



CQASZ20260701609E-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	Emissions in Restricted Bands	Pass
8	Duty Cycle	Pass

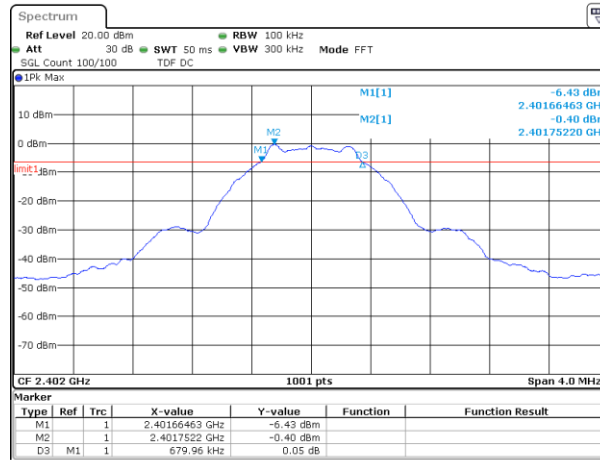
Appendix A: DTS Bandwidth

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	2440.35	≥ 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	2439.43	2440.57	≥ 0.5	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	1.14	2479.43	2480.57	≥ 0.5	Pass

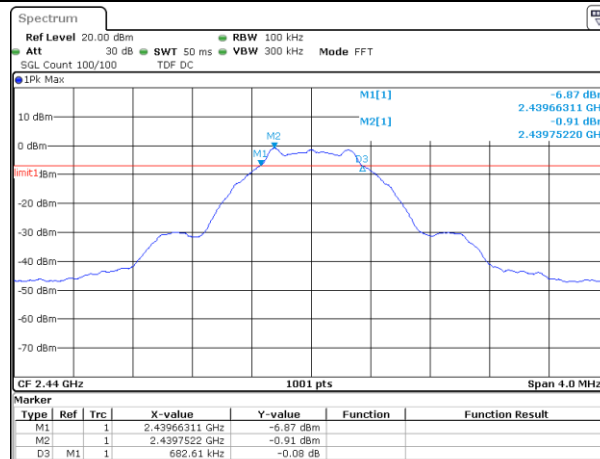
Test Graphs

NTNV_BLE_2402_1Mbps



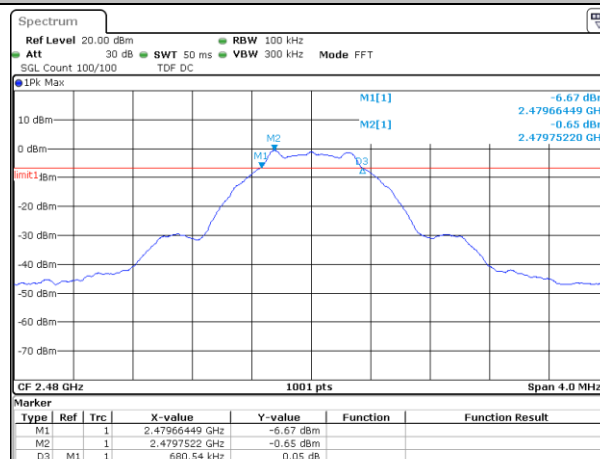
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NTNV_BLE_2440_1Mbps



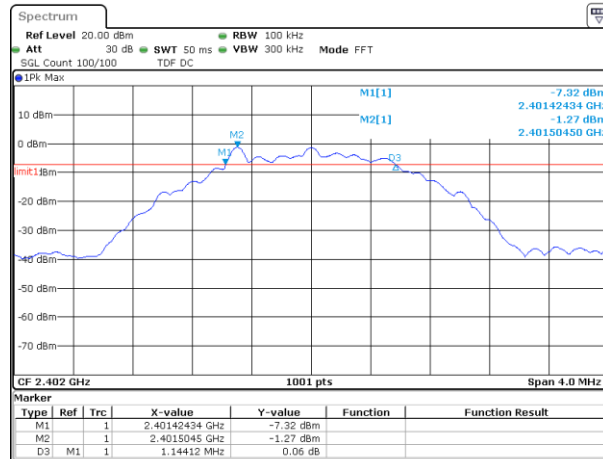
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NTNV_BLE_2480_1Mbps



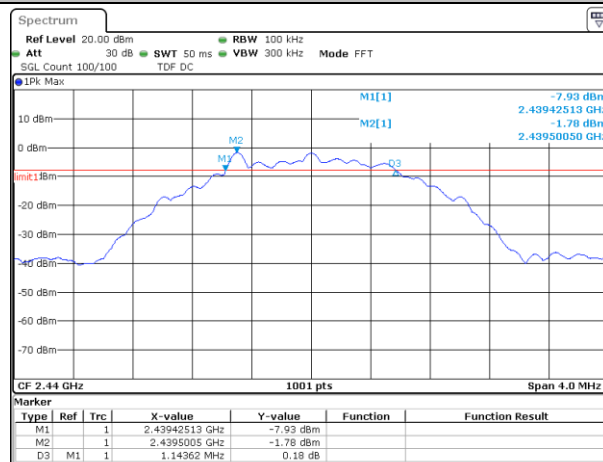
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NTNV_BLE_2402_2Mbps



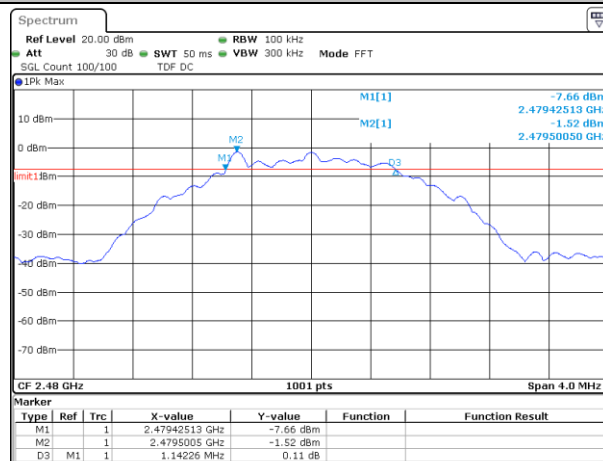
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NTNV_BLE_2440_2Mbps



