



CQASZ20260701483E-02

Summary

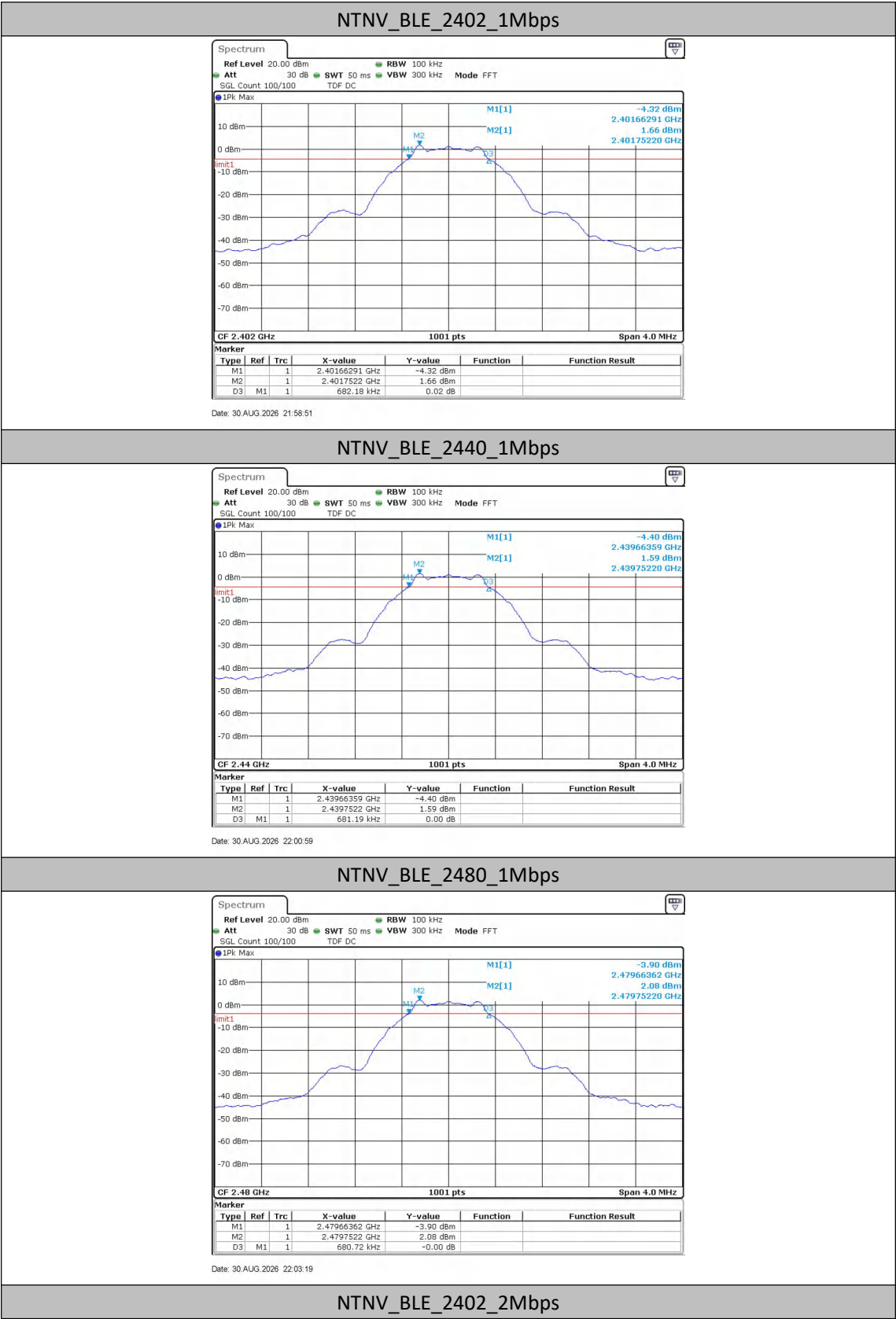
NO.	Item	Verdict
1	DTS Bandwidth	Pass
2	Occupied Channel Bandwidth	Pass
3	Maximum conducted output power	Pass
4	Maximum power spectral density	Pass
5	Band edge measurements	Pass
6	Conducted Spurious Emission	Pass
7	Emissions in Restricted Bands	Pass
8	Duty Cycle	Pass

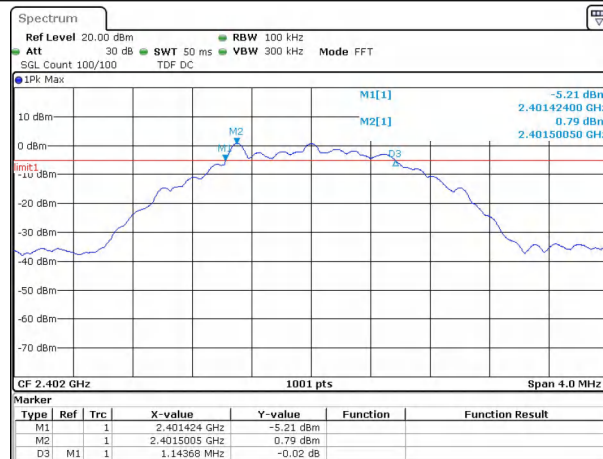
Appendix A: DTS Bandwidth

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	2402.35	≥ 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

