



CQASZ20260901945E-02

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

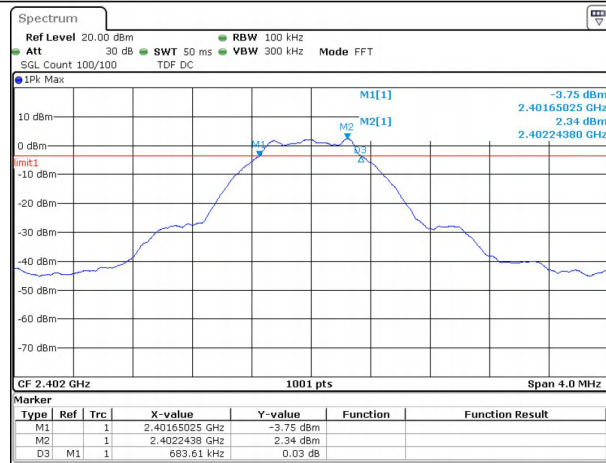
Appendix A: DTS Bandwidth

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	2401.65	2402.33	≥ 0.5	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	0.68	2439.65	2440.34	≥ 0.5	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	0.70	2479.64	2480.34	≥ 0.5	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	1.16	2401.41	2402.58	≥ 0.5	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	1.16	2439.42	2440.58	≥ 0.5	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	1.16	2479.41	2480.57	≥ 0.5	Pass

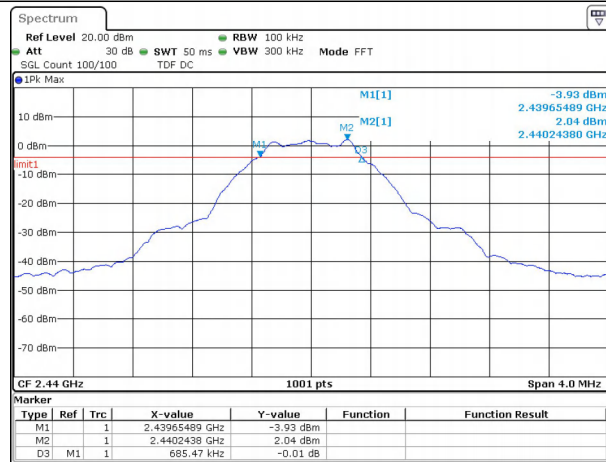
Test Graphs

NTNV_BLE_2402_1Mbps



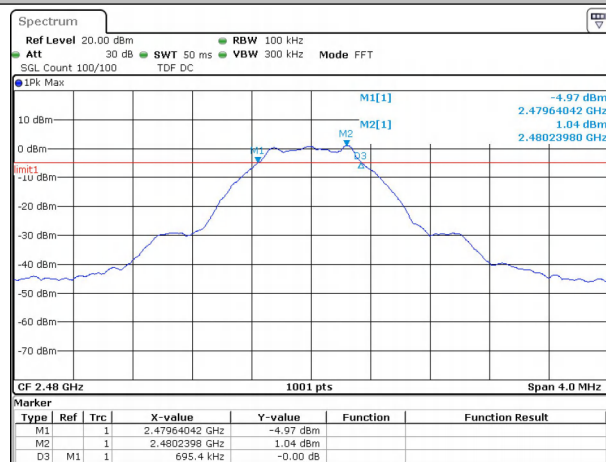
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NTNV_BLE_2440_1Mbps



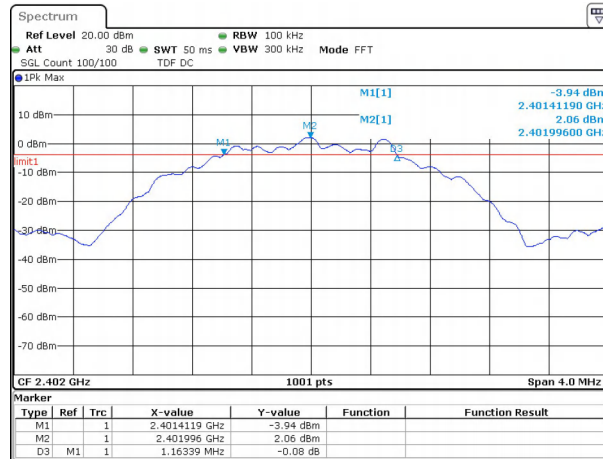
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NTNV_BLE_2480_1Mbps



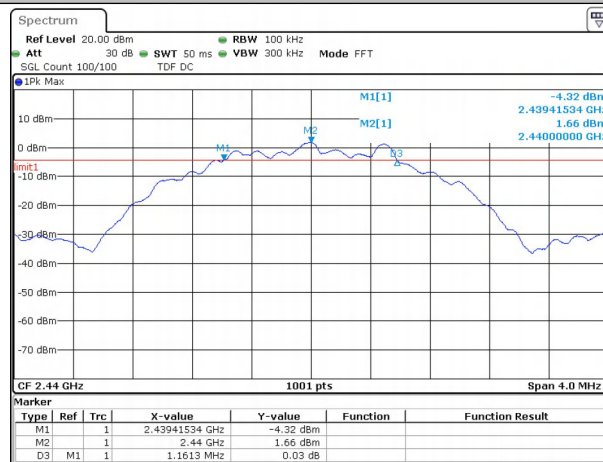
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NTNV_BLE_2402_2Mbps



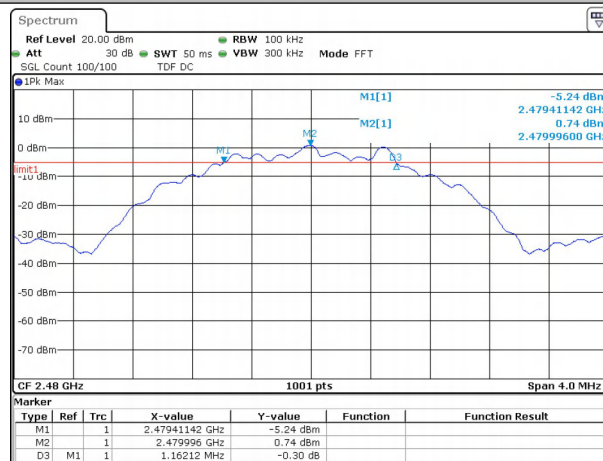
Date: 28.SEP.2026 18:23:29

NTNV_BLE_2440_2Mbps



Date: 28.SEP.2026 18:25:26

NTNV_BLE_2480_2Mbps



Date: 28.SEP.2026 18:27:29

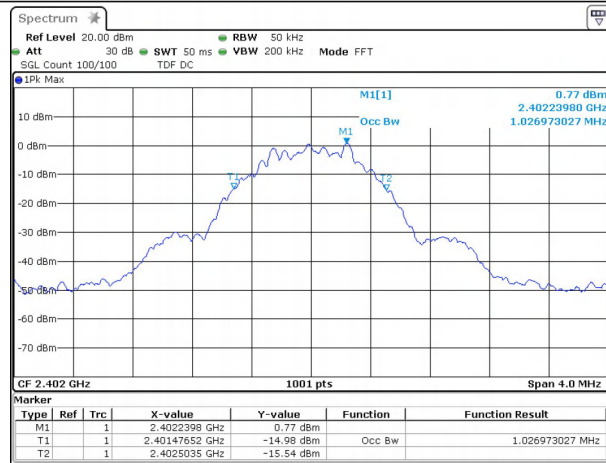
Appendix B: Occupied Channel Bandwidth

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	1.03	-	2401.48	2402.50	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	1.02	-	2439.49	2440.51	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	1.02	-	2479.49	2480.51	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	2.05	-	2400.98	2403.04	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	2.03	-	2439.00	2441.03	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	2.03	-	2478.99	2481.02	Pass

