

Case No.: <u>CQASZ20260601267E</u>	
Ambient Condition: <u>25</u> °C, <u>50</u> %RH	
According Standard: ■Part15C/RSS-247	Bar code: <u>260618012-2</u>
Test Date: <u>2026.06.24</u>	Test Engineer: <u>Nie Ziwei</u>

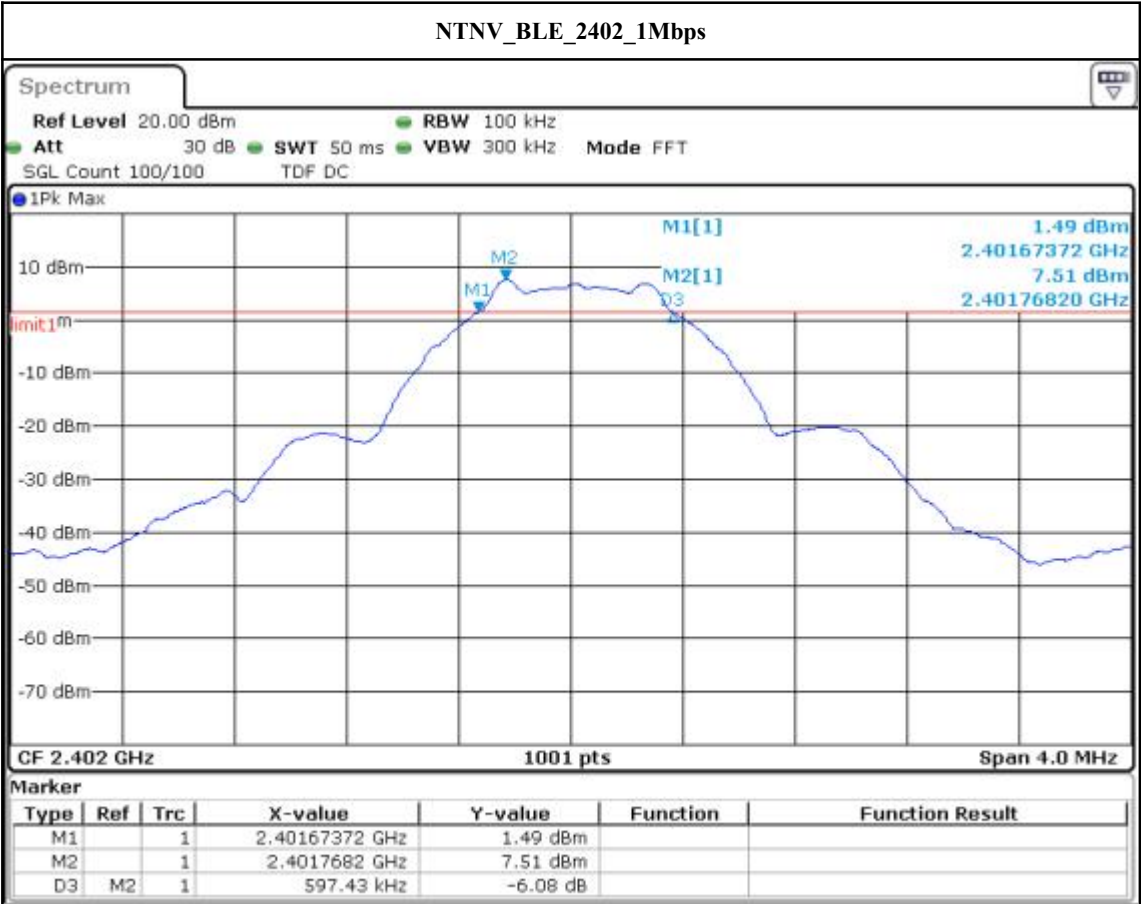
Summary

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

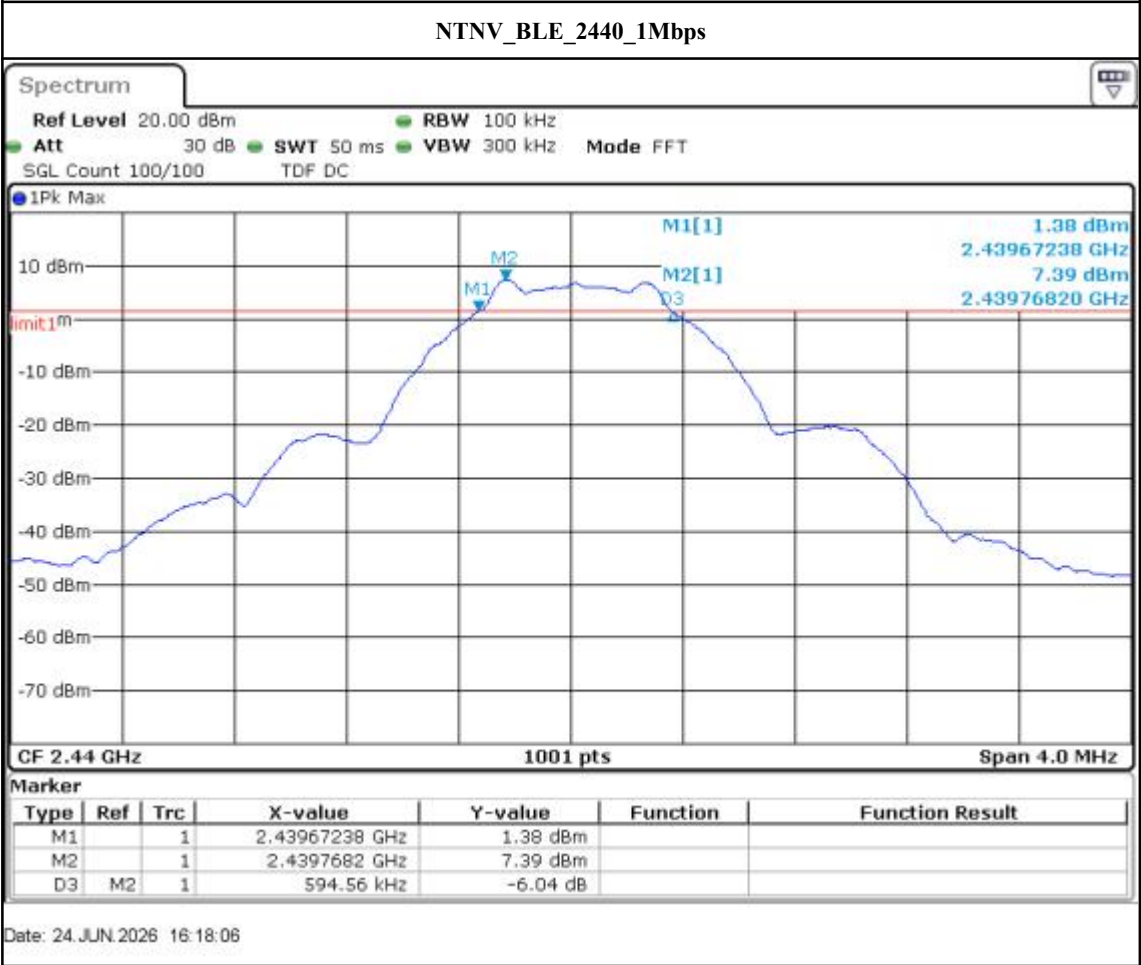
Appendix A: DTS Bandwidth

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	6dB Occupy Bandwidth (MHz)	Limit (MHz)	FL (MHz)	FH (MHz)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	0.60	≥0.5	2401.67	2402.37	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	0.60	≥0.5	2439.67	2440.36	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	0.59	≥0.5	2479.68	2480.36	Pass

