



CQASZ20260701615E-04

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

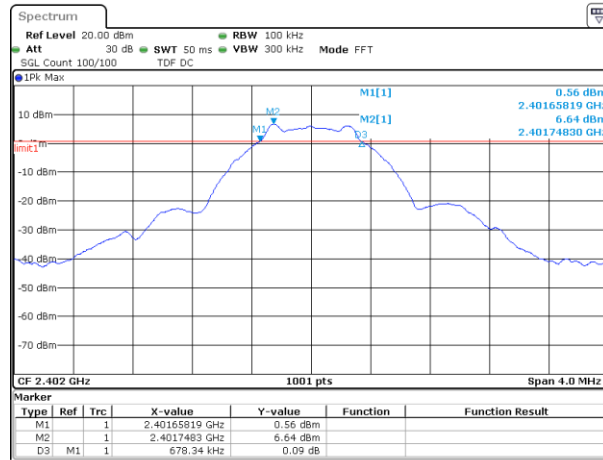
Appendix A: DTS Bandwidth

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	2480.34	≥ 0.5	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	1.14	2401.42	2402.56	≥ 0.5	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	1.15	2439.42	2440.57	≥ 0.5	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	1.14	2479.42	2480.57	≥ 0.5	Pass

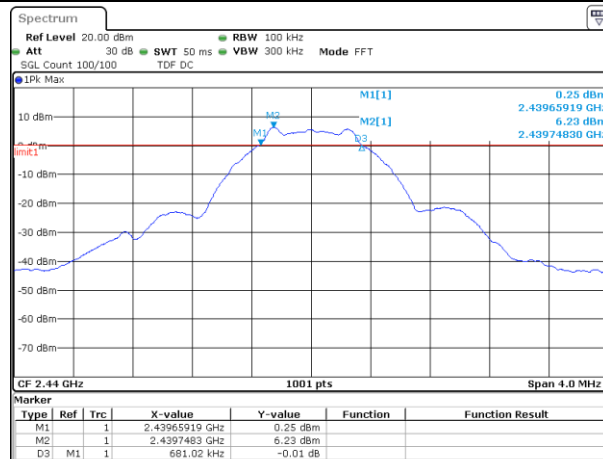
Test Graphs

NTNV_BLE_2402_1Mbps



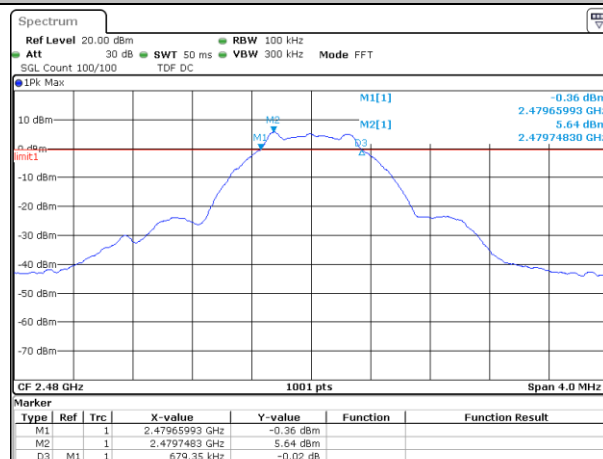
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NTNV_BLE_2440_1Mbps



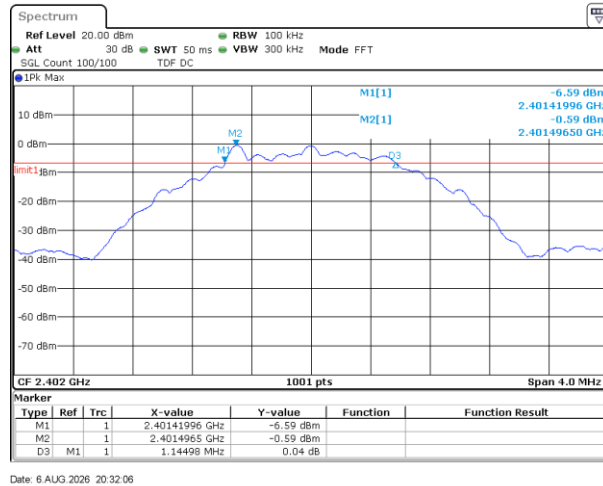
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NTNV_BLE_2480_1Mbps

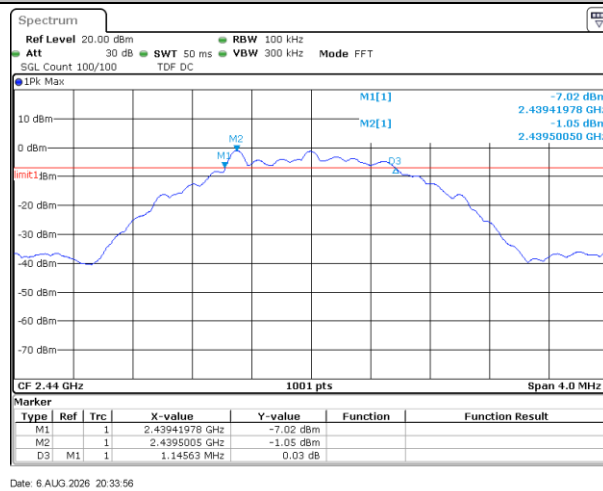


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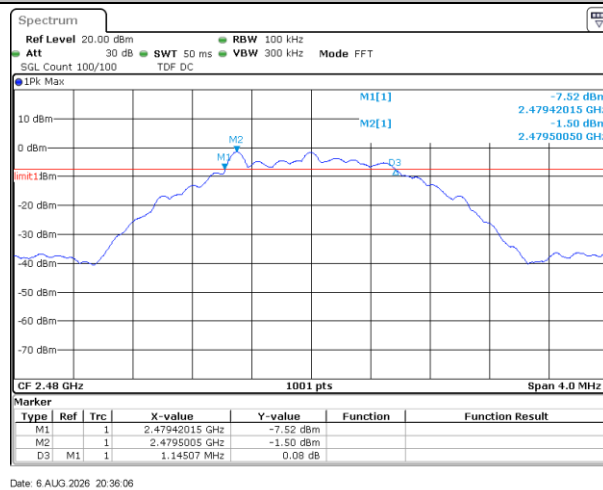
NTNV_BLE_2402_2Mbps



