



CQASZ20260801799E-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	Duty Cycle	Pass

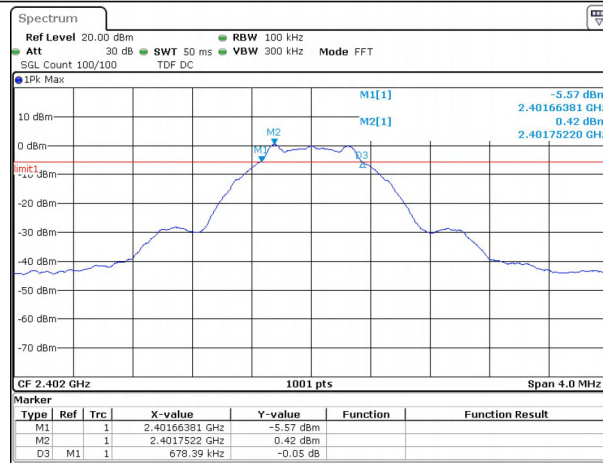
Appendix A: DTS Bandwidth

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	2480.34	≥ 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

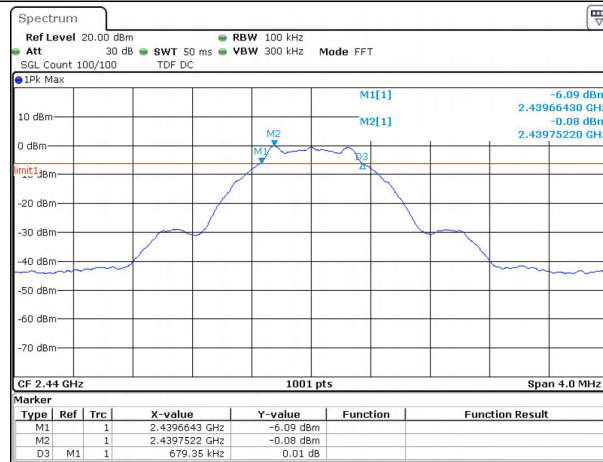
Test Graphs

NTNV_BLE_2402_1Mbps



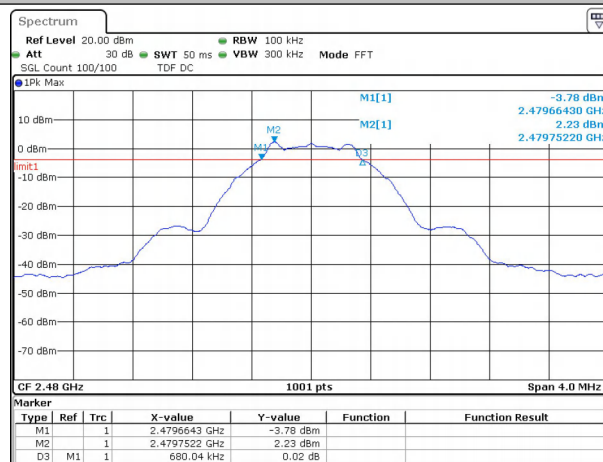
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NTNV_BLE_2440_1Mbps



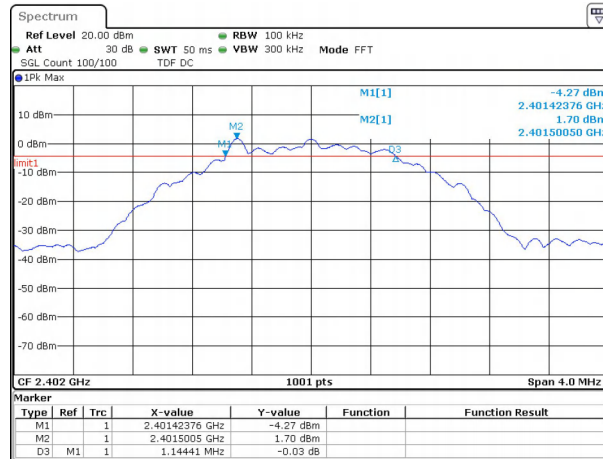
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NTNV_BLE_2480_1Mbps



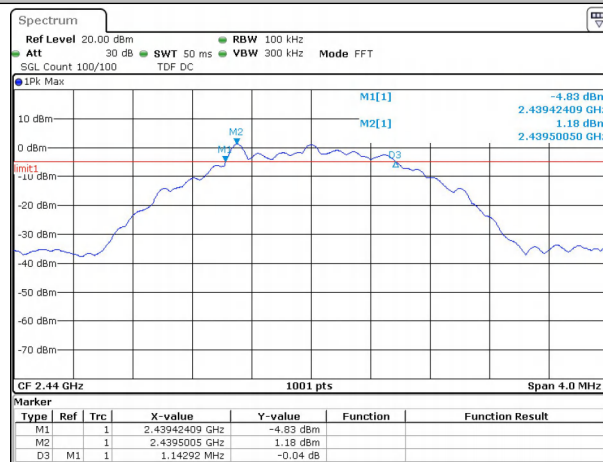
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NTNV_BLE_2402_2Mbps



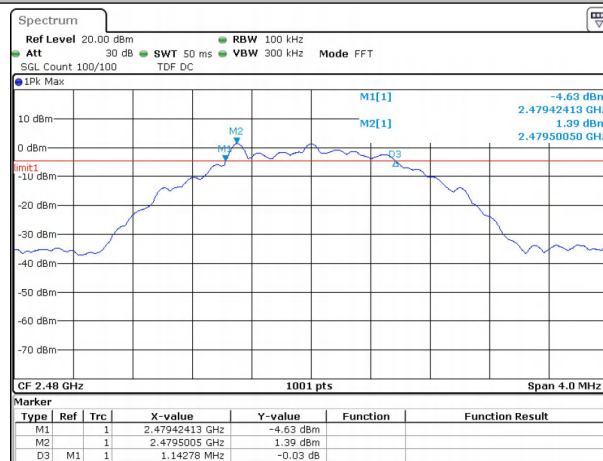
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NTNV_BLE_2440_2Mbps



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NTNV_BLE_2480_2Mbps



Date: 26.AUG.2026 12:55:28

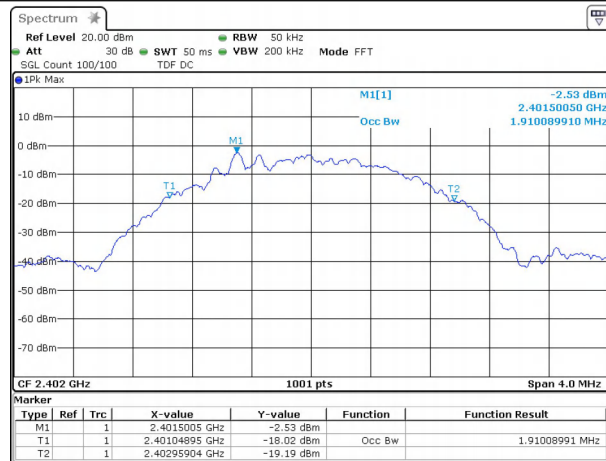
Appendix B: Occupied Channel Bandwidth

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	1.07	-	2401.47	2402.54	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	1.06	-	2439.47	2440.54	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	1.04	-	2479.48	2480.53	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	1.91	-	2401.05	2402.96	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	1.90	-	2439.06	2440.96	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	1.91	-	2479.05	2480.96	Pass