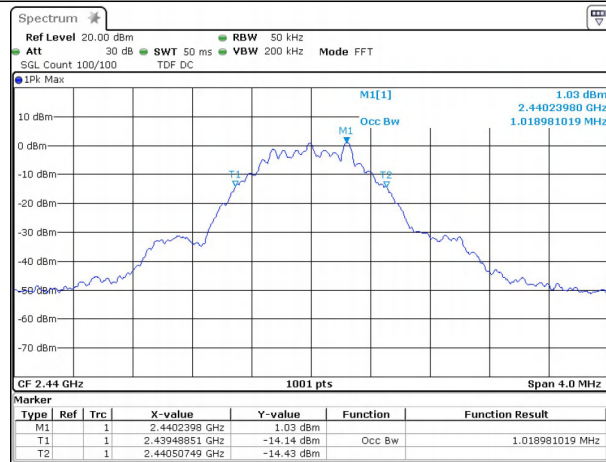
Test Graphs

NTNV_BLE_2402_1Mbps



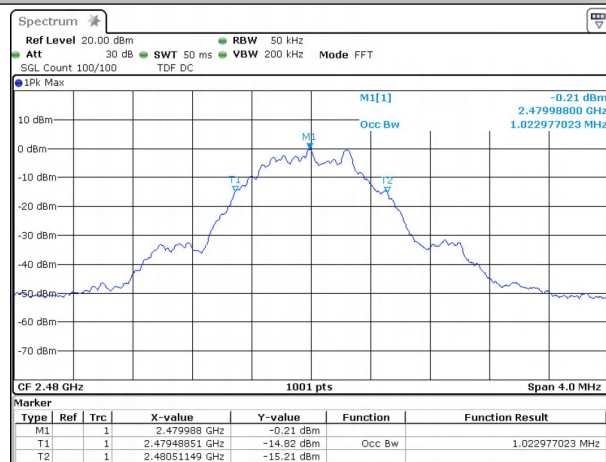
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NTNV_BLE_2440_1Mbps



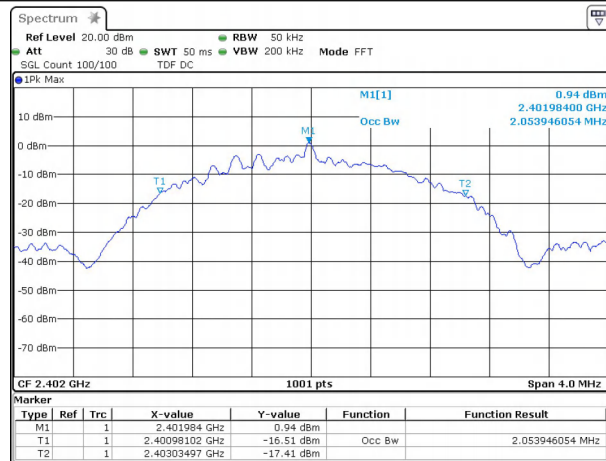
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NTNV_BLE_2480_1Mbps



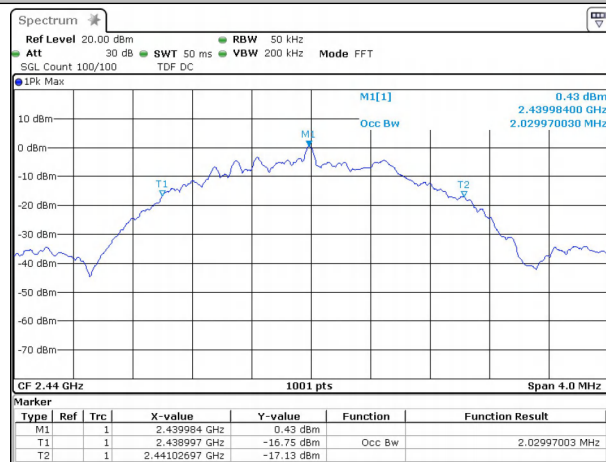
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NTNV_BLE_2402_2Mbps



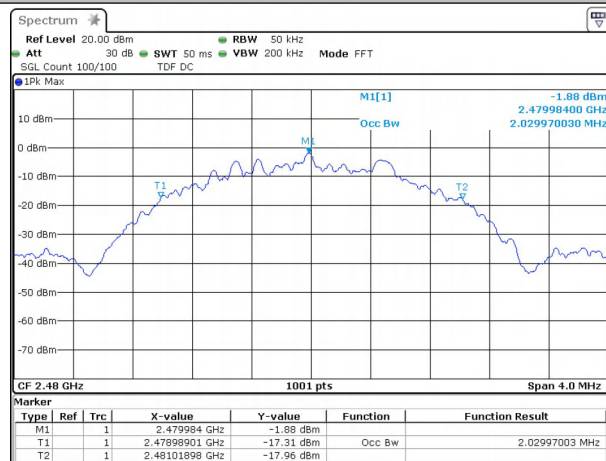
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NTNV_BLE_2440_2Mbps