NTNV_BLE_2440_2Mbps



NTNV_BLE_2480_2Mbps

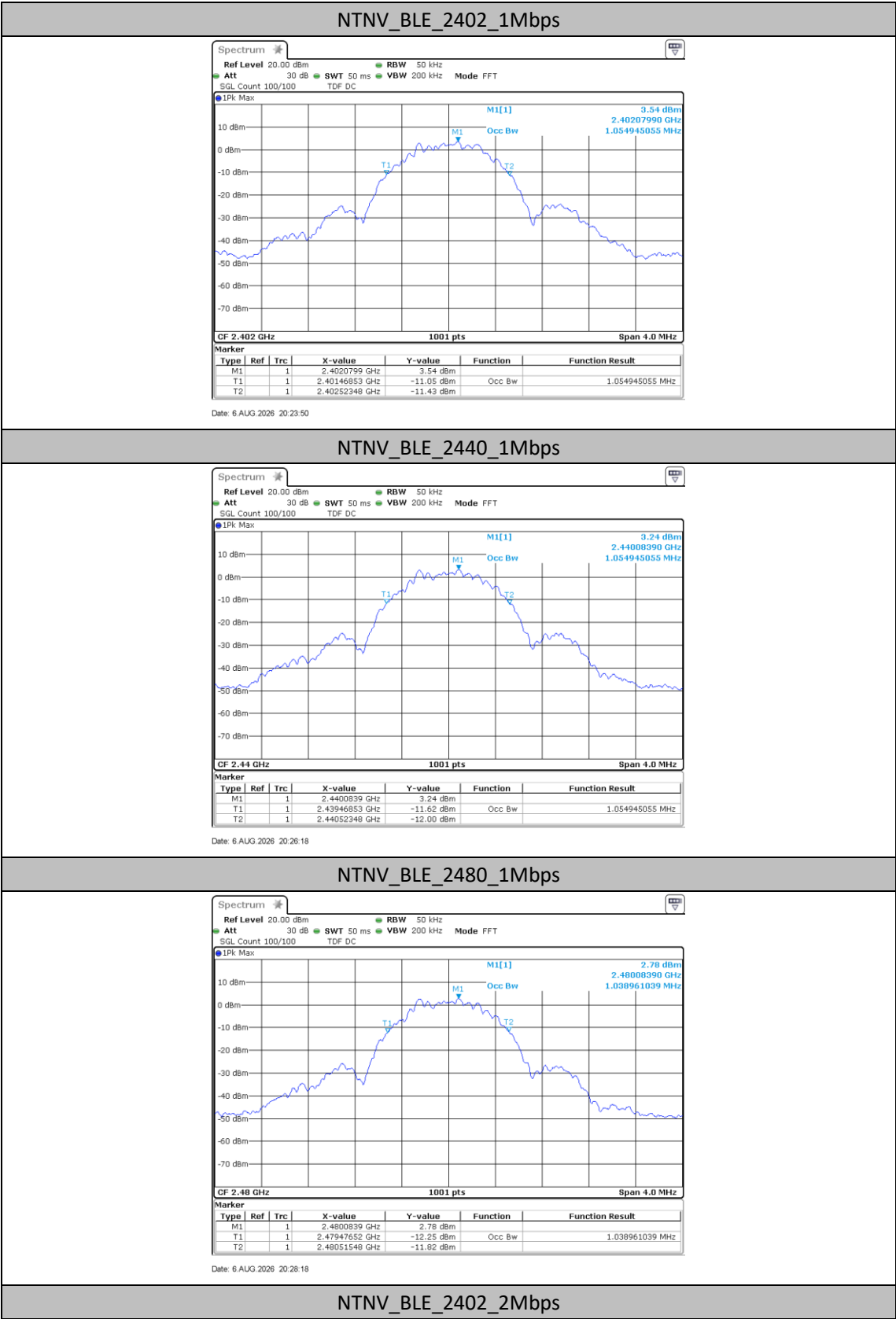


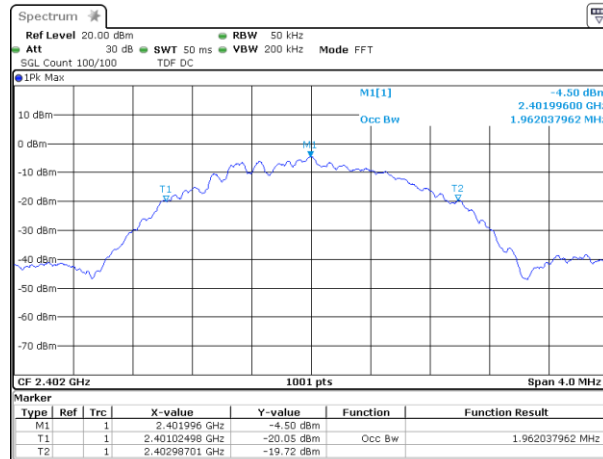
Appendix B: Occupied Channel Bandwidth

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	1.05	-	2401.47	2402.52	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	1.05	-	2439.47	2440.52	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	1.04	-	2479.48	2480.52	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	1.96	-	2401.02	2402.99	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	1.91	-	2439.05	2440.96	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	1.97	-	2479.02	2480.99	Pass

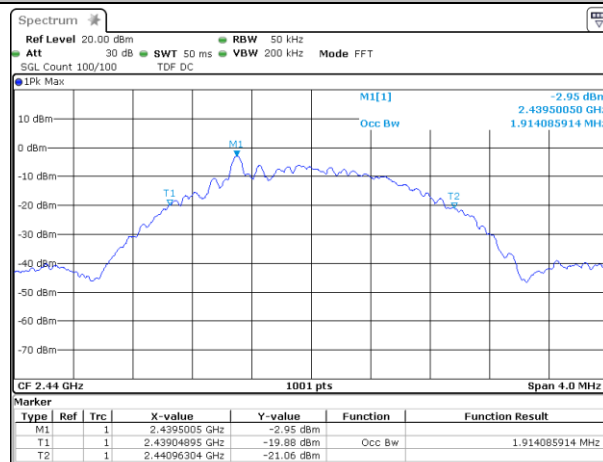
Test Graphs





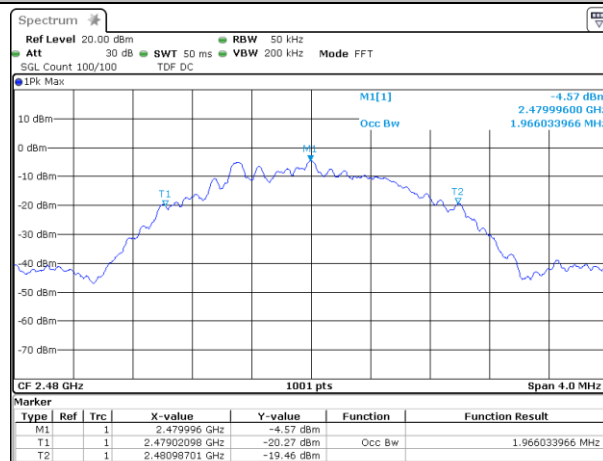
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NTNV_BLE_2440_2Mbps



Date: 6 AUG 2026 20:32:29

NTNV_BLE_2480_2Mbps



Date: 6 AUG 2026 20:34:25

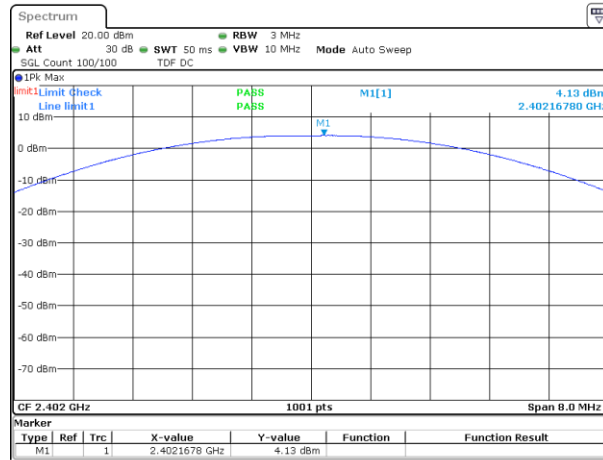
Appendix C: Maximum conducted output power