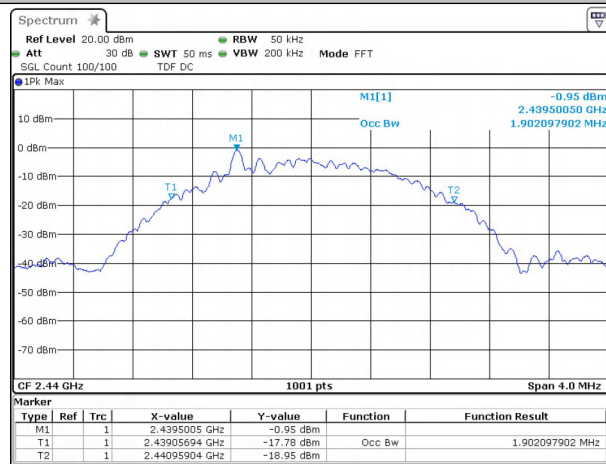
Test Graphs





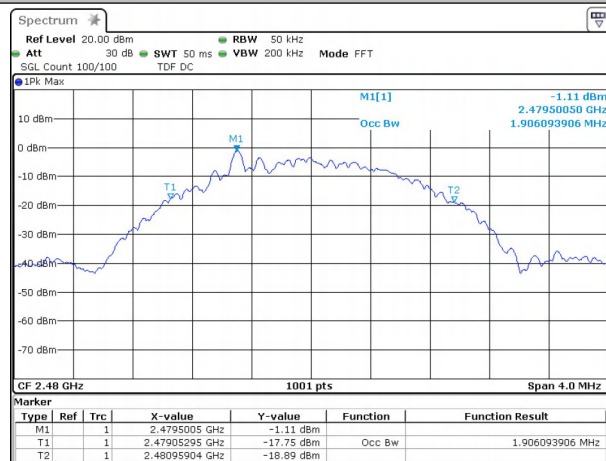
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NTNV_BLE_2440_2Mbps



Date: 26 AUG 2026 12:50:19

NTNV_BLE_2480_2Mbps



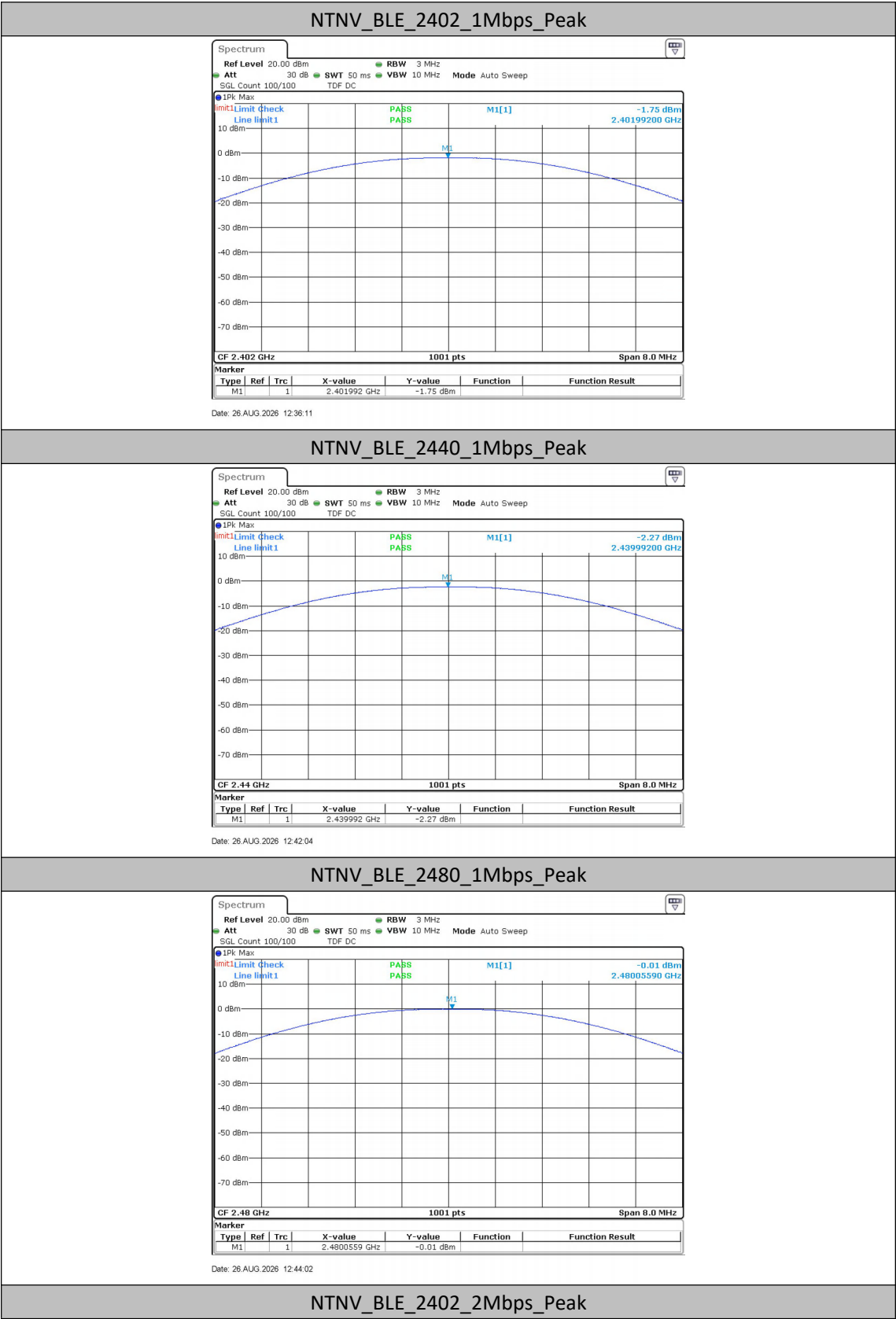
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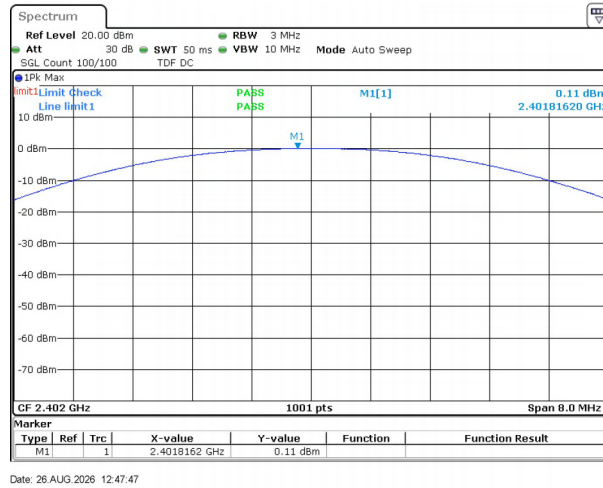
Appendix C: Maximum conducted output power

