



CQASZ20260902030E-01

Summary

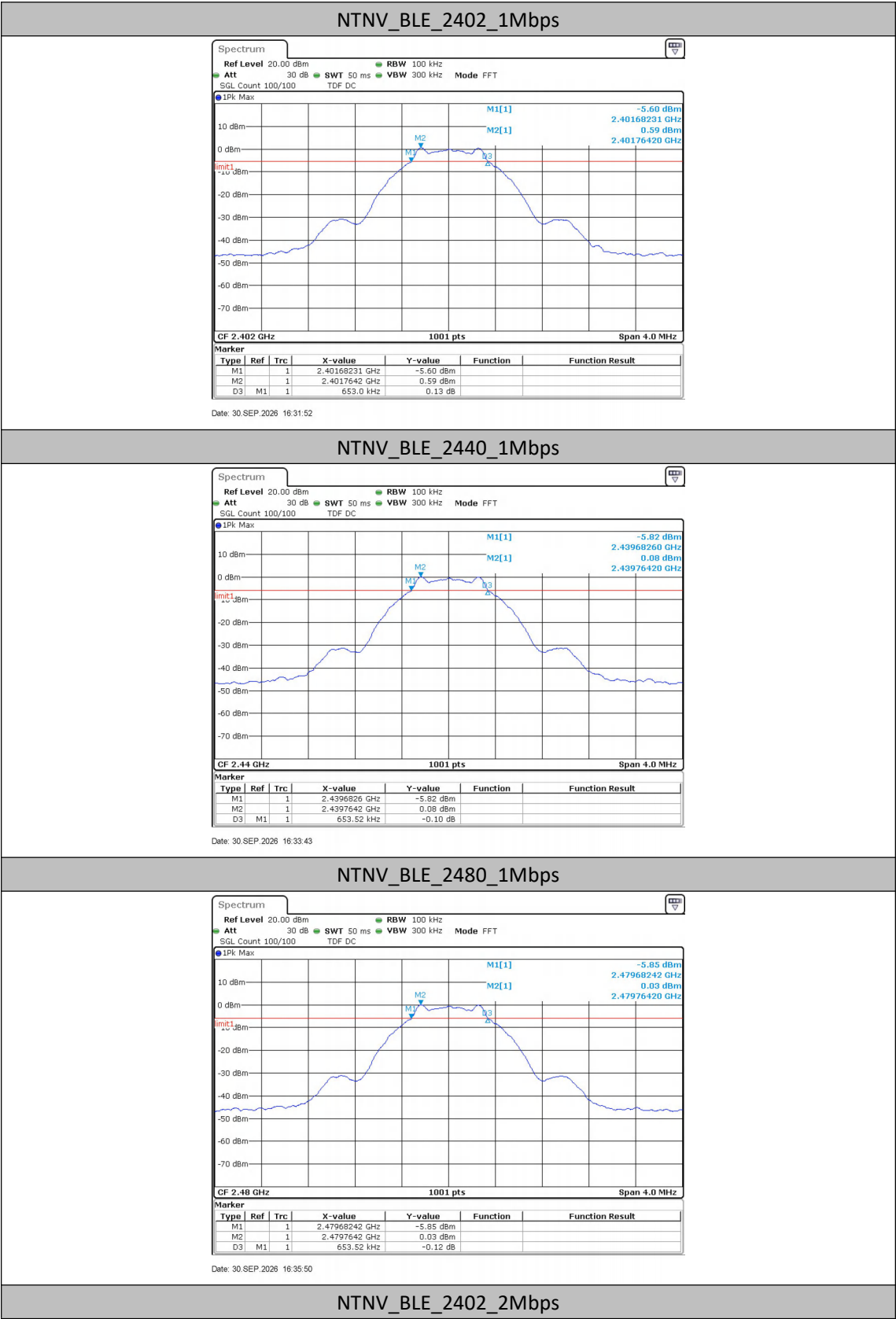
NO.	Item	Verdict
1	DTS Bandwidth	Pass
2	Occupied Channel Bandwidth	Pass
3	Maximum conducted output power	Pass
4	Maximum power spectral density	Pass
5	Band edge measurements	Pass
6	Conducted Spurious Emission	Pass
7	Duty Cycle	Pass

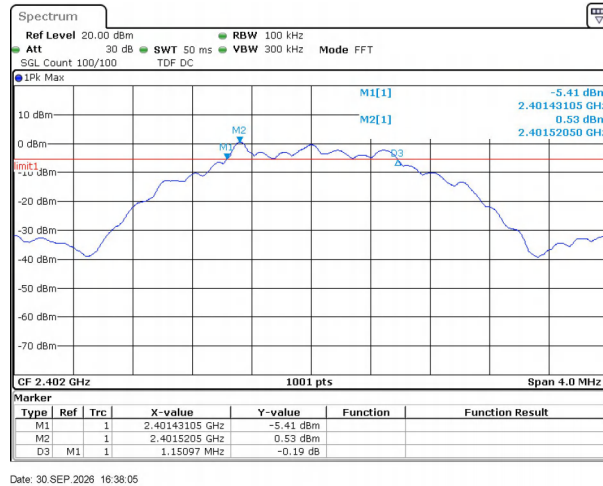
Appendix A: DTS Bandwidth

Test Result

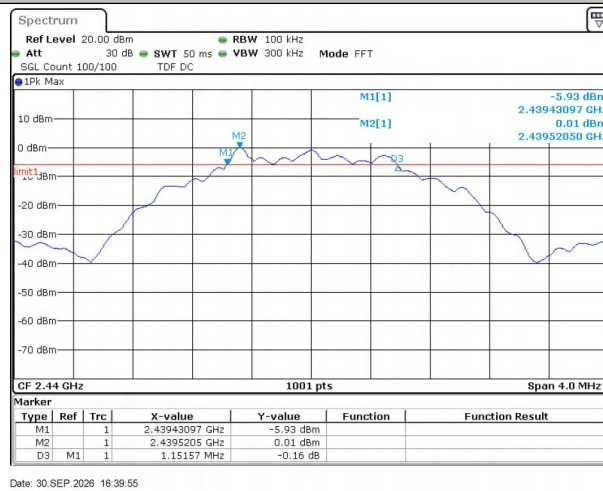
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	6dB Occupy Bandwidth (MHz)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	0.65	2401.68	2402.34	≥ 0.5	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	0.65	2439.68	2440.34	≥ 0.5	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	0.65	2479.68	2480.34	≥ 0.5	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	1.15	2401.43	2402.58	≥ 0.5	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	1.15	2439.43	2440.58	≥ 0.5	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	1.15	2479.43	2480.58	≥ 0.5	Pass