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	4.13	≤ 30	Pass
2	NTNV	BLE	2440	Peak	ANT1	3.75	≤ 30	Pass
3	NTNV	BLE	2480	Peak	ANT1	3.26	≤ 30	Pass
4	NTNV	BLE	2402	Peak	ANT1	-2.42	≤ 30	Pass
5	NTNV	BLE	2440	Peak	ANT1	-2.86	≤ 30	Pass
6	NTNV	BLE	2480	Peak	ANT1	-3.32	≤ 30	Pass

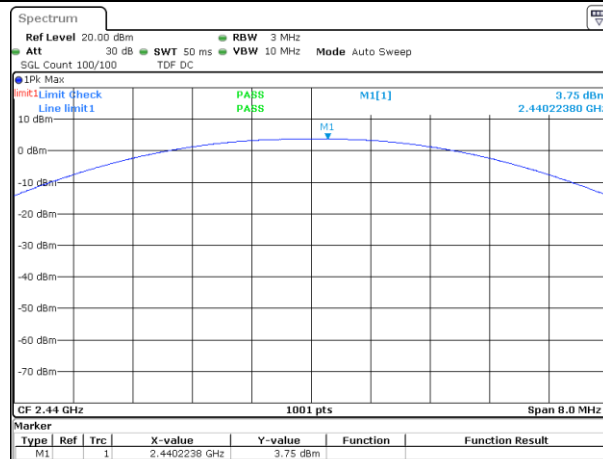
Test Graphs

NTNV_BLE_2402_1Mbps_Peak



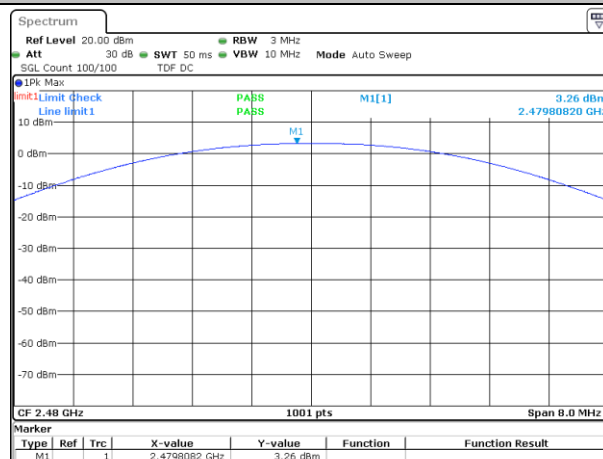
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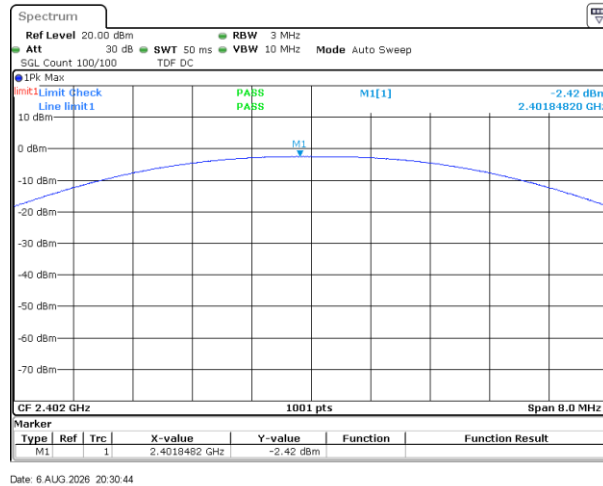
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NTNV_BLE_2480_1Mbps_Peak

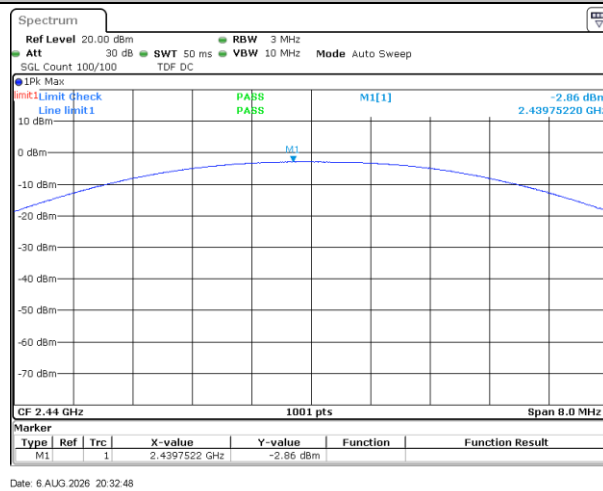


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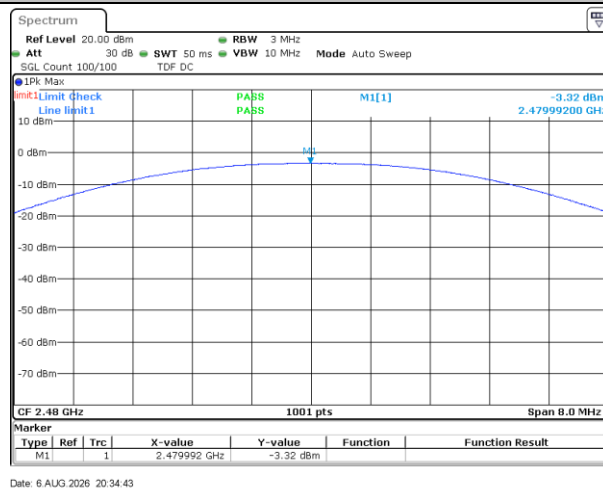
NTNV_BLE_2402_2Mbps_Peak