Test Result

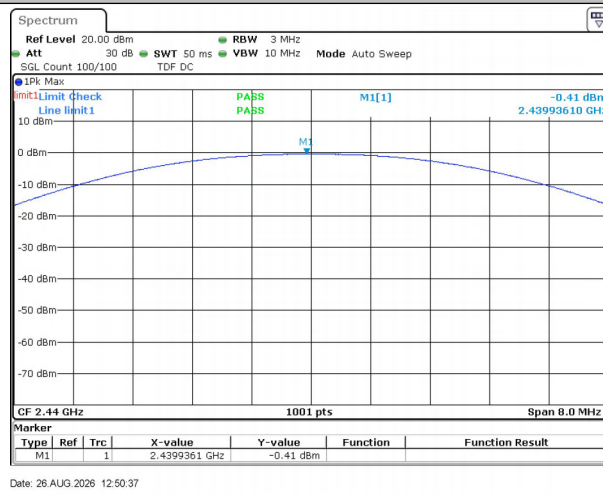
NO.	Test Condition	Test Mode	Freq (MHz)	Detector	Antenna	Conducted Peak Power (dBm)	Conducted Limit (dBm)	Verdict
1	NTNV	BLE	2402	Peak	ANT1	-1.75	≤30	Pass
2	NTNV	BLE	2440	Peak	ANT1	-2.27	≤30	Pass
3	NTNV	BLE	2480	Peak	ANT1	-0.01	≤30	Pass
4	NTNV	BLE	2402	Peak	ANT1	0.11	≤30	Pass
5	NTNV	BLE	2440	Peak	ANT1	-0.41	≤30	Pass
6	NTNV	BLE	2480	Peak	ANT1	-0.20	≤30	Pass