Test Graphs

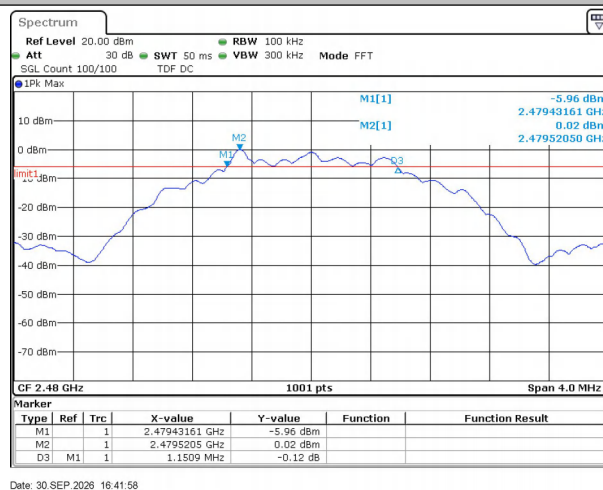




NTNV_BLE_2440_2Mbps



NTNV_BLE_2480_2Mbps

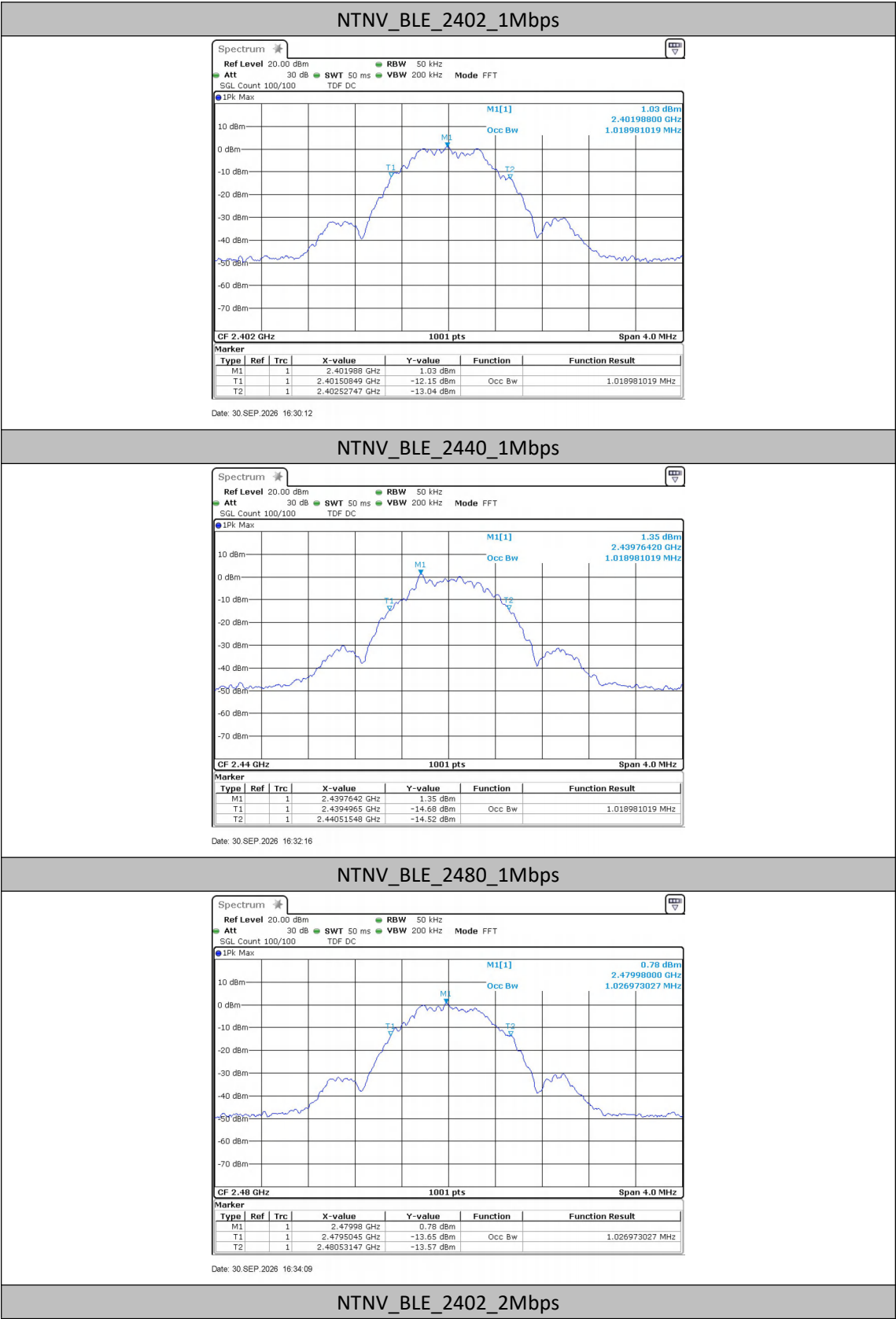


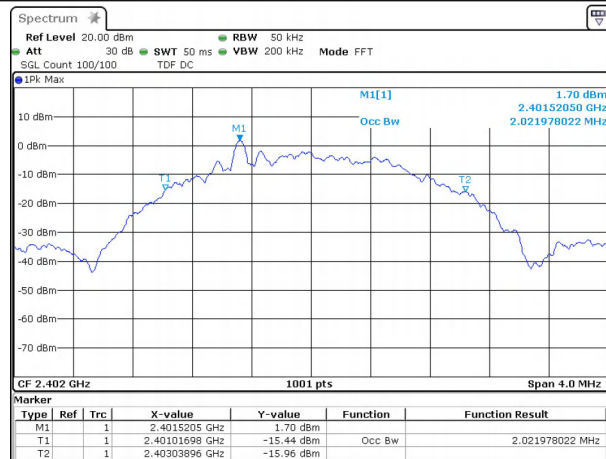
Appendix B: Occupied Channel Bandwidth

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	1.02	-	2401.51	2402.53	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	1.02	-	2439.50	2440.52	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	1.03	-	2479.50	2480.53	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	2.02	-	2401.02	2403.04	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	2.04	-	2439.01	2441.05	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	2.05	-	2479.00	2481.05	Pass