NTNV_BLE_2440_2Mbps_Peak



NTNV_BLE_2480_2Mbps_Peak

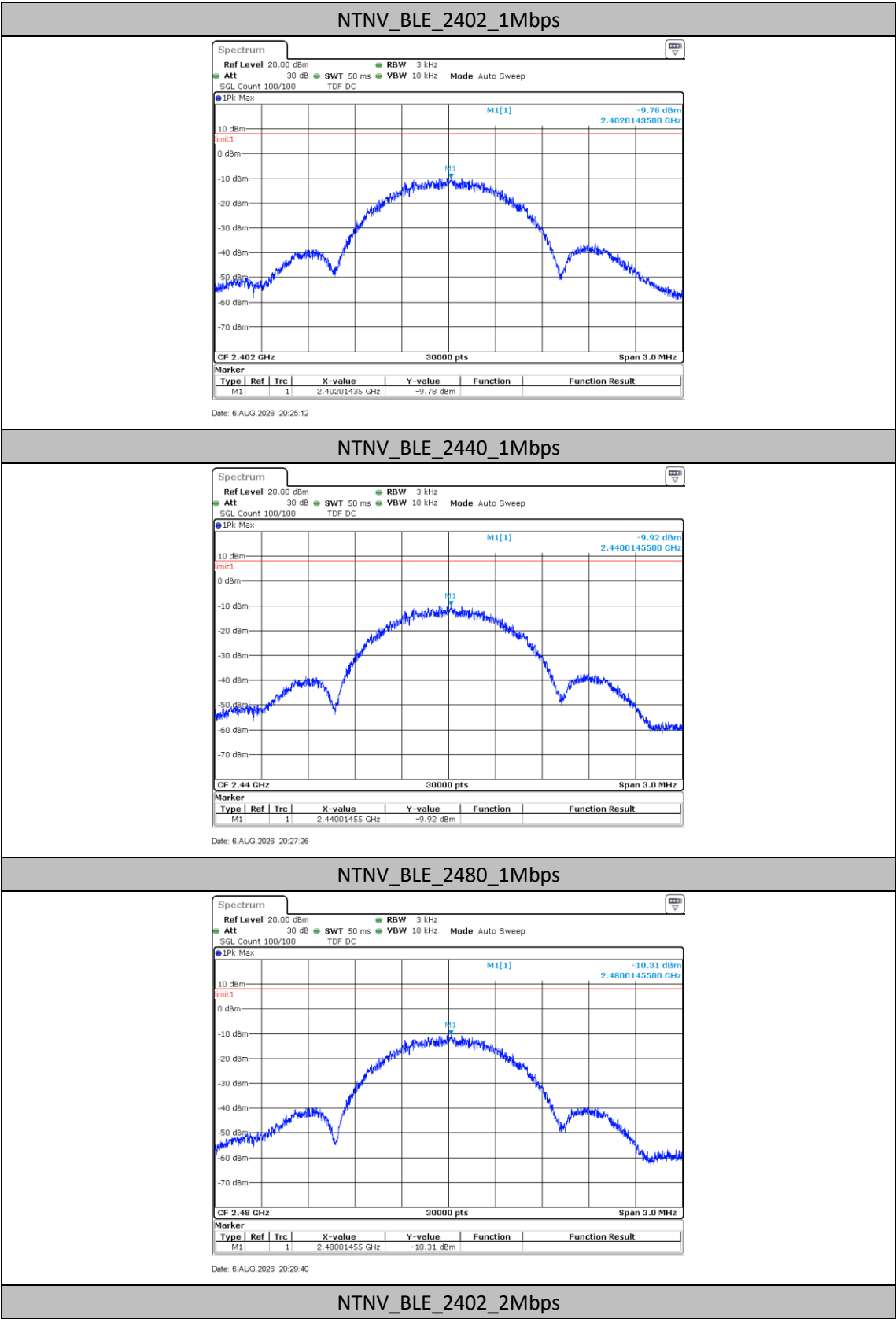


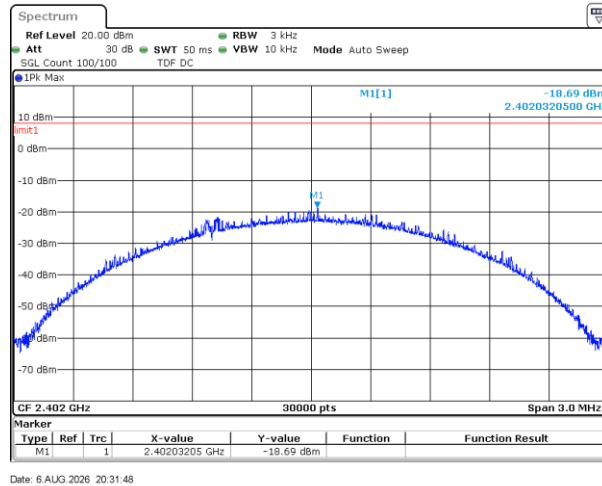
Appendix D: Maximum power spectral density

Test Result

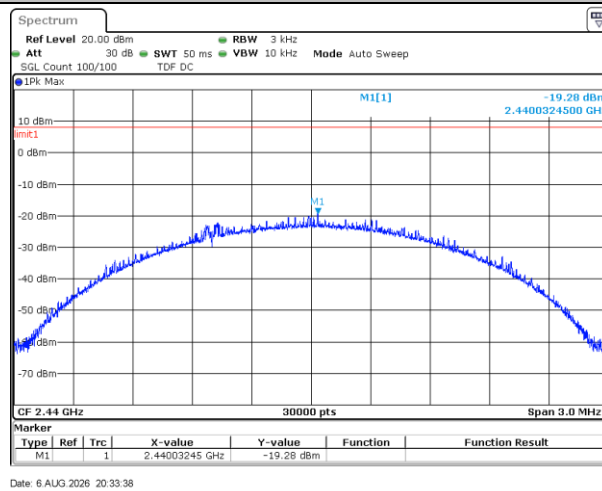
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	-9.78	≤ 8	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	-9.92	≤ 8	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	-10.31	≤ 8	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	-18.69	≤ 8	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	-19.28	≤ 8	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	-19.61	≤ 8	Pass

Test Graphs

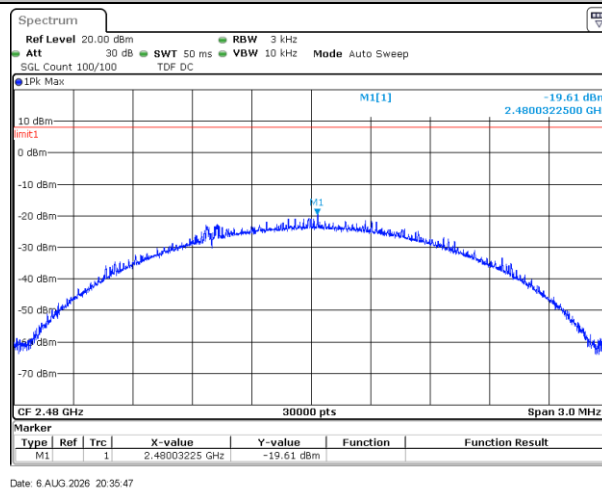




NTNV_BLE_2440_2Mbps



NTNV_BLE_2480_2Mbps



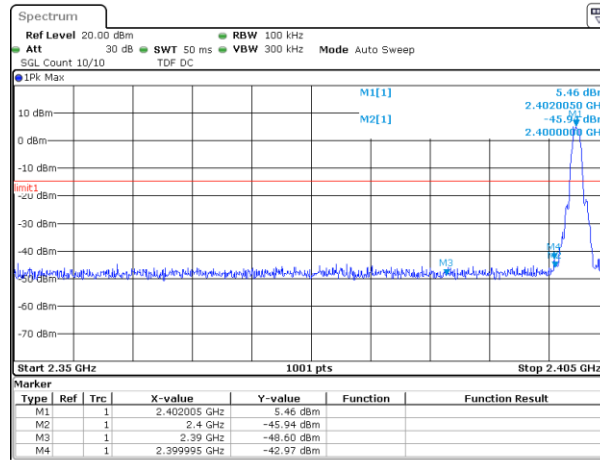
Appendix E: Band edge measurements

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	5.46	-42.98	≤ -14.54	Pass
2	NTNV	BLE	2480	1Mbps	ANT1	4.83	-44.10	≤ -15.17	Pass
3	NTNV	BLE	2402	2Mbps	ANT1	-0.96	-40.68	≤ -20.96	Pass
4	NTNV	BLE	2480	2Mbps	ANT1	-2.45	-44.06	≤ -22.45	Pass

