

RADIO FREQUENCY TEST REPORT

Test Report No.:	R260415002-01
Product Name:	Scanner Cradle
Brand name:	N/A
Product Model:	Leap 500-SC1
Series models:	NT 510-SC1
Applicant:	BLZ Technology (Wuhan) Co., Ltd.
Address:	C4166, Wuhan Overseas Scholar Business Park, No.11 Dongxin Road, East Lake New Technology Development Zone, 430074, Wuhan, China
Date of Receipt:	May 15, 2026
Date of Test:	May 15, 2026~Aug. 03, 2026
Issued Date:	Aug. 11, 2026
Standards:	Article 2, Paragraph 1, Item 19 - 3
Testing Laboratory:	WU HAN BAO MU TESTING CO., LTD.

Prepared By:	Checked By:	Approved By:	
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Anson	Krain	Vic	

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History of this test report

Original Report Issue Date: Aug. 11, 2026

- No additional attachment
- Additional attachments were issued following record

Attachment No.	Issue Date	Description

1. General Information

1.1 Basic information of EUT

Product No.	POC260415002-S-R001
Product Name	Scanner Cradle
Product Model	Leap 500-SC1
Series models	NT 510-SC1
Model difference	All models are electrical identical including the same software parameter and hardware design (i.e., circuit design, PCB Layout, RF module/circuit, antenna type(s) and antenna location, components on PCB, etc.), same mechanical structure and design (including product enclosure, materials, etc.). The only difference between Leap 500-SC1 and NT 510-SC1 is the curved surface design of the scanner cradle upper shell.
Trade Mark	N/A
Power supply	(1) DC 12V from Adapter (2) DC 5V from USB data cable
Adapter Information	Model:FJ-SW3381202000N Input:100-240V~50/60Hz 0.6A Max Output:DC 12.0V,2.0A
Applicant	BLZ Technology (Wuhan) Co., Ltd.
Applicant Address:	C4166, Wuhan Overseas Scholar Business Park, No.11 Dongxin Road, East Lake New Technology Development Zone, 430074, Wuhan, China
Manufacturer	BLZ Technology (Wuhan) Co., Ltd.
Manufacturer Address:	C4166, Wuhan Overseas Scholar Business Park, No.11 Dongxin Road, East Lake New Technology Development Zone, 430074, Wuhan, China
Factory	BLZ Technology (Wuhan) Co., Ltd.
Factory Address:	C4166, Wuhan Overseas Scholar Business Park, No.11 Dongxin Road, East Lake New Technology Development Zone, 430074, Wuhan, China

Note: "N/A" indicates "Not Applicable"

1.2 Basic Description of Equipment Under Test

Items	Description			
Operate temperature	0℃-40℃			
Operating Band	Band	Mode	Frequency Range (MHz)	Number of channels
	U-NII Band I	IEEE 802.11a	5180-5240	4
		IEEE 802.11n/ac/ax 20MHz	5180-5240	4
		IEEE 802.11n/ac/ax 40MHz	5190-5230	2
		IEEE 802.11ac/ax 80MHz	5210	1
Product Type	For IEEE 802.11a: WLAN(2TX) For IEEE 802.11n: WLAN(2TX) For IEEE 802.11ac: WLAN(2TX) For IEEE 802.11ax: WLAN(2TX)			
Nominal Bandwidth	20MHz / 40MHz / 80MHz			
Modulation	IEEE 802.11a:OFDM (BPSK / QPSK / 16QAM / 64QAM) IEEE 802.11n:OFDM (BPSK / QPSK / 16QAM / 64QAM) IEEE 802.11ac:OFDM(BPSK / QPSK / 16QAM / 64QAM / 256QAM) IEEE 802.11ax:OFDMA (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM)			
Data Rate (Mbps)	IEEE 11a mode : OFDM (6/9/12/18/24/36/48/54) IEEE 11n mode : MCS0~MCS31 IEEE 11ac mode : MCS0~MCS9 IEEE 11ax mode : MCS0~MCS11			
User Mode	Access point			
Beamforming Function	☐ With Beamforming ☒ Without Beamforming			

Channel Information			
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	802.11a /n /ac /ax (20MHz)	5180-5240	36-48
5150-5250	802.11n /ac /ax (40MHz)	5190-5230	38-46
5150-5250	802.11ac /ax (80MHz)	5210	42

1.3 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	FPC	N/A	5.0
2	N/A	N/A	FPC	N/A	5.0

Note: Antenna 1 and Antenna 2 are uncorrelated; hence, the directional gain equals the maximum antenna gain of 5.0 dBi.

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2. Summary of Test Results

2.1 Summary of Test Items

Test Item	Result	Note
Frequency Error	Pass	
Antenna Output Power and E.I.R.P and Output Power Tolerance	Pass	
Occupied Bandwidth	Pass	
Adjacent Channel Power and Out of Band Leakage Power	Pass	
Unwanted Emission Strength	Pass	
Secondary Radiated Emission Strength	Pass	
Transmission Burst Length	Pass	
Carrier Sense Capability	Pass	
Construction protection method	Pass	
Interference Prevention Function	Pass	
Dynamic Frequency selection(DFS)	N/A	(1) (2)
Condition for Voltage Stabilization	Pass	

Note:

(1) "N/A" indicates "Not Applicable".

(2) DFS does not apply to the W52 band.

2.2 Application of Harmonized Standard

No.	Reference Standards	Standards Title
1	MIC Notification No 88. Appendix No.45 Article 2, Paragraph 1, Item 19 - 3	5 GHz band low-power data communication systems

2.3 Test Instruments

Name of Equipment	Manufacturer	Model Number	Serial Number	Due Calibration
Spectrum analyzer	keysight	N9040B-550	MY60080424	2026/7/20 2027/7/19
Signal generator	keysight	N5182B	MY61252681	2026/7/20 2027/7/19
Signal generator	keysight	N5173B-540	MY61252781	2026/7/20 2027/7/19
Spread spectrum unit	Tonscend	TS-WF7U	24G806WF7U0892	2026/11/09
Temperature Chamber	CHINHUNG	JHHA-615T-165L	JH7412	2026/7/20 2027/7/19
JS1120-3	Tonscend	V3.2.22	N/A	N/A

Note:

- (1) "N/A" denotes no model name, serial no. or calibration specified.
- (2) Calibration conducted in countries except Japan, which shall be equivalent to the calibration conducted by the NiCT or a designated calibration agency under Article102-18 paragraph (1).

2.4 Test Mode

The EUT has been tested under typical operating condition. The Applicant provides communication tools software to control the EUT for staying in continuous transmitting and receiving mode for testing.

Operation Frequency List:

Operating band	20MHz		40MHz		80MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Band 1	36	5180	38	5190	42	5210
	40	5200	46	5230	-	-
	44	5220	-	-	-	-
	48	5240	-	-	-	-

Note: The line display in grey were the channel selected for testing

Operation Mode:

802.11a	802.11a with data rate of 6Mbps
802.11n(HT20)/ 802.11ac(VHT20)/802.11ax(HE20)	With data rate of MSC0 for bandwidth 20MHz
802.11n(HT40)/ 802.11ac(VHT40)/802.11ax(HE40)	With data rate of MSC0 for bandwidth 40MHz
802.11ac(VHT80)/802.11ax(HE80)	With data rate of MSC0 for bandwidth 80MHz

2.5 Test Conditions

Environment Parameter	100.2KPa
Relative Humidity	49%
Temperature(°C)	23
Normal Voltage	DC 5.00V
High Voltage	DC 5.50V
Low Voltage	DC 4.50V

2.6 Measurement Uncertainty

Uncertainty	
Parameter	Uncertainty
Centre frequencies	±0.12 ppm
Occupied Channel Bandwidth	±0.0196%
RF output power	±1.24 dB
RF power density	±1.122 dB
Conducted emission	±4.62dB

2.7 Test Location

WU HAN BAO MU TESTING CO., LTD.

2nd floor, Building 1, Building 11, Gemdale Viseen Jiangxia Intelligent Manufacturing Industrial Park, NO.6 ,
Hejiahu Street, Daqiao New District, Jiangxia District, Wuhan City, Hubei Province

2.8 Deviation from Standards

None

2.9 Abnormalities from Standard Conditions

None

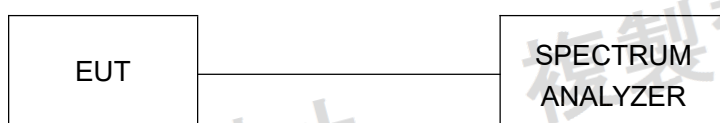
3. Test Procedure and Results

3.1 Frequency Error

LIMIT

±20ppm

TEST CONFIGURATION



TEST PROCEDURE

The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram as TEST CONFIGURATION shows.

EUT Condition: modulation

Spectrum Condition:

Frequency: Test frequency

Span: Show the entire waveform

RBW: 10 KHz

VBW: 10 KHz

Sweep time: Auto

Detector mode: Positive peak

Indication mode: Max hold

TEST RESULTS

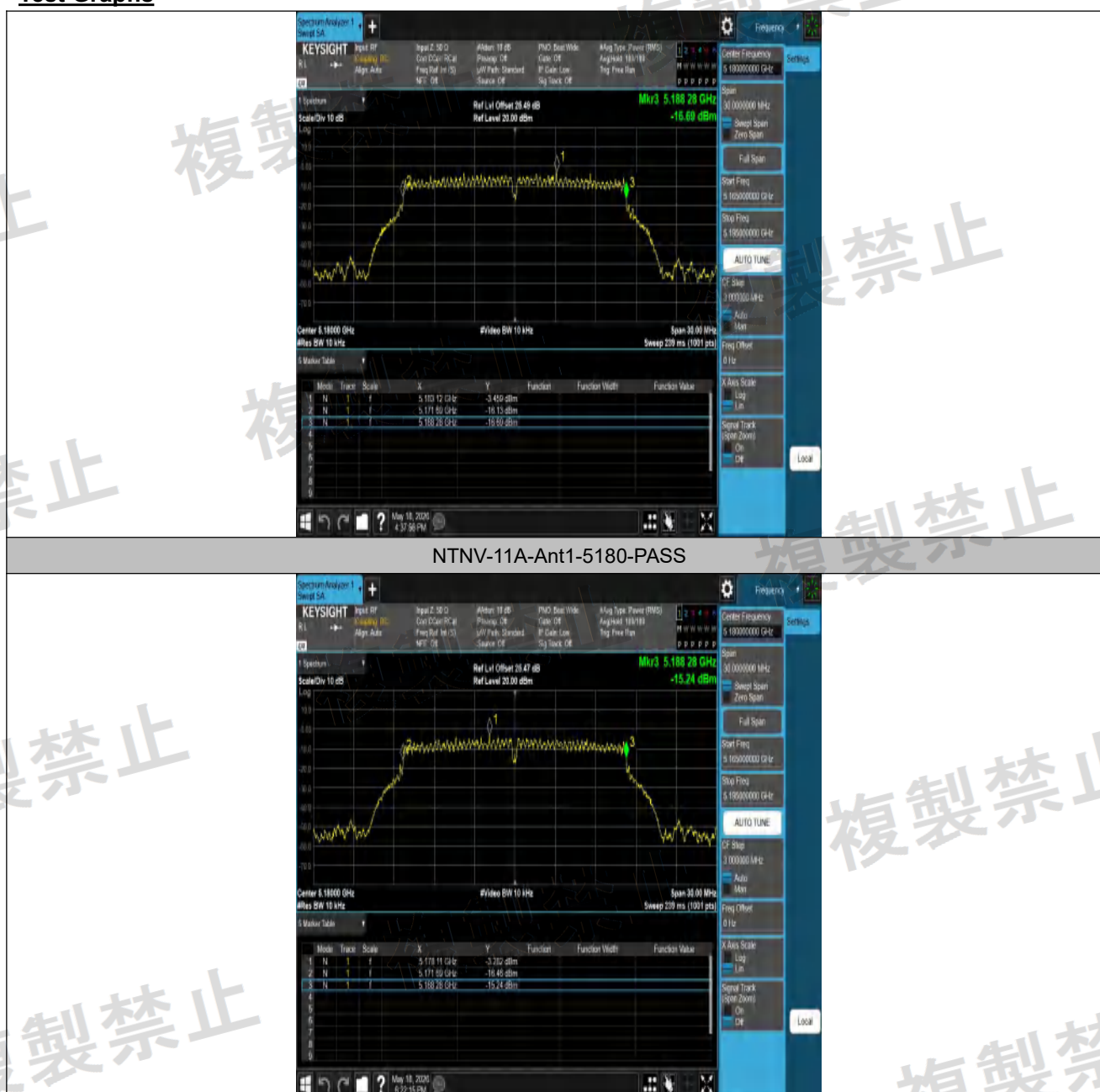
TestCondition	TestMode	Antenna	Frequency[MHz]	CenterFreq [MHz]	Result [ppm]	Limit [ppm]	Verdict
NTNV	11A	Ant1	5180	5179.985	-2.89575	±20	PASS
NTNV	11A	Ant2	5180	5179.985	-2.89575	±20	PASS
NTNV	11A	Ant1	5200	5199.985	-2.88462	±20	PASS
NTNV	11A	Ant2	5200	5199.97	-5.76923	±20	PASS
NTNV	11A	Ant1	5220	5219.97	-5.74713	±20	PASS
NTNV	11A	Ant2	5220	5219.97	-5.74713	±20	PASS
NTNV	11A	Ant1	5240	5239.97	-5.72519	±20	PASS
NTNV	11A	Ant2	5240	5239.985	-2.86260	±20	PASS
NTNV	11N20MIMO	Ant1	5180	5179.985	-2.89575	±20	PASS
NTNV	11N20MIMO	Ant2	5180	5179.97	-5.79151	±20	PASS
NTNV	11N20MIMO	Ant1	5200	5199.985	-2.88462	±20	PASS
NTNV	11N20MIMO	Ant2	5200	5199.97	-5.76923	±20	PASS
NTNV	11N20MIMO	Ant1	5220	5219.985	-2.87356	±20	PASS
NTNV	11N20MIMO	Ant2	5220	5219.97	-5.74713	±20	PASS
NTNV	11N20MIMO	Ant1	5240	5239.97	-5.72519	±20	PASS
NTNV	11N20MIMO	Ant2	5240	5239.97	-5.72519	±20	PASS
NTNV	11N40MIMO	Ant1	5190	5190	0.00000	±20	PASS
NTNV	11N40MIMO	Ant2	5190	5190	0.00000	±20	PASS
NTNV	11N40MIMO	Ant1	5230	5229.97	-5.73614	±20	PASS
NTNV	11N40MIMO	Ant2	5230	5229.97	-5.73614	±20	PASS
NTNV	11AC20MIMO	Ant1	5180	5180	0.00000	±20	PASS
NTNV	11AC20MIMO	Ant2	5180	5179.97	-5.79151	±20	PASS
NTNV	11AC20MIMO	Ant1	5200	5199.985	-2.88462	±20	PASS
NTNV	11AC20MIMO	Ant2	5200	5199.985	-2.88462	±20	PASS
NTNV	11AC20MIMO	Ant1	5220	5219.97	-5.74713	±20	PASS
NTNV	11AC20MIMO	Ant2	5220	5219.97	-5.74713	±20	PASS
NTNV	11AC20MIMO	Ant1	5240	5239.97	-5.72519	±20	PASS
NTNV	11AC20MIMO	Ant2	5240	5239.97	-5.72519	±20	PASS
NTNV	11AC40MIMO	Ant1	5190	5189.97	-5.78035	±20	PASS
NTNV	11AC40MIMO	Ant2	5190	5189.97	-5.78035	±20	PASS
NTNV	11AC40MIMO	Ant1	5230	5229.97	-5.73614	±20	PASS
NTNV	11AC40MIMO	Ant2	5230	5229.97	-5.73614	±20	PASS
NTNV	11AC80MIMO	Ant1	5210	5209.94	-11.51632	±20	PASS
NTNV	11AC80MIMO	Ant2	5210	5210	0.00000	±20	PASS
NTNV	11AX20MIMO	Ant1	5180	5180	0.00000	±20	PASS
NTNV	11AX20MIMO	Ant2	5180	5180	0.00000	±20	PASS
NTNV	11AX20MIMO	Ant1	5200	5199.97	-5.76923	±20	PASS
NTNV	11AX20MIMO	Ant2	5200	5199.97	-5.76923	±20	PASS
NTNV	11AX20MIMO	Ant1	5220	5219.97	-5.74713	±20	PASS

NTNV	11AX20MIMO	Ant2	5220	5219.97	-5.74713	±20	PASS
NTNV	11AX20MIMO	Ant1	5240	5239.97	-5.72519	±20	PASS
NTNV	11AX20MIMO	Ant2	5240	5239.97	-5.72519	±20	PASS
NTNV	11AX40MIMO	Ant1	5190	5190	0.00000	±20	PASS
NTNV	11AX40MIMO	Ant2	5190	5190	0.00000	±20	PASS
NTNV	11AX40MIMO	Ant1	5230	5230	0.00000	±20	PASS
NTNV	11AX40MIMO	Ant2	5230	5230	0.00000	±20	PASS
NTNV	11AX80MIMO	Ant1	5210	5210	0.00000	±20	PASS
NTNV	11AX80MIMO	Ant2	5210	5210	0.00000	±20	PASS

Note:

1. The EUT can't set at un-modulation mode, so measure the 10dBc center frequency($CF=(FL+FH)/2$).

Test Graphs



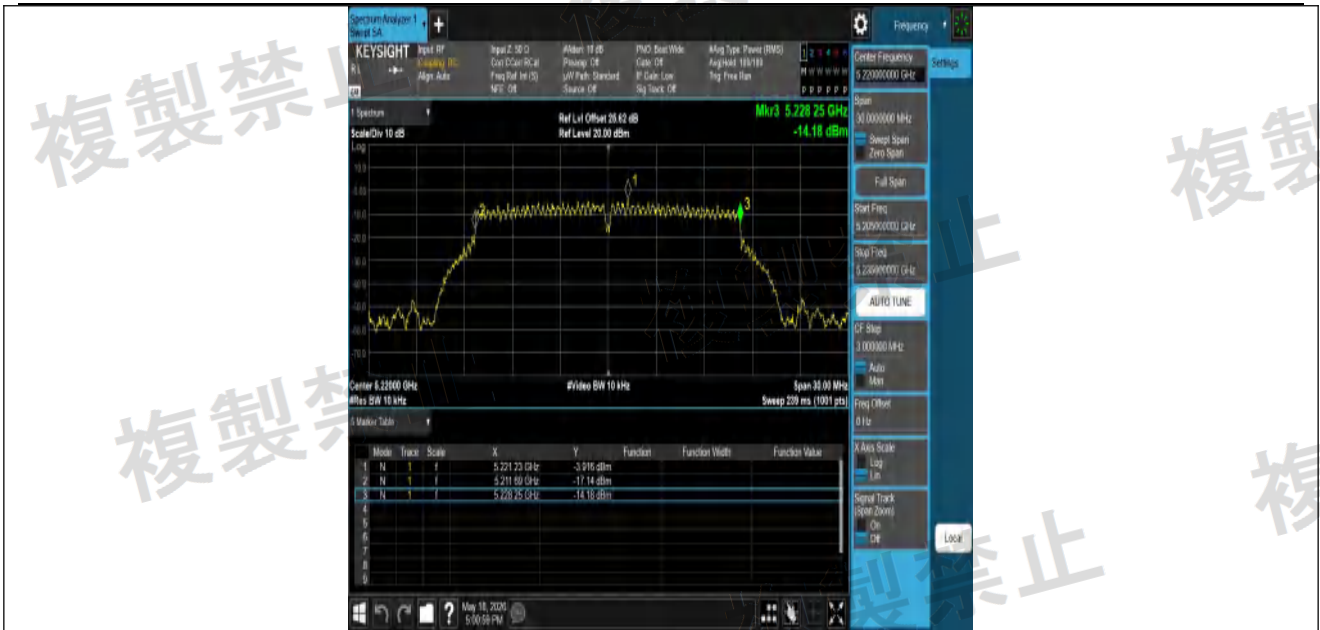
NTNV-11A-Ant2-5180-PASS



NTNV-11A-Ant1-5200-PASS



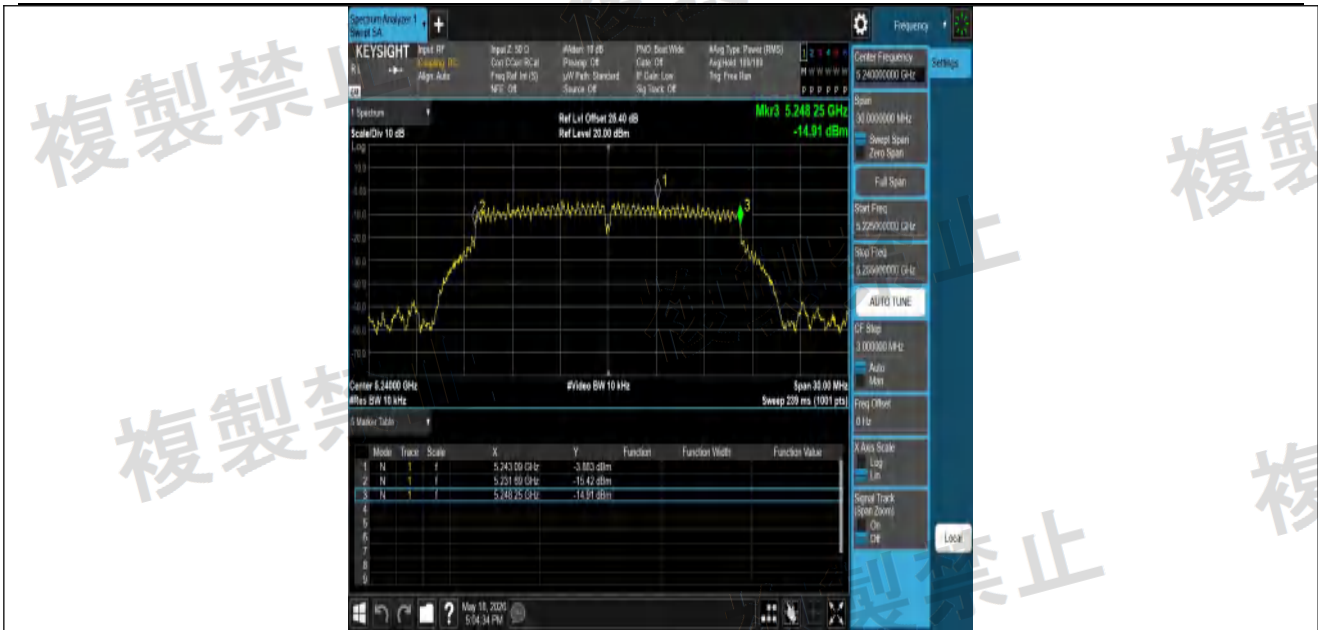
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NTNV-11A-Ant1-5220-PASS