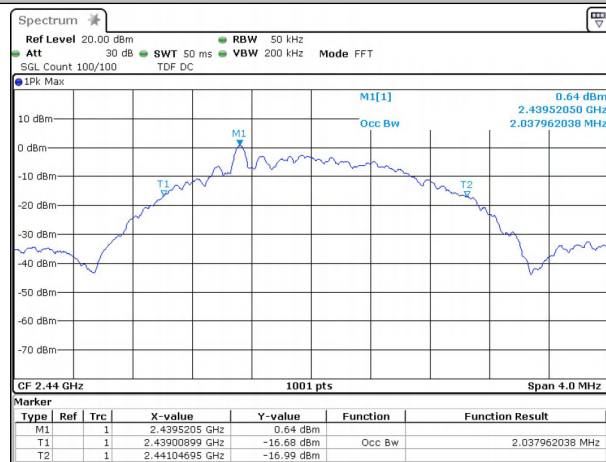
Test Graphs





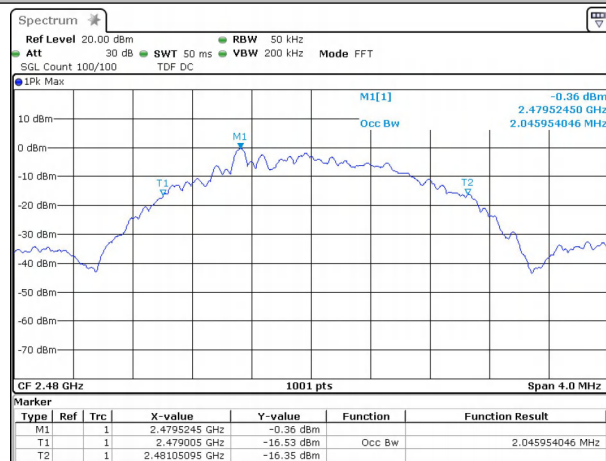
Date: 30.SEP.2026 16:38:24

NTNV_BLE_2440_2Mbps



Date: 30.SEP.2026 16:38:28

NTNV_BLE_2480_2Mbps



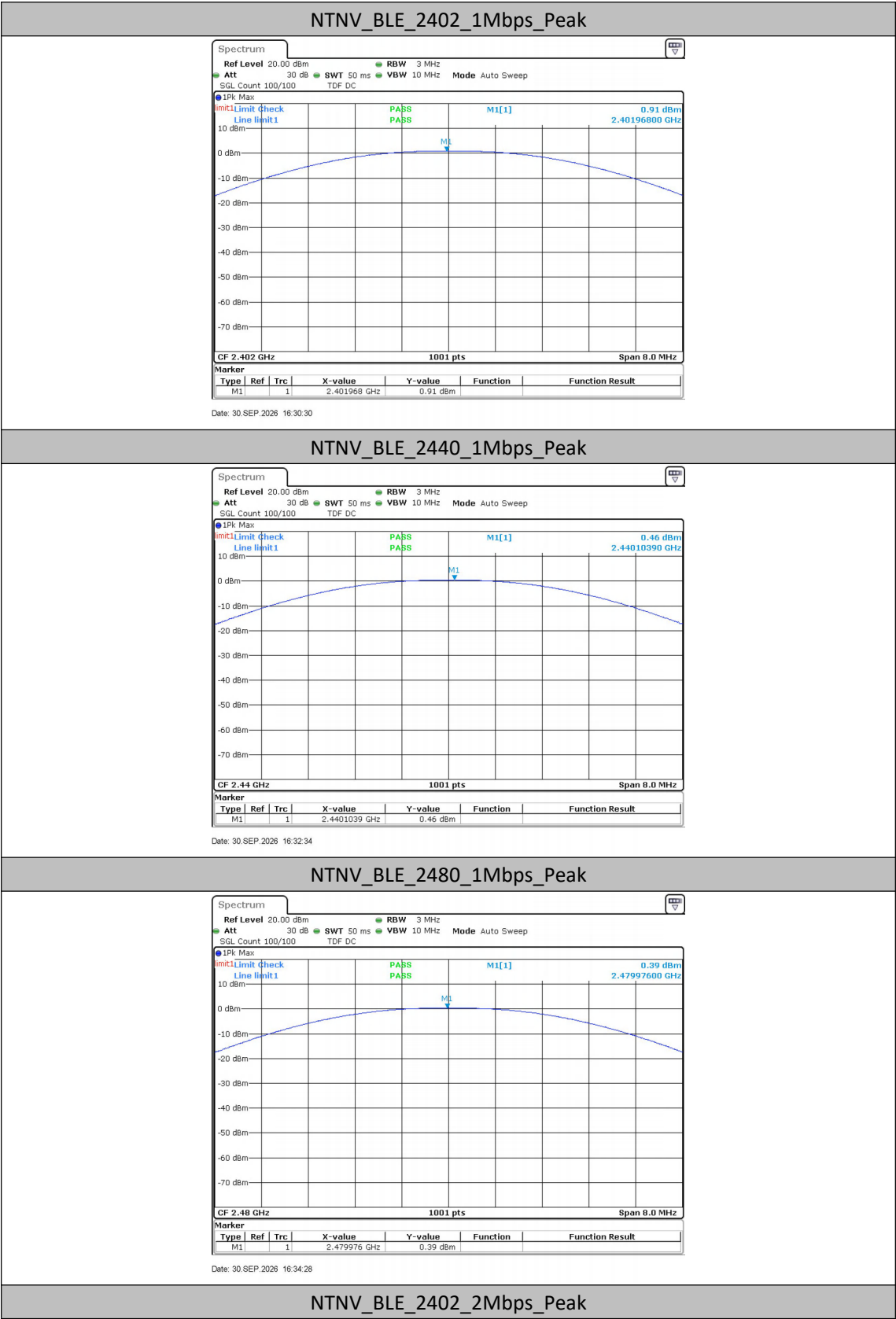
Date: 30.SEP.2026 16:40:17

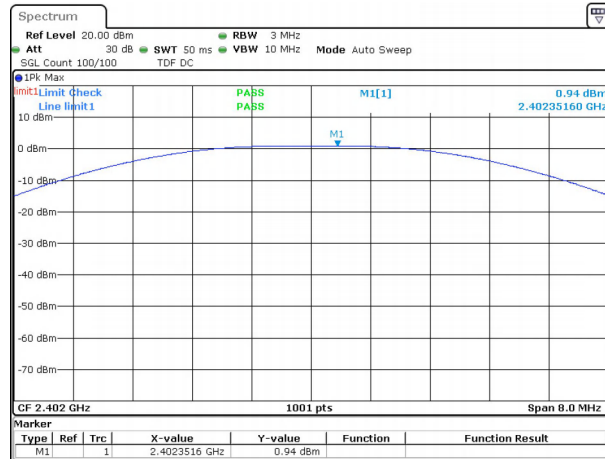
Appendix C: Maximum conducted output power

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Conducted Peak Power (dBm)	Conducted Limit (dBm)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	0.91	≤ 30	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	0.46	≤ 30	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	0.39	≤ 30	Pass
4	NTNV	BLE	2402	1Mbps	ANT1	0.94	≤ 30	Pass
5	NTNV	BLE	2440	1Mbps	ANT1	0.42	≤ 30	Pass
6	NTNV	BLE	2480	1Mbps	ANT1	0.31	≤ 30	Pass

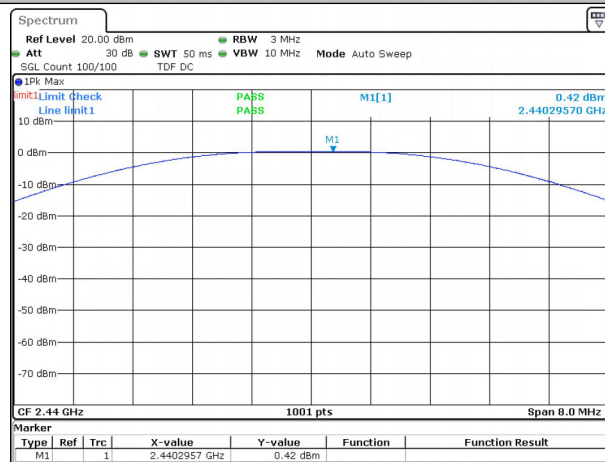
Test Graphs





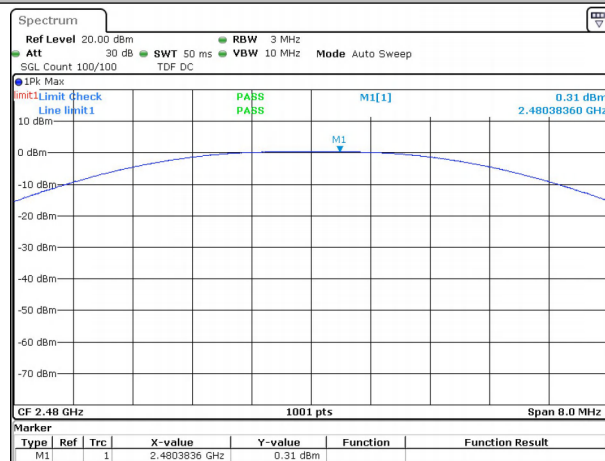
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NTNV_BLE_2440_2Mbps_Peak