Test Graphs

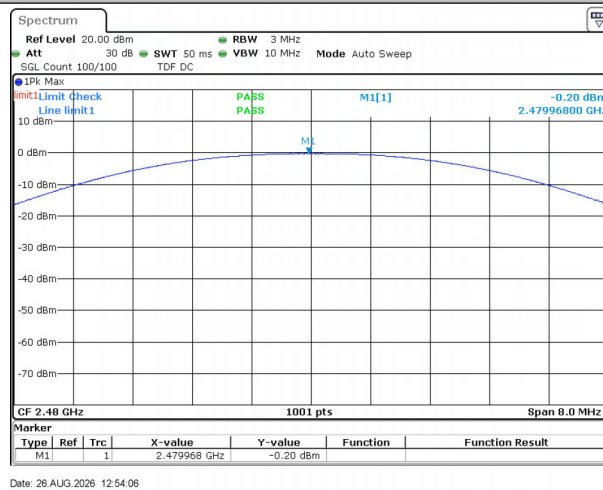




NTNV_BLE_2440_2Mbps_Peak



NTNV_BLE_2480_2Mbps_Peak

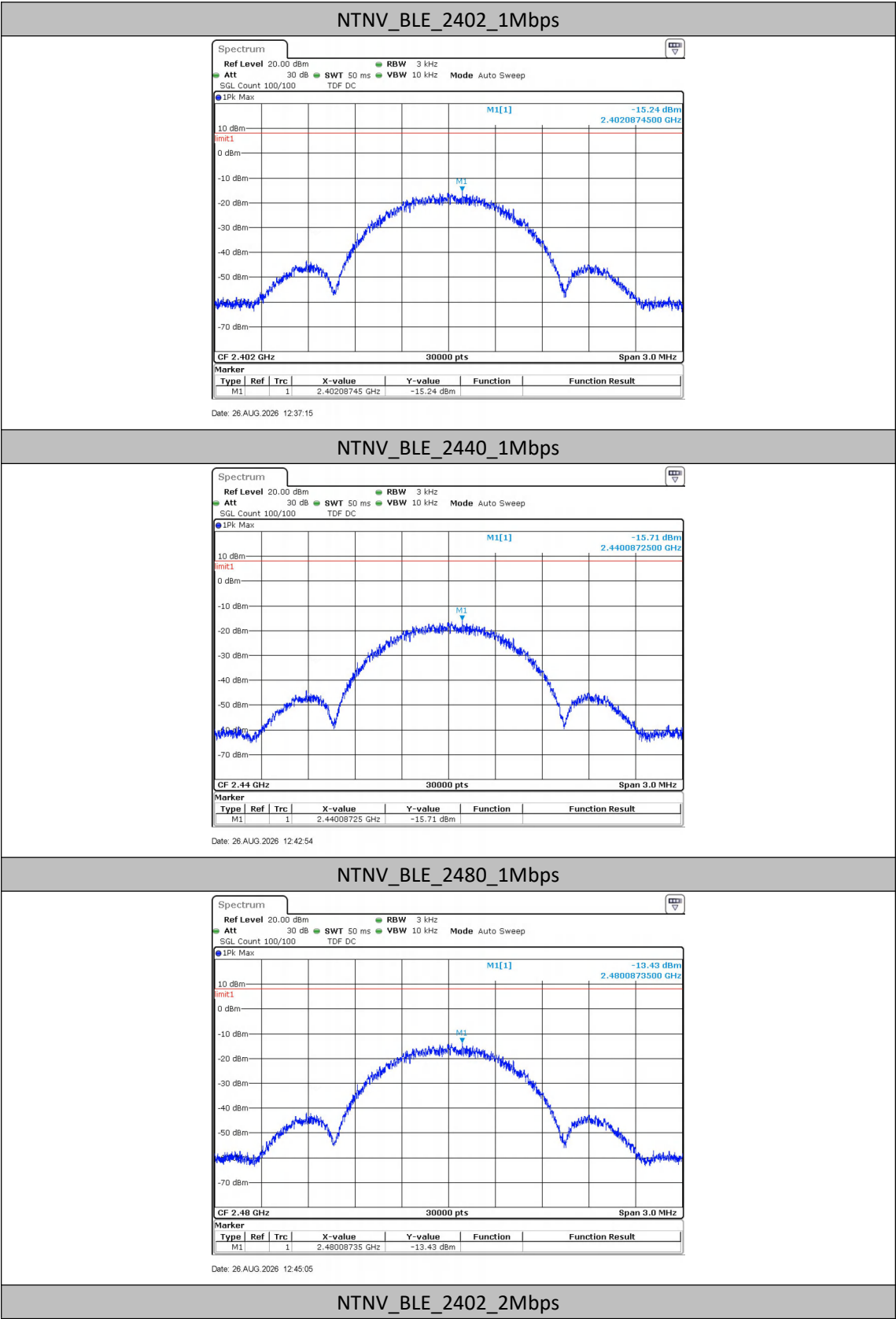


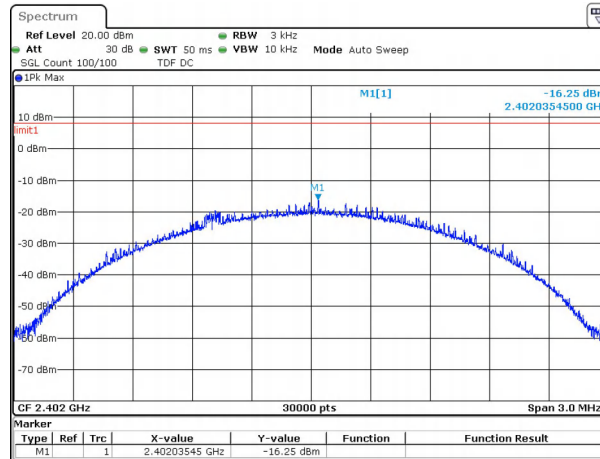
Appendix D: Maximum power spectral density

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	-15.24	≤ 8	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	-15.71	≤ 8	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	-13.43	≤ 8	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	-16.25	≤ 8	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	-16.86	≤ 8	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	-16.56	≤ 8	Pass

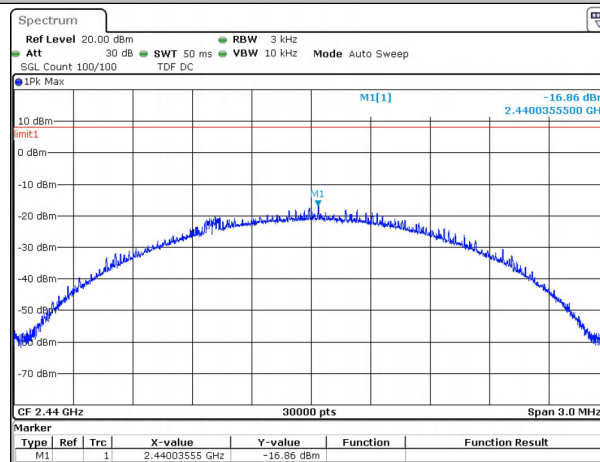
Test Graphs





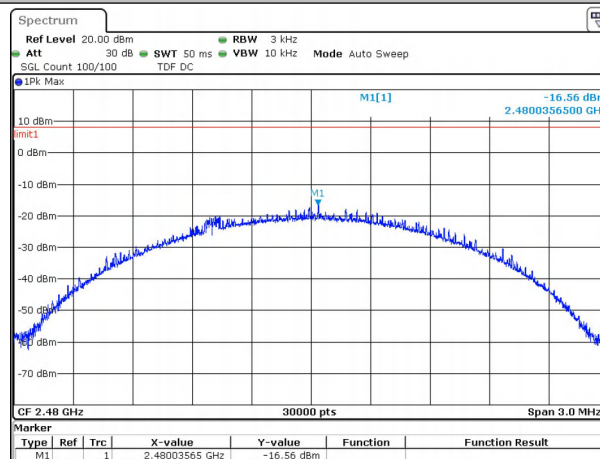
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NTNV_BLE_2440_2Mbps



Date: 26 AUG.2026 12:51:27

NTNV_BLE_2480_2Mbps



Date: 26 AUG.2026 12:55:10

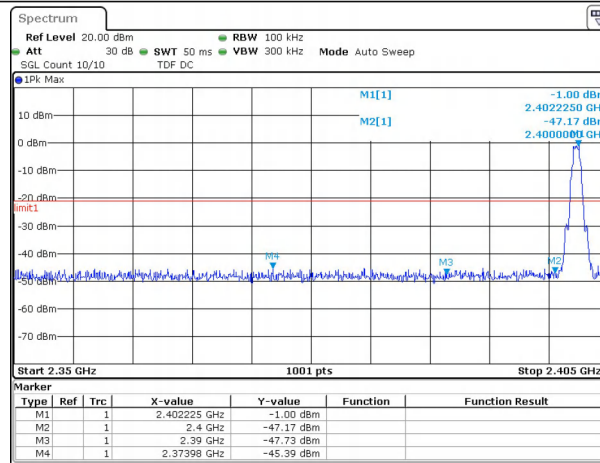
Appendix E: Band edge measurements

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	-1	-45.39	≤ -21	Pass
2	NTNV	BLE	2480	1Mbps	ANT1	0.86	-43.13	≤ -19.14	Pass
3	NTNV	BLE	2402	2Mbps	ANT1	0.67	-40.11	≤ -19.33	Pass
4	NTNV	BLE	2480	2Mbps	ANT1	-1.16	-44.76	≤ -21.16	Pass

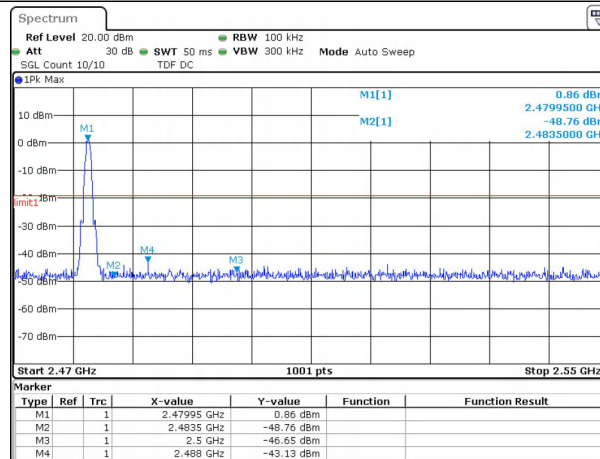
Test Graphs

NTNV_BLE_2402_1Mbps



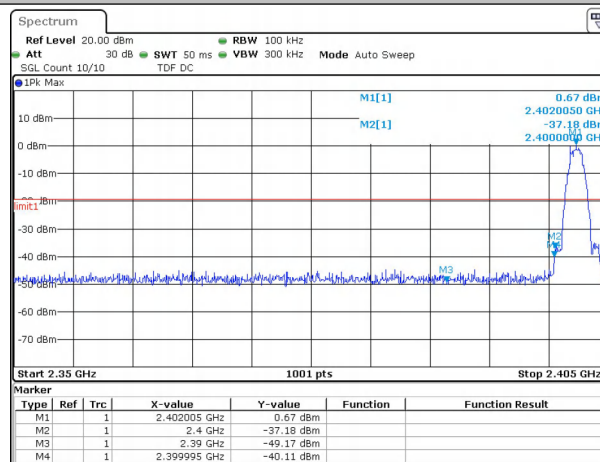
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NTNV_BLE_2480_1Mbps