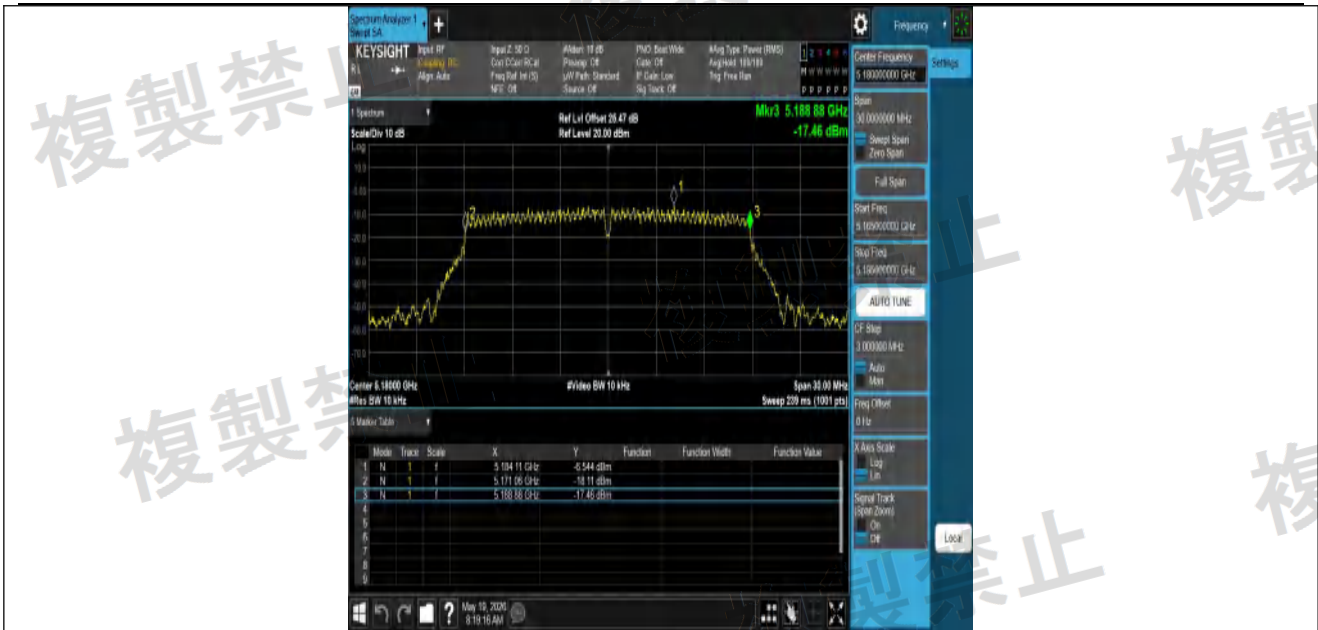
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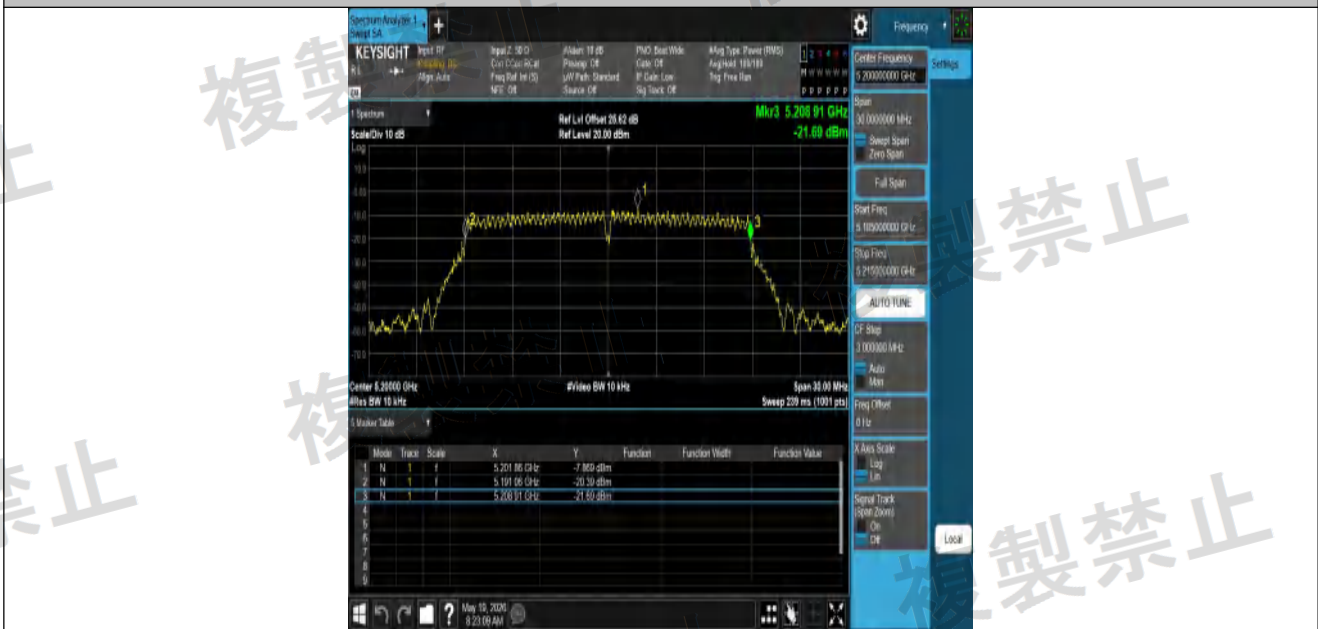
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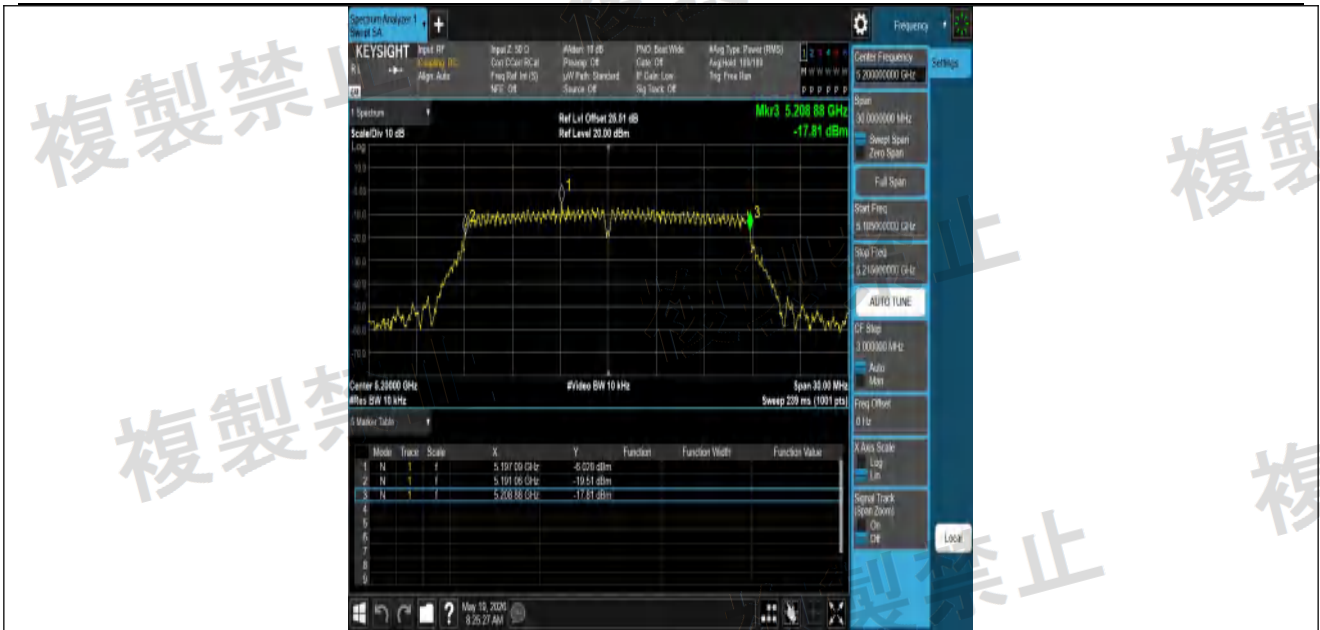
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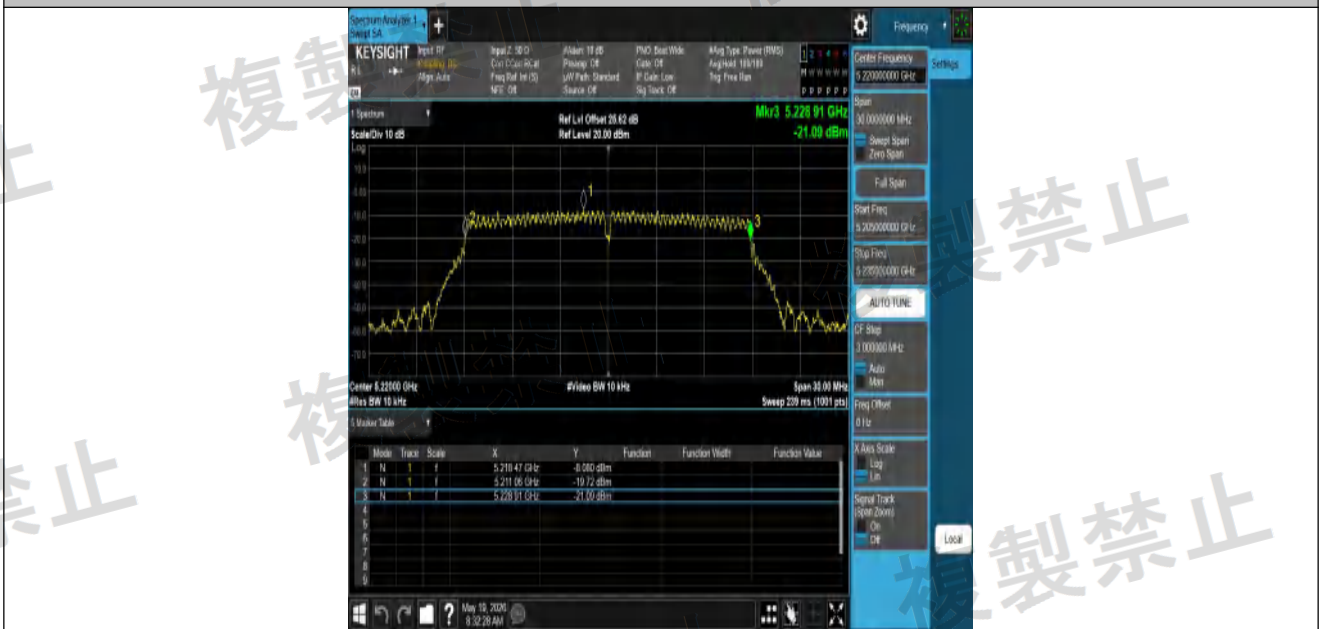
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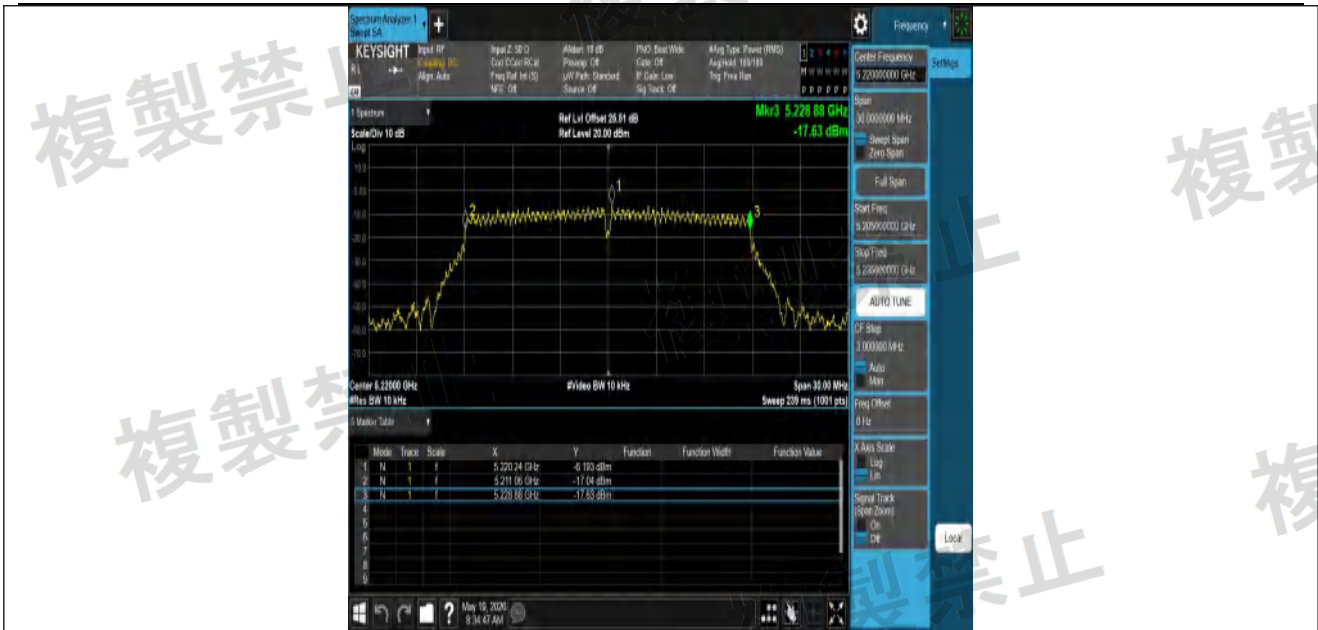
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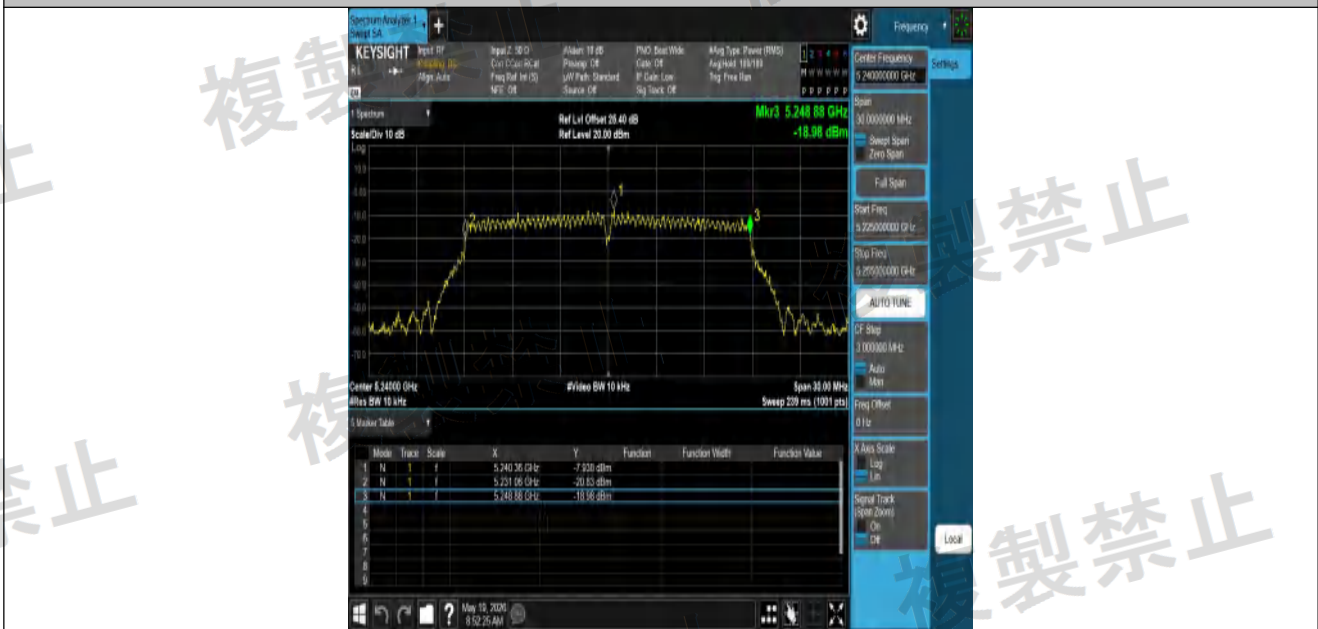
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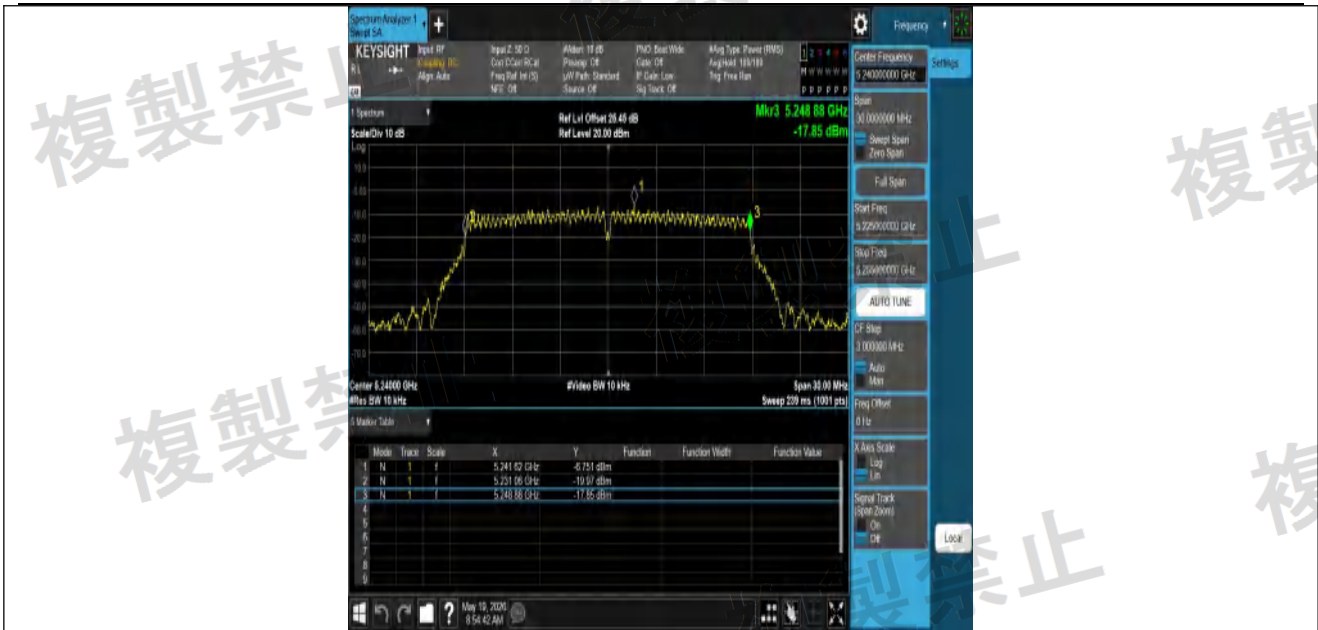
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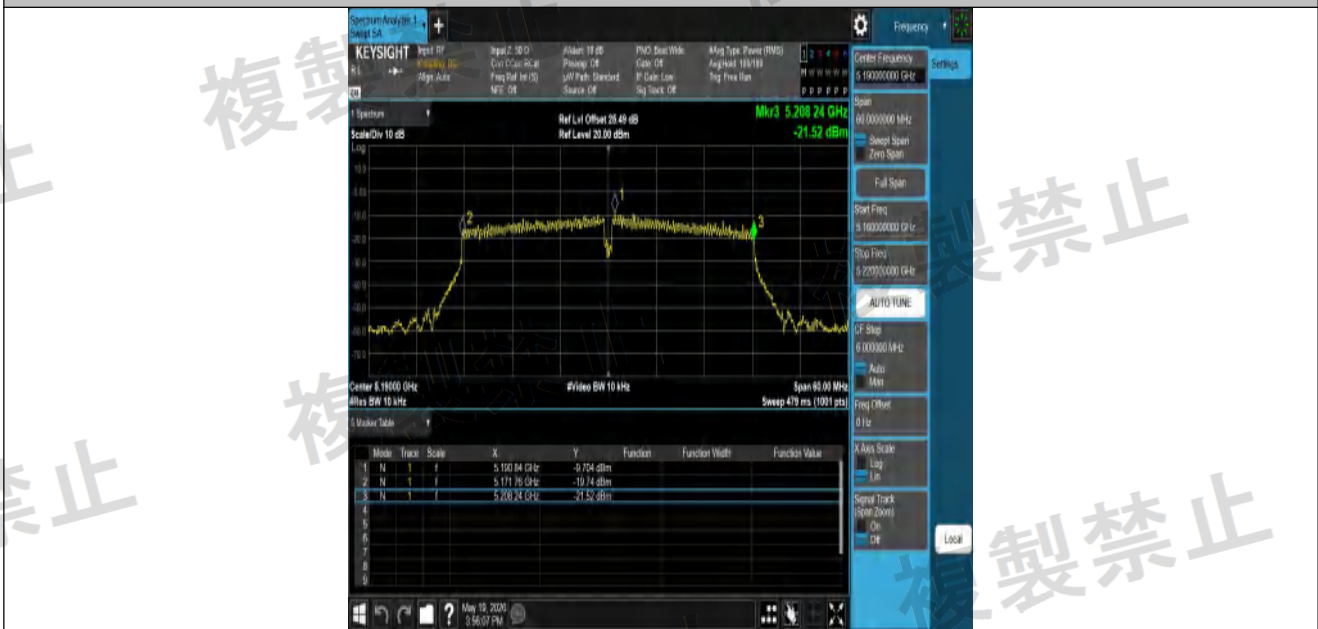
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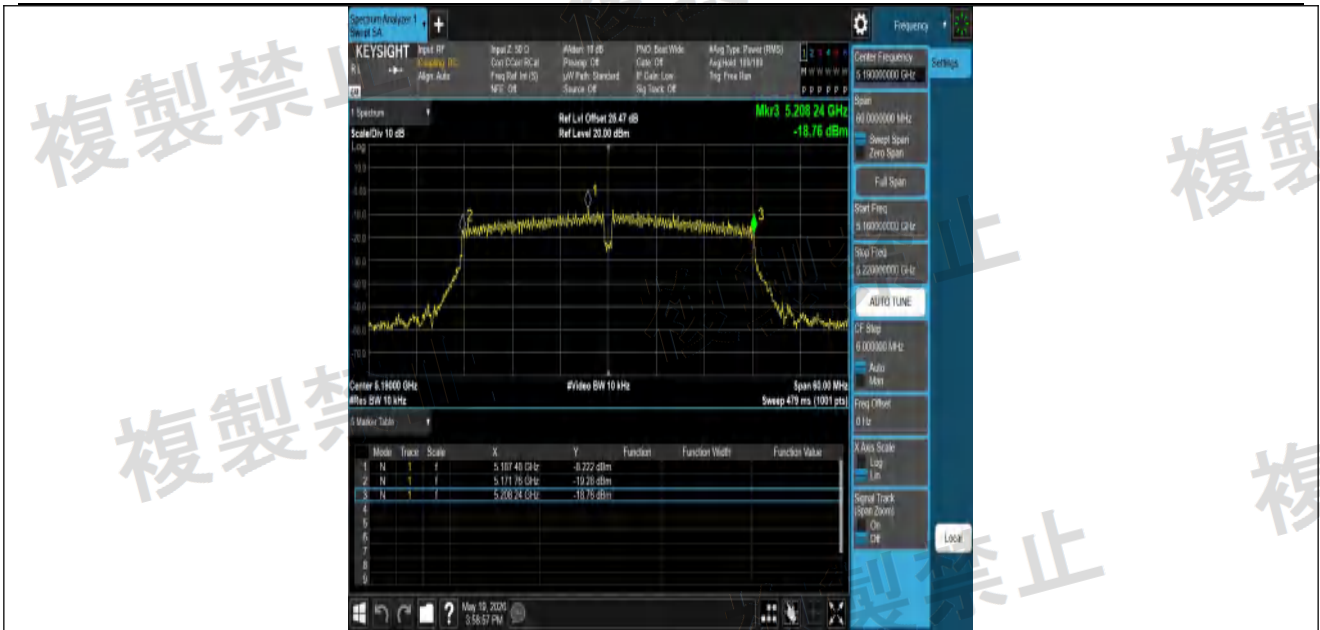
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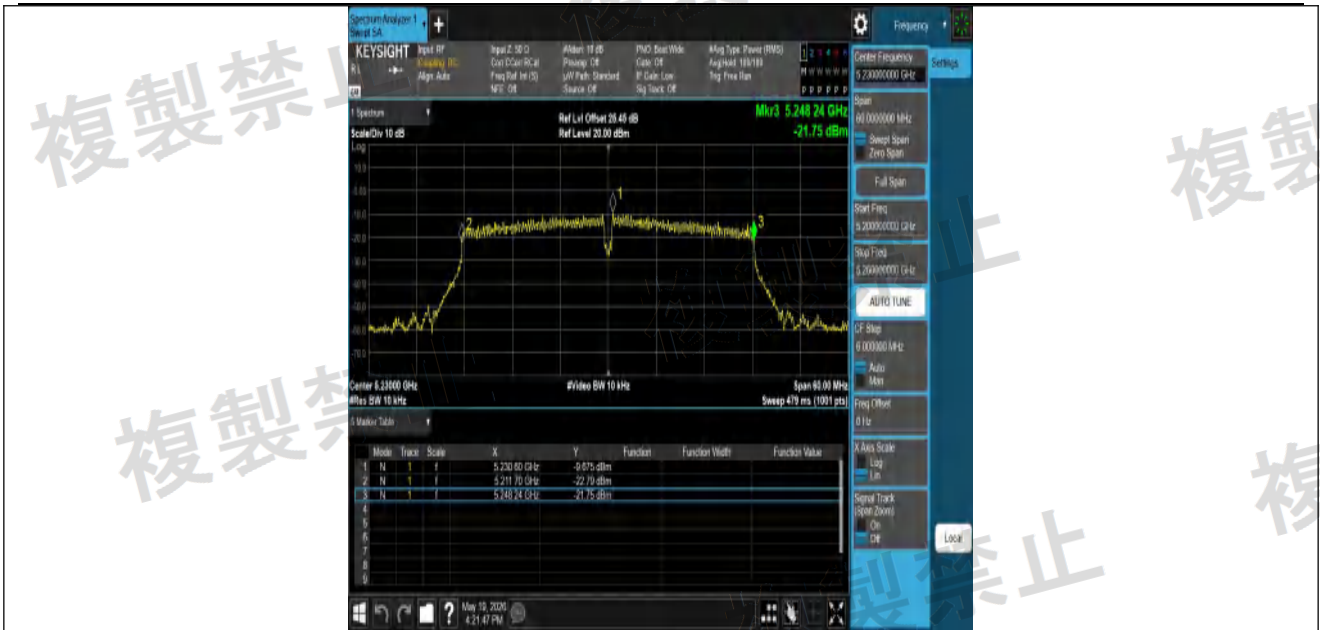
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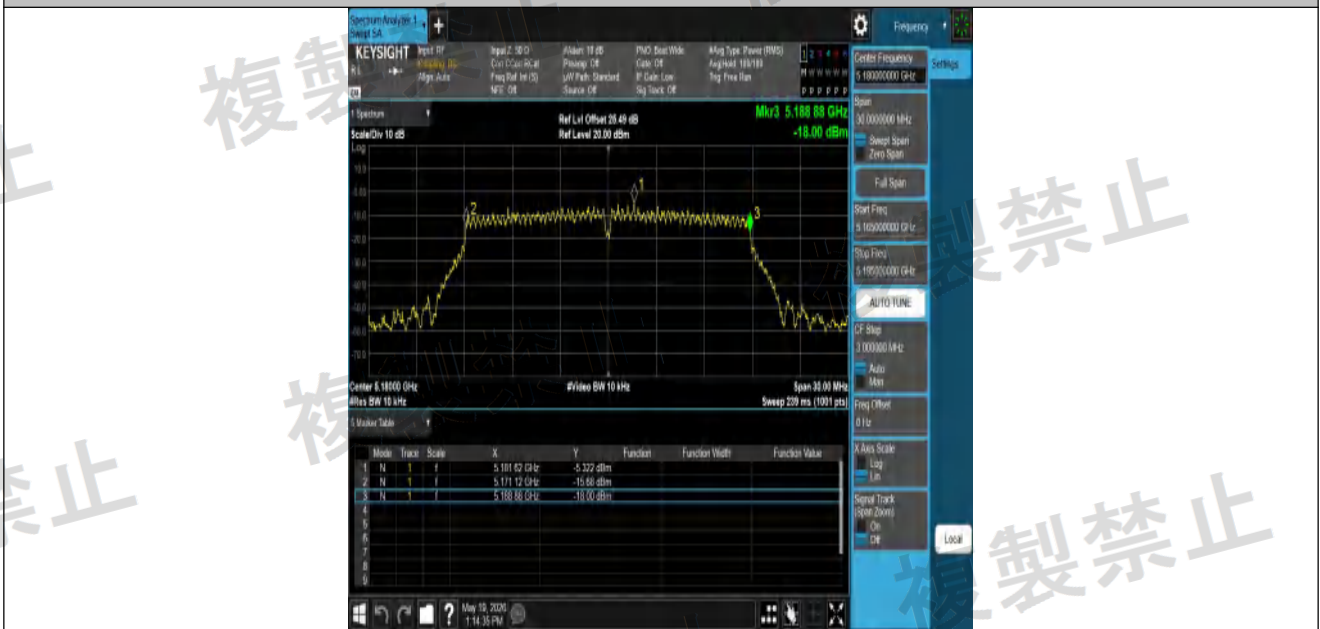
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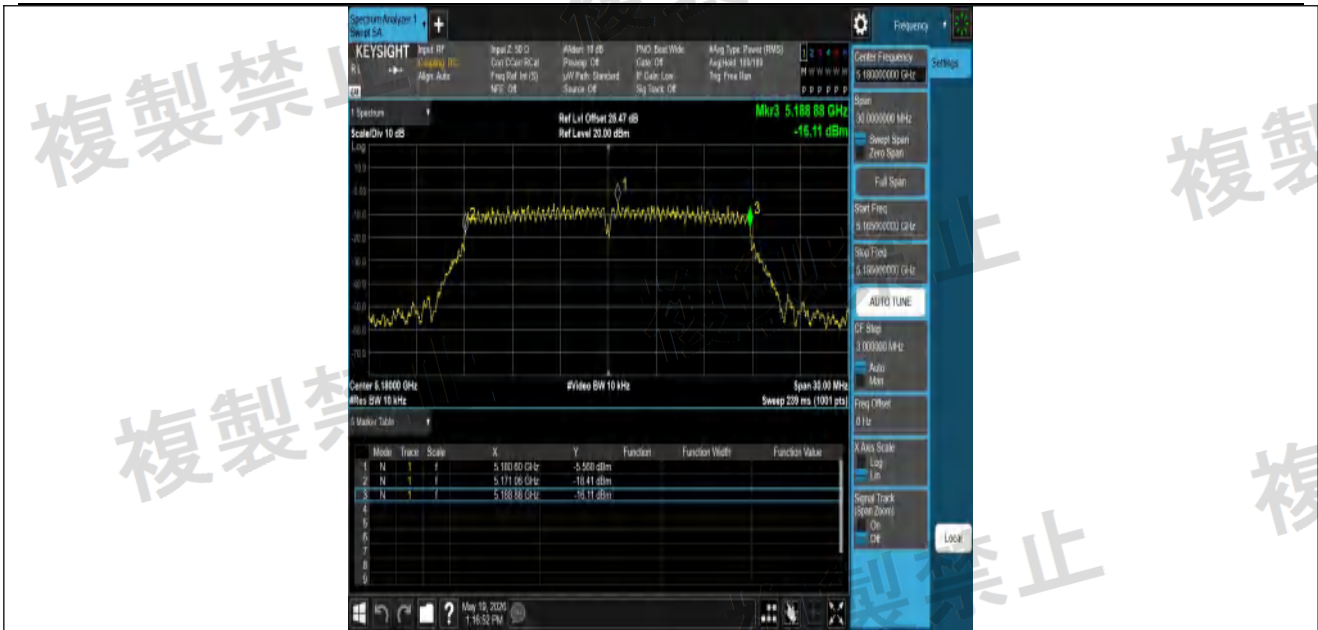
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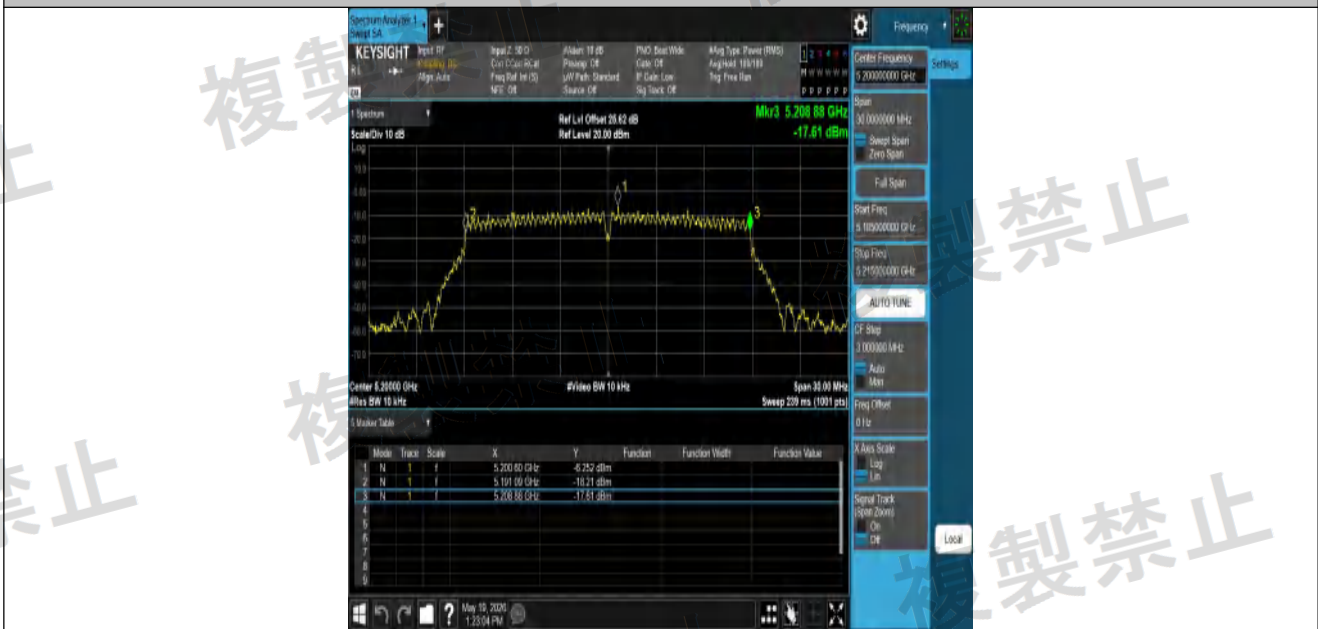
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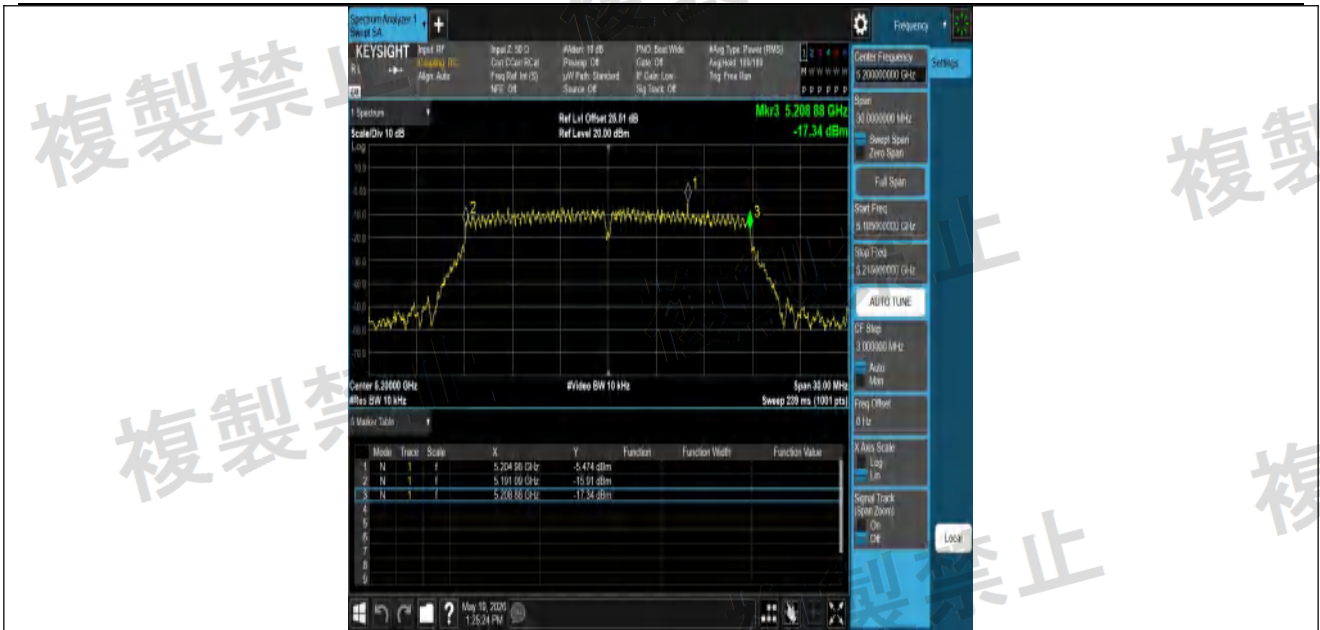
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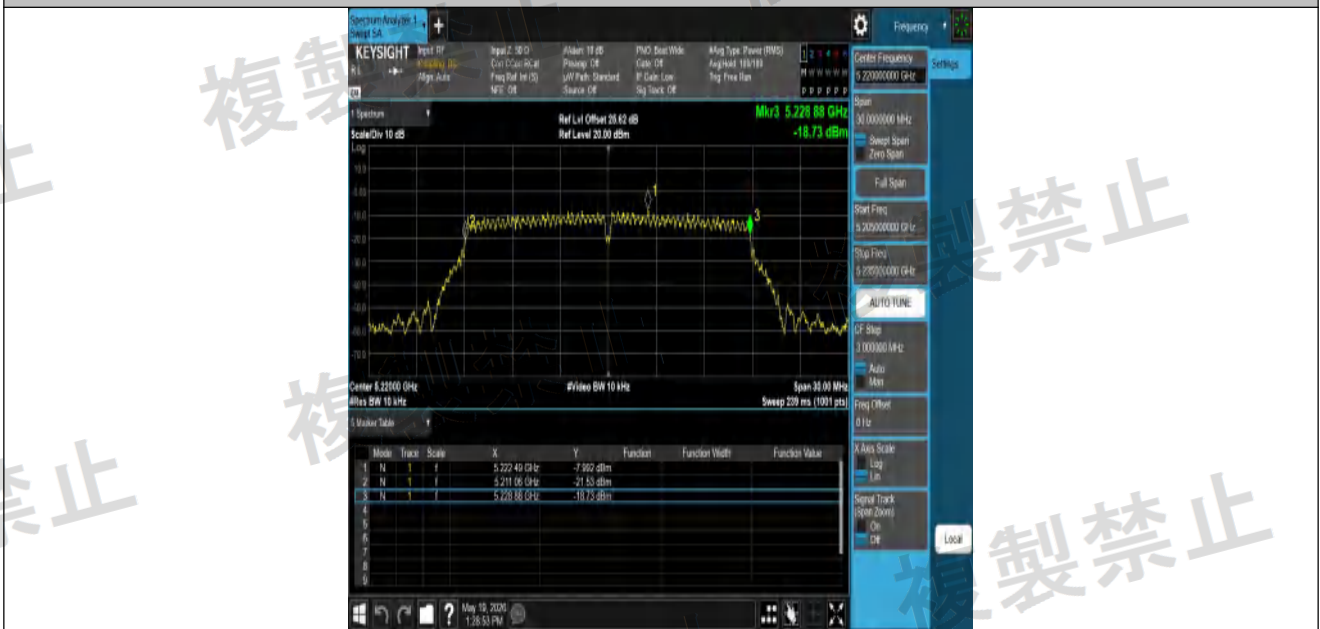
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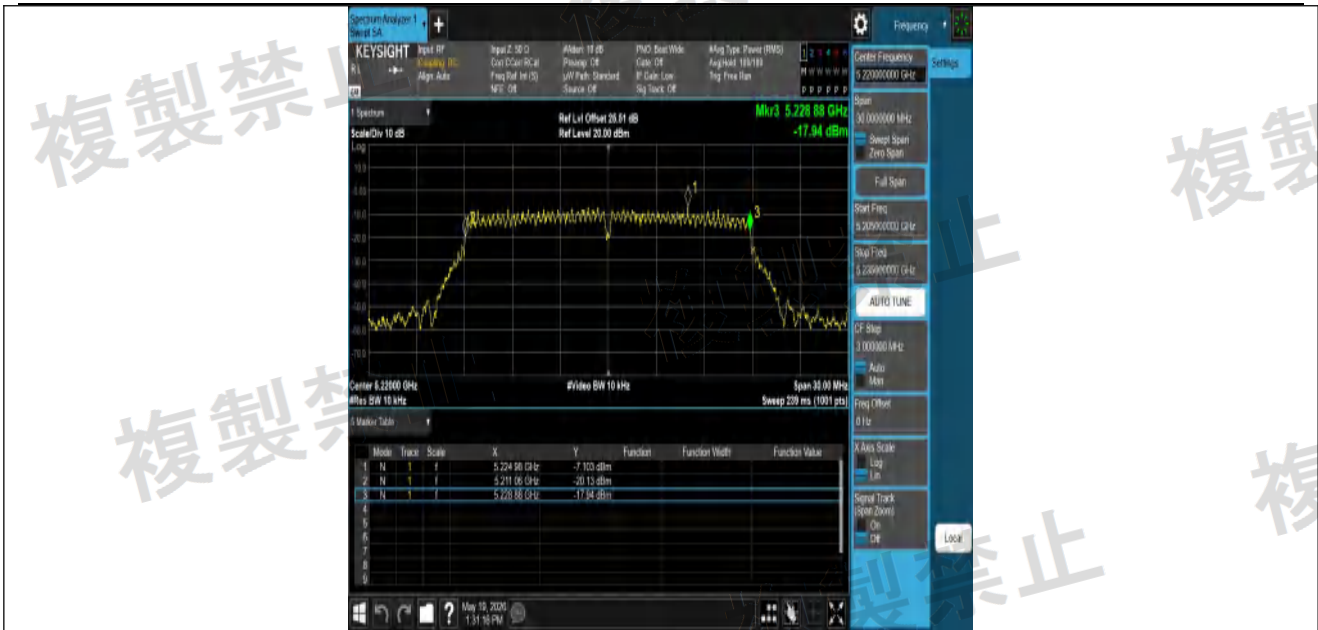
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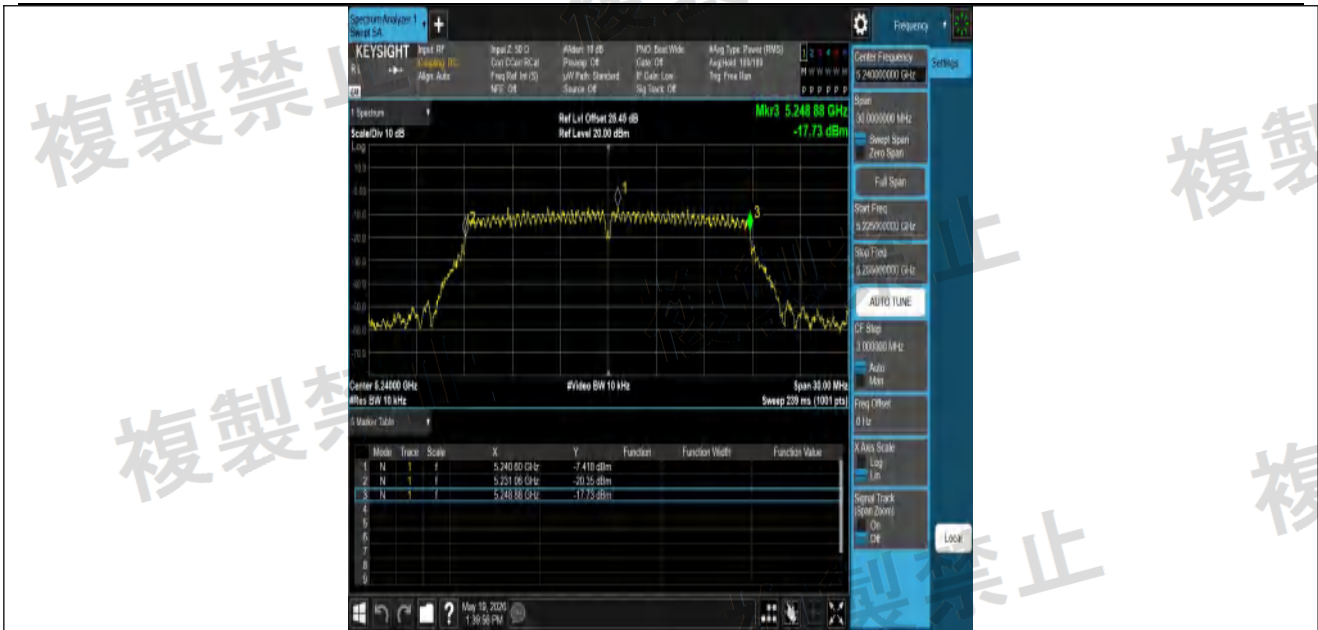
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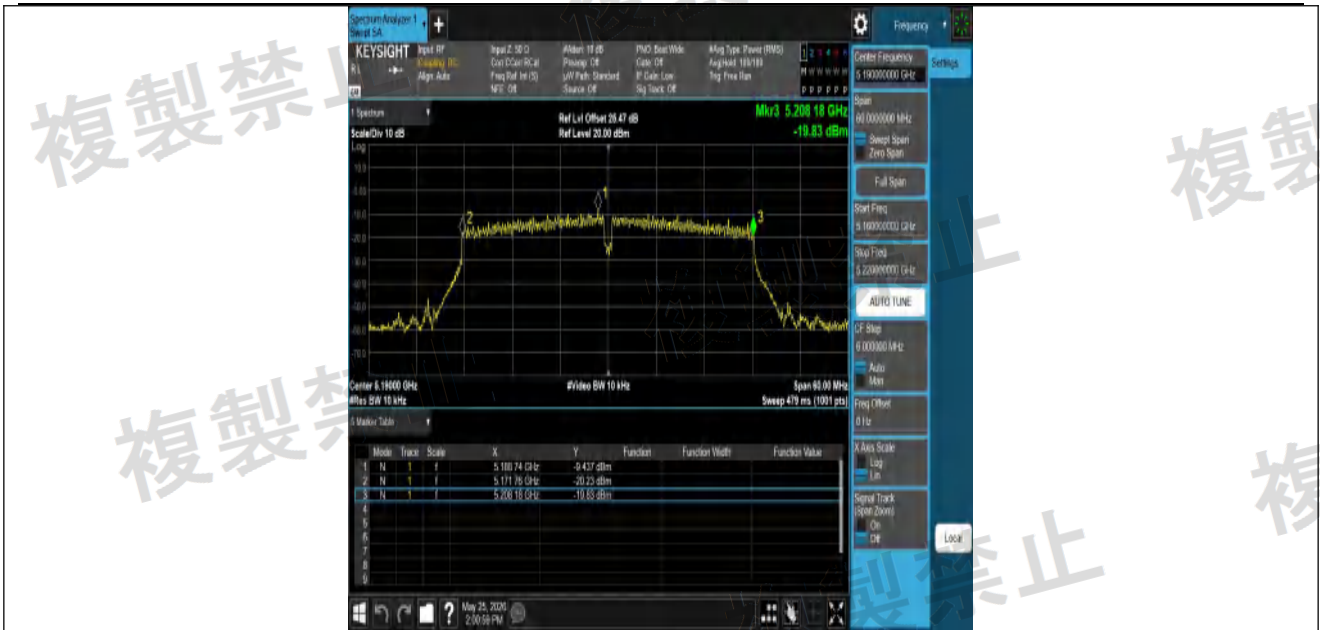
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NTNV-11AC20MIMO-Ant2-5240-PASS