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NTNV_BLE_2480_2Mbps



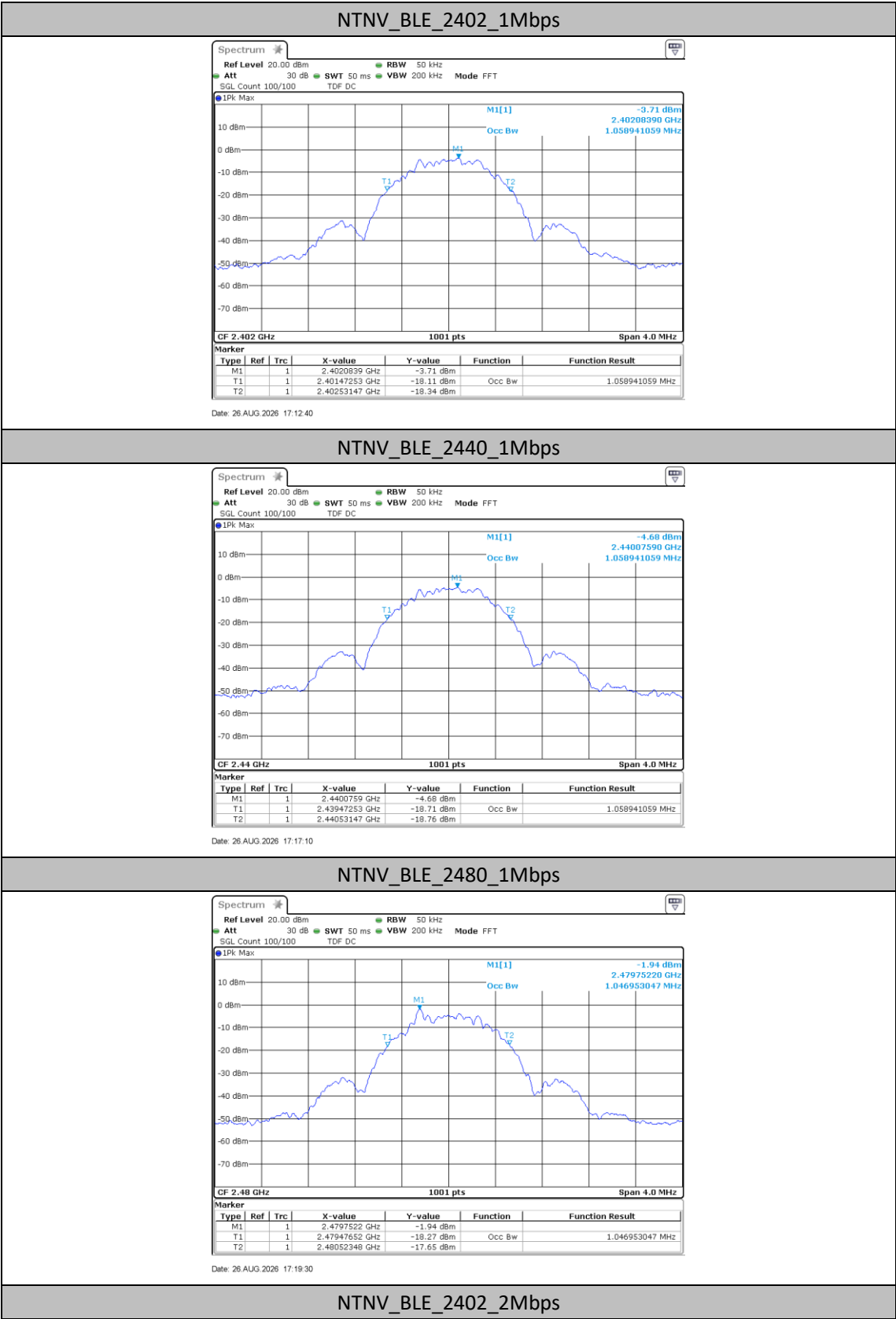
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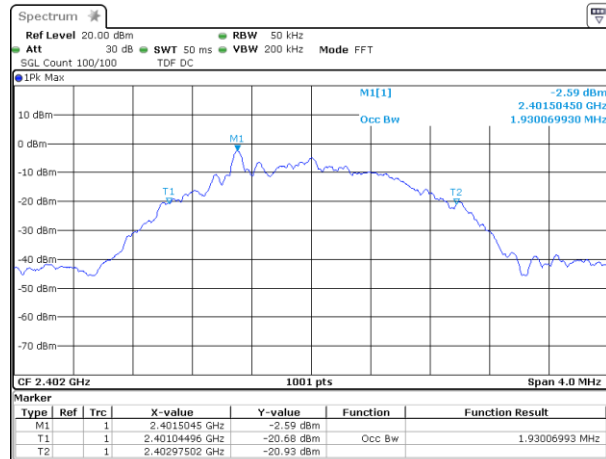
Appendix B: Occupied Channel Bandwidth

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	1.06	-	2401.47	2402.53	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	1.06	-	2439.47	2440.53	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	1.05	-	2479.48	2480.52	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	1.93	-	2401.04	2402.98	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	1.95	-	2439.04	2440.99	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	1.94	-	2479.04	2480.98	Pass

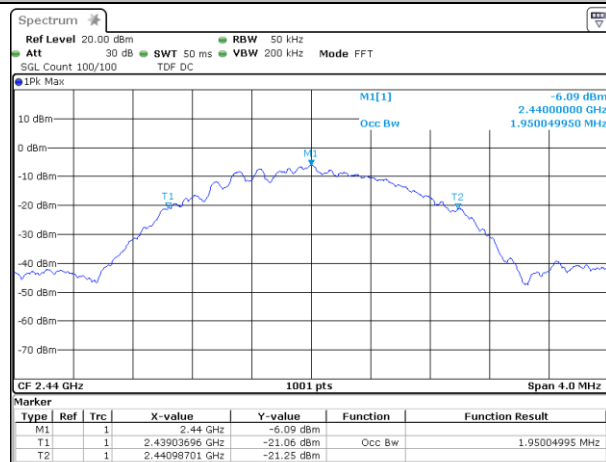
Test Graphs





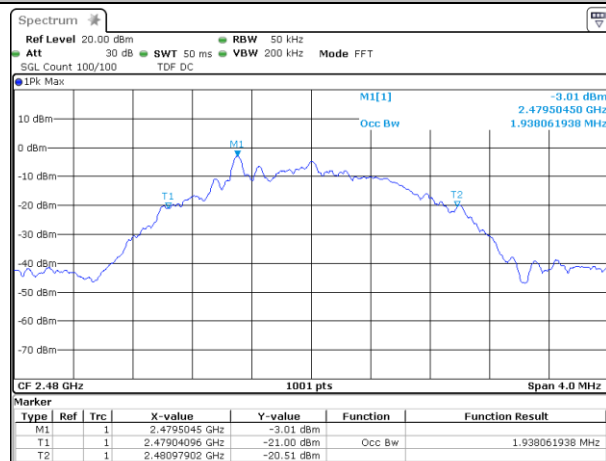
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NTNV_BLE_2440_2Mbps