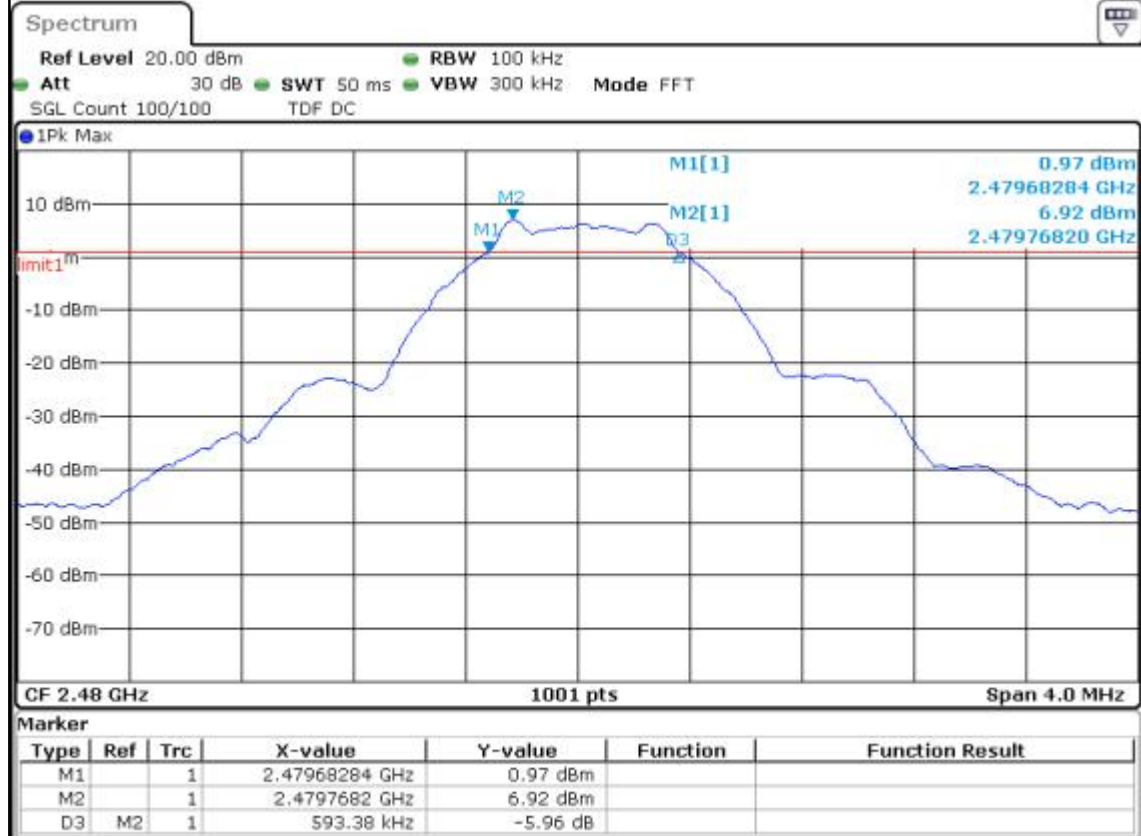


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NTNV_BLE_2480_1Mbps

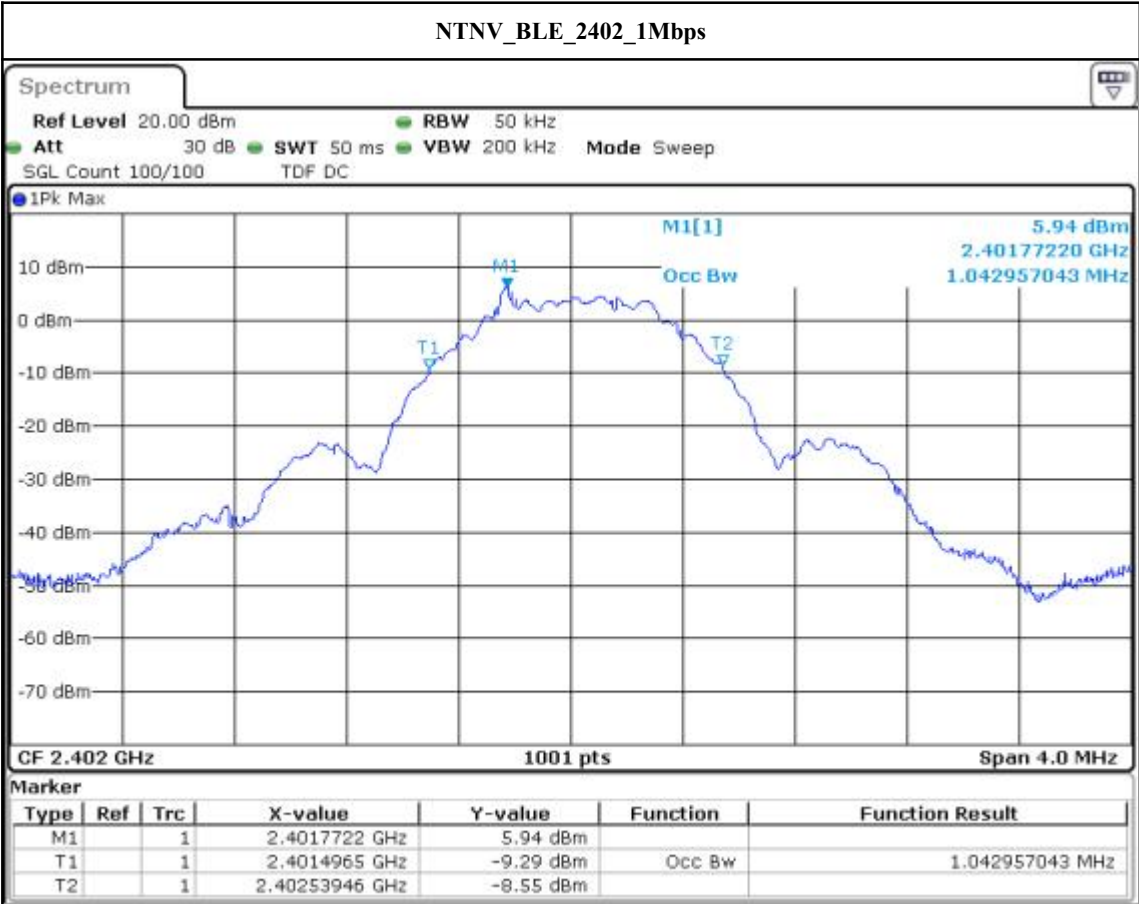


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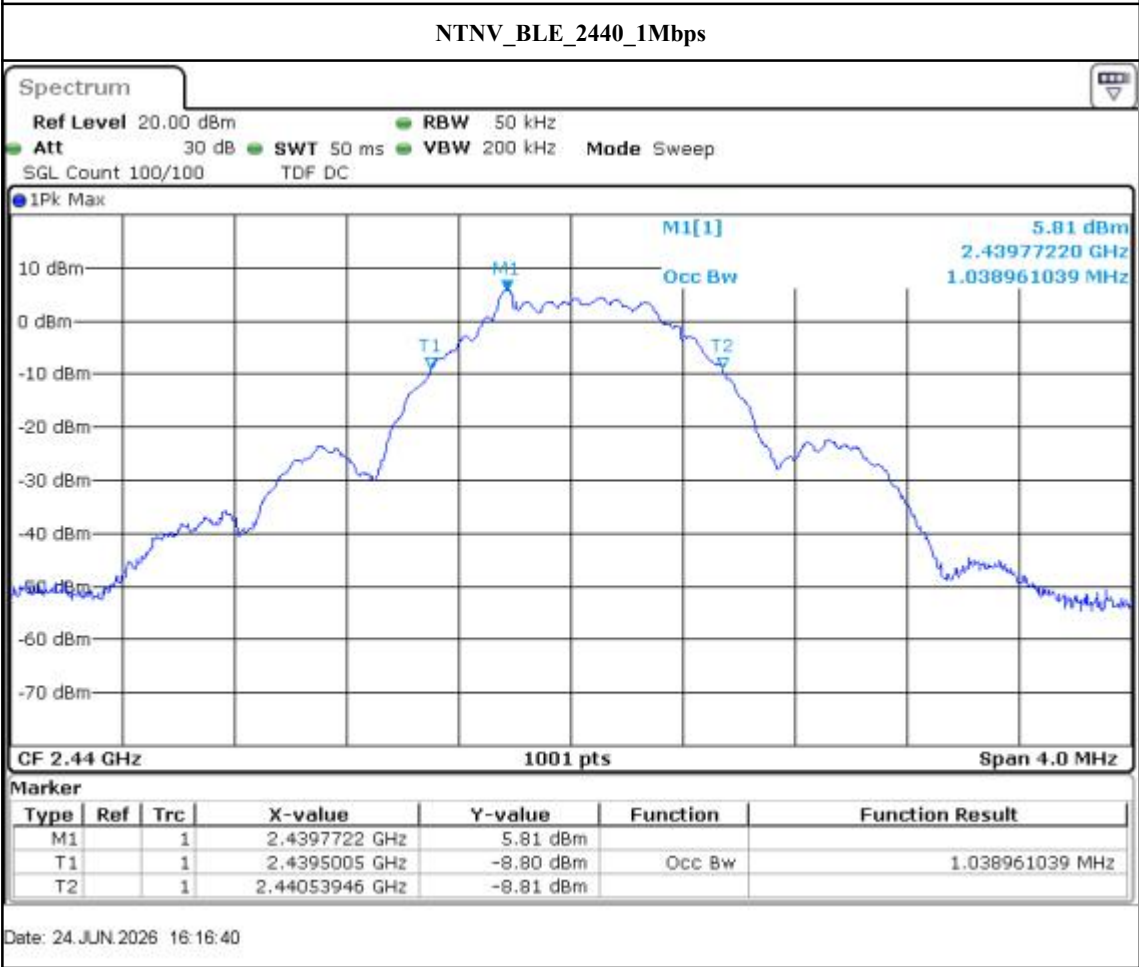
Appendix B: Occupied Channel Bandwidth

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	99% OBW (MHz)	Limit (dBm)	FL (MHz)	FH (MHz)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	1.04	≥0	2401.50	2402.54	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	1.04	≥0	2439.50	2440.54	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	1.02	≥0	2479.51	2480.53	Pass



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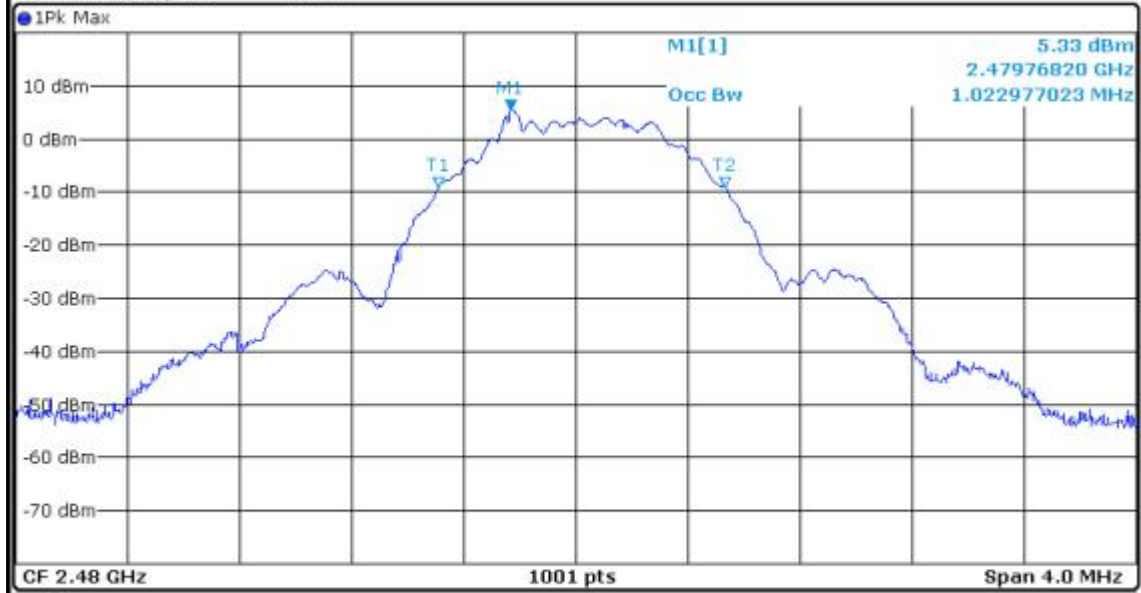
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NTNV_BLE_2480_1Mbps

Spectrum



Ref Level 20.00 dBm
Att 30 dB
SGL Count 100/100
RBW 50 kHz
SWT 50 ms
TDF DC
VBW 200 kHz
Mode Sweep