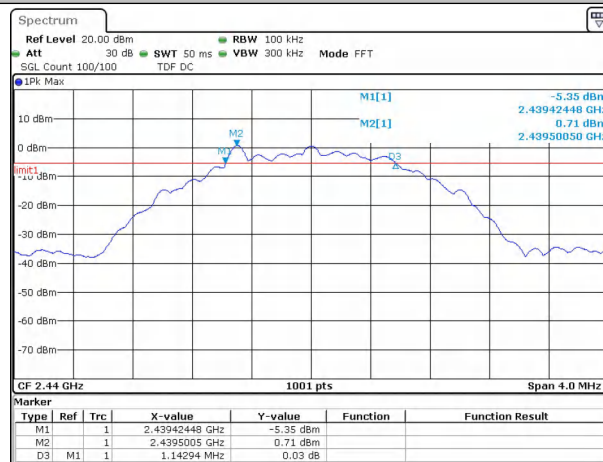
Test Graphs





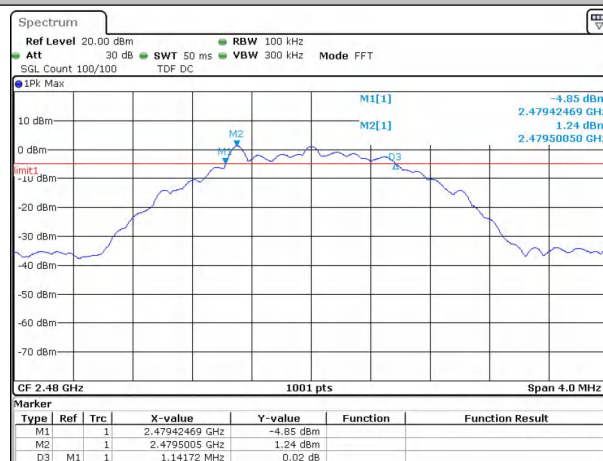
Date: 30 AUG.2026 22:05:36

NTNV_BLE_2440_2Mbps



Date: 30 AUG.2026 22:08:17

NTNV_BLE_2480_2Mbps



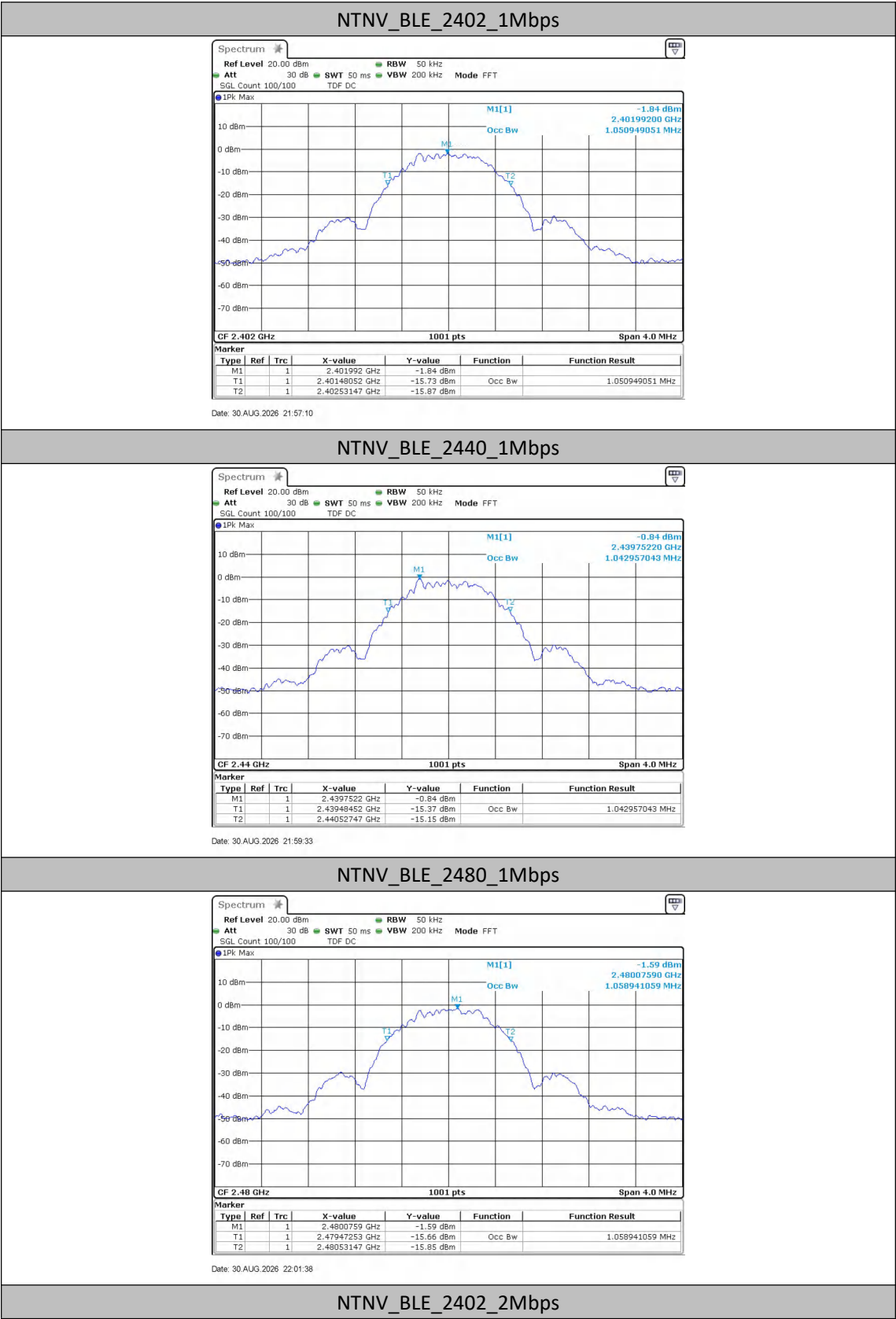
Date: 30 AUG.2026 22:11:03

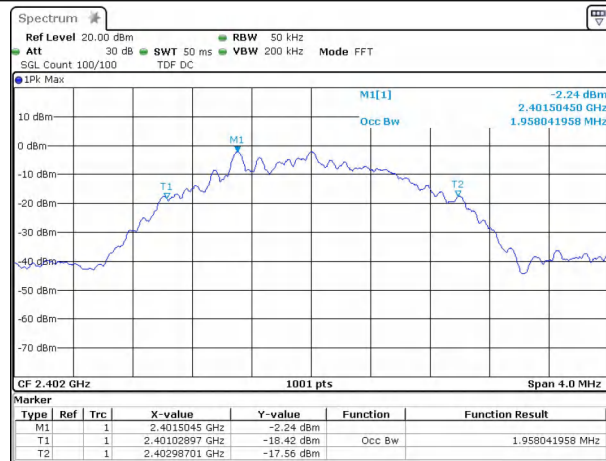
Appendix B: Occupied Channel Bandwidth

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	-	2401.48	2402.53	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	1.04	-	2439.48	2440.53	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	1.06	-	2479.47	2480.53	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	1.96	-	2401.03	2402.99	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	1.92	-	2439.04	2440.97	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	1.92	-	2479.05	2480.97	Pass

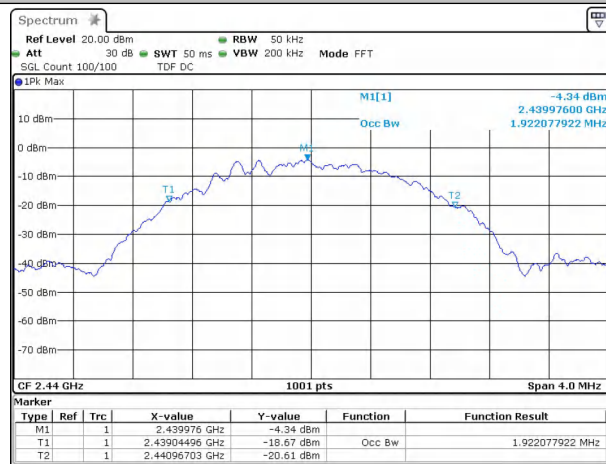
Test Graphs





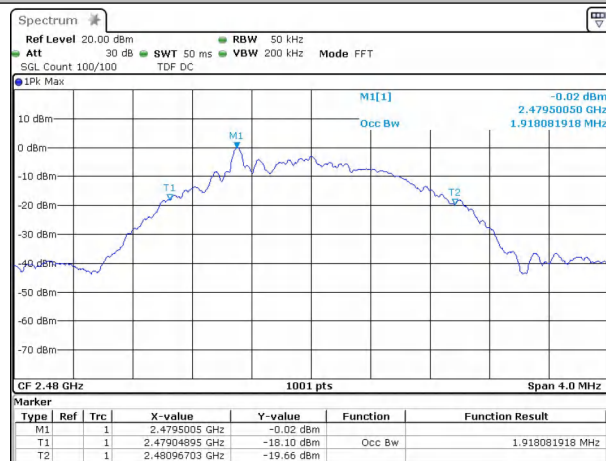
Date: 30 AUG 2026 22:03:56

NTNV_BLE_2440_2Mbps



Date: 30 AUG 2026 22:06:50

NTNV_BLE_2480_2Mbps



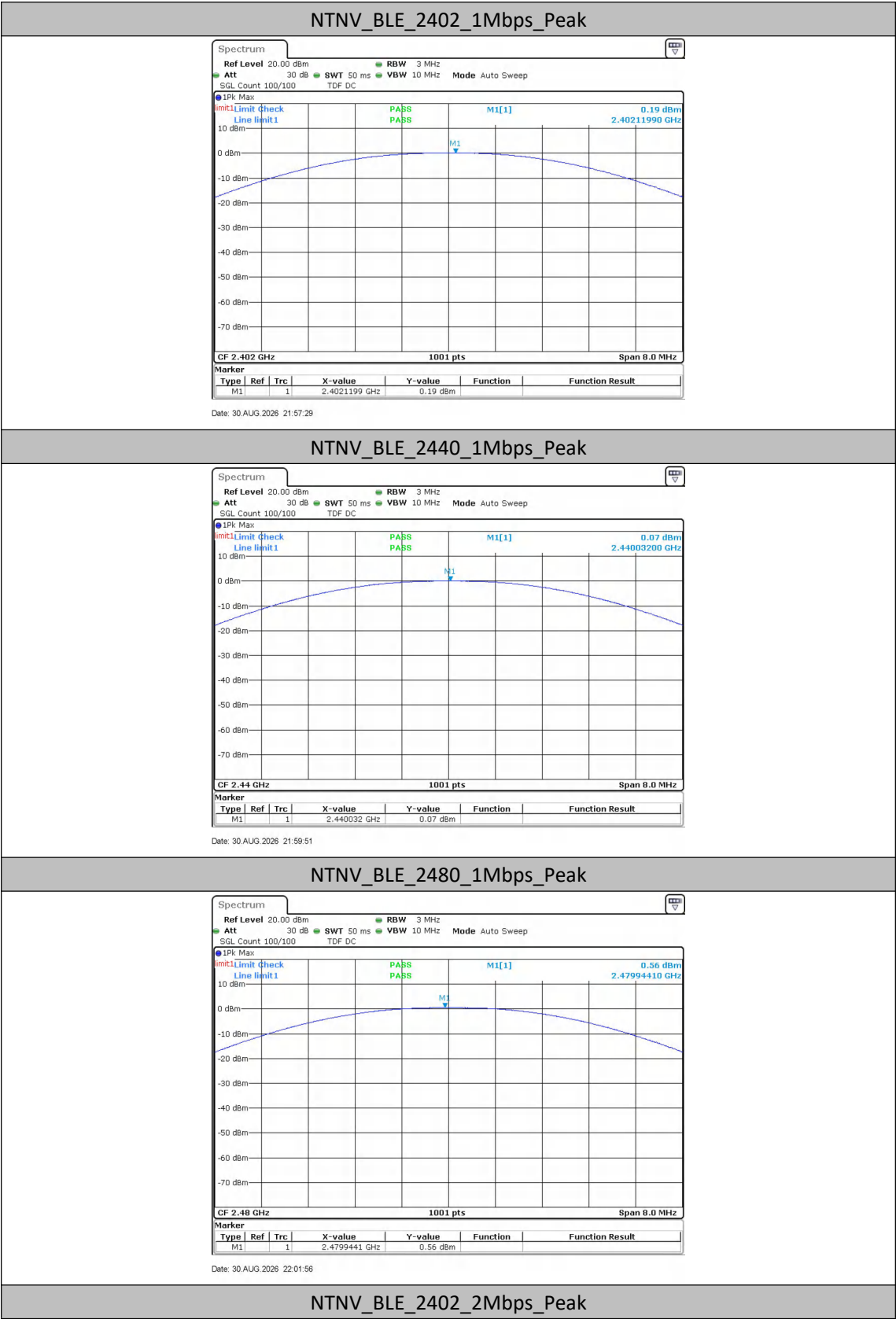
Date: 30 AUG 2026 22:09:22

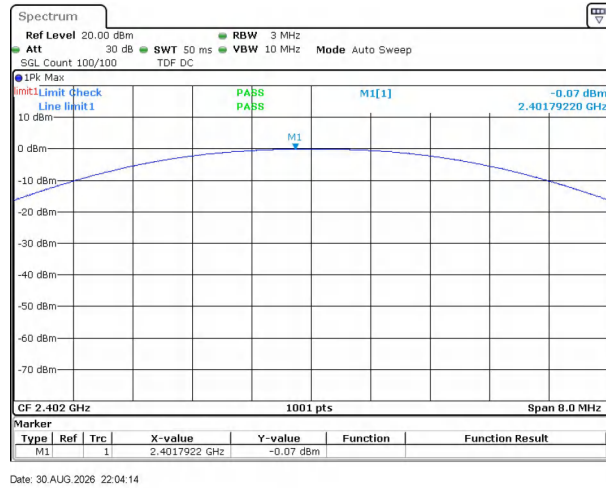
Appendix C: Maximum conducted output power