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NTNV_BLE_2480_2Mbps



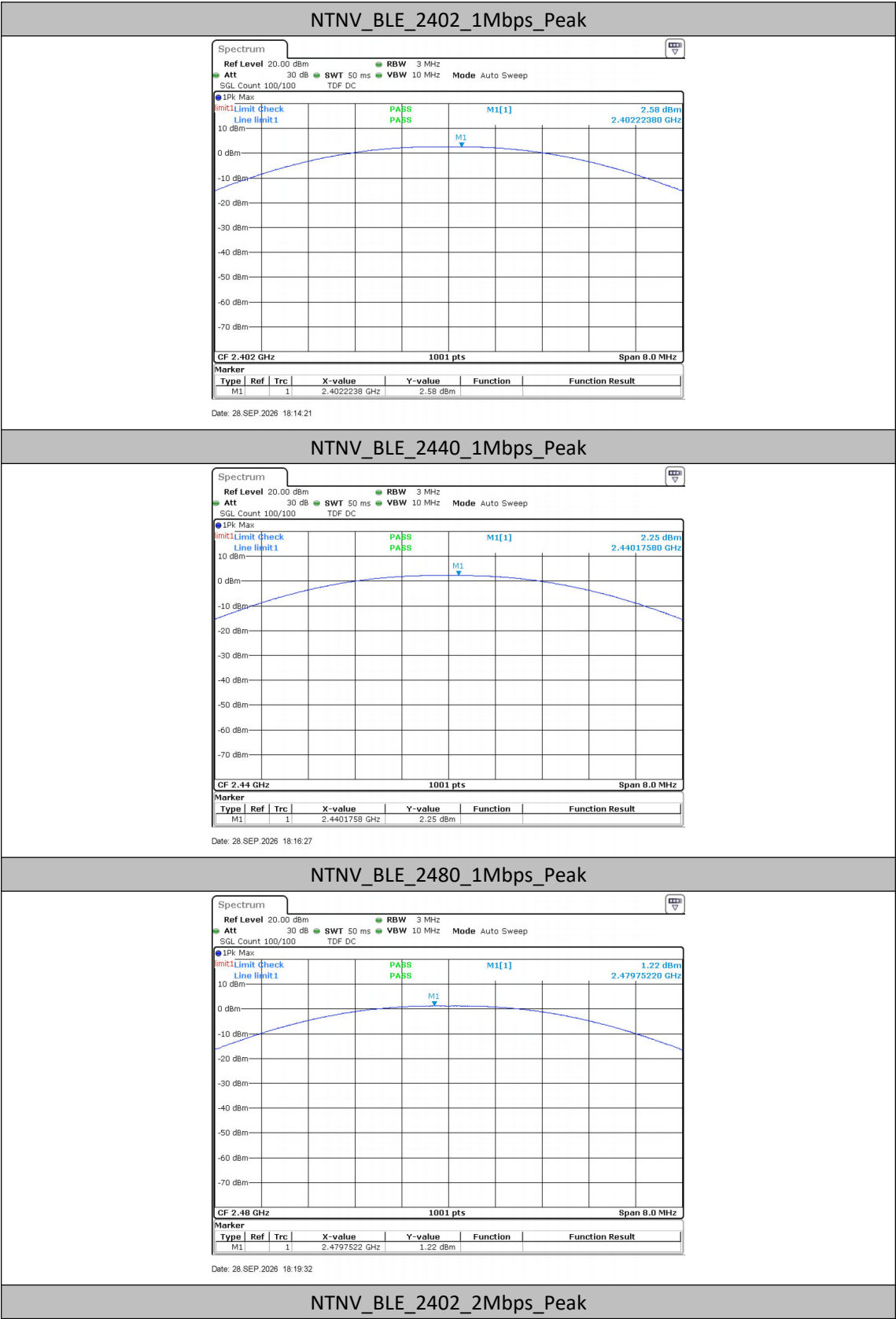
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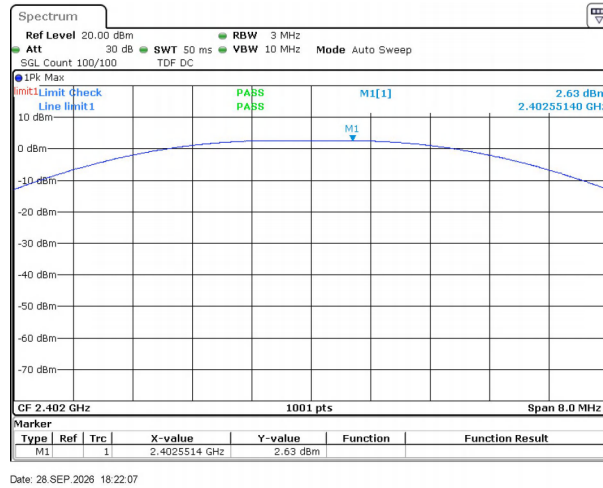
Appendix C: Maximum conducted output power

Test Result

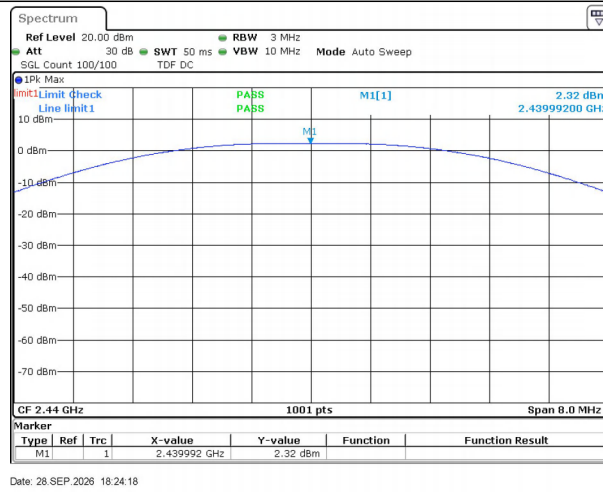
NO.	Test Condition	Test Mode	Freq (MHz)	Detector	Antenna	Conducted Peak Power (dBm)	Conducted Limit (dBm)	Verdict
1	NTNV	BLE	2402	Peak	ANT1	2.58	≤30	Pass
2	NTNV	BLE	2440	Peak	ANT1	2.25	≤30	Pass
3	NTNV	BLE	2480	Peak	ANT1	1.22	≤30	Pass
4	NTNV	BLE	2402	Peak	ANT1	2.63	≤30	Pass
5	NTNV	BLE	2440	Peak	ANT1	2.32	≤30	Pass
6	NTNV	BLE	2480	Peak	ANT1	1.34	≤30	Pass