Marker

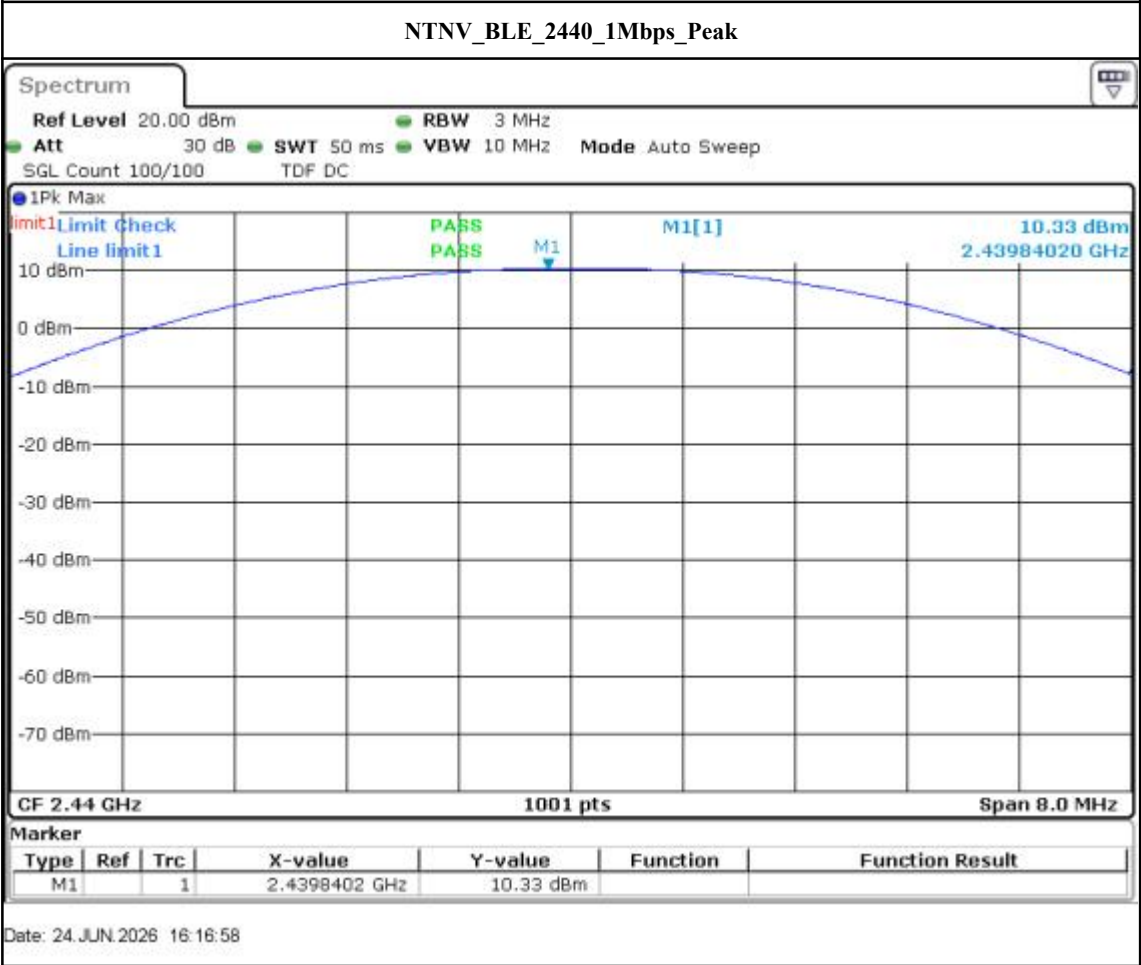
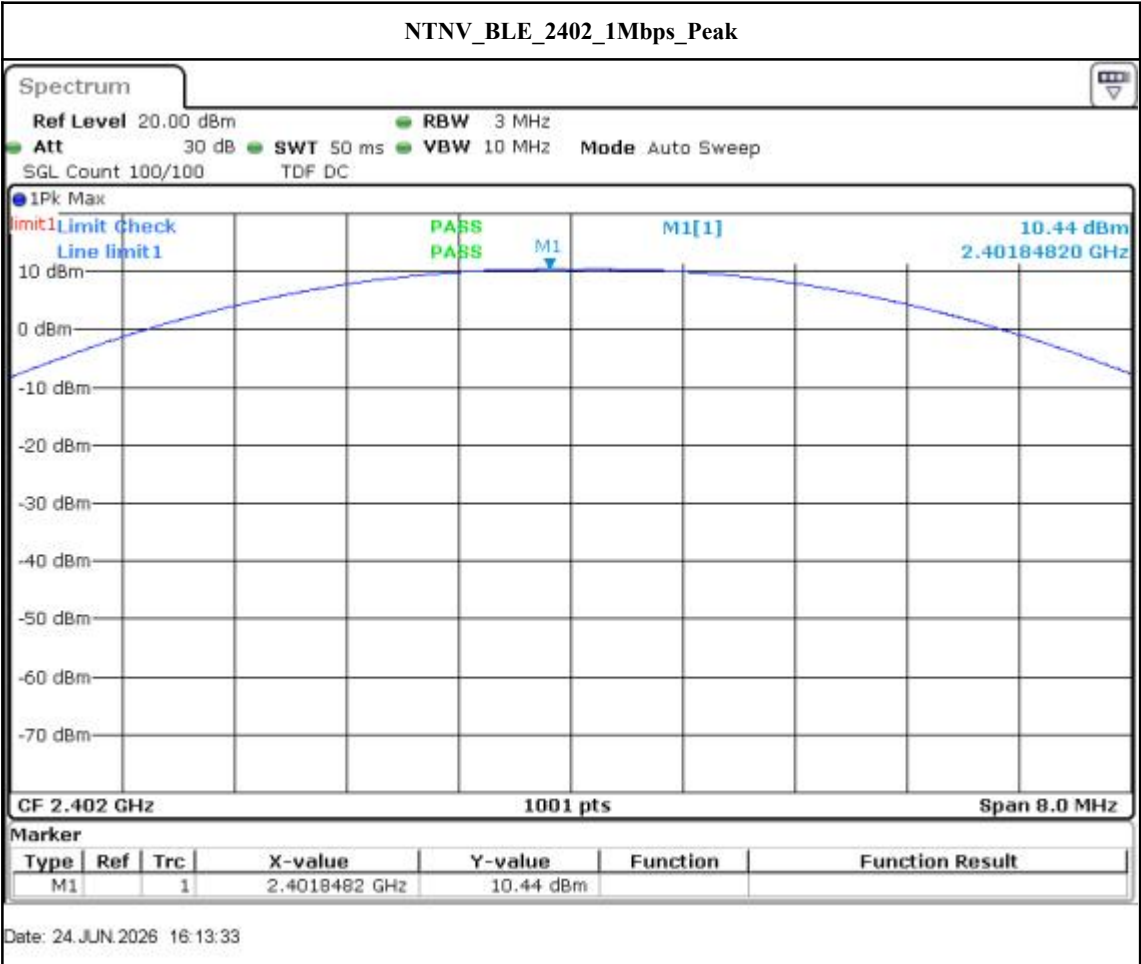
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4797682 GHz	5.33 dBm		
T1		1	2.47950849 GHz	-9.11 dBm	Occ Bw	1.022977023 MHz
T2		1	2.48053147 GHz	-9.21 dBm		

Date: 24 JUN 2026 16:18:30

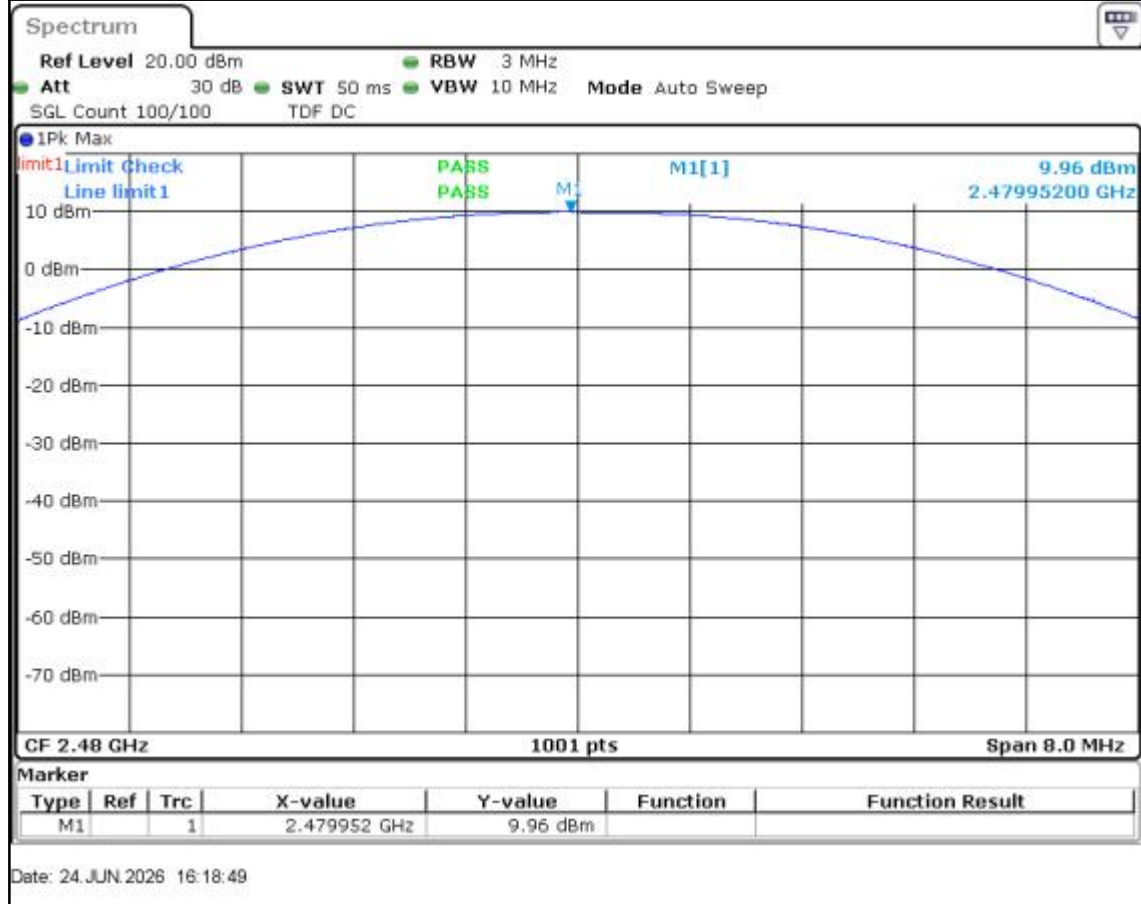
Appendix C: Maximum conducted output power

Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Detector	Antenna	Conducted Peak Power (dBm)	Conducted Limit(dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
1	NTNV	BLE	2402	Peak	ANT1	10.44	≤30	-2.61	7.83	≤36	Pass
2	NTNV	BLE	2440	Peak	ANT1	10.33	≤30	-2.61	7.72	≤36	Pass
3	NTNV	BLE	2480	Peak	ANT1	9.96	≤30	-2.61	7.35	≤36	Pass