Date: 26 AUG 2026 17:24:10

NTNV_BLE_2480_2Mbps



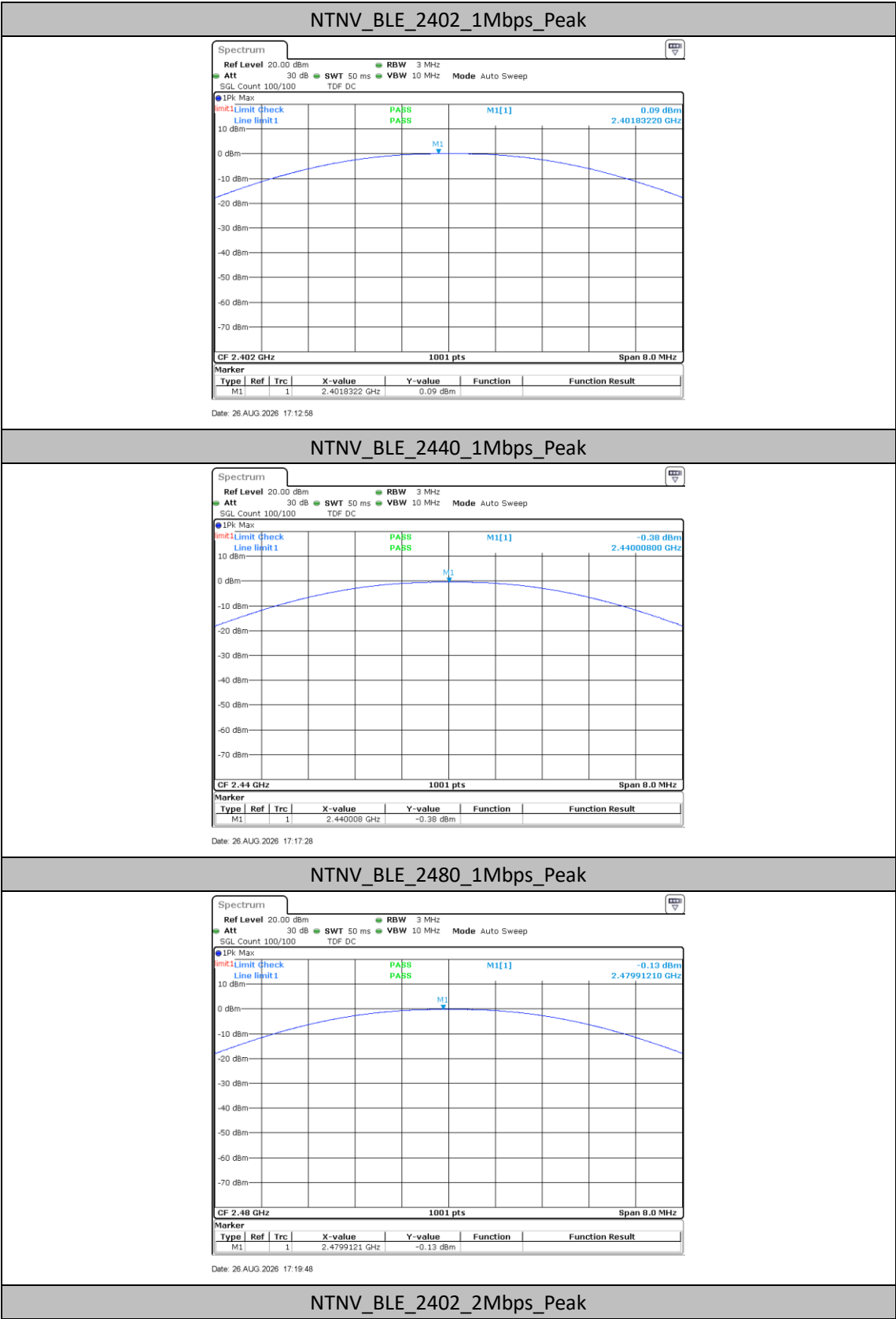
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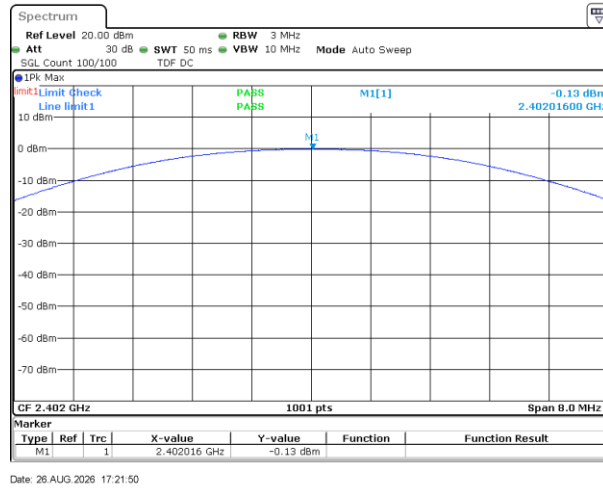
Appendix C: Maximum conducted output power

Test Result

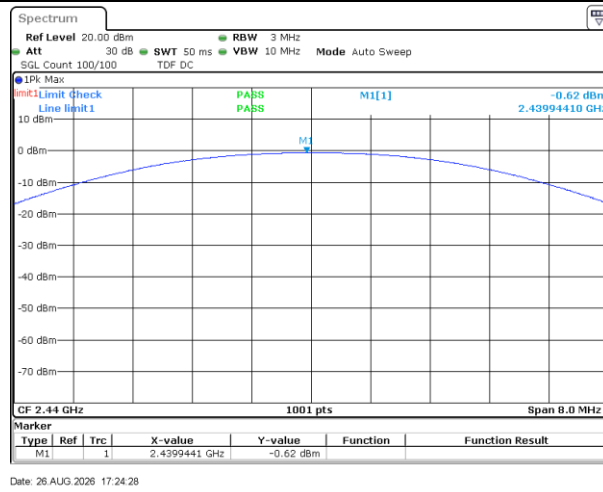
NO.	Test Condition	Test Mode	Freq (MHz)	Detector	Antenna	Conducted Peak Power (dBm)	Conducted Limit (dBm)	Verdict
1	NTNV	BLE	2402	Peak	ANT1	0.09	≤ 30	Pass
2	NTNV	BLE	2440	Peak	ANT1	-0.38	≤ 30	Pass
3	NTNV	BLE	2480	Peak	ANT1	-0.13	≤ 30	Pass
4	NTNV	BLE	2402	Peak	ANT1	-0.13	≤ 30	Pass
5	NTNV	BLE	2440	Peak	ANT1	-0.62	≤ 30	Pass
6	NTNV	BLE	2480	Peak	ANT1	-0.38	≤ 30	Pass