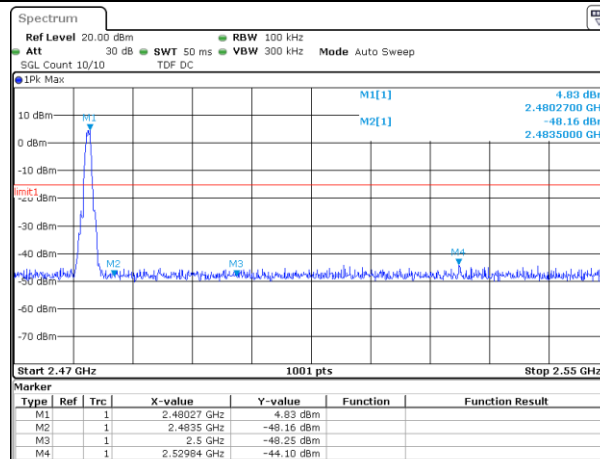
Test Graphs

NTNV_BLE_2402_1Mbps



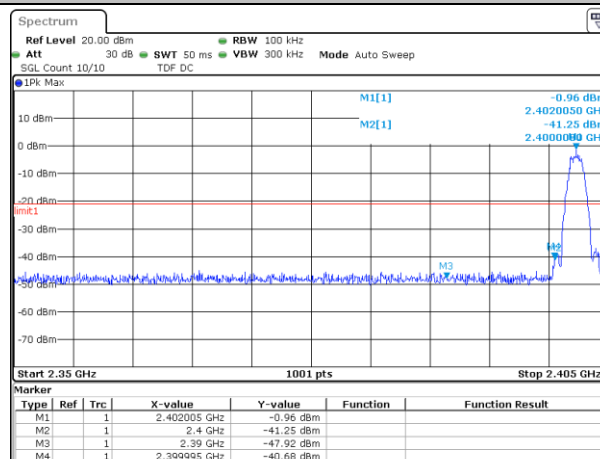
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NTNV_BLE_2480_1Mbps



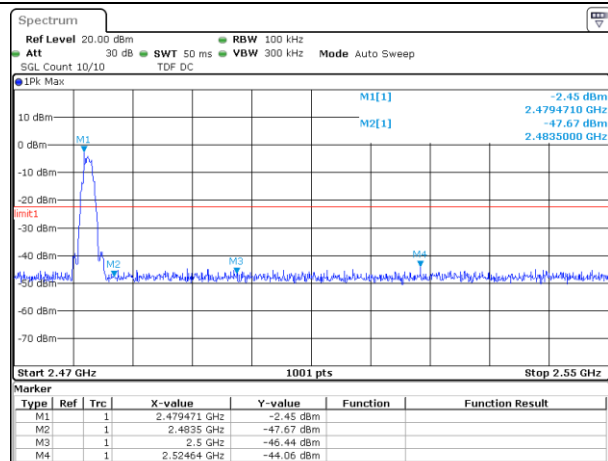
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NTNV_BLE_2402_2Mbps



Date: 6 AUG 2026 20:30:48

NTNV_BLE_2480_2Mbps



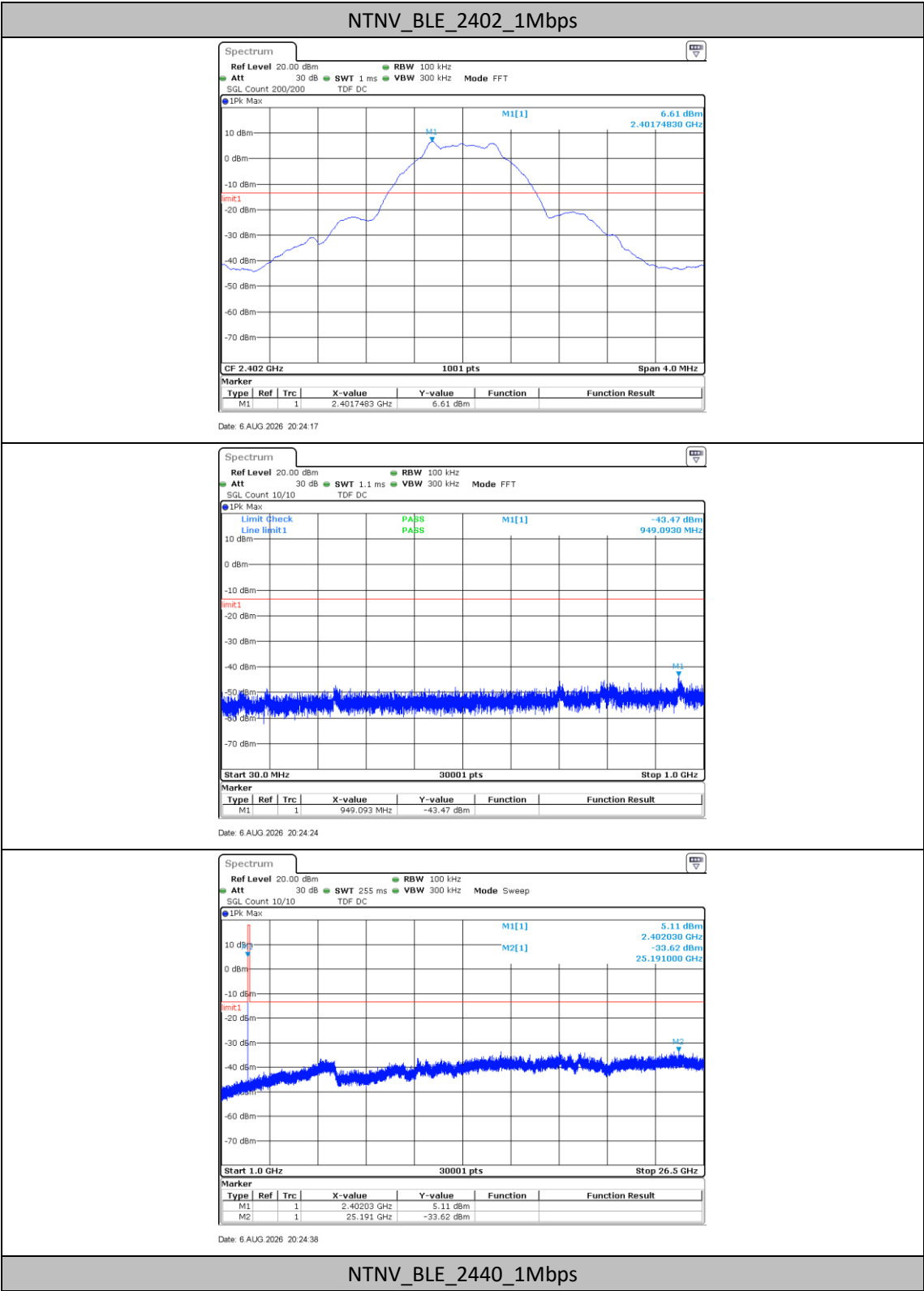
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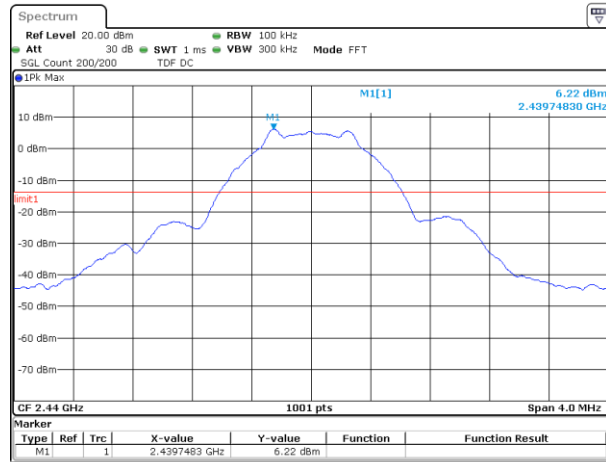
Appendix F: Conducted Spurious Emission