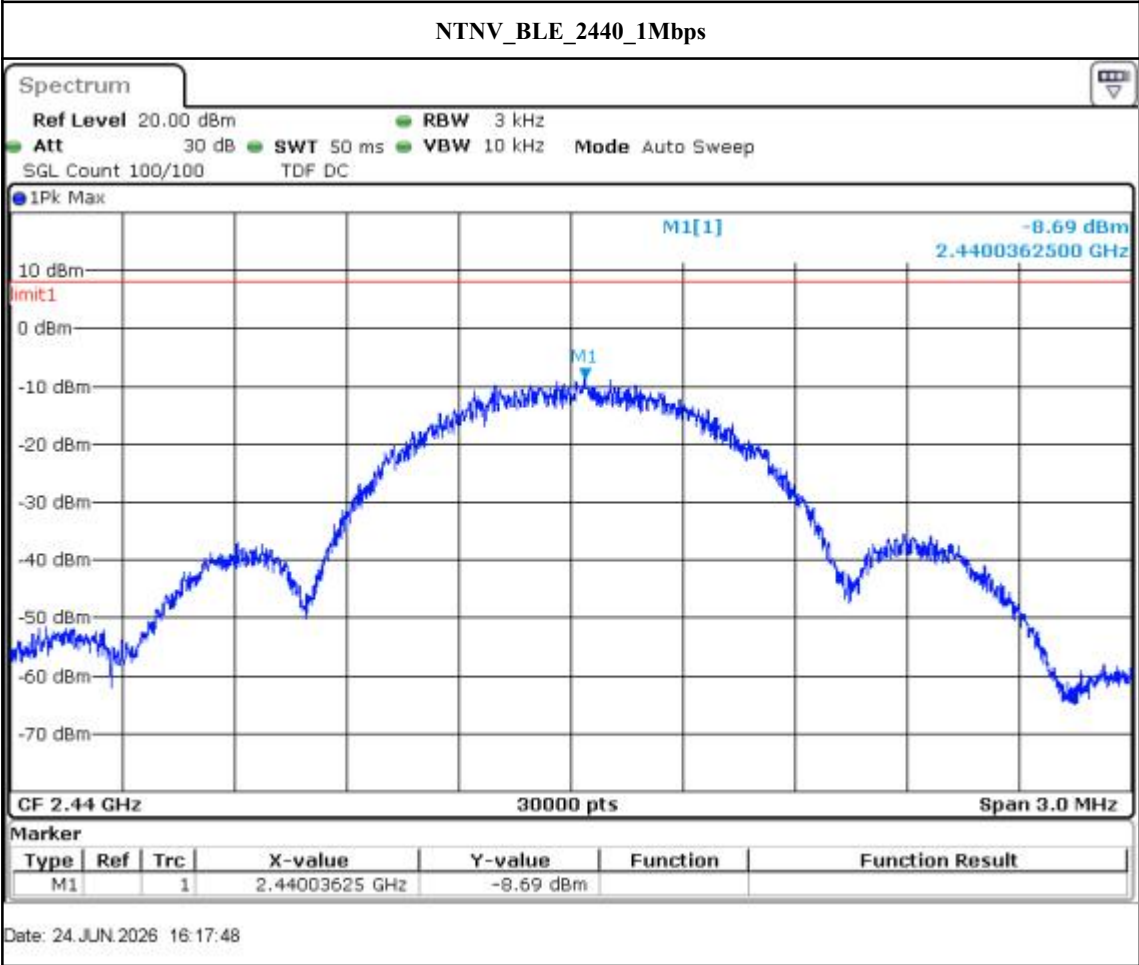
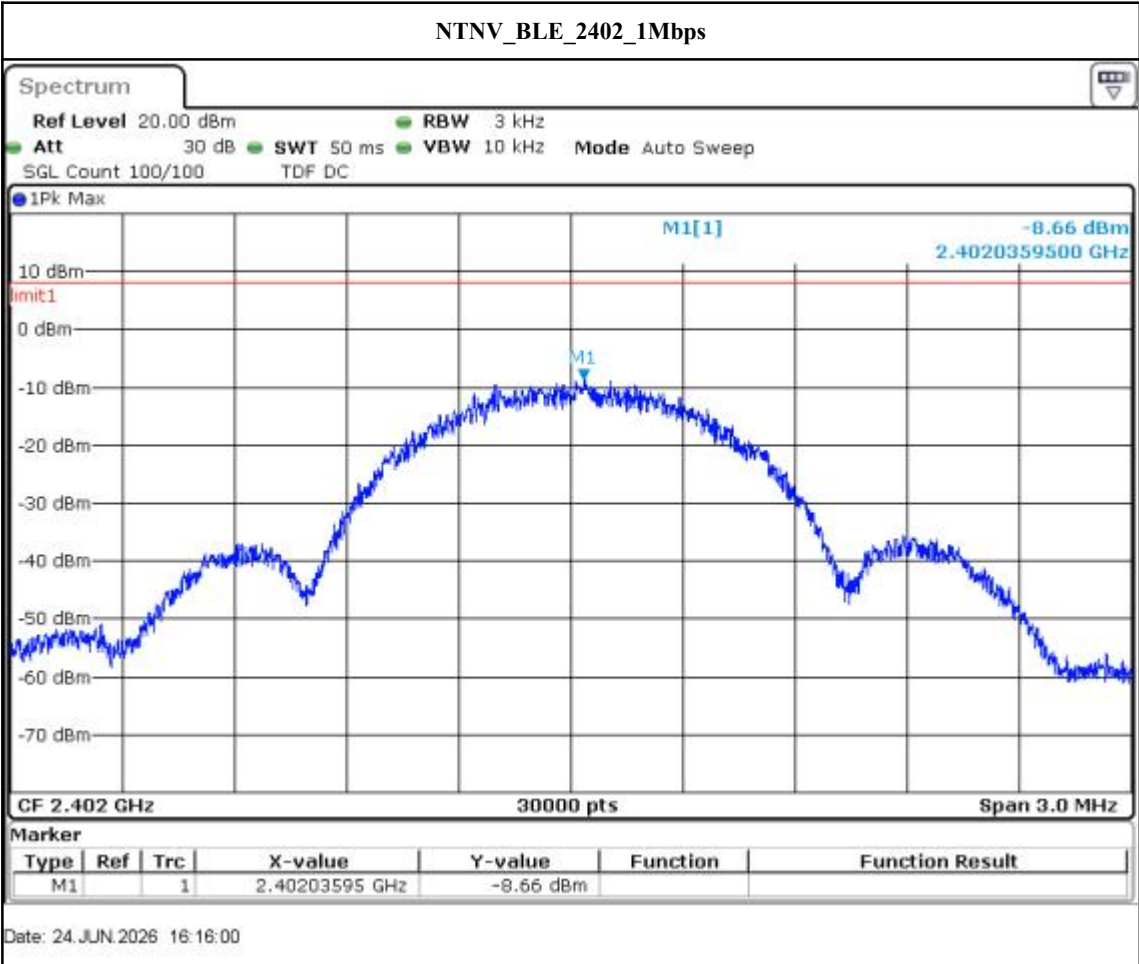
NTNV_BLE_2480_1Mbps_Peak



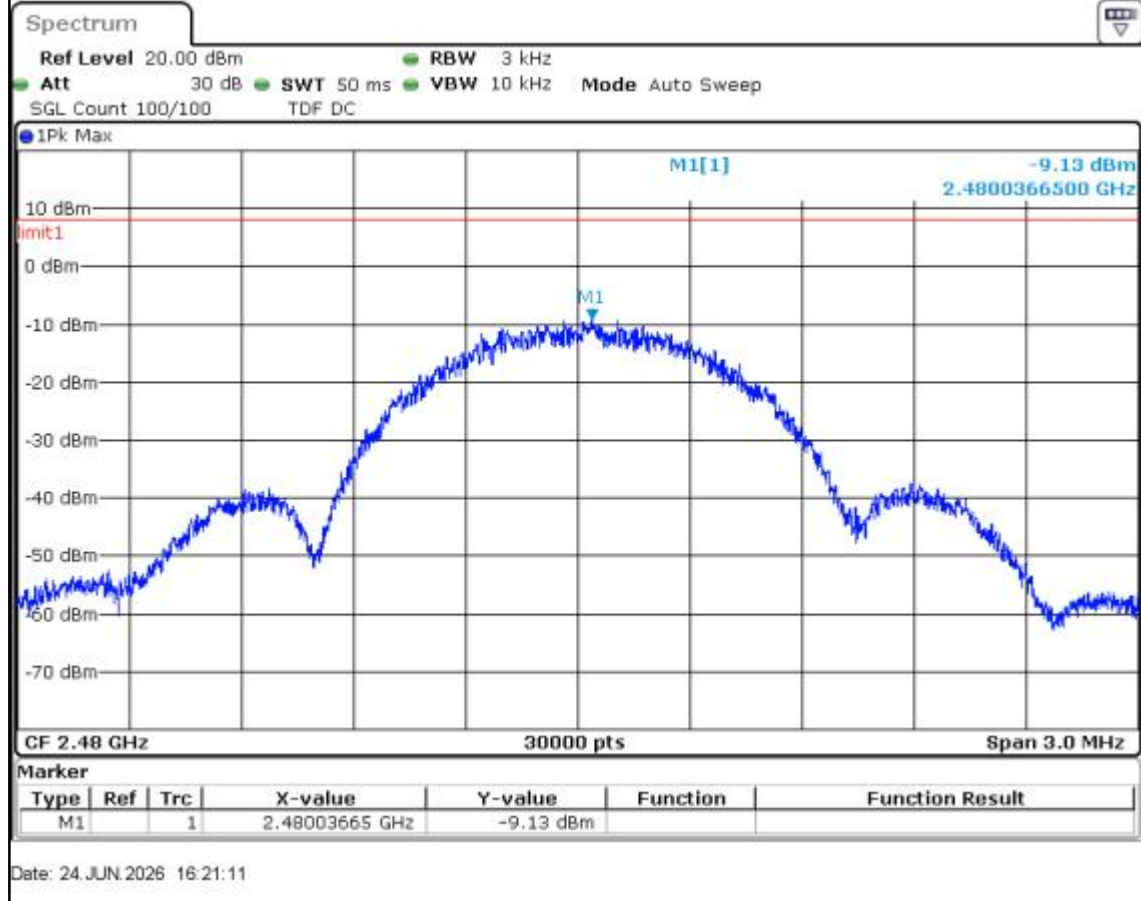
Appendix D: Maximum power spectral density

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	-8.66	≤8	Pass
2	NTNV	BLE	2440	1Mbps	ANT1	-8.69	≤8	Pass
3	NTNV	BLE	2480	1Mbps	ANT1	-9.13	≤8	Pass