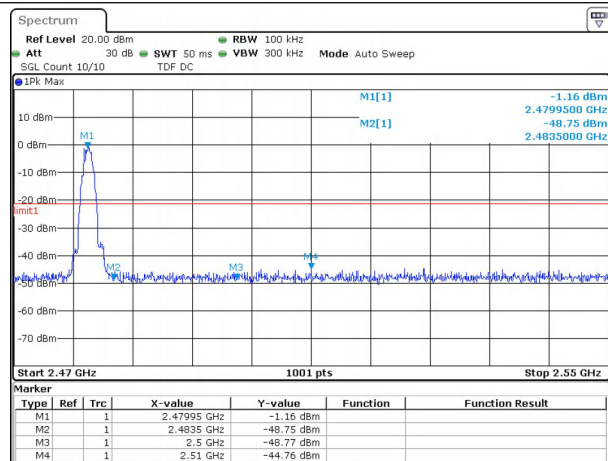
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NTNV_BLE_2402_2Mbps



Date: 26 AUG 2026 12:47:51

NTNV_BLE_2480_2Mbps



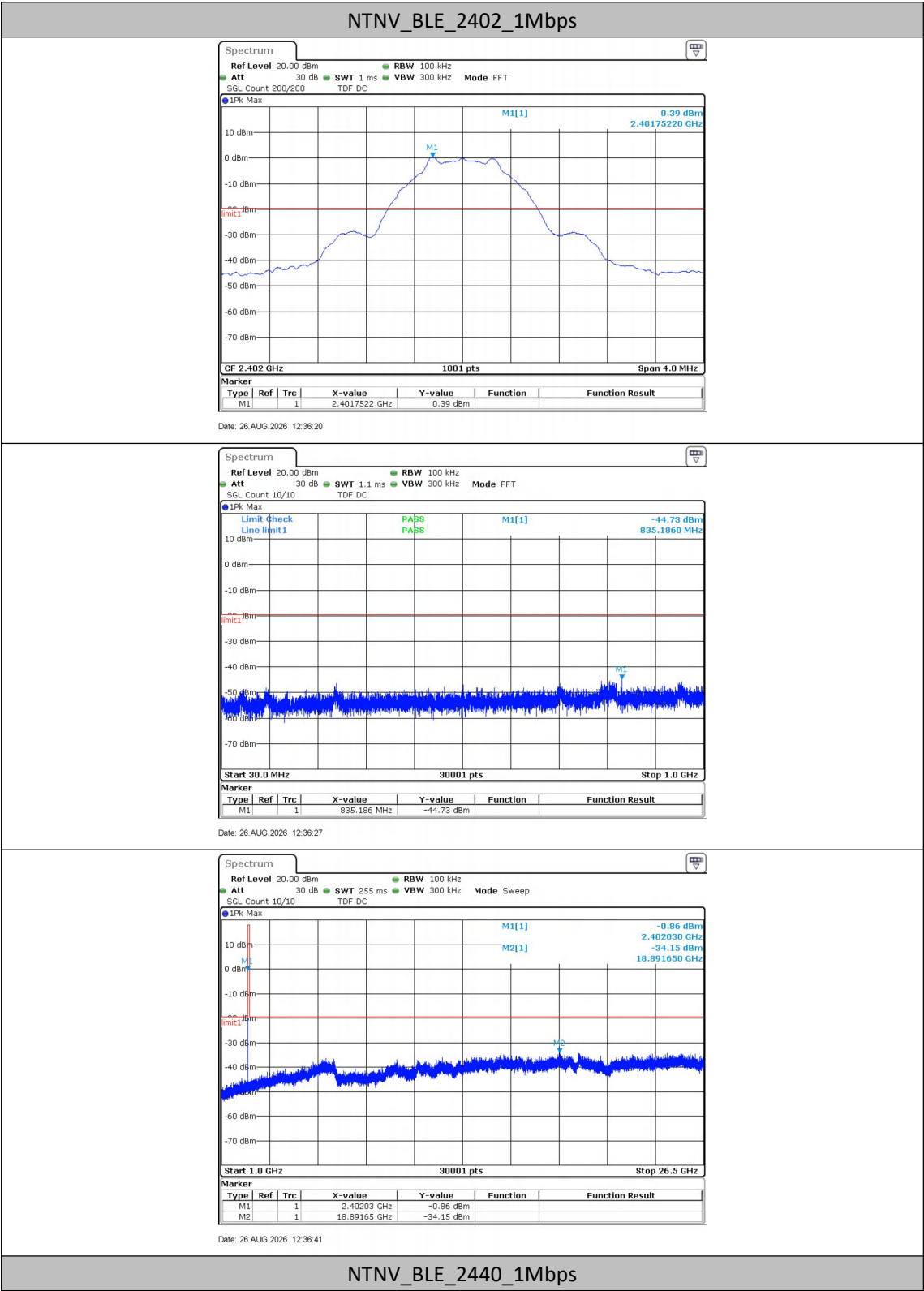
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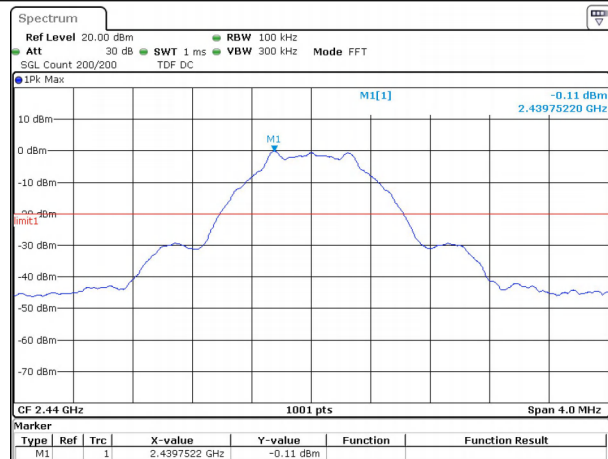
Appendix F: Conducted Spurious Emission

