



JAPAN Radio Test Report

WLAN 2.4GHz Band

APPLICANT : PAX Computer Technology (Shenzhen) Co., Ltd.

PRODUCT NAME : POS Terminal

BRAND NAME : PAX

MODEL NAME : A35

TYPE EMISSIONS : 12M1G1D (DSSS_802.11b) ;
17M1G1D/D1D (OFDM_802.11g) ;
18M1G1D/D1D (OFDM_802.11n_HT20) ;
36M4G1D/D1D (OFDM_802.11n_HT40) ;
19M3G1D/D1D (OFDM_802.11ax_HE20) ;
37M9G1D/D1D (OFDM_802.11ax_HE40)

DECLARATION : 4.000 mW/MHz (DSSS_802.11b) ;
OUTPUT POWER : 1.700 mW/MHz (OFDM_802.11g) ;
1.700 mW/MHz (OFDM_802.11n_HT20) ;
0.830 mW/MHz (OFDM_802.11n_HT40) ;
1.400 mW/MHz (OFDM_802.11ax_HE20) ;
0.740 mW/MHz (OFDM_802.11ax_HE40)

STANDARD : Article 49-20 and the relevant articles of the
Ordinance Regulating Radio Equipment

TEST : MIC Notice No.88 Appendix No.43
PROCEDURE

TEST DATE(S) : Mar. 19, 2026 ~ Mar. 23, 2026

We, Sporton International Inc. (ShenZhen), would like to declare that the tested sample has been evaluated in accordance with the procedures given in MIC Notice No.88 Appendix No.43 and shown to be compliant with the applicable technical standards. Article 2 Paragraph 1 Item 19 of the Certificate Ordinance of the Radio Law indicates the classification of the specified radio equipment.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (ShenZhen), the test report shall not be reproduced except in full.

Fly Liang

Approved by: Fly Liang



Sporton International Inc. (ShenZhen)

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People's Republic of China***



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
JR630504B	Rev. 01	Initial issue of report	May 09, 2026

SUMMARY OF TEST RESULT

Report Section	Description	Result
3.1	Frequency Tolerance	Pass
3.2	Occupied Bandwidth	Pass
3.3	Unwanted Emission Intensity	Pass
3.4	RF Output Power / Tolerance	Pass
3.5	Limitation of Collateral Emission of Receiver	Pass
3.6	Transmission Antenna Gain (EIRP Antenna Power)	N/A
3.7	Transmission Radiation Angle Width (3dB Beam width)	N/A
3.8	Radio Interference Prevention Capability	Pass
3.9	Carrier Sense Function	Pass
3.10	Transmission frequency switching function	N/A
3.11	Construction Protection Confirmation	Pass

Conformity Assessment Condition:

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
- The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty"

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.



1 General Description

1.1 Applicant

PAX Computer Technology (Shenzhen) Co., Ltd.

Room 701, PAX Technology Building, Shanxia Community, Pinghu Sub-district, Longgang District, Shenzhen, China

1.2 Manufacturer

PAX Computer Technology (Shenzhen) Co., Ltd.

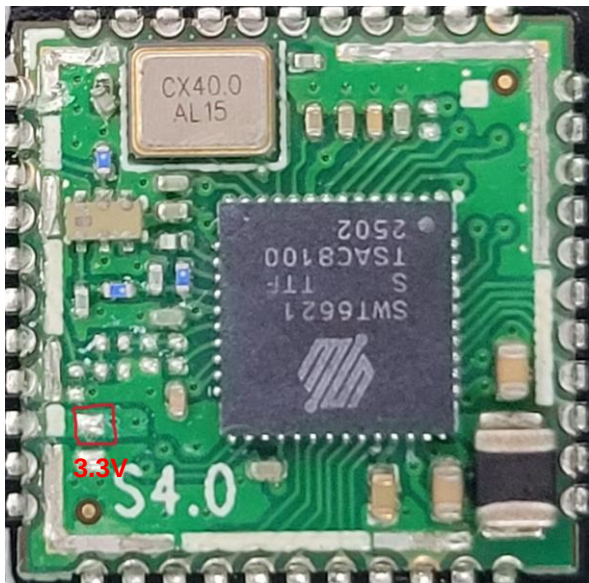
Room 701, PAX Technology Building, Shanxia Community, Pinghu Sub-district, Longgang District, Shenzhen, China

1.3 Feature of Equipment Under Test

Product Feature & Specification		
Product Name	POS Terminal	
Brand Name	PAX	
Model Name	A35	
Support Category / Frequency Range	Article 2-1-19 / 2412MHz ~ 2472MHz	
WLAN Type of Modulation	☒ Direct Spreading (DS) ☒ Orthogonal frequency-division multiplexing (OFDM) ☐ Frequency Hopping (FH)	
RF Technology	☒ 802.11b ☒ 802.11g ☒ 802.11n-HT20 ☒ 802.11ax-HE20 ☒ 802.11n-HT40 ☒ 802.11ax-HE40 ☐ 802.11be-EHT20 ☐ 802.11be-EHT40	
Number of Channels	20MHz System	13
	40MHz System	9
Channel Spacing	5 MHz	
Declaration RF Output Power	4.000 mW/MHz (DSSS 802.11b mode) 1.700 mW/MHz (OFDM 802.11g mode) 1.700 mW/MHz (OFDM 802.11n_HT20 mode) 0.830 mW/MHz (OFDM 802.11n_HT40 mode) 1.400 mW/MHz (OFDM 802.11ax_HE20 mode) 0.740 mW/MHz (OFDM 802.11ax_HE40 mode)	
Antenna Power (E.I.R.P)	8.321 dBm/MHz (DSSS 802.11b mode) 4.604 dBm/MHz (OFDM 802.11g mode) 4.604 dBm/MHz (OFDM 802.11n_HT20 mode) 1.491 dBm/MHz (OFDM 802.11n_HT40 mode) 3.761 dBm/MHz (OFDM 802.11ax_HE20 mode) 0.992 dBm/MHz (OFDM 802.11ax_HE40 mode)	
Type of Modulation	☒ BPSK ☒ QPSK ☒ 16QAM ☒ 64QAM ☒ 256QAM ☒ 1024QAM	
Power Source ^{NOTE}	☒ Commercial power	AC 100 ~ 240V
	☒ External Power Source	DC 5V
	☐ Lithium battery	DC 3.7V, mAh
	☐ UM battery	DC 1.2V

NOTE:

1. When EUT be operated at $\pm 10\%$ from the normal supply voltage, the supply voltage of RF part was varied within $\pm 1\%$. All test cases were done under the normal supply voltage.
2. For 802.11ax mode, Pre-scanned the conducted power for full and partial of Resource unit, the whole testing has assessed only full Ru mode by referring to their higher conducted power.

Power Supply voltage 5.0 Vdc (Nominal)	Power Supply voltage 5.5 Vdc (+10%)	Power Supply voltage 4.5 Vdc (-10%)
3.3	3.3	3.3
Measurement point		
		

Antenna Information			
Brand Name :	N/A	Model Name :	N/A
Antenna Type :	FPC	Antenna Gain :	2.3 dBi

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Modification of EUT

No modifications are made to the EUT during all test items.

1.5 Testing Site

Sporton International Inc. (Shenzhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Site	Sporton International Inc. (Shenzhen)
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985
Test Site No.	Sporton Site No.: TH01-SZ

1.6 Measurement Uncertainty

Test Items	Uncertainty	Remark
Occupied Channel Bandwidth	$\pm 0.012\text{MHz}$	Confidence 95%
RF output power, conducted	$\pm 1.34\text{ dB}$	Confidence 95%
Frequency Tolerance	$\pm 1.3\text{Hz}$	Confidence 95%
Power density, conducted	$\pm 1.32\text{ dB}$	Confidence 95%
Unwanted Emission	$\pm 1.34\text{ dB}$	Confidence 95%
Temperature	$\pm 0.8\text{ }^{\circ}\text{C}$	Confidence 95%
Humidity	$\pm 3\text{ } \%$	Confidence 95%
Time	$\pm 0.33\text{ } \%$	Confidence 95%

1.7 Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- Article 49-20 and the relevant articles of the Ordinance Regulating Radio Equipment

Remark:

- All test items were verified and recorded according to the standards and without any deviation during the test.
- The measurement was implemented in accordance with MIC Notice No. 88 Appendix No. 43.

1.8 Ancillary Equipment List

None.

2 Test Configuration of Equipment Under Test

2.1 Carrier Frequency Channel

Channel	Frequency (MHz)
1	2412
2	2417
3	2422
4	2427
5	2432
6	2437
7	2442
8	2447
9	2452
10	2457
11	2462
12	2467
13	2472

2.2 EUT Operation Test Setup

During testing, RF test program provided by the customer was used to control the operating channel as well as the output power level.

3 Test Result

3.1 Frequency Tolerance Measurement

3.1.1 Limit

Item	Limits
Frequency Tolerance	≤50ppm

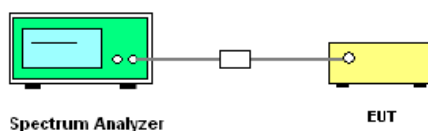
3.1.2 Measuring Instruments

See list of measuring instruments of this test report.

3.1.3 Test Procedure

1. Frequency accuracy of instrument shall be less than 10% of limits tolerance (5ppm).
2. Two methods for the item
 - a. CW Tone method
 - i. Setting of SA is following as: RBW:1kHz / VBW:30kHz.
 - ii. Maker Max. level to get measuring frequency f.
 - b. 10dB down method
 - i. Setting of SA is following as: RBW:100kHz / VBW: 100kHz / Trace: MaxHold
 - ii. Display line Level = Max. level – 10dB to place two markers, highest(fH) and lowest(fL) frequency
 - iii. Determine measuring frequency $f = (fH - fL)/2$
3. The frequency tolerance test case is directly measured using spectrum analyzer. Then the frequency error formula is $(f - f_c)/f_c \times 10^6$ ppm and the limit is less than ±50ppm.

3.1.4 Test Setup





3.1.5 Test Deviation

There is no deviation with the original standard.

3.1.6 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

3.1.7 Test Result of Frequency Tolerance

Please refer to Appendix B.

3.2 Occupied Bandwidth

3.2.1 Limit

Item	Limits
Occupied Band Width	DS $\leq$ 26MHz; Others $\leq$ 26MHz OFDM (For BW=20MHz) $\leq$ 26MHz OFDM (For BW=40MHz) >26 MHz, $\leq$ 40MHz

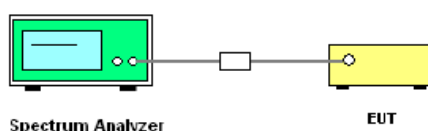
3.2.2 Measuring Instruments

See list of measuring instruments of this test report.

3.2.3 Test Procedures

1. Setting of SA is following as: RBW: 300KHz / VBW:300KHz / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold.
2. EUT have transmitted each modulation signal and fixed channelize (For DSSS or OFDM Device). SA set to 99% of occupied bandwidth to measure occupied bandwidth. The limit is less than 26MHz (For DSSS or OFDM Device).

3.2.4 Test Setup



3.2.5 Test Deviation

There is no deviation with the original standard.

3.2.6 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

3.2.7 Test Result of Occupied Bandwidth Measurement

Please refer to Appendix B.

3.3 Unwanted Emission Intensity Measurement

3.3.1 Limit

Item	Limits
Tx Spurious Emission	$\leq 2.5 \mu\text{W/MHz}$ ($2387\text{MHz} > f$; $2496.5\text{MHz} < f$)
	$\leq 25 \mu\text{W/MHz}$ ($2387\text{MHz} \leq f < 2400\text{MHz}$) and ($2483.5\text{MHz} < f \leq 2496.5\text{MHz}$)

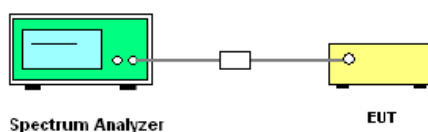
3.3.2 Measuring Instruments

See list of measuring instruments of this test report.

3.3.3 Test Procedures

1. EUT have transmitted the maximum power and fixed channelize.
2. Setting of SA is following as: RBW:1MHz / VBW:1MHz above 1GHz, Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold.
3. Setting of SA is following as: RBW:100KHz / VBW:100KHz under 1GHz, Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold.
4. Setting of SA is following as 30MHz and stop frequency 2387MHz Then to mark peak reading value + cable loss shall be less than 2.5 μW .
5. SA adjusted to start frequency 2387MHz and stop frequency 2400MHz. Then to mark peak reading value + cable loss shall be less than 25 μW .
6. SA adjusted to start frequency 2483.5MHz and stop frequency 2496.5MHz Then to mark peak reading value + cable loss shall be less than 25 μW .
7. SA adjusted to start frequency 2496.5MHz and stop frequency 12500MHz Then to mark peak reading value + cable loss shall be less than 2.5 μW .
8. If the Result_Value is over the requirement, we need to measurement as below steps.
9. Find the frequency that have maximum value.
10. Setting of SA is following as: Span: Zero / RBW:100KHz(1MHz) ,VBW:100KHz(1MHz) under(above) 1GHz/ Sweep time: Auto / Sweep Mode: Singled sweep / Detect mode: Sample.
11. Calculated the mean power value, add all value of test point and division sample point number.
Report the mean power

3.3.4 Test Setup



3.3.5 Test Deviation

There is no deviation with the original standard.

3.3.6 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

3.3.7 Test Result of Unwanted Emission Intensity

Please refer to Appendix B.

3.4 RF Output Power / Tolerance

3.4.1 Limit

Item	Limits
Antenna Power Density	$\leq 10\text{mW/MHz}$ (OFDM,DS from 2400~2483.5MHz) (For BW=20MHz)
	$\leq 5\text{mW/MHz}$ (OFDM from 2400~2483.5MHz) (For BW=40MHz)
	$\leq 10\text{mW}$ (Other from 2400~2483.5MHz) (For BW=20MHz)
Antenna Power Error	+20% (Base on manufacturer declare antenna power density)

Note: When an E.I.R.P. is less than 2.14dBi + antenna power limit, the shortage can be compensated for by the antenna power.

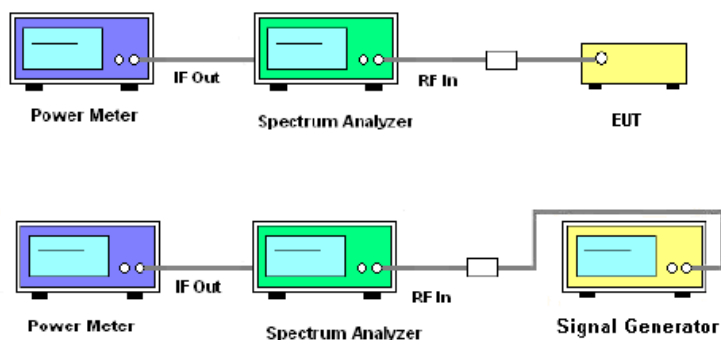
3.4.2 Measuring Instruments

See list of measuring instruments of this test report.

3.4.3 Test Procedures

1. A power meter is connected on the IF output port of the spectrum analyzer.
2. Adjust the spectrum analyzer to have the center frequency the same with the measured carrier.
RBW=VBW=1MHz, detector mode is positive peak. Turn off the averaging function and use zero span.
3. The calibrating signal power shall be reduced to 0 dBm and it shall be verified that the power meter reading also reduces by 10 dB.
4. Connect the equipment to be measured. Using the following settings of the spectrum analyzer in combination with "max hold" function, find the frequency of highest power output in the power envelope: center frequency equal to operating frequency; RBW & VBW: 1 MHz; detector mode: positive peak; averaging: off; span: 3 times the spectrum width; amplitude: adjust for middle of the instrument's range. The frequency found shall be recorded.
5. Set the center frequency of the spectrum analyzer to the found frequency and switch to zero span. The power meter indicates the measured power density "E".
6. Remove the EUT and put the replacing standard signal generator (SSG). Set the standard signal generator (SSG) at same frequency and transmit on, then set SSG output power at Pt to give the equivalent output level of "E".
7. Calculate antenna power density by the formula below $PD = Pt + 10 \cdot \log(1/x)$.
x: The duty cycle of the EUT in continuously transmitting mode
Pt: Output power of the SSG
8. Antenna Power Error is definition that actual measure antenna power tolerance + 20% power range that base on manufacturer declare the conducted power density.

3.4.4 Test Setup



3.4.5 Test Deviation

There is no deviation with the original standard.

3.4.6 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

3.4.7 Test Result of RF Output Power / Tolerance

Please refer to Appendix B.

3.5 Limitation of Collateral Emission of Receiver Measurement

3.5.1 Limit

Item	Limits
Rx Spurious Emission	$\leq 4\text{nW}$ ($f < 1\text{GHz}$)
	$\leq 20\text{nW}$ ($1\text{GHz} \leq f$)

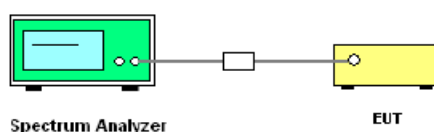
3.5.2 Measuring Instruments

See list of measuring instruments of this test report.

3.5.3 Test Procedures

1. EUT have the continuous reception mode and fixed only one channelize.
2. SA set RBW: 100KHz and VBW: 100KHz. Then adjust to start frequency 30MHz and stop frequency 1000MHz. Search to mark peak reading value + cable loss shall be less than 4nW.
3. SA set RBW: 1MHz and VBW: 1MHz. Then adjust to start frequency 1000MHz and stop frequency 12500MHz. Search to mark peak reading value + cable loss shall be less than 20nW.
4. If power level of lower emissions are more than 1/10 of limit (.0.4nW for $f < 1\text{GHz}$, 2nW for $f \geq 1\text{GHz}$), all those are to be indicated in the 2nd and 3rd lines. If others are 1/10 or less more of the limit, no necessary to be indicated.

3.5.4 Test Setup



3.5.5 Test Deviation

There is no deviation with the original standard.

3.5.6 EUT Operation during Test

The EUT was programmed to be in continuously reception mode.

3.5.7 Test Result of Limitation of Collateral Emission of Receiver

Please refer to Appendix B.

3.6 Transmission Antenna Gain (EIRP Antenna Power) Measurement

3.6.1 Limit

Item	Limits
EIRP Power Density	$\leq 12.14\text{dBm/MHz}$ (OFDM,DS from 2400~2483.5MHz)
	$\leq 12.14\text{dBm}$ (Other from 2400~2483.5MHz)
Remark: This test item will not be applied to EIRP power of EUT is lower than 12.14dBm/MHz.	

3.6.2 Measuring Instruments

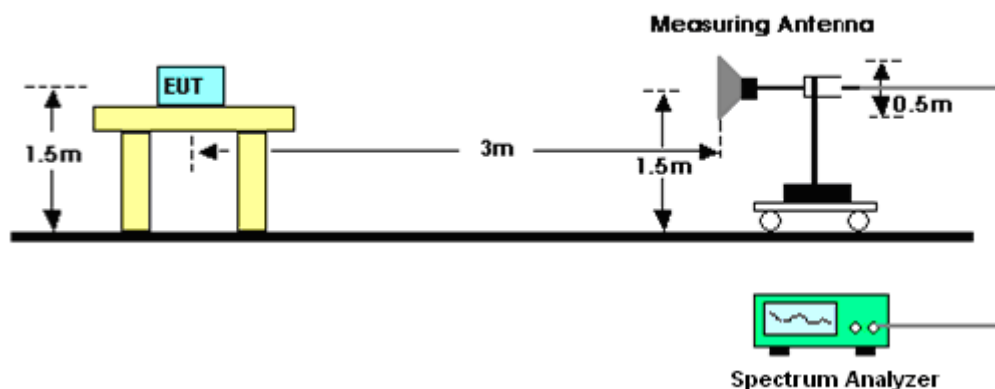
See list of measuring instruments of this test report.