Test Result

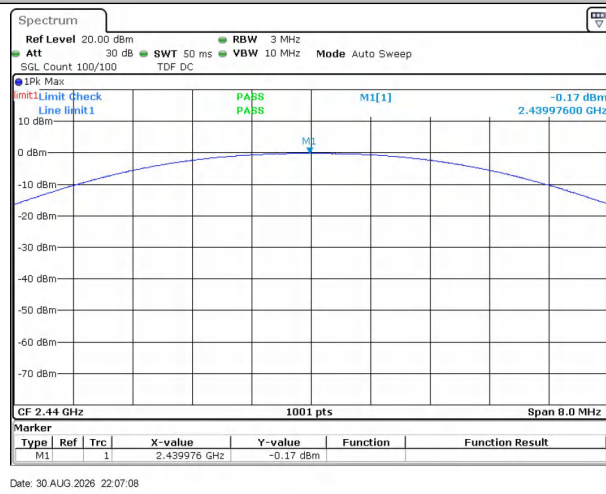
NO.	Test Condition	Test Mode	Freq (MHz)	Detector	Antenna	Conducted Peak Power (dBm)	Conducted Limit (dBm)	Verdict
1	NTNV	BLE	2402	Peak	ANT1	0.19	≤30	Pass
2	NTNV	BLE	2440	Peak	ANT1	0.07	≤30	Pass
3	NTNV	BLE	2480	Peak	ANT1	0.56	≤30	Pass
4	NTNV	BLE	2402	Peak	ANT1	-0.07	≤30	Pass
5	NTNV	BLE	2440	Peak	ANT1	-0.17	≤30	Pass
6	NTNV	BLE	2480	Peak	ANT1	0.35	≤30	Pass

Test Graphs

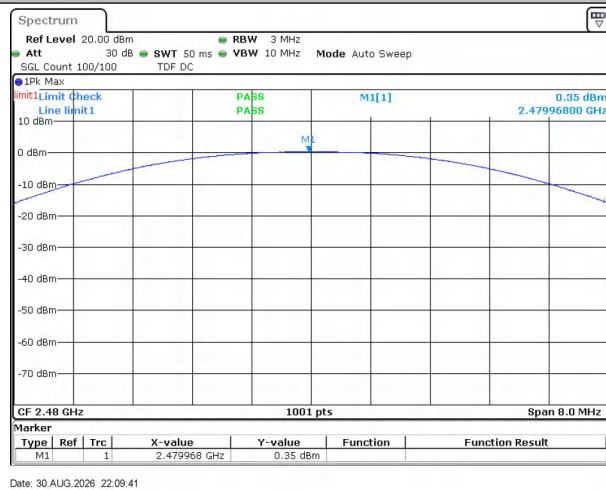




NTNV_BLE_2440_2Mbps_Peak



NTNV_BLE_2480_2Mbps_Peak

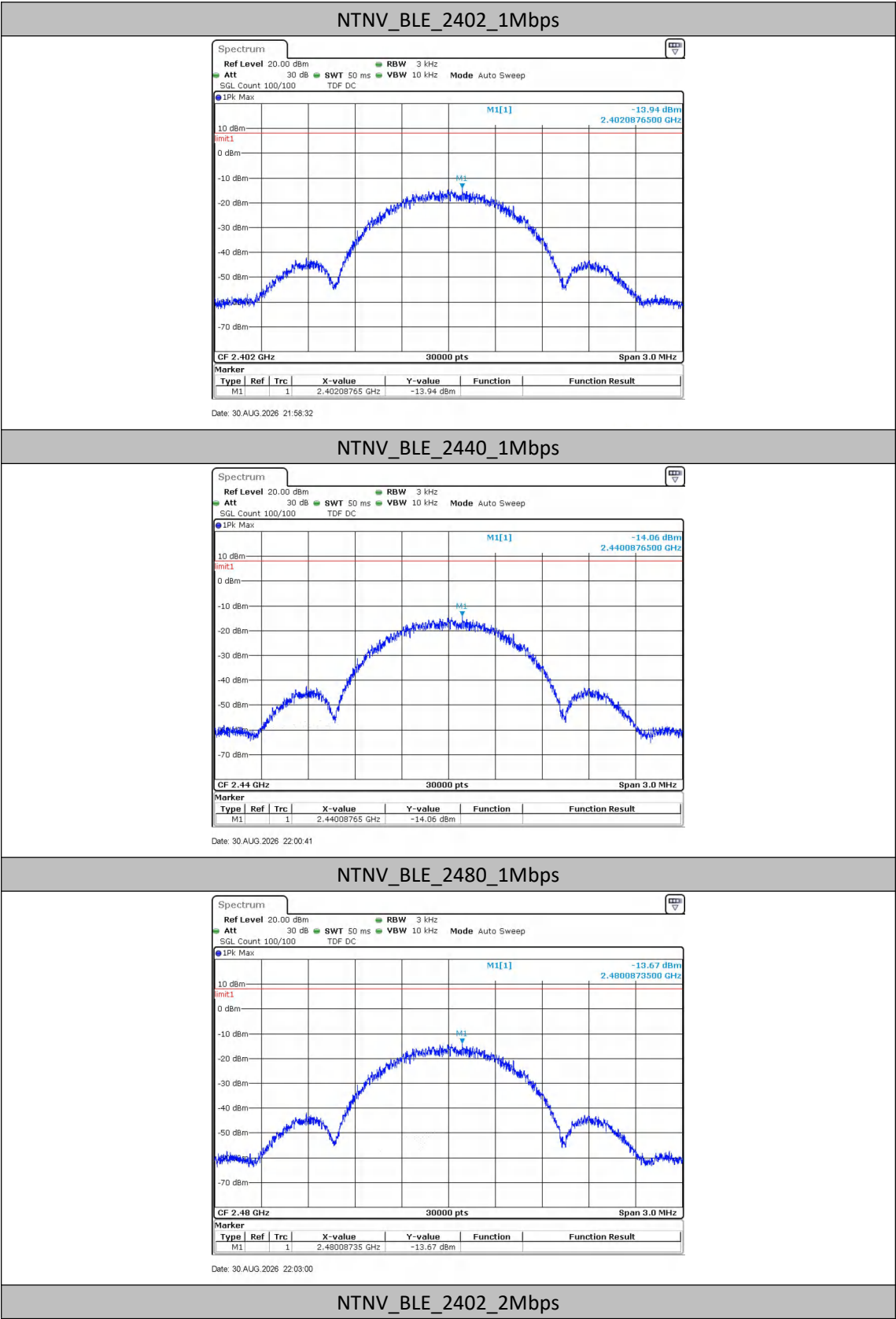


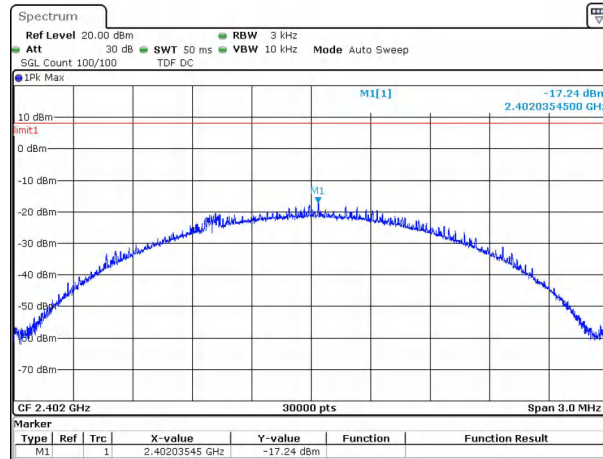
Appendix D: Maximum power spectral density

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	-13.94	≤ 8	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	-14.06	≤ 8	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	-13.67	≤ 8	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	-17.24	≤ 8	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	-17.32	≤ 8	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	-16.85	≤ 8	Pass