Test Result

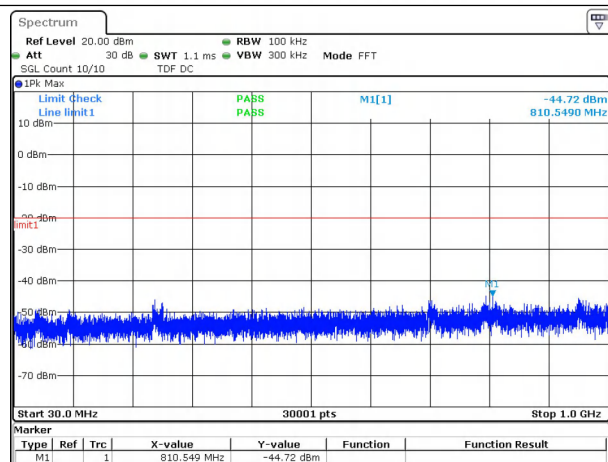
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Frequency Range (MHz)	Ref Level (MHz)	Max Power (dBm)	Limit (dBm)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	Reference	0.1	0.39	/	/
						30~1000	0.1	-44.73	≤-19.61	Pass
						1000~26500	0.1	-34.15	≤-19.61	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	Reference	0.1	-0.11	/	/
						30~1000	0.1	-44.72	≤-20.11	Pass
						1000~26500	0.1	-33.36	≤-20.11	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	Reference	0.1	2.21	/	/
						30~1000	0.1	-45.19	≤-17.79	Pass
						1000~26500	0.1	-33.72	≤-17.79	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	Reference	0.1	1.66	/	/
						30~1000	0.1	-44.63	≤-18.34	Pass
						1000~26500	0.1	-34.05	≤-18.34	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	Reference	0.1	1.15	/	/
						30~1000	0.1	-45.08	≤-18.85	Pass
						1000~26500	0.1	-33.28	≤-18.85	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	Reference	0.1	1.36	/	/
						30~1000	0.1	-45.44	≤-18.64	Pass
						1000~26500	0.1	-34.01	≤-18.64	Pass

Test Graphs

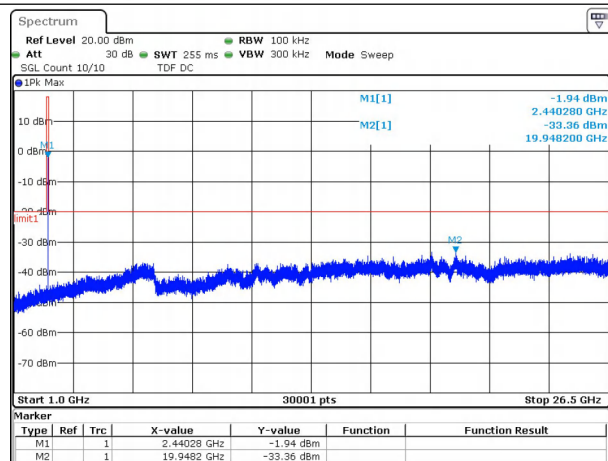




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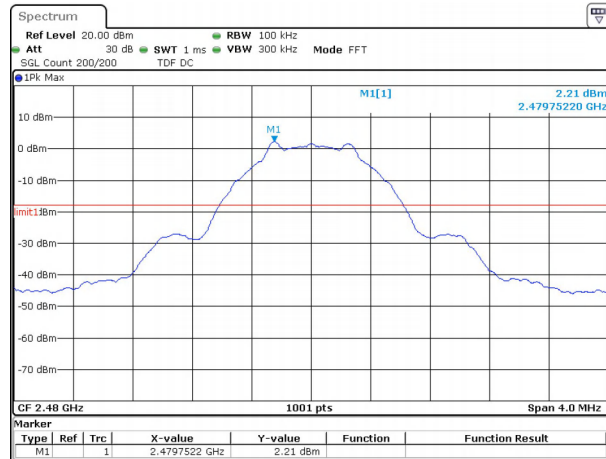


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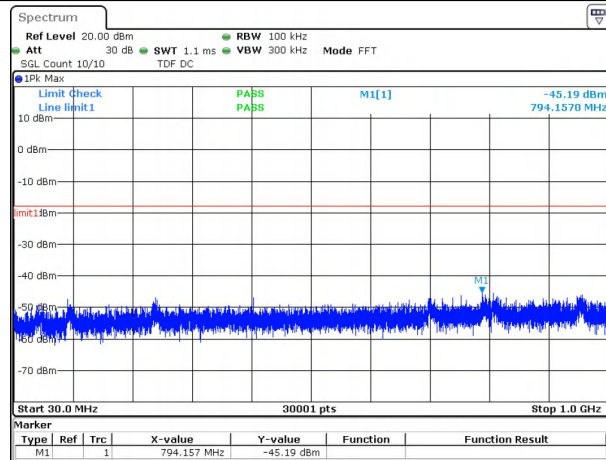


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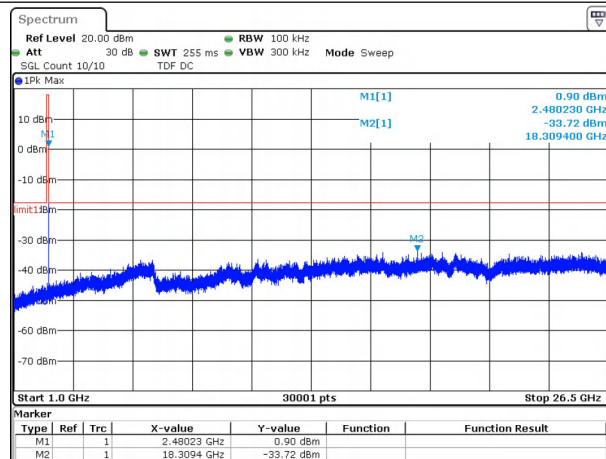
NTNV_BLE_2480_1Mbps



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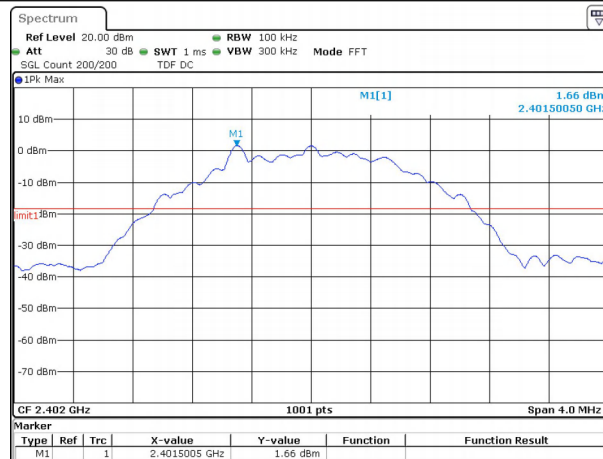


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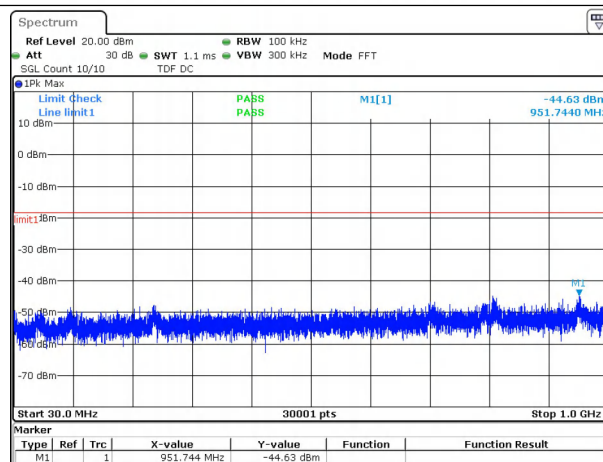