3.6.3 Test Procedures

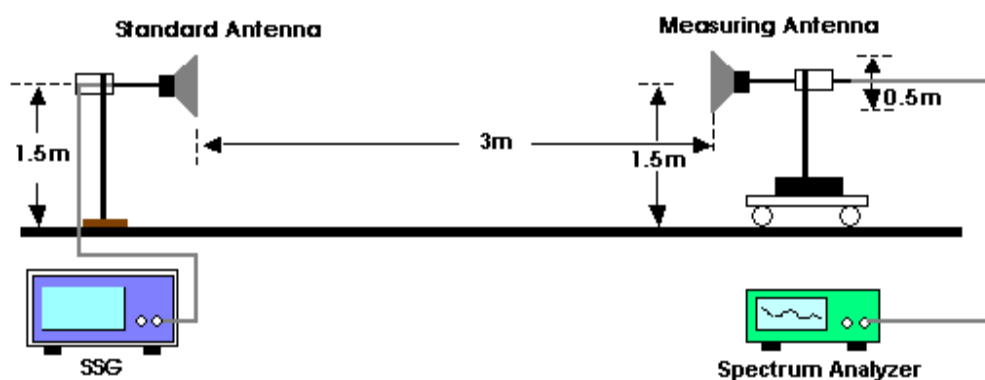
1. Set EUT and measuring antenna at the same height and roughly facing each other.
2. Move the measuring antenna height up and down within $\pm 50\text{cm}$ of EUT height and swing it to find the maximum output of the measuring antenna. The output level at the spectrum analyzer is read as "E".
3. Remove the EUT from the turn table and put the replacing antenna facing to measuring antenna at same height. Set the standard signal generator (SSG) at same frequency and transmit on then receive the signal.
4. Swing the replacing antenna give a maximum receiving level.
5. Move the measuring antenna height up and down within $\pm 50\text{cm}$ of replacing antenna height and swing it to find the maximum receiving level.
6. Set SSG output power at Pt to give the equivalent output level of "E" or calculate Pt with SSG output which gives the nearest of "E" and difference ($\pm 1\text{dB}$). Record the Pt.
7. Calculate EIRP by the formula below $\text{EIRP} = G_t - L + P_t$.
 Gt: gain of replacing antenna (dBi)
 L: feeder loss between SSG and replacing antenna
 Pt: Output power of the SSG
8. If the antenna for the EUT has circular polarization, sum of V-field and H-field will be result if measuring antenna is linear polarization.

3.6.4 Test Setup

<For EUT radiation measurement>



<For standard antenna measurement>



3.6.5 Test Deviation

There is no deviation with the original standard.

3.6.6 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

3.6.7 Test Result of Transmission Antenna Gain (EIRP Antenna Power)

Please refer to Appendix B. For the antenna gain, please refer to antenna test report.

Remark: This test item will not be applied to EIRP power of EUT is lower than 12.14dBm/MHz.

3.7 Transmission Radiation Angle Width (3dB Beamwidth) Measurement

3.7.1 Limit

Item	Limits
3dB antenna beamwidth	$360/A$ (If $A < 1$; then $A = 1$) $A = \{\text{EIRP Power [dBm/MHz]} - 12.14 \text{ [dBm/MHz] for DS, OFDM}\}$ or $\{\text{E.I.R.P Power [dBm/MHz]} - 6.91 \text{ [dBm/MHz] for FH}\}$
Remark: This test item will not be applied to EIRP power of EUT is lower than 12.14dBm/MHz.	

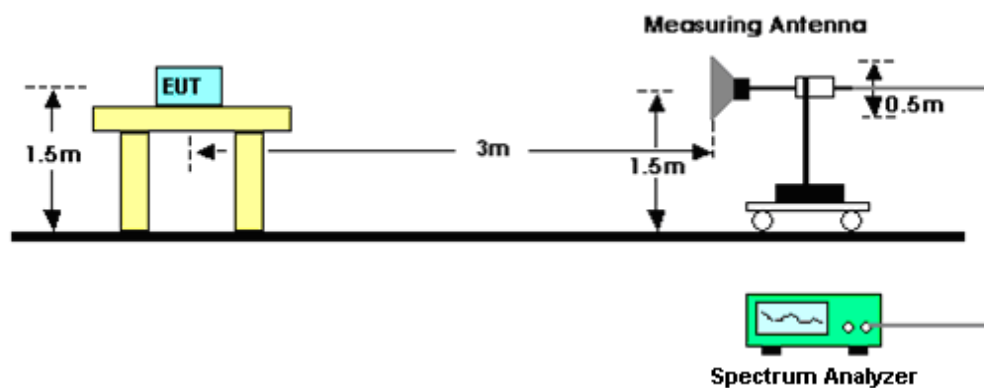
3.7.2 Measuring Instruments

See list of measuring instruments of this test report.

3.7.3 Test Procedures

1. Set EUT and measuring antenna at the same height and roughly facing each other.
2. Set spectrum analyzer with condition in section 3.7.2 and tune reference level to observe receiving signal position.
3. Rotate directions of the EUT horizontally and vertically to find the maximum receiving power.
4. Move the measuring antenna height up and down within $\pm 50\text{cm}$ of EUT height and swing it to find the maximum output of measuring antenna. The output level at the spectrum analyzer is read as "E".
5. Calculate permitted radiation angle in horizontal and vertical using EIRP measured in another test method.
6. Calculate 3dB antenna beam width by the formula below $360/A$ (If $A < 1$; then $A = 1$).
 $A = \{\text{EIRP Power [dBm/MHz]} - 12.14 \text{ [dBm/MHz] for DS, OFDM}\}$ or
 $A = \{\text{E.I.R.P Power [dBm/MHz]} - 6.91 \text{ [dBm/MHz] for FH}\}$

3.7.4 Test Setup



3.7.5 Test Deviation

There is no deviation with the original standard.

3.7.6 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

3.7.7 Test Result of Transmission Radiation Angle Width (3dB Beamwidth)

Please refer to Appendix B.

For the antenna gain, please refer to antenna test report.

Remark: This test item will not be applied to EIRP power of EUT is lower than 12.14dBm/MHz.

3.8 Radio Interference Prevention Capability Measurement

3.8.1 Limit

Item	Limits
Identification code	≥ 48 bits

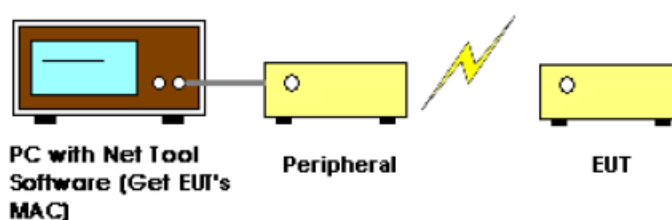
3.8.2 Measuring Instruments

See list of measuring instruments of this test report.

3.8.3 Test Procedures

1. In the case that the EUT has the function of automatically transmitting the identification code: a. Transmit the predetermined identification codes form EUT. b. Check the transmitted identification codes with the demodulator.
2. In the case of receiving the identification code: a. Transmit the predetermined identification codes form the counterpart. b . Check if communication is normal. c. Transmit the signals other than predetermined ID codes form the counterpart. d. check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.

3.8.4 Test Setup



3.8.5 Test Deviation

There is no deviation with the original standard.

3.8.6 EUT Operation during Test

The EUT was programmed to be in normal transmitting mode.

3.8.7 Test Result of Radio Interference Prevention Capability

Please refer to Appendix B.

3.9 Carrier Sense

3.9.1 Limit

The radio equipment connected to telecommunication circuit equipment shall be equipped with a device which detects emissions radiated from another radio station and prevents interference, or a device which prevents interference by operation on a receive signal and a signal for diffusion for signal level detection.

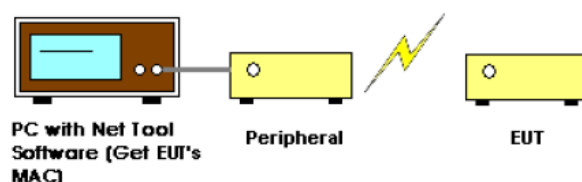
3.9.2 Measuring Instruments

See list of measuring instruments of this test report.

3.9.3 Test Procedures

1. Set the EUT link with a peripheral, access point 40M bandwidth or Only transmitters that compensate for the decrease in absolute gain with antenna power and are equipped with carrier sense.
2. Set a signal generator (simulate a radio device which co-exists with EUT) at same frequency channel with a proper signal level (exceeding 100mV/m) output to act as interference signal.
3. Monitor the signal transmission between the EUT and peripheral, while the interference signal presents. The EUT would stop transmitting once it detects interference signal over the air, then record it pass, otherwise, the result is fail.

3.9.4 Test Setup



3.9.5 Test Deviation

There is no deviation with the original standard.

3.9.6 EUT Operation during Test

The EUT was programmed to be in normal transmitting mode.

3.9.7 Test Result of Carrier Sense

Please refer to Appendix B.

3.10 Transmission frequency switching function

3.10.1 Limit

1. Set the test equipment to transmit mode and use a spectrum analyzer to confirm that radio waves at the frequency to be switched are being transmitted.
2. Set the test equipment to transmit operation and use a spectrum analyzer to confirm that the transmission time of the frequency to be switched is within 4 seconds.
(Only transmitters that use Gaussian frequency shift keying and compensate for the drop in equivalent isotropic radiated power with antenna power.)

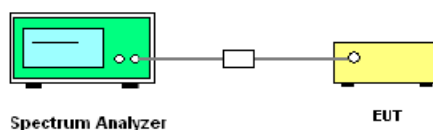
3.10.2 Measuring Instruments

See list of measuring instruments of this test report.

3.10.3 Test Procedures

1. Set the test equipment to transmit operation.
2. SA set RBW: 100KHz and VBW: 100KHz. Bandwidth from the lower limit frequency to the upper limit frequency that the test equipment can switch to.
3. SA set RBW: 100KHz and VBW: 100KHz. Any frequency between the lower limit frequency and the upper limit frequency that the test equipment can switch to.
4. Monitor the EUT, while confirm that the transmission time of the frequency to be switched is within 4 seconds, then record it Good, otherwise, the result is fail.

3.10.4 Test Setup



3.10.5 Test Result

Not Applicable.

3.11 Construction Protection Confirmation Method

3.11.1 Limit

The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.

3.11.2 Confirmation Method

☐	Sealed with special screws.
☐	Plastic chassis is being welded using ultrasonic waves.
☐	Chassis is glued using a special adhesive.
☐	Metal covers are spot-fused.
☐	Cover is specially interlocked.
☒	RF and Modulation components are covered with shielding case and this shielding case is soldered.
☐	Shield case is welded at RF and modulation parts, and ID-ROM is welded using the BGA Method.
☐	Shield case is welded at RF and modulation parts, and ID-ROM is glued at its lead with a special adhesive.
☐	Shield case is welded at RF and modulation parts, and ID-ROM is glued with a non-transparent laminating agent.
☐	Other :

3.11.3 The Photos of Construction Protection



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Periods of Test	Due Date	Calibration Body	Calibration Method
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Mar. 19, 2026~ Mar. 23, 2026	Apr. 01, 2026	LISAI	C
Pulse Power Sensor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 24, 2025	Mar. 19, 2026~ Mar. 23, 2026	Dec. 23, 2026	LISAI	C
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Oct. 13, 2025	Mar. 19, 2026~ Mar. 23, 2026	Oct. 12, 2026	LISAI	C
DC Power Supply	TTI	PL330P	290070	Max 32V , 3A	Oct. 13, 2025	Mar. 19, 2026~ Mar. 23, 2026	Oct. 12, 2026	LISAI	C
Multi-meter	ALLOSUN	EM666	4743078	0~500V	Dec. 24, 2025	Mar. 19, 2026~ Mar. 23, 2026	Dec. 23, 2026	LISAI	C
Vector Signal Generator	R&S	SMBV100A	258306	9KHz~6GHz	Dec. 24, 2025	Mar. 19, 2026~ Mar. 23, 2026	Dec. 23, 2026	LISAI	C

Note: Above test equipment was used and kept valid calibration period during test.

Calibration Method :

a) : Calibration conducted by the National Institute of Information and Communications Technology～
NICT～ or a designated calibration agency under Article 102-18 paragraph

(1) TELEC Engineering Center, Intertek Japan K.K., Keysight Technologies, Inc～.

b) : Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)～Japan Calibration Service System～

c) : Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph

(1)～ TELEC Engineering Center, Intertek Japan K.K., Keysight Technologies, Inc～.

Appendix A. Setup Photographs

Front View



Near View





Appendix B. Test Results

Please refer to the following pages for test results.

1. TEST RESULTS DATA
WLAN 2.4G Band - 802.11b (Normal Voltage)

Environment of Test Room	Temperature	23~25 °C
	Humidity	50~55 %
Tool & Version	BTWIFI_Final_version_230322	
Test Engineer	Wen Shiwei	

Modulatoin Type :	DS
Type Emissions :	12M1G1D
Antenna System	SISO

Peak Antenna Gain	2.30	-----	-----	-----	dBi
Declaration Output Power	4.00	-----	-----	-----	mW/MHz
Declaration Output Power	6.021	-----	-----	-----	dBm/MHz
E.I.R.P	8.321	-----	-----	-----	dBm/MHz
Input Power Voltage	5.00				VDC

Tested Cable Insertion Loss(dB)		12.1	----	----	----
Burst	ON TIME(msec)	12.350	----	----	----
	OFF TIME(msec)	12.050	----	----	----
	Ratio(%)	50.61	----	----	----
Packet Type (Mode)		1Mbps			

Antenna	No.	Type	Gain
	1	FPC	2.30
	2	-----	-----
	3	-----	-----
	4	-----	-----

Test Category : 2.4GHz Band Wideband Low-Power Data Communication System

Comprehensive operation test

Use the DC Power Supply to adjust voltage.

1.1. TEST Results (Normal Voltage)

Measurement Frequency	MHz	2412	2442	2472	Regulation	Result
Channel Number	Ch.	1	7	13	-----	-----
RF Output Power (TX 1)	mW/MHz	3.908	3.690	3.251	-----	-----
RF Output Power Tolerance(TX1)	%	-2.290	-7.756	-18.728	20%	PASS
Real Total Output Power (TX1)	dBm	17.20	17.00	16.30	-----	-----
Interference Prevention Function	-----	good			-----	PASS

2. TEST RESULTS DATA
WLAN 2.4G Band - 802.11g (Normal Voltage)

Environment of Test Room	Temperature	23~25 °C
	Humidity	50~55 %
Tool & Version	BTWIFI_Final_version_230322	
Test Engineer	Wen Shiwei	

Modulatoion Type :	OFDM
Type Emissions :	17M1G1D/D1D
Antenna System	SISO

Peak Antenna Gain	2.30	-----	-----	-----	dBi
Declaration Output Power	1.700	-----	-----	-----	mW/MHz
Declaration Output Power	2.304	-----	-----	-----	dBm/MHz
E.I.R.P	4.604	-----	-----	-----	dBm/MHz
Input Power Voltage	5.00				VDC

Tested Cable Insertion Loss(dB)		12.1	----	----	----
Burst	ON TIME(msec)	5.350	----	----	----
	OFF TIME(msec)	3.950	----	----	----
	Ratio(%)	57.53	----	----	----
Packet Type (Mode)		6Mbps			

Antenna	No.	Type	Gain
	1	FPC	2.30
	2	-----	-----
	3	-----	-----
	4	-----	-----

Test Category : 2.4GHz Band Wideband Low-Power Data Communication System

Comprehensive operation test

Use the DC Power Supply to adjust voltage.

2.1. TEST Results (Normal Voltage)

Measurement Frequency	MHz	2412	2442	2472	Regulation	Result
Channel Number	Ch.	1	7	13	-----	-----
RF Output Power (TX 1)	mW/MHz	1.694	1.531	1.294	-----	-----
RF Output Power Tolerance(TX1)	%	-0.333	-9.936	-23.871	20%	PASS
Real Total Output Power (TX1)	dBm	14.90	14.80	14.10	-----	-----
Interference Prevention Function	-----	good			-----	PASS

3. TEST RESULTS DATA

WLAN 2.4G Band - 802.11n-HT20 (Normal Voltage)

Environment of Test Room	Temperature	23~25 °C
	Humidity	50~55 %
Tool & Version	BTWIFI_Final_version_230322	
Test Engineer	Wen Shiwei	

Modulatoion Type :	OFDM
Type Emissions :	18M1G1D/D1D
Antenna System	SISO

Peak Antenna Gain	2.30	-----	-----	-----	dBi
Declaration Output Power	1.700	-----	-----	-----	mW/MHz
Declaration Output Power	2.304	-----	-----	-----	dBm/MHz
E.I.R.P	4.604	-----	-----	-----	dBm/MHz
Input Power Voltage	5.00				VDC

Tested Cable Insertion Loss(dB)	12.1	----	----	----
Burst	ON TIME(msec)	5.300	----	----
	OFF TIME(msec)	4.050	----	----
	Ratio(%)	56.68	----	----
Packet Type (Mode)	MCS0			

Antenna	No.	Type	Gain
	1	FPC	2.30
	2	-----	-----
	3	-----	-----
	4	-----	-----

Test Category : 2.4GHz Band Wideband Low-Power Data Communication System

Comprehensive operation test

Use the DC Power Supply to adjust voltage.

3.1. TEST Results (Normal Voltage)

Measurement Frequency	MHz	2412	2442	2472	Regulation	Result
Channel Number	Ch.	1	7	13	-----	-----
RF Output Power (TX 1)	mW/MHz	1.722	1.514	1.222	-----	-----
RF Output Power Tolerance(TX1)	%	1.286	-10.967	-28.129	20%	PASS
Real Total Output Power (TX1)	dBm	15.00	14.90	14.20	-----	-----
Interference Prevention Function	-----	good			-----	PASS

4. TEST RESULTS DATA
WLAN 2.4G Band - 802.11n-HT40 (Normal Voltage)

Environment of Test Room	Temperature	23~25 °C
	Humidity	50~55 %
Tool & Version	BTWIFI_Final_version_230322	
Test Engineer	Wen Shiwei	

Modulatoion Type :	OFDM
Type Emissions :	36M4G1D/D1D
Antenna System	SISO

Peak Antenna Gain	2.30	-----	-----	-----	dBi
Declaration Output Power	0.830	-----	-----	-----	mW/MHz
Declaration Output Power	-0.809	-----	-----	-----	dBm/MHz
E.I.R.P	1.491	-----	-----	-----	dBm/MHz
Input Power Voltage	5.00				VDC

Tested Cable Insertion Loss(dB)		12.1	----	----	----
Burst	ON TIME(msec)	2.900	----	----	----
	OFF TIME(msec)	2.450	----	----	----
	Ratio(%)	54.21	----	----	----
Packet Type (Mode)		MCS0			

Antenna	No.	Type	Gain
	1	FPC	2.30
	2	-----	-----
	3	-----	-----
	4	-----	-----

Test Category : 2.4GHz Band Wideband Low-Power Data Communication System

Comprehensive operation test

Use the DC Power Supply to adjust voltage.