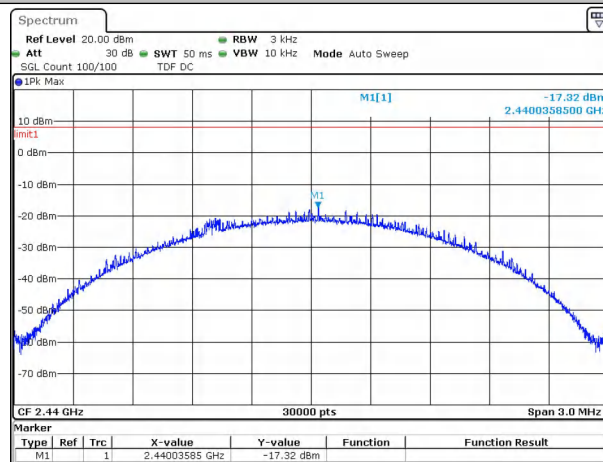
Test Graphs





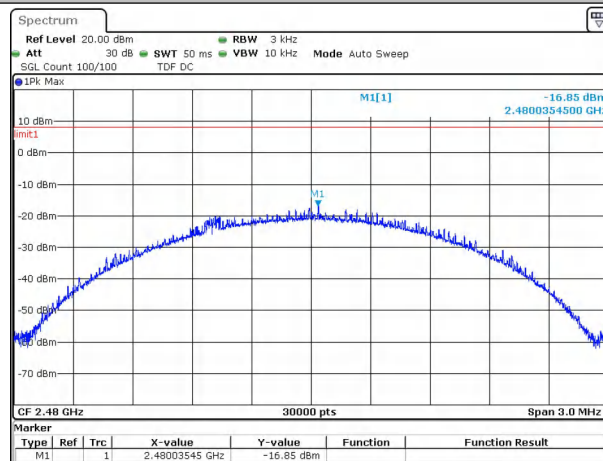
Date: 30 AUG.2026 22:05:18

NTNV_BLE_2440_2Mbps



Date: 30 AUG.2026 22:07:58

NTNV_BLE_2480_2Mbps



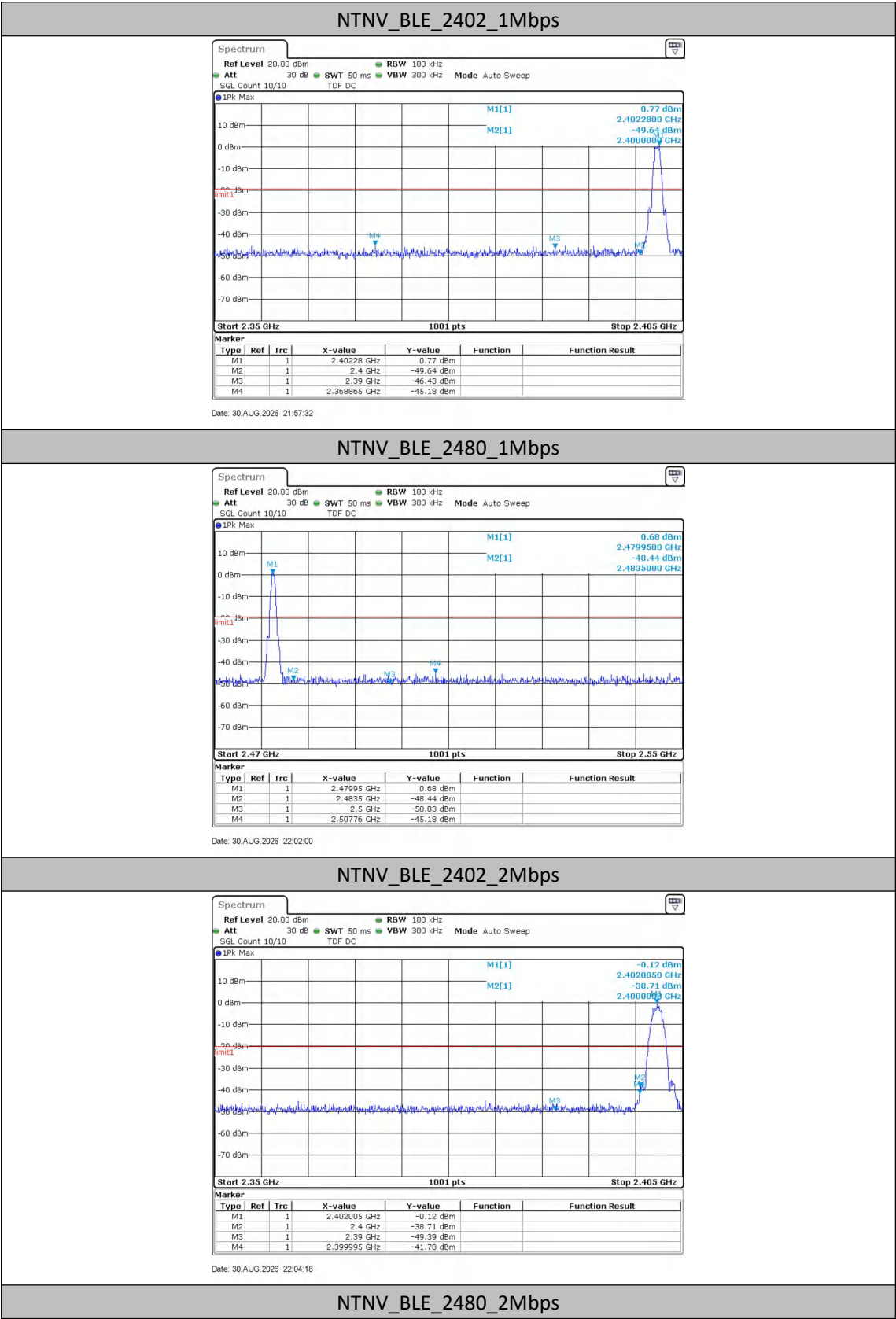
Date: 30 AUG.2026 22:10:45

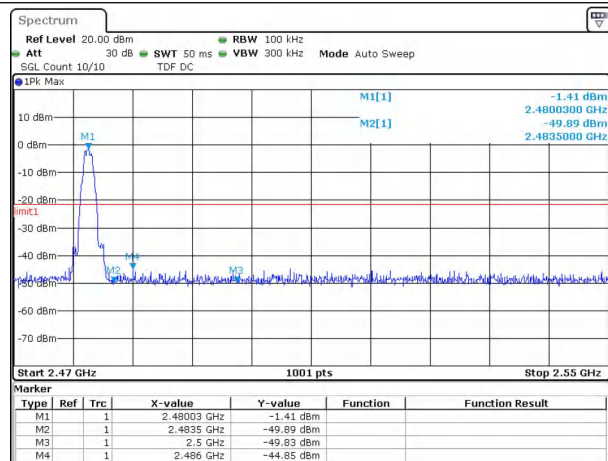
Appendix E: Band edge measurements

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	0.77	-45.18	≤ -19.23	Pass
2	NTNV	BLE	2480	1Mbps	ANT1	0.68	-45.18	≤ -19.32	Pass
3	NTNV	BLE	2402	2Mbps	ANT1	-0.12	-41.78	≤ -20.12	Pass
4	NTNV	BLE	2480	2Mbps	ANT1	-1.41	-44.85	≤ -21.41	Pass