Date: 30 SEP 2026 16:38:47

NTNV_BLE_2480_2Mbps_Peak



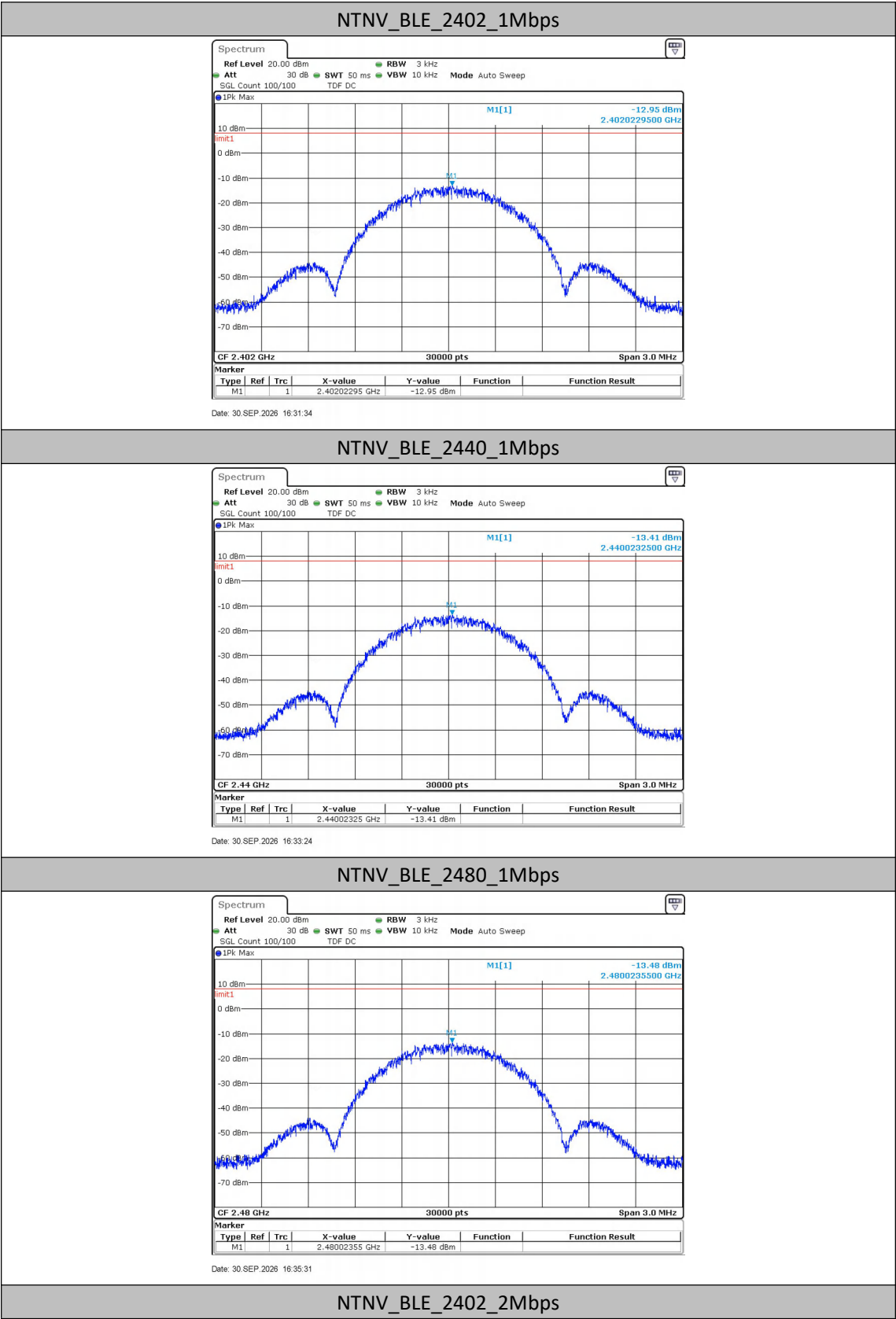
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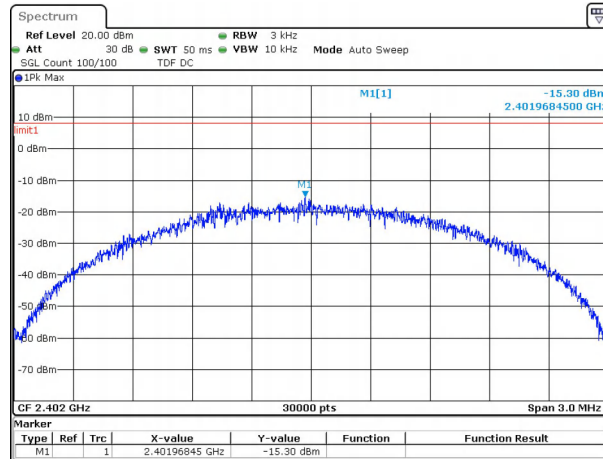
Appendix D: Maximum power spectral density

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	-12.95	≤ 8	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	-13.41	≤ 8	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	-13.48	≤ 8	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	-15.30	≤ 8	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	-15.79	≤ 8	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	-15.88	≤ 8	Pass

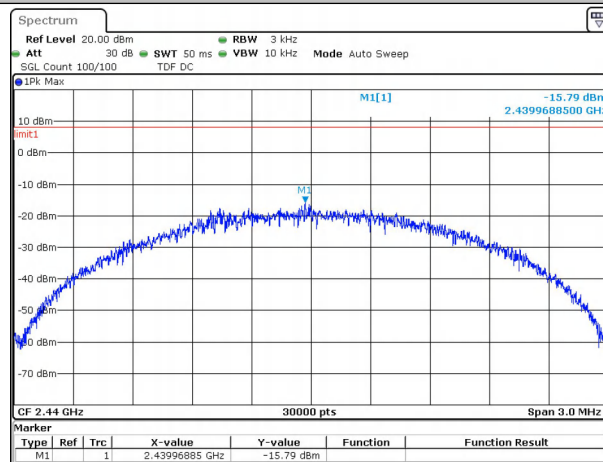
Test Graphs





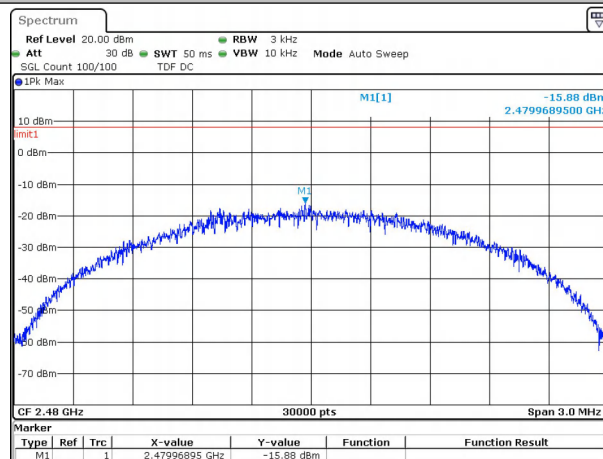
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NTNV_BLE_2440_2Mbps



Date: 30.SEP.2026 16:39:37

NTNV_BLE_2480_2Mbps



Date: 30.SEP.2026 16:41:39

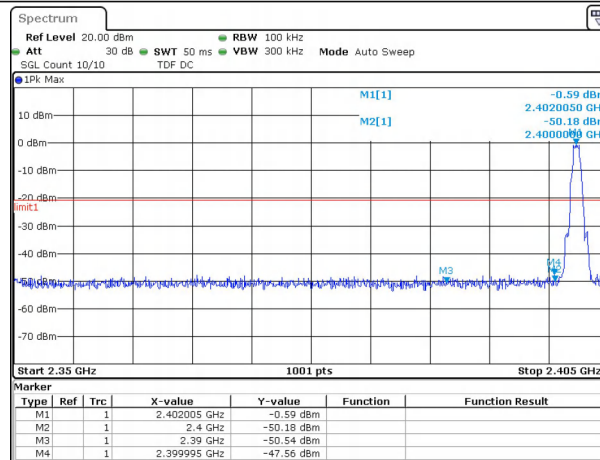
Appendix E: Band edge measurements

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	-0.59	-47.56	≤ -20.59	Pass
2	NTNV	BLE	2480	1Mbps	ANT1	-0.86	-46.06	≤ -20.86	Pass
3	NTNV	BLE	2402	2Mbps	ANT1	-0.57	-34.91	≤ -20.57	Pass
4	NTNV	BLE	2480	2Mbps	ANT1	-3.12	-47.44	≤ -23.12	Pass