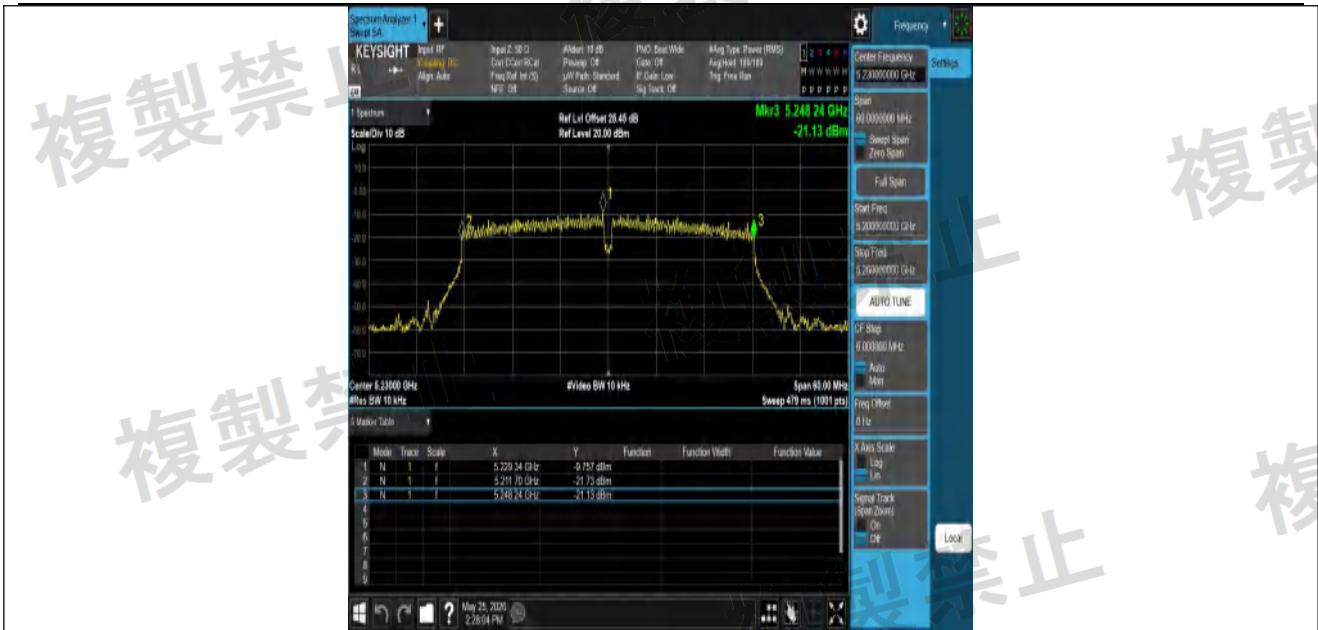
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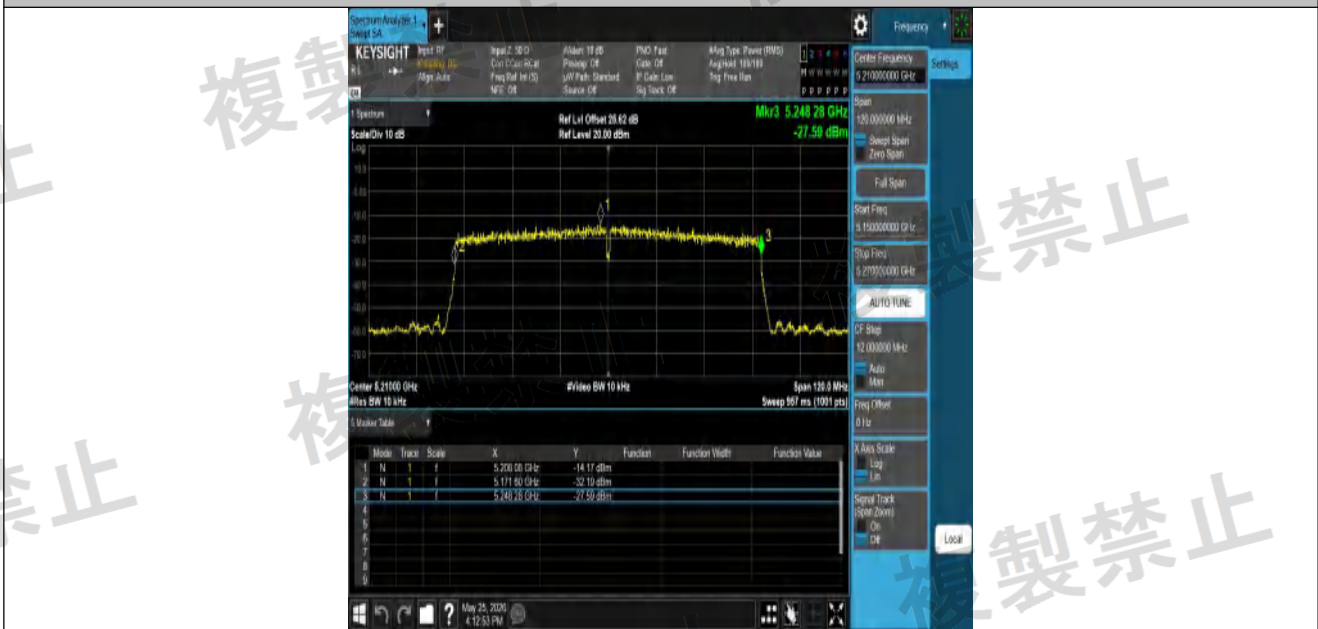
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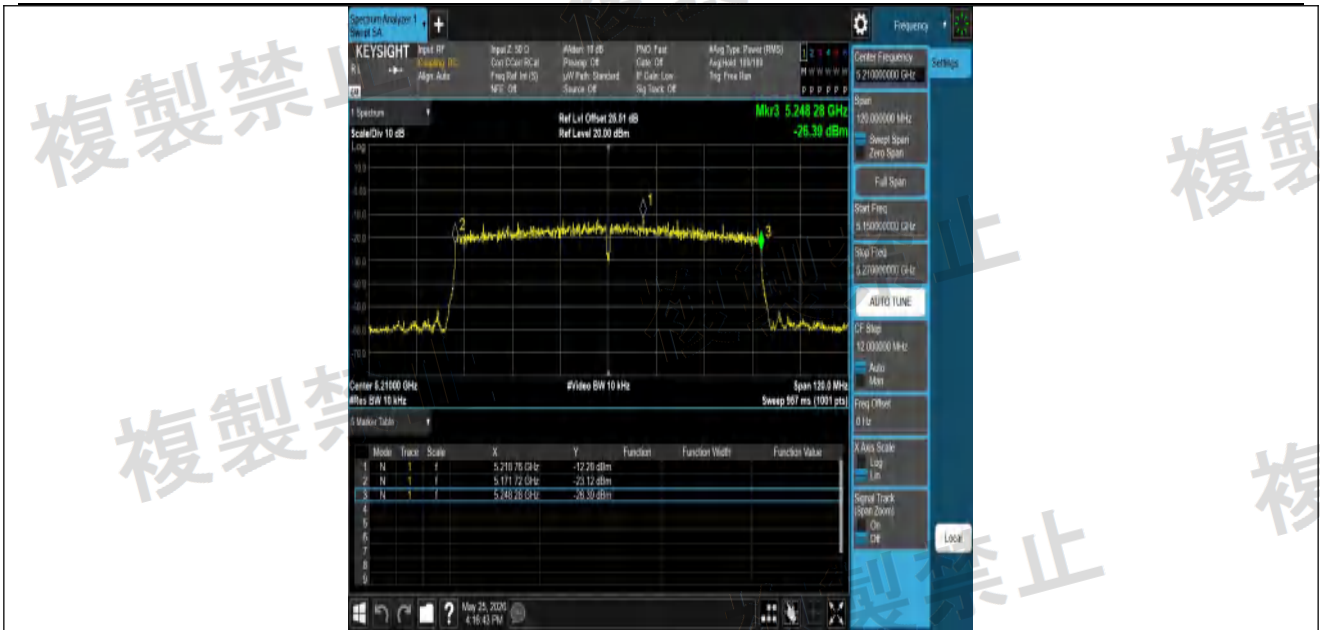
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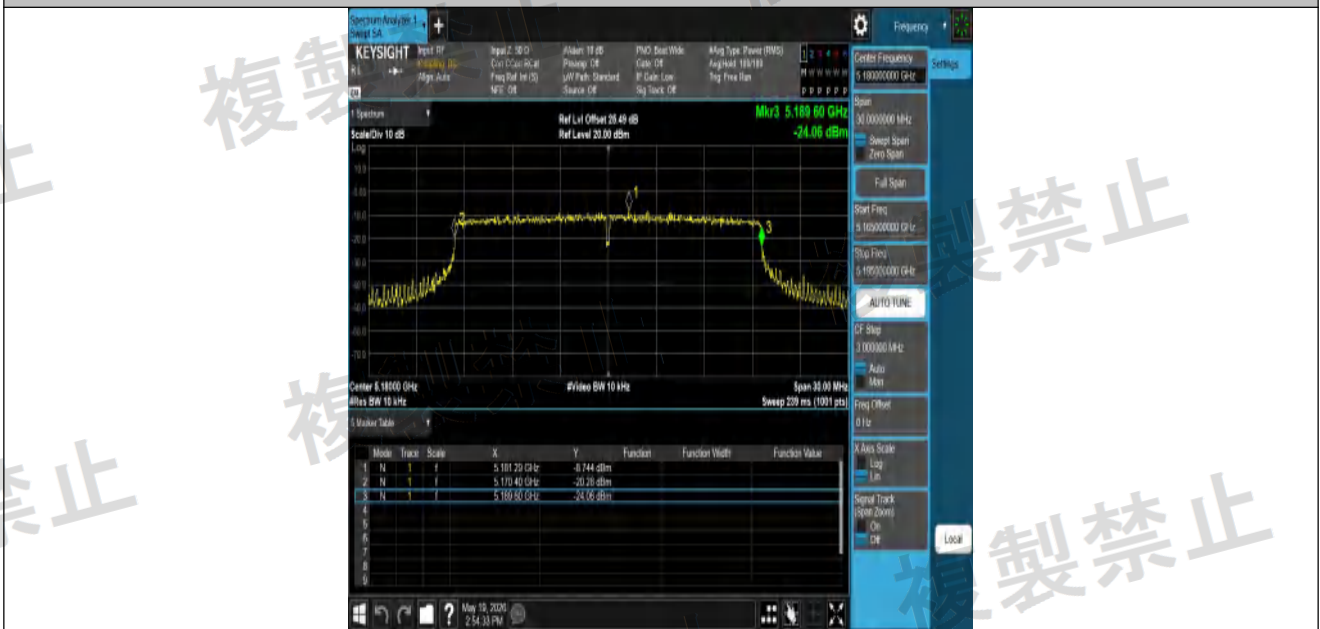
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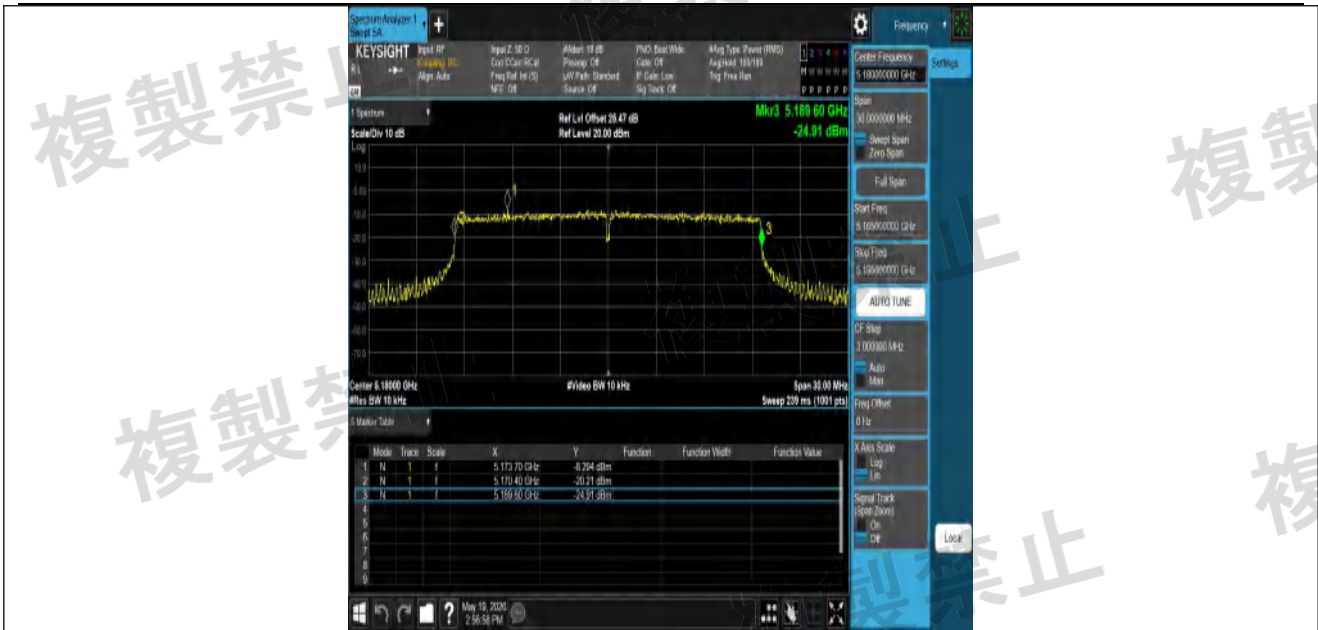
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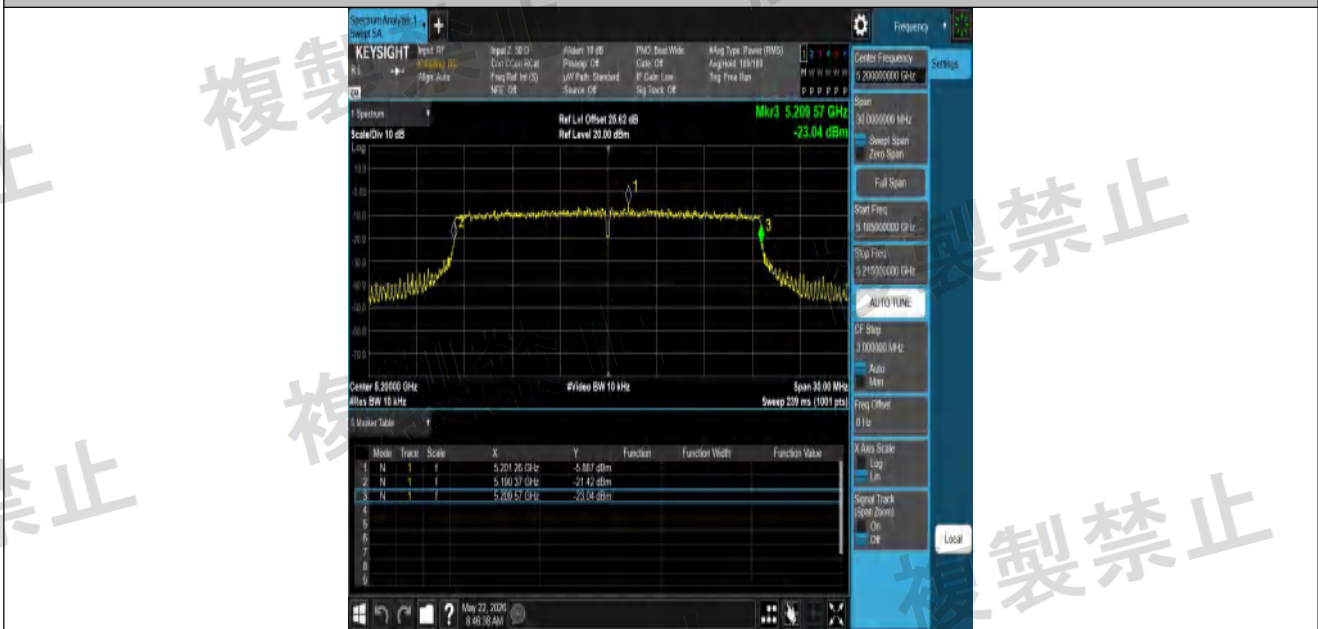
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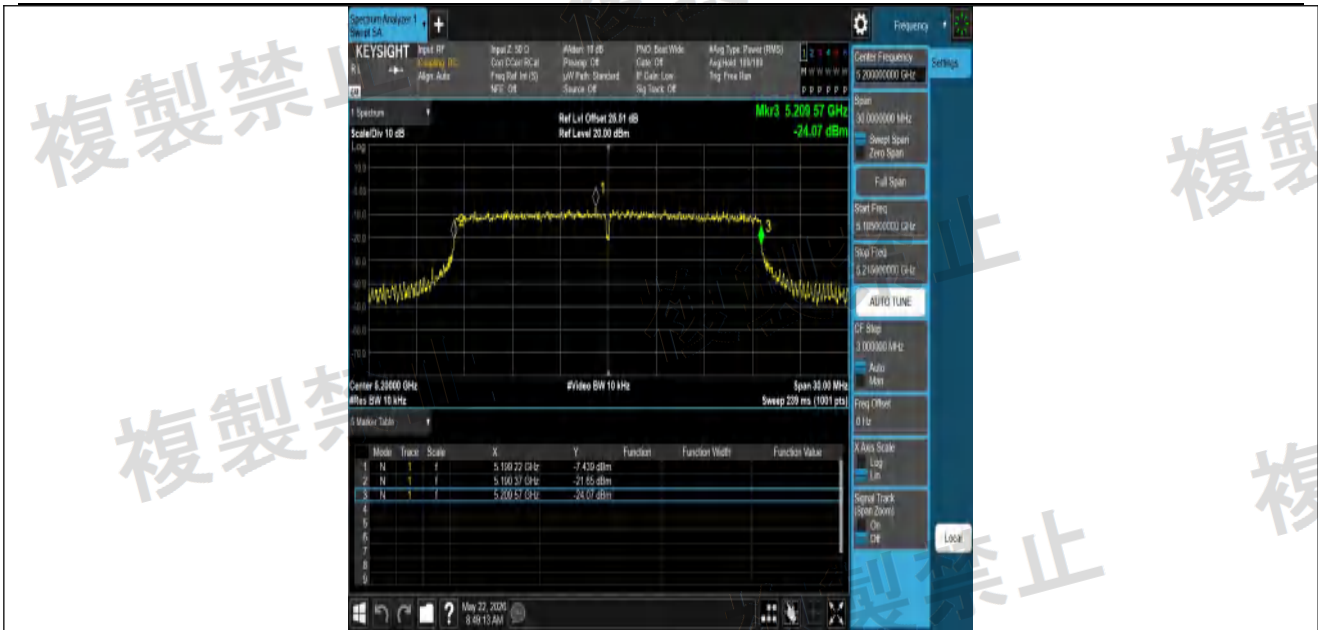
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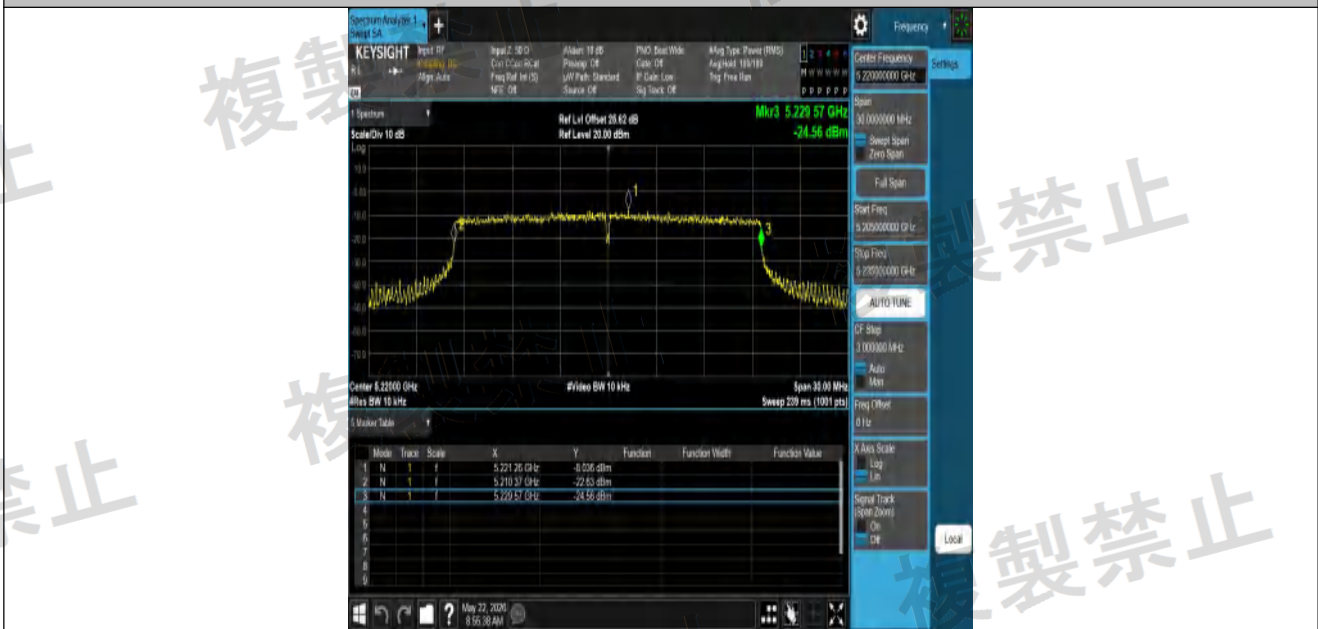
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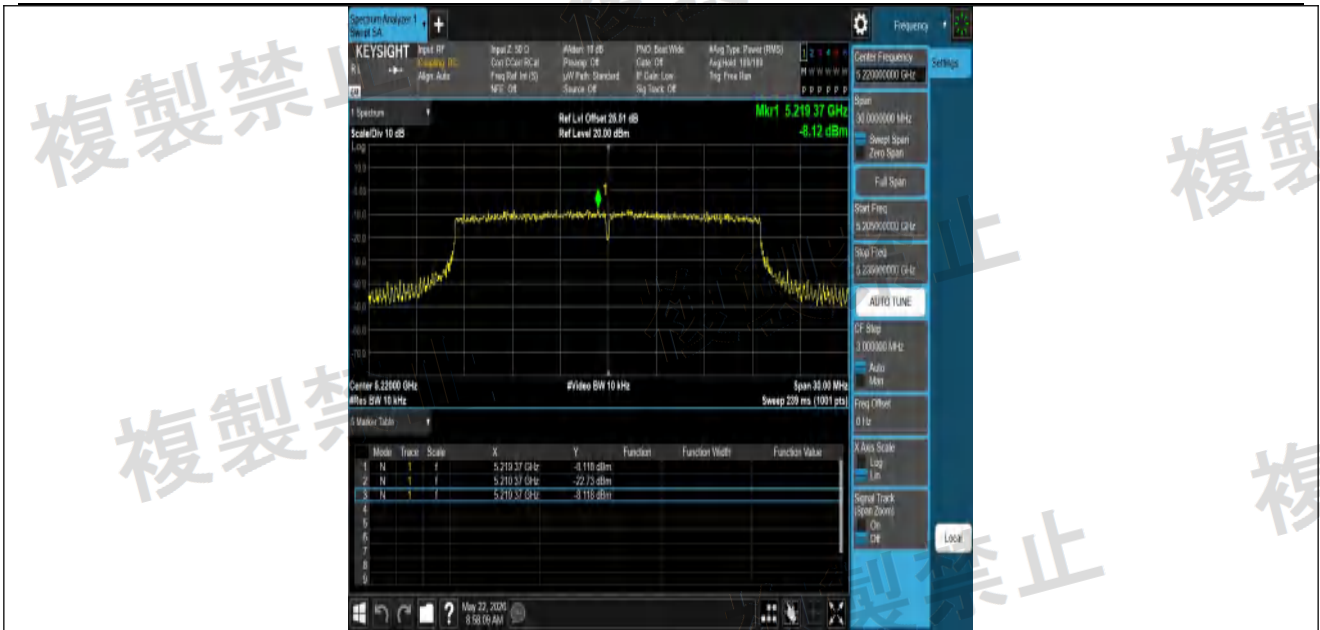
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NTNV-11AX20MIMO-Ant2-5200-PASS



NTNV-11AX20MIMO-Ant1-5220-PASS



NTNV-11AX20MIMO-Ant2-5220-PASS



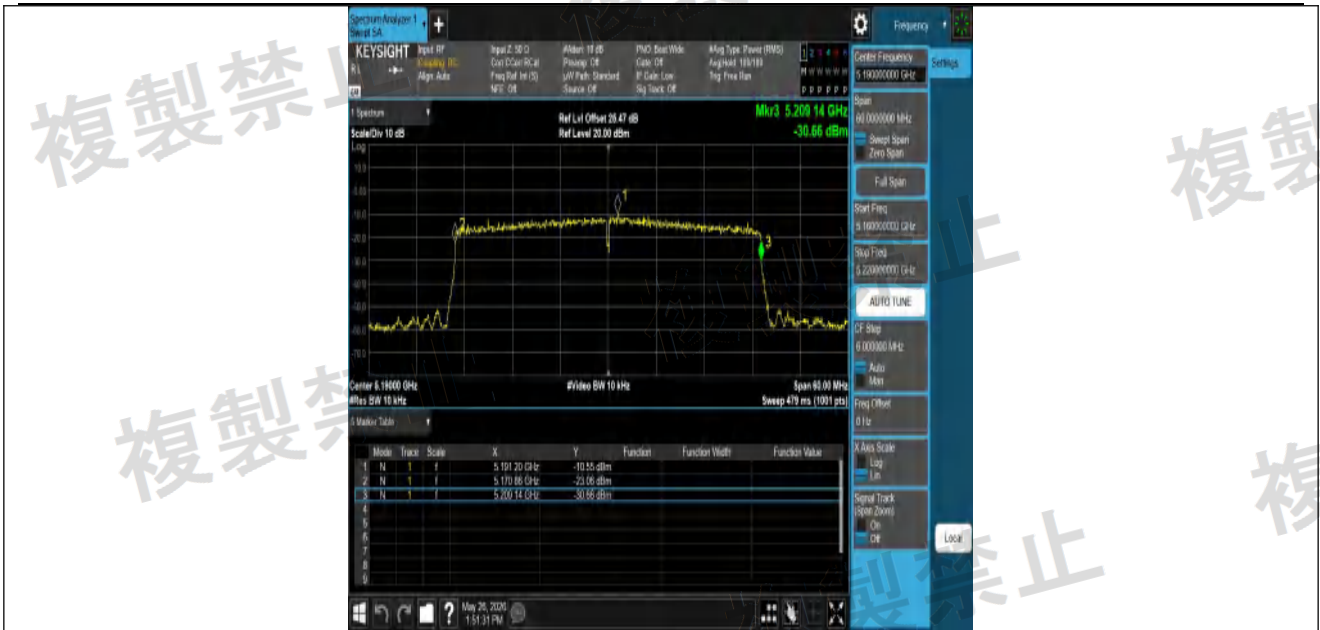
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NTNV-11AX20MIMO-Ant2-5240-PASS



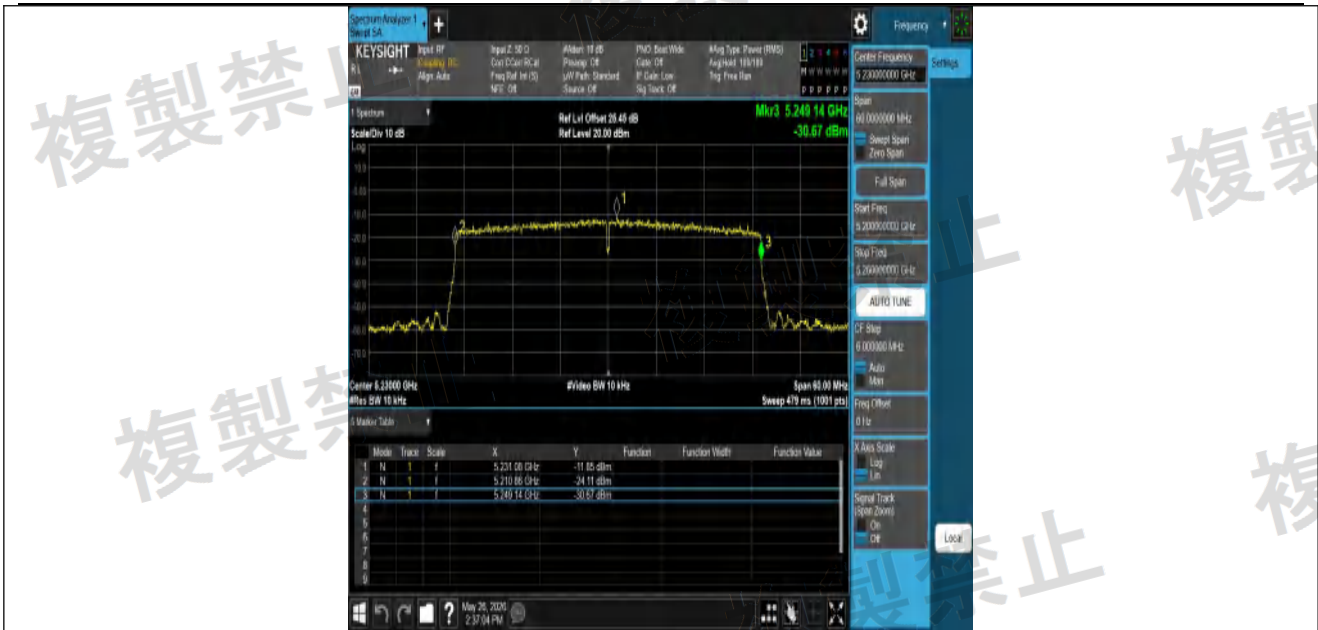
NTNV-11AX40MIMO-Ant1-5190-PASS



NTNV-11AX40MIMO-Ant2-5190-PASS



NTNV-11AX40MIMO-Ant1-5230-PASS



NTNV-11AX40MIMO-Ant2-5230-PASS



NTNV-11AX80MIMO-Ant1-5210-PASS



NTNV-11AX80MIMO-Ant2-5210-PASS

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3.2 Antenna Power and E.I.R.P

LIMIT

- $DS \leq 10 \text{ mW/MHz}$
- Other $\leq 10 \text{ mW}$
- OFDM:
 - a. OBW 20MHz system: for $\leq 10 \text{ mW/MHz}$
 - b. OBW 40MHz system: for $\leq 5 \text{ mW/MHz}$
 - c. OBW 80MHz system: for $\leq 2.5 \text{ mW/MHz}$
 - d. OBW 160MHz system: for $\leq 1.25 \text{ mW/MHz}$

E.I.R.P

Band 1

- a. OBW 20MHz system: for $\leq 10 \text{ mW/MHz}$
- b. OBW 40MHz system: for $\leq 5 \text{ mW/MHz}$
- c. OBW 80MHz system: for $\leq 2.5 \text{ mW/MHz}$
- d. OBW 160MHz system: for $\leq 1.25 \text{ mW/MHz}$

The Output Power Tolerance must be within:

- a) Band 1: $-80\% \sim +20\%$.