4.1. TEST Results (Normal Voltage)

Measurement Frequency	MHz	2422	2442	2462	Regulation	Result
Channel Number	Ch.	3	7	11	-----	-----
RF Output Power (TX 1)	mW/MHz	0.828	0.830	0.713	-----	-----
RF Output Power Tolerance(TX1)	%	-0.248	-0.018	-14.114	20%	PASS
Real Total Output Power (TX1)	dBm	14.50	14.80	14.50	-----	-----
Carrier Sensing Function	-----	-61.22	-61.19	-60.33	-42.74	PASS
Carrier Sensing Function	-----	good	good	good	-----	PASS
Interference Prevention Function	-----	good			-----	PASS

5. TEST RESULTS DATA
WLAN 2.4G Band - 802.11ax-HE20 (Normal Voltage)

Environment of Test Room	Temperature	23~25 °C
	Humidity	50~55 %
Tool & Version	BTWIFI_Final_version_230322	
Test Engineer	Wen Shiwei	

Modulatoion Type :	OFDM
Type Emissions :	19M3G1D/D1D
Antenna System	SISO

Peak Antenna Gain	2.30	-----	-----	-----	dBi
Declaration Output Power	1.400	-----	-----	-----	mW/MHz
Declaration Output Power	1.461	-----	-----	-----	dBm/MHz
E.I.R.P	3.761	-----	-----	-----	dBm/MHz
Input Power Voltage	5.00				VDC

Tested Cable Insertion Loss(dB)		12.1	----	----	----
Burst	ON TIME(msec)	4.550	----	----	----
	OFF TIME(msec)	5.800	----	----	----
	Ratio(%)	43.96	----	----	----
Packet Type (Mode)		MCS0			

Antenna	No.	Type	Gain
	1	FPC	2.30
	2	-----	-----
	3	-----	-----
	4	-----	-----

Test Category : 2.4GHz Band Wideband Low-Power Data Communication System

Comprehensive operation test

Use the DC Power Supply to adjust voltage.

5.1. TEST Results (Normal Voltage)

Measurement Frequency	MHz	2412	2442	2472	Regulation	Result
Channel Number	Ch.	1	7	13	-----	-----
RF Output Power (TX 1)	mW/MHz	1.340	1.233	1.125	-----	-----
RF Output Power Tolerance(TX1)	%	-4.309	-11.921	-19.671	20%	PASS
Real Total Output Power (TX1)	dBm	15.10	15.00	14.20	-----	-----
Interference Prevention Function	-----	good			-----	PASS

6. TEST RESULTS DATA
WLAN 2.4G Band - 802.11ax-HE40 (Normal Voltage)

Environment of Test Room	Temperature	23~25 °C
	Humidity	50~55 %
Tool & Version	BTWIFI_Final_version_230322	
Test Engineer	Wen Shiwei	

Modulatoion Type :	OFDM
Type Emissions :	37M9G1D/D1D
Antenna System	SISO

Peak Antenna Gain	2.30	-----	-----	-----	dBi
Declaration Output Power	0.740	-----	-----	-----	mW/MHz
Declaration Output Power	-1.308	-----	-----	-----	dBm/MHz
E.I.R.P	0.992	-----	-----	-----	dBm/MHz
Input Power Voltage	5.00				VDC

Tested Cable Insertion Loss(dB)		12.1	----	----	----
Burst	ON TIME(msec)	4.550	----	----	----
	OFF TIME(msec)	5.800	----	----	----
	Ratio(%)	43.96	----	----	----
Packet Type (Mode)		MCS0			

Antenna	No.	Type	Gain
	1	FPC	2.30
	2	-----	-----
	3	-----	-----
	4	-----	-----

Test Category : 2.4GHz Band Wideband Low-Power Data Communication System

Comprehensive operation test

Use the DC Power Supply to adjust voltage.

6.1. TEST Results (Normal Voltage)

Measurement Frequency	MHz	2422	2442	2462	Regulation	Result
Channel Number	Ch.	3	7	11	-----	-----
RF Output Power (TX 1)	mW/MHz	0.693	0.585	0.738	-----	-----
RF Output Power Tolerance(TX1)	%	-6.294	-20.974	-0.283	20%	PASS
Real Total Output Power (TX1)	dBm	14.50	14.80	14.50	-----	-----
Carrier Sensing Function	-----	-61.22	-61.19	-60.33	-42.74	PASS
Carrier Sensing Function	-----	good	good	good	-----	PASS
Interference Prevention Function	-----	good			-----	PASS



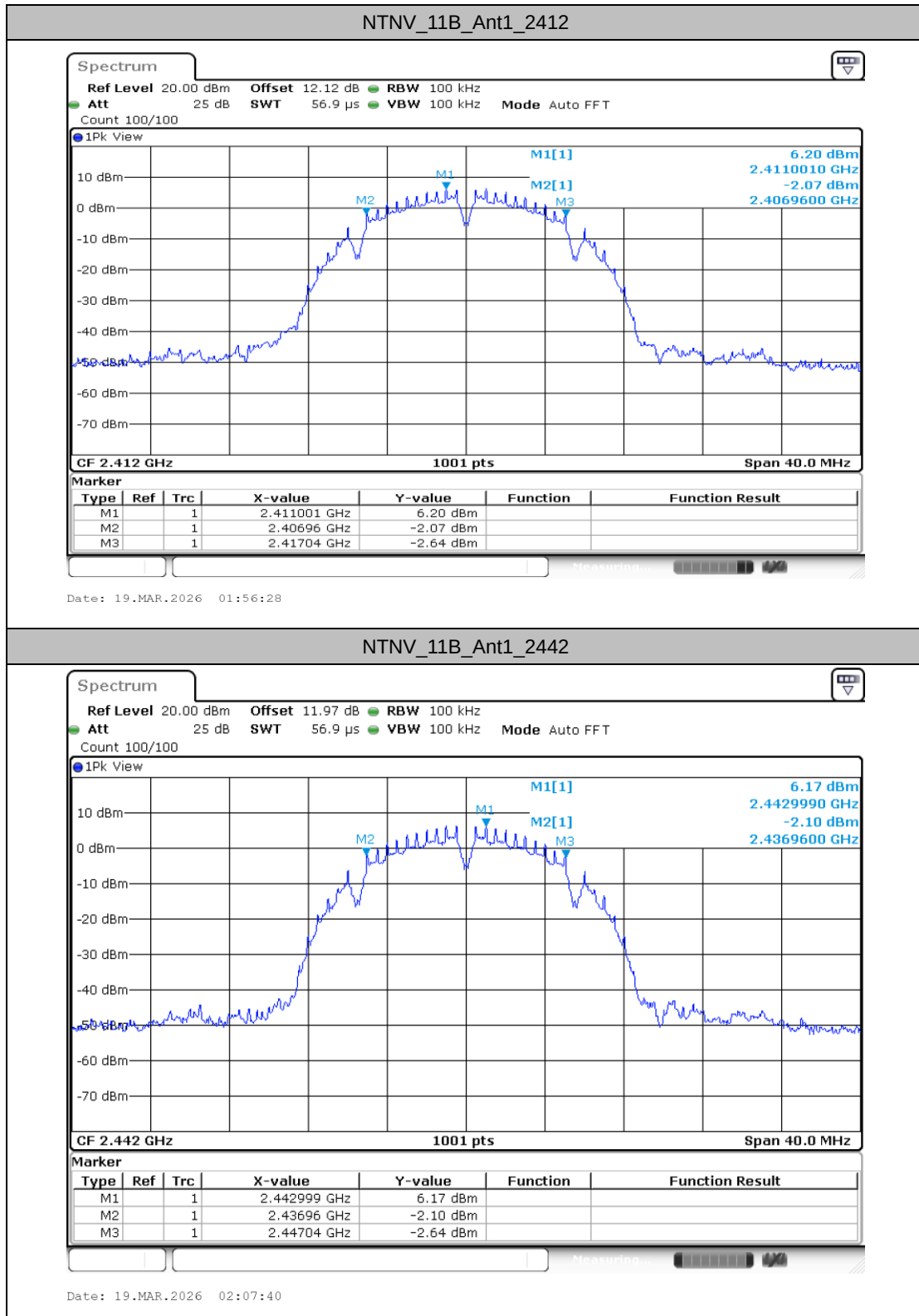
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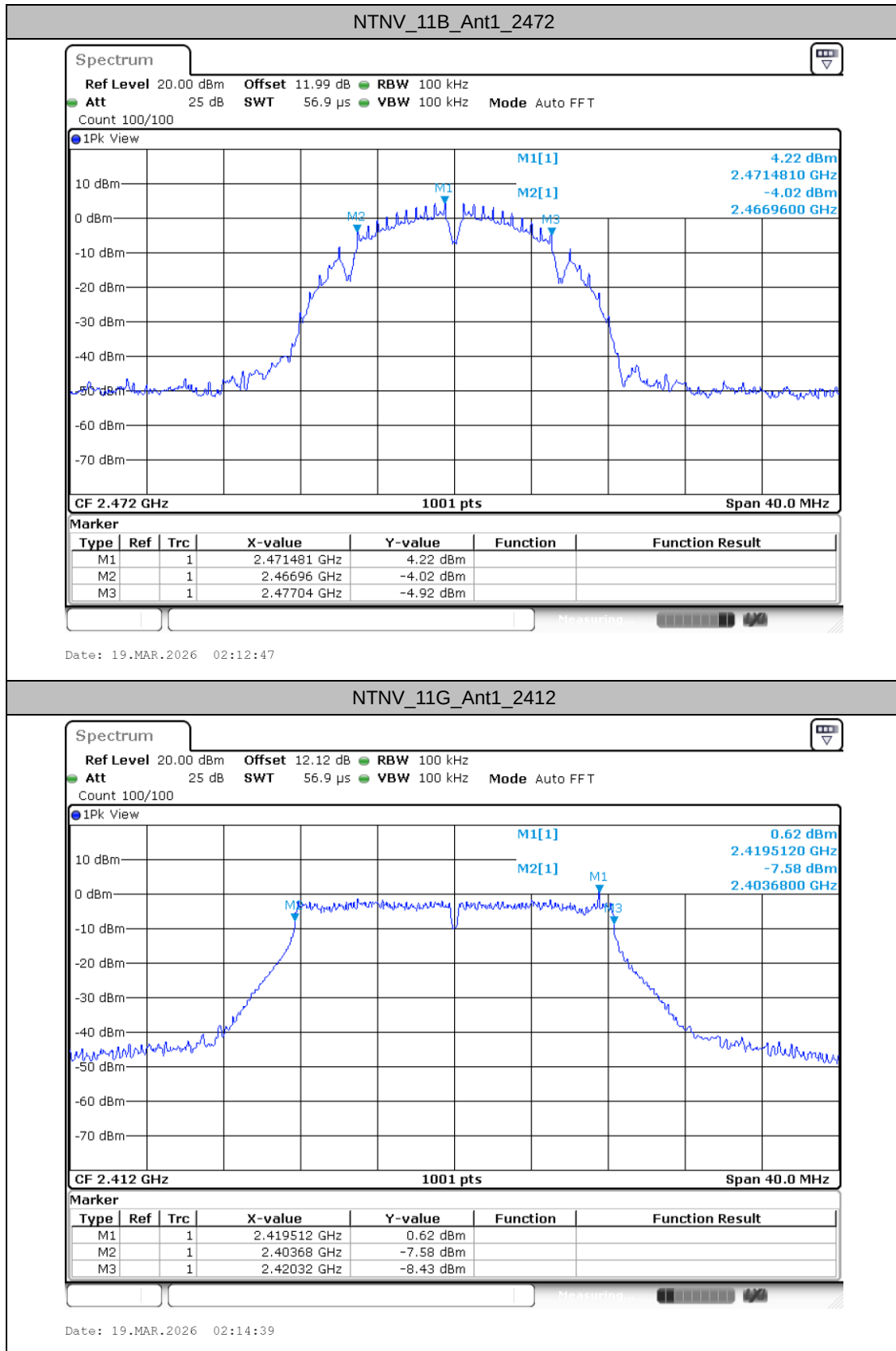
Test Result

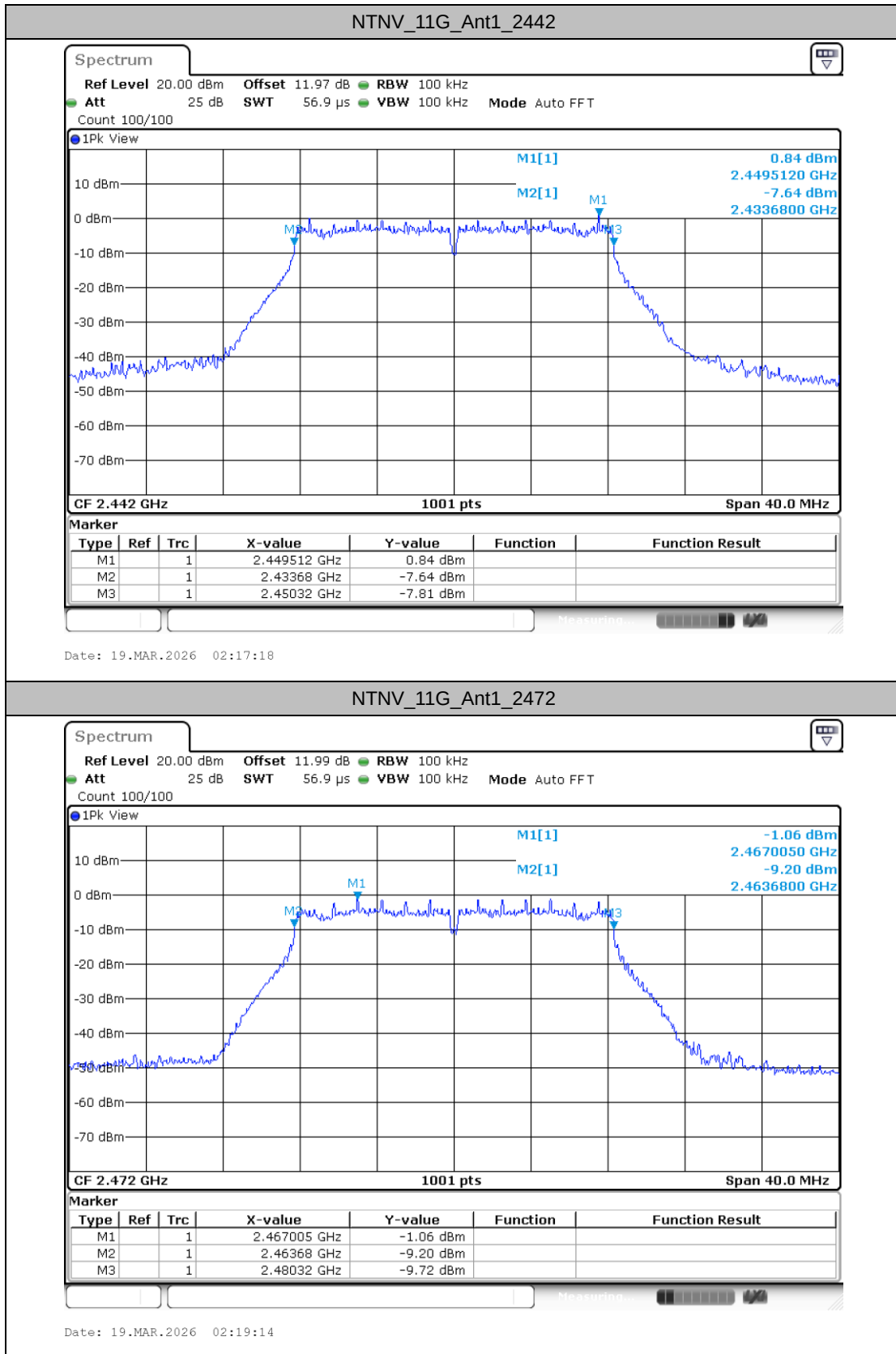
TestCondition	TestMode	Antenna	Freq(MHz)	CenterFreq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	11B	Ant1	2412	2412	0.00000	±50	PASS
			2442	2442	0.00000	±50	PASS
			2472	2472	0.00000	±50	PASS
	11G	Ant1	2412	2412	0.00000	±50	PASS
			2442	2442	0.00000	±50	PASS
			2472	2472	0.00000	±50	PASS
	11N20	Ant1	2412	2411.98	-8.29187	±50	PASS
			2442	2442	0.00000	±50	PASS
			2472	2472	0.00000	±50	PASS
	11N40	Ant1	2422	2422	0.00000	±50	PASS
			2442	2442	0.00000	±50	PASS
			2462	2462	0.00000	±50	PASS
	11AX20	Ant1	2412	2412	0.00000	±50	PASS
			2442	2441.98	-8.19001	±50	PASS
			2472	2472	0.00000	±50	PASS
	11AX40	Ant1	2422	2422.04	16.51528	±50	PASS
			2442	2442	0.00000	±50	PASS
			2462	2462	0.00000	±50	PASS