Test Result

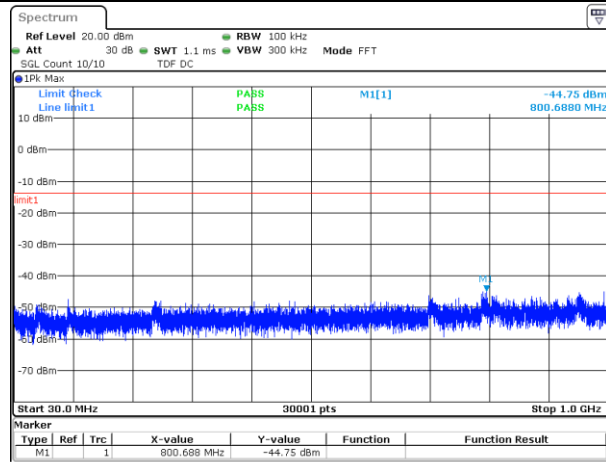
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Frequency Range (MHz)	Ref Level (MHz)	Max Power (dBm)	Limit (dBm)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	Reference	0.1	6.61	/	/
						30~1000	0.1	-43.47	≤-13.39	Pass
						1000~26500	0.1	-33.62	≤-13.39	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	Reference	0.1	6.22	/	/
						30~1000	0.1	-44.75	≤-13.78	Pass
						1000~26500	0.1	-34.10	≤-13.78	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	Reference	0.1	5.63	/	/
						30~1000	0.1	-44.64	≤-14.37	Pass
						1000~26500	0.1	-33.53	≤-14.37	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	Reference	0.1	-0.62	/	/
						30~1000	0.1	-44.91	≤-20.62	Pass
						1000~26500	0.1	-32.92	≤-20.62	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	Reference	0.1	-1.05	/	/
						30~1000	0.1	-45.01	≤-21.05	Pass
						1000~26500	0.1	-32.61	≤-21.05	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	Reference	0.1	-1.53	/	/
						30~1000	0.1	-45.07	≤-21.53	Pass
						1000~26500	0.1	-33.91	≤-21.53	Pass

Test Graphs

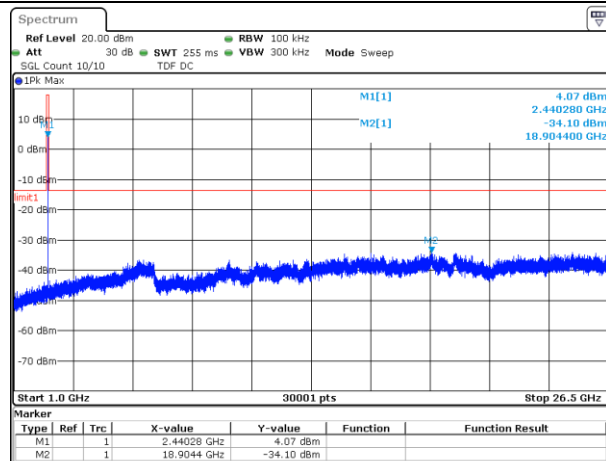




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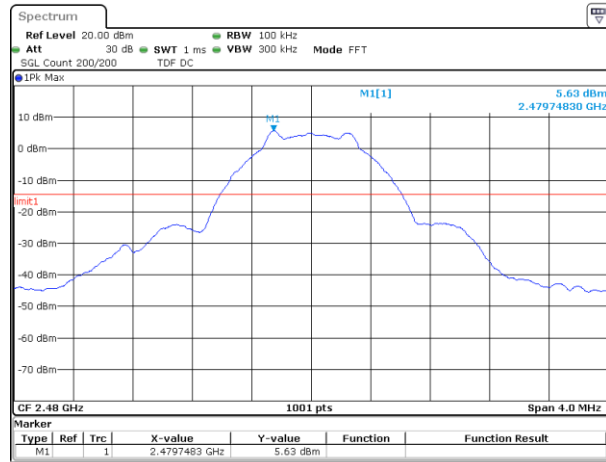


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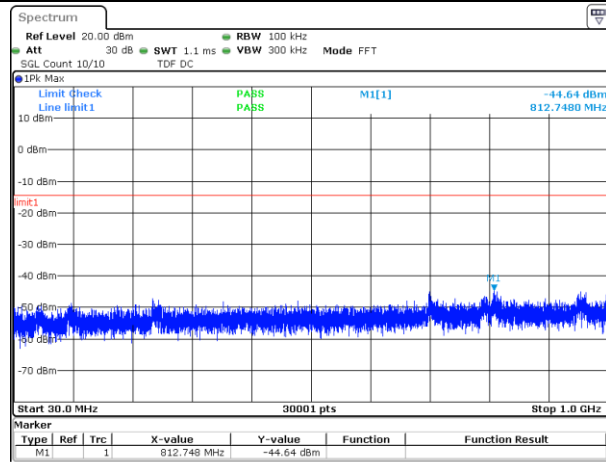


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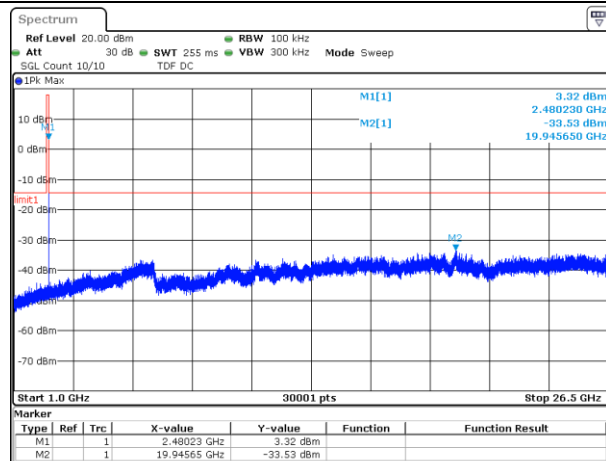
NTNV_BLE_2480_1Mbps