Test Graphs

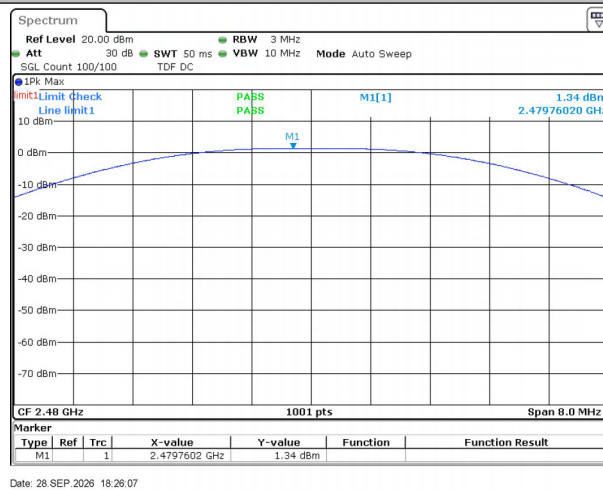




NTNV_BLE_2440_2Mbps_Peak



NTNV_BLE_2480_2Mbps_Peak

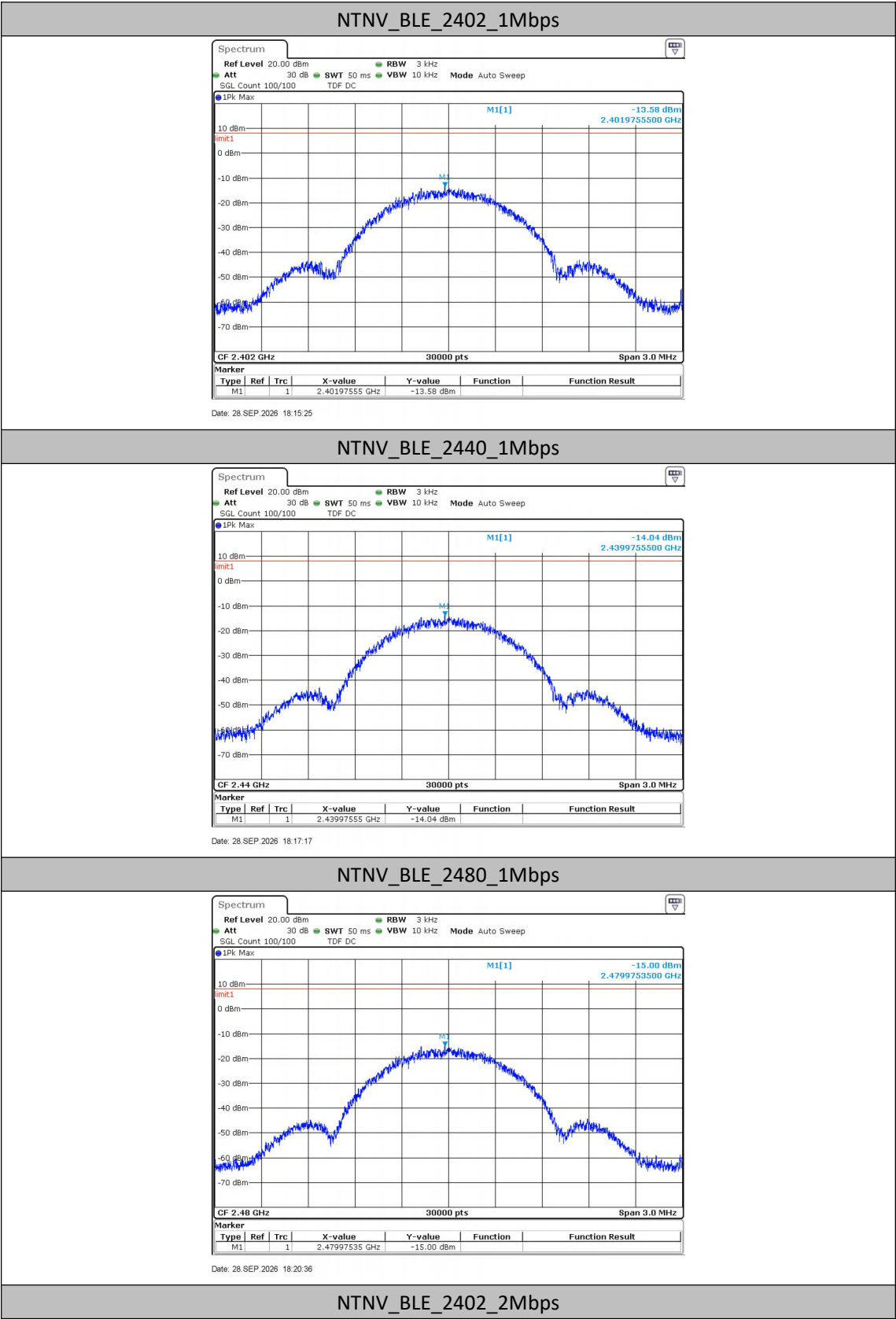


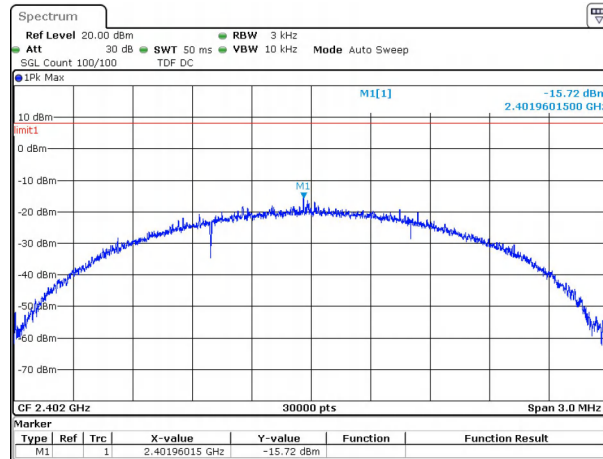
Appendix D: Maximum power spectral density

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	-13.58	≤ 8	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	-14.04	≤ 8	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	-15.00	≤ 8	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	-15.72	≤ 8	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	-16.03	≤ 8	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	-17.38	≤ 8	Pass

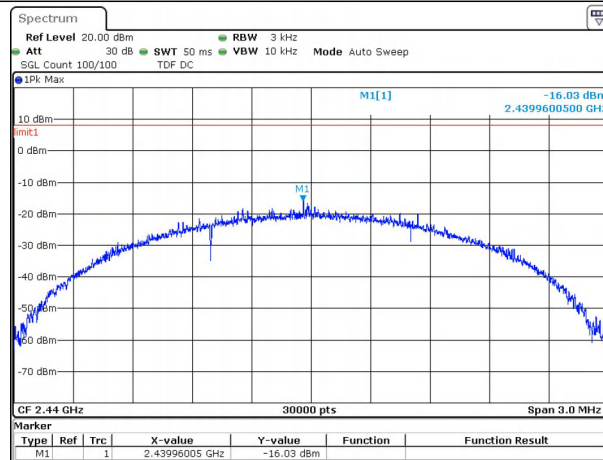
Test Graphs





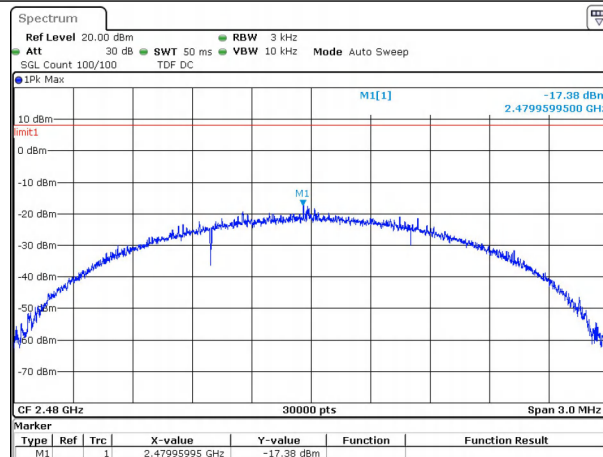
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NTNV_BLE_2440_2Mbps



Date: 28.SEP.2026 18:25:08

NTNV_BLE_2480_2Mbps



Date: 28.SEP.2026 18:27:11

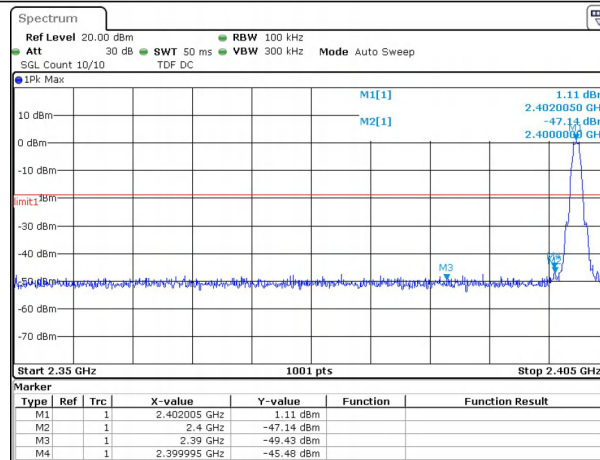
Appendix E: Band edge measurements

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	1.11	-45.48	≤ -18.89	Pass
2	NTNV	BLE	2480	1Mbps	ANT1	0.64	-47.10	≤ -19.36	Pass
3	NTNV	BLE	2402	2Mbps	ANT1	1.42	-32.58	≤ -18.58	Pass
4	NTNV	BLE	2480	2Mbps	ANT1	0.48	-46.04	≤ -19.52	Pass