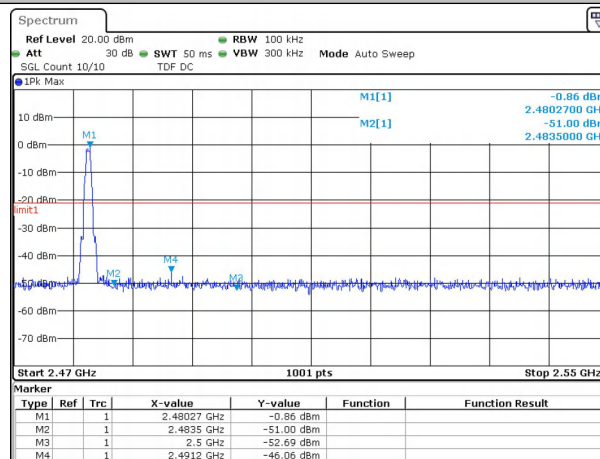
Test Graphs

NTNV_BLE_2402_1Mbps



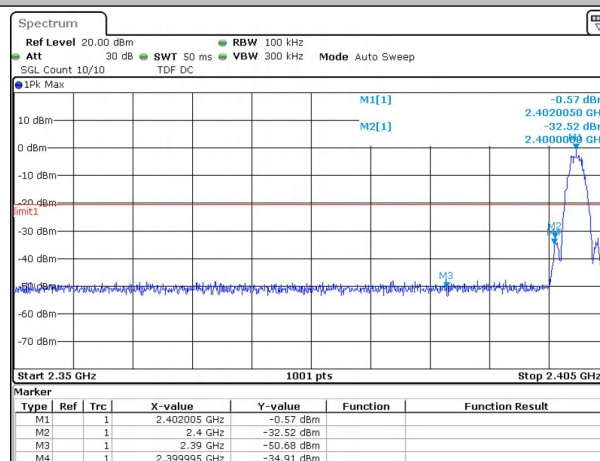
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NTNV_BLE_2480_1Mbps



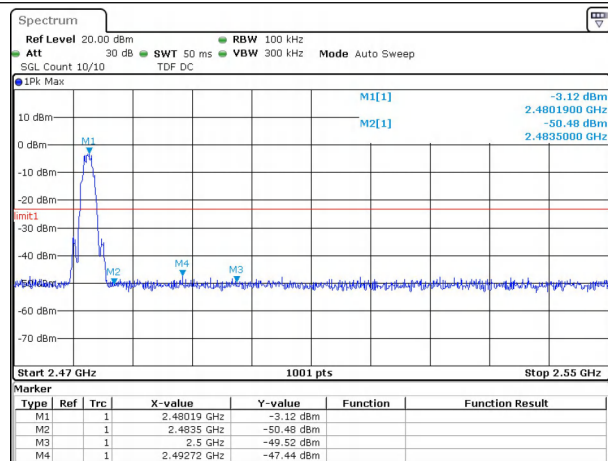
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NTNV_BLE_2402_2Mbps



Date: 30.SEP.2026 16:36:46

NTNV_BLE_2480_2Mbps



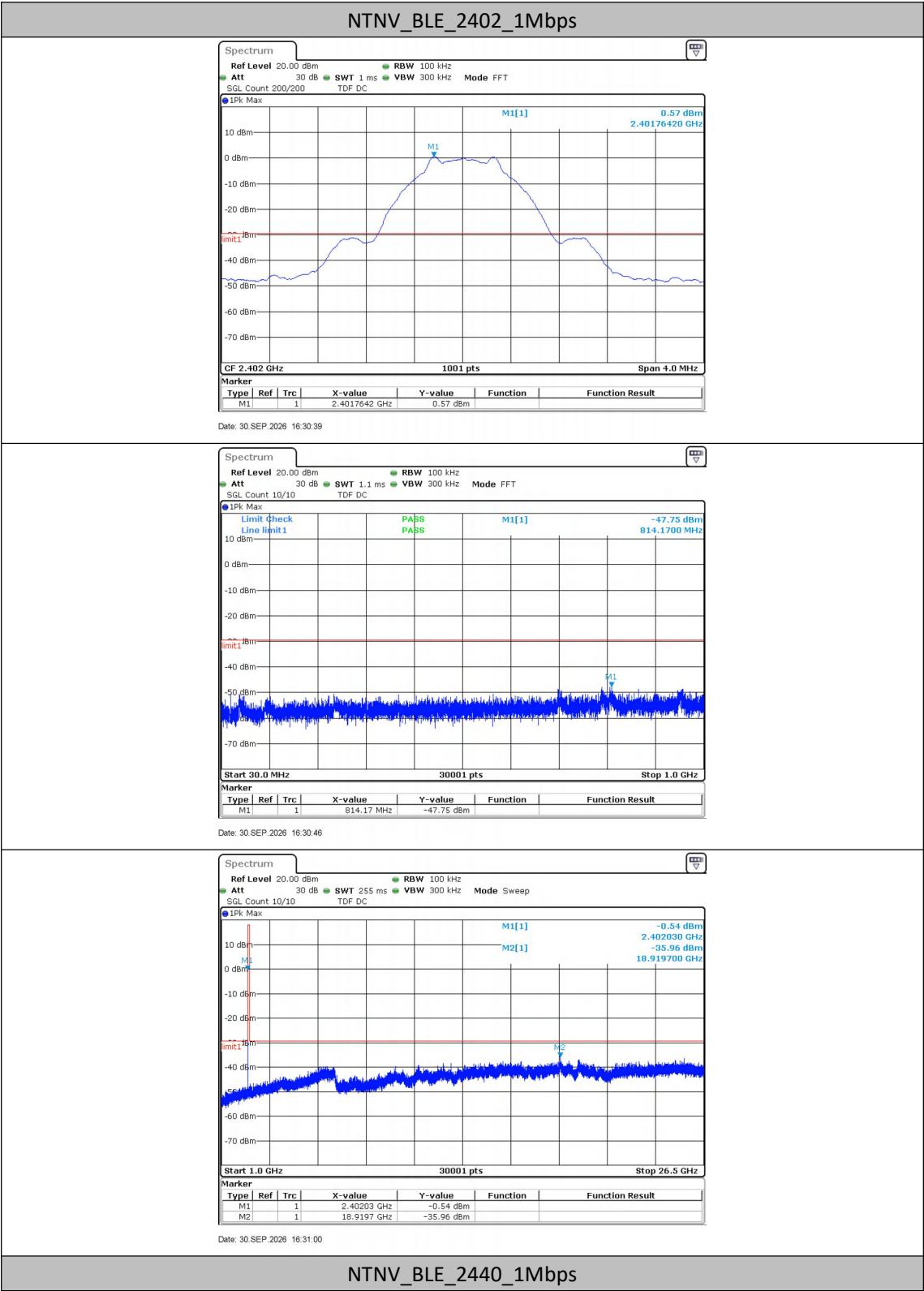
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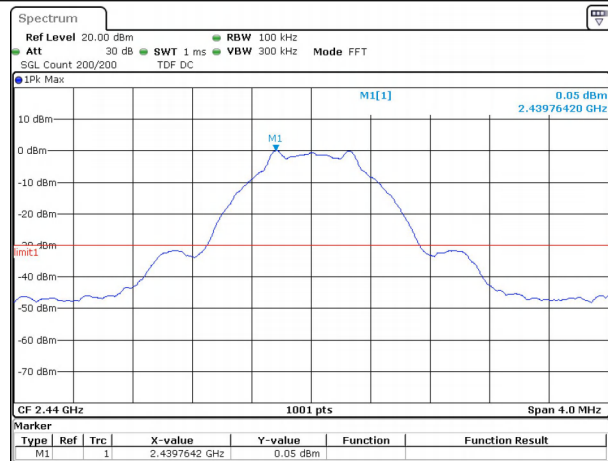
Appendix F: Conducted Spurious Emission