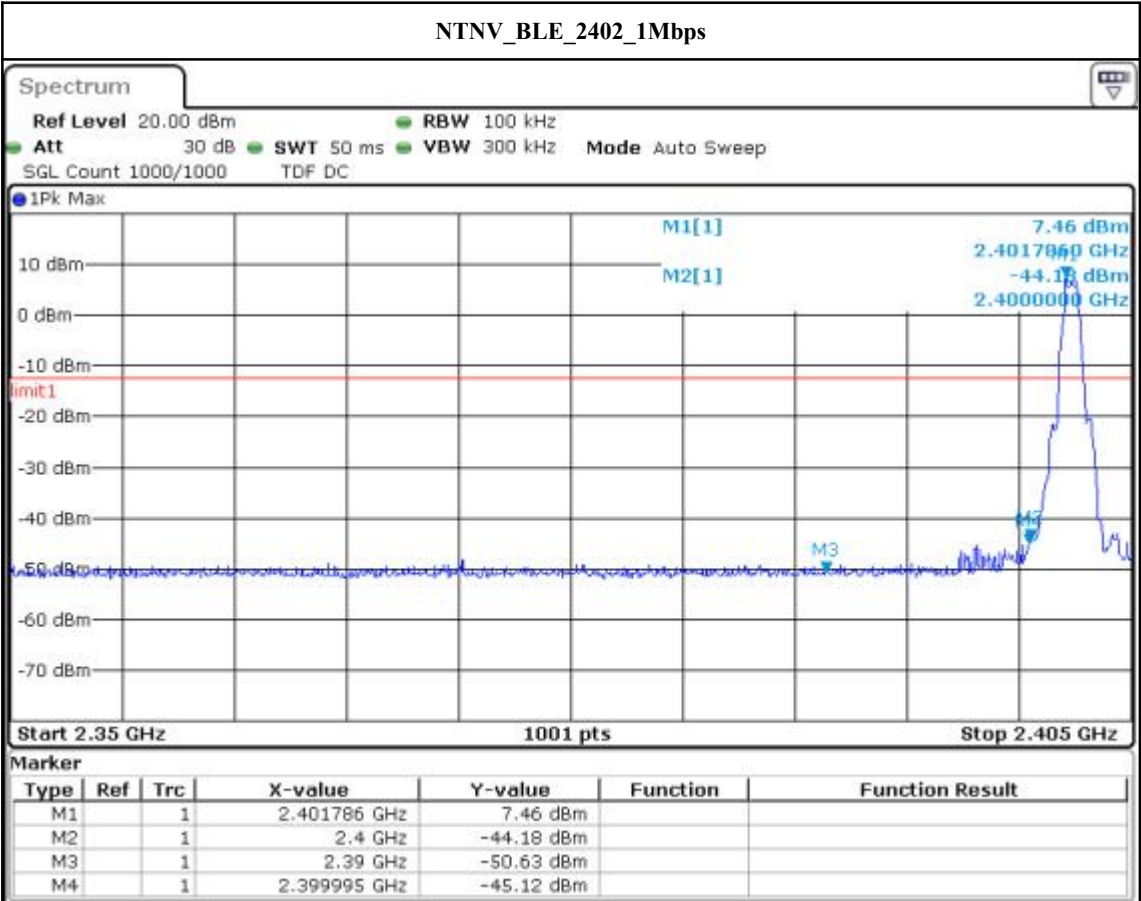
NTNV_BLE_2480_1Mbps



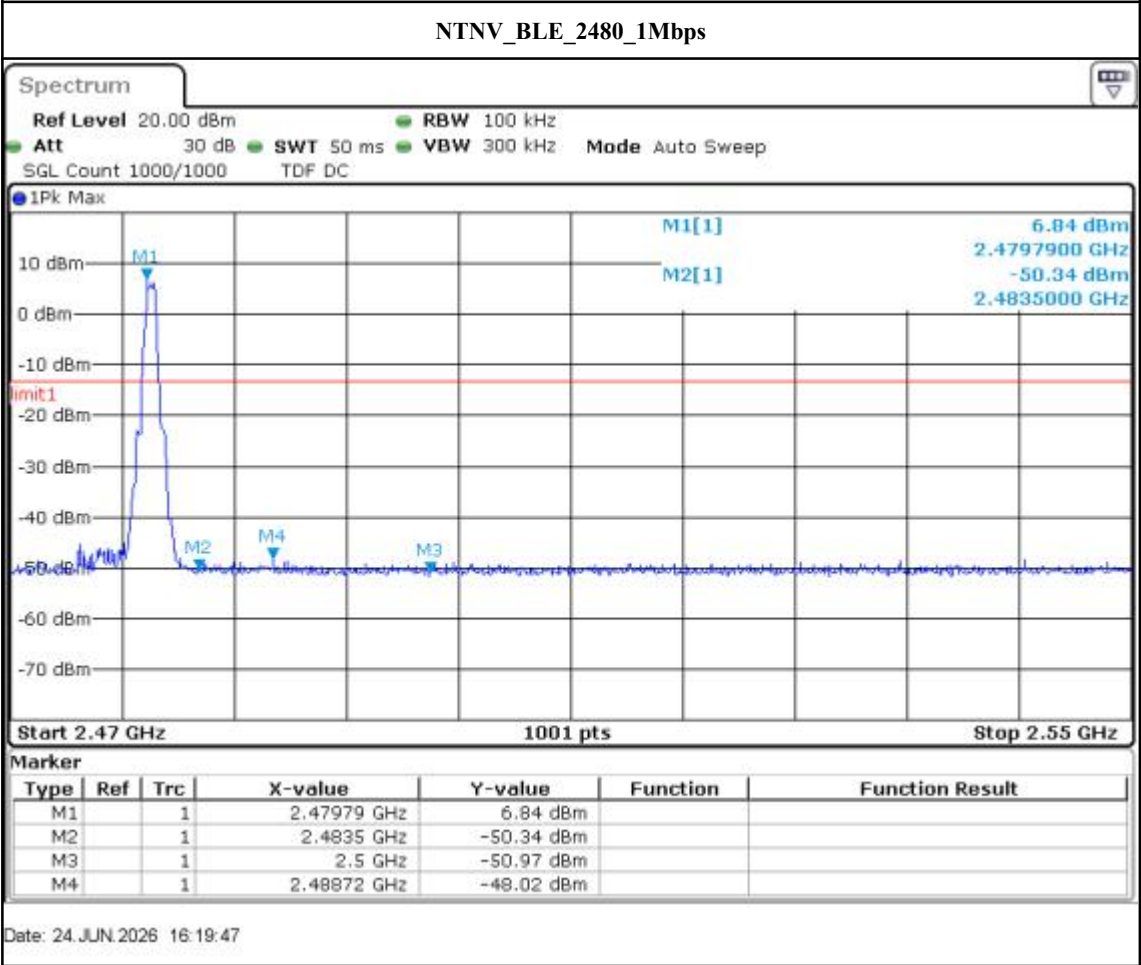
Appendix E: Band edge measurements

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	7.46	-45.12	≤-12.54	Pass
2	NTNV	BLE	2480	1Mbps	ANT1	6.84	-48.02	≤-13.16	Pass



Date: 24.JUN.2026 16:14:31



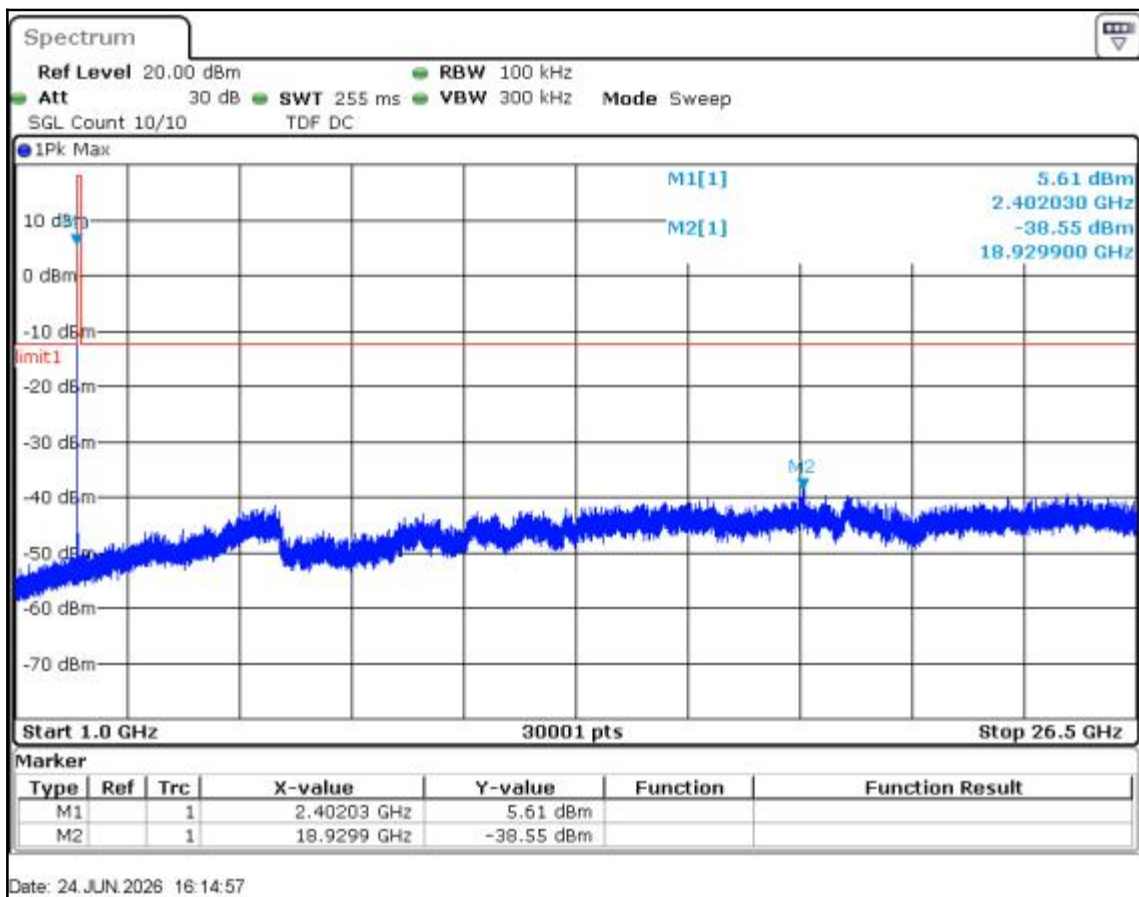
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Appendix F: Conducted Spurious Emission