Test Graphs





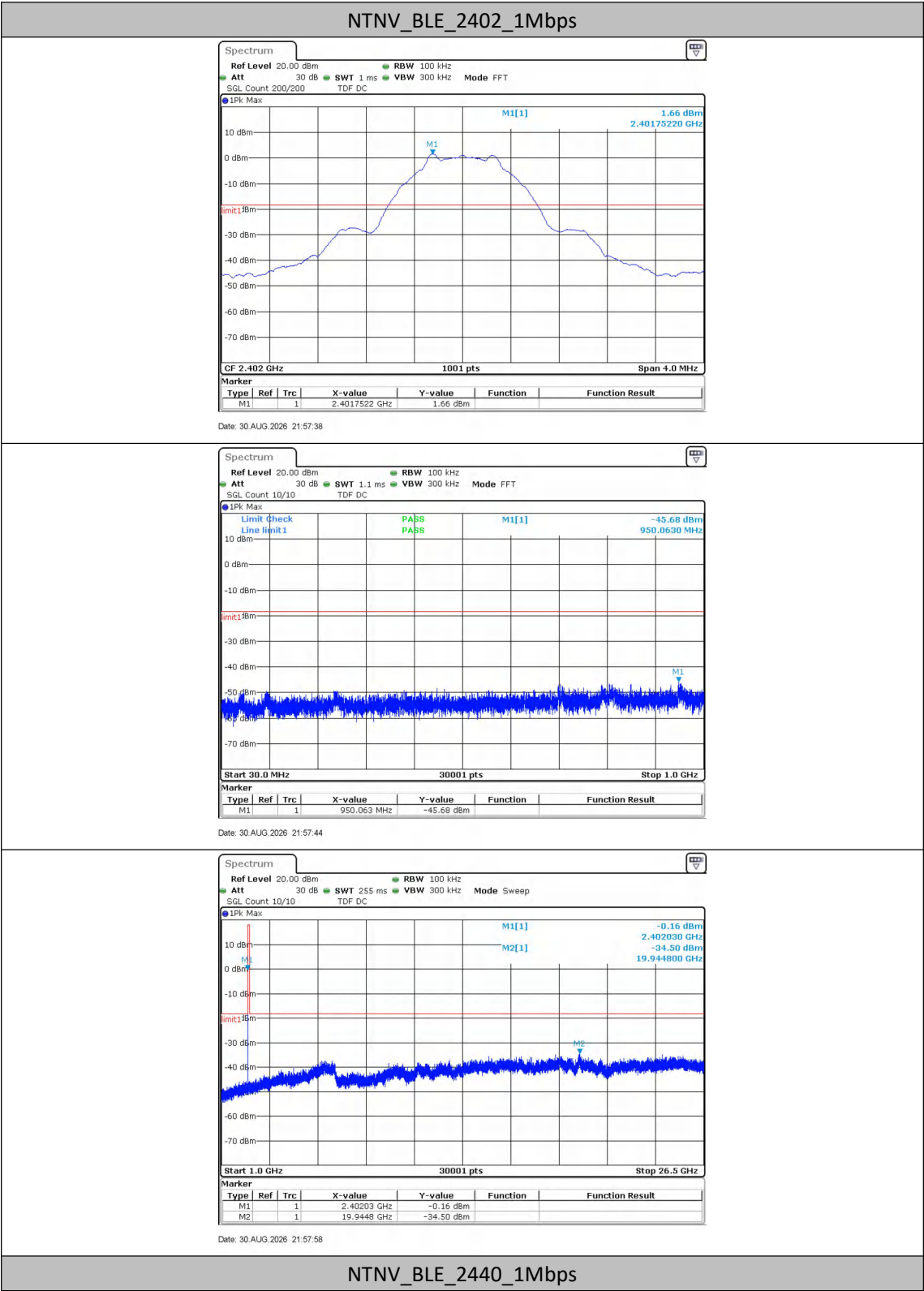
Date: 30.AUG.2026 22:09:45

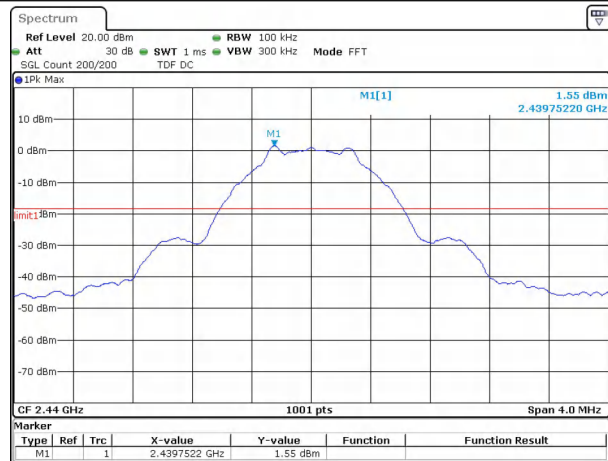
Appendix F: Conducted Spurious Emission

Test Result

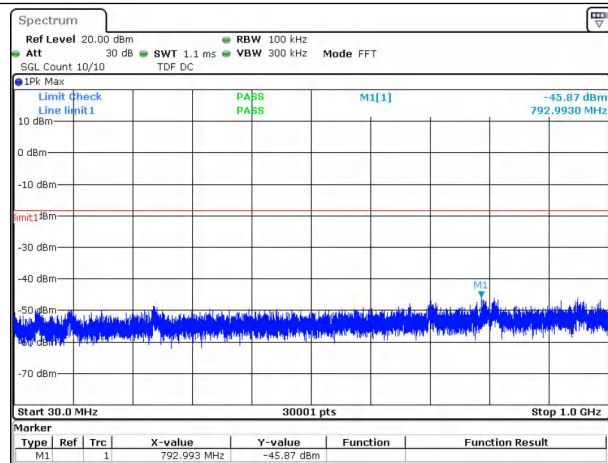
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Frequency Range (MHz)	Ref Level (MHz)	Max Power (dBm)	Limit (dBm)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	Reference	0.1	1.66	/	/
						30~1000	0.1	-45.68	≤-18.34	Pass
						1000~26500	0.1	-34.50	≤-18.34	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	Reference	0.1	1.55	/	/
						30~1000	0.1	-45.87	≤-18.45	Pass
						1000~26500	0.1	-34.88	≤-18.45	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	Reference	0.1	2.07	/	/
						30~1000	0.1	-45.96	≤-17.93	Pass
						1000~26500	0.1	-34.93	≤-17.93	Pass
4	NTNV	BLE	2402	2Mbps	ANT1	Reference	0.1	0.76	/	/
						30~1000	0.1	-45.85	≤-19.24	Pass
						1000~26500	0.1	-34.29	≤-19.24	Pass
5	NTNV	BLE	2440	2Mbps	ANT1	Reference	0.1	0.69	/	/
						30~1000	0.1	-44.62	≤-19.31	Pass
						1000~26500	0.1	-34.33	≤-19.31	Pass
6	NTNV	BLE	2480	2Mbps	ANT1	Reference	0.1	1.23	/	/
						30~1000	0.1	-45.92	≤-18.77	Pass
						1000~26500	0.1	-34.10	≤-18.77	Pass