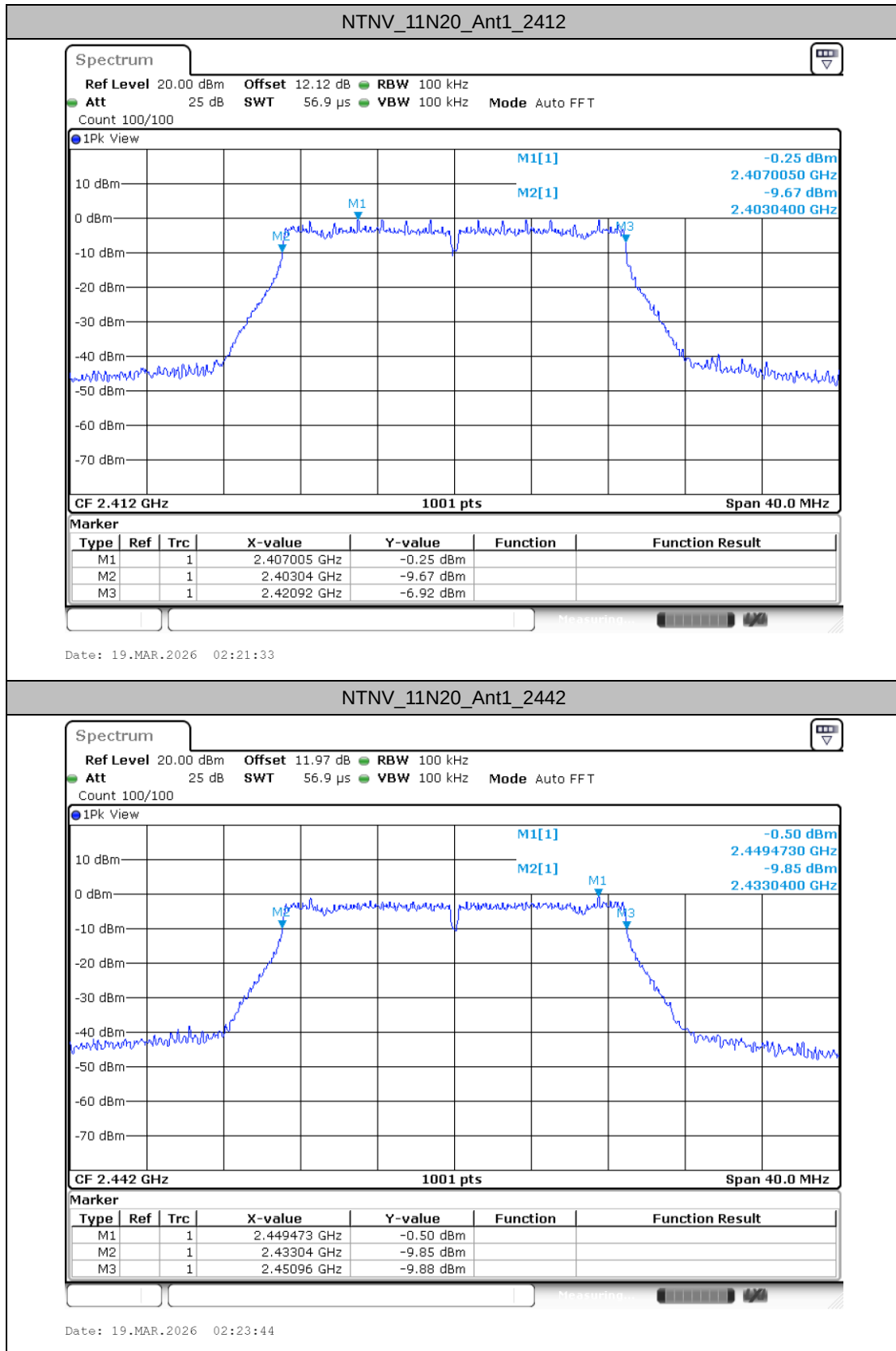


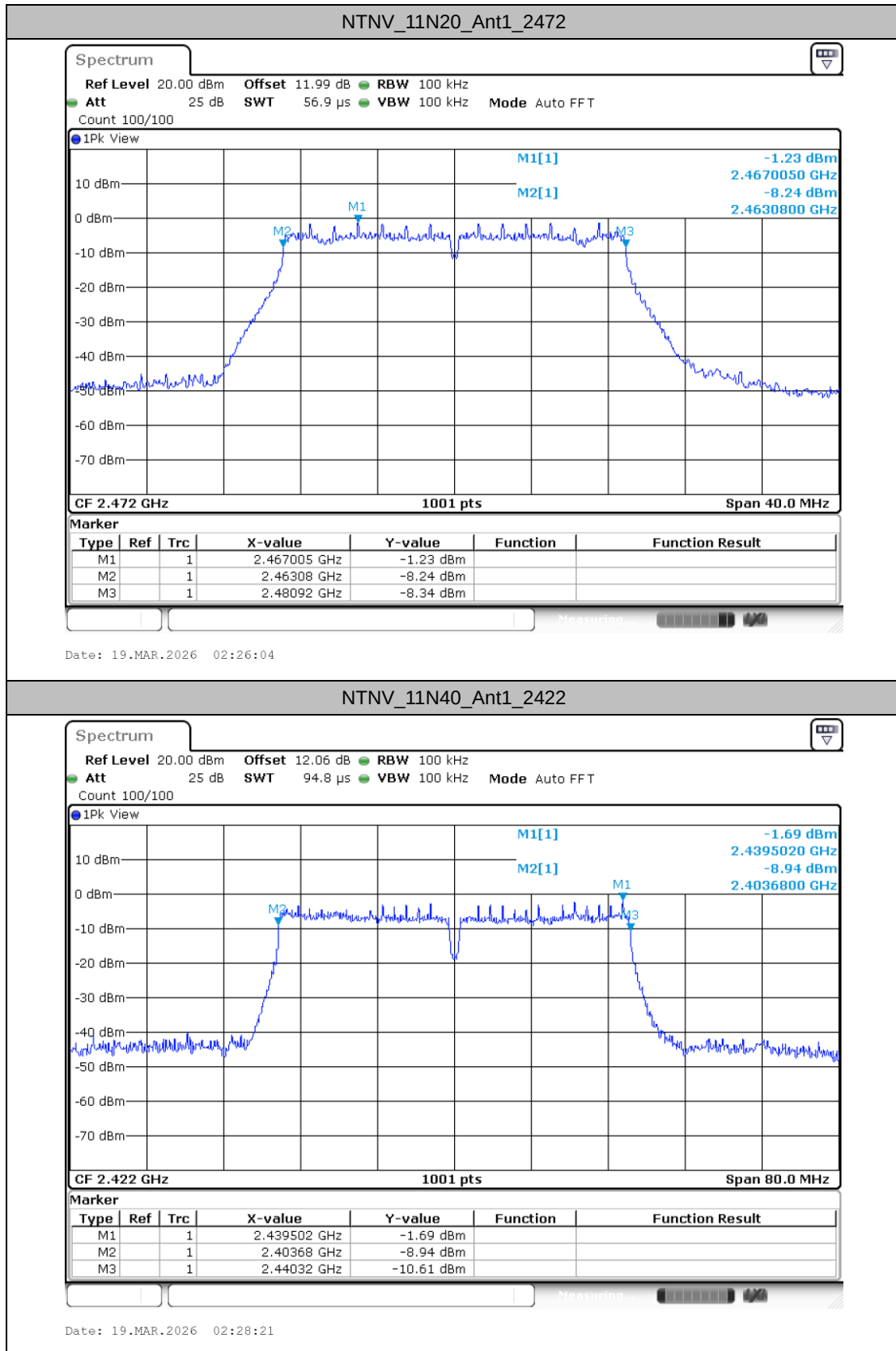
Test Graphs

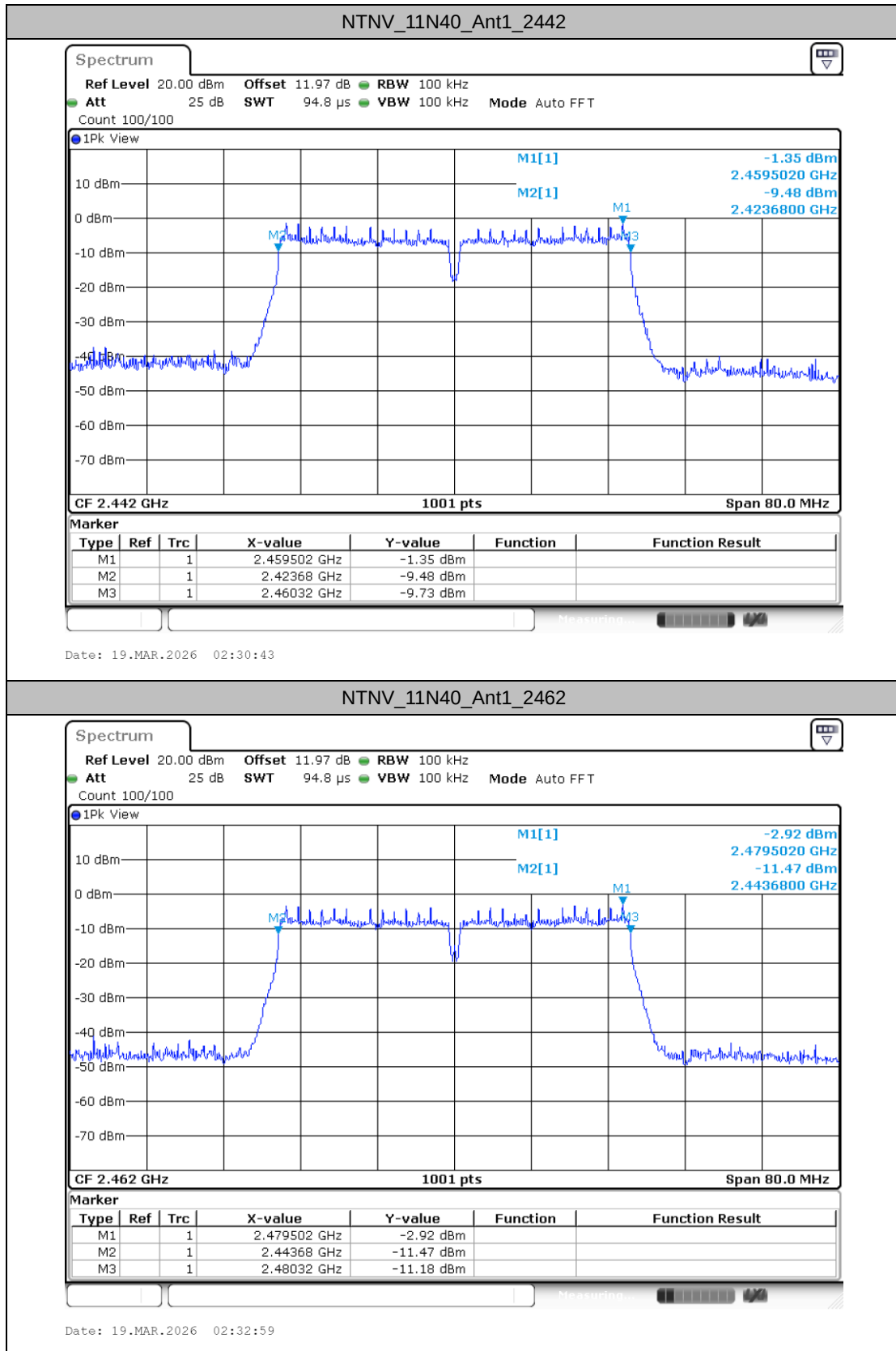


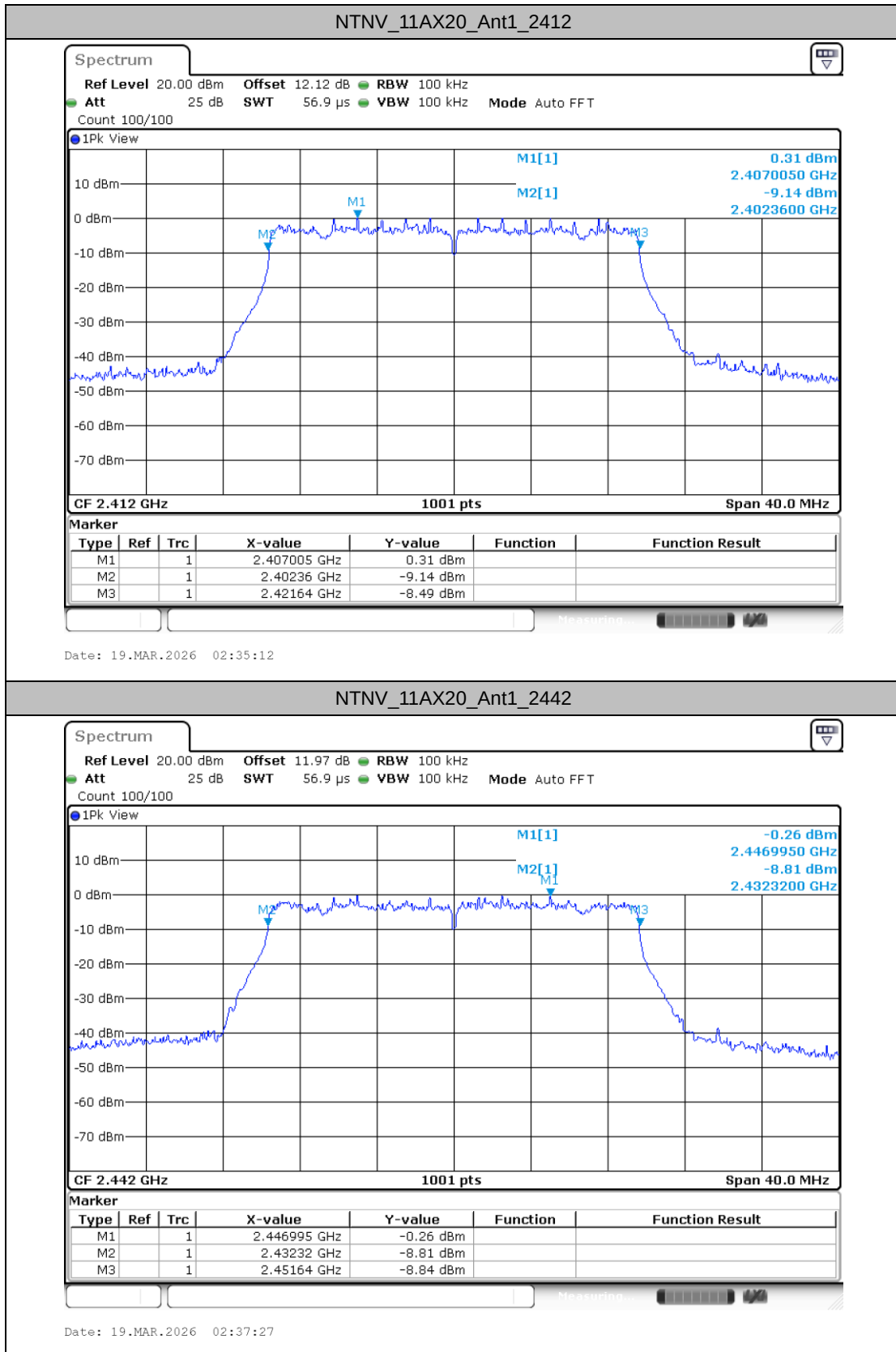


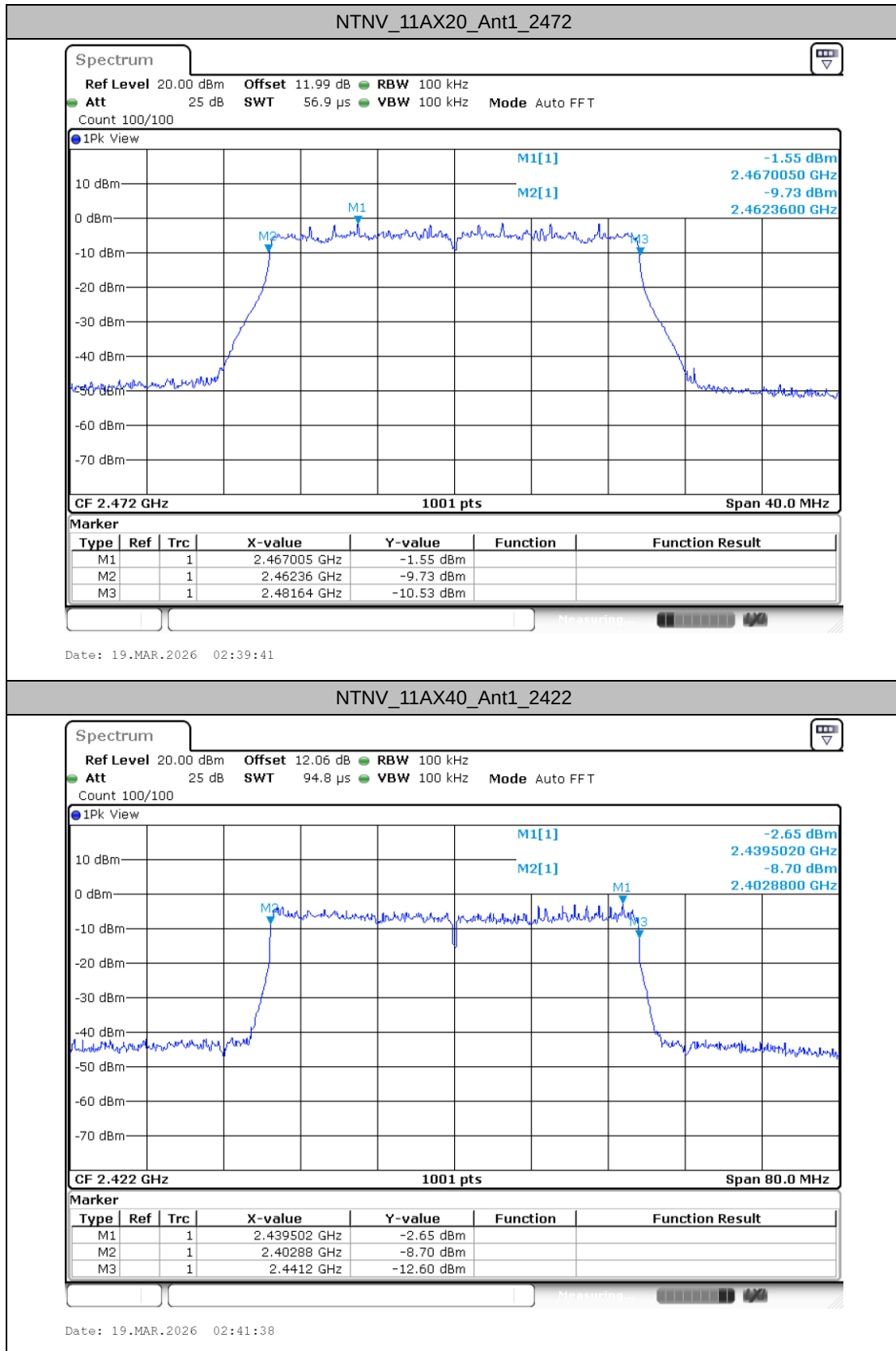


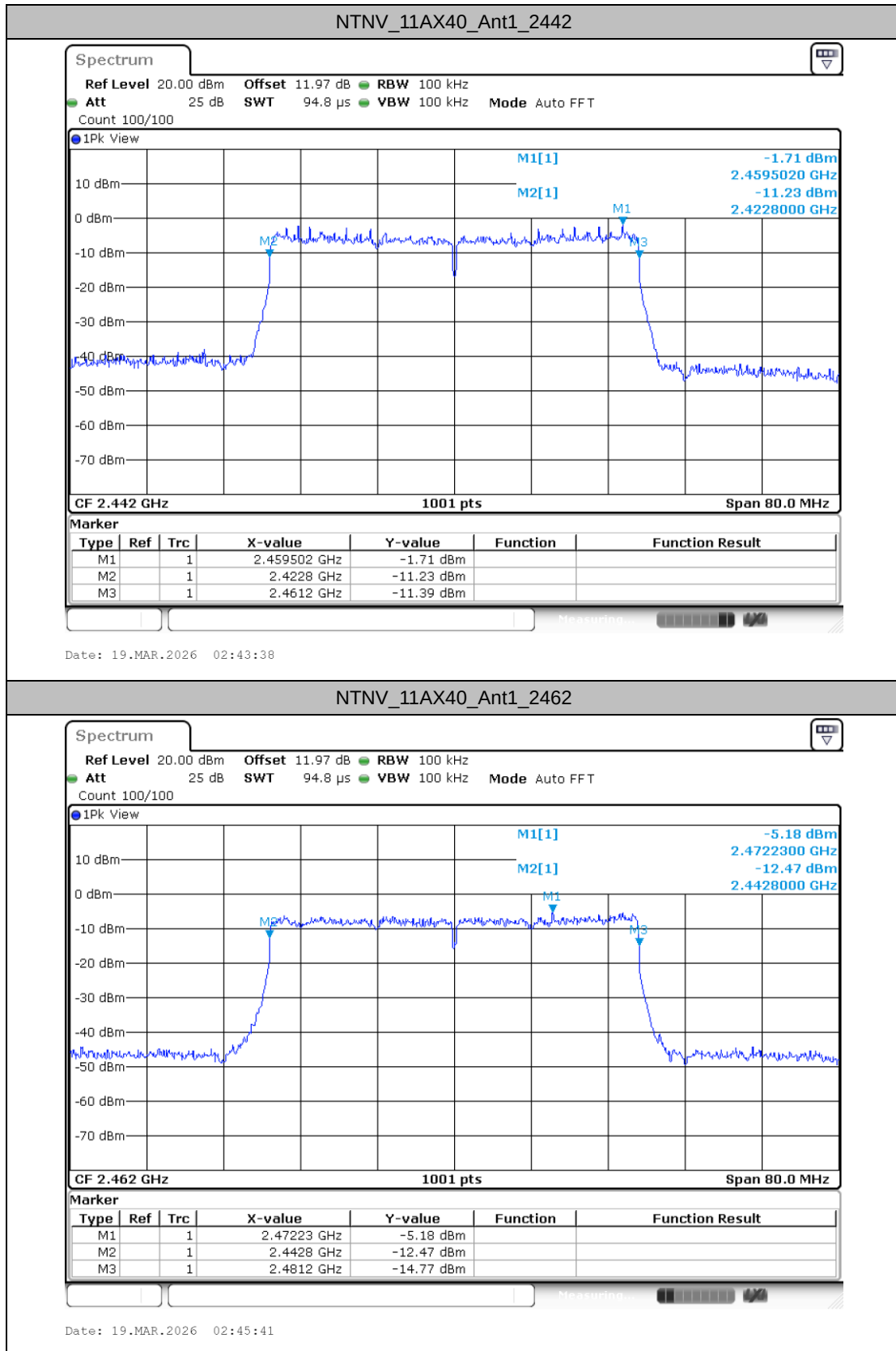














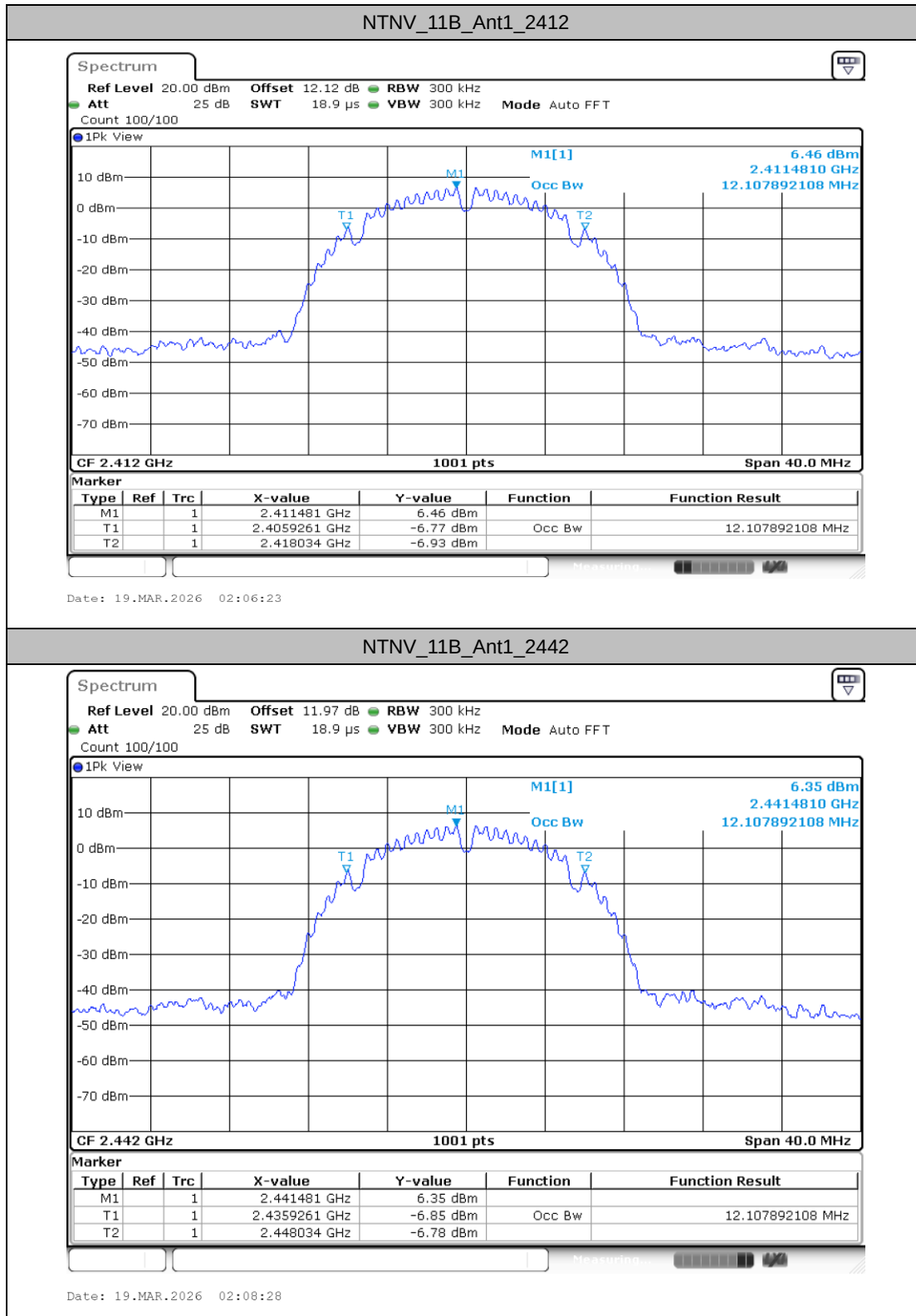
Occupied Bandwidth

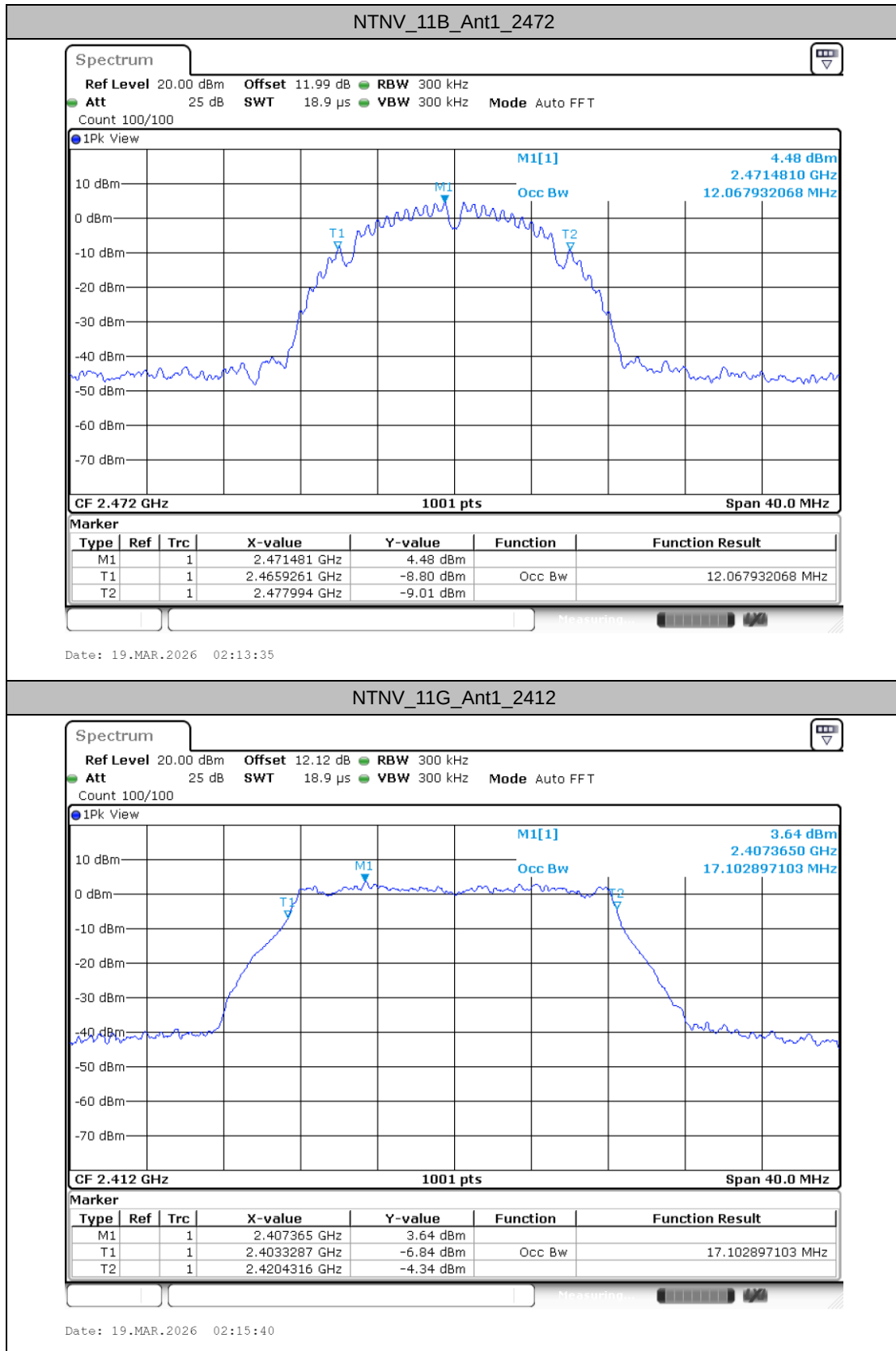
Test Result

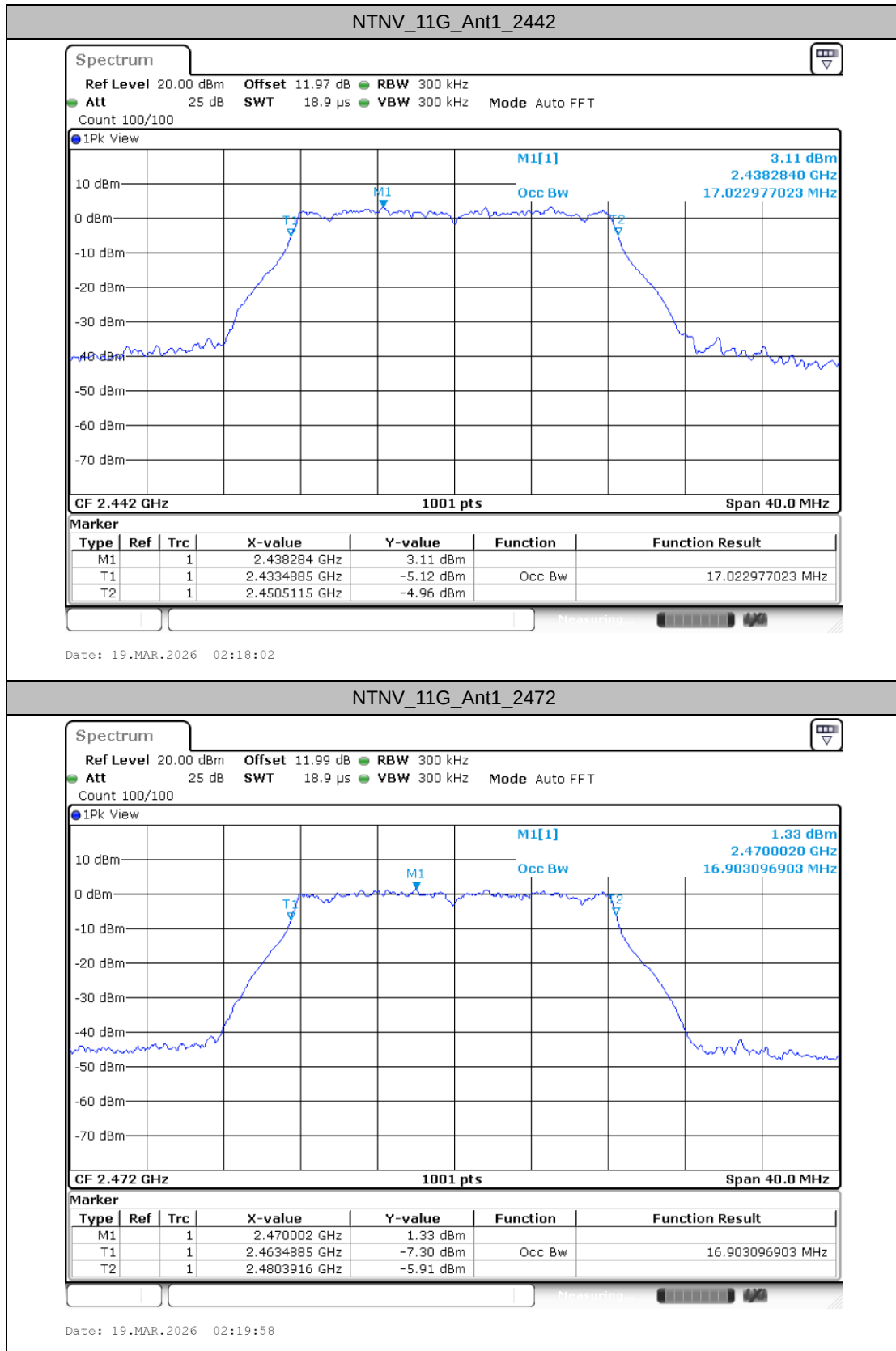
TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	11B	Ant1	2412	12.108	≤26	PASS
			2442	12.108	≤26	PASS
			2472	12.068	≤26	PASS
	11G	Ant1	2412	17.103	≤26	PASS
			2442	17.023	≤26	PASS
			2472	16.903	≤26	PASS
	11N20	Ant1	2412	18.142	≤26	PASS
			2442	18.022	≤26	PASS
			2472	18.062	≤26	PASS
	11N40	Ant1	2422	36.364	26-40	PASS
			2442	36.444	26-40	PASS
			2462	36.284	26-40	PASS
	11AX20	Ant1	2412	19.141	≤26	PASS
			2442	19.141	≤26	PASS
			2472	19.301	≤26	PASS
	11AX40	Ant1	2422	37.882	26-40	PASS
			2442	37.882	26-40	PASS
			2462	37.802	26-40	PASS