Test Result

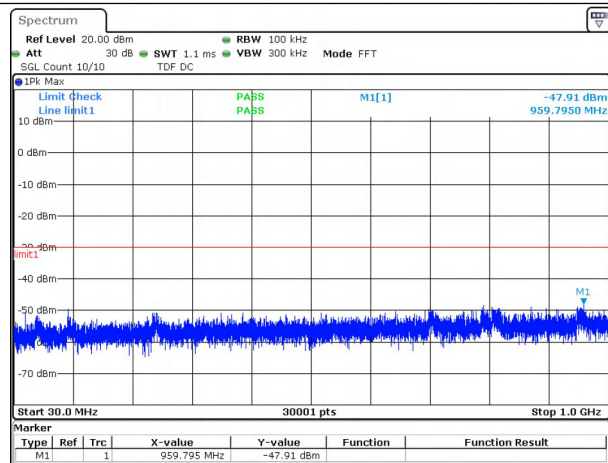
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Frequency Range (MHz)	Ref Level (MHz)	Max Power (dBm)	Limit (dBm)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	Reference	0.1	0.57	/	/
						30~1000	0.1	-47.75	≤-29.43	Pass
						1000~26500	0.1	-35.96	≤-29.43	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	Reference	0.1	0.05	/	/
						30~1000	0.1	-47.91	≤-29.95	Pass
						1000~26500	0.1	-36.52	≤-29.95	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	Reference	0.1	0.02	/	/
						30~1000	0.1	-47.74	≤-29.98	Pass
						1000~26500	0.1	-36.56	≤-29.98	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	Reference	0.1	0.52	/	/
						30~1000	0.1	-48.40	≤-29.48	Pass
						1000~26500	0.1	-37.02	≤-29.48	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	Reference	0.1	-0.03	/	/
						30~1000	0.1	-46.19	≤-30.03	Pass
						1000~26500	0.1	-35.66	≤-30.03	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	Reference	0.1	-0.03	/	/
						30~1000	0.1	-47.01	≤-30.03	Pass
						1000~26500	0.1	-36.09	≤-30.03	Pass

Test Graphs

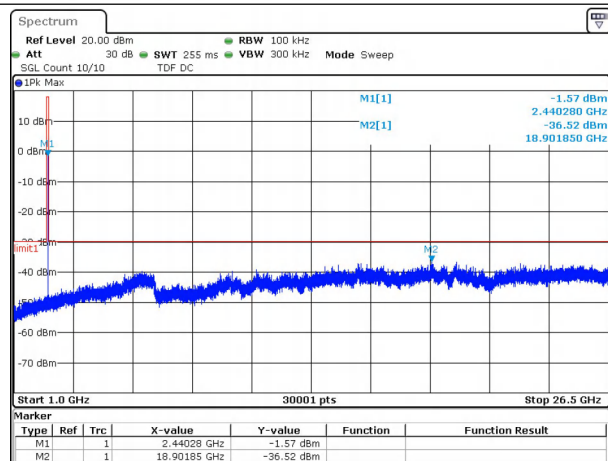




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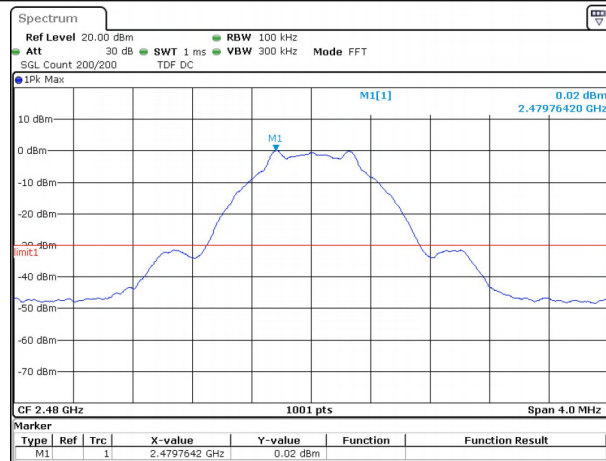


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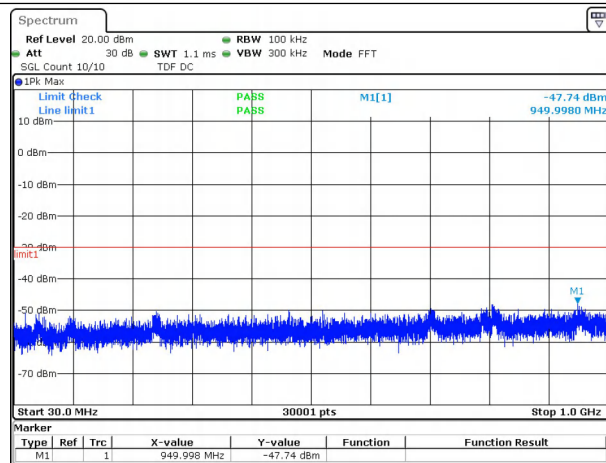


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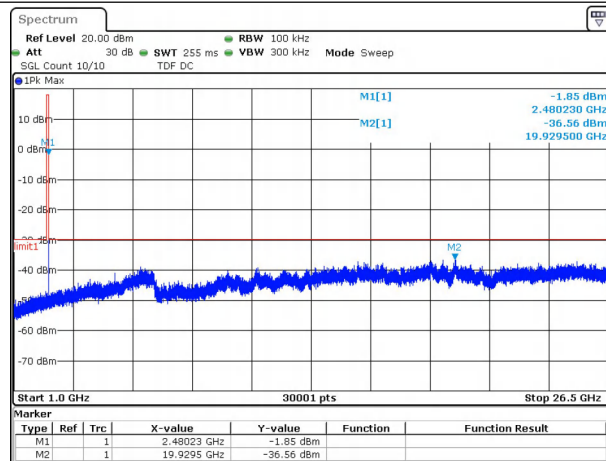
NTNV_BLE_2480_1Mbps