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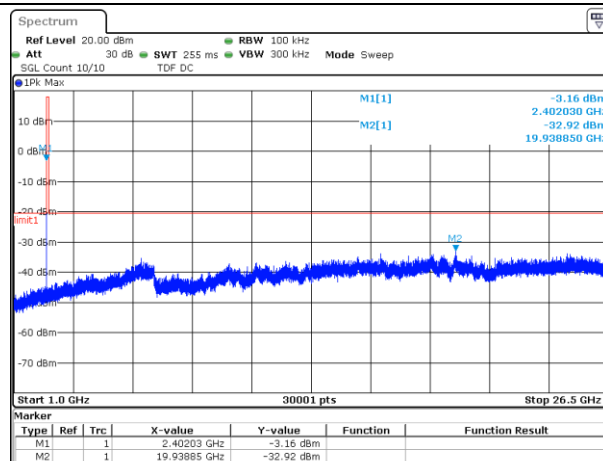
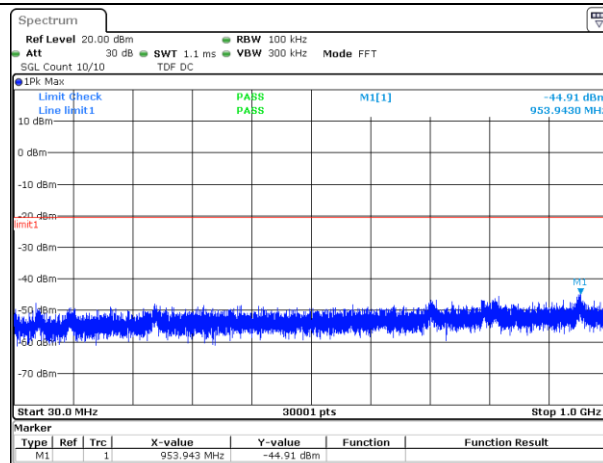
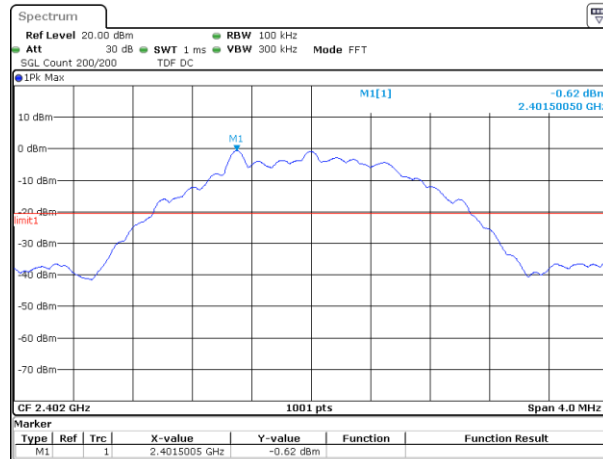


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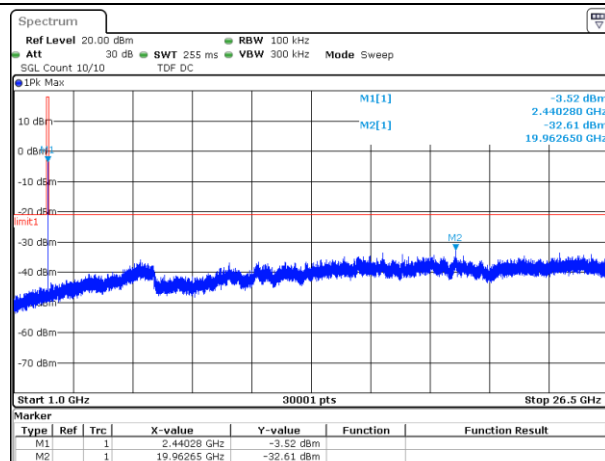
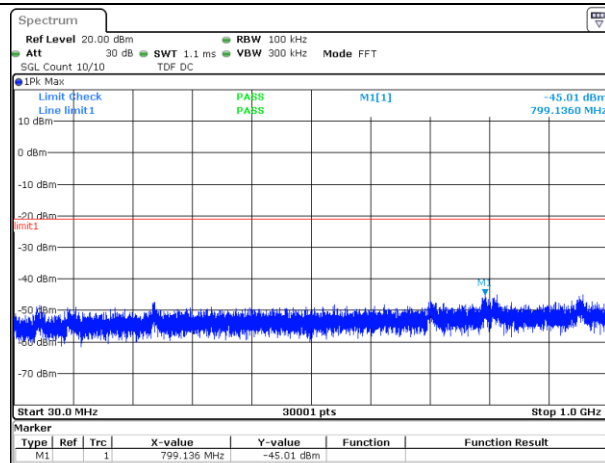
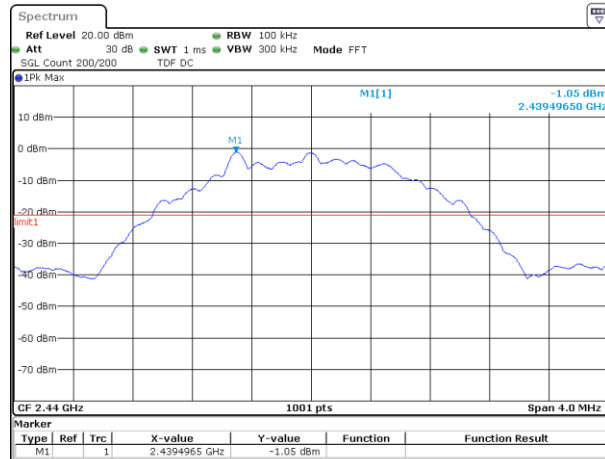


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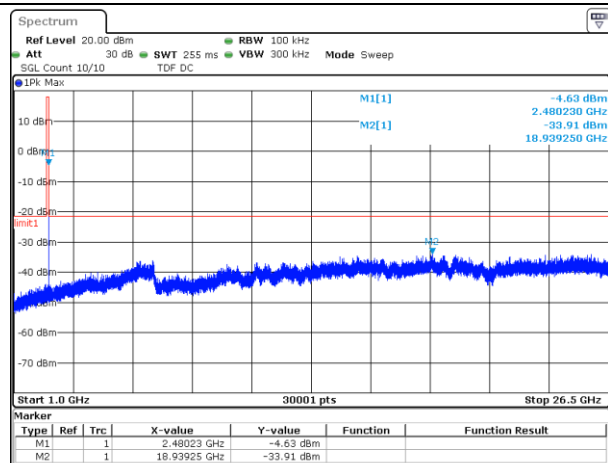
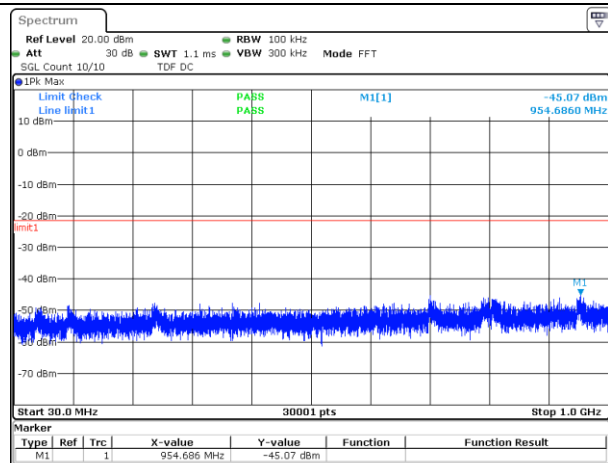
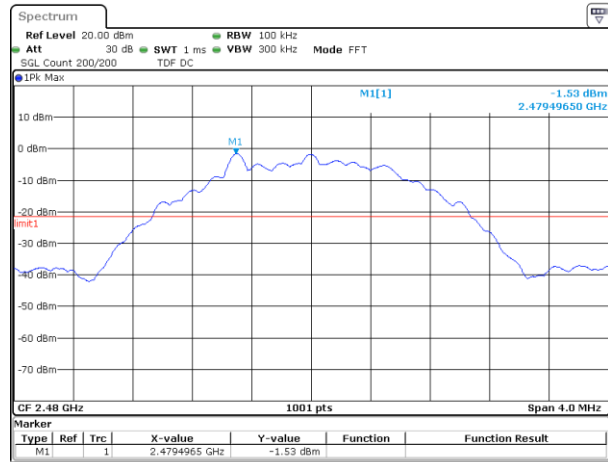
NTNV_BLE_2402_2Mbps