TEST CONFIGURATION



TEST PROCEDURE

Step 1:

Connect the EUT to the spectrum analyzer as TEST CONFIGURATION and use the following settings:

- Centre Frequency: The center frequency of the channel under test.
- RBW: 1 MHz
- VBW: 1 MHz
- Span: Wide enough to cover the complete power envelope of the signal of the EUT.
- Detector: Peak
- Trace Mode: Max Hold

Step 2:

When the trace is complete, find the peak value of the power envelope and record the frequency.

Step 3:

Use the Band Power function of spectrum analyzer to measure the Antenna power.

TEST RESULTS

TestCondition	TestMode	Antenna	Frequency[MHz]	Result[dBm]	Result(mW)	Limit(mW)	Verdict
NTNV	11A SISO	Ant1	5180	4.20	2.6303	≤10	PASS
NTNV	11A SISO	Ant2	5180	4.34	2.7164	≤10	PASS
NTNV	11A SISO	Ant1	5200	4.61	2.8907	≤10	PASS
NTNV	11A SISO	Ant2	5200	4.49	2.8119	≤10	PASS
NTNV	11A SISO	Ant1	5220	4.14	2.5942	≤10	PASS
NTNV	11A SISO	Ant2	5220	4.26	2.6669	≤10	PASS
NTNV	11A SISO	Ant1	5240	3.88	2.4434	≤10	PASS
NTNV	11A SISO	Ant2	5240	4.23	2.6485	≤10	PASS
NTNV	11N20MIMO	Ant1	5180	0.94	1.2417	≤10	PASS
NTNV	11N20MIMO	Ant2	5180	1.83	1.5241	≤10	PASS
NTNV	11N20MIMO	total	5180	4.42	2.7658	≤10	PASS
NTNV	11N20MIMO	Ant1	5200	0.94	1.2417	≤10	PASS
NTNV	11N20MIMO	Ant2	5200	1.74	1.4928	≤10	PASS
NTNV	11N20MIMO	total	5200	4.37	2.7345	≤10	PASS
NTNV	11N20MIMO	Ant1	5220	0.21	1.0495	≤10	PASS
NTNV	11N20MIMO	Ant2	5220	0.88	1.2246	≤10	PASS
NTNV	11N20MIMO	total	5220	3.57	2.2741	≤10	PASS
NTNV	11N20MIMO	Ant1	5240	-4.50	0.3548	≤10	PASS
NTNV	11N20MIMO	Ant2	5240	-3.60	0.4365	≤10	PASS
NTNV	11N20MIMO	total	5240	-1.02	0.7913	≤10	PASS
NTNV	11N40MIMO	Ant1	5190	-1.97	0.6353	≤5	PASS
NTNV	11N40MIMO	Ant2	5190	-0.79	0.8337	≤5	PASS
NTNV	11N40MIMO	total	5190	1.67	1.4690	≤5	PASS
NTNV	11N40MIMO	Ant1	5230	-2.94	0.5082	≤5	PASS
NTNV	11N40MIMO	Ant2	5230	-1.83	0.6561	≤5	PASS
NTNV	11N40MIMO	total	5230	0.66	1.1643	≤5	PASS
NTNV	11AC20MIMO	Ant1	5180	0.83	1.2106	≤10	PASS
NTNV	11AC20MIMO	Ant2	5180	1.59	1.4421	≤10	PASS
NTNV	11AC20MIMO	total	5180	4.24	2.6527	≤10	PASS
NTNV	11AC20MIMO	Ant1	5200	0.76	1.1912	≤10	PASS
NTNV	11AC20MIMO	Ant2	5200	1.33	1.3583	≤10	PASS
NTNV	11AC20MIMO	total	5200	4.06	2.5495	≤10	PASS
NTNV	11AC20MIMO	Ant1	5220	0.22	1.0520	≤10	PASS
NTNV	11AC20MIMO	Ant2	5220	1.08	1.2823	≤10	PASS
NTNV	11AC20MIMO	total	5220	3.68	2.3343	≤10	PASS
NTNV	11AC20MIMO	Ant2	5240	-3.71	0.4256	≤10	PASS
NTNV	11AC20MIMO	total	5240	-0.92	0.8093	≤10	PASS
NTNV	11AC20MIMO	Ant1	5240	-4.16	0.3837	≤10	PASS
NTNV	11AC40MIMO	Ant1	5190	-1.98	0.6339	≤5	PASS
NTNV	11AC40MIMO	Ant2	5190	-1.60	0.6918	≤5	PASS

NTNV	11AC40MIMO	total	5190	1.22	1.3257	≤5	PASS
NTNV	11AC40MIMO	Ant1	5230	-3.19	0.4797	≤5	PASS
NTNV	11AC40MIMO	Ant2	5230	-2.20	0.6026	≤5	PASS
NTNV	11AC40MIMO	total	5230	0.34	1.0823	≤5	PASS
NTNV	11AC80MIMO	Ant1	5210	-4.36	0.3664	≤2.5	PASS
NTNV	11AC80MIMO	Ant2	5210	-4.26	0.3750	≤2.5	PASS
NTNV	11AC80MIMO	total	5210	-1.30	0.7414	≤2.5	PASS
NTNV	11AX20MIMO	Ant1	5180	-2.98	0.5035	≤10	PASS
NTNV	11AX20MIMO	Ant2	5180	1.51	1.4158	≤10	PASS
NTNV	11AX20MIMO	total	5180	2.83	1.9193	≤10	PASS
NTNV	11AX20MIMO	Ant1	5200	1.49	1.4093	≤10	PASS
NTNV	11AX20MIMO	Ant2	5200	0.84	1.2134	≤10	PASS
NTNV	11AX20MIMO	total	5200	4.19	2.6227	≤10	PASS
NTNV	11AX20MIMO	Ant1	5220	0.15	1.0351	≤10	PASS
NTNV	11AX20MIMO	Ant2	5220	0.73	1.1830	≤10	PASS
NTNV	11AX20MIMO	total	5220	3.46	2.2181	≤10	PASS
NTNV	11AX20MIMO	Ant1	5240	-4.67	0.3412	≤10	PASS
NTNV	11AX20MIMO	Ant2	5240	-3.90	0.4074	≤10	PASS
NTNV	11AX20MIMO	total	5240	-1.26	0.7486	≤10	PASS
NTNV	11AX40MIMO	Ant1	5190	-2.23	0.5984	≤5	PASS
NTNV	11AX40MIMO	Ant2	5190	-1.49	0.7096	≤5	PASS
NTNV	11AX40MIMO	total	5190	1.17	1.3080	≤5	PASS
NTNV	11AX40MIMO	Ant1	5230	-2.85	0.5188	≤5	PASS
NTNV	11AX40MIMO	Ant2	5230	-2.96	0.5058	≤5	PASS
NTNV	11AX40MIMO	total	5230	0.11	1.0246	≤5	PASS
NTNV	11AX80MIMO	Ant1	5210	-4.68	0.3404	≤2.5	PASS
NTNV	11AX80MIMO	Ant2	5210	-3.73	0.4236	≤2.5	PASS
NTNV	11AX80MIMO	total	5210	-1.17	0.7640	≤2.5	PASS

Test Condition	Test Mode	Antenna	Frequency[MHz]	Power (mW)	RatedPower (mW)	Result (%)	Limit (%)	Verdict
NTNV	11A	Ant1	5180	2.6303	10	-73.70	-80 to +20	PASS
NTNV	11A	Ant2	5180	2.7164	10	-72.84	-80 to +20	PASS
NTNV	11A	Ant1	5200	2.8907	10	-71.09	-80 to +20	PASS
NTNV	11A	Ant2	5200	2.8119	10	-71.88	-80 to +20	PASS
NTNV	11A	Ant1	5220	2.6002	10	-74.00	-80 to +20	PASS
NTNV	11A	Ant2	5220	2.6669	10	-73.33	-80 to +20	PASS
NTNV	11A	Ant1	5240	2.4434	10	-75.57	-80 to +20	PASS
NTNV	11A	Ant2	5240	2.6485	10	-73.52	-80 to +20	PASS
NTNV	11N20MIMO	total	5180	2.7658	10	-72.31	-80 to +20	PASS
NTNV	11N20MIMO	total	5200	2.7345	10	-72.66	-80 to +20	PASS
NTNV	11N20MIMO	total	5220	2.2741	10	-77.26	-80 to +20	PASS
NTNV	11N20MIMO	total	5240	0.7913	2	-60.44	-80 to +20	PASS
NTNV	11N40MIMO	total	5190	1.4690	5	-70.62	-80 to +20	PASS

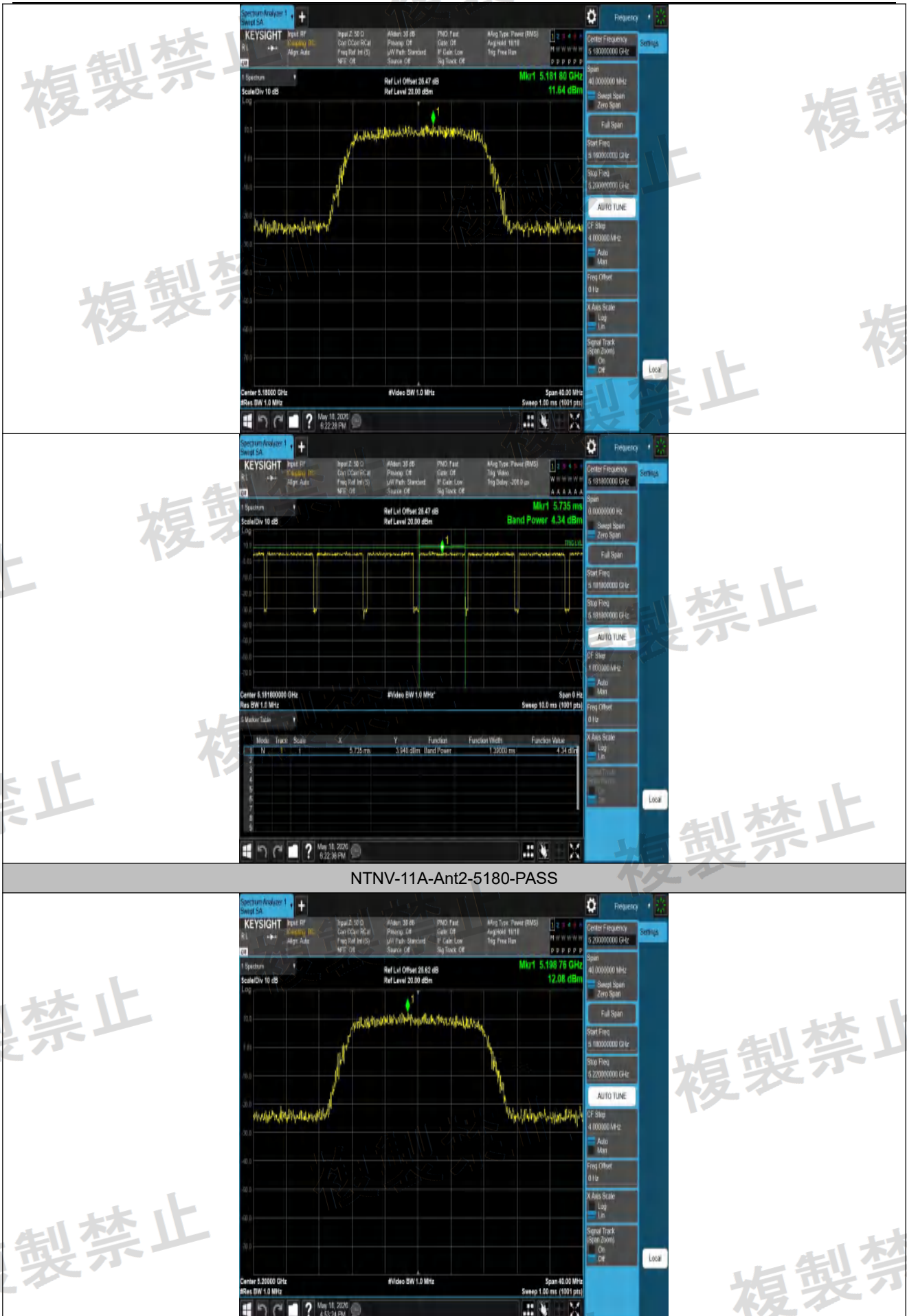
NTNV	11N40MIMO	total	5230	1.1643	5	-76.71	-80 to +20	PASS
NTNV	11AC20MIMO	total	5180	2.6527	10	-73.47	-80 to +20	PASS
NTNV	11AC20MIMO	total	5200	2.5495	10	-74.51	-80 to +20	PASS
NTNV	11AC20MIMO	total	5220	2.3343	10	-76.66	-80 to +20	PASS
NTNV	11AC20MIMO	total	5240	0.8093	2	-59.54	-80 to +20	PASS
NTNV	11AC40MIMO	total	5190	1.3257	5	-73.49	-80 to +20	PASS
NTNV	11AC40MIMO	total	5230	1.0823	5	-78.35	-80 to +20	PASS
NTNV	11AC80MIMO	total	5210	0.7414	2.5	-70.34	-80 to +20	PASS
NTNV	11AX20MIMO	total	5180	1.9193	8	-76.01	-80 to +20	PASS
NTNV	11AX20MIMO	total	5200	2.6227	10	-73.77	-80 to +20	PASS
NTNV	11AX20MIMO	total	5220	2.2181	10	-77.82	-80 to +20	PASS
NTNV	11AX20MIMO	total	5240	0.7486	2	-62.57	-80 to +20	PASS
NTNV	11AX40MIMO	total	5190	1.3080	5	-73.84	-80 to +20	PASS
NTNV	11AX40MIMO	total	5230	1.0246	5	-79.51	-80 to +20	PASS
NTNV	11AX80MIMO	total	5210	0.7640	2.5	-69.44	-80 to +20	PASS

TestCondition	TestMode	Antenna	Frequency[MHz]	Result(mW)	EIRP(mW)	Limit(mW)	Verdict
NTNV	11A	Ant1	5180	2.6303	8.3176	≤10	PASS
NTNV	11A	Ant2	5180	2.7164	8.5901	≤10	PASS
NTNV	11A	Ant1	5200	2.8907	9.1411	≤10	PASS
NTNV	11A	Ant2	5200	2.8119	8.8920	≤10	PASS
NTNV	11A	Ant1	5220	2.6002	8.2224	≤10	PASS
NTNV	11A	Ant2	5220	2.6669	8.4333	≤10	PASS
NTNV	11A	Ant1	5240	2.4434	7.7268	≤10	PASS
NTNV	11A	Ant2	5240	2.6485	8.3753	≤10	PASS
NTNV	11N20MIMO	Ant1	5180	1.2417	3.9264	≤10	PASS
NTNV	11N20MIMO	Ant2	5180	1.5276	4.8306	≤10	PASS
NTNV	11N20MIMO	total	5180	2.7658	8.7570	≤10	PASS
NTNV	11N20MIMO	Ant1	5200	1.2417	3.9264	≤10	PASS
NTNV	11N20MIMO	Ant2	5200	1.4928	4.7206	≤10	PASS
NTNV	11N20MIMO	total	5200	2.7345	8.6470	≤10	PASS
NTNV	11N20MIMO	Ant1	5220	1.0495	3.3189	≤10	PASS
NTNV	11N20MIMO	Ant2	5220	1.2246	3.8726	≤10	PASS
NTNV	11N20MIMO	total	5220	2.2741	7.1915	≤10	PASS
NTNV	11N20MIMO	Ant1	5240	0.3548	1.1220	≤10	PASS
NTNV	11N20MIMO	Ant2	5240	0.4365	1.3804	≤10	PASS
NTNV	11N20MIMO	total	5240	0.7913	2.5024	≤10	PASS
NTNV	11N40MIMO	Ant1	5190	0.6353	2.0091	≤5	PASS
NTNV	11N40MIMO	Ant2	5190	0.8337	2.6363	≤5	PASS
NTNV	11N40MIMO	total	5190	1.4690	4.6454	≤5	PASS
NTNV	11N40MIMO	Ant1	5230	0.5082	1.6069	≤5	PASS
NTNV	11N40MIMO	Ant2	5230	0.6561	2.0749	≤5	PASS
NTNV	11N40MIMO	total	5230	1.1643	3.6818	≤5	PASS
NTNV	11AC20MIMO	Ant1	5180	1.2106	3.8282	≤10	PASS

NTNV	11AC20MIMO	Ant2	5180	1.4421	4.5604	≤10	PASS
NTNV	11AC20MIMO	total	5180	2.6527	8.3886	≤10	PASS
NTNV	11AC20MIMO	Ant1	5200	1.1912	3.7670	≤10	PASS
NTNV	11AC20MIMO	Ant2	5200	1.3583	4.2954	≤10	PASS
NTNV	11AC20MIMO	total	5200	2.5495	8.0624	≤10	PASS
NTNV	11AC20MIMO	Ant1	5220	1.0520	3.3266	≤10	PASS
NTNV	11AC20MIMO	Ant2	5220	1.2823	4.0551	≤10	PASS
NTNV	11AC20MIMO	total	5220	2.3343	7.3817	≤10	PASS
NTNV	11AC20MIMO	Ant1	5240	0.3837	1.2134	≤10	PASS
NTNV	11AC20MIMO	Ant2	5240	0.4256	1.3459	≤10	PASS
NTNV	11AC20MIMO	total	5240	0.8093	2.5593	≤10	PASS
NTNV	11AC40MIMO	Ant1	5190	0.6339	2.0045	≤5	PASS
NTNV	11AC40MIMO	Ant2	5190	0.6918	2.1878	≤5	PASS
NTNV	11AC40MIMO	total	5190	1.3257	4.1923	≤5	PASS
NTNV	11AC40MIMO	Ant1	5230	0.4797	1.5171	≤5	PASS
NTNV	11AC40MIMO	Ant2	5230	0.6026	1.9055	≤5	PASS
NTNV	11AC40MIMO	total	5230	1.0823	3.4226	≤5	PASS
NTNV	11AC80MIMO	Ant1	5210	0.3664	1.1588	≤2.5	PASS
NTNV	11AC80MIMO	Ant2	5210	0.3750	1.1858	≤2.5	PASS
NTNV	11AC80MIMO	total	5210	0.7414	2.3446	≤2.5	PASS
NTNV	11AX20MIMO	Ant1	5180	0.5035	1.5922	≤10	PASS
NTNV	11AX20MIMO	Ant2	5180	1.4158	4.4771	≤10	PASS
NTNV	11AX20MIMO	total	5180	1.9193	6.0694	≤10	PASS
NTNV	11AX20MIMO	Ant1	5200	1.4093	4.4566	≤10	PASS
NTNV	11AX20MIMO	Ant2	5200	1.2134	3.8371	≤10	PASS
NTNV	11AX20MIMO	total	5200	2.6227	8.2937	≤10	PASS
NTNV	11AX20MIMO	Ant1	5220	1.0351	3.2734	≤10	PASS
NTNV	11AX20MIMO	Ant2	5220	1.1830	3.7411	≤10	PASS
NTNV	11AX20MIMO	total	5220	2.2181	7.0145	≤10	PASS
NTNV	11AX20MIMO	Ant1	5240	0.3412	1.0789	≤10	PASS
NTNV	11AX20MIMO	Ant2	5240	0.4074	1.2882	≤10	PASS
NTNV	11AX20MIMO	total	5240	0.7486	2.3671	≤10	PASS
NTNV	11AX40MIMO	Ant1	5190	0.5984	1.8923	≤5	PASS
NTNV	11AX40MIMO	Ant2	5190	0.7096	2.2439	≤5	PASS
NTNV	11AX40MIMO	total	5190	1.3080	4.1362	≤5	PASS
NTNV	11AX40MIMO	Ant1	5230	0.5188	1.6406	≤5	PASS
NTNV	11AX40MIMO	Ant2	5230	0.5058	1.5996	≤5	PASS
NTNV	11AX40MIMO	total	5230	1.0246	3.2402	≤5	PASS
NTNV	11AX80MIMO	Ant1	5210	0.3404	1.0765	≤2.5	PASS
NTNV	11AX80MIMO	Ant2	5210	0.4236	1.3397	≤2.5	PASS
NTNV	11AX80MIMO	total	5210	0.7640	2.4162	≤2.5	PASS

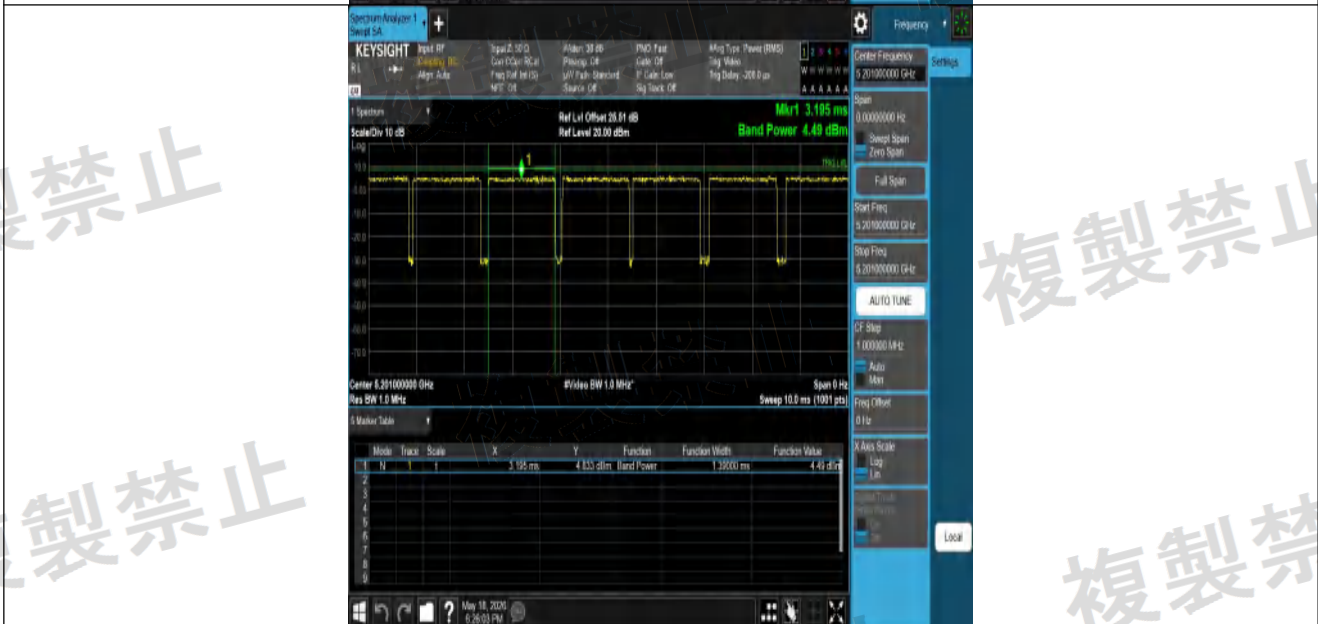
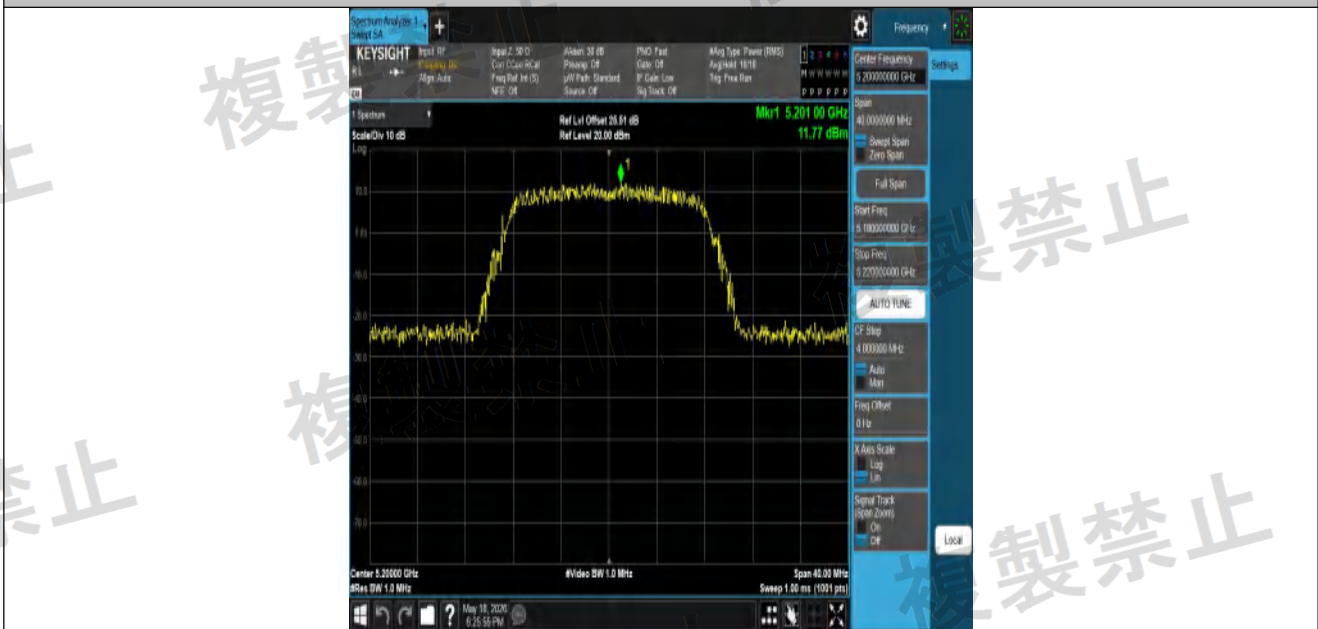
TEST GRAPHS