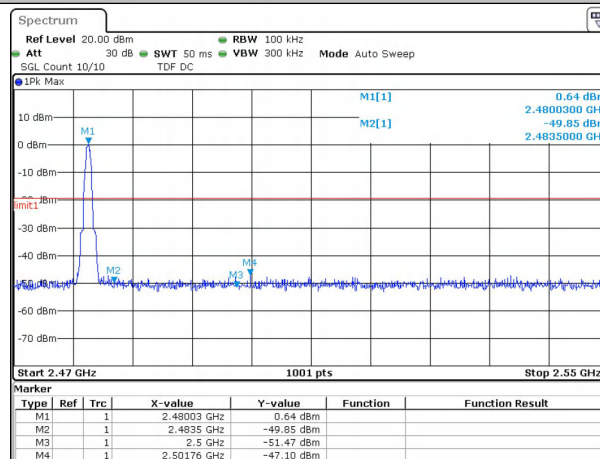
Test Graphs

NTNV_BLE_2402_1Mbps



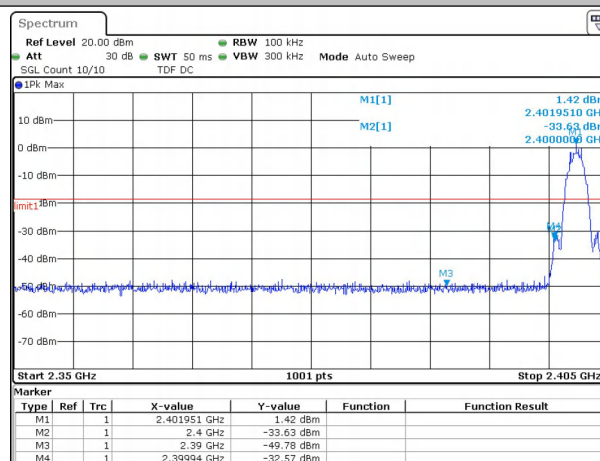
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NTNV_BLE_2480_1Mbps



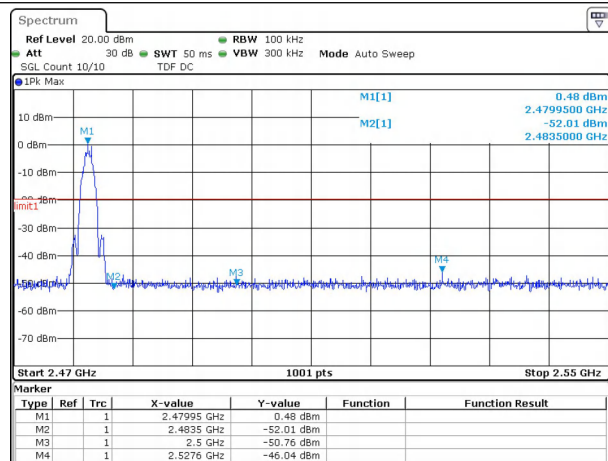
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NTNV_BLE_2402_2Mbps



Date: 28.SEP.2026 18:22:11

NTNV_BLE_2480_2Mbps



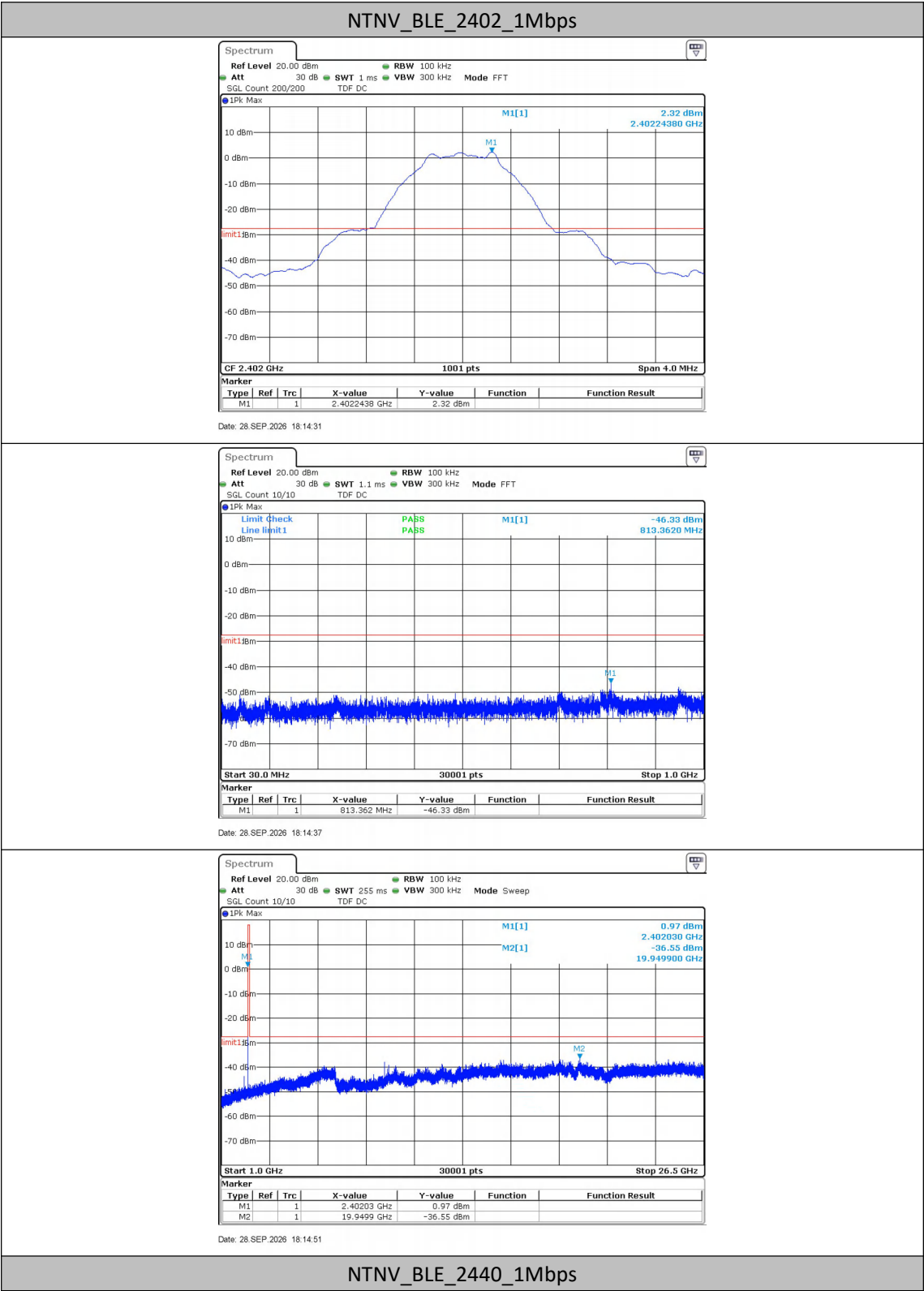
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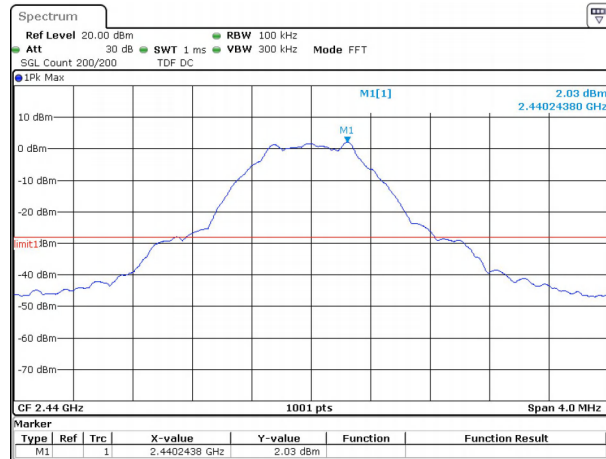
Appendix F: Conducted Spurious Emission