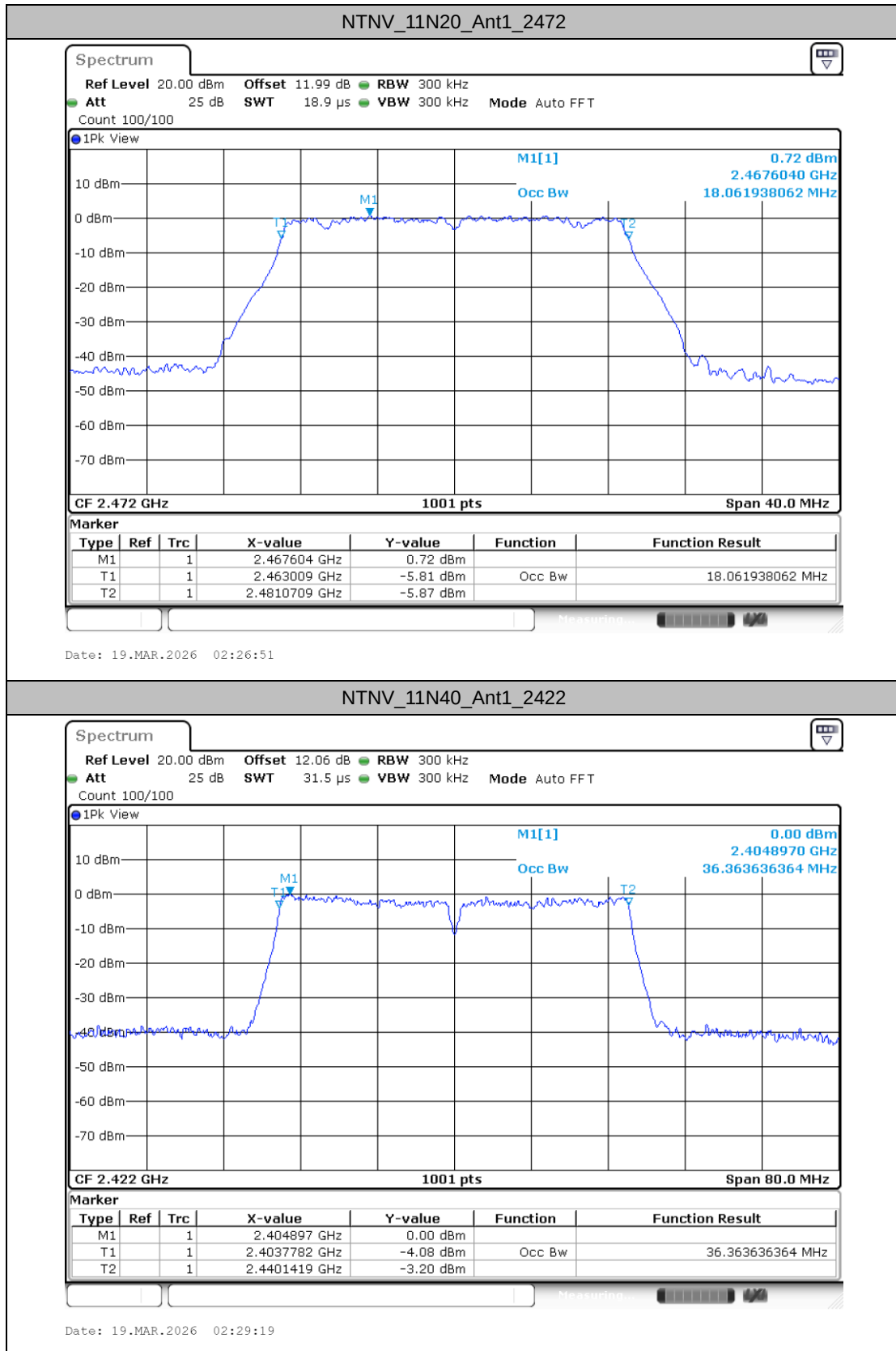
Test Graphs

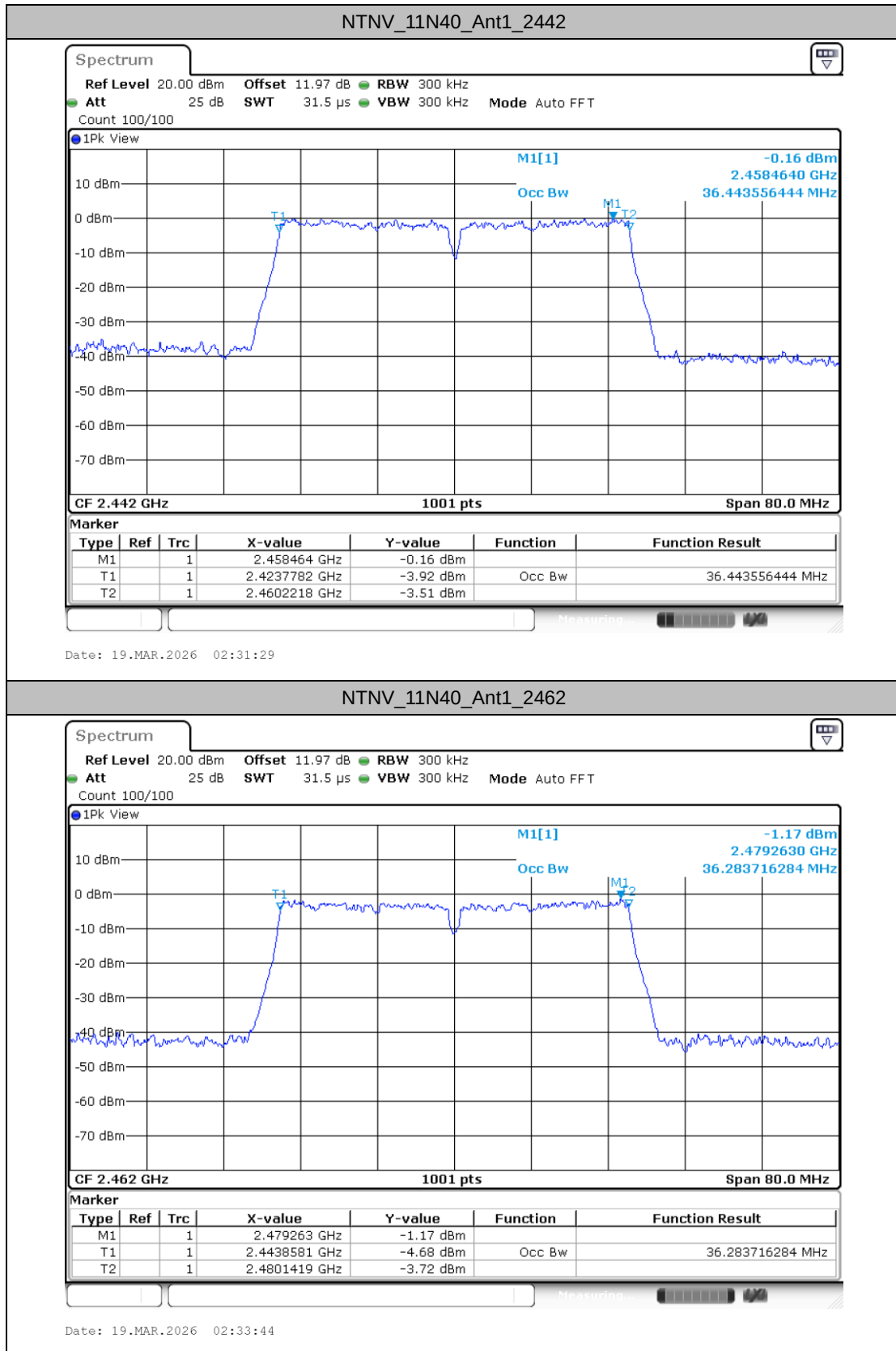


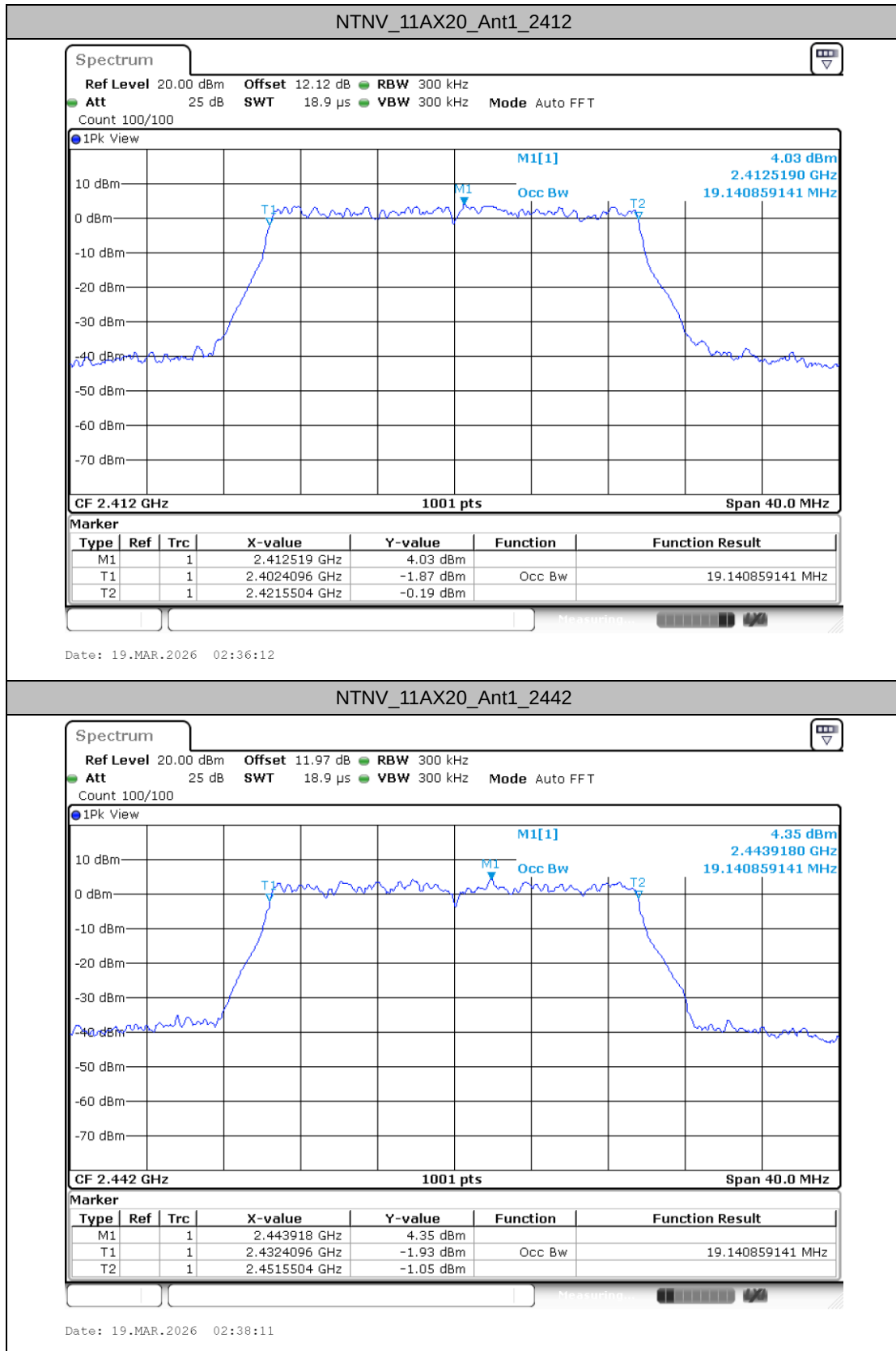


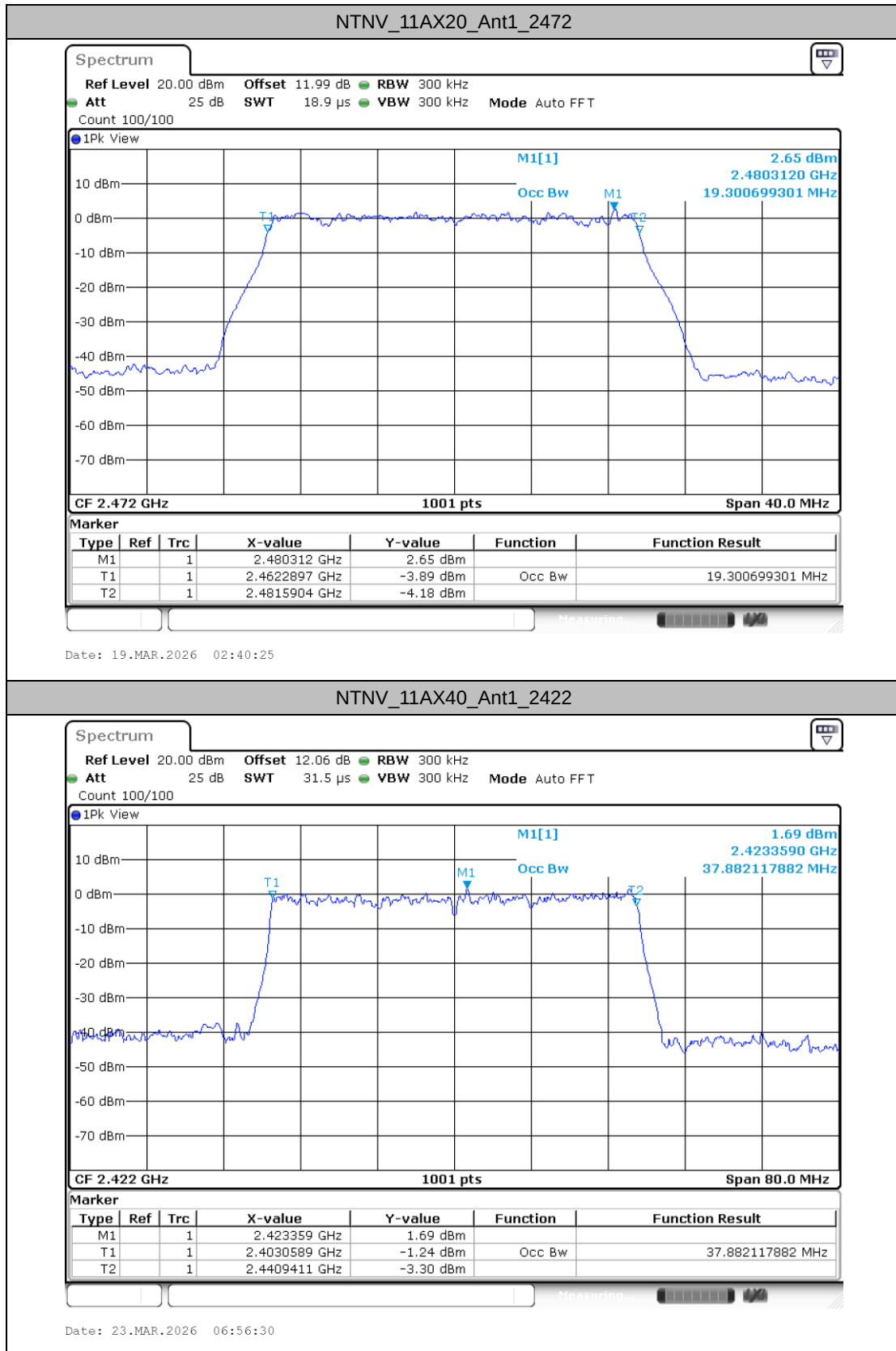


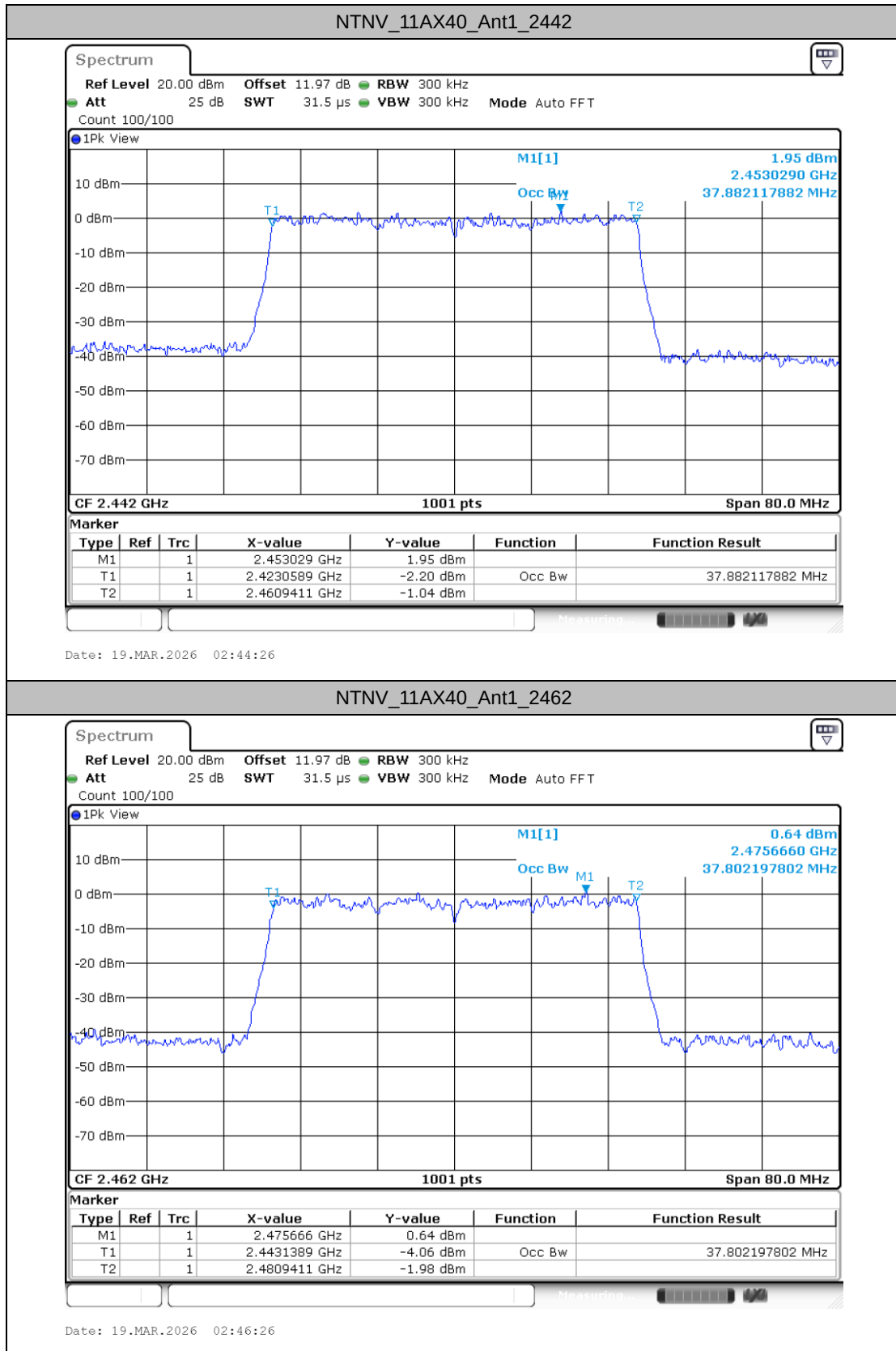














Unwanted Emission Strength

Test Result

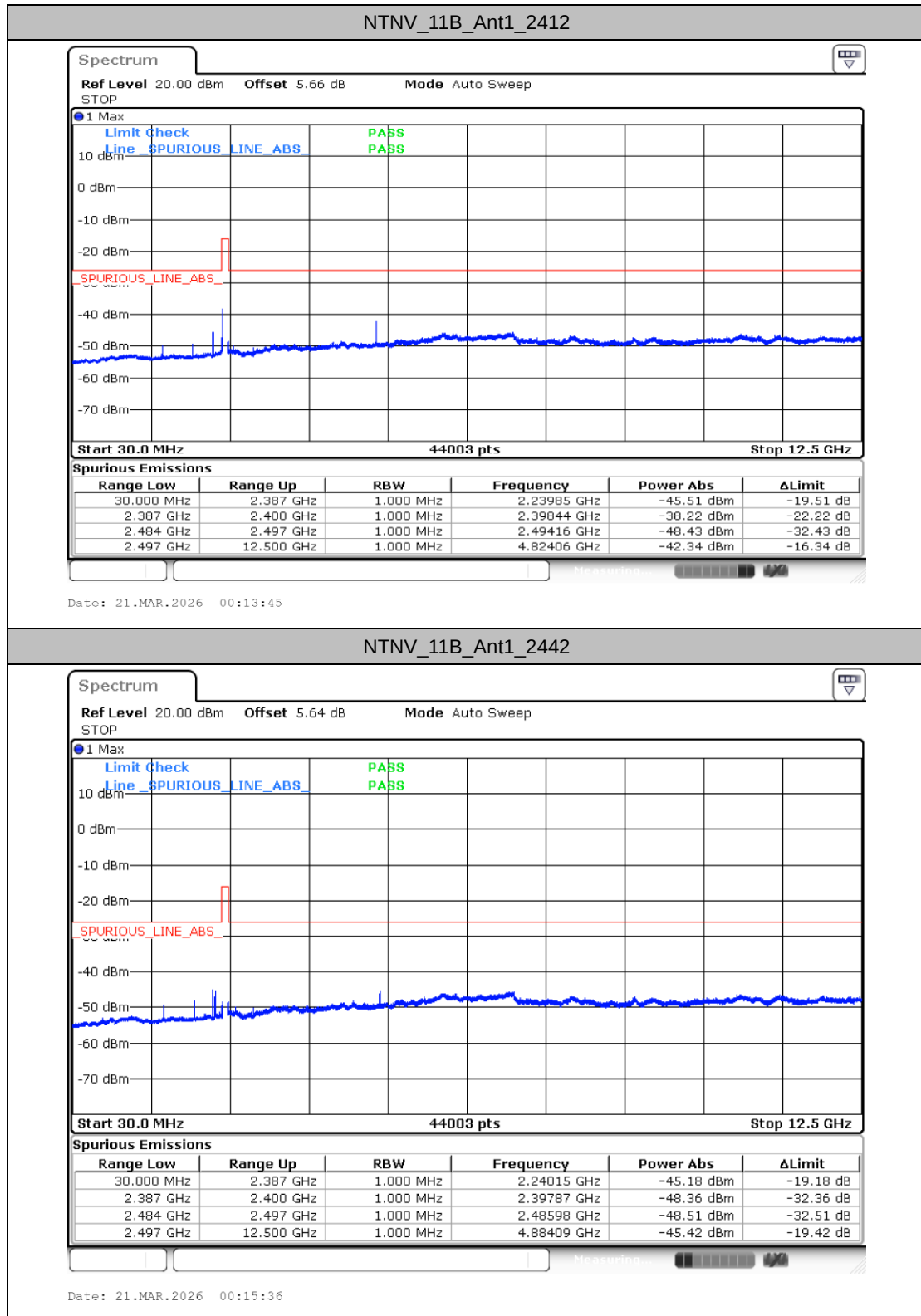
TestCondition	TestMode	Antenna	Freq (MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	11B	Ant1	2412	30~2387	2239.85	-45.51	-26.00	0.02812	2.5	PASS
				2387~2400	2398.44	-38.22	-16.00	0.15066	25	PASS
				2483.5~2496.5	2494.16	-48.43	-16.00	0.01435	25	PASS
				2496.5~12500	4824.06	-42.34	-26.00	0.05834	2.5	PASS
			2442	30~2387	2240.15	-45.18	-26.00	0.03034	2.5	PASS
				2387~2400	2397.87	-48.36	-16.00	0.01459	25	PASS
				2483.5~2496.5	2485.98	-48.51	-16.00	0.01409	25	PASS
				2496.5~12500	4884.09	-45.42	-26.00	0.02871	2.5	PASS
			2472	30~2387	2315.56	-45.23	-26.00	0.02999	2.5	PASS
				2387~2400	2399.90	-49.12	-16.00	0.01225	25	PASS
				2483.5~2496.5	2483.92	-41.35	-16.00	0.07328	25	PASS
				2496.5~12500	6998.33	-45.44	-26.00	0.02858	2.5	PASS
	11G	Ant1	2412	30~2387	2240.15	-46.50	-26.00	0.02239	2.5	PASS
				2387~2400	2399.62	-30.32	-16.00	0.92897	25	PASS
				2483.5~2496.5	2495.16	-48.65	-16.00	0.01365	25	PASS
				2496.5~12500	5871.93	-45.45	-26.00	0.02851	2.5	PASS
			2442	30~2387	2240.15	-46.51	-26.00	0.02234	2.5	PASS
				2387~2400	2399.90	-44.04	-16.00	0.03945	25	PASS
				2483.5~2496.5	2483.52	-46.18	-16.00	0.02410	25	PASS
				2496.5~12500	6878.78	-45.32	-26.00	0.02938	2.5	PASS
			2472	30~2387	2240.15	-46.16	-26.00	0.02421	2.5	PASS
				2387~2400	2394.24	-48.72	-16.00	0.01343	25	PASS
				2483.5~2496.5	2483.53	-30.55	-16.00	0.88105	25	PASS
				2496.5~12500	5893.94	-45.50	-26.00	0.02818	2.5	PASS
	11N20	Ant1	2412	30~2387	2240.15	-46.26	-26.00	0.02366	2.5	PASS
				2387~2400	2399.85	-31.79	-16.00	0.66222	25	PASS
				2483.5~2496.5	2494.64	-48.69	-16.00	0.01352	25	PASS
				2496.5~12500	5881.93	-45.60	-26.00	0.02754	2.5	PASS
			2442	30~2387	2240.15	-46.62	-26.00	0.02178	2.5	PASS
				2387~2400	2398.24	-44.16	-16.00	0.03837	25	PASS
				2483.5~2496.5	2484.62	-46.32	-16.00	0.02333	25	PASS
				2496.5~12500	6893.29	-45.64	-26.00	0.02729	2.5	PASS
			2472	30~2387	2240.15	-46.26	-26.00	0.02366	2.5	PASS
				2387~2400	2399.23	-48.53	-16.00	0.01403	25	PASS
				2483.5~2496.5	2483.53	-29.59	-16.00	1.09901	25	PASS
				2496.5~12500	6988.82	-45.45	-26.00	0.02851	2.5	PASS
	11N40	Ant1	2422	30~2387	2384.20	-42.01	-26.00	0.06295	2.5	PASS