Test Graphs

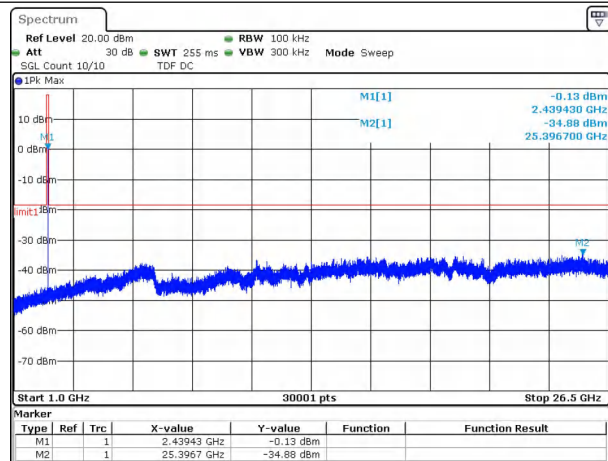




Date: 30 AUG.2026 21:59:56

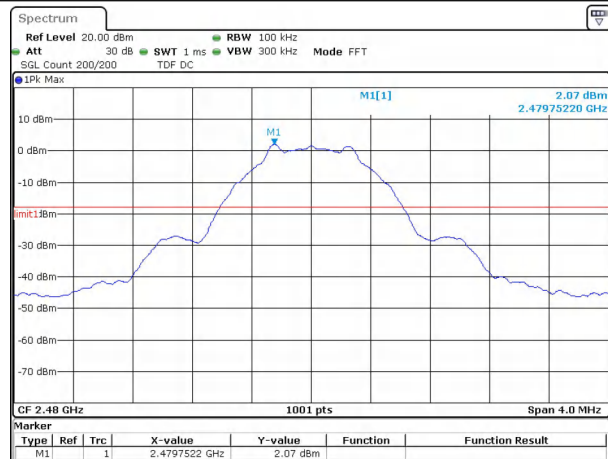


Date: 30 AUG.2026 22:00:03

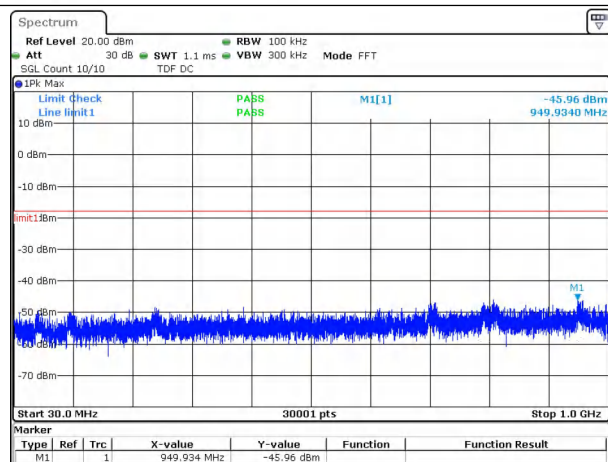


Date: 30 AUG.2026 22:00:17

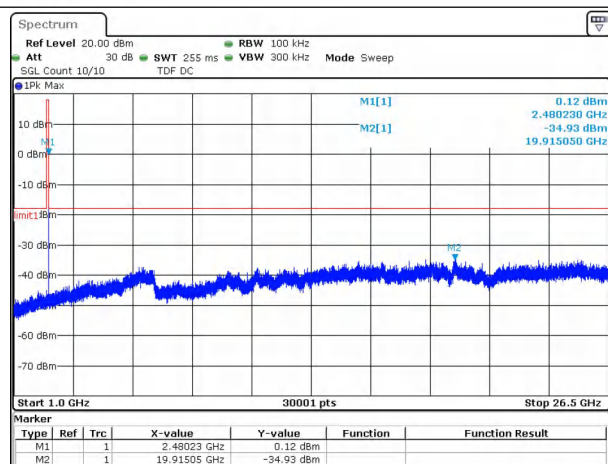
NTNV_BLE_2480_1Mbps



Date: 30 AUG.2026 22:02:06

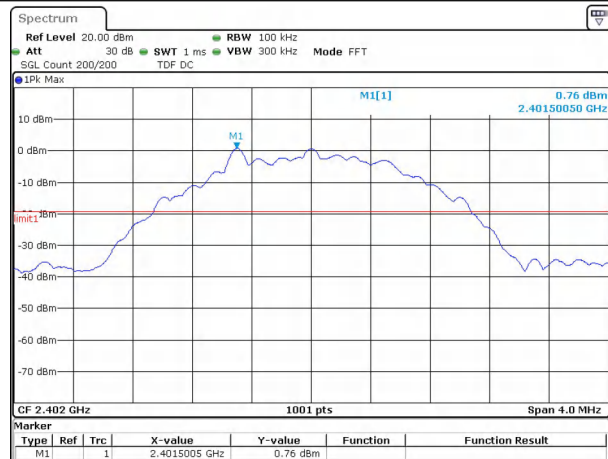


Date: 30 AUG.2026 22:02:12

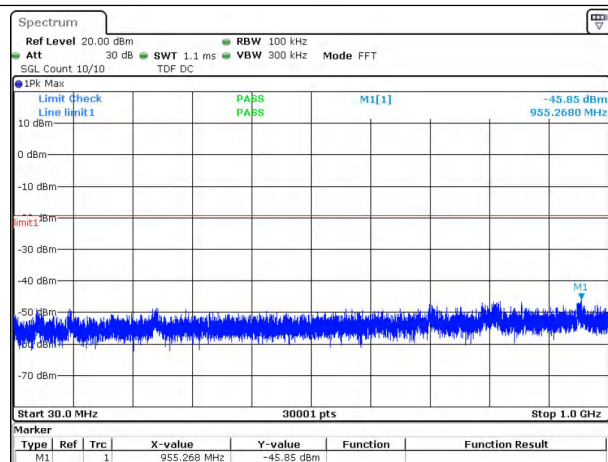


Date: 30 AUG.2026 22:02:26

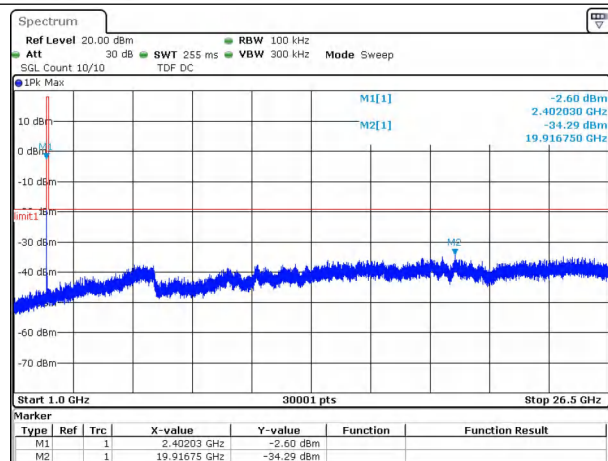
NTNV_BLE_2402_2Mbps



Date: 30 AUG.2026 22:04:23

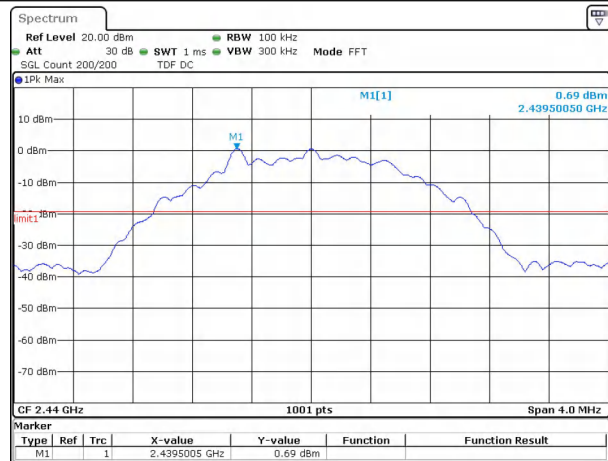


Date: 30 AUG.2026 22:04:30

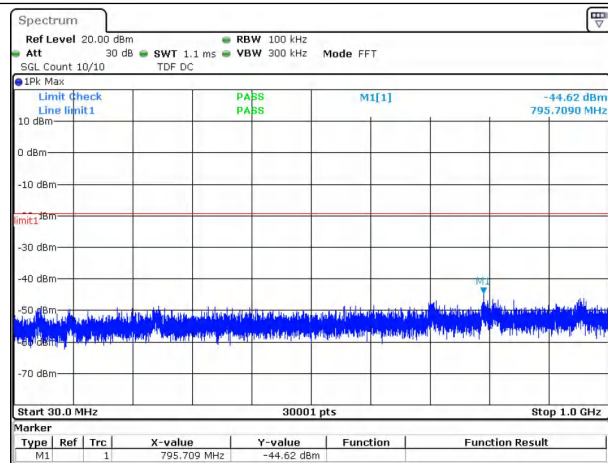


Date: 30 AUG.2026 22:04:44

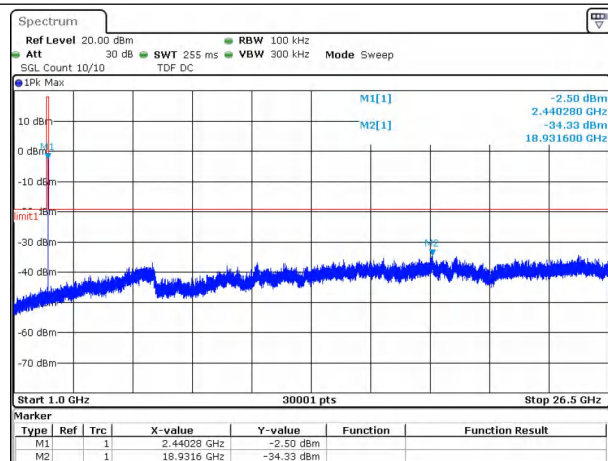
NTNV_BLE_2440_2Mbps



Date: 30 AUG.2026 22:07:13

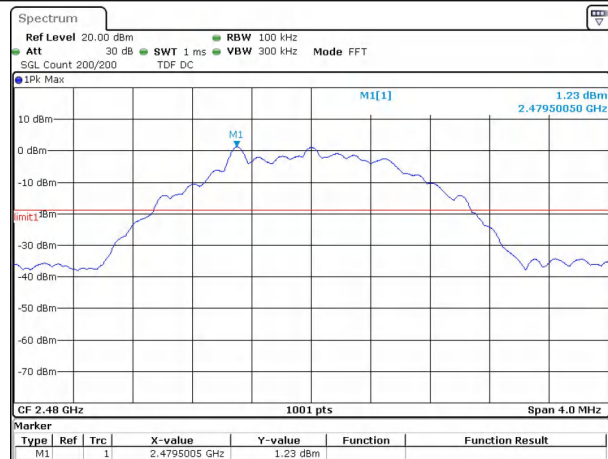


Date: 30 AUG.2026 22:07:20

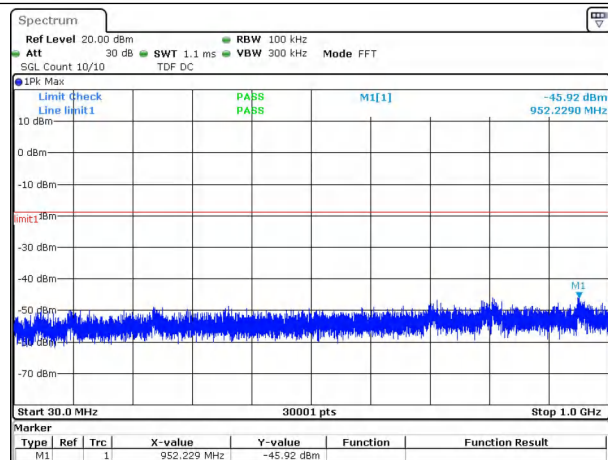


Date: 30 AUG.2026 22:07:34

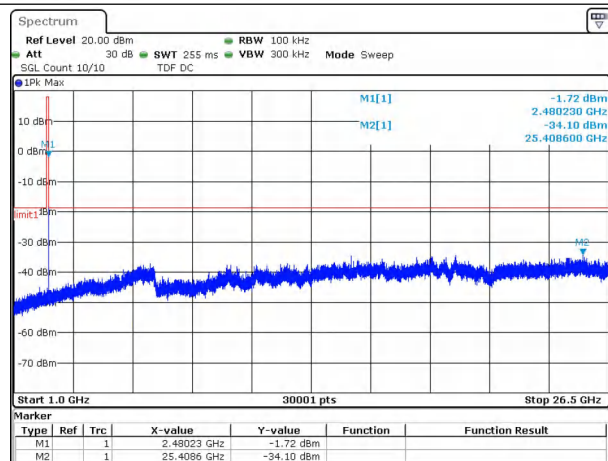
NTNV_BLE_2480_2Mbps



Date: 30 AUG.2026 22:09:50



Date: 30 AUG.2026 22:09:56



Date: 30 AUG.2026 22:10:11

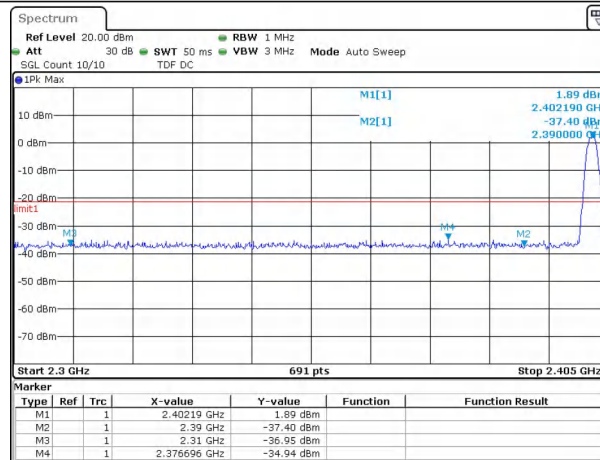
Appendix G: Emissions in Restricted Bands