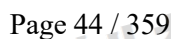


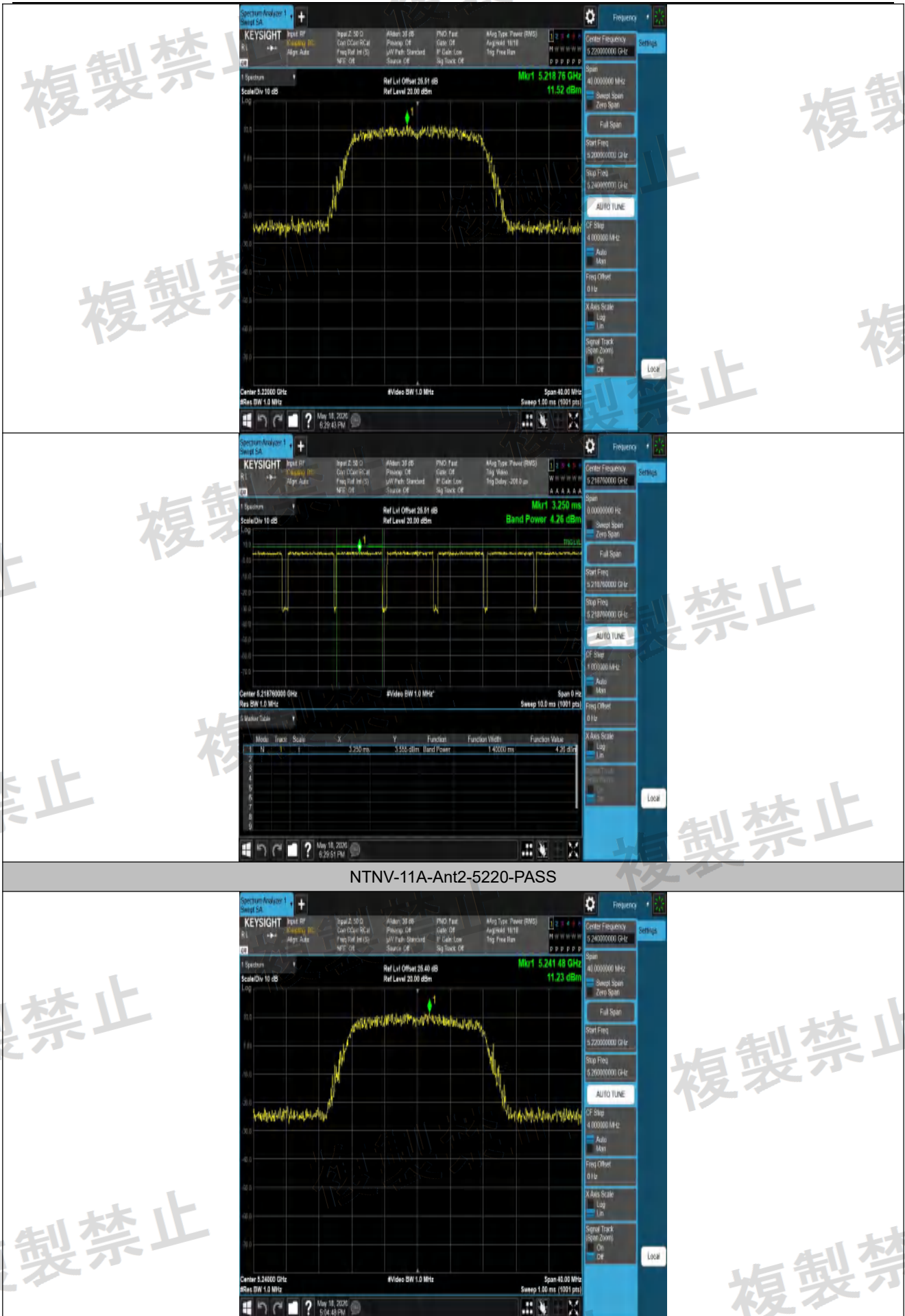




NTNV-11A-Ant1-5200-PASS

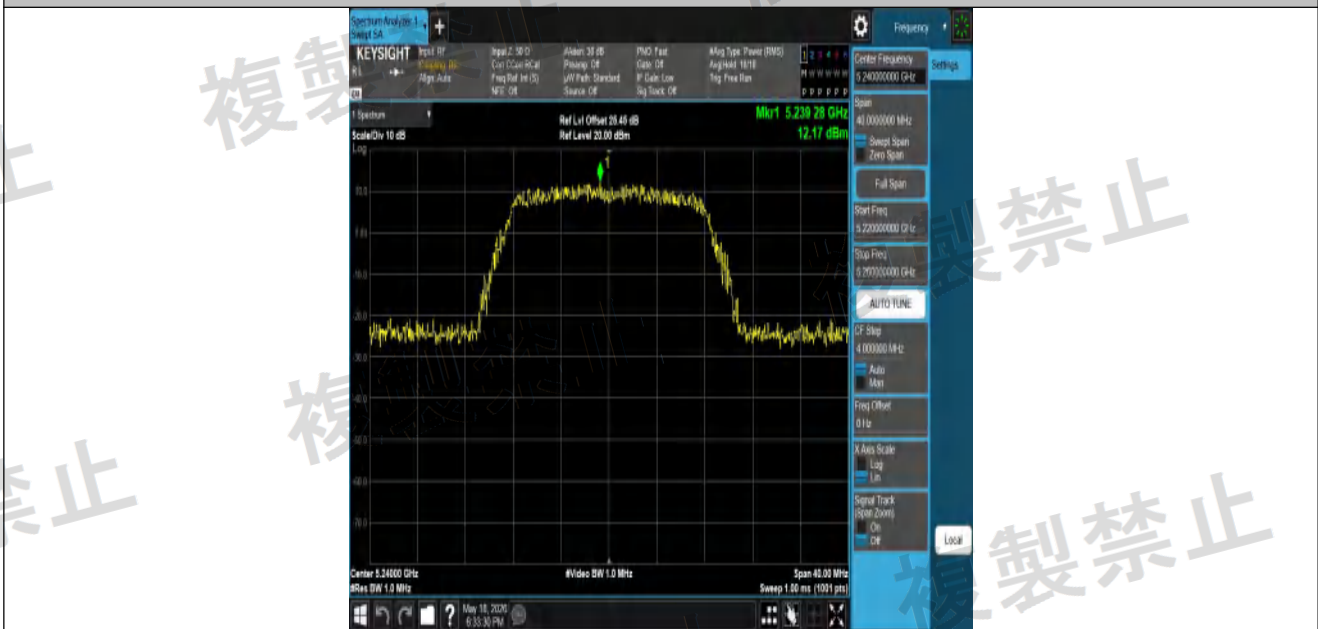




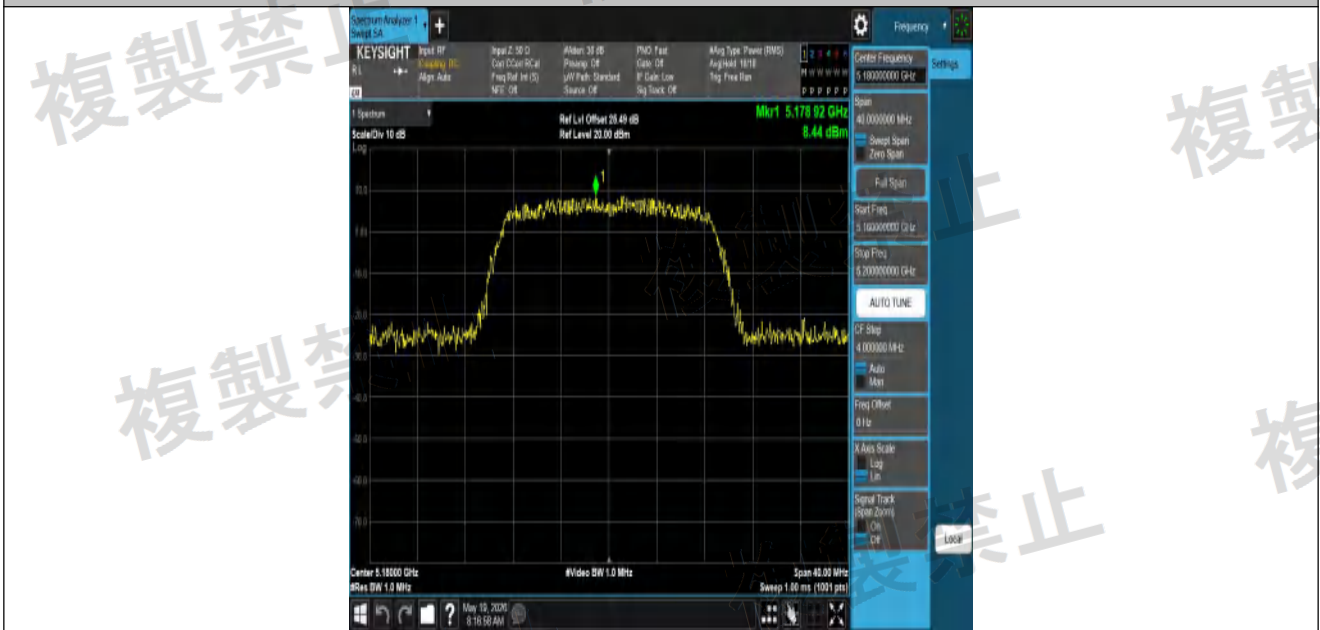




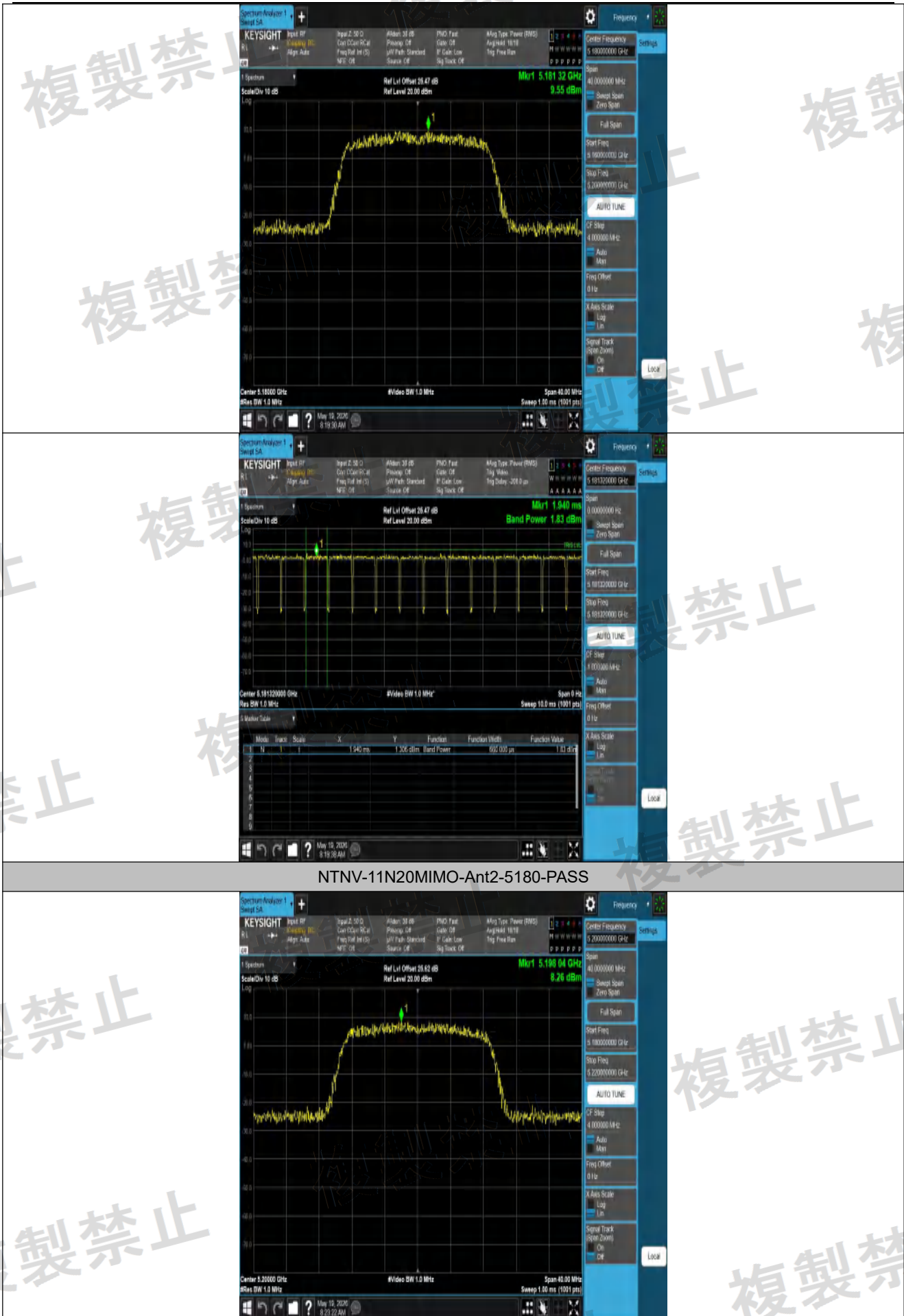
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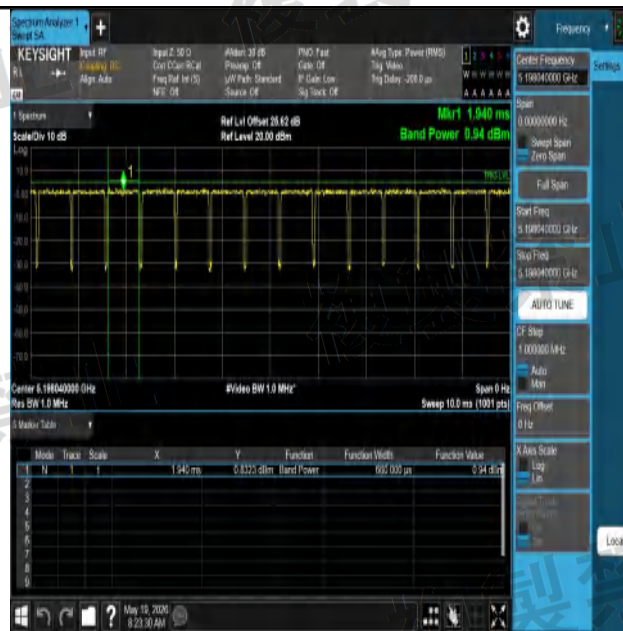