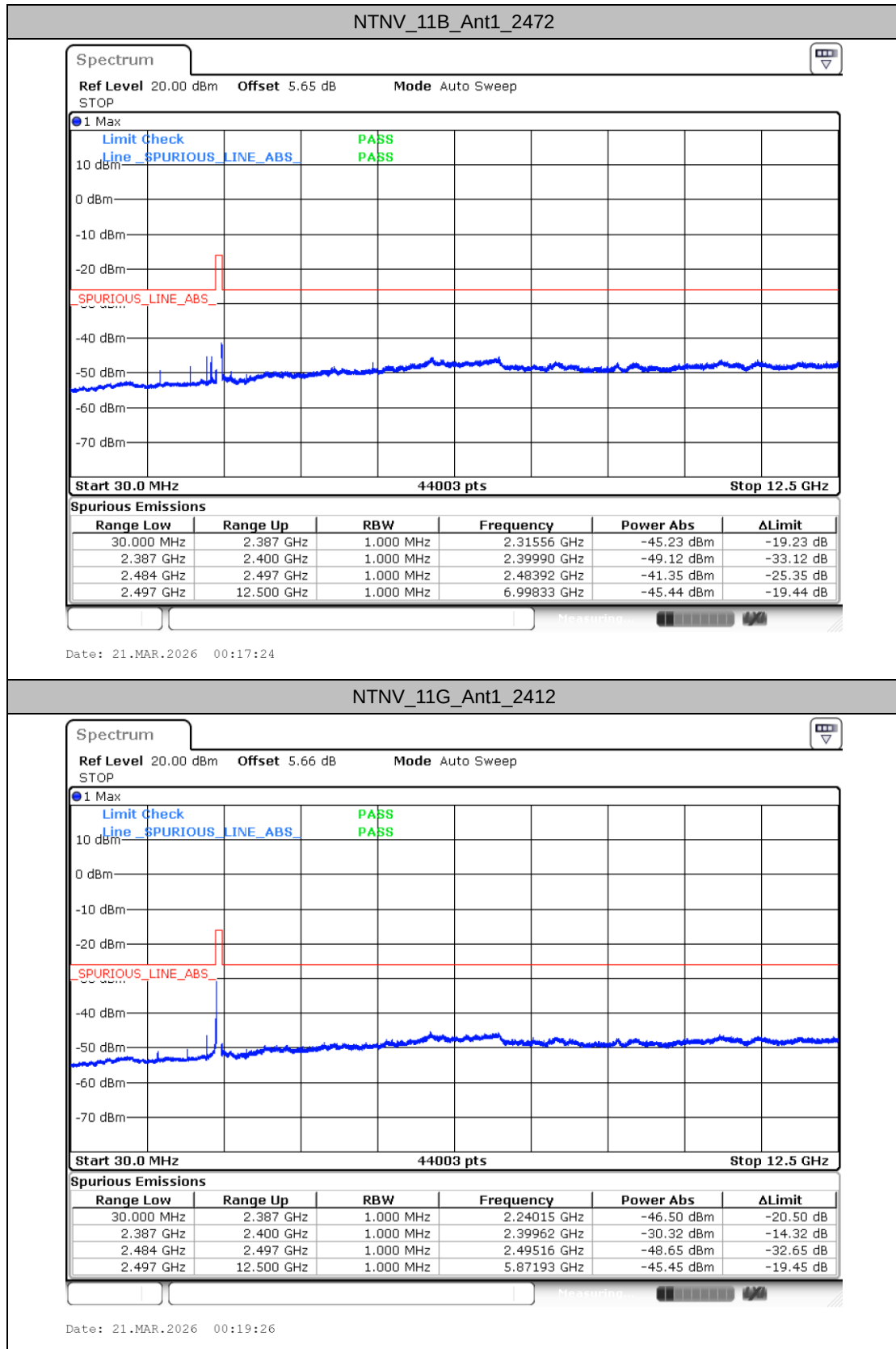


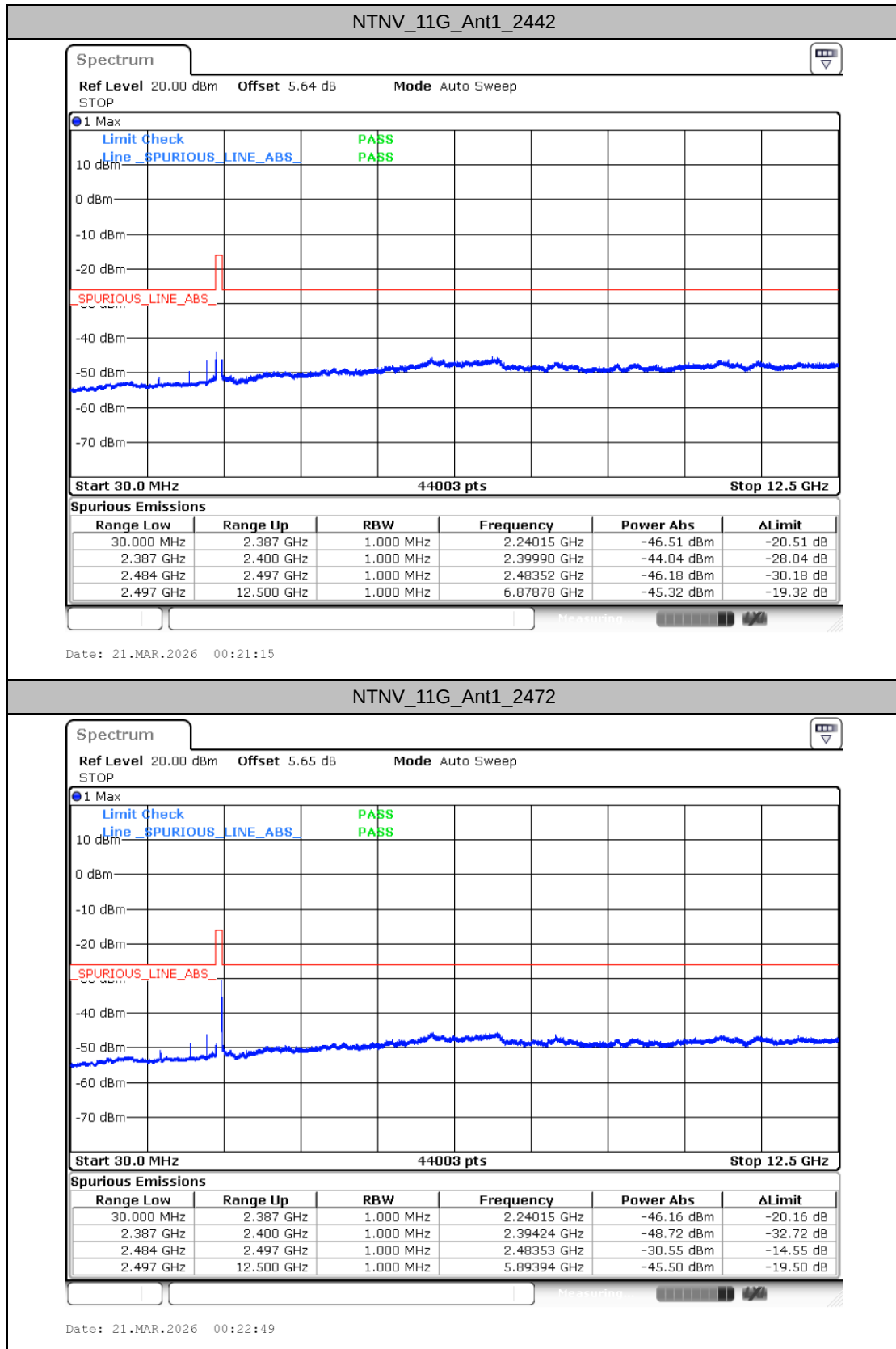
				2387~2400	2398.61	-34.86	-16.00	0.32659	25	PASS
				2483.5~2496.5	2487.16	-47.84	-16.00	0.01644	25	PASS
				2496.5~12500	6970.32	-45.66	-26.00	0.02716	2.5	PASS
			2442	30~2387	2239.85	-46.50	-26.00	0.02239	2.5	PASS
				2387~2400	2399.47	-40.61	-16.00	0.08690	25	PASS
				2483.5~2496.5	2486.85	-37.09	-16.00	0.19543	25	PASS
				2496.5~12500	6995.82	-45.54	-26.00	0.02793	2.5	PASS
			2462	30~2387	2240.15	-46.22	-26.00	0.02388	2.5	PASS
				2387~2400	2397.34	-46.99	-16.00	0.02000	25	PASS
				2483.5~2496.5	2484.07	-32.24	-16.00	0.59704	25	PASS
				2496.5~12500	2498.25	-44.94	-26.00	0.03206	2.5	PASS
	11AX20	Ant1	2412	30~2387	2239.85	-46.53	-26.00	0.02223	2.5	PASS
				2387~2400	2396.43	-30.21	-16.00	0.95280	25	PASS
				2483.5~2496.5	2490.52	-48.65	-16.00	0.01365	25	PASS
				2496.5~12500	6996.82	-45.58	-26.00	0.02767	2.5	PASS
			2442	30~2387	2239.85	-46.55	-26.00	0.02213	2.5	PASS
				2387~2400	2399.83	-44.86	-16.00	0.03266	25	PASS
				2483.5~2496.5	2484.47	-46.70	-16.00	0.02138	25	PASS
				2496.5~12500	5894.44	-45.53	-26.00	0.02799	2.5	PASS
			2472	30~2387	2239.85	-45.99	-26.00	0.02518	2.5	PASS
				2387~2400	2395.66	-48.68	-16.00	0.01355	25	PASS
				2483.5~2496.5	2483.52	-27.15	-16.00	1.92752	25	PASS
				2496.5~12500	6937.30	-45.67	-26.00	0.02710	2.5	PASS
	11AX40	Ant1	2422	30~2387	2386.26	-41.98	-26.00	0.06339	2.5	PASS
				2387~2400	2392.67	-32.66	-16.00	0.54200	25	PASS
				2483.5~2496.5	2488.77	-46.50	-16.00	0.02239	25	PASS
				2496.5~12500	5878.43	-45.64	-26.00	0.02729	2.5	PASS
			2442	30~2387	2239.85	-46.13	-26.00	0.02438	2.5	PASS
				2387~2400	2388.32	-35.43	-16.00	0.28642	25	PASS
				2483.5~2496.5	2488.91	-39.89	-16.00	0.10257	25	PASS
				2496.5~12500	6910.29	-45.62	-26.00	0.02742	2.5	PASS
			2462	30~2387	2240.15	-46.21	-26.00	0.02393	2.5	PASS
				2387~2400	2397.31	-47.16	-16.00	0.01923	25	PASS
				2483.5~2496.5	2491.50	-30.97	-16.00	0.79983	25	PASS
				2496.5~12500	5883.94	-45.61	-26.00	0.02748	2.5	PASS