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Gain (dBi)	Antenna	Detector	Freq (MHz)	Result (dBm)	Limit (dBm)	Result (dBuV/m)	Limit (dBuV/m)	Verdict
1	NTNV	BLE	2402	1Mbps	2	ANT1	Peak	2390.00	-37.40	-21.20	57.80	74.00	Pass
							Peak	2310.00	-36.95	-21.20	58.25	74.00	Pass
							Peak	2376.70	-34.94	-21.20	60.26	74.00	Pass
2	NTNV	BLE	2402	1Mbps	2	ANT1	AV	2390.00	-57.98	-41.20	37.22	54.00	Pass
							AV	2310.00	-58.47	-41.20	36.73	54.00	Pass
							AV	2341.09	-56.06	-41.20	39.14	54.00	Pass
3	NTNV	BLE	2480	1Mbps	2	ANT1	Peak	2483.50	-36.96	-21.20	58.24	74.00	Pass
							Peak	2500.00	-36.59	-21.20	58.61	74.00	Pass
							Peak	2543.74	-34.48	-21.20	60.72	74.00	Pass
4	NTNV	BLE	2480	1Mbps	2	ANT1	AV	2483.50	-57.13	-41.20	38.07	54.00	Pass
							AV	2500.00	-57.91	-41.20	37.29	54.00	Pass
							AV	2511.97	-55.73	-41.20	39.47	54.00	Pass
5	NTNV	BLE	2402	2Mbps	2	ANT1	Peak	2390.00	-36.37	-21.20	58.83	74.00	Pass
							Peak	2310.00	-35.99	-21.20	59.21	74.00	Pass
							Peak	2326.78	-34.74	-21.20	60.46	74.00	Pass
6	NTNV	BLE	2402	2Mbps	2	ANT1	AV	2390.00	-58.12	-41.20	37.08	54.00	Pass
							AV	2310.00	-58.45	-41.20	36.75	54.00	Pass
							AV	2340.78	-56.21	-41.20	38.99	54.00	Pass
7	NTNV	BLE	2480	2Mbps	2	ANT1	Peak	2483.50	-36.70	-21.20	58.50	74.00	Pass
							Peak	2500.00	-36.91	-21.20	58.29	74.00	Pass
							Peak	2510.70	-34.48	-21.20	60.72	74.00	Pass
8	NTNV	BLE	2480	2Mbps	2	ANT1	AV	2483.50	-57.05	-41.20	38.15	54.00	Pass
							AV	2500.00	-58.05	-41.20	37.15	54.00	Pass
							AV	2511.97	-55.75	-41.20	39.45	54.00	Pass