Test Result

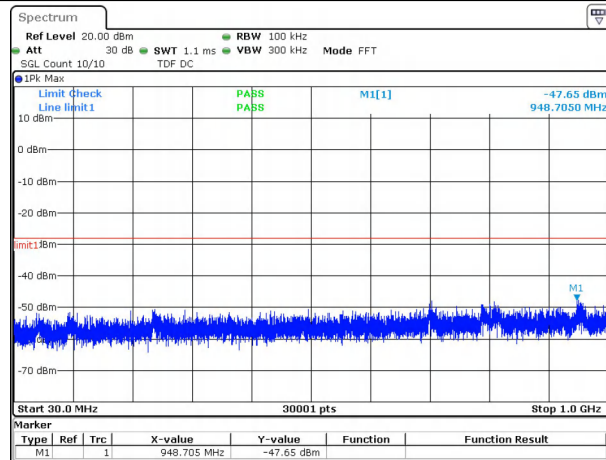
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Frequency Range (MHz)	Ref Level (MHz)	Max Power (dBm)	Limit (dBm)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	Reference	0.1	2.32	/	/
						30~1000	0.1	-46.33	≤-27.68	Pass
						1000~26500	0.1	-36.55	≤-27.68	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	Reference	0.1	2.03	/	/
						30~1000	0.1	-47.65	≤-27.97	Pass
						1000~26500	0.1	-34.09	≤-27.97	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	Reference	0.1	1.02	/	/
						30~1000	0.1	-47.19	≤-28.98	Pass
						1000~26500	0.1	-33.53	≤-28.98	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	Reference	0.1	2.05	/	/
						30~1000	0.1	-47.89	≤-27.95	Pass
						1000~26500	0.1	-36.50	≤-27.95	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	Reference	0.1	1.65	/	/
						30~1000	0.1	-47.33	≤-28.35	Pass
						1000~26500	0.1	-36.20	≤-28.35	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	Reference	0.1	0.7	/	/
						30~1000	0.1	-47.78	≤-29.30	Pass
						1000~26500	0.1	-36.92	≤-29.30	Pass

Test Graphs

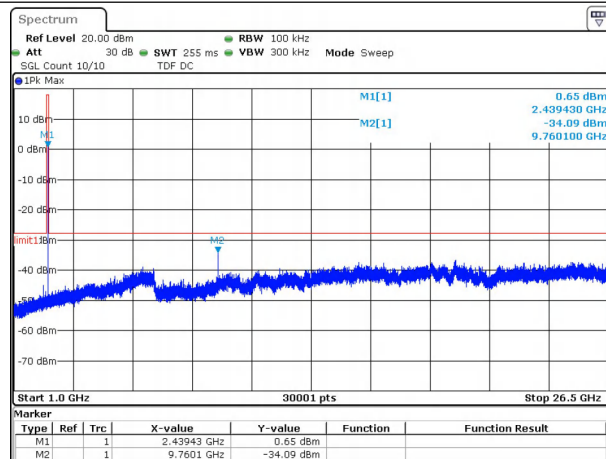




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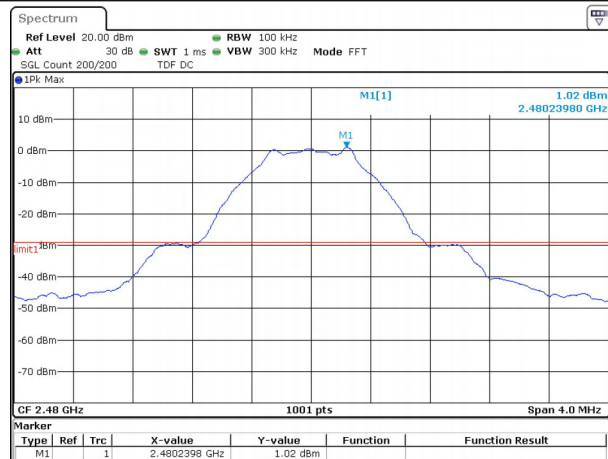


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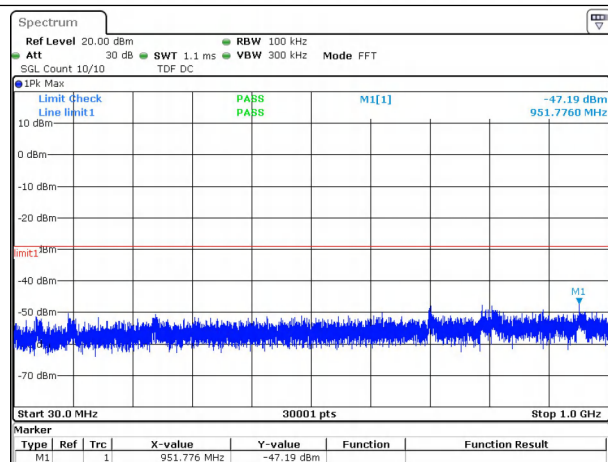


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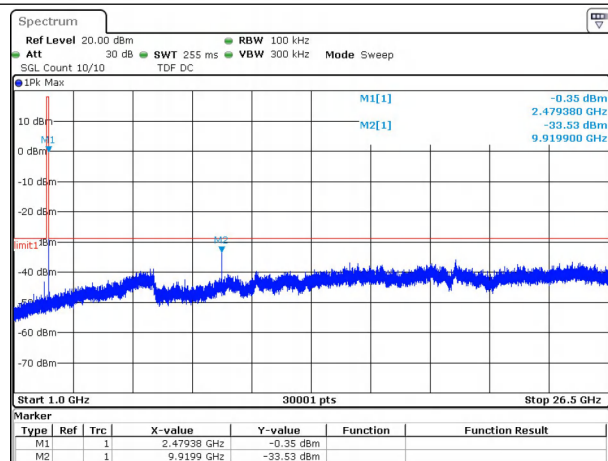
NTNV_BLE_2480_1Mbps



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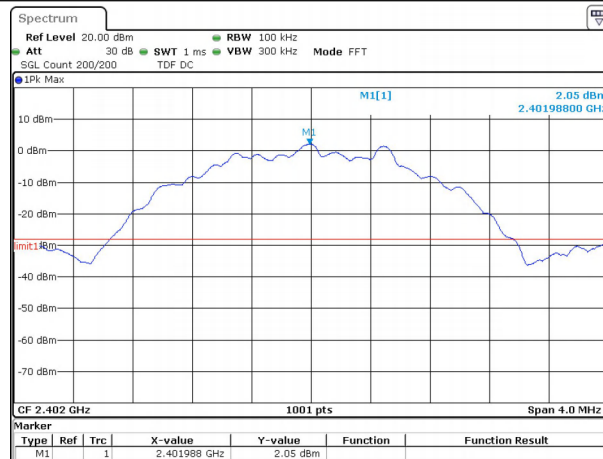