Date: 30 SEP 2026 16:34:37

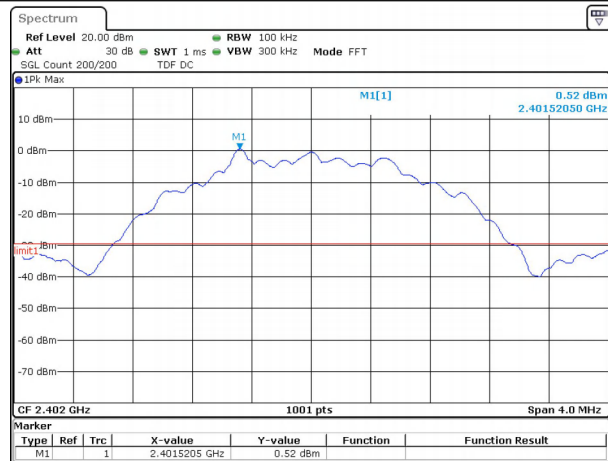


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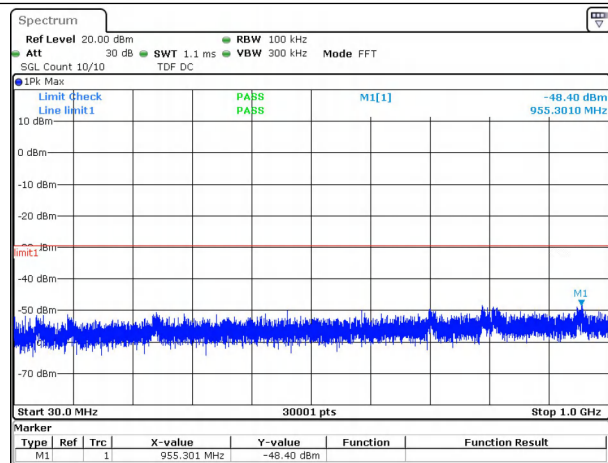


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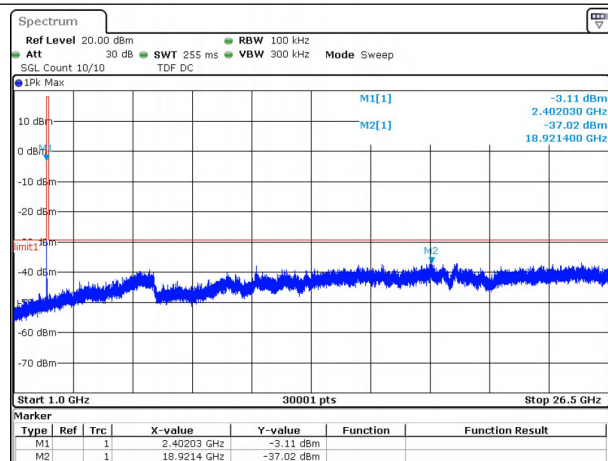
NTNV_BLE_2402_2Mbps



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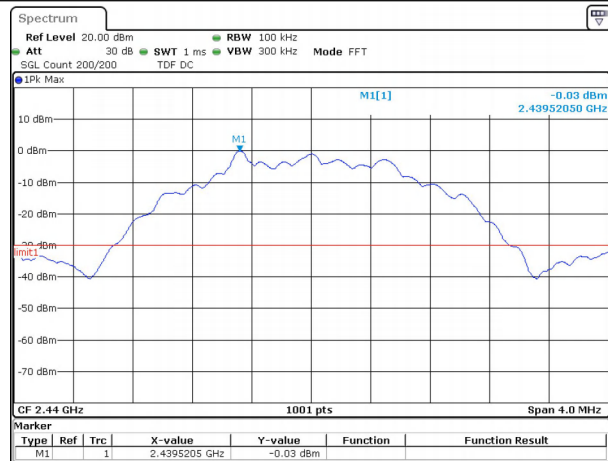


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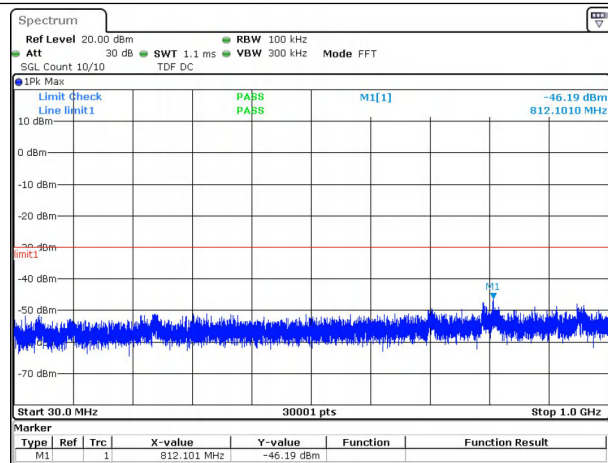


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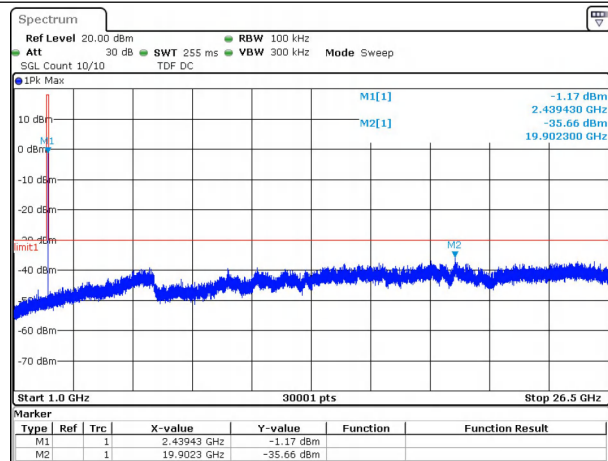
NTNV_BLE_2440_2Mbps



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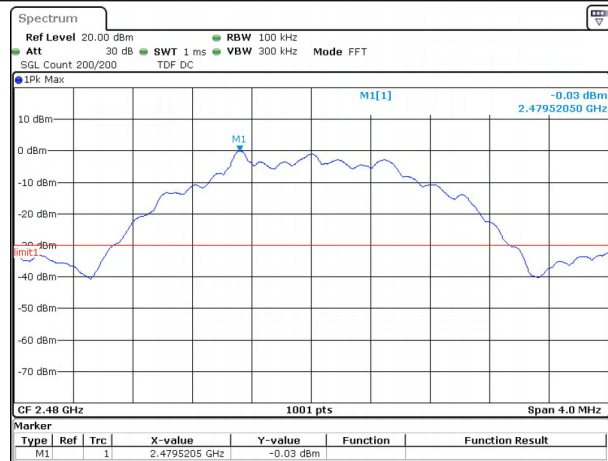


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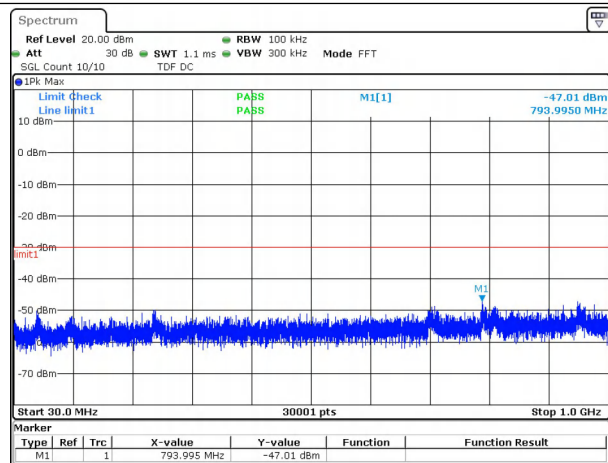


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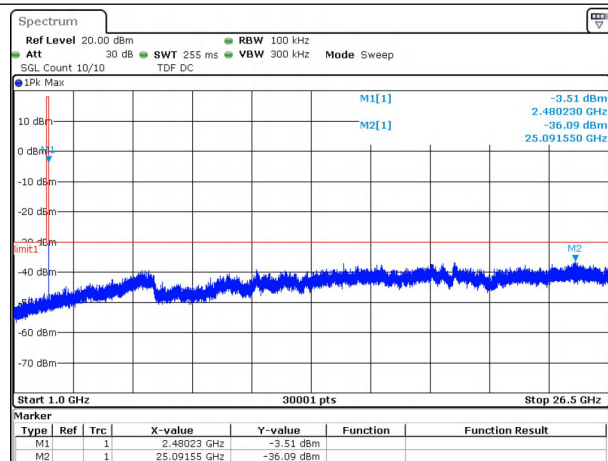
NTNV_BLE_2480_2Mbps