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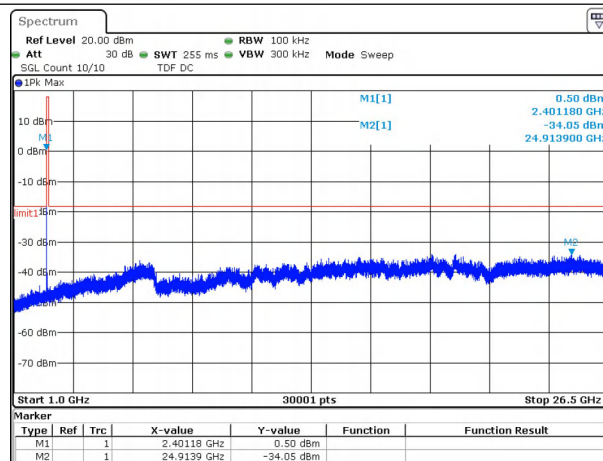
NTNV_BLE_2402_2Mbps



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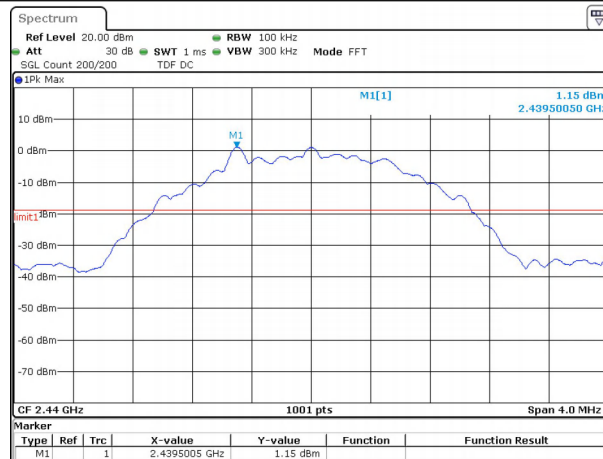


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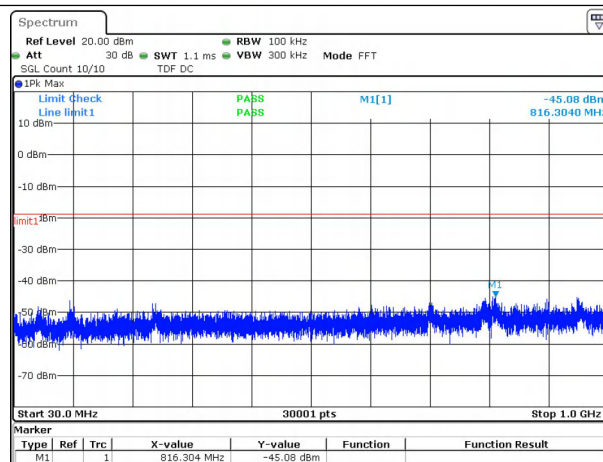


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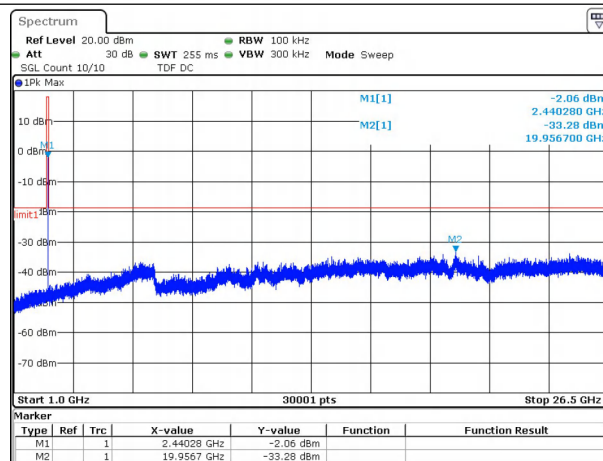
NTNV_BLE_2440_2Mbps



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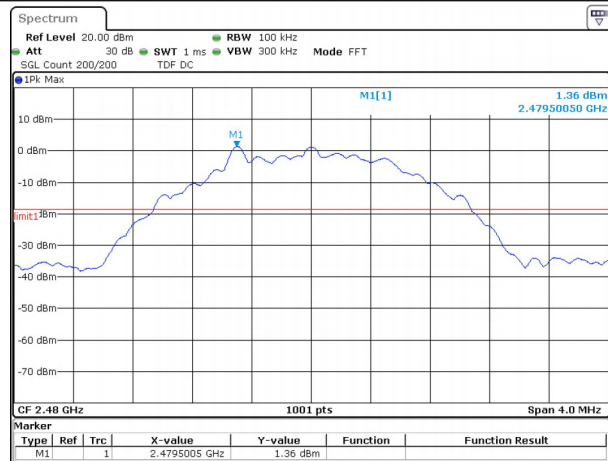


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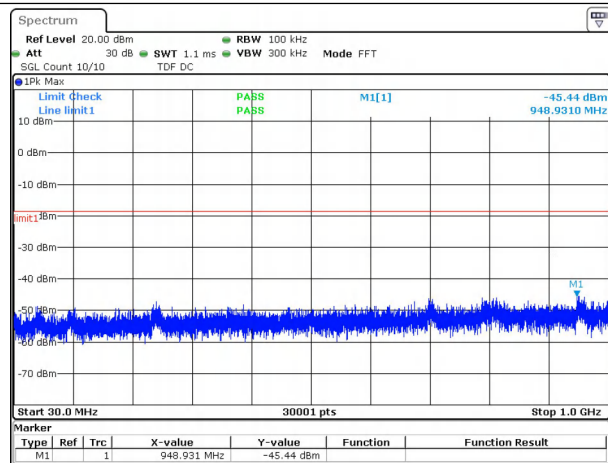


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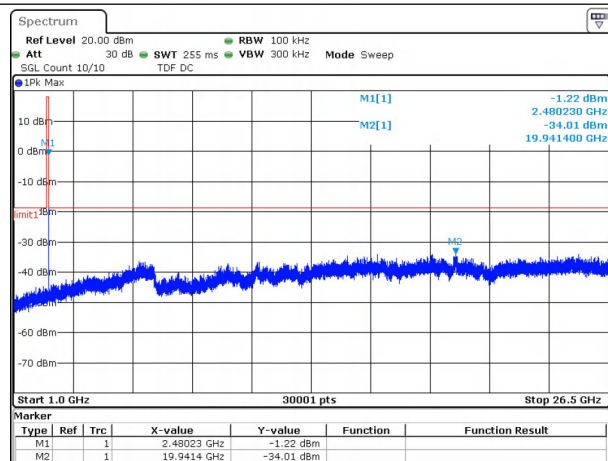
NTNV_BLE_2480_2Mbps