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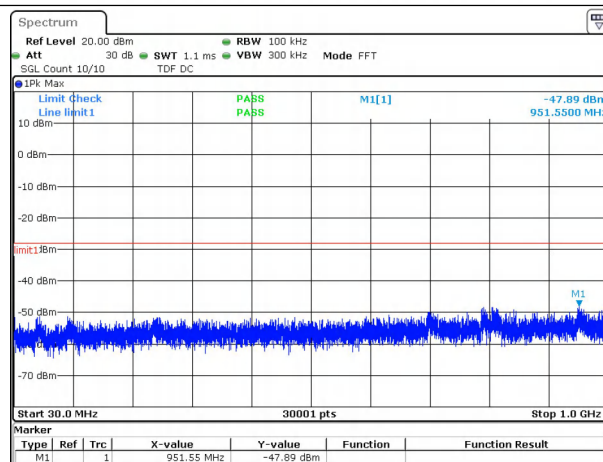


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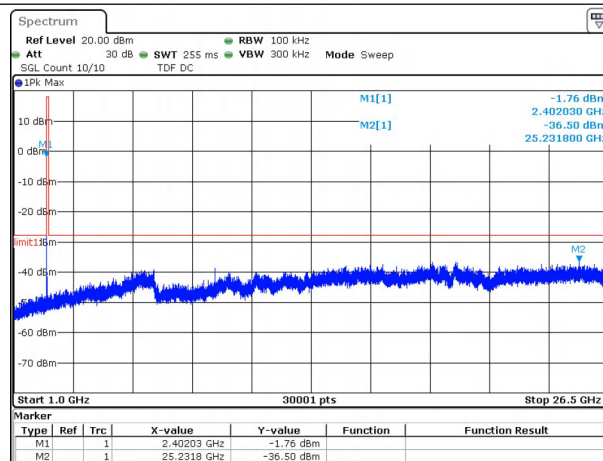
NTNV_BLE_2402_2Mbps



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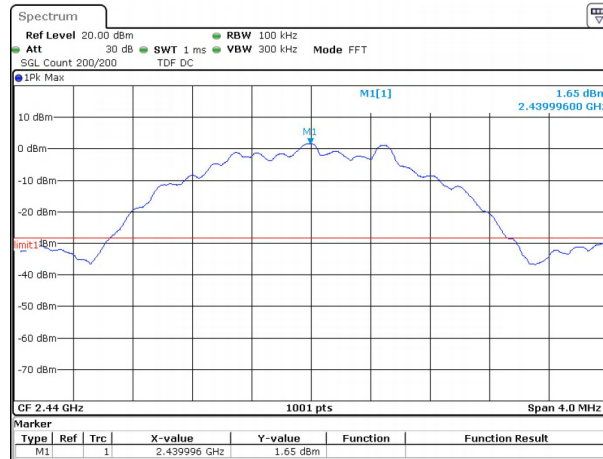


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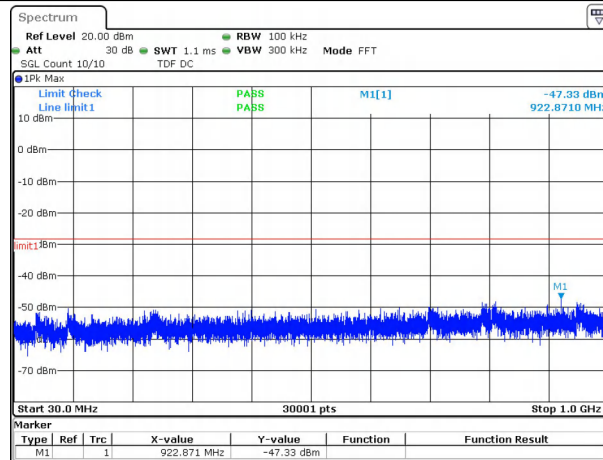


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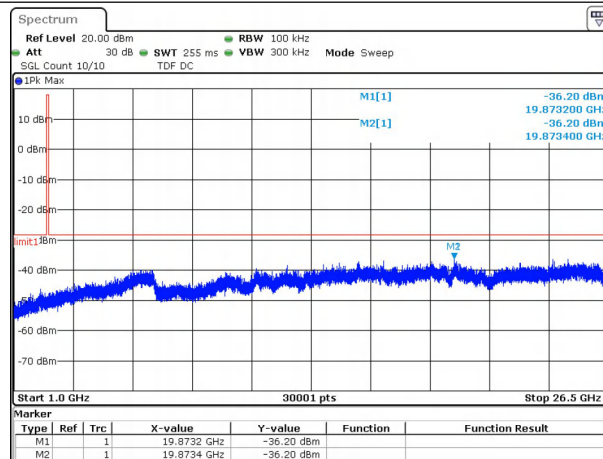
NTNV_BLE_2440_2Mbps



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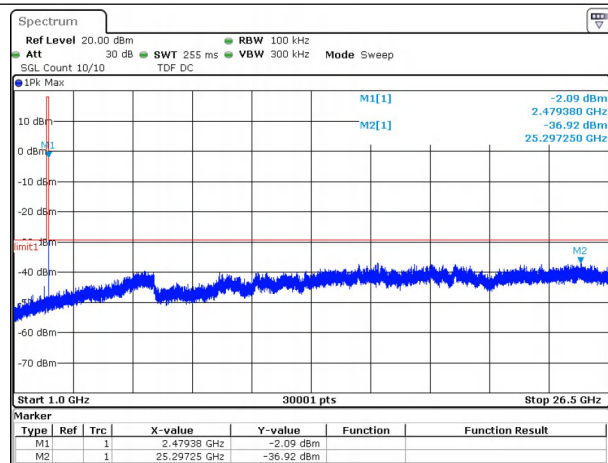
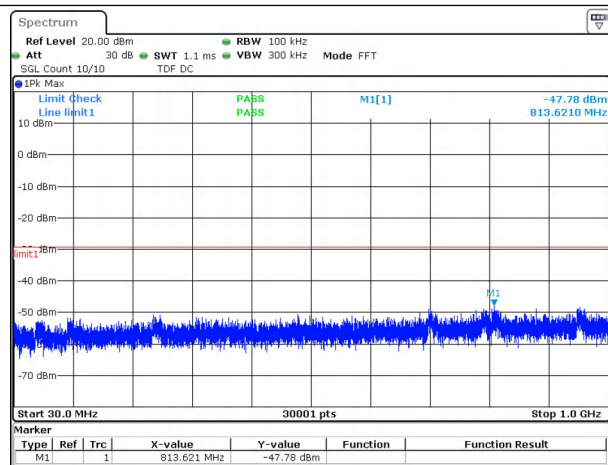
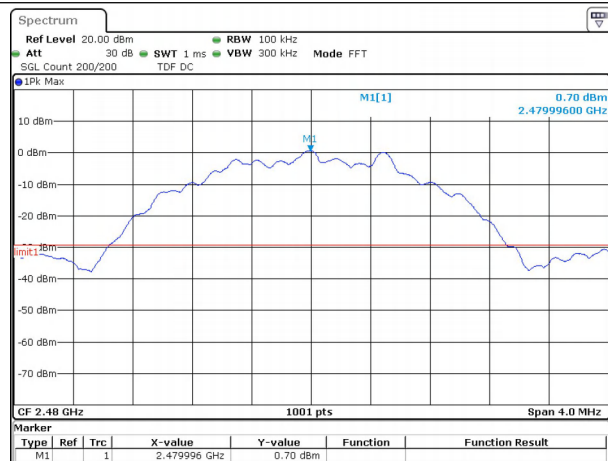