Test Graphs

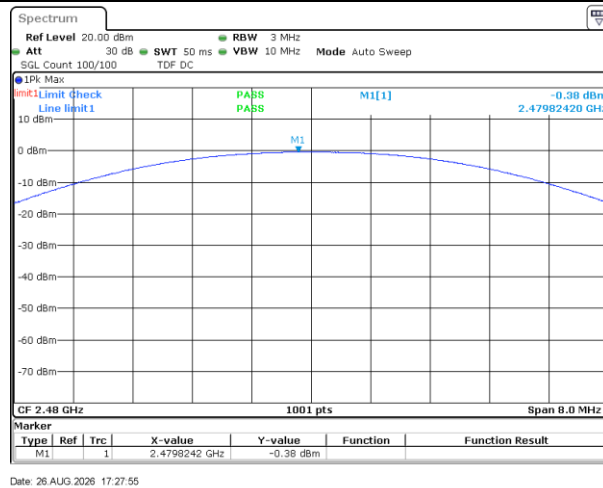




NTNV_BLE_2440_2Mbps_Peak



NTNV_BLE_2480_2Mbps_Peak

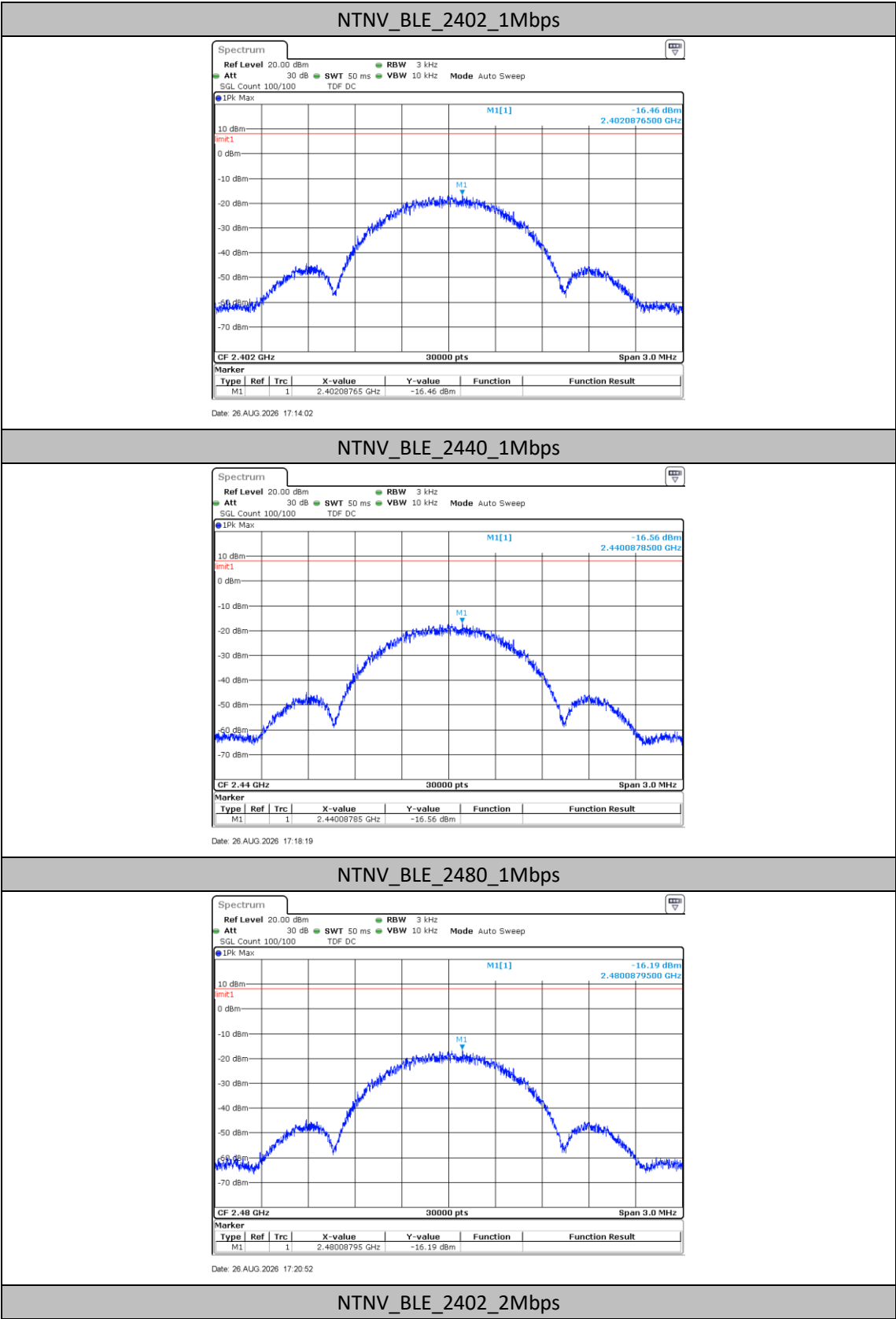


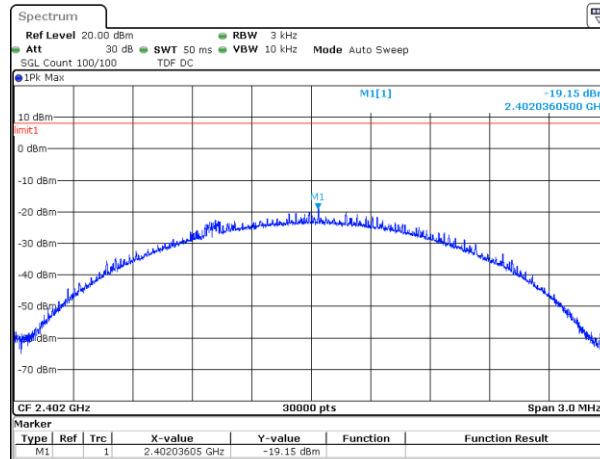
Appendix D: Maximum power spectral density

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	-16.46	≤ 8	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	-16.56	≤ 8	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	-16.19	≤ 8	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	-19.15	≤ 8	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	-19.74	≤ 8	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	-19.55	≤ 8	Pass

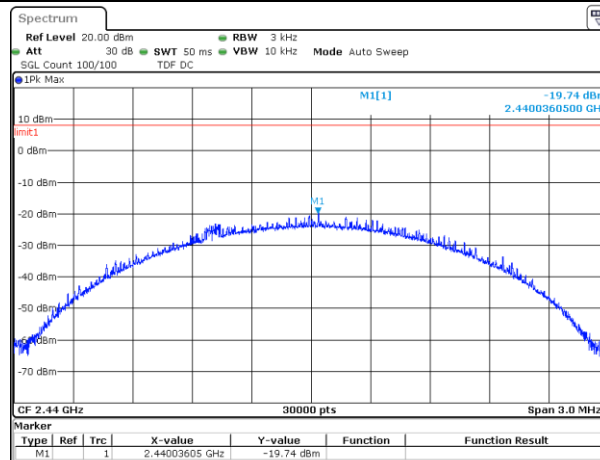
Test Graphs





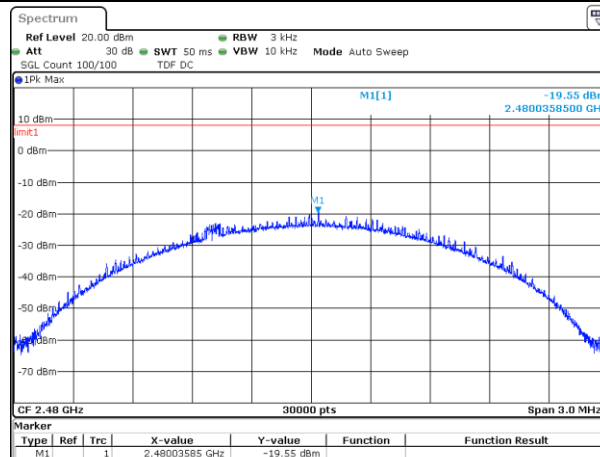
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NTNV_BLE_2440_2Mbps



Date: 26 AUG 2026 17:25:18

NTNV_BLE_2480_2Mbps



Date: 26 AUG 2026 17:28:59

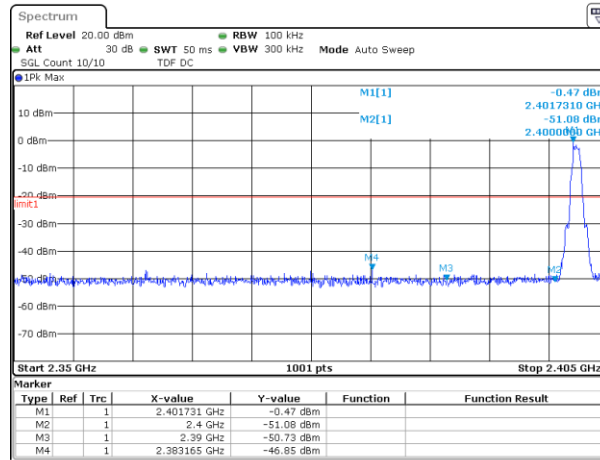
Appendix E: Band edge measurements

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	-0.47	-46.85	≤ -20.47	Pass
2	NTNV	BLE	2480	1Mbps	ANT1	-1.47	-47.60	≤ -21.47	Pass
3	NTNV	BLE	2402	2Mbps	ANT1	-2.99	-42.95	≤ -22.99	Pass
4	NTNV	BLE	2480	2Mbps	ANT1	-2.01	-47.19	≤ -22.01	Pass