NTNV-11A-Ant2-5240-PASS

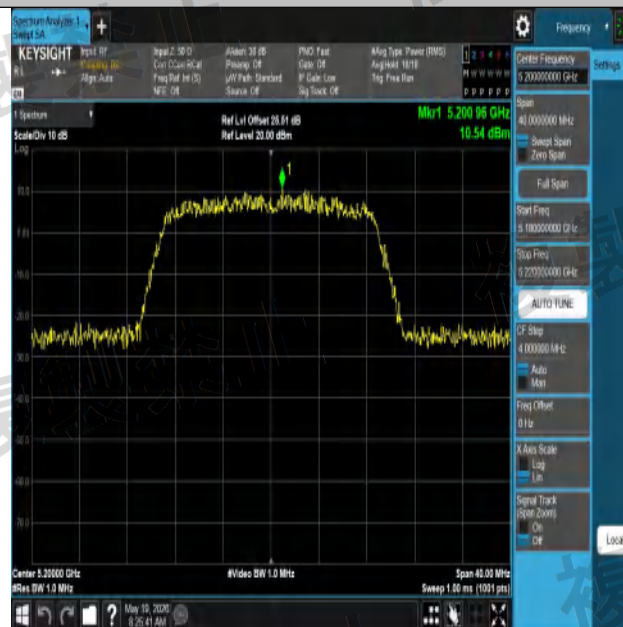


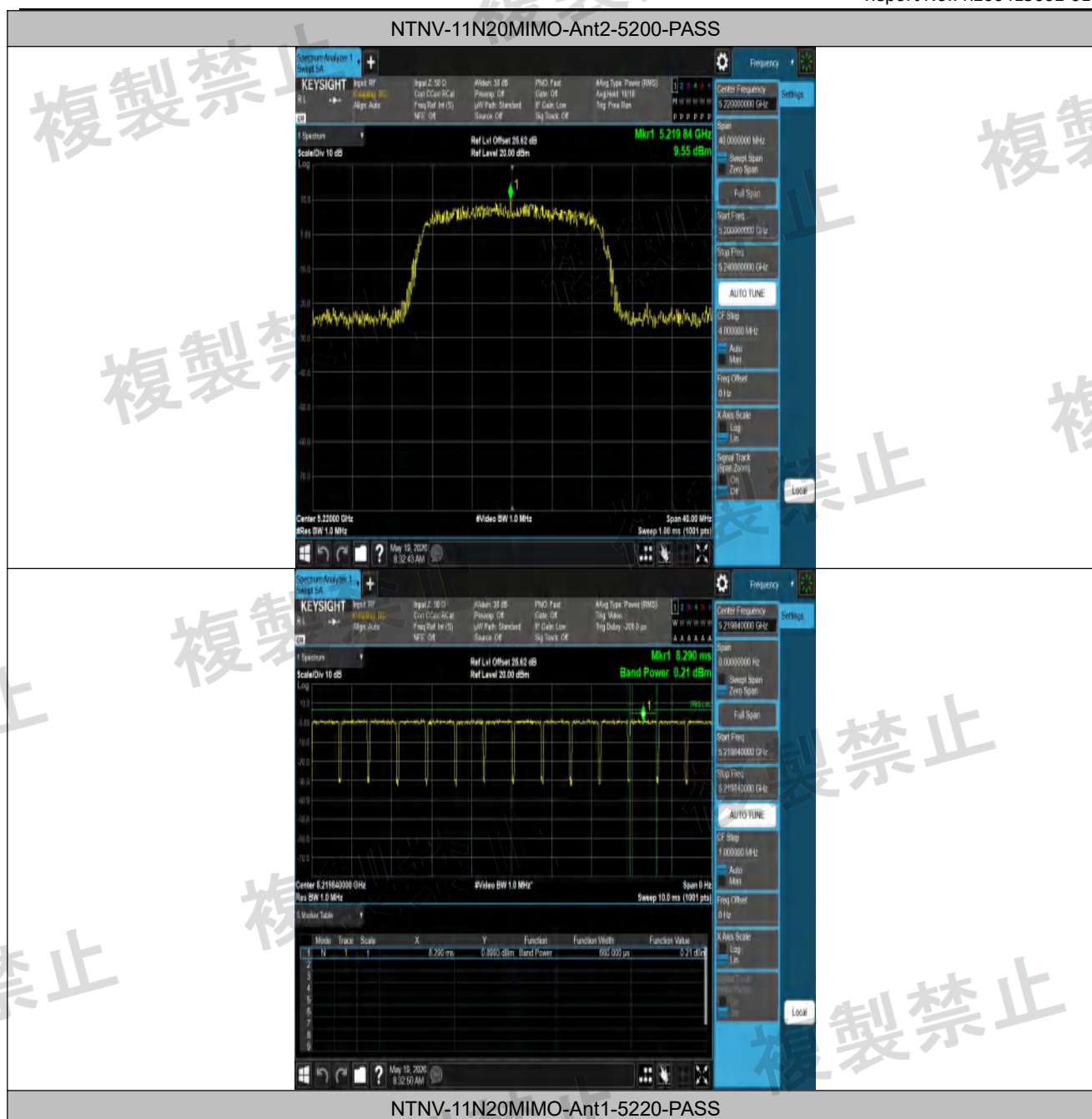
NTNV-11N20MIMO-Ant1-5180-PASS

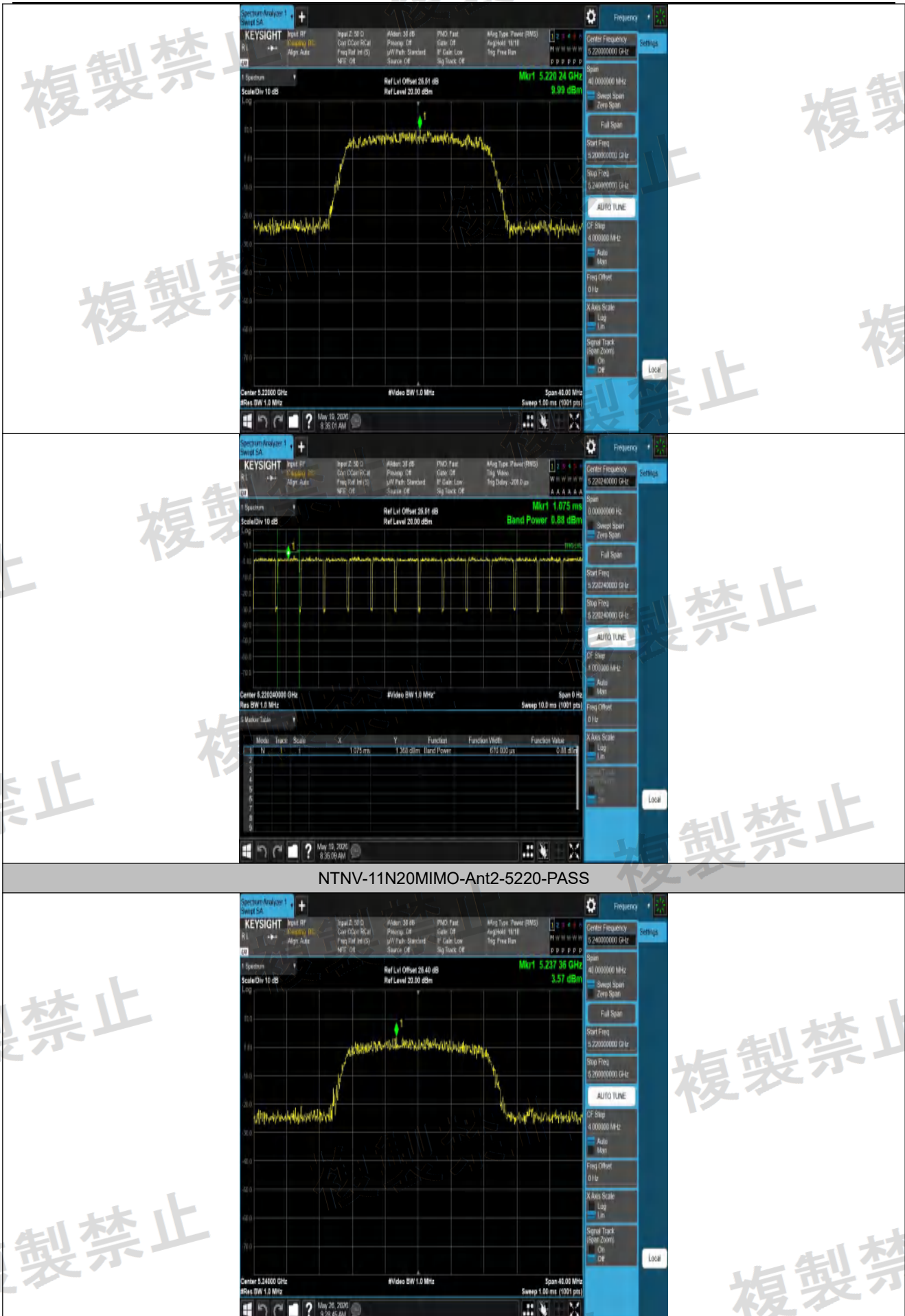




NTNV-11N20MIMO-Ant1-5200-PASS

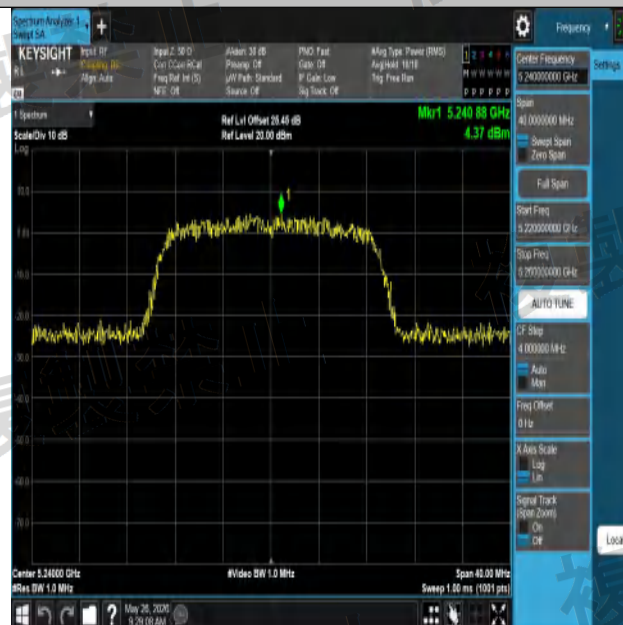


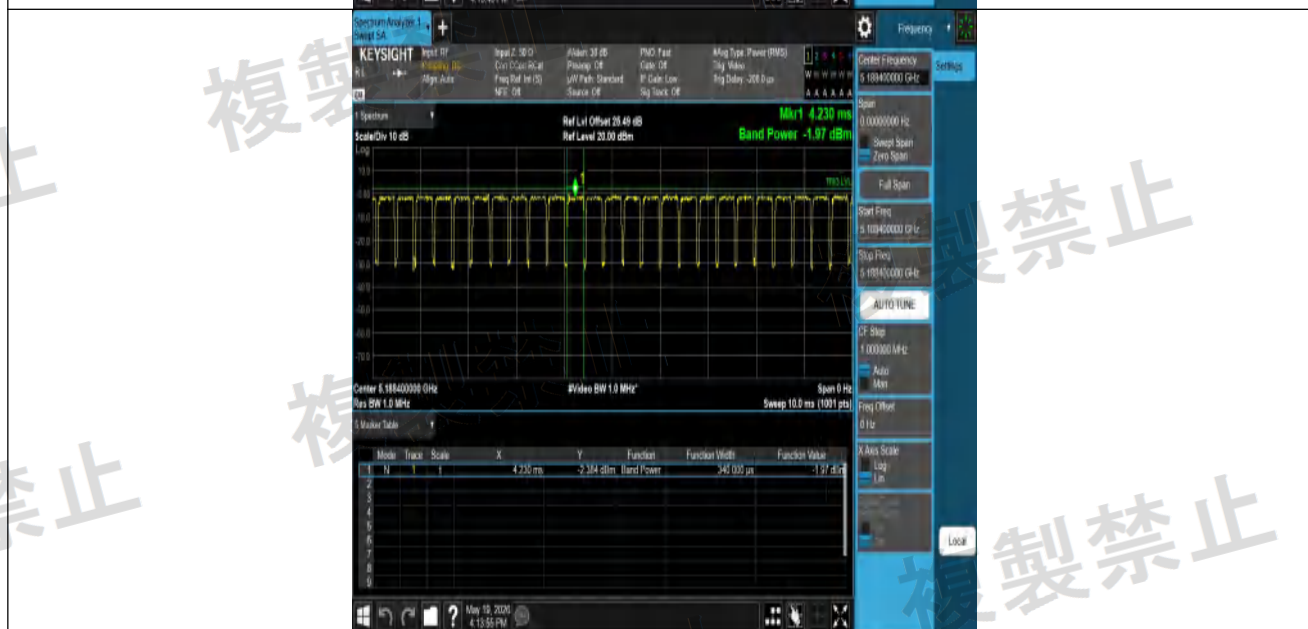




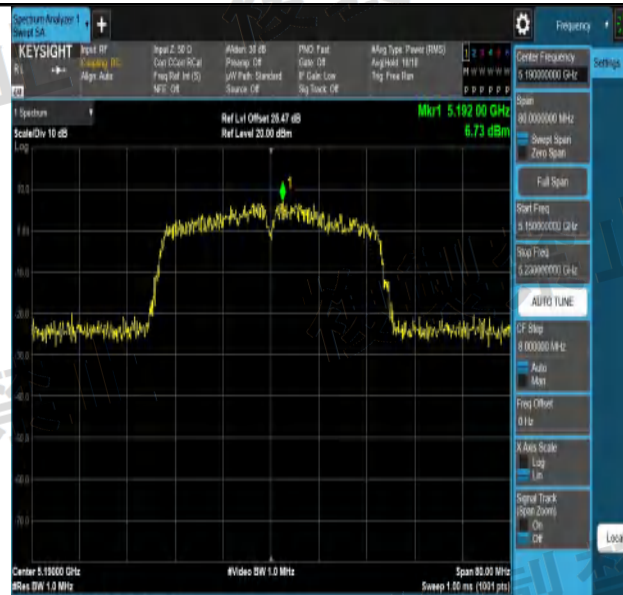


NTNV-11N20MIMO-Ant1-5240-PASS





NTNV-11N40MIMO-Ant1-5190-PASS

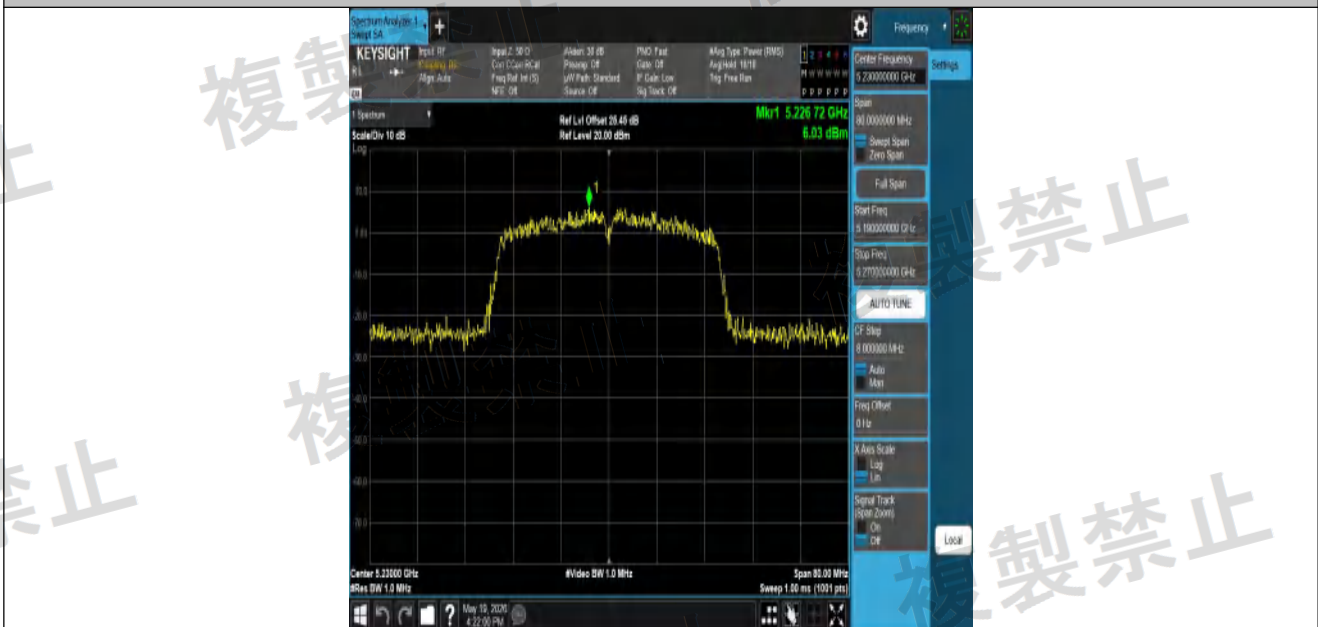


NTNV-11N40MIMO-Ant2-5190-PASS

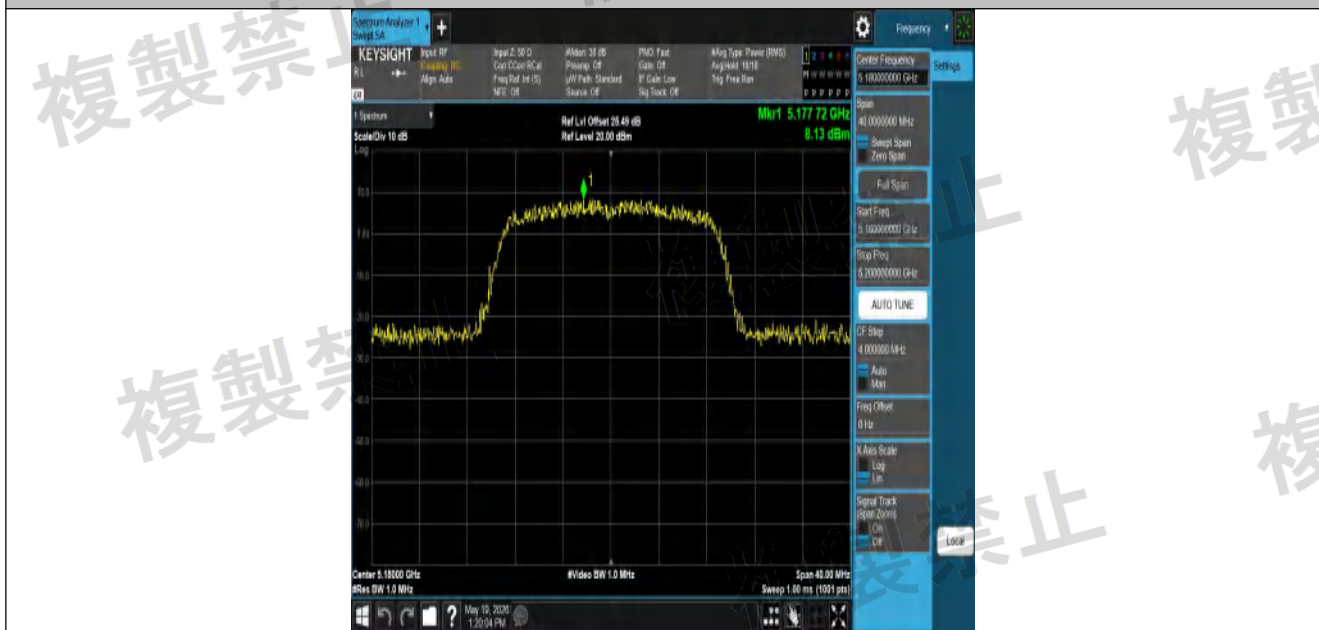




NTNV-11N40MIMO-Ant1-5230-PASS



NTNV-11N40MIMO-Ant2-5230-PASS



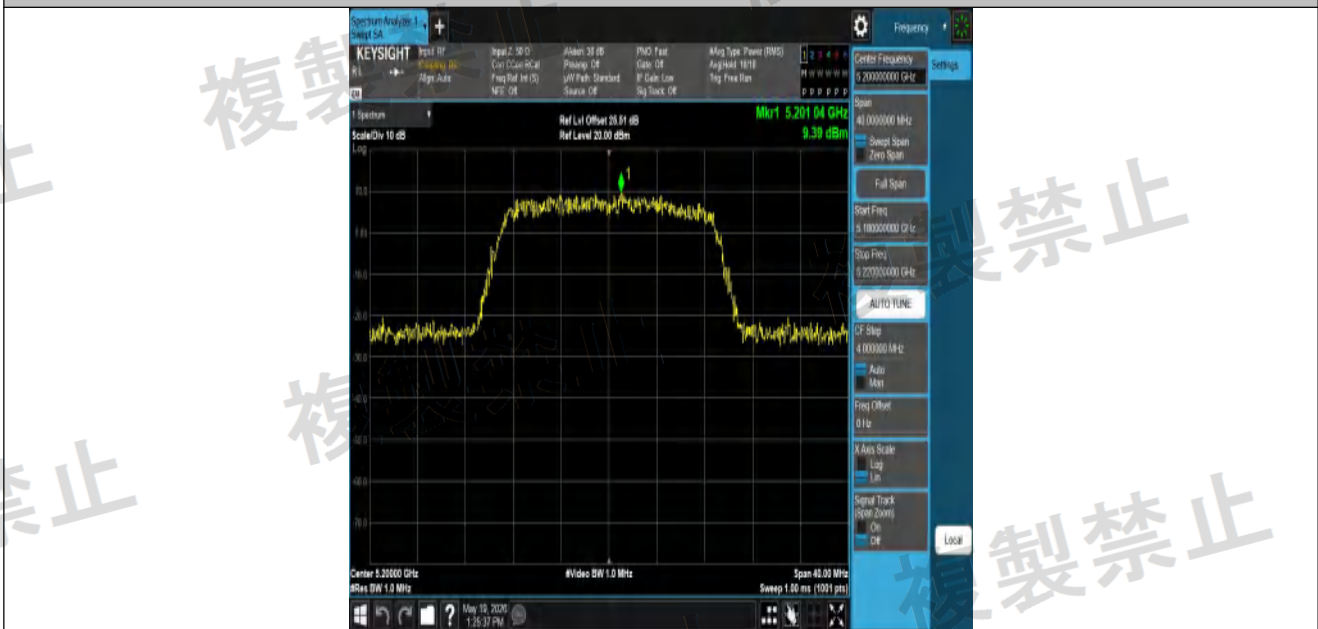
NTNV-11AC20MIMO-Ant1-5180-PASS



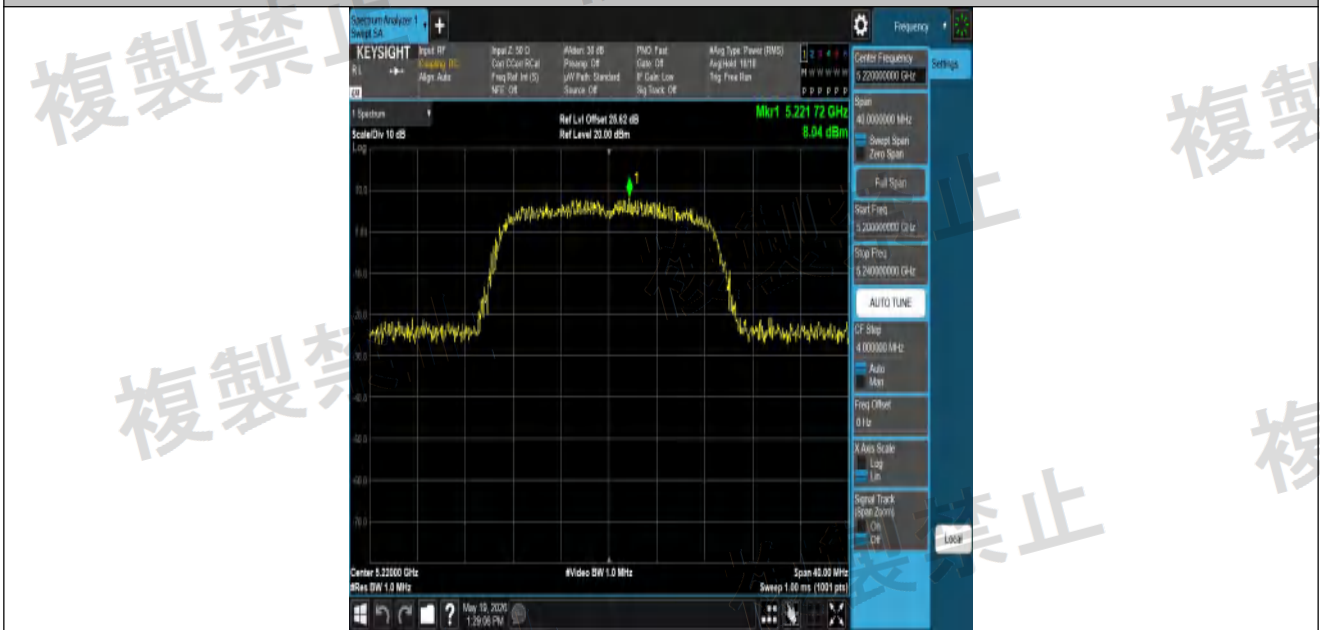
NTNV-11AC20MIMO-Ant2-5180-PASS



NTNV-11AC20MIMO-Ant1-5200-PASS



NTNV-11AC20MIMO-Ant2-5200-PASS



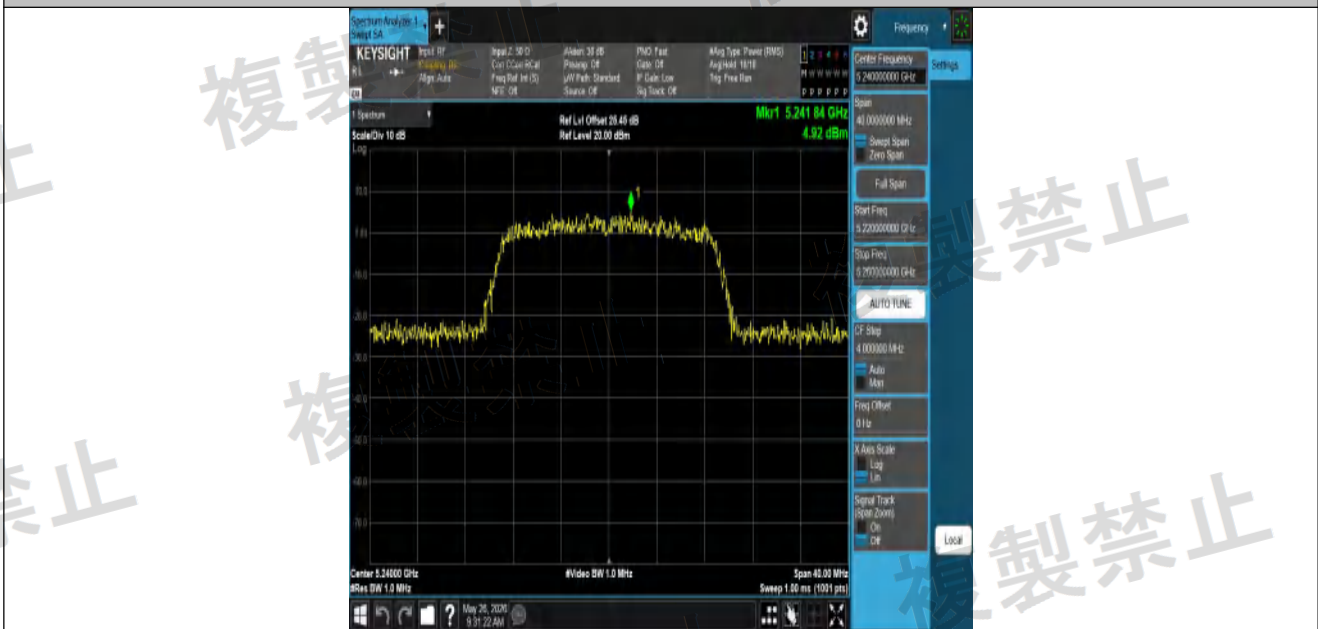
NTNV-11AC20MIMO-Ant1-5220-PASS



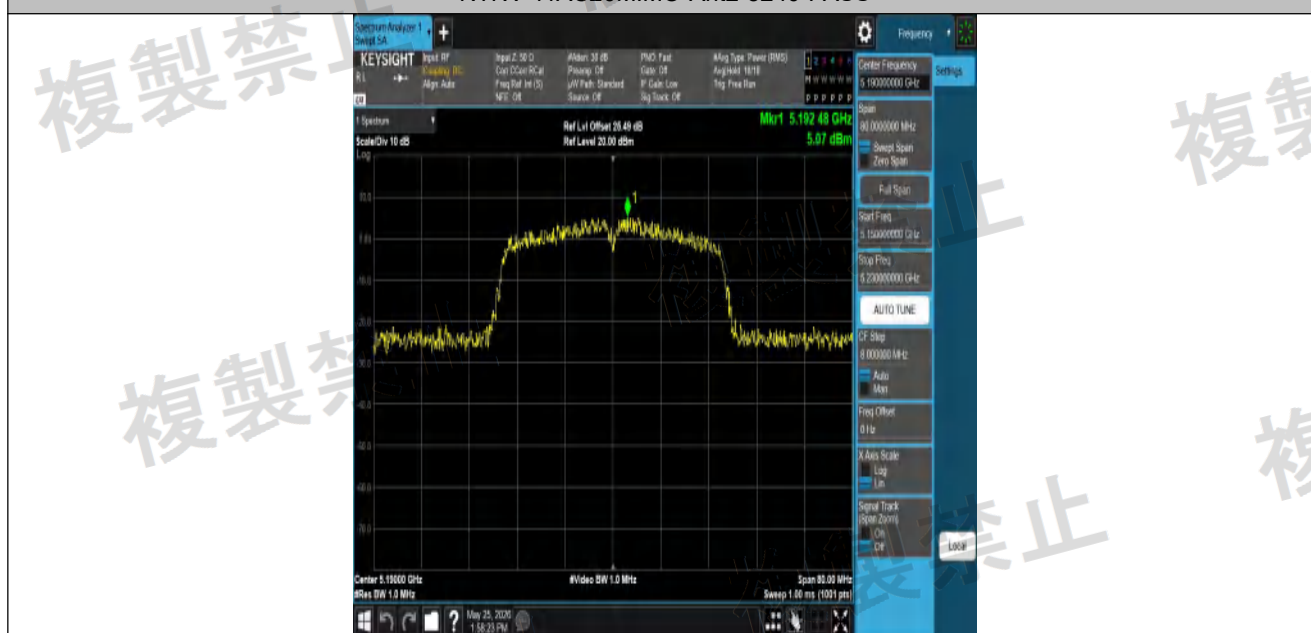
NTNV-11AC20MIMO-Ant2-5220-PASS



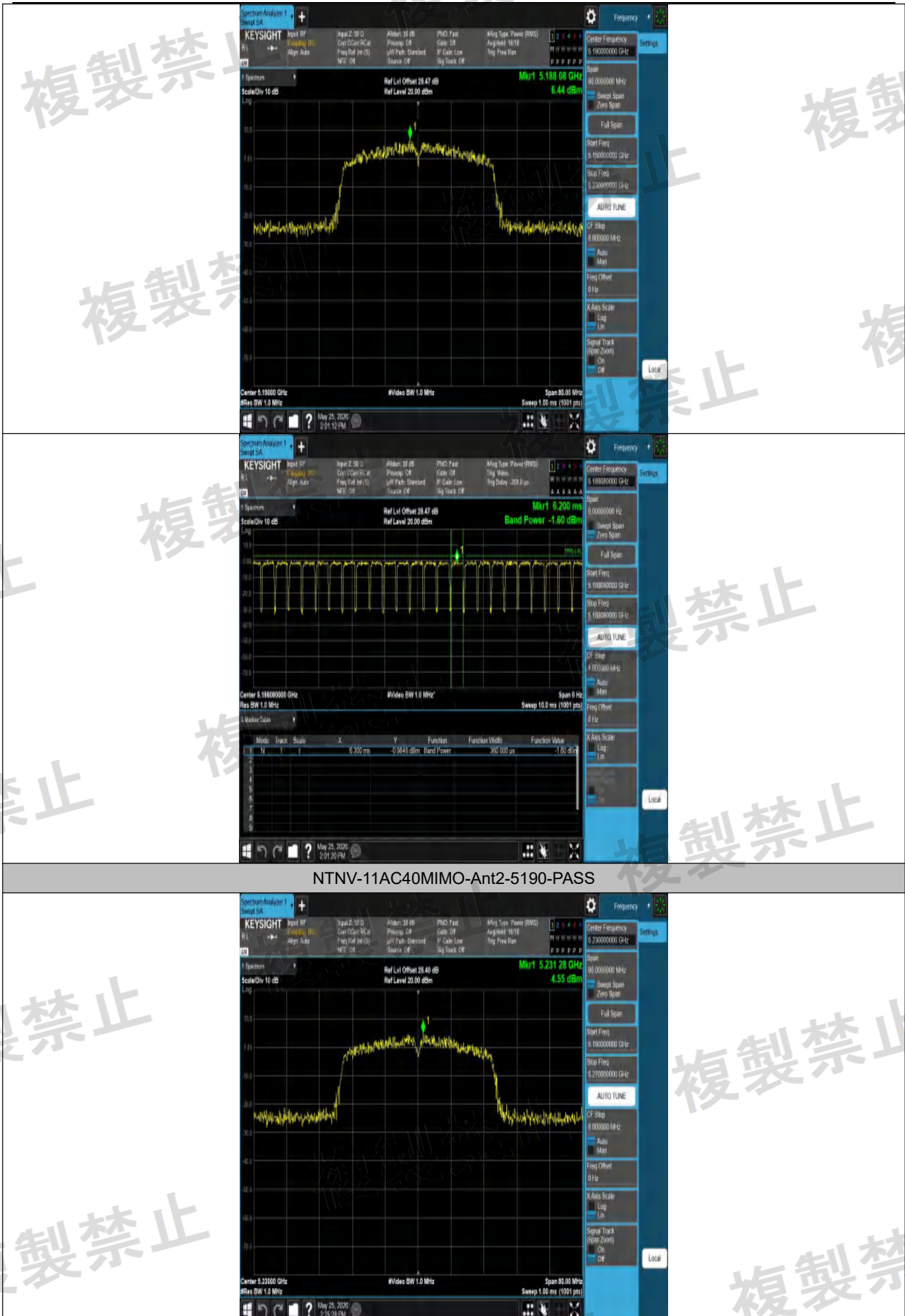
NTNV-11AC20MIMO-Ant1-5240-PASS



NTNV-11AC20MIMO-Ant2-5240-PASS

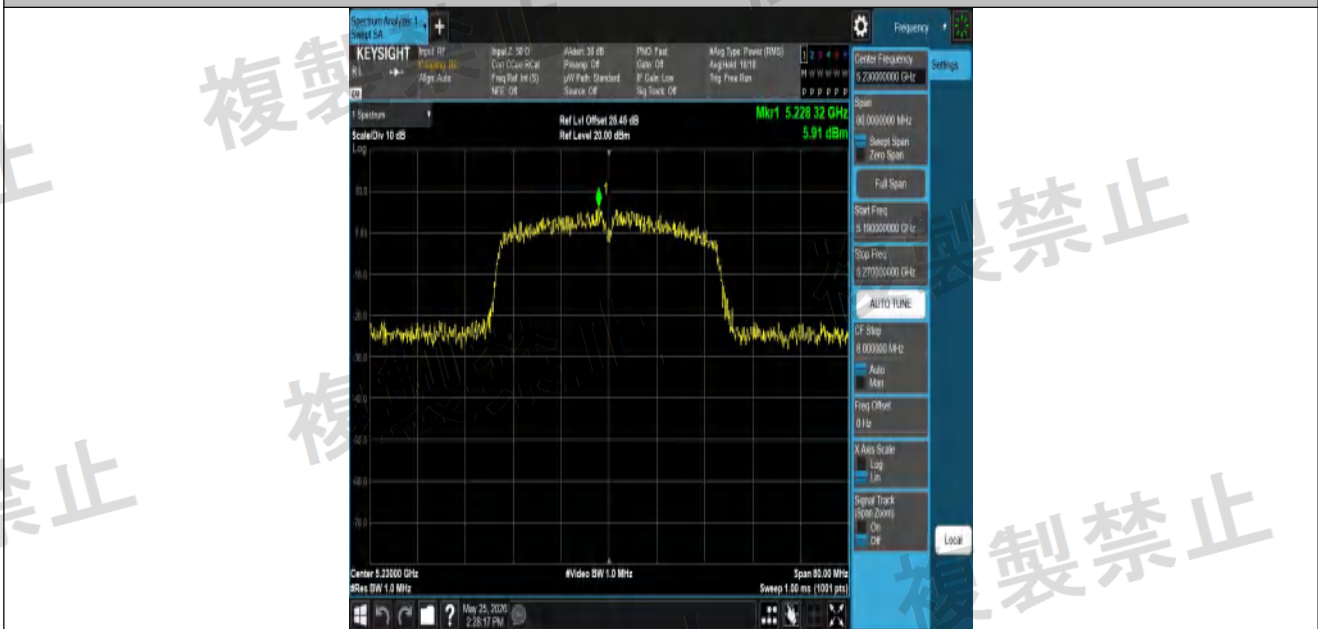


NTNV-11AC40MIMO-Ant1-5190-PASS

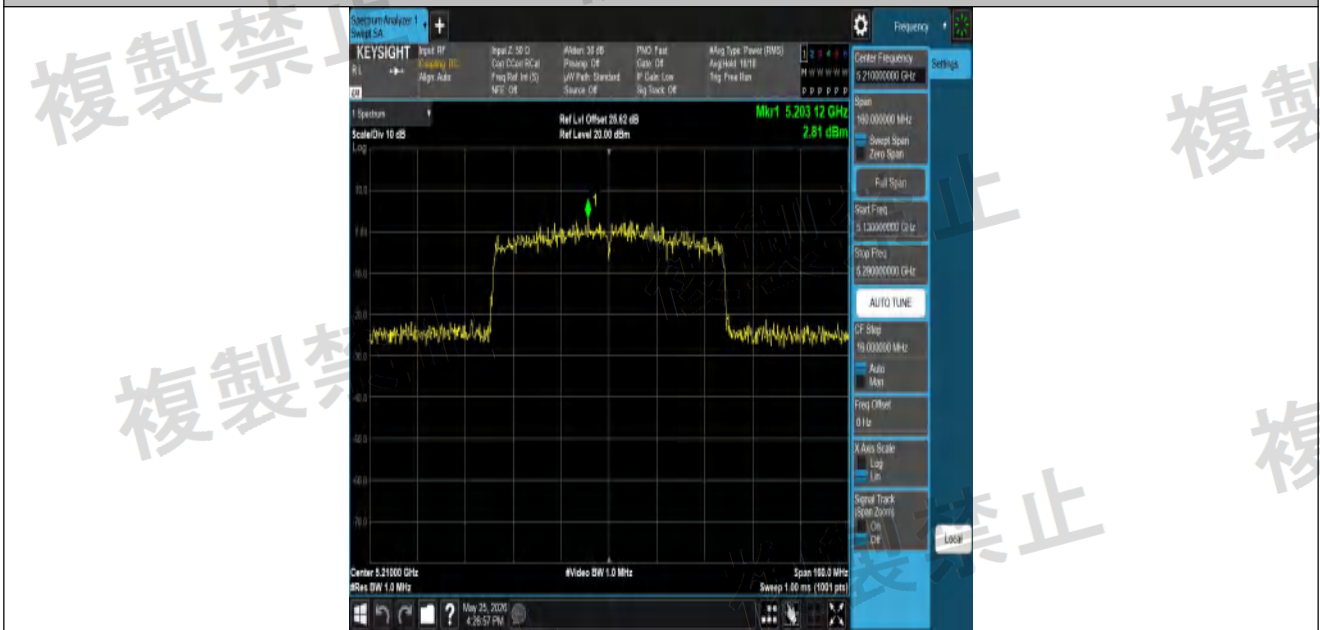




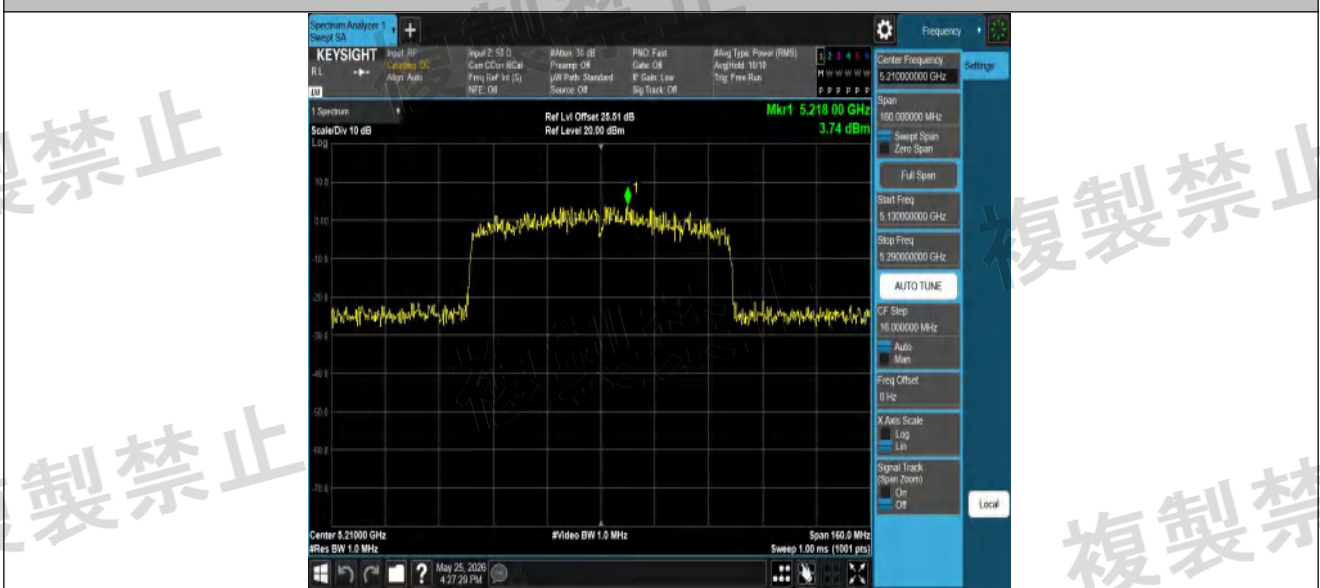
NTNV-11AC40MIMO-Ant1-5230-PASS



NTNV-11AC40MIMO-Ant2-5230-PASS

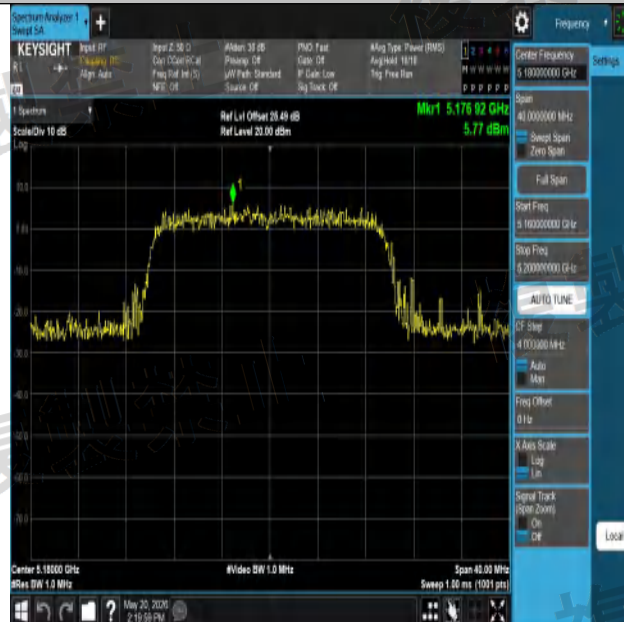


NTNV-11AC80MIMO-Ant1-5210-PASS

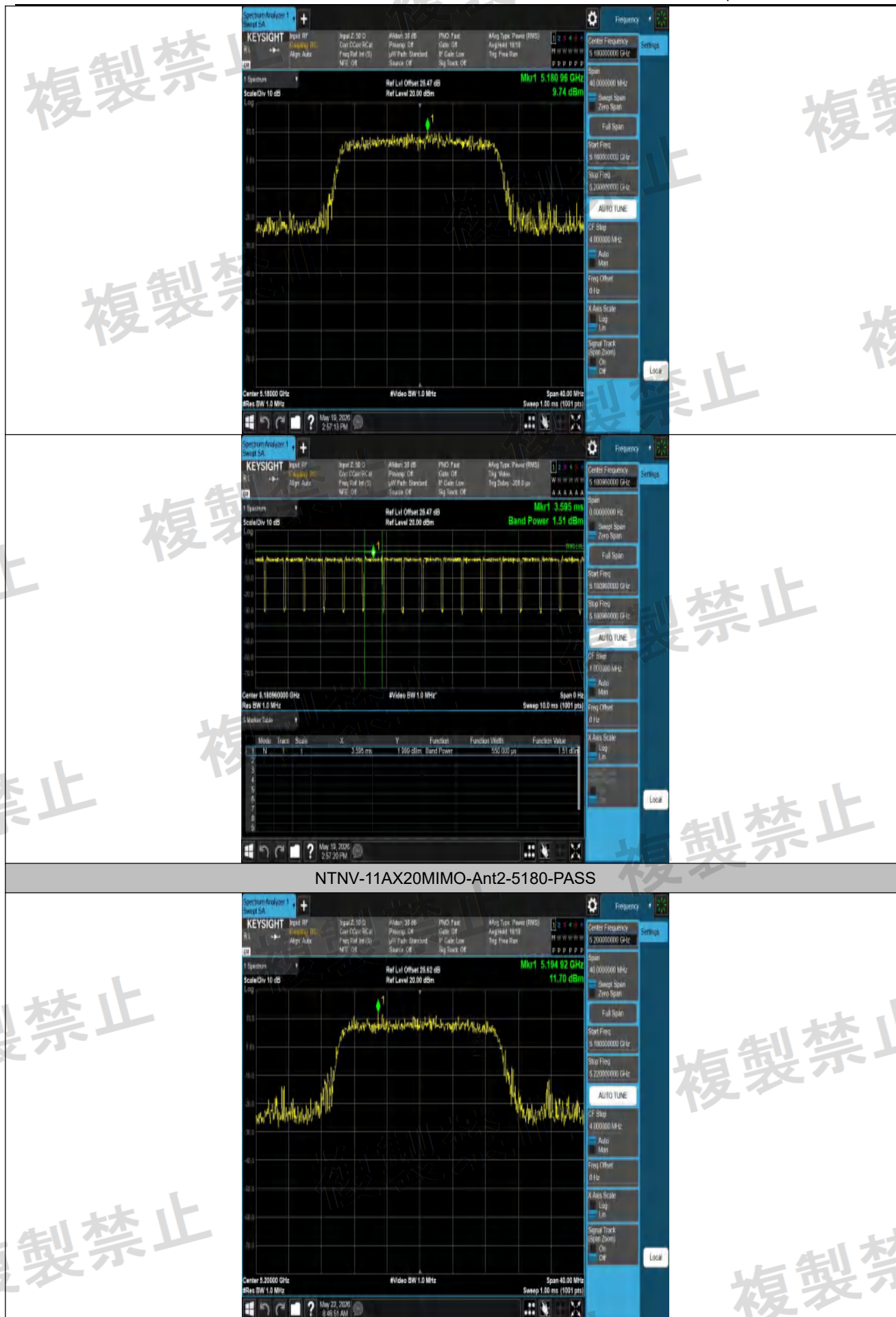




NTNV-11AC80MIMO-Ant2-5210-PASS



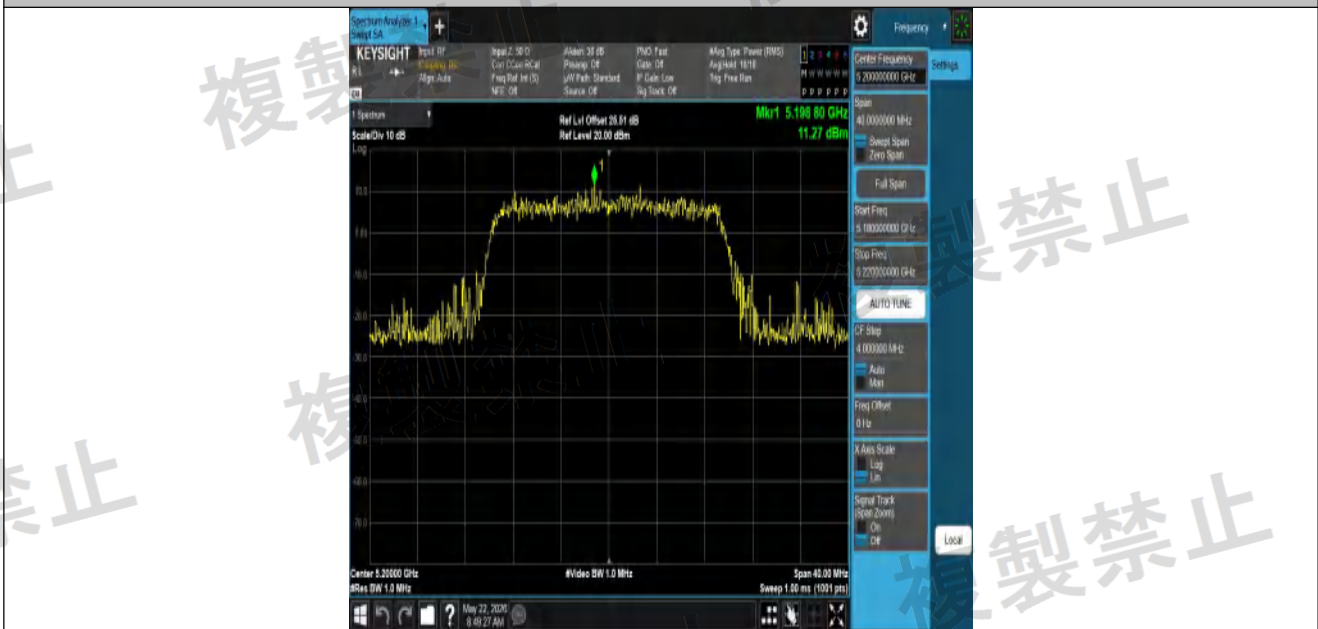
NTNV-11AX20MIMO-Ant1-5180-PASS



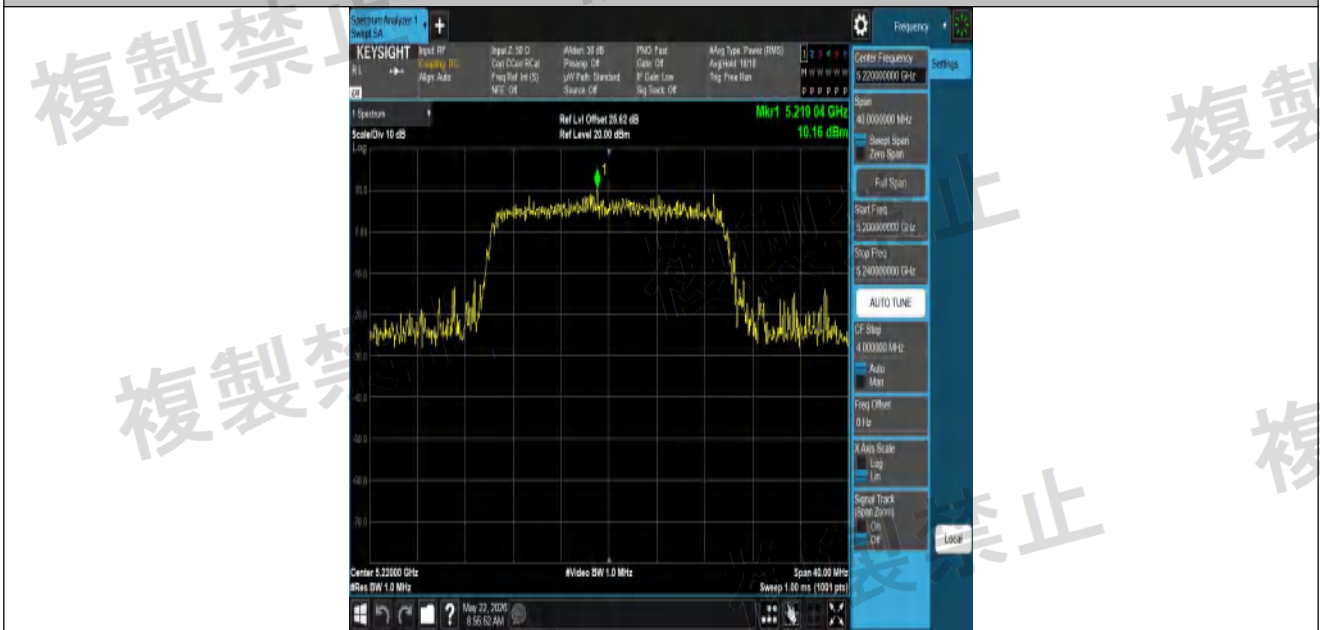
NTNV-11AX20MIMO-Ant2-5180-PASS



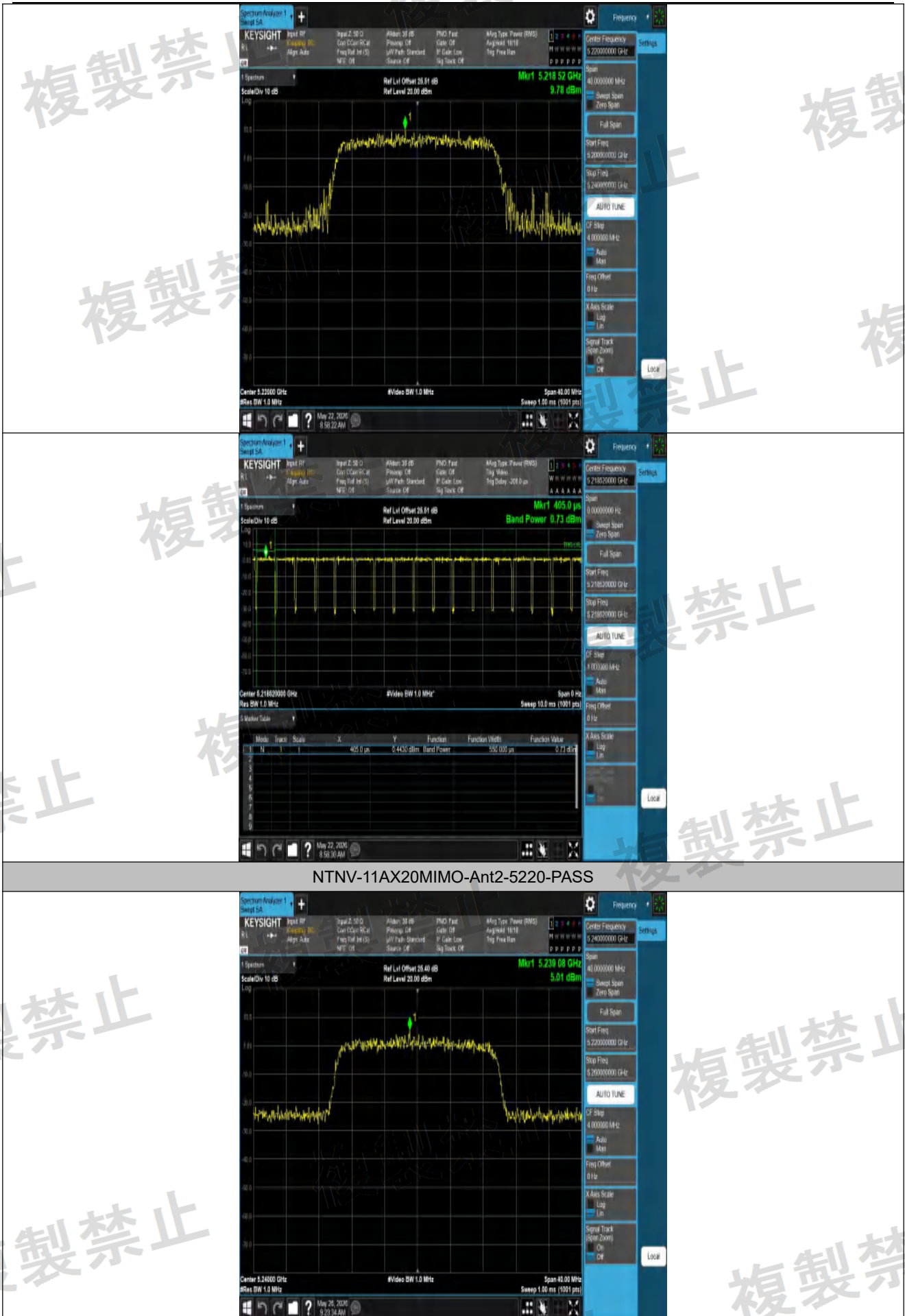
NTNV-11AX20MIMO-Ant1-5200-PASS

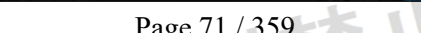


NTNV-11AX20MIMO-Ant2-5200-PASS

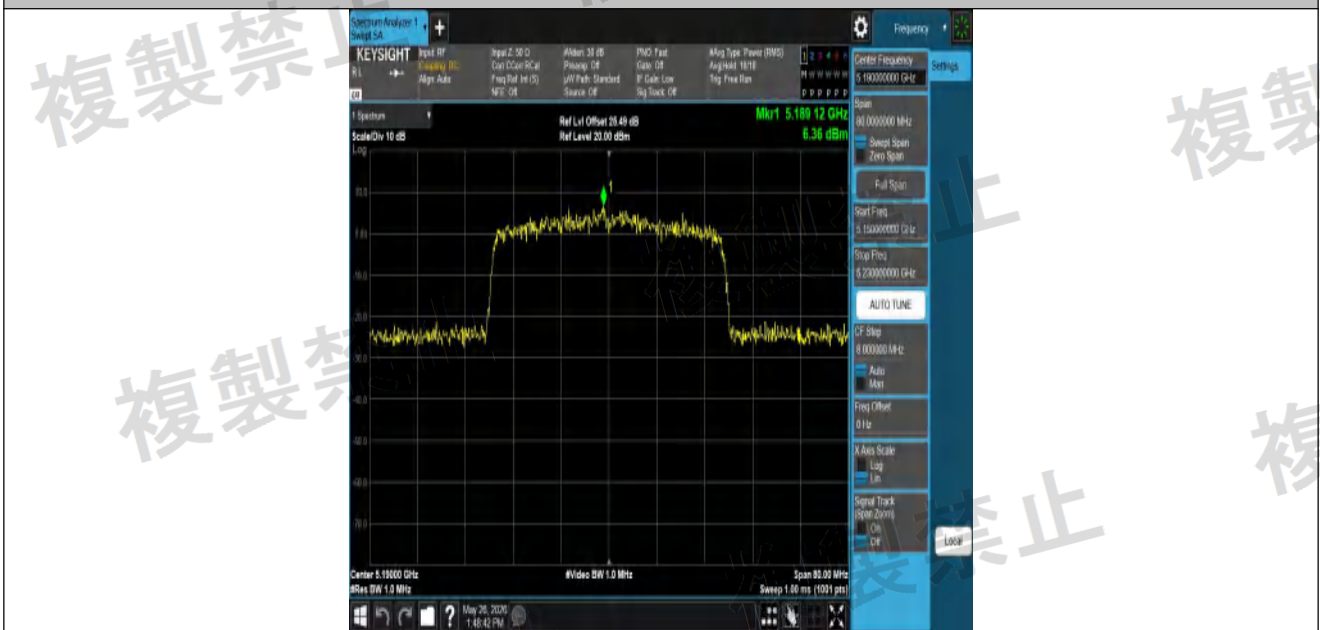


NTNV-11AX20MIMO-Ant1-5220-PASS

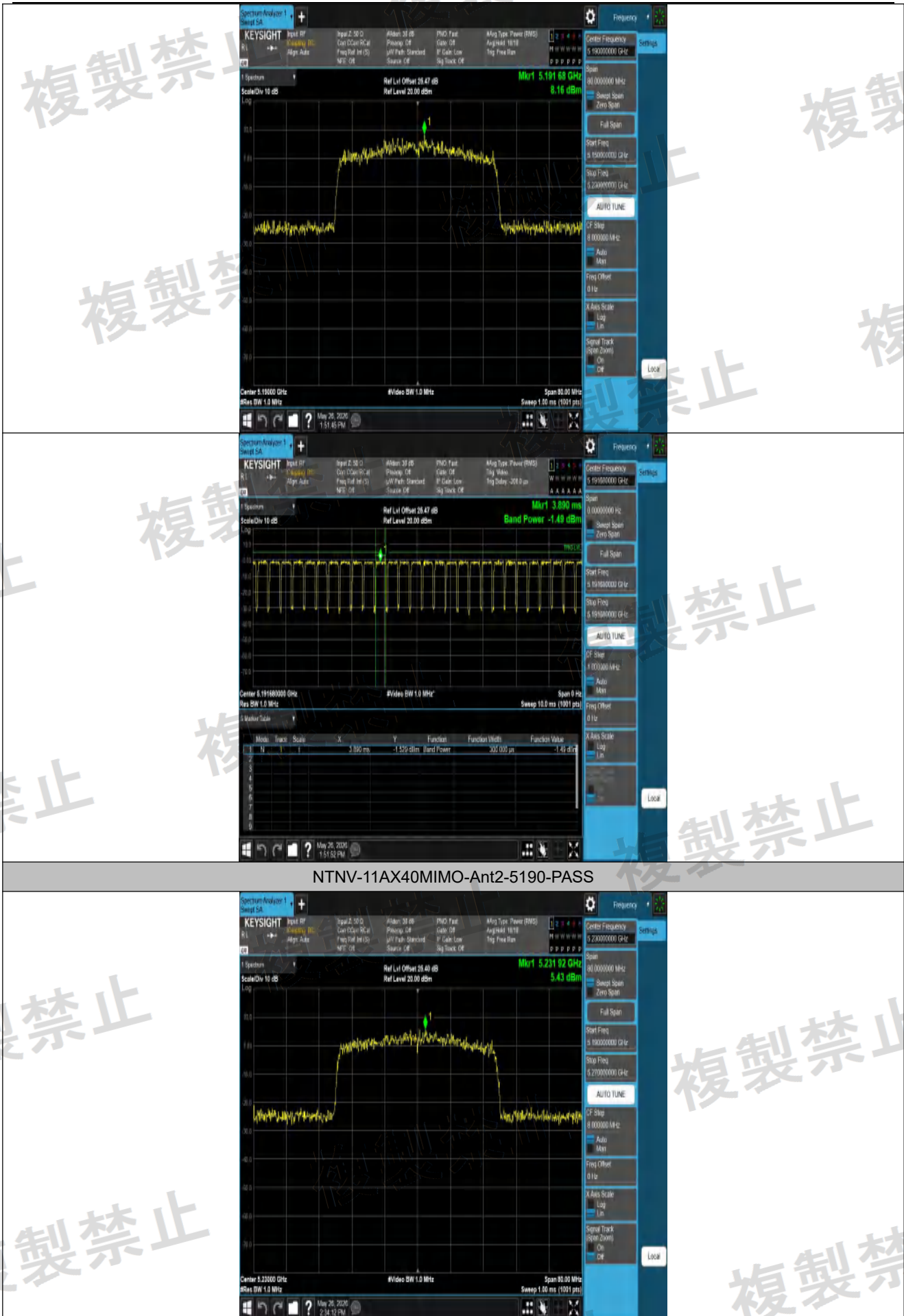




NTNV-11AX20MIMO-Ant2-5240-PASS



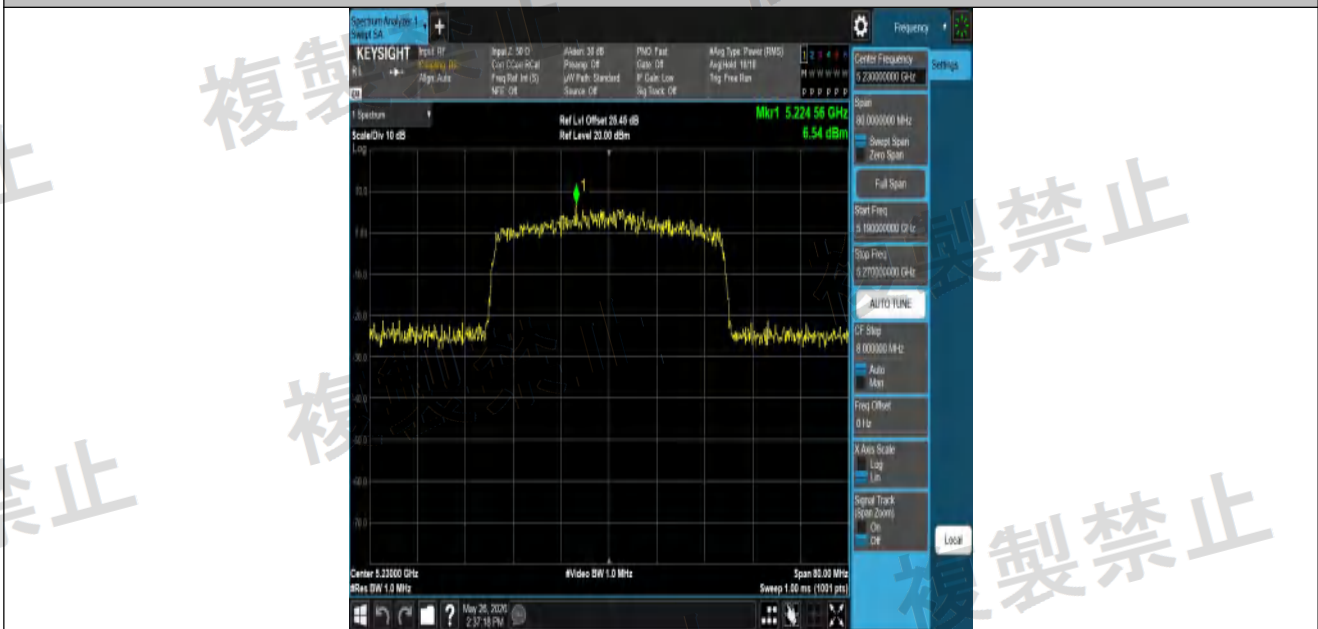
NTNV-11AX40MIMO-Ant1-5190-PASS



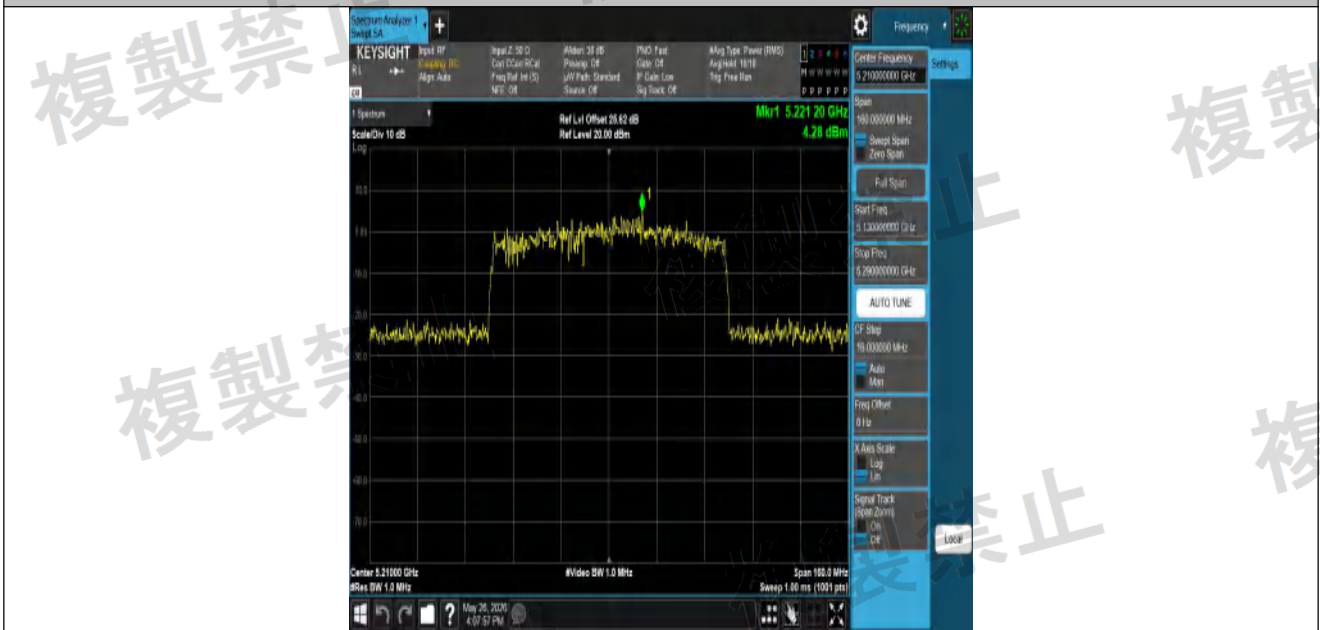
NTNV-11AX40MIMO-Ant2-5190-PASS



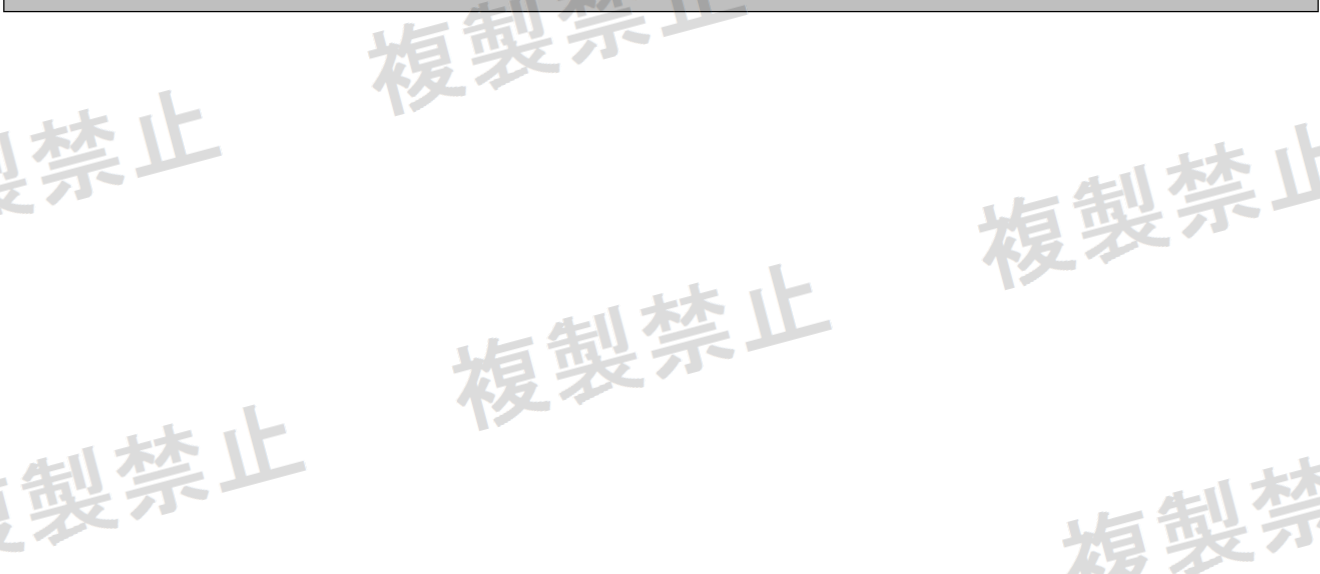
NTNV-11AX40MIMO-Ant1-5230-PASS

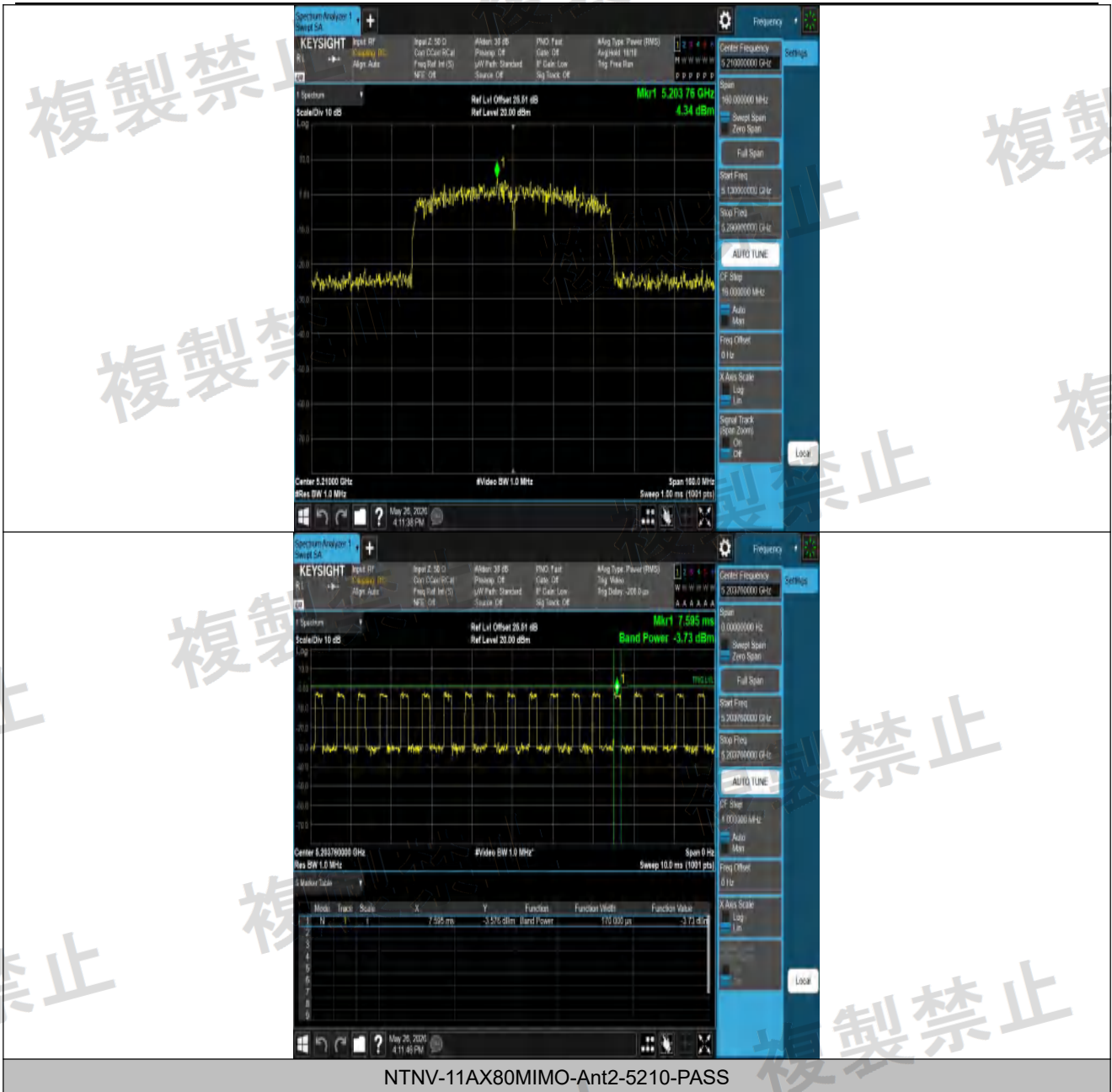


NTNV-11AX40MIMO-Ant2-5230-PASS



NTNV-11AX80MIMO-Ant1-5210-PASS





NTNV-11AX80MIMO-Ant2-5210-PASS

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3.3 Occupied Bandwidth

LIMIT

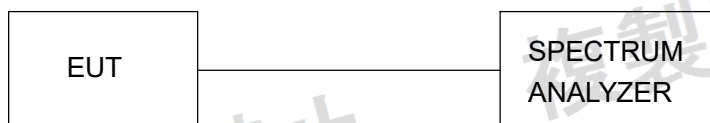
Band 1:

Occupied bandwidth: $\leq 20\text{MHz}$ (20MHz System, OFDMA)

Occupied bandwidth: $\leq 40\text{MHz}$ (40MHz System, OFDMA)