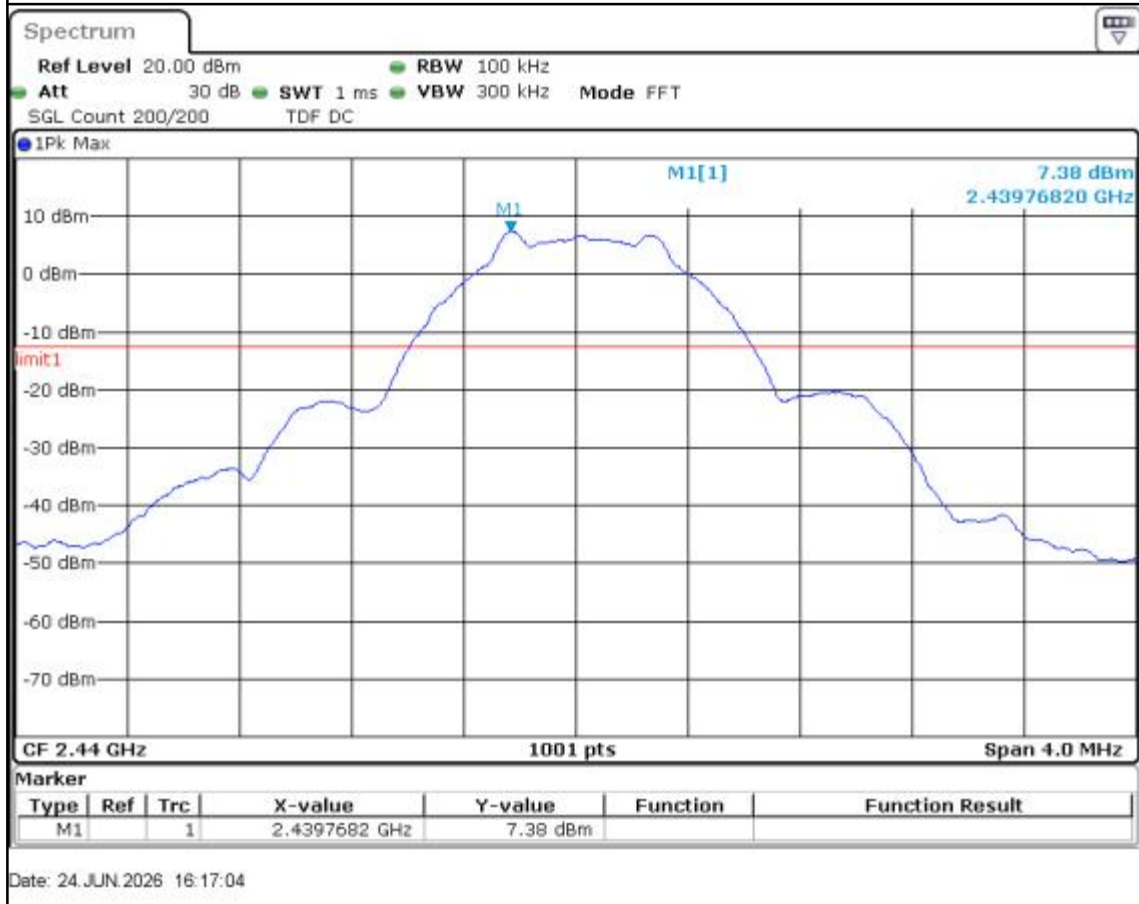
Test Result

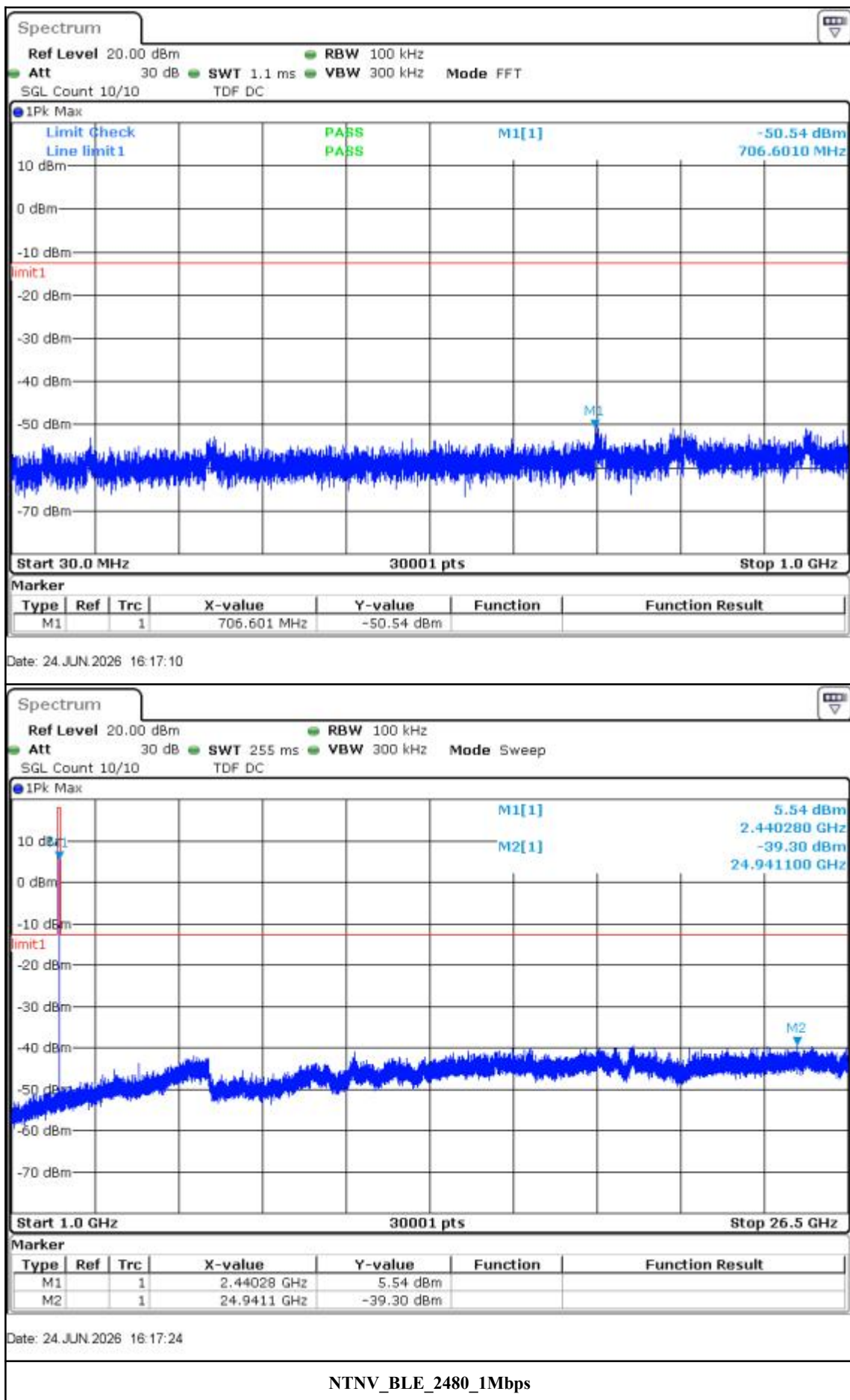
NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Frequency Range (MHz)	Ref Level (MHz)	Max Power (dBm)	Limit (dBm)	Verdict
1	NTNV	BLE	2402	1Mbps	ANT1	Reference	0.1	7.51	/	PASS
						30~1000	0.1	-50.13	≤-12.49	Pass
						1000~26500	0.1	-38.55	≤-12.49	Pass
2	NTNV	BLE	2402	1Mbps	ANT1	Reference	0.1	7.38	/	PASS
						30~1000	0.1	-50.54	≤-12.62	Pass
						1000~26500	0.1	-39.30	≤-12.62	Pass
3	NTNV	BLE	2402	1Mbps	ANT1	Reference	0.1	6.92	/	PASS
						30~1000	0.1	-49.39	≤-13.08	Pass
						1000~26500	0.1	-39.43	≤-13.08	Pass

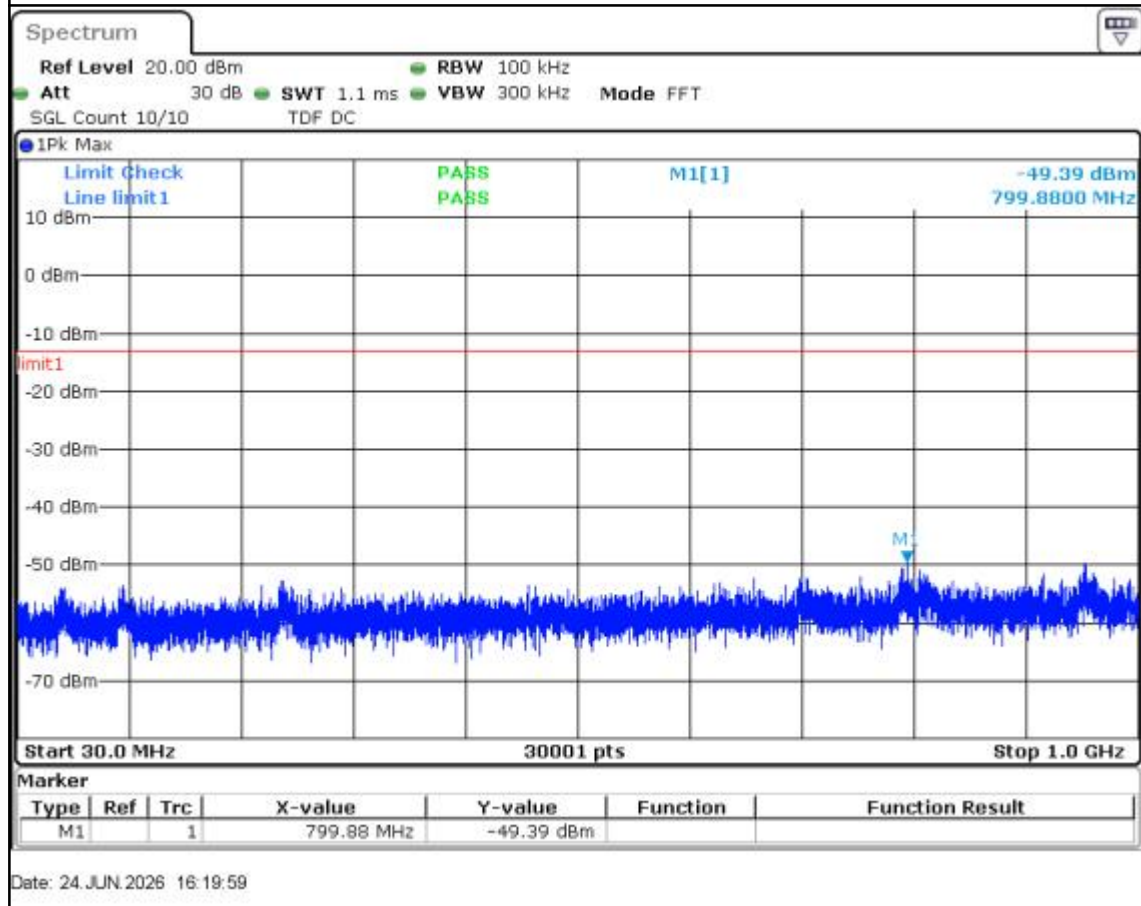
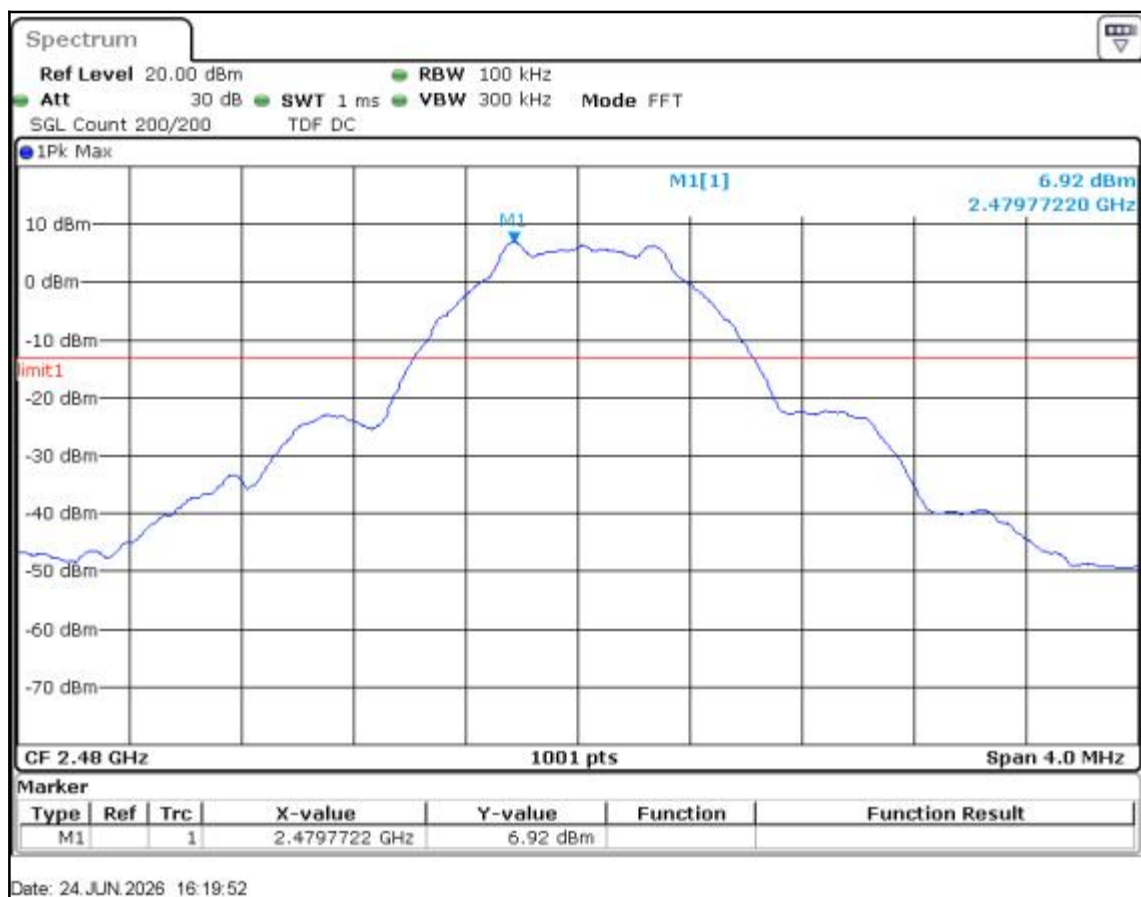