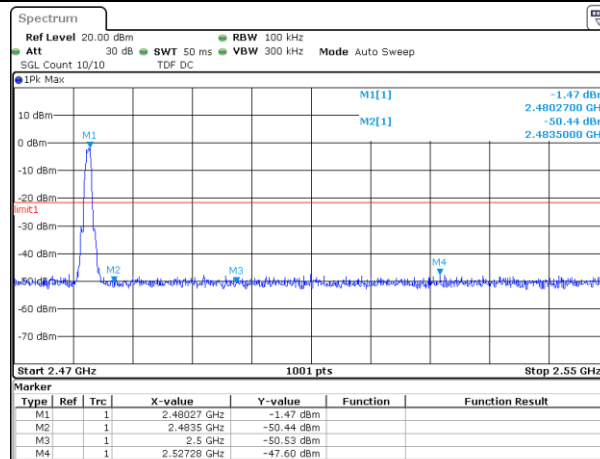
Test Graphs

NTNV_BLE_2402_1Mbps



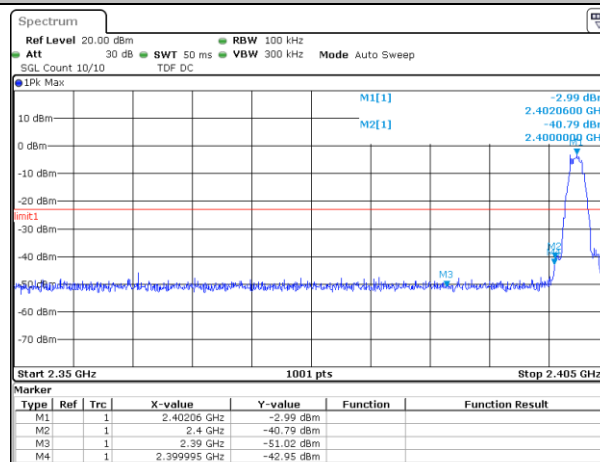
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NTNV_BLE_2480_1Mbps



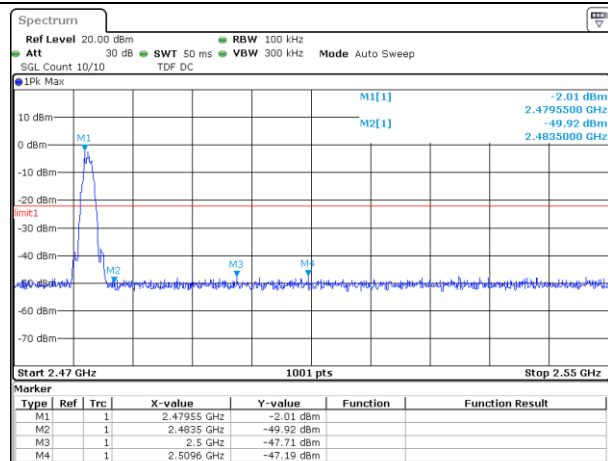
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NTNV_BLE_2402_2Mbps



Date: 26 AUG 2026 17:21:53

NTNV_BLE_2480_2Mbps



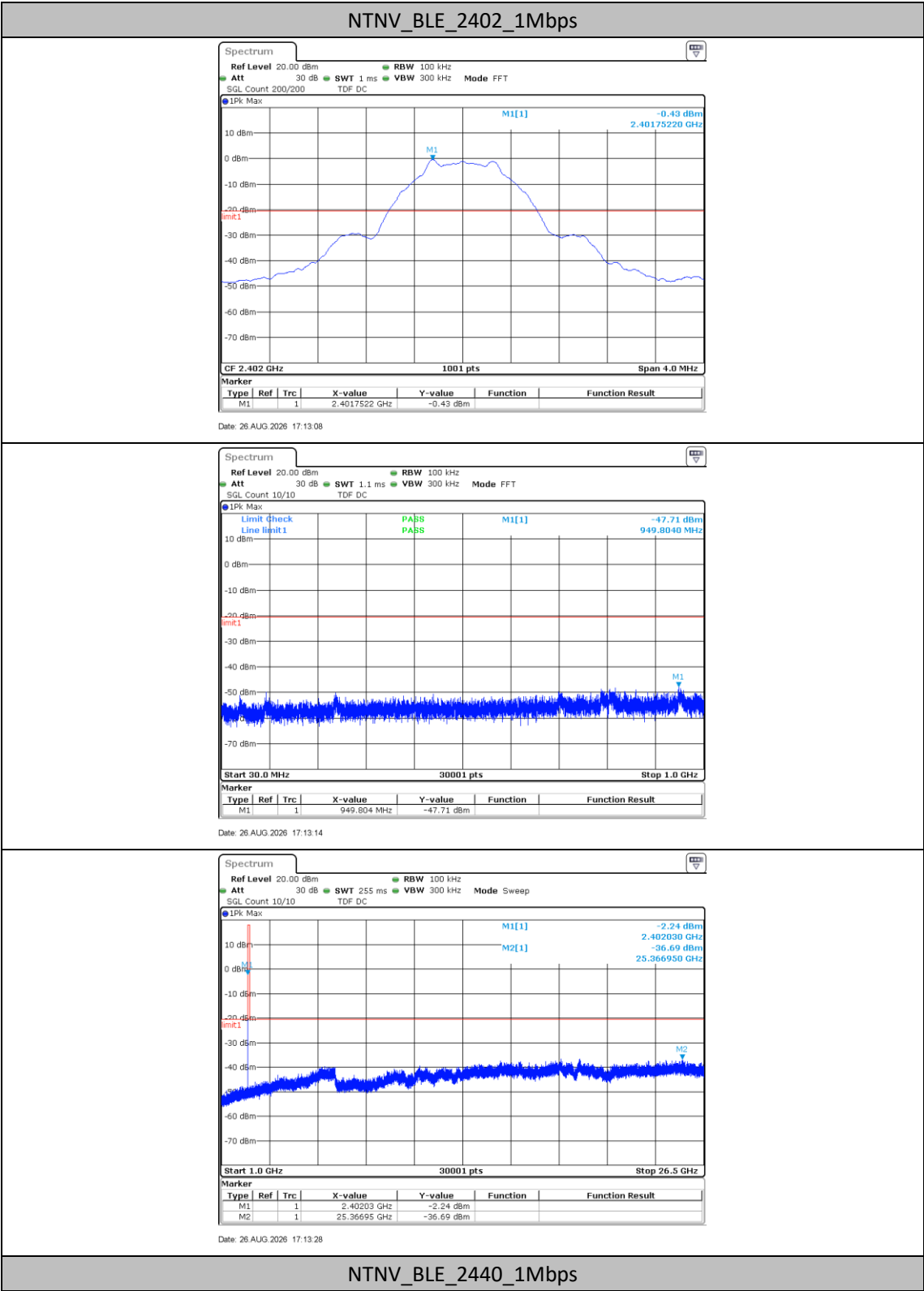
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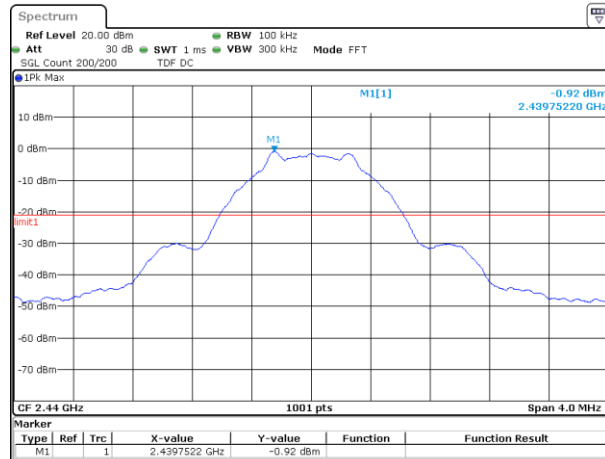
Appendix F: Conducted Spurious Emission