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Date: 26 AUG 2026 12:54:21



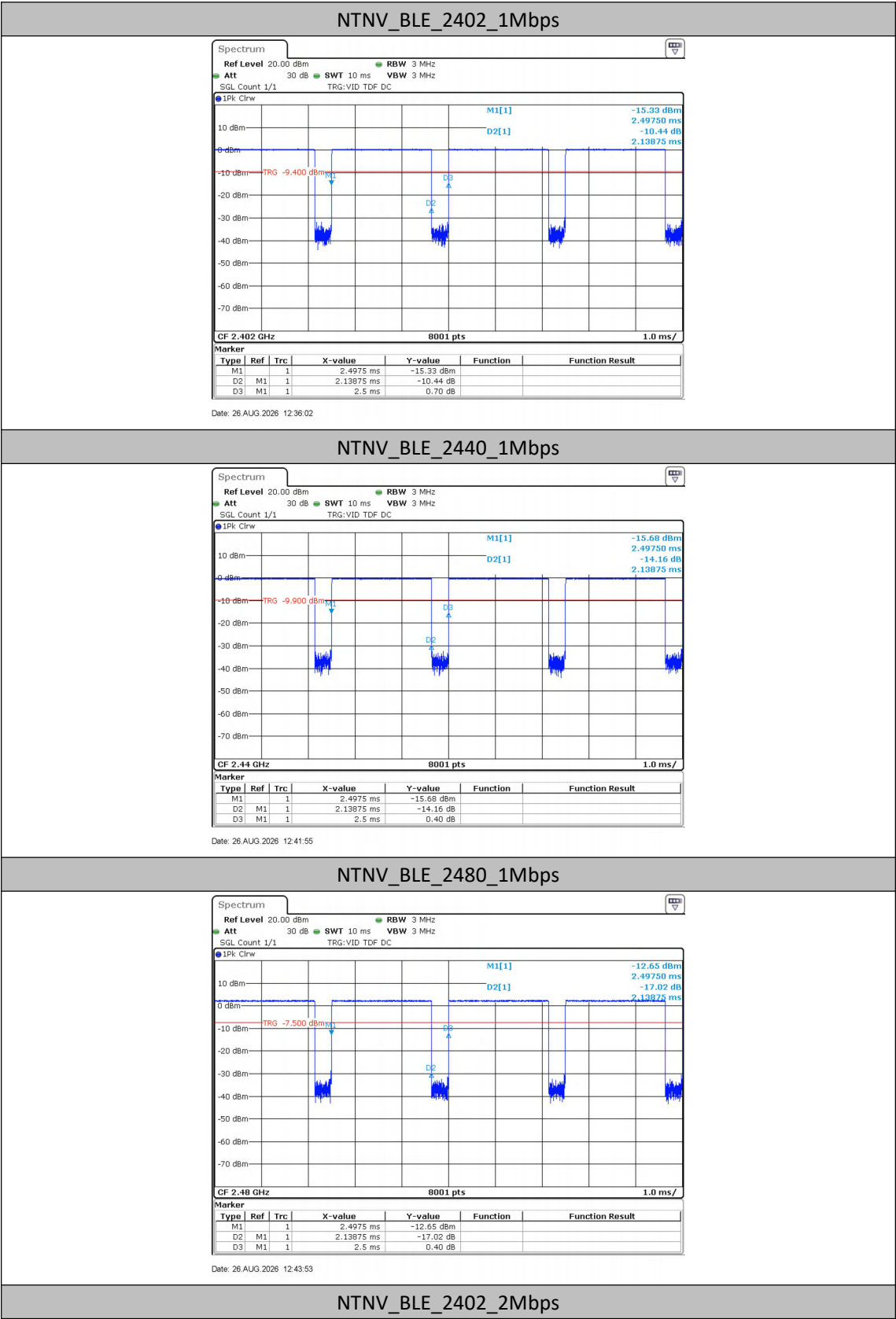
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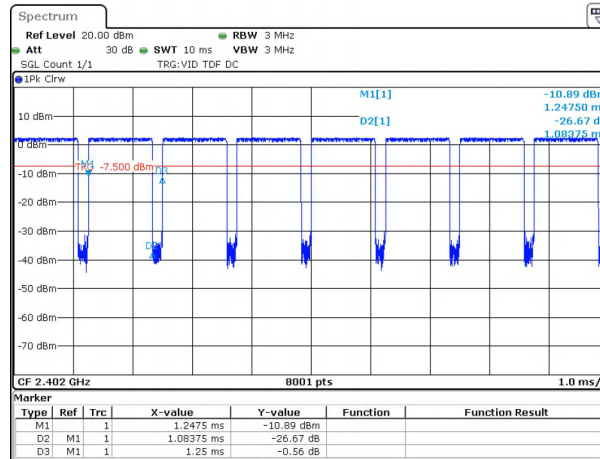
Appendix G: Duty Cycle

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	86.60
6	NTNV	BLE	2480	2Mbps	ANT1	1.08	1.25	0.87	86.60

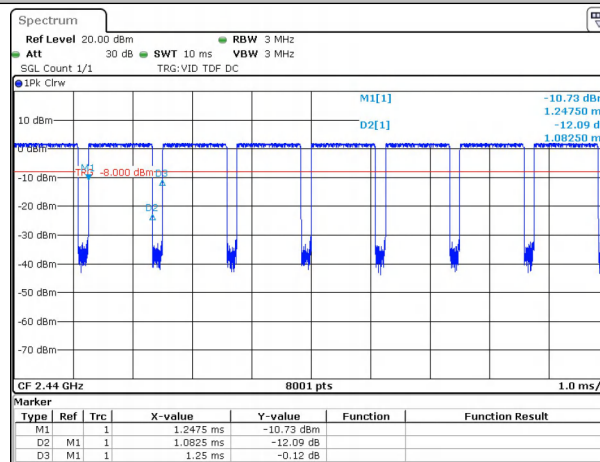
Test Graphs





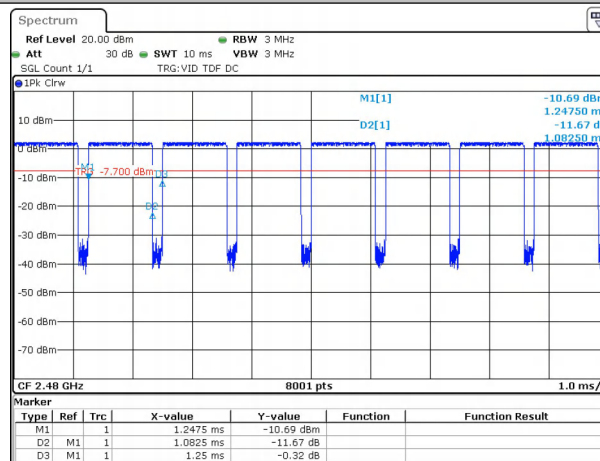
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NTNV_BLE_2440_2Mbps



Date: 26.AUG.2026 12:50:29

NTNV_BLE_2480_2Mbps



Date: 26.AUG.2026 12:53:57