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Date: 30 SEP 2026 16:40:51



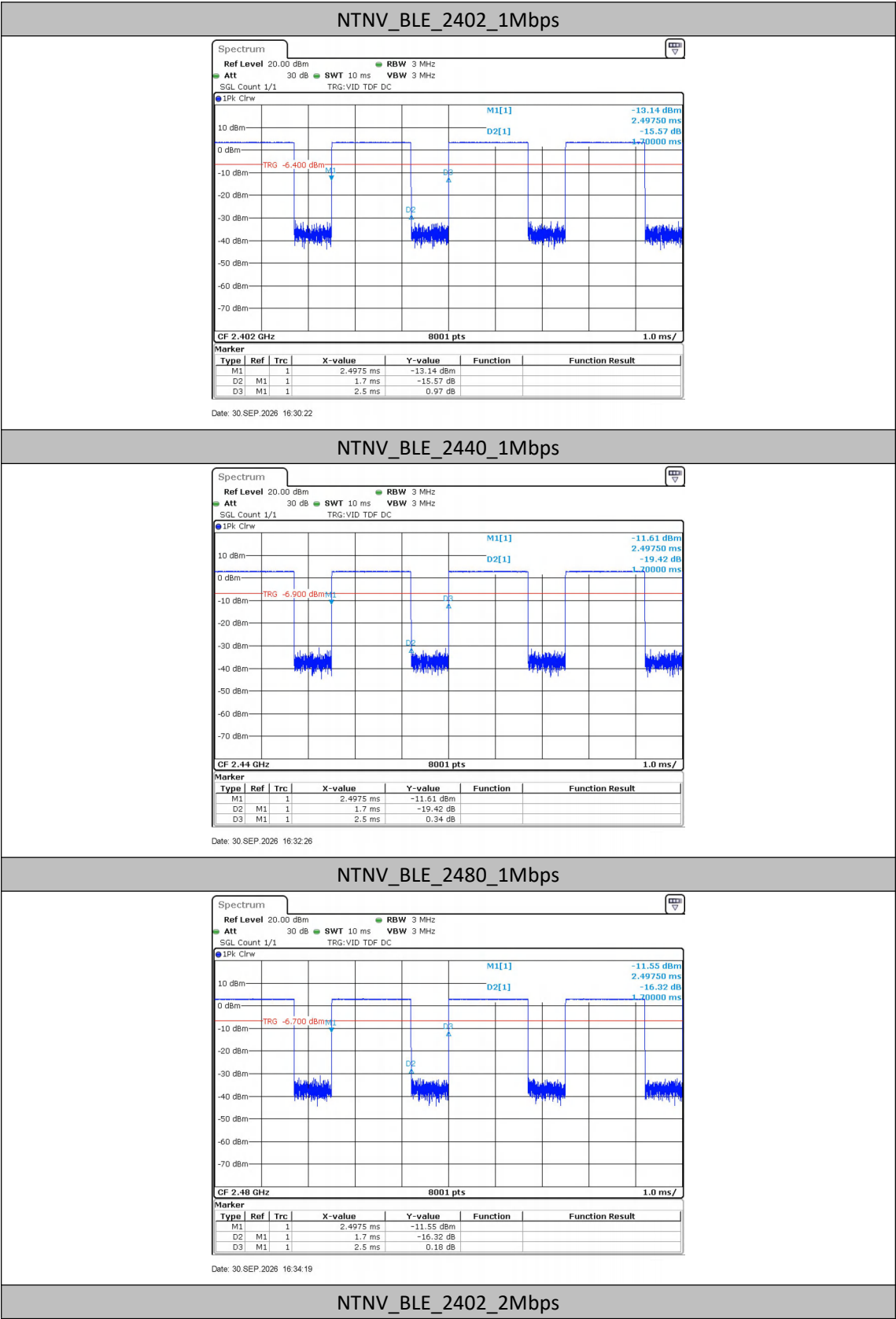
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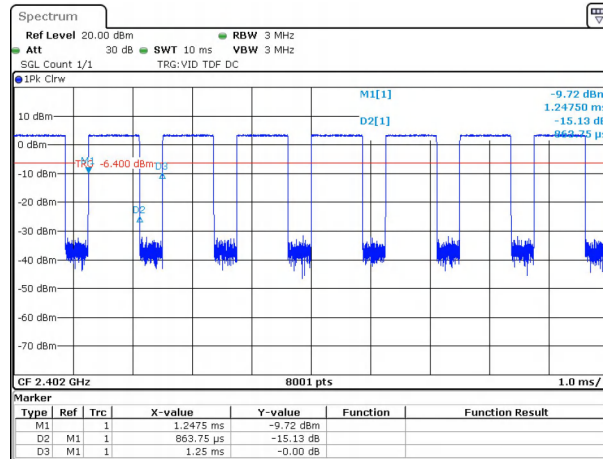
Appendix G: Duty Cycle

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	1.70	2.50	0.68	68.00
2	NTNV	BLE	2440	1Mbps	ANT1	1.70	2.50	0.68	68.00
3	NTNV	BLE	2480	1Mbps	ANT1	1.70	2.50	0.68	68.00
4	NTNV	BLE	2402	2Mbps	ANT1	0.86	1.25	0.69	69.10
5	NTNV	BLE	2440	2Mbps	ANT1	0.86	1.25	0.69	69.10
6	NTNV	BLE	2480	2Mbps	ANT1	0.86	1.25	0.69	69.10

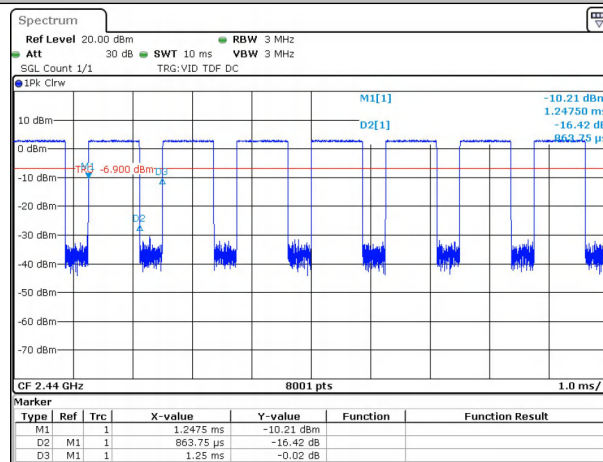
Test Graphs





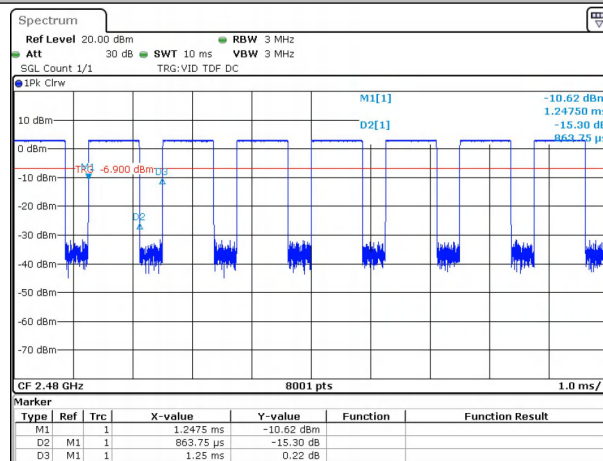
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NTNV_BLE_2440_2Mbps



Date: 30.SEP.2026 16:38:38

NTNV_BLE_2480_2Mbps



Date: 30.SEP.2026 16:40:27