Test Result

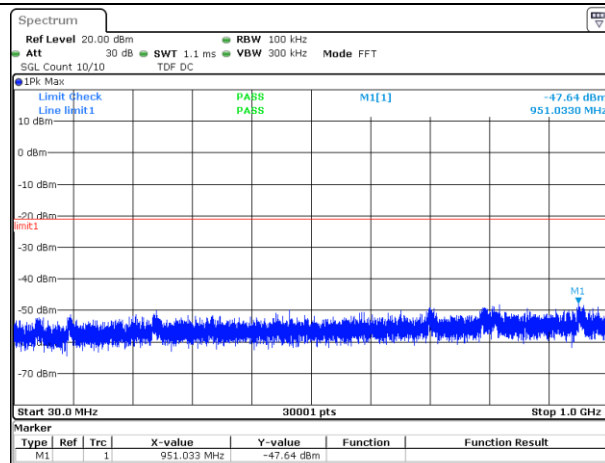
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Frequency Range (MHz)	Ref Level (MHz)	Max Power (dBm)	Limit (dBm)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	Reference	0.1	-0.43	/	/
						30~1000	0.1	-47.71	≤-20.43	Pass
						1000~26500	0.1	-36.69	≤-20.43	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	Reference	0.1	-0.92	/	/
						30~1000	0.1	-47.64	≤-20.92	Pass
						1000~26500	0.1	-36.12	≤-20.92	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	Reference	0.1	-0.67	/	/
						30~1000	0.1	-46.40	≤-20.67	Pass
						1000~26500	0.1	-35.85	≤-20.67	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	Reference	0.1	-1.3	/	/
						30~1000	0.1	-48.01	≤-21.30	Pass
						1000~26500	0.1	-36.97	≤-21.30	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	Reference	0.1	-1.8	/	/
						30~1000	0.1	-47.87	≤-21.80	Pass
						1000~26500	0.1	-36.18	≤-21.80	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	Reference	0.1	-1.54	/	/
						30~1000	0.1	-47.93	≤-21.54	Pass
						1000~26500	0.1	-36.68	≤-21.54	Pass

Test Graphs

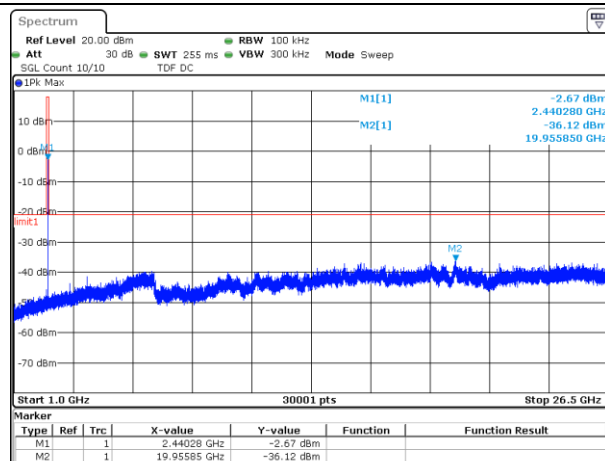




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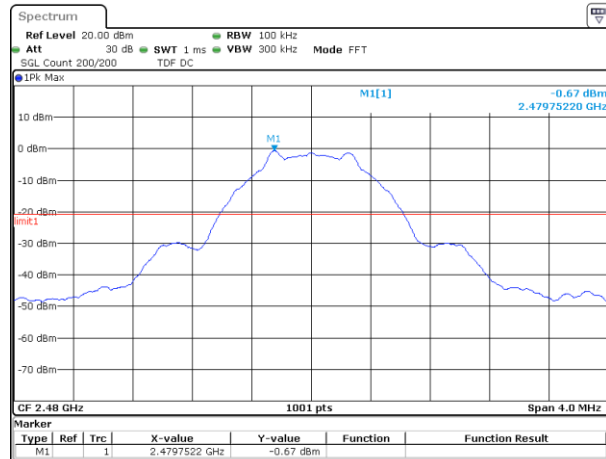


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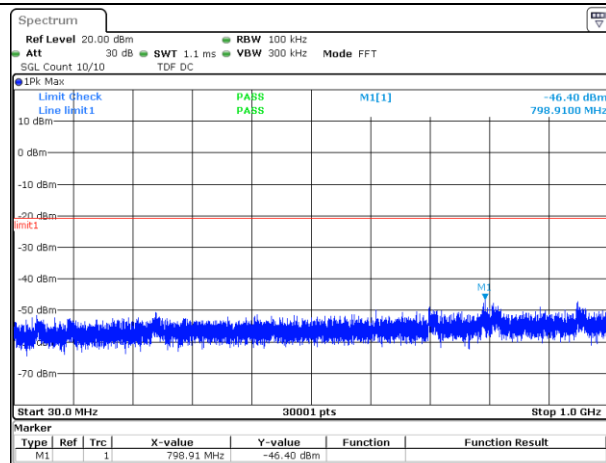


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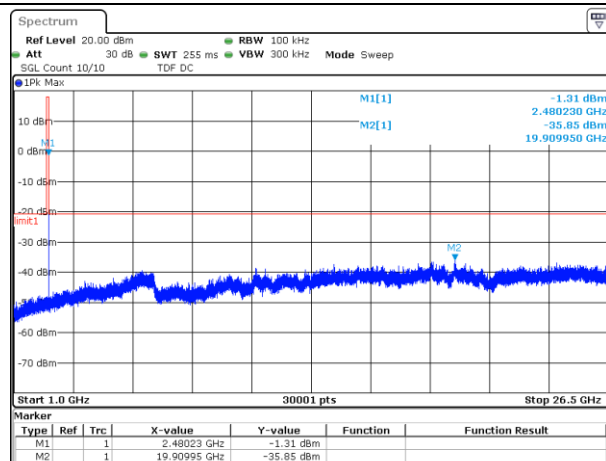
NTNV_BLE_2480_1Mbps