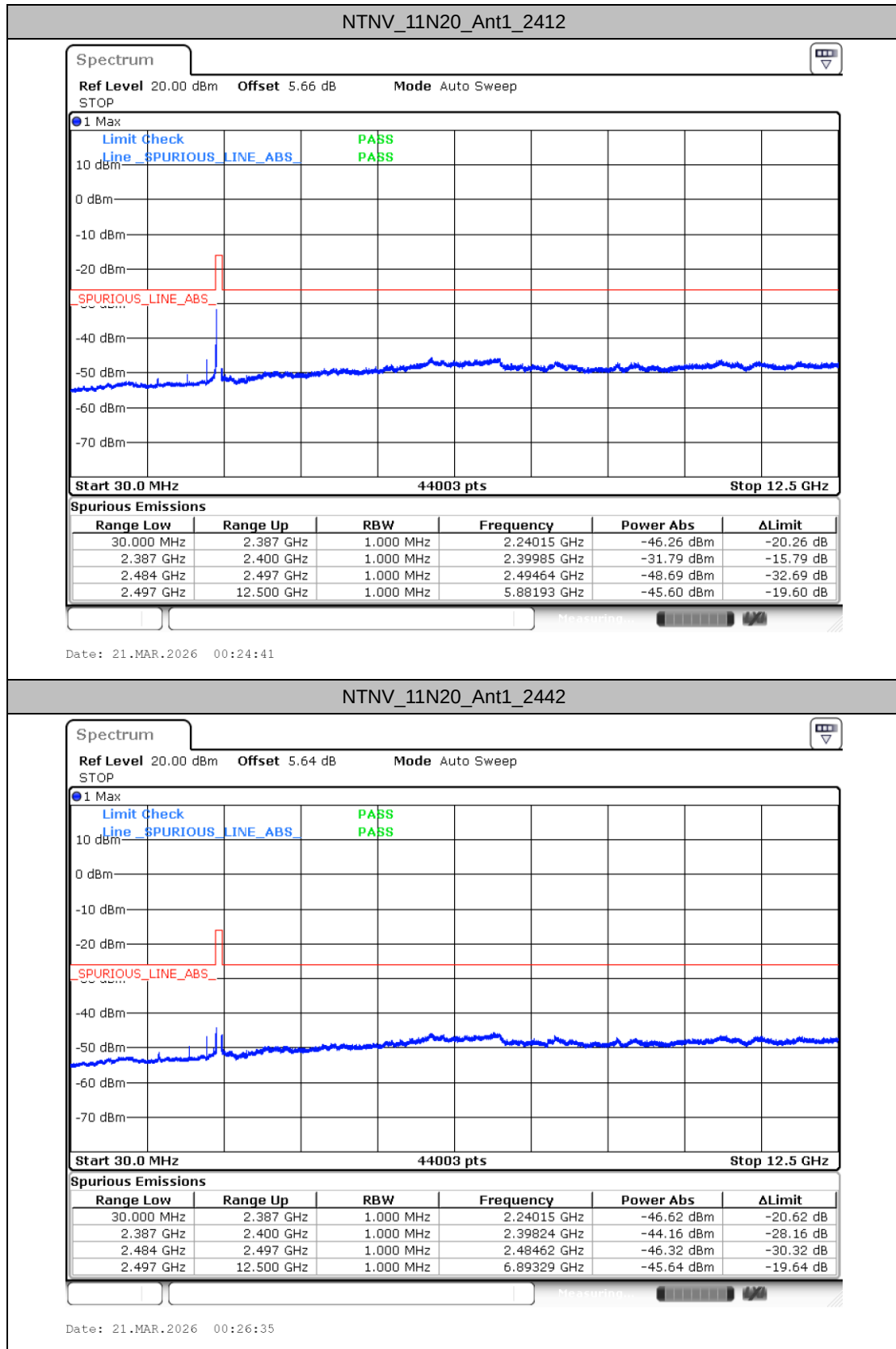


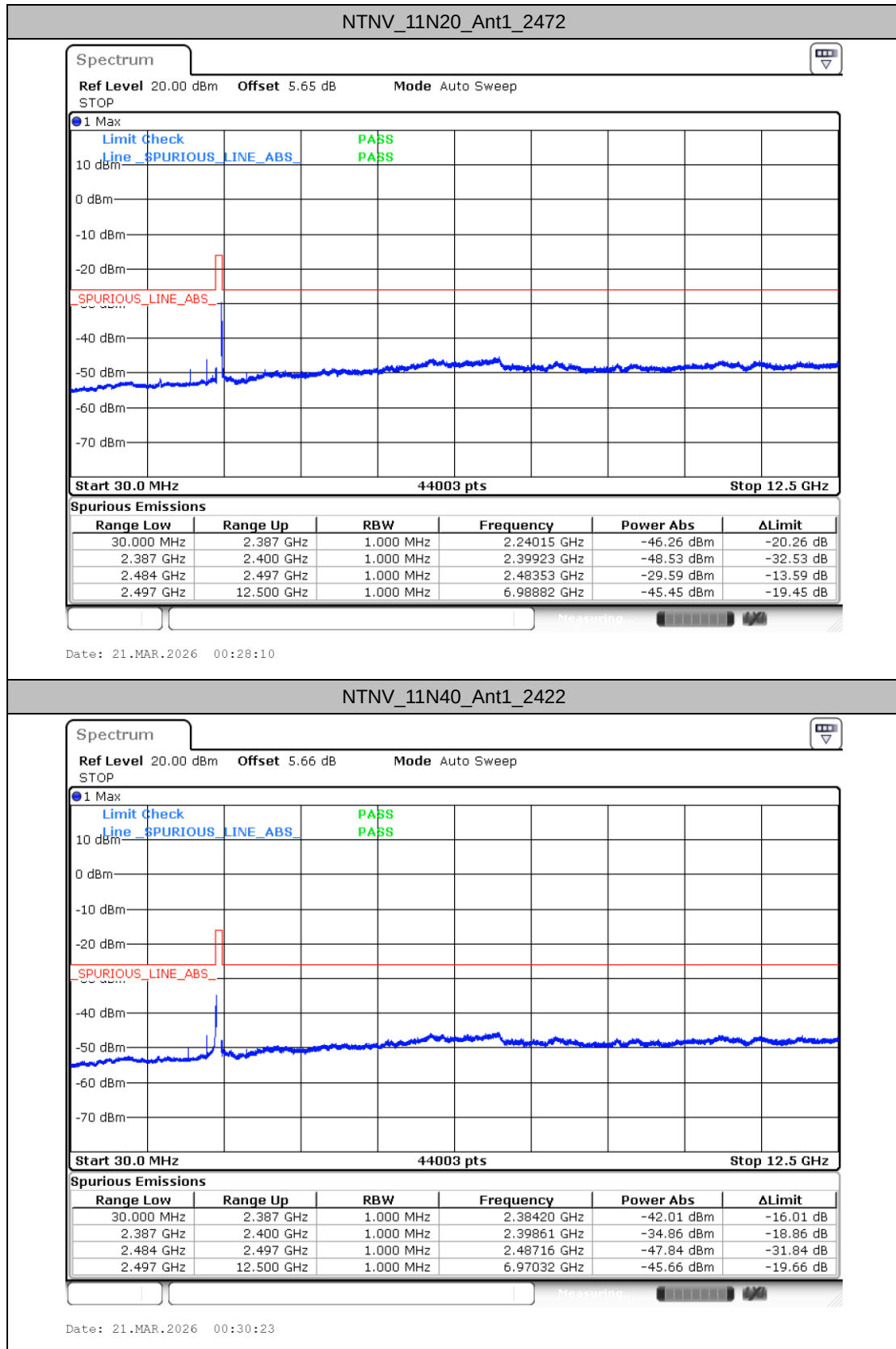
Test Graphs

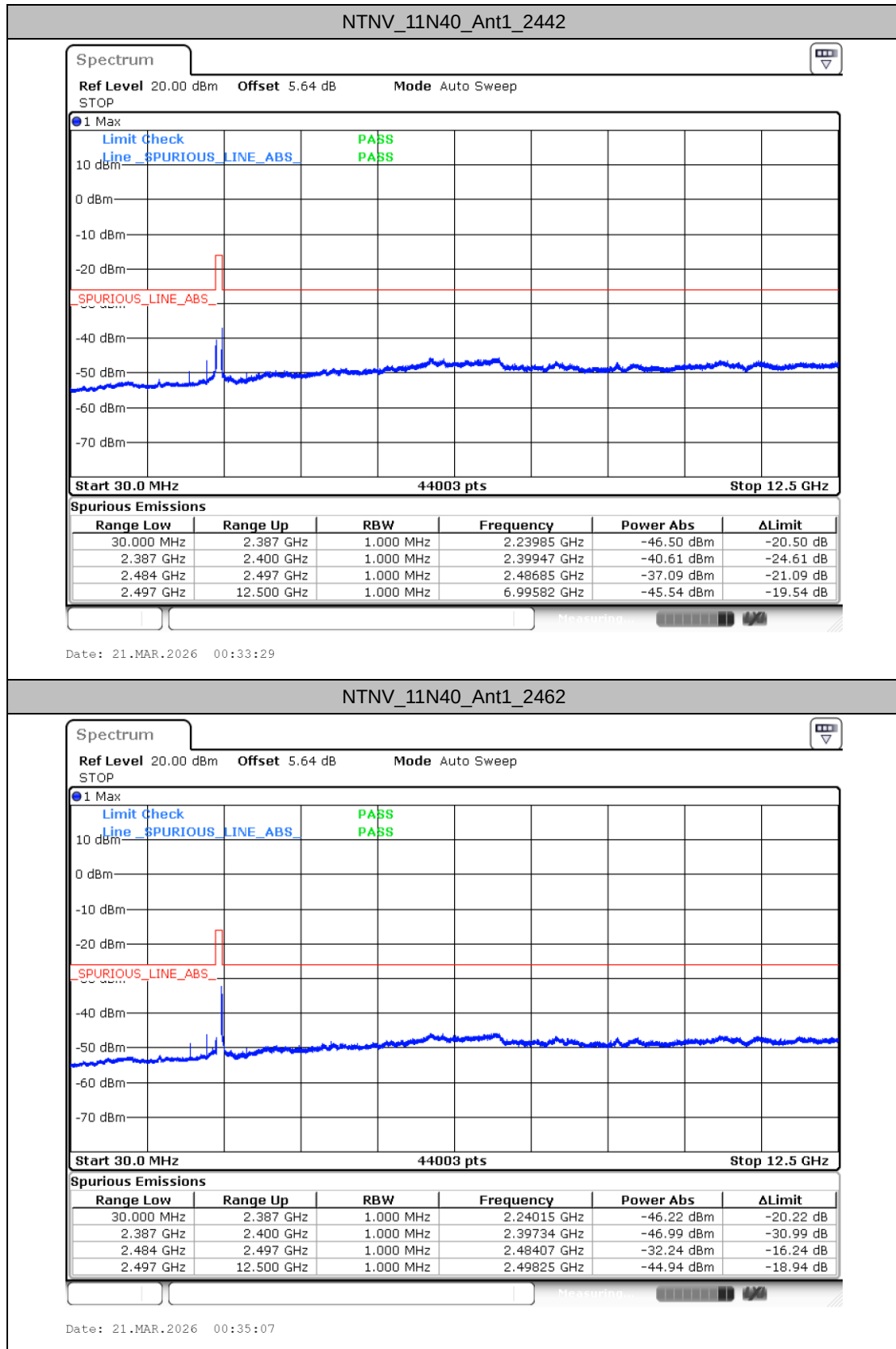


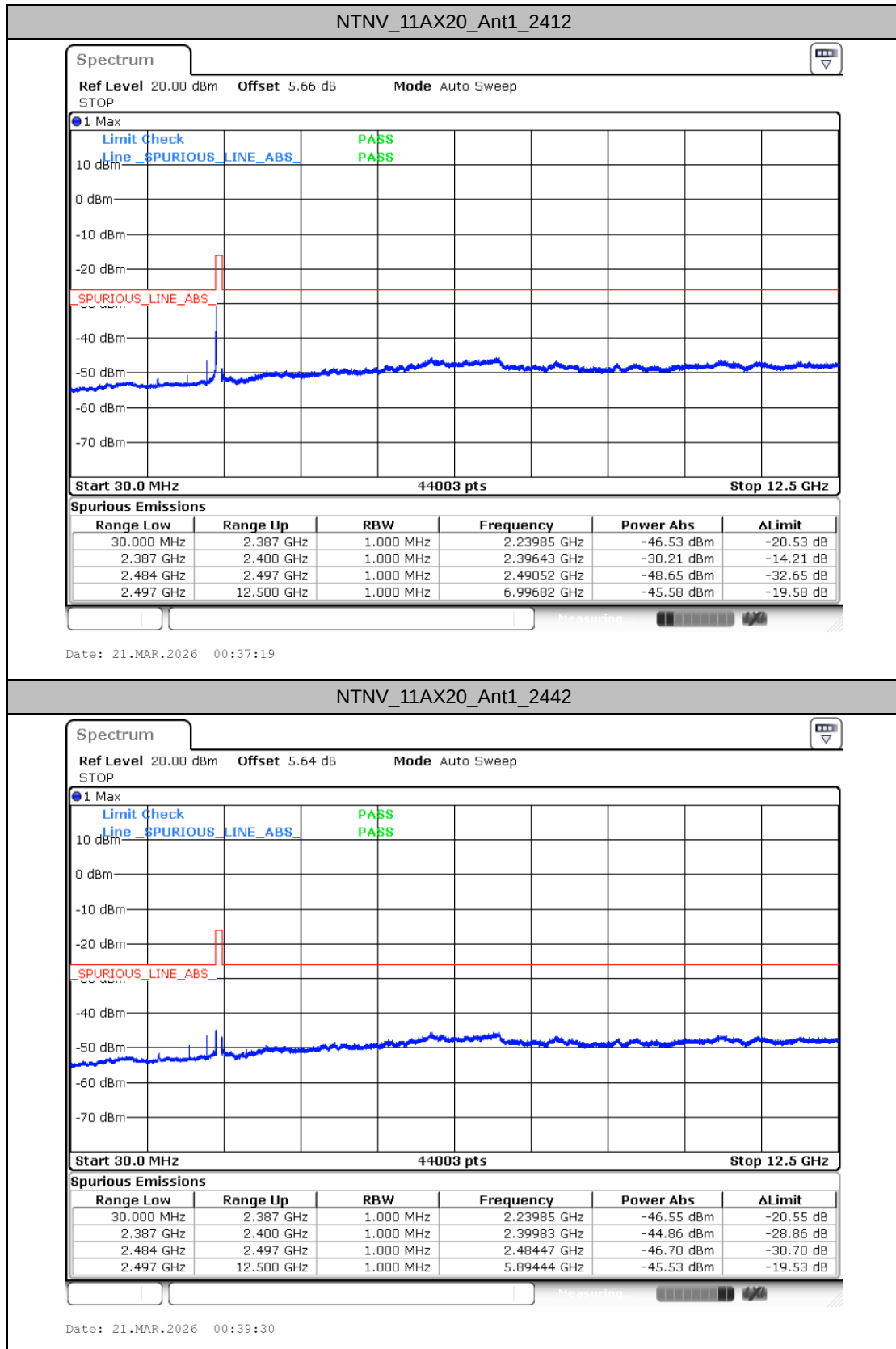


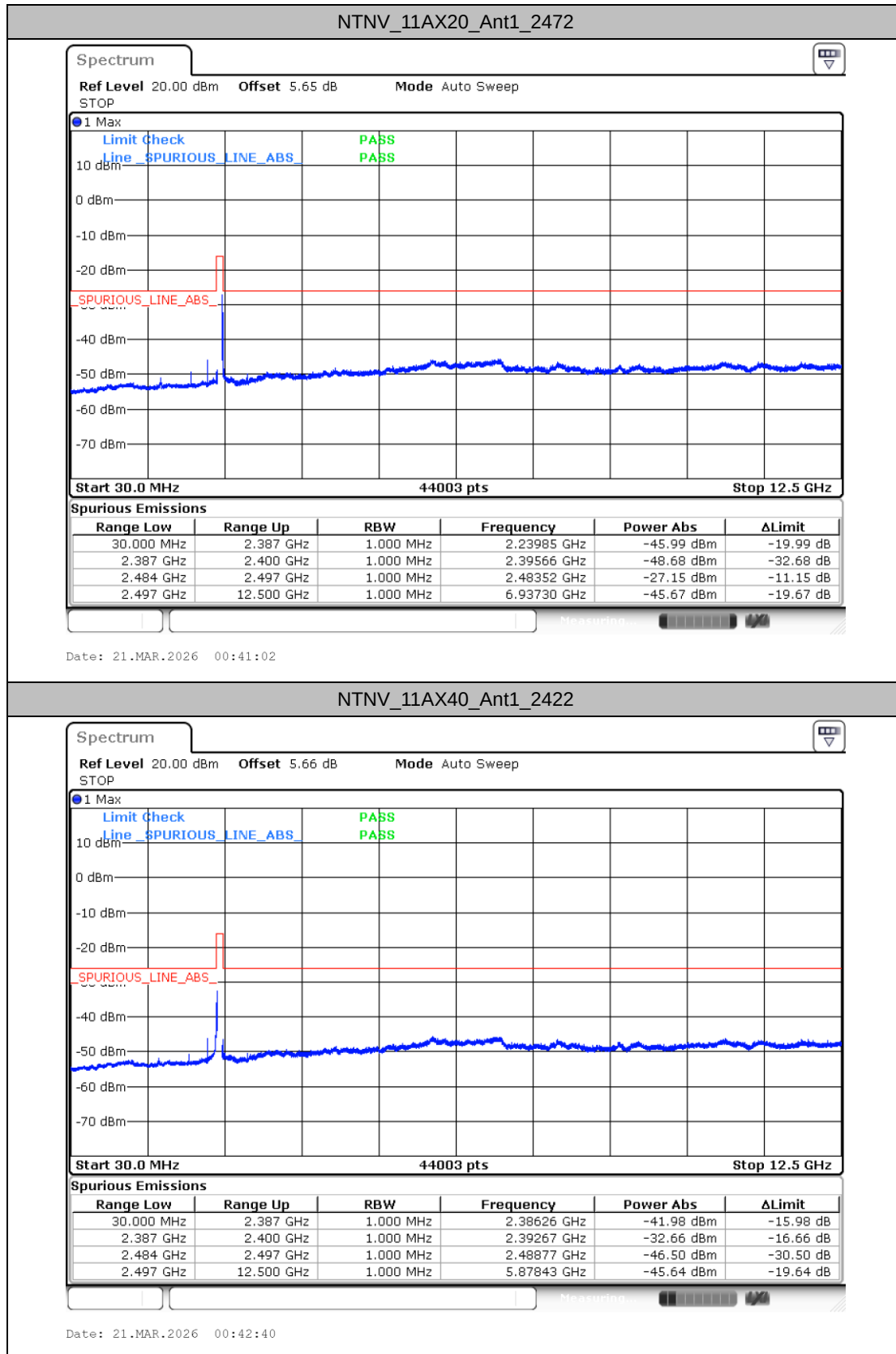


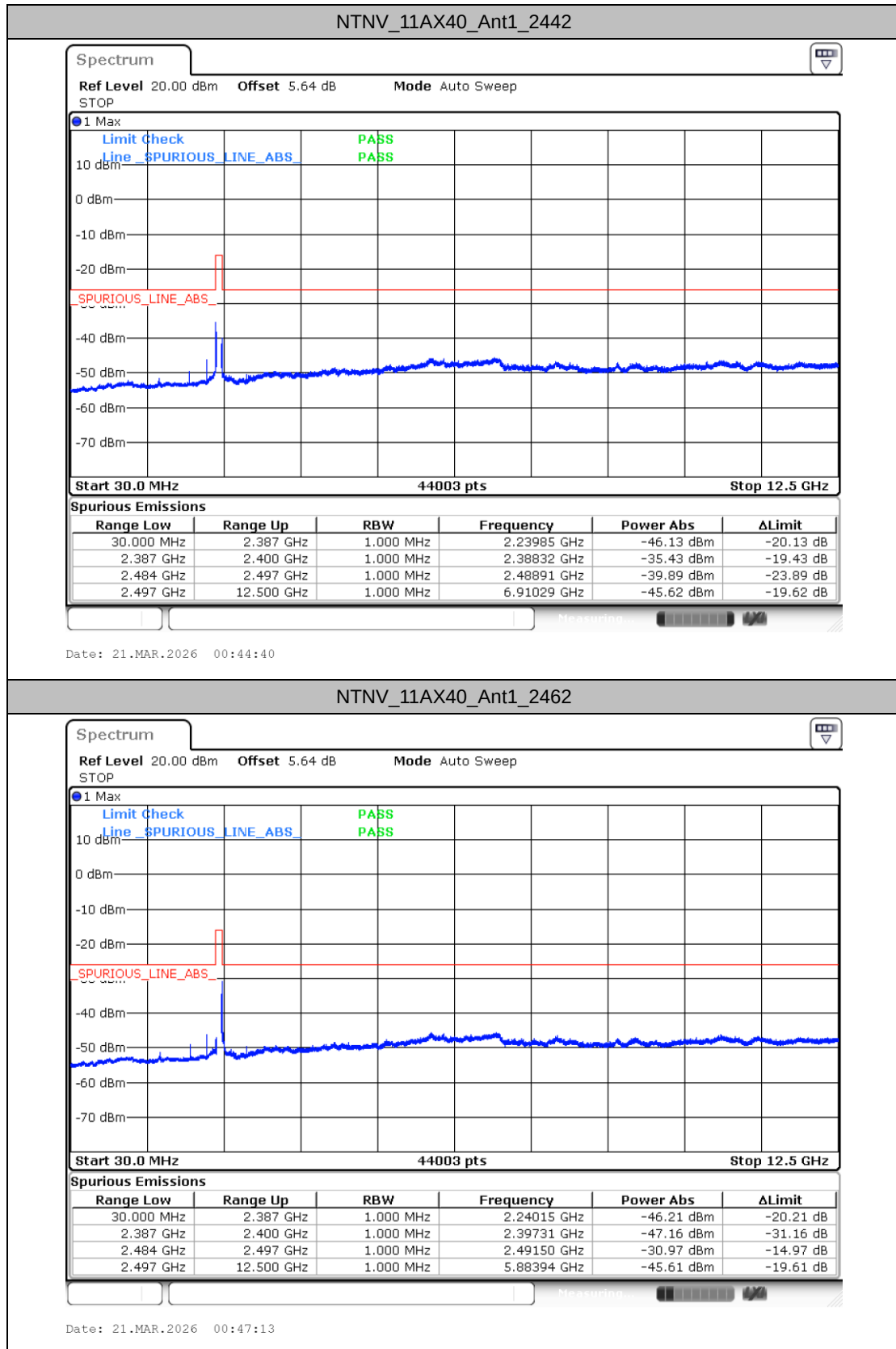














Secondarily Emitted Radio Wave Strength

Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	11B	Ant1	2412	30~1000	953.63	-84.91	-54.00	0.00323	4	PASS
				1000~12500	5888.94	-71.93	-47.00	0.06412	20	PASS
			2442	30~1000	975.09	-84.09	-54.00	0.00390	4	PASS
				1000~12500	5894.69	-71.80	-47.00	0.06607	20	PASS
			2472	30~1000	875.07	-84.31	-54.00	0.00371	4	PASS
				1000~12500	6739.36	-72.07	-47.00	0.06209	20	PASS
	11G	Ant1	2412	30~1000	981.88	-84.13	-54.00	0.00386	4	PASS
				1000~12500	6953.84	-71.77	-47.00	0.06653	20	PASS
			2442	30~1000	606.05	-84.82	-54.00	0.00330	4	PASS
				1000~12500	5875.14	-72.52	-47.00	0.05598	20	PASS
			2472	30~1000	992.30	-84.58	-54.00	0.00348	4	PASS
				1000~12500	6890.01	-72.09	-47.00	0.06180	20	PASS
	11N20	Ant1	2412	30~1000	883.19	-84.93	-54.00	0.00321	4	PASS
				1000~12500	5914.24	-72.01	-47.00	0.06295	20	PASS
			2442	30~1000	799.90	-84.89	-54.00	0.00324	4	PASS
				1000~12500	6995.81	-72.58	-47.00	0.05521	20	PASS
			2472	30~1000	594.77	-85.05	-54.00	0.00313	4	PASS
				1000~12500	6984.31	-71.94	-47.00	0.06397	20	PASS
	11N40	Ant1	2422	30~1000	862.10	-84.74	-54.00	0.00336	4	PASS
				1000~12500	5933.21	-72.23	-47.00	0.05984	20	PASS
			2442	30~1000	809.12	-84.93	-54.00	0.00321	4	PASS
				1000~12500	5907.91	-71.58	-47.00	0.06950	20	PASS
			2462	30~1000	932.17	-84.49	-54.00	0.00356	4	PASS
				1000~12500	10498.14	-72.46	-47.00	0.05675	20	PASS
	11AX20	Ant1	2412	30~1000	912.04	-85.06	-54.00	0.00312	4	PASS
				1000~12500	6968.79	-71.60	-47.00	0.06918	20	PASS
			2442	30~1000	943.69	-84.61	-54.00	0.00346	4	PASS
				1000~12500	5880.89	-71.83	-47.00	0.06561	20	PASS
			2472	30~1000	968.54	-84.48	-54.00	0.00356	4	PASS
				1000~12500	5864.21	-72.16	-47.00	0.06081	20	PASS
	11AX40	Ant1	2422	30~1000	961.39	-84.63	-54.00	0.00344	4	PASS
				1000~12500	6987.19	-71.83	-47.00	0.06561	20	PASS
			2442	30~1000	515.73	-84.63	-54.00	0.00344	4	PASS
				1000~12500	6990.64	-72.46	-47.00	0.05675	20	PASS
			2462	30~1000	841.97	-84.88	-54.00	0.00325	4	PASS
				1000~12500	6985.46	-72.13	-47.00	0.06124	20	PASS



Test Graphs