NTNV_BLE_2440_2Mbps



NTNV_BLE_2480_2Mbps

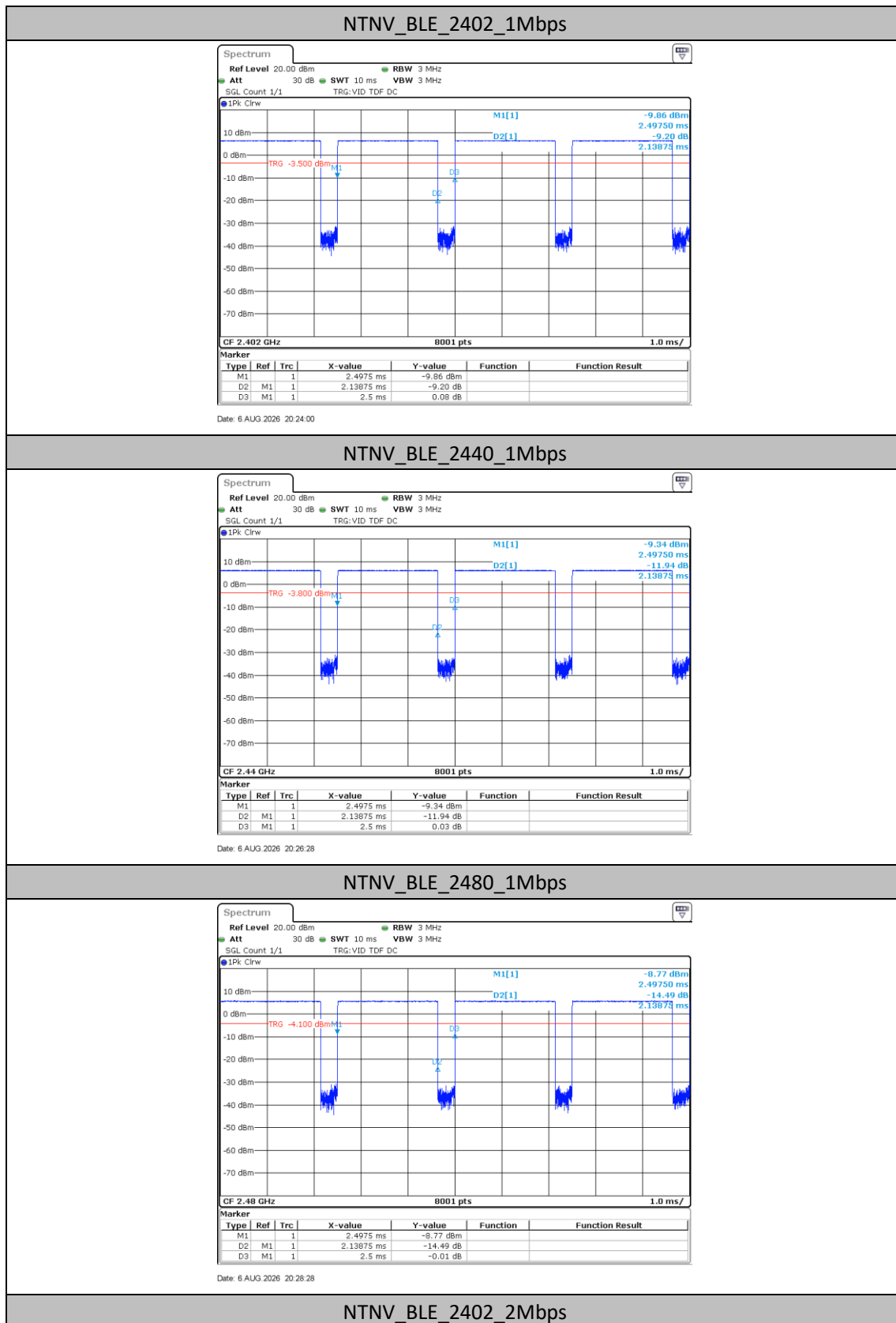


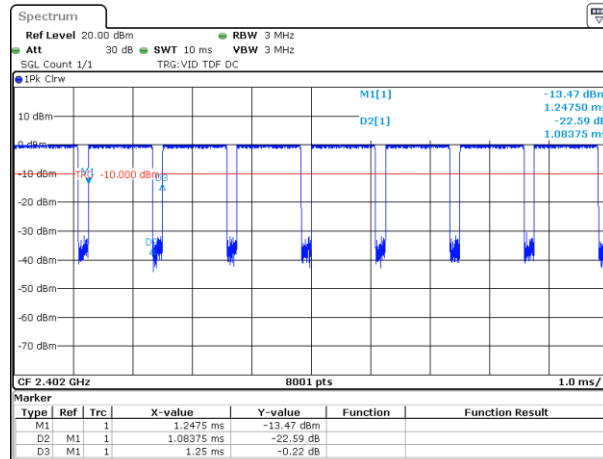
Appendix G: Duty Cycle

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	0.86	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	86.60

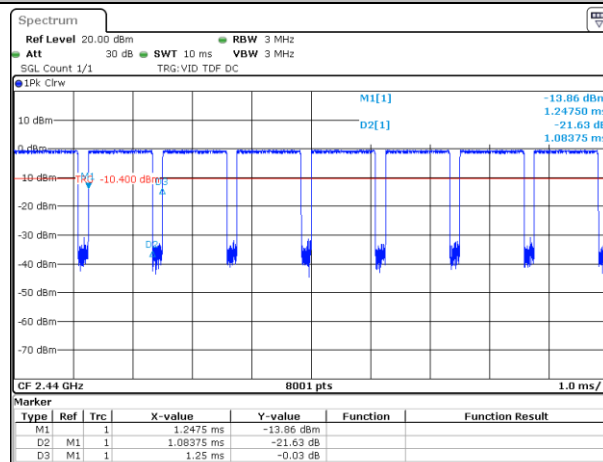
Test Graphs





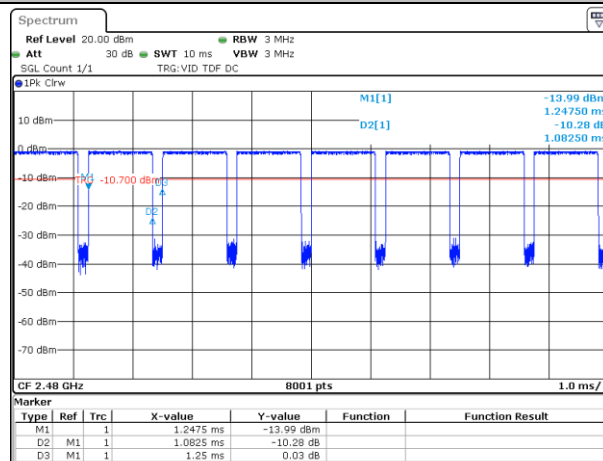
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NTNV_BLE_2440_2Mbps



Date: 6 AUG 2026 20:32:39

NTNV_BLE_2480_2Mbps



Date: 6 AUG 2026 20:34:35