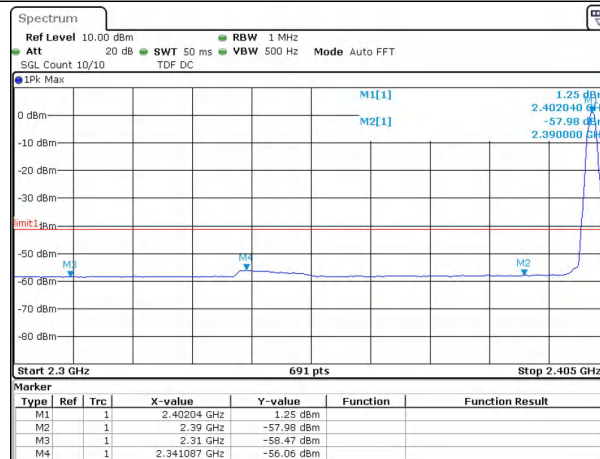
Test Graphs

NTNV_BLE_2402_1Mbps_Peak



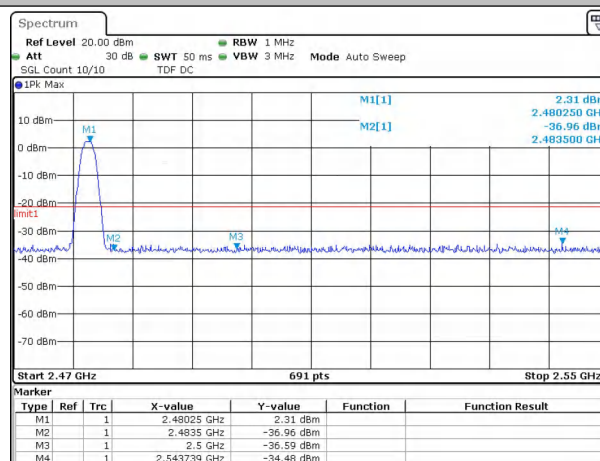
Date: 30 AUG.2026 21:58:14

NTNV_BLE_2402_1Mbps_AV



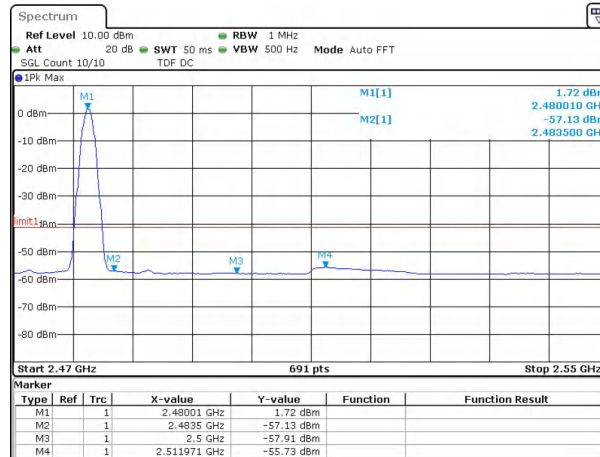
Date: 30 AUG.2026 21:58:18

NTNV_BLE_2480_1Mbps_Peak



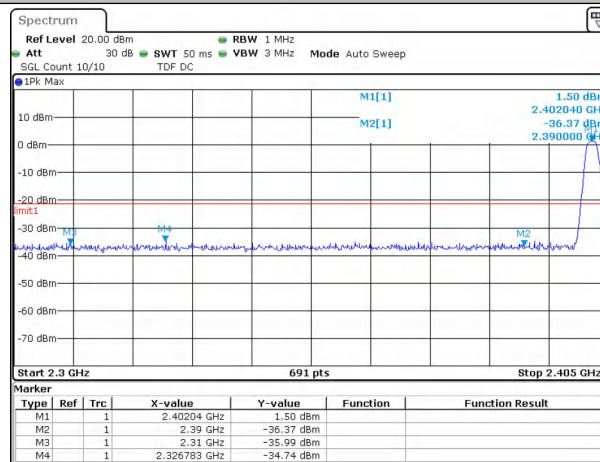
Date: 30 AUG.2026 22:02:41

NTNV_BLE_2480_1Mbps_AV



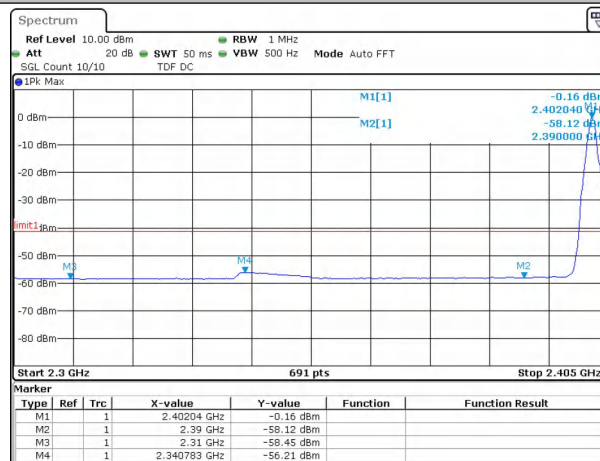
Date: 30 AUG.2026 22:02:46

NTNV_BLE_2402_2Mbps_Peak



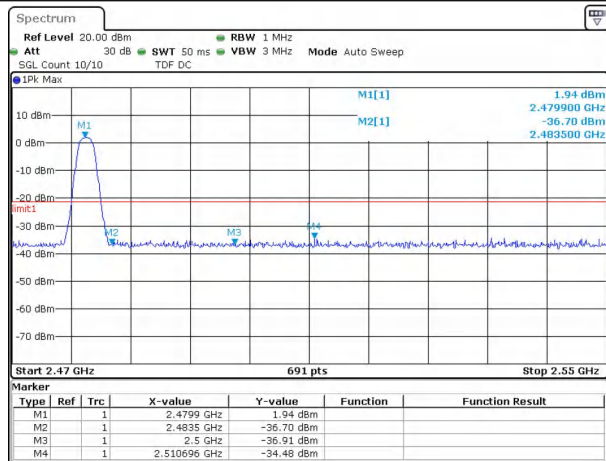
Date: 30 AUG.2026 22:04:59

NTNV_BLE_2402_2Mbps_AV



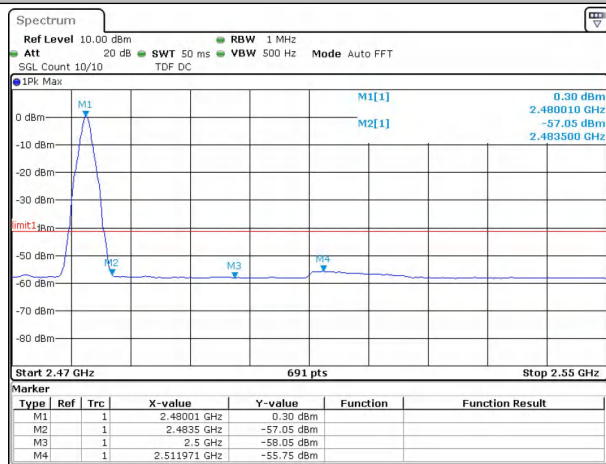
Date: 30 AUG.2026 22:05:04

NTNV_BLE_2480_2Mbps_Peak



Date: 30 AUG.2026 22:10:26

NTNV_BLE_2480_2Mbps_AV



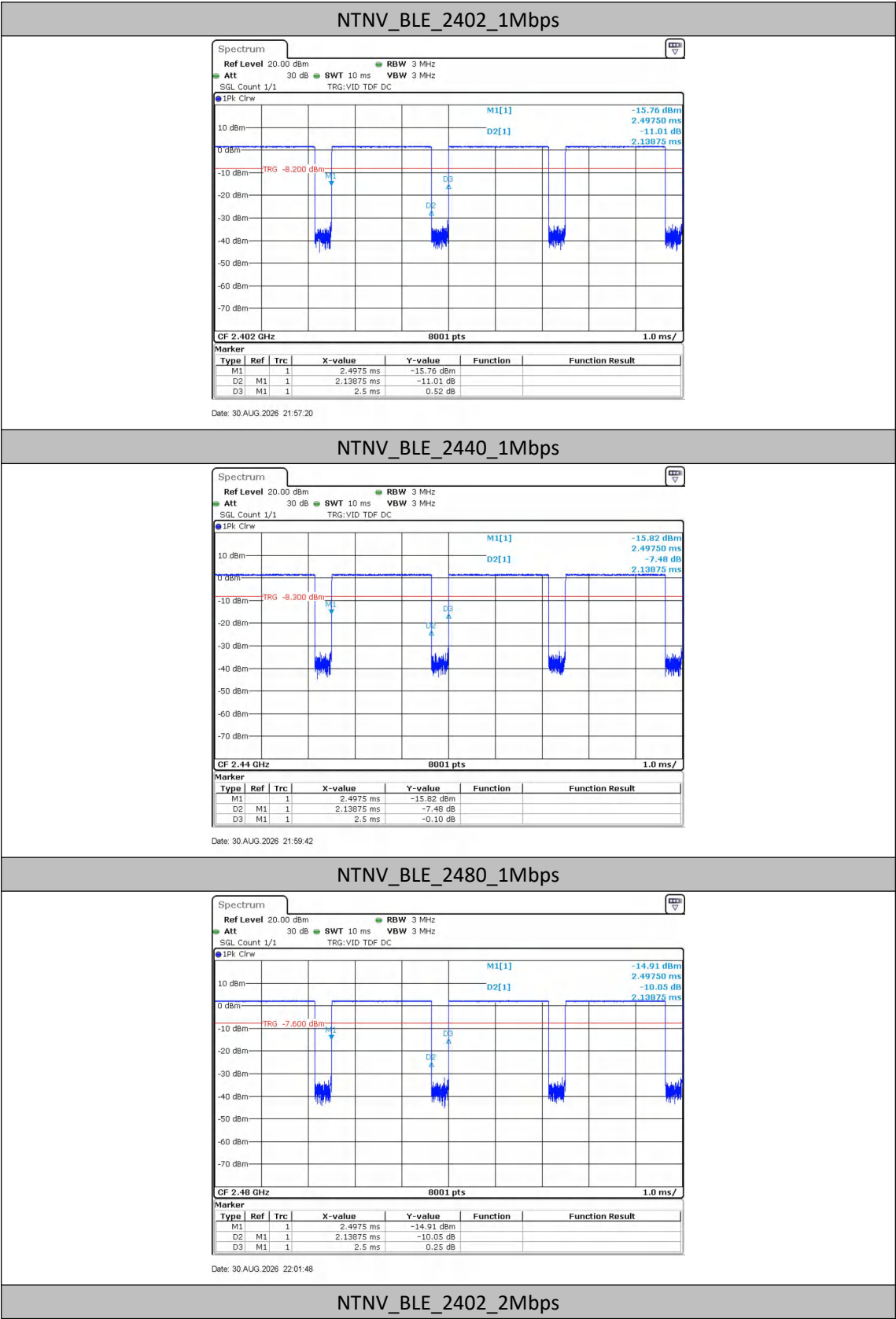
Date: 30 AUG.2026 22:10:31

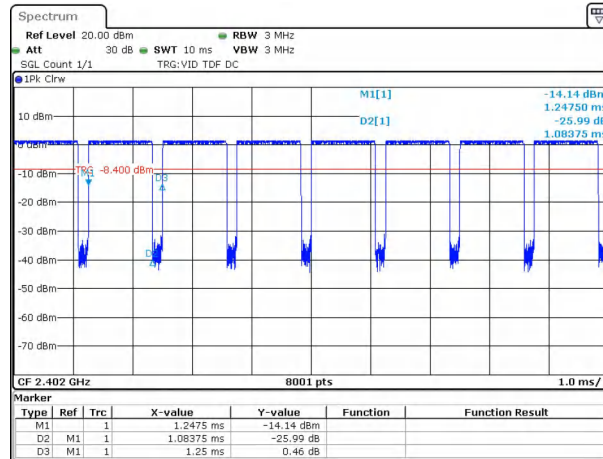
Appendix G: Duty Cycle

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	86.70

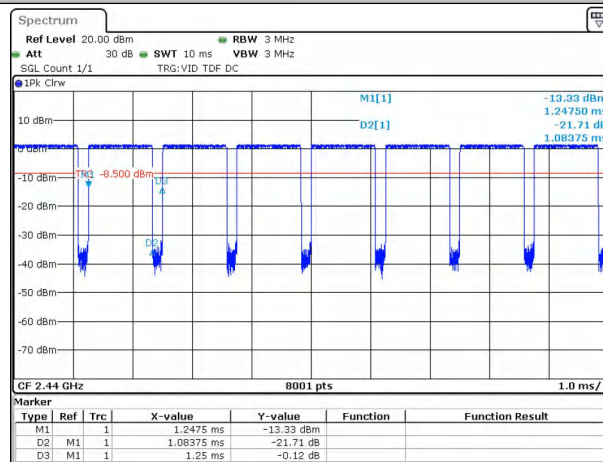
Test Graphs





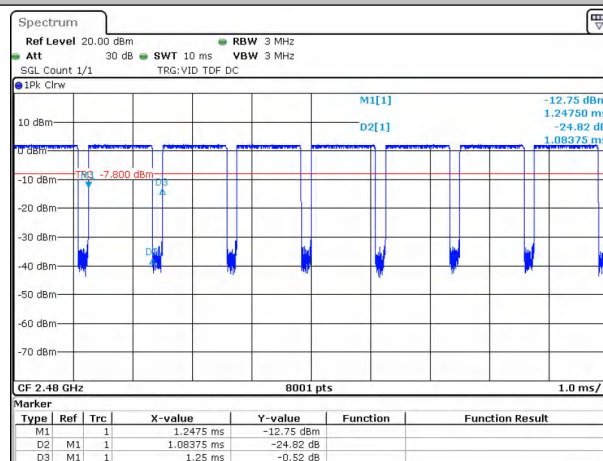
Date: 30.AUG.2026 22:04:06

NTNV_BLE_2440_2Mbps



Date: 30.AUG.2026 22:06:59

NTNV_BLE_2480_2Mbps



Date: 30.AUG.2026 22:09:32