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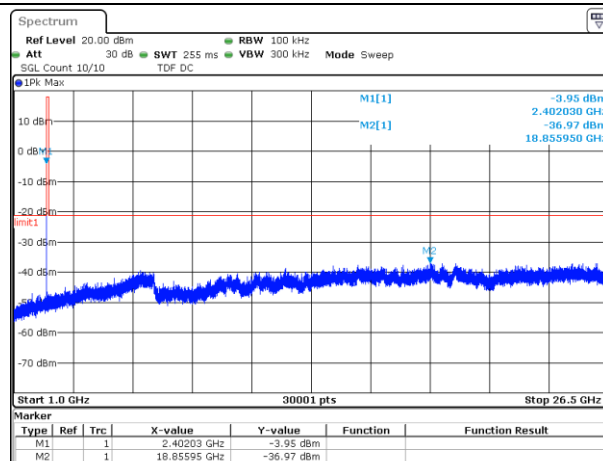
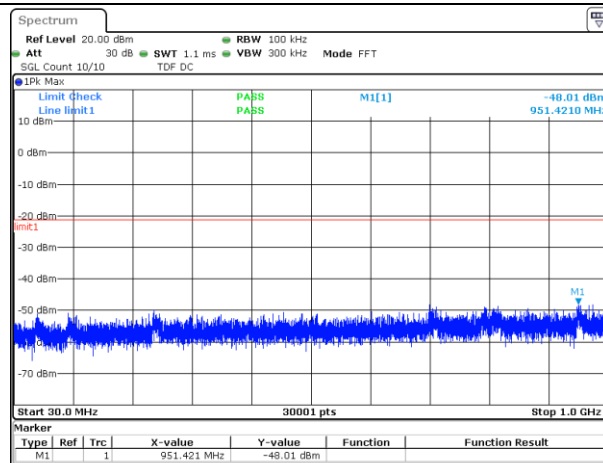
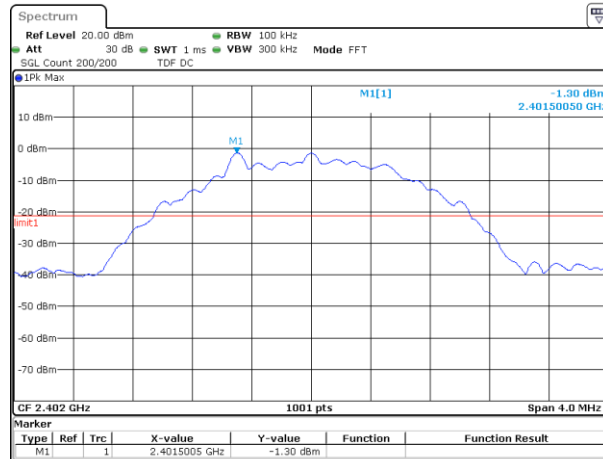


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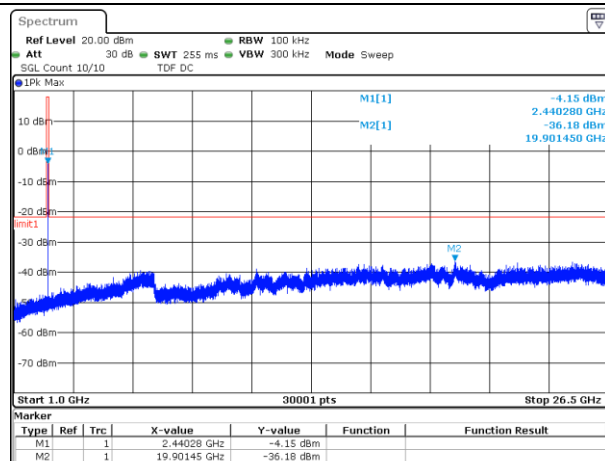
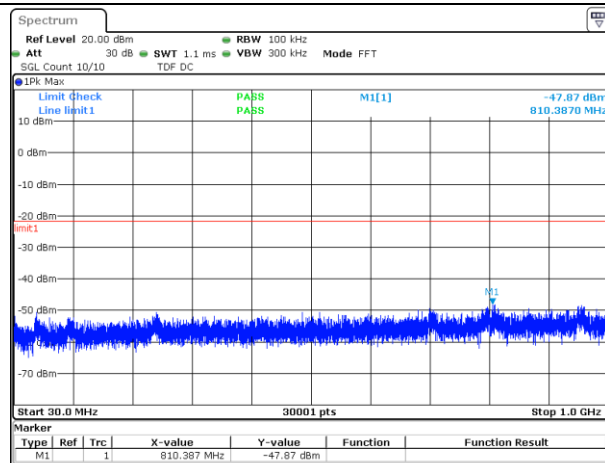
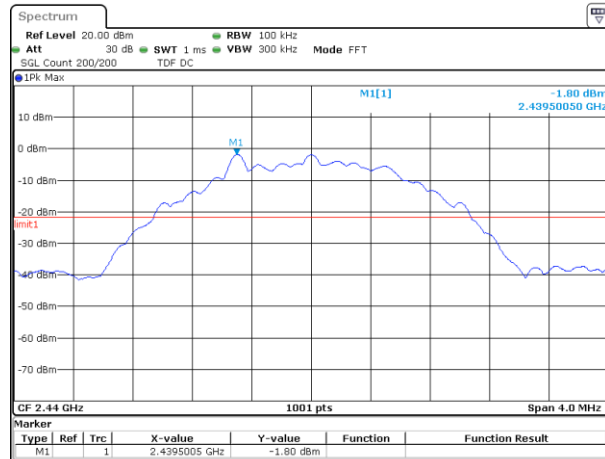


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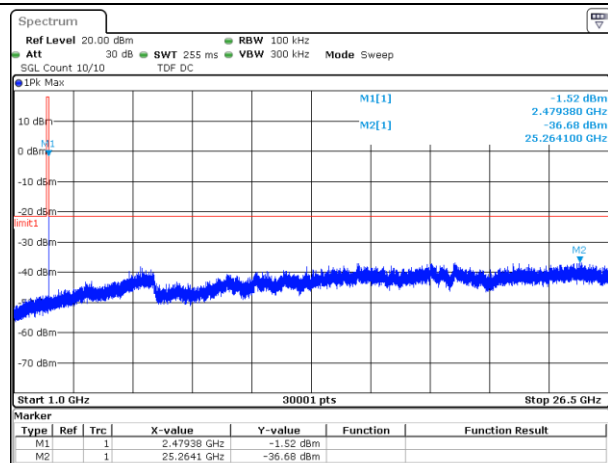
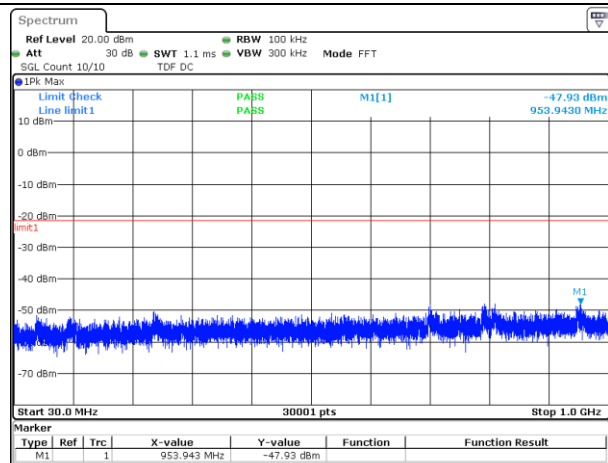
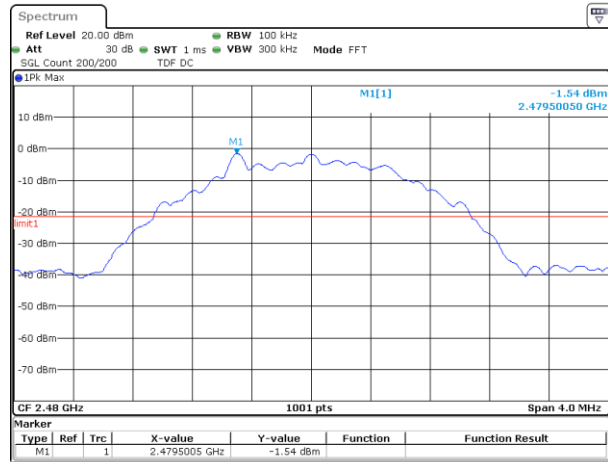
NTNV_BLE_2402_2Mbps