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Date: 28.SEP.2026 18:24:44

NTNV_BLE_2480_2Mbps



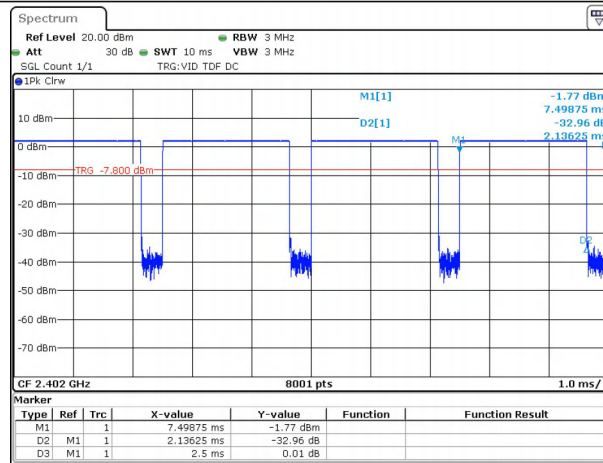
Appendix G: Duty Cycle

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	0.85	85.45
2	NTNV	BLE	2440	1Mbps	ANT1	2.14	2.50	0.85	85.45
3	NTNV	BLE	2480	1Mbps	ANT1	2.14	2.50	0.85	85.45
4	NTNV	BLE	2402	2Mbps	ANT1	1.08	2.50	0.43	43.20
5	NTNV	BLE	2440	2Mbps	ANT1	1.08	2.50	0.43	43.20
6	NTNV	BLE	2480	2Mbps	ANT1	1.08	2.50	0.43	43.20

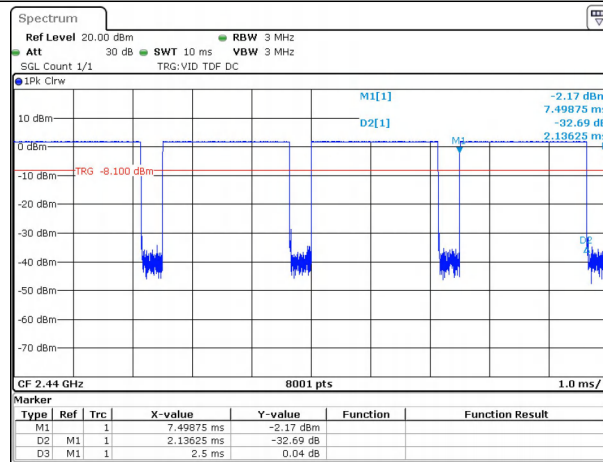
Test Graphs

NTNV_BLE_2402_1Mbps



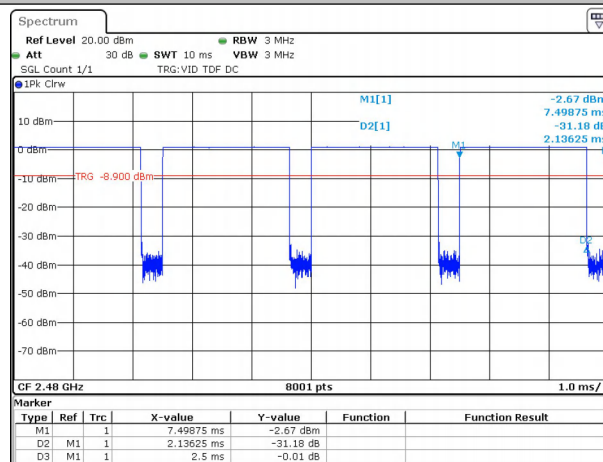
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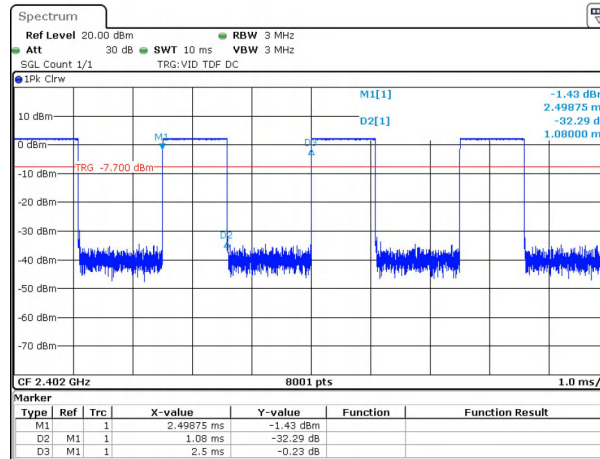
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NTNV_BLE_2480_1Mbps



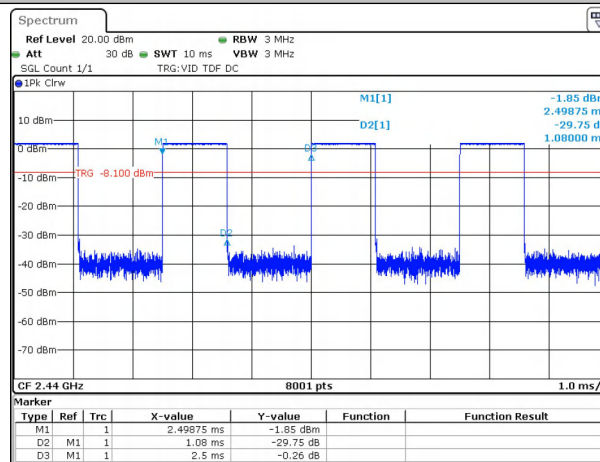
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NTNV_BLE_2402_2Mbps



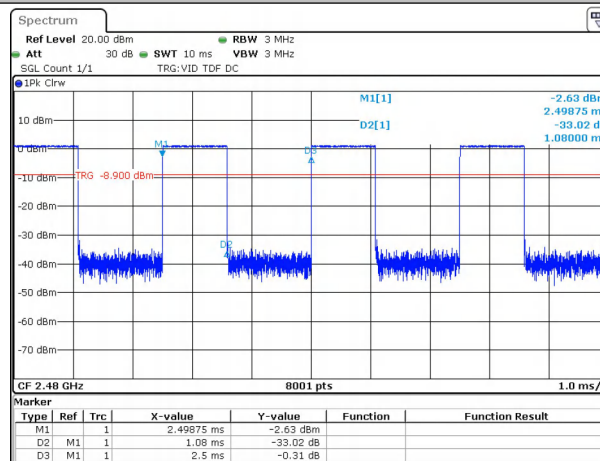
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NTNV_BLE_2440_2Mbps



Date: 28.SEP.2026 18:24:09

NTNV_BLE_2480_2Mbps



Date: 28.SEP.2026 18:25:59