Occupied bandwidth: $\leq 80\text{MHz}$ (80MHz System, OFDMA)

TEST CONFIGURATION



TEST PROCEDURE

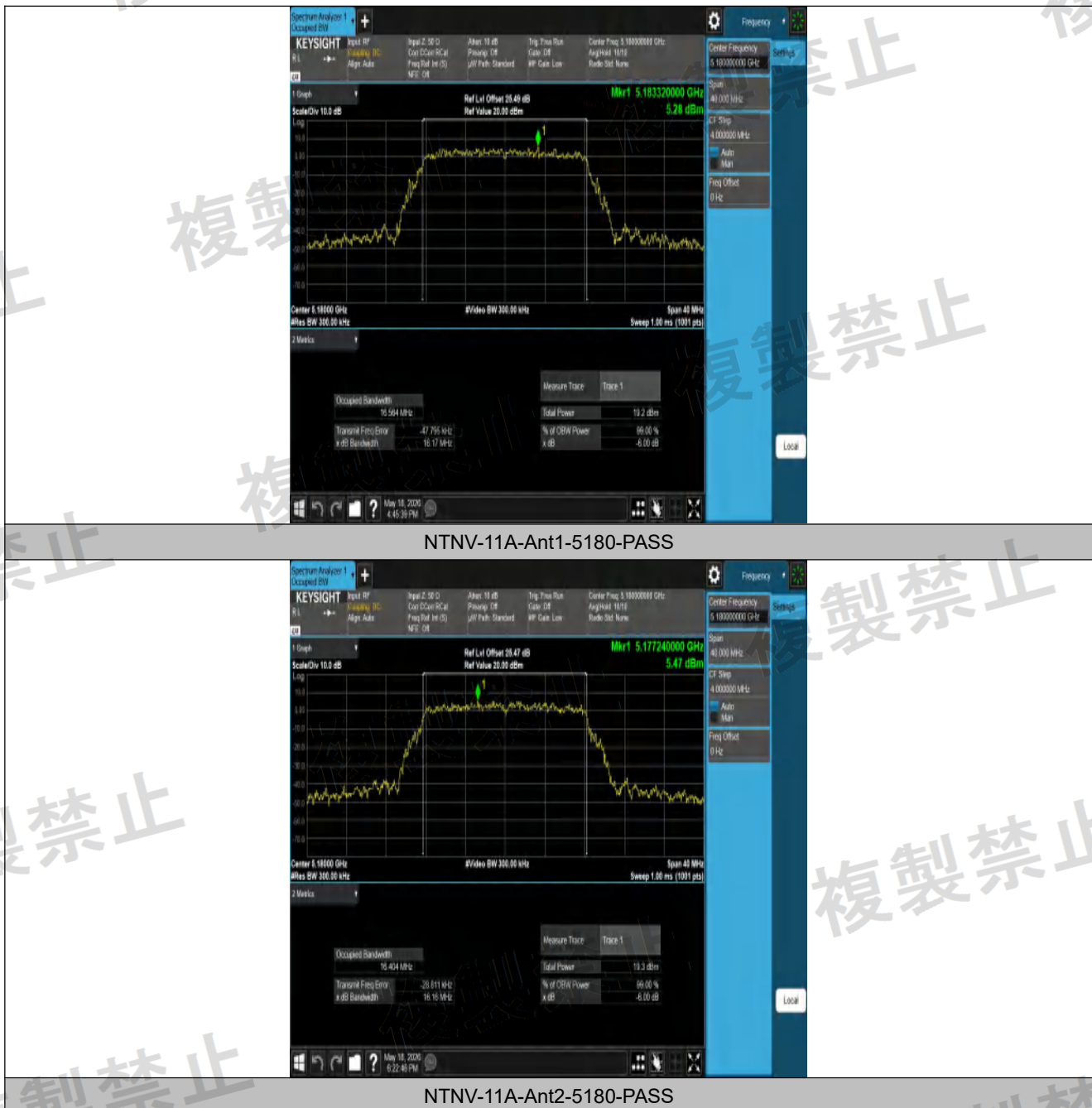
1. Setting of SA is following as follow:
 - RBW: 300 kHz
 - VBW: 300 kHz
 - Sweep time: Auto
 - Sweep Mode: Continuous sweep
 - Detect mode: Positive peak
 - Trace mode: Max hold
2. EUT have transmitted the maximum modulation signal and fixed channelize. SA set to 99% of occupied bandwidth to measure occupied bandwidth.

TEST RESULTS

TestCondition	TestMode	Antenna	Frequency[MHz]	Result [MHz]	Limit [MHz]	Verdict
NTNV	11A	Ant1	5180	16.564	≤20	PASS
NTNV	11A	Ant2	5180	16.404	≤20	PASS
NTNV	11A	Ant1	5200	16.528	≤20	PASS
NTNV	11A	Ant2	5200	16.454	≤20	PASS
NTNV	11A	Ant1	5220	16.475	≤20	PASS
NTNV	11A	Ant2	5220	16.538	≤20	PASS
NTNV	11A	Ant1	5240	16.483	≤20	PASS
NTNV	11A	Ant2	5240	16.493	≤20	PASS
NTNV	11N20MIMO	Ant1	5180	17.630	≤20	PASS
NTNV	11N20MIMO	Ant2	5180	17.666	≤20	PASS
NTNV	11N20MIMO	Ant1	5200	17.724	≤20	PASS
NTNV	11N20MIMO	Ant2	5200	17.635	≤20	PASS
NTNV	11N20MIMO	Ant1	5220	17.685	≤20	PASS
NTNV	11N20MIMO	Ant2	5220	17.644	≤20	PASS
NTNV	11N20MIMO	Ant1	5240	17.651	≤20	PASS
NTNV	11N20MIMO	Ant2	5240	17.683	≤20	PASS
NTNV	11N40MIMO	Ant1	5190	35.576	≤40	PASS
NTNV	11N40MIMO	Ant2	5190	35.859	≤40	PASS
NTNV	11N40MIMO	Ant1	5230	35.723	≤40	PASS
NTNV	11N40MIMO	Ant2	5230	35.721	≤40	PASS
NTNV	11AC20MIMO	Ant1	5180	17.630	≤20	PASS
NTNV	11AC20MIMO	Ant2	5180	17.553	≤20	PASS
NTNV	11AC20MIMO	Ant1	5200	17.679	≤20	PASS
NTNV	11AC20MIMO	Ant2	5200	17.647	≤20	PASS
NTNV	11AC20MIMO	Ant1	5220	17.664	≤20	PASS
NTNV	11AC20MIMO	Ant2	5220	17.719	≤20	PASS
NTNV	11AC20MIMO	Ant1	5240	17.650	≤20	PASS
NTNV	11AC20MIMO	Ant2	5240	17.621	≤20	PASS
NTNV	11AC40MIMO	Ant1	5190	35.743	≤40	PASS
NTNV	11AC40MIMO	Ant2	5190	35.680	≤40	PASS
NTNV	11AC40MIMO	Ant1	5230	35.790	≤40	PASS
NTNV	11AC40MIMO	Ant2	5230	35.878	≤40	PASS
NTNV	11AC80MIMO	Ant1	5210	75.357	≤80	PASS
NTNV	11AC80MIMO	Ant2	5210	74.844	≤80	PASS
NTNV	11AX20MIMO	Ant2	5180	19.015	≤20	PASS
NTNV	11AX20MIMO	Ant1	5180	19.004	≤20	PASS
NTNV	11AX20MIMO	Ant1	5200	18.958	≤20	PASS
NTNV	11AX20MIMO	Ant2	5200	18.930	≤20	PASS
NTNV	11AX20MIMO	Ant1	5220	18.973	≤20	PASS
NTNV	11AX20MIMO	Ant2	5220	18.960	≤20	PASS

NTNV	11AX20MIMO	Ant1	5240	18.924	≤20	PASS
NTNV	11AX20MIMO	Ant2	5240	18.809	≤20	PASS
NTNV	11AX40MIMO	Ant1	5190	37.527	≤40	PASS
NTNV	11AX40MIMO	Ant2	5190	37.558	≤40	PASS
NTNV	11AX40MIMO	Ant1	5230	37.490	≤40	PASS
NTNV	11AX40MIMO	Ant2	5230	37.504	≤40	PASS
NTNV	11AX80MIMO	Ant1	5210	76.331	≤80	PASS
NTNV	11AX80MIMO	Ant2	5210	76.707	≤80	PASS