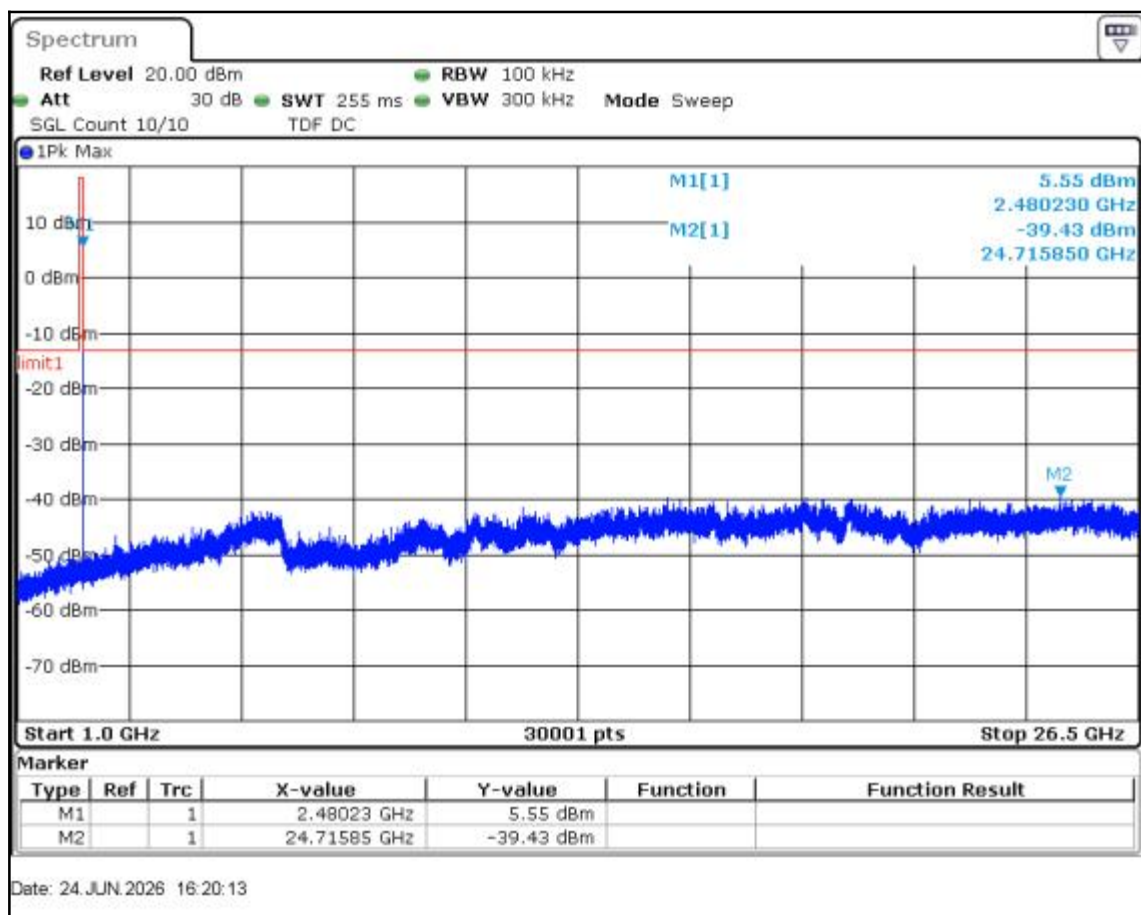


NTNV_BLE_2440_1Mbps







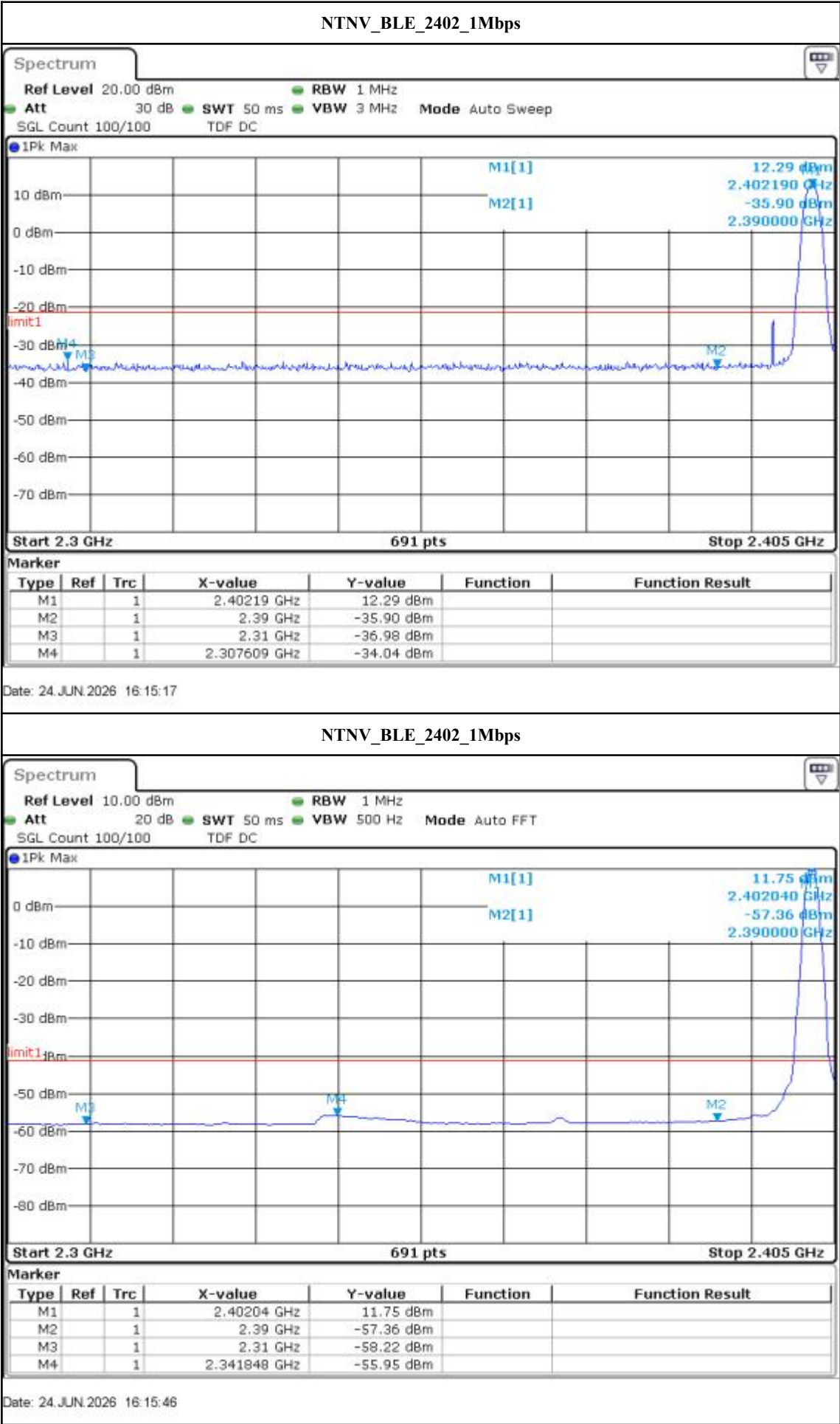


Appendix G: Emissions in Restricted Bands

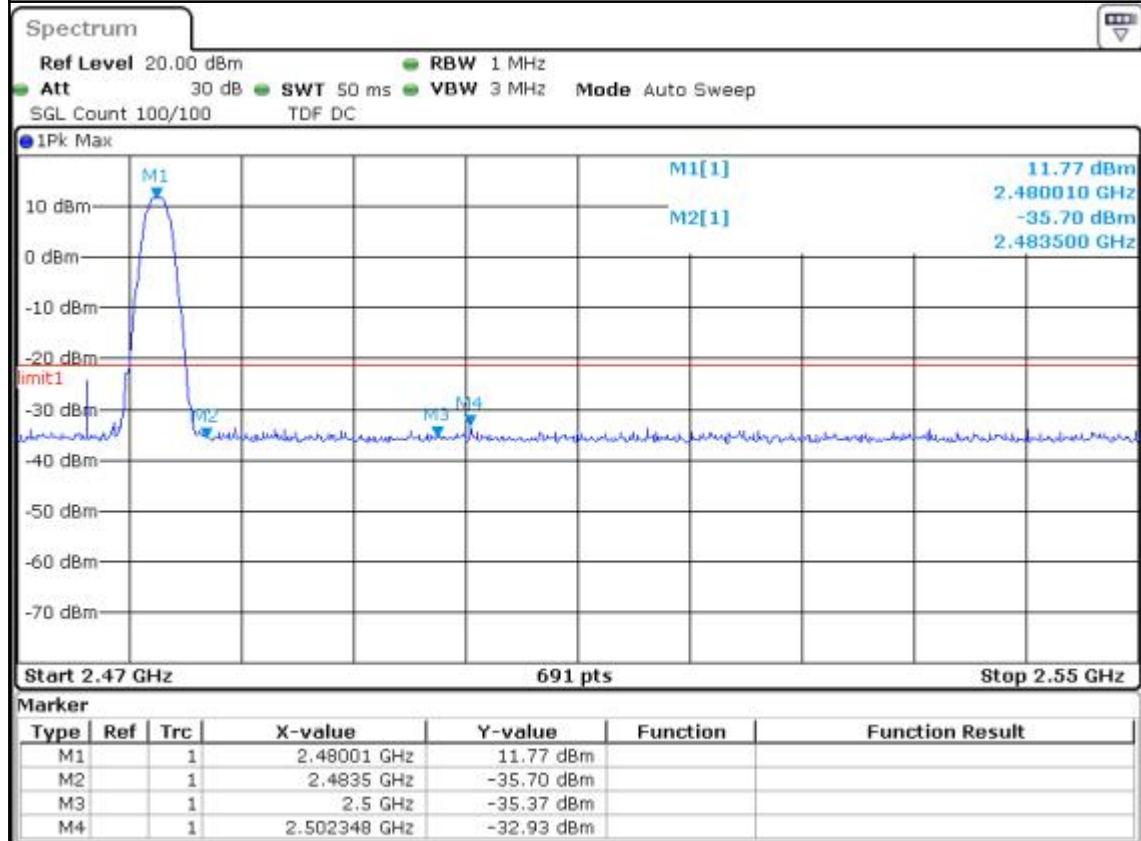
Test Result

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	-35.90	-21.20	59.30	74.00	Pass
							Peak	2310.00	-36.98	-21.20	58.22	74.00	Pass
							Peak	2307.61	-34.04	-21.20	61.16	74.00	Pass
2	NTNV	BLE	2402	1Mbps	2	ANT1	AV	2390.00	-57.36	-41.20	37.84	54.00	Pass
							AV	2310.00	-58.22	-41.20	36.98	54.00	Pass
							AV	2341.85	-55.95	-41.20	39.25	54.00	Pass
3	NTNV	BLE	2480	1Mbps	2	ANT1	Peak	2483.50	-35.70	-21.20	59.50	74.00	Pass
							Peak	2500.00	-35.37	-21.20	59.83	74.00	Pass