NTNV_BLE_2440_2Mbps



NTNV_BLE_2480_2Mbps

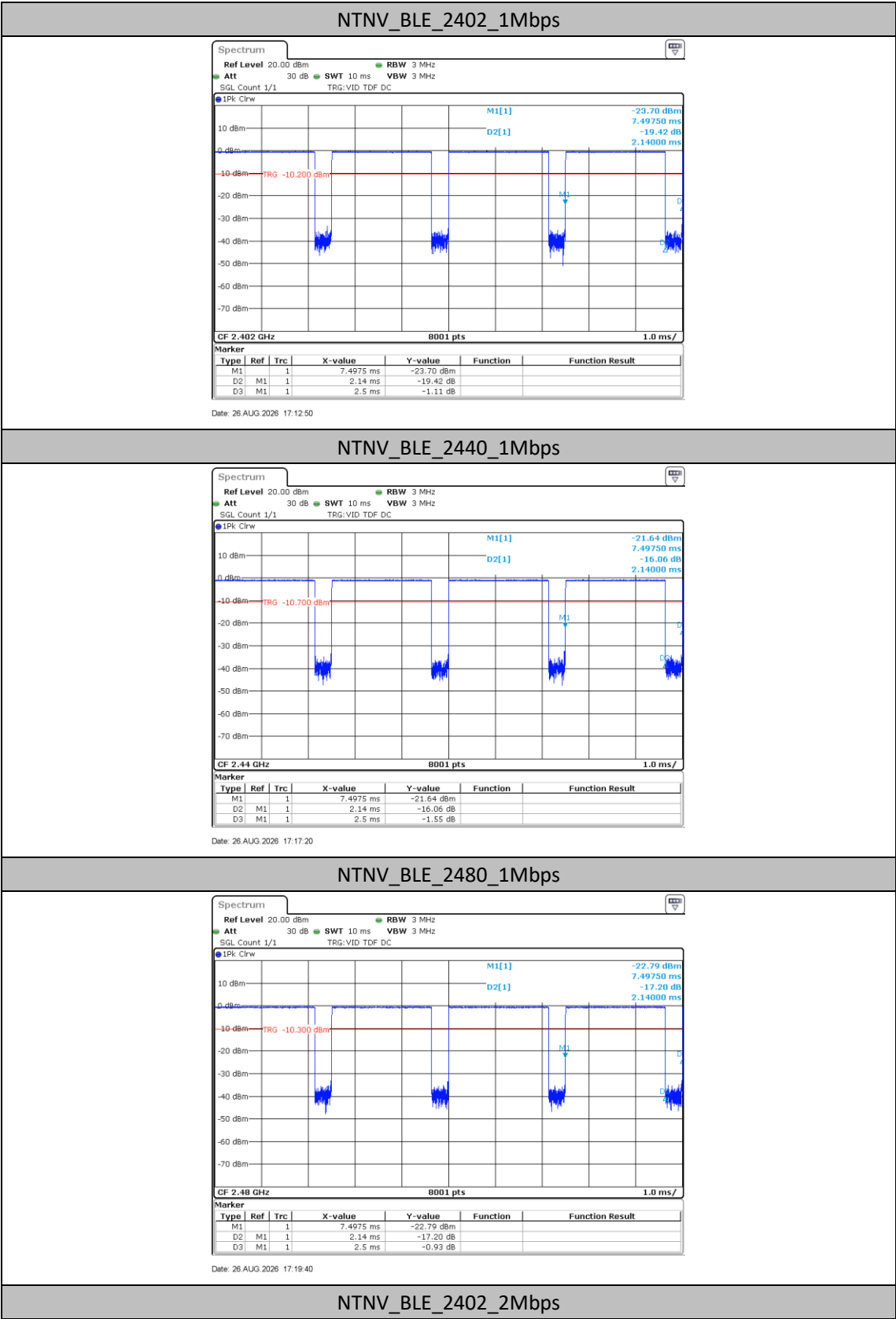


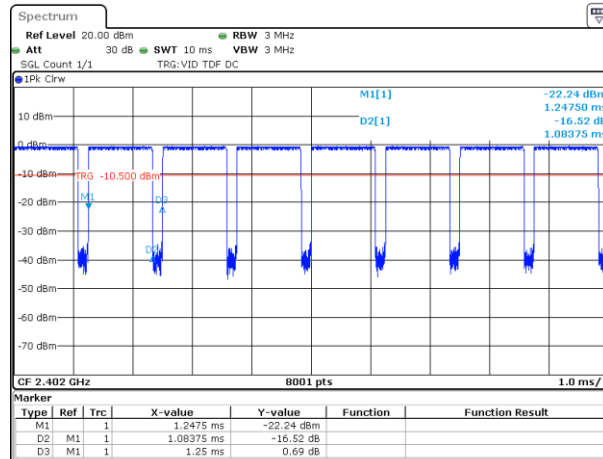
Appendix G: Duty Cycle

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	85.60
2	NTNV	BLE	2440	1Mbps	ANT1	2.14	2.50	0.86	85.60
3	NTNV	BLE	2480	1Mbps	ANT1	2.14	2.50	0.86	85.60
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

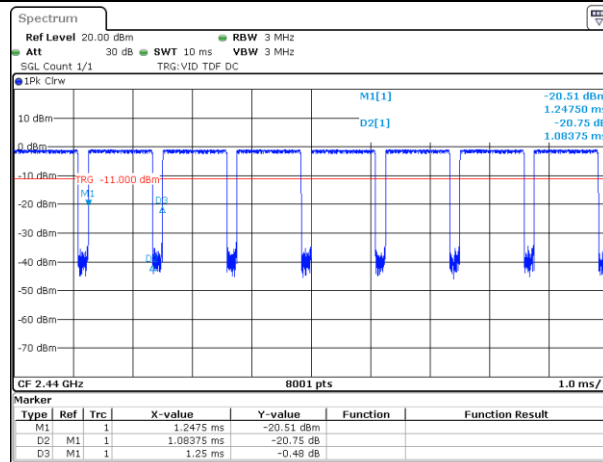
Test Graphs





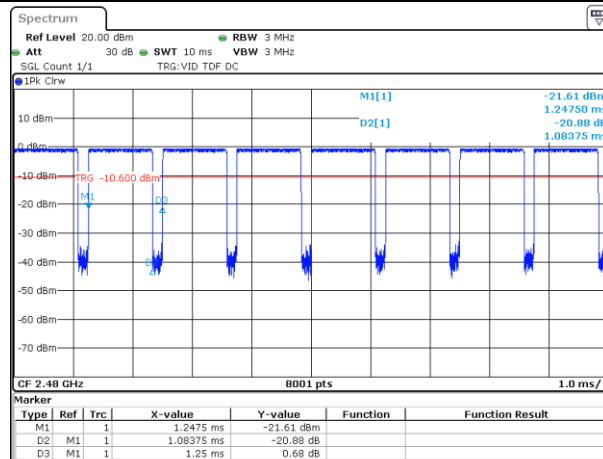
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NTNV_BLE_2440_2Mbps



Date: 26 AUG.2026 17:24:20

NTNV_BLE_2480_2Mbps



Date: 26 AUG.2026 17:27:46