TEST GRAPHS





NTNV-11A-Ant1-5200-PASS



NTNV-11A-Ant2-5200-PASS



NTNV-11A-Ant1-5220-PASS



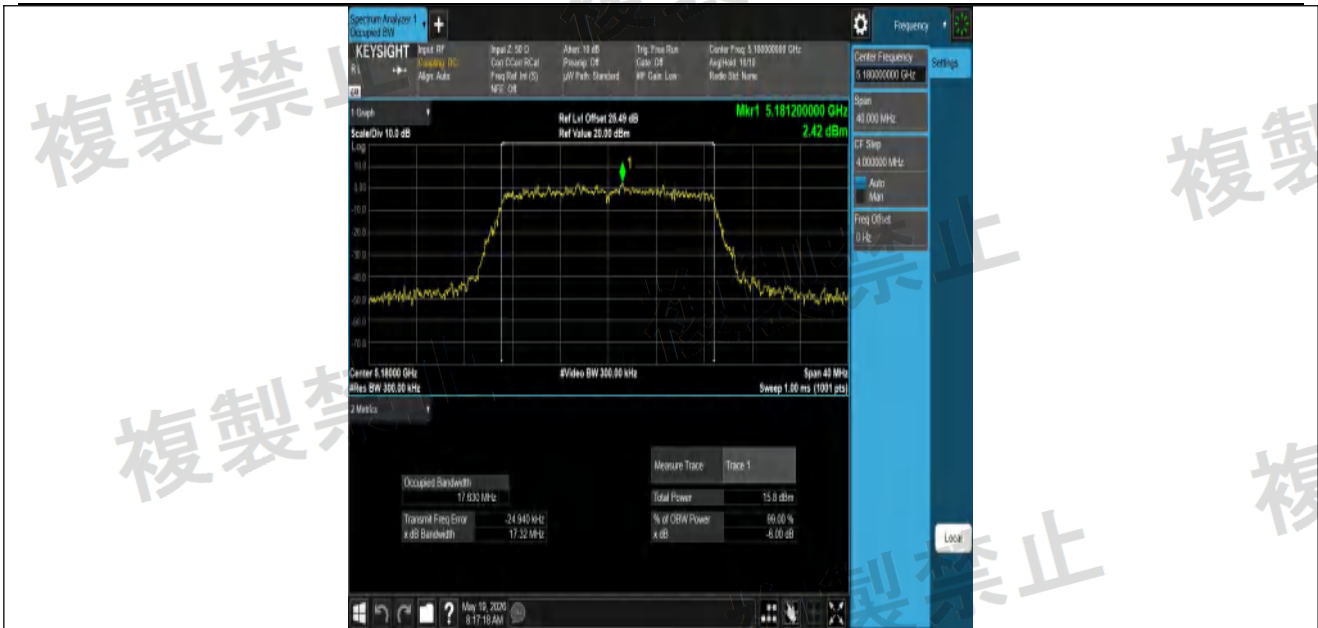
NTNV-11A-Ant2-5220-PASS



NTNV-11A-Ant1-5240-PASS



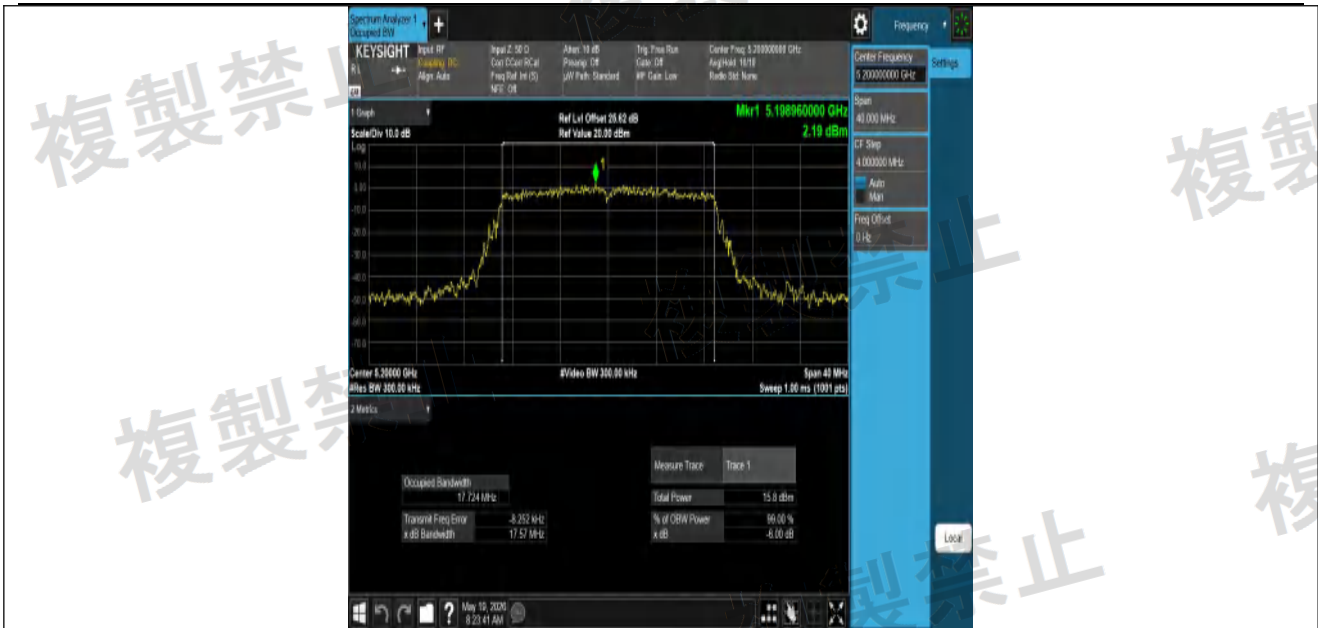
NTNV-11A-Ant2-5240-PASS



NTNV-11N20MIMO-Ant1-5180-PASS



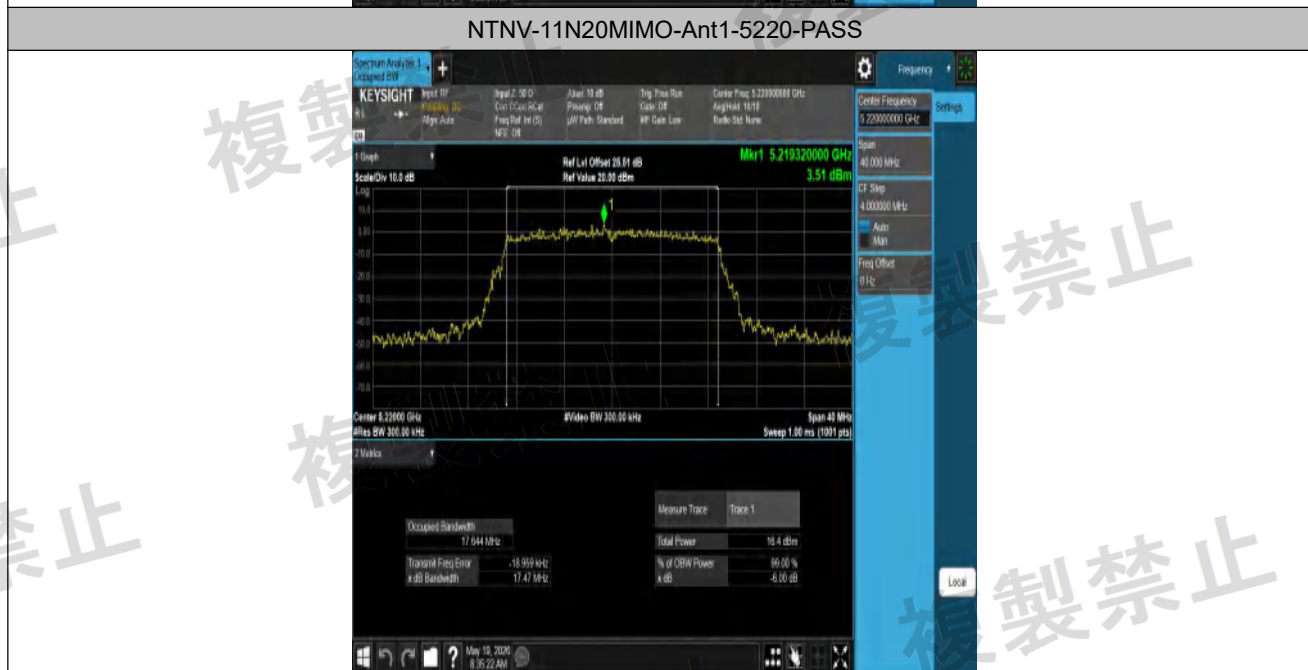
NTNV-11N20MIMO-Ant2-5180-PASS



NTNV-11N20MIMO-Ant1-5200-PASS



NTNV-11N20MIMO-Ant2-5200-PASS





NTNV-11N20MIMO-Ant1-5240-PASS



NTNV-11N20MIMO-Ant2-5240-PASS



NTNV-11N40MIMO-Ant1-5190-PASS



NTNV-11N40MIMO-Ant2-5190-PASS



NTNV-11N40MIMO-Ant1-5230-PASS



NTNV-11N40MIMO-Ant2-5230-PASS



NTNV-11AC20MIMO-Ant1-5180-PASS



NTNV-11AC20MIMO-Ant2-5180-PASS



NTNV-11AC20MIMO-Ant1-5200-PASS



NTNV-11AC20MIMO-Ant2-5200-PASS



NTNV-11AC20MIMO-Ant1-5220-PASS



NTNV-11AC20MIMO-Ant2-5220-PASS



NTNV-11AC20MIMO-Ant1-5240-PASS



NTNV-11AC20MIMO-Ant2-5240-PASS



NTNV-11AC40MIMO-Ant1-5190-PASS



NTNV-11AC40MIMO-Ant2-5190-PASS



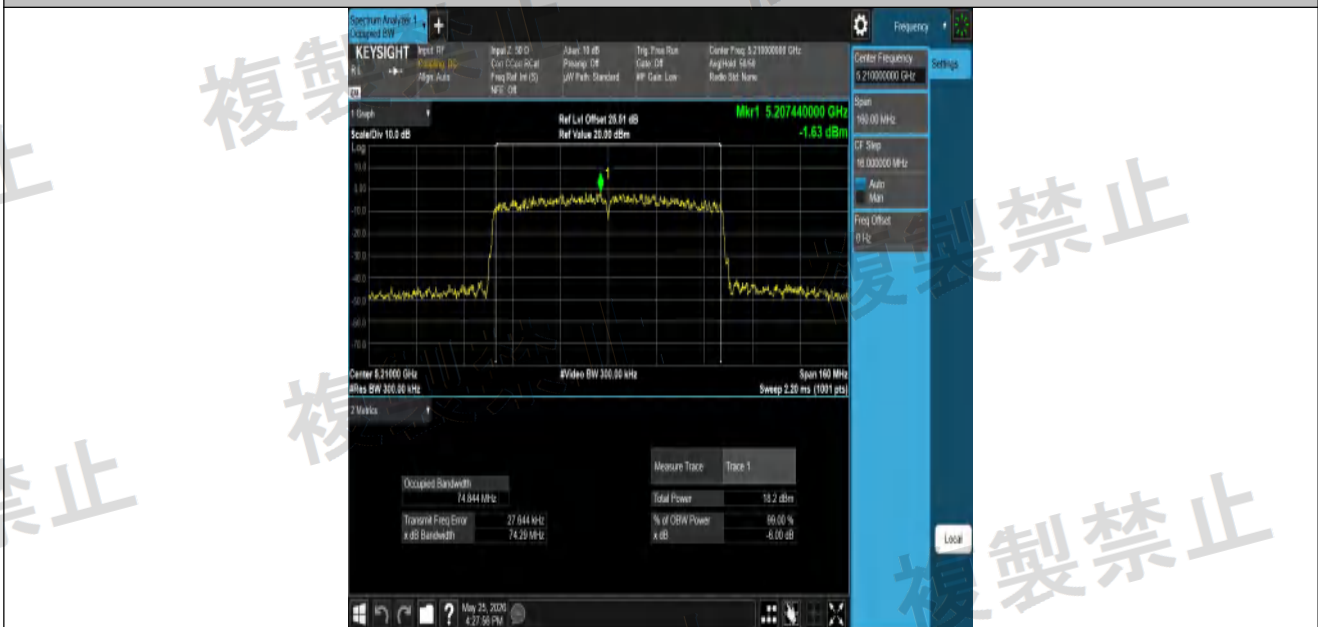
NTNV-11AC40MIMO-Ant1-5230-PASS



NTNV-11AC40MIMO-Ant2-5230-PASS



NTNV-11AC80MIMO-Ant1-5210-PASS



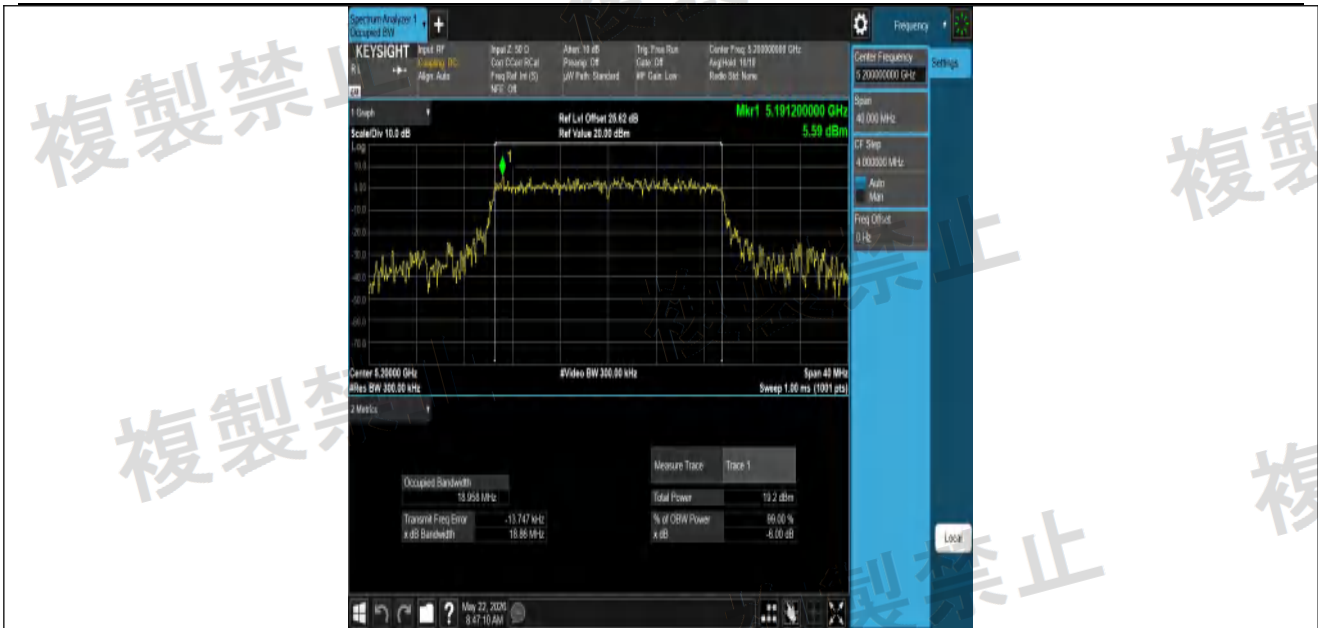
NTNV-11AC80MIMO-Ant2-5210-PASS



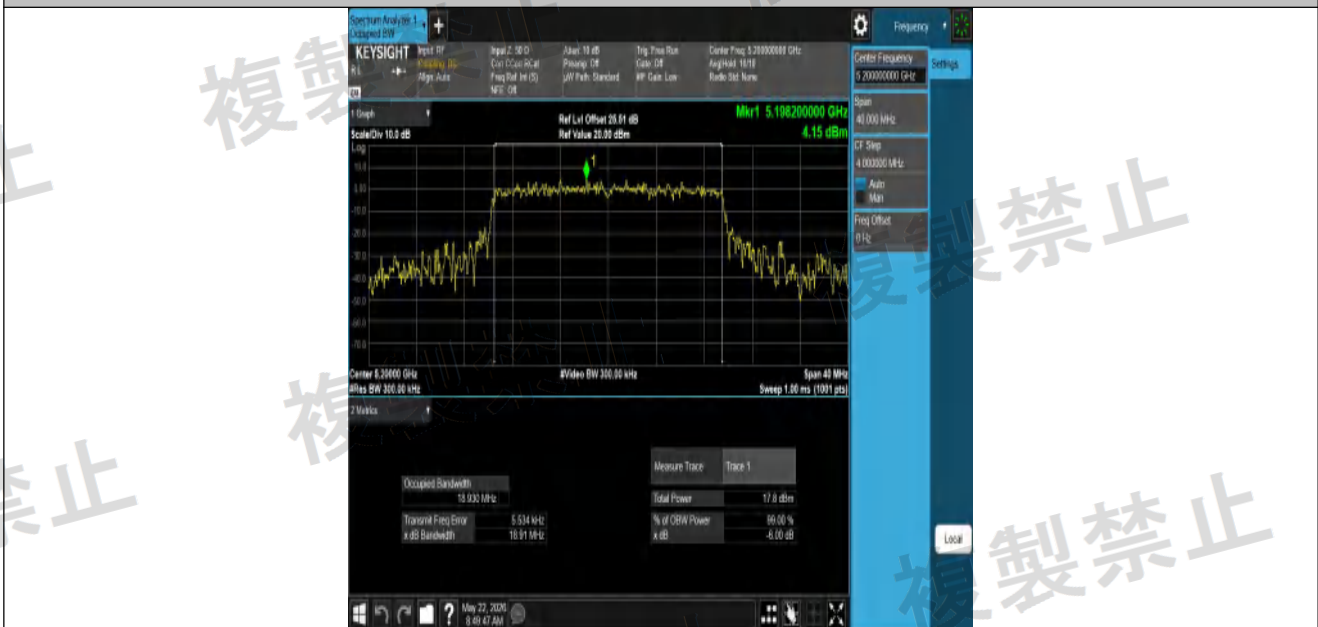
NTNV-11AX20MIMO-Ant2-5180-PASS



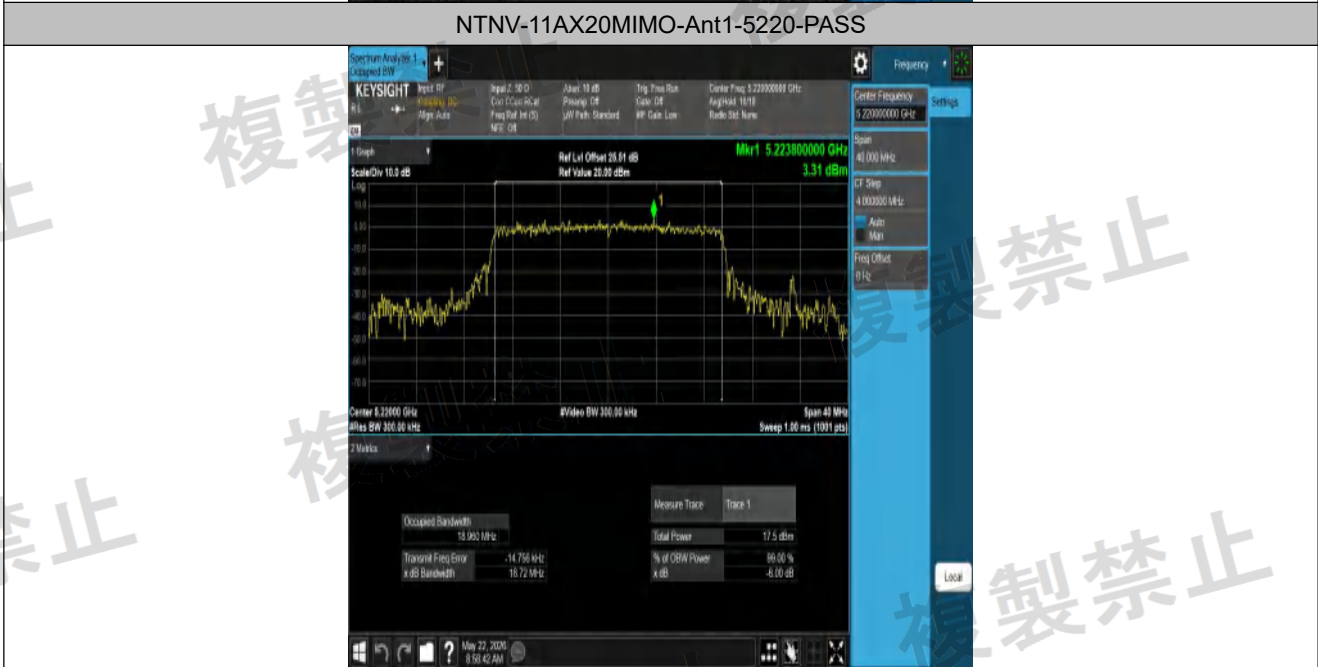
NTNV-11AX20MIMO-Ant1-5180-PASS

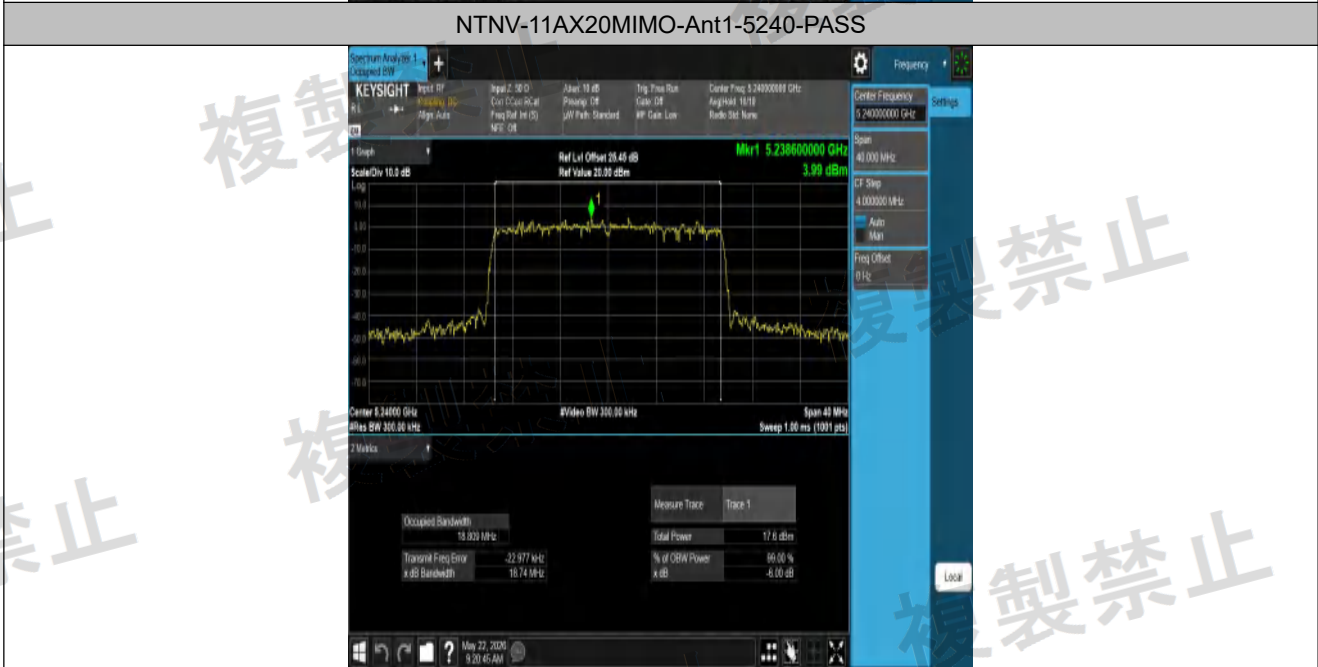


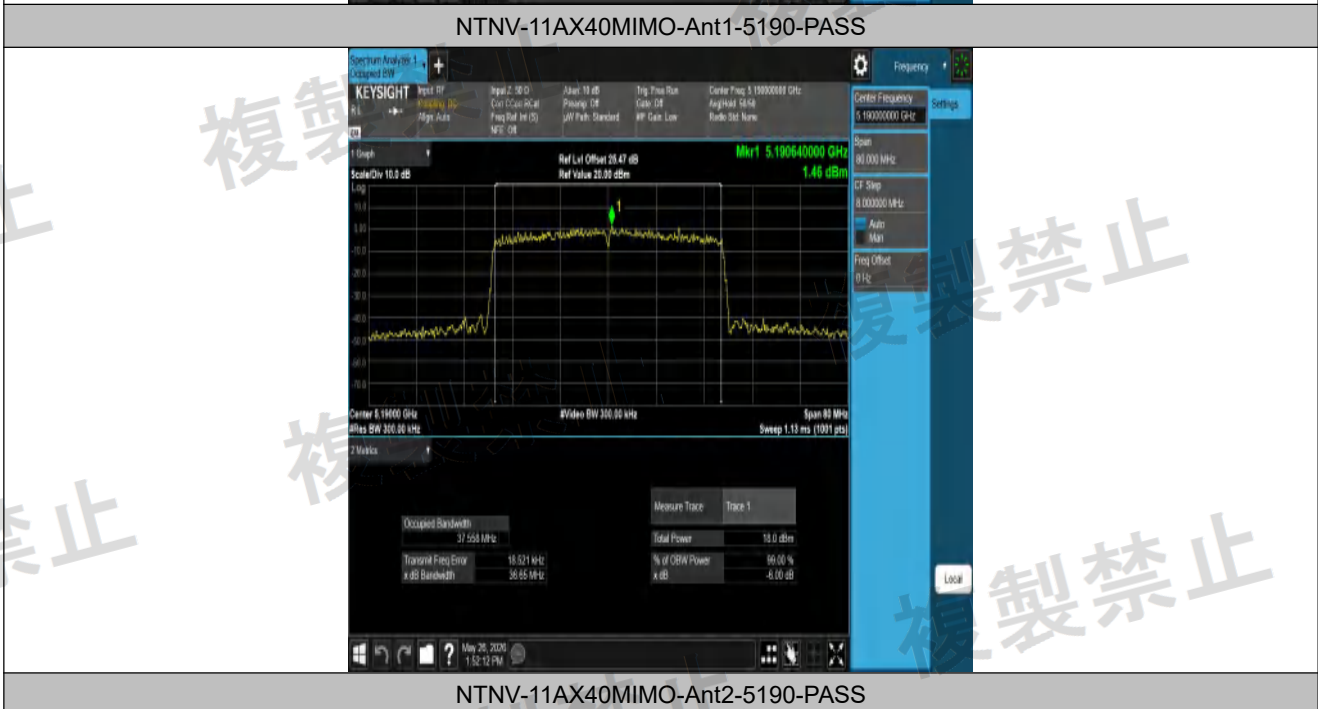
NTNV-11AX20MIMO-Ant1-5200-PASS



NTNV-11AX20MIMO-Ant2-5200-PASS

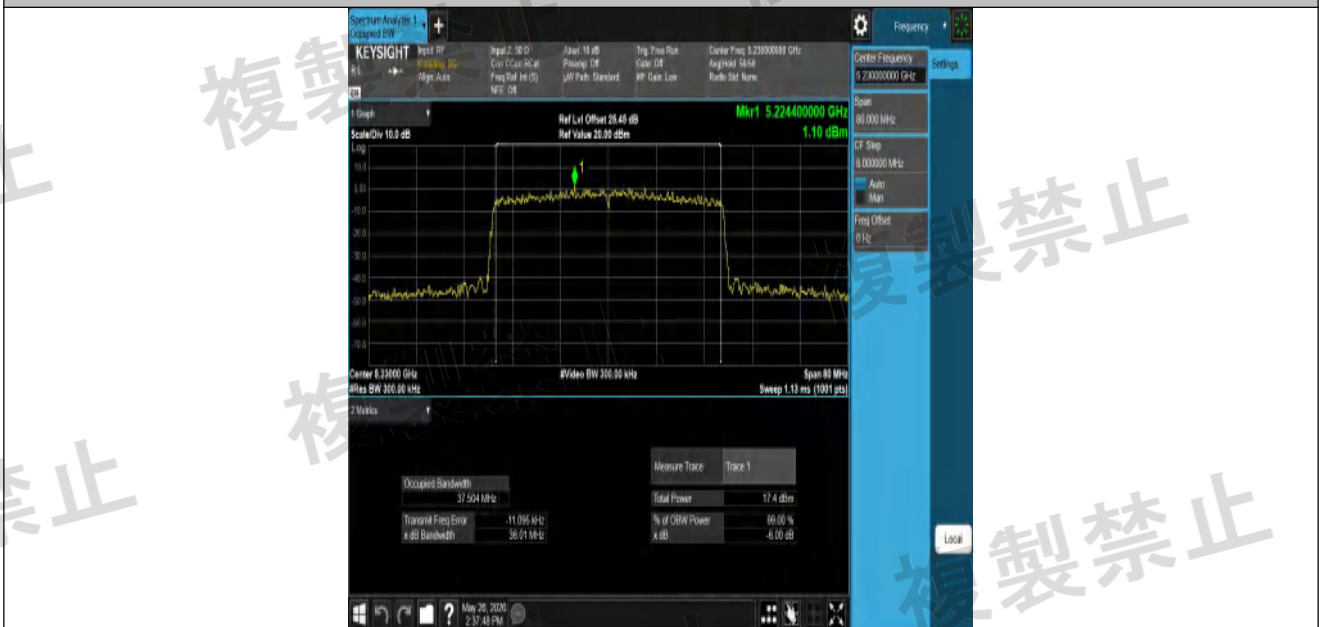








NTNV-11AX40MIMO-Ant1-5230-PASS



NTNV-11AX40MIMO-Ant2-5230-PASS



NTNV-11AX80MIMO-Ant1-5210-PASS



NTNV-11AX80MIMO-Ant2-5210-PASS

3.4 Adjacent Channel Power

LIMIT

Band 1:

For OBW 20MHz system

- 20MHz detuning: -25dBc/20MHz
- 40MHz detuning: -40dBc/20MHz

For OBW 40MHz system

- 40MHz detuning: -25dBc/40MHz
- 80MHz detuning: -40dBc/40MHz

For OBW 80MHz system

- 80MHz detuning: -25dBc/80MHz

For OBW 160MHz system

- N/A

TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram as TEST CONFIGURATION shows.
- Use Spectrum's ACP measurement function and set spectrum analyzer as follow:
- Spectrum Condition: Frequency: test frequency, Span: >4 times integrate bandwidth, RBW: 300 KHz, VBW: 300 KHz, Sweep time: Auto, Sweep mode: Continuous, Detector mode: Sample, Indication mode: Max hold

TEST RESULTS

TestCondition	TestMode	Antenna	Freq(MHz)	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11A	Ant1	5180	-40	-42.50	≤-40	PASS
				-20	-38.26	≤-25	PASS
				+20	-37.76	≤-25	PASS
				+40	-42.12	≤-40	PASS
		Ant2	5180	-40	-42.69	≤-40	PASS
				-20	-37.58	≤-25	PASS
				+20	-38.35	≤-25	PASS
				+40	-42.33	≤-40	PASS
		Ant1	5200	-40	-42.37	≤-40	PASS
				-20	-37.79	≤-25	PASS
				+20	-37.70	≤-25	PASS
				+40	-42.23	≤-40	PASS
		Ant2	5200	-40	-42.10	≤-40	PASS
				-20	-38.49	≤-25	PASS
				+20	-38.29	≤-25	PASS
				+40	-42.44	≤-40	PASS
		Ant1	5220	-40	-41.54	≤-40	PASS
				-20	-37.15	≤-25	PASS

		Ant2	5220	+20	-38.22	≤ -25	PASS
				+40	-41.89	≤ -40	PASS
				-40	-41.88	≤ -40	PASS
				-20	-37.78	≤ -25	PASS
				+20	-38.65	≤ -25	PASS
				+40	-42.25	≤ -40	PASS
		Ant1	5240	-40	-41.60	≤ -40	PASS
				-20	-38.11	≤ -25	PASS
				+20	-38.38	≤ -25	PASS
				+40	-42.29	≤ -40	PASS
		Ant2	5240	-40	-46.09	≤ -40	PASS
				-20	-34.98	≤ -25	PASS
				+20	-35.78	≤ -25	PASS
				+40	-46.78	≤ -40	PASS
	11N20MIMO	Ant1	5180	-40	-41.98	≤ -40	PASS
				-20	-36.51	≤ -25	PASS
				+20	-36.40	≤ -25	PASS
				+40	-41.64	≤ -40	PASS
		Ant2	5180	-40	-42.45	≤ -40	PASS
				-20	-36.91	≤ -25	PASS
				+20	-37.55	≤ -25	PASS
				+40	-42.01	≤ -40	PASS
		Ant1	5200	-40	-49.14	≤ -40	PASS
				-20	-37.95	≤ -25	PASS
				+20	-37.89	≤ -25	PASS
				+40	-49.05	≤ -40	PASS
		Ant2	5200	-40	-49.71	≤ -40	PASS
				-20	-38.08	≤ -25	PASS
				+20	-39.51	≤ -25	PASS
				+40	-49.77	≤ -40	PASS
		Ant1	5220	-40	-48.54	≤ -40	PASS
				-20	-37.39	≤ -25	PASS
				+20	-38.20	≤ -25	PASS
				+40	-48.95	≤ -40	PASS
		Ant2	5220	-40	-49.29	≤ -40	PASS
				-20	-37.40	≤ -25	PASS
				+20	-39.49	≤ -25	PASS
				+40	-49.62	≤ -40	PASS
		Ant1	5240	-40	-43.54	≤ -40	PASS
				-20	-36.39	≤ -25	PASS
				+20	-37.15	≤ -25	PASS
				+40	-44.23	≤ -40	PASS
		Ant2	5240	-40	-44.41	≤ -40	PASS
				-20	-37.82	≤ -25	PASS

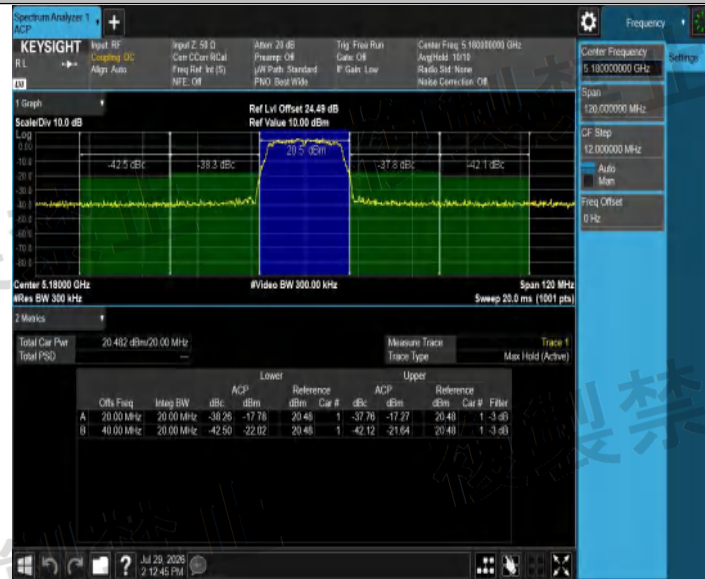
				+20	-38.11	≤ -25	PASS
				+40	-44.94	≤ -40	PASS
11N40MIMO	Ant1	5190		-80	-51.83	≤ -40	PASS
				-40	-41.57	≤ -25	PASS
				+40	-41.47	≤ -25	PASS
				+80	-52.07	≤ -40	PASS
				-80	-52.52	≤ -40	PASS
				-40	-41.06	≤ -25	PASS
	Ant2	5190		+40	-40.72	≤ -25	PASS
				+80	-52.67	≤ -40	PASS
				-80	-52.00	≤ -40	PASS
				-40	-41.31	≤ -25	PASS
	Ant1	5230		+40	-41.56	≤ -25	PASS
				+80	-52.55	≤ -40	PASS
				-80	-52.70	≤ -40	PASS
				-40	-40.80	≤ -25	PASS
	Ant2	5230		+40	-41.76	≤ -25	PASS
				+80	-53.20	≤ -40	PASS
11AC20MIMO	Ant1	5180		-40	-48.60	≤ -40	PASS
				-20	-36.85	≤ -25	PASS
				+20	-37.59	≤ -25	PASS
				+40	-48.21	≤ -40	PASS
	Ant2	5180		-40	-49.18	≤ -40	PASS
				-20	-38.03	≤ -25	PASS
				+20	-39.57	≤ -25	PASS
				+40	-48.80	≤ -40	PASS
	Ant1	5200		-40	-48.12	≤ -40	PASS
				-20	-37.56	≤ -25	PASS
				+20	-38.14	≤ -25	PASS
				+40	-48.17	≤ -40	PASS
	Ant2	5200		-40	-48.84	≤ -40	PASS
				-20	-38.40	≤ -25	PASS
				+20	-38.67	≤ -25	PASS
				+40	-48.87	≤ -40	PASS
	Ant1	5220		-40	-47.66	≤ -40	PASS
				-20	-37.63	≤ -25	PASS
				+20	-38.61	≤ -25	PASS
				+40	-48.22	≤ -40	PASS
	Ant2	5220		-40	-48.66	≤ -40	PASS
				-20	-37.50	≤ -25	PASS
				+20	-38.80	≤ -25	PASS
				+40	-49.02	≤ -40	PASS
	Ant1	5240		-40	-43.68	≤ -40	PASS
				-20	-37.07	≤ -25	PASS

		Ant2	5240	+20	-37.34	≤-25	PASS
				+40	-44.33	≤-40	PASS
				-40	-44.61	≤-40	PASS
				-20	-38.11	≤-25	PASS
				+20	-38.48	≤-25	PASS
				+40	-45.48	≤-40	PASS
	11AC40MIMO	Ant1	5190	-80	-51.67	≤-40	PASS
				-40	-41.21	≤-25	PASS
				+40	-42.43	≤-25	PASS
				+80	-51.86	≤-40	PASS
		Ant2	5190	-80	-51.98	≤-40	PASS
				-40	-42.17	≤-25	PASS
				+40	-40.16	≤-25	PASS
				+80	-52.55	≤-40	PASS
		Ant1	5230	-80	-52.50	≤-40	PASS
				-40	-41.34	≤-25	PASS
				+40	-42.06	≤-25	PASS
				+80	-53.07	≤-40	PASS
		Ant2	5230	-80	-52.36	≤-40	PASS
				-40	-42.87	≤-25	PASS
				+40	-43.91	≤-25	PASS
				+80	-53.26	≤-40	PASS
	11AC80MIMO	Ant1	5210	-80	-44.50	≤-25	PASS
				+80	-45.21	≤-25	PASS
		Ant2	5210	-80	-44.57	≤-25	PASS
				+80	-44.32	≤-25	PASS
	11AX20MIMO	Ant1	5180	-40	-49.39	≤-40	PASS
				-20	-28.65	≤-25	PASS
				+20	-30.08	≤-25	PASS
				+40	-49.14	≤-40	PASS
		Ant2	5180	-40	-49.97	≤-40	PASS
				-20	-29.25	≤-25	PASS
				+20	-28.45	≤-25	PASS
				+40	-49.66	≤-40	PASS
		Ant1	5200	-40	-49.27	≤-40	PASS
				-20	-29.61	≤-25	PASS
				+20	-29.53	≤-25	PASS
				+40	-49.28	≤-40	PASS
		Ant2	5200	-40	-49.71	≤-40	PASS
				-20	-27.41	≤-25	PASS
				+20	-29.12	≤-25	PASS
				+40	-49.80	≤-40	PASS
		Ant1	5220	-40	-48.92	≤-40	PASS
				-20	-28.84	≤-25	PASS

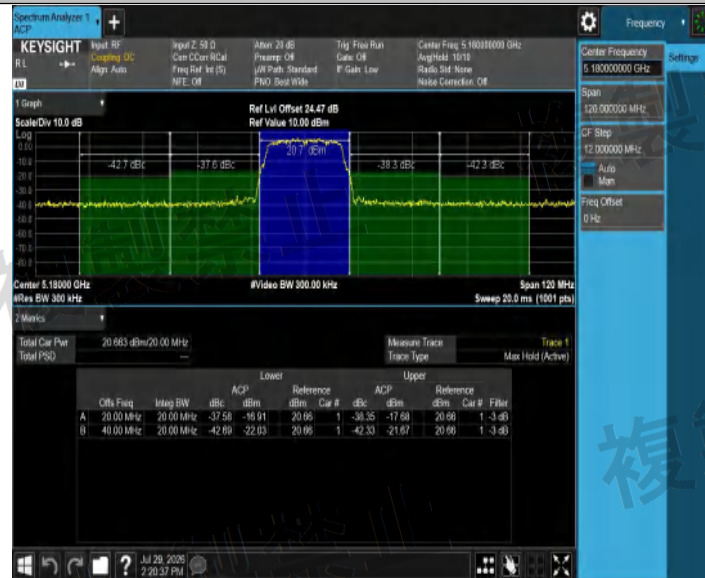
			5220	+20	-29.59	≤ -25	PASS
				+40	-49.21	≤ -40	PASS
				-40	-49.59	≤ -40	PASS
				-20	-29.43	≤ -25	PASS
				+20	-29.62	≤ -25	PASS
				+40	-50.21	≤ -40	PASS
		Ant1	5240	-40	-44.92	≤ -40	PASS
				-20	-40.43	≤ -25	PASS
				+20	-43.15	≤ -25	PASS
				+40	-45.71	≤ -40	PASS
		Ant2	5240	-40	-45.52	≤ -40	PASS
				-20	-40.45	≤ -25	PASS
				+20	-41.95	≤ -25	PASS
				+40	-46.30	≤ -40	PASS
	11AX40MIMO	Ant1	5190	-80	-53.53	≤ -40	PASS
				-40	-48.10	≤ -25	PASS
				+40	-47.81	≤ -25	PASS
				+80	-53.67	≤ -40	PASS
		Ant2	5190	-80	-53.38	≤ -40	PASS
				-40	-47.51	≤ -25	PASS
				+40	-46.36	≤ -25	PASS
				+80	-53.19	≤ -40	PASS
		Ant1	5230	-80	-53.50	≤ -40	PASS
				-40	-48.29	≤ -25	PASS
				+40	-47.80	≤ -25	PASS
				+80	-53.78	≤ -40	PASS
		Ant2	5230	-80	-54.06	≤ -40	PASS
				-40	-47.82	≤ -25	PASS
				+40	-46.54	≤ -25	PASS
				+80	-54.16	≤ -40	PASS
	11AX80MIMO	Ant1	5210	-80	-46.02	≤ -25	PASS
				+80	-46.13	≤ -25	PASS
		Ant2	5210	-80	-45.19	≤ -25	PASS
				+80	-43.60	≤ -25	PASS
				+80	-44.69	≤ -25	PASS
				+80	-44.69	≤ -25	PASS

TEST GRAPHS

NTNV_11A_Ant1_5180



NTNV_11A_Ant2_5180



NTNV_11A_Ant1_5200



NTNV_11A_Ant2_5200



NTNV_11A_Ant1_5220



