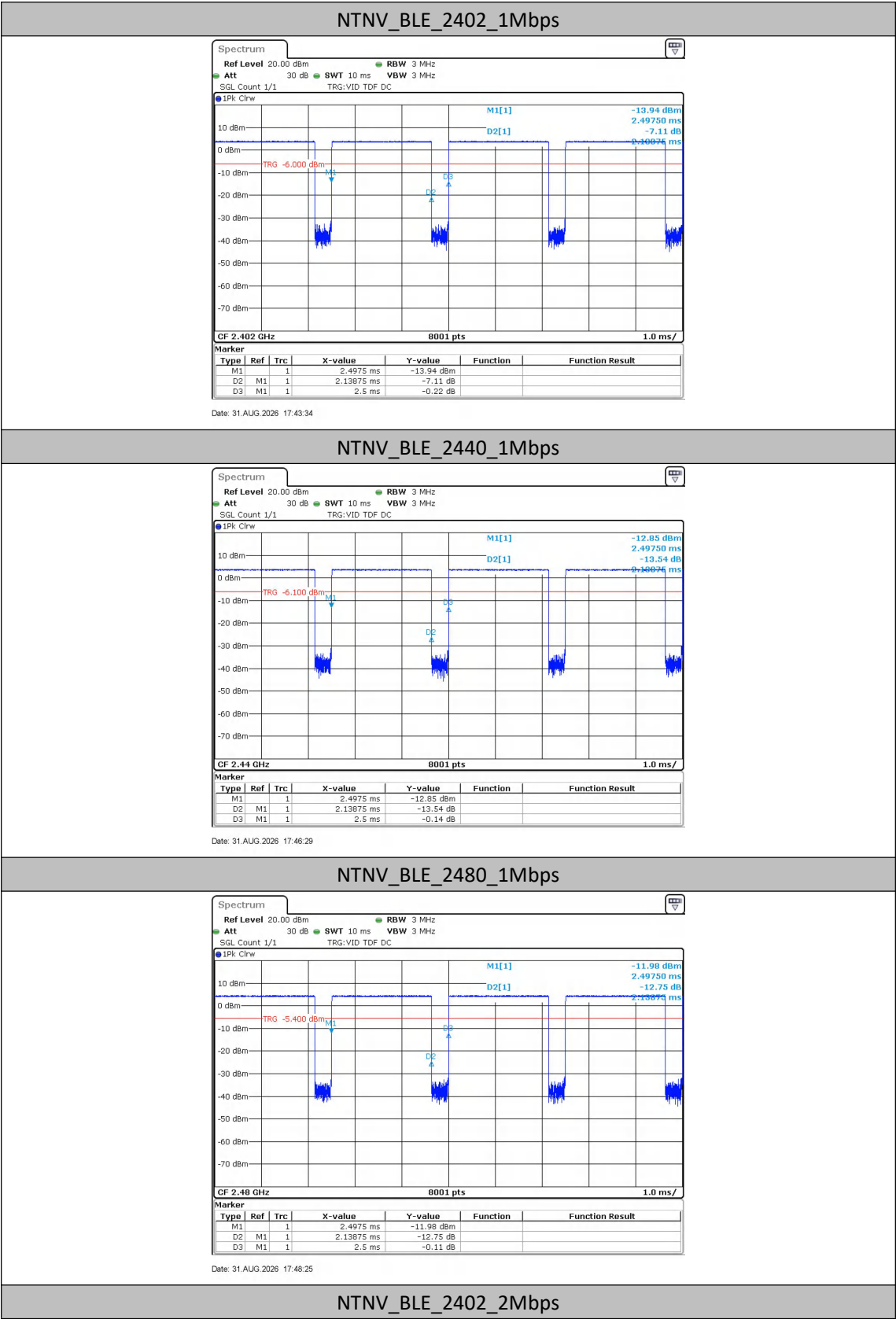
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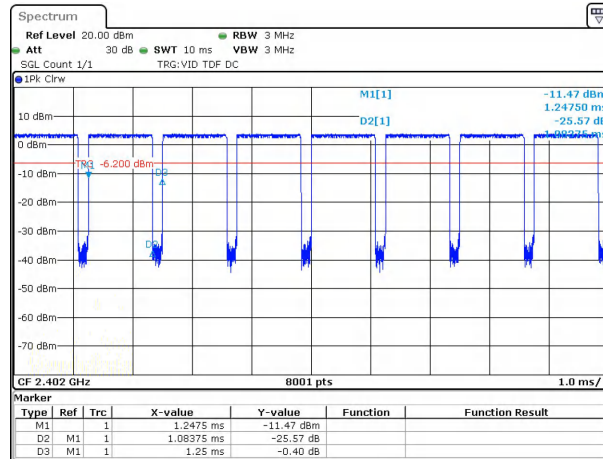
Appendix G: Duty Cycle

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

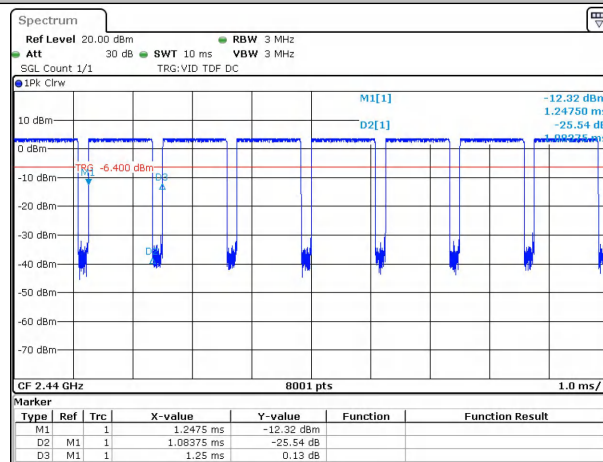
Test Graphs





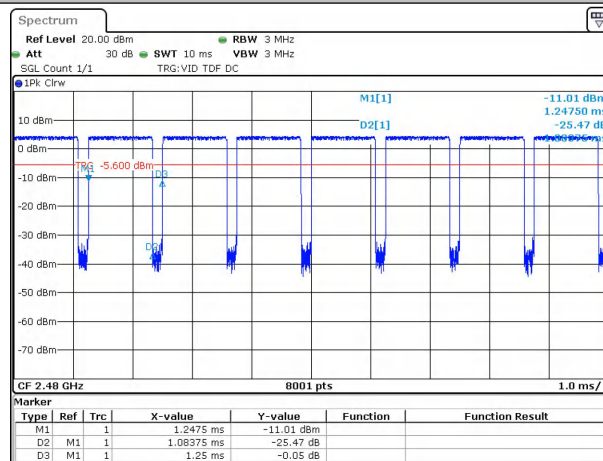
Date: 31.AUG.2026 17:51:32

NTNV_BLE_2440_2Mbps



Date: 31.AUG.2026 17:53:48

NTNV_BLE_2480_2Mbps



Date: 31.AUG.2026 17:55:49