							Peak	2502.35	-32.93	-21.20	62.27	74.00	Pass
4	NTNV	BLE	2480	1Mbps	2	ANT1	AV	2483.50	-54.79	-41.20	40.41	54.00	Pass
							AV	2500.00	-57.75	-41.20	37.45	54.00	Pass
							AV	2487.97	-53.82	-41.20	41.38	54.00	Pass

Note:
The TDF=Cable loss+Gain



NTNV_BLE_2480_1Mbps



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NTNV_BLE_2480_1Mbps

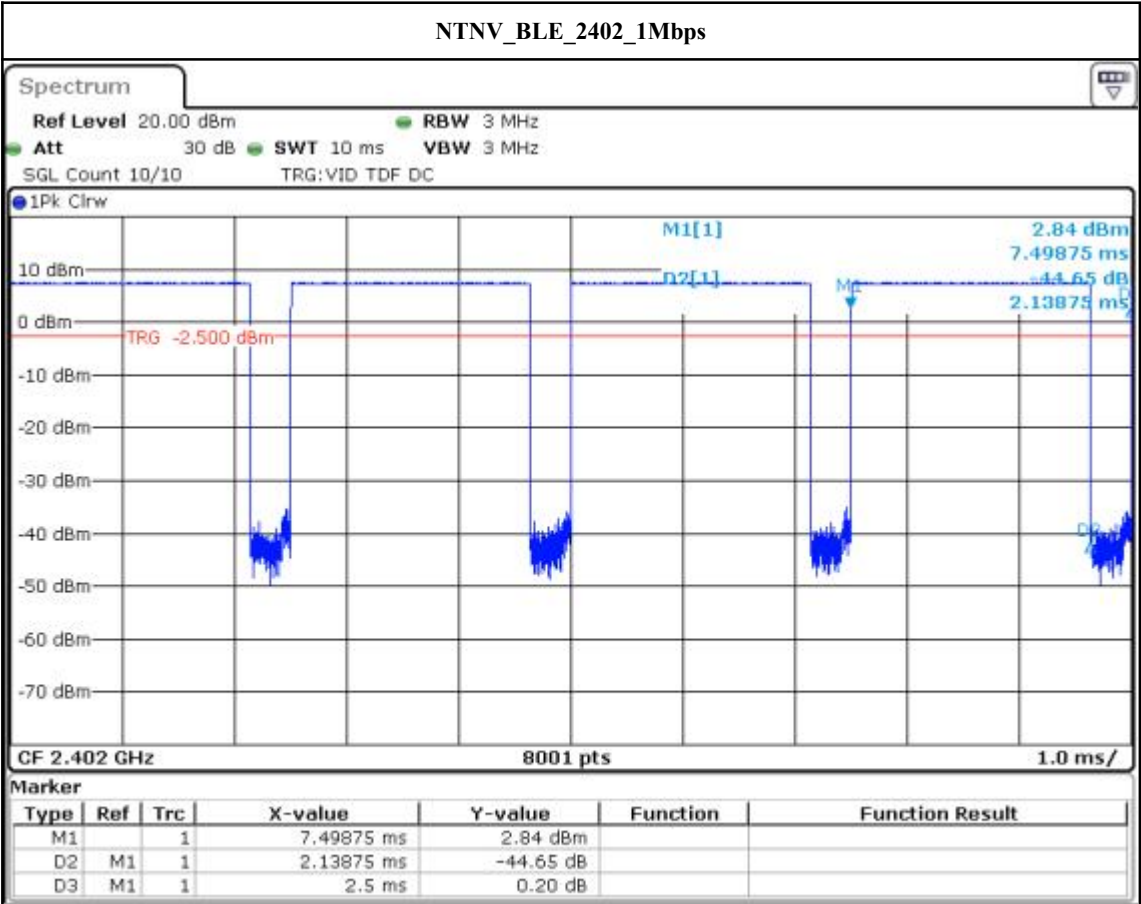


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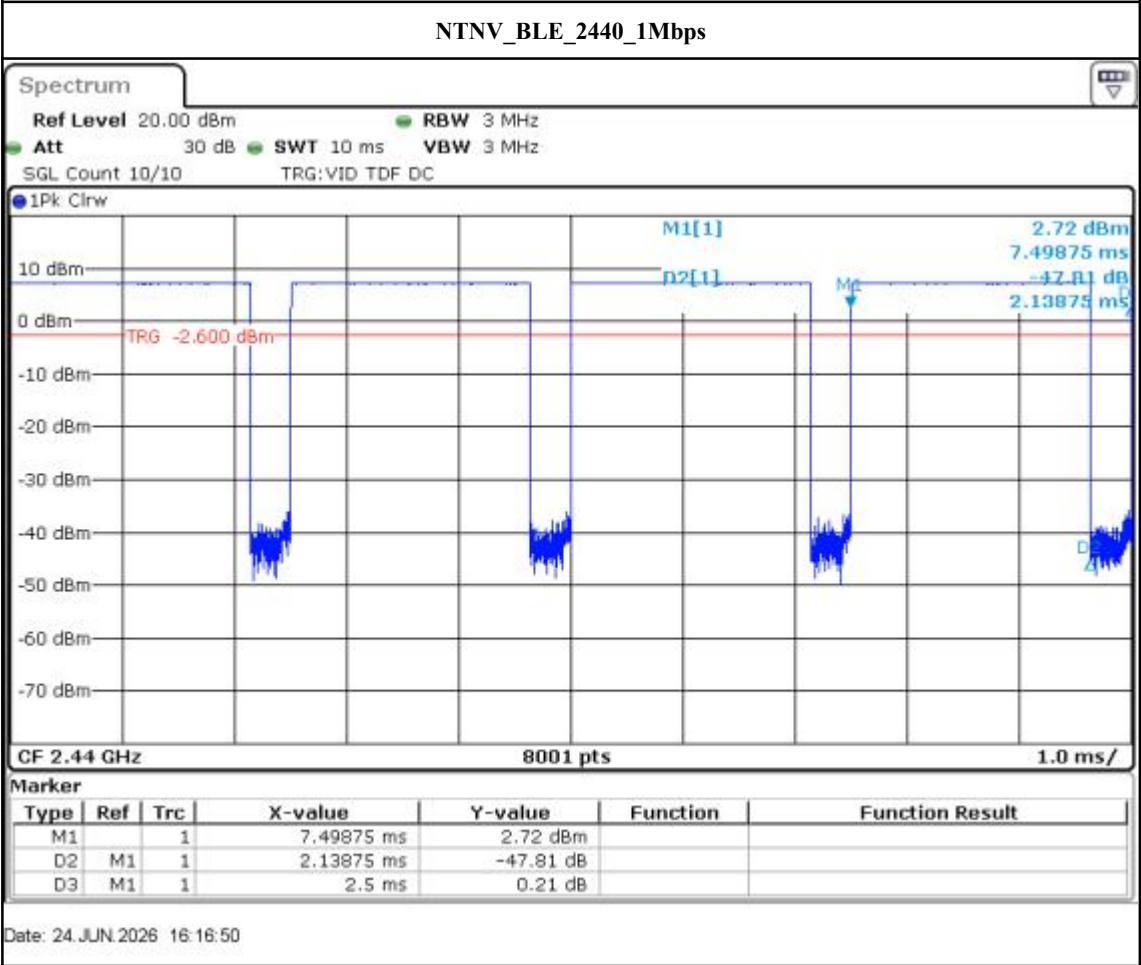
Appendix H: Duty Cycle

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



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NTNV_BLE_2480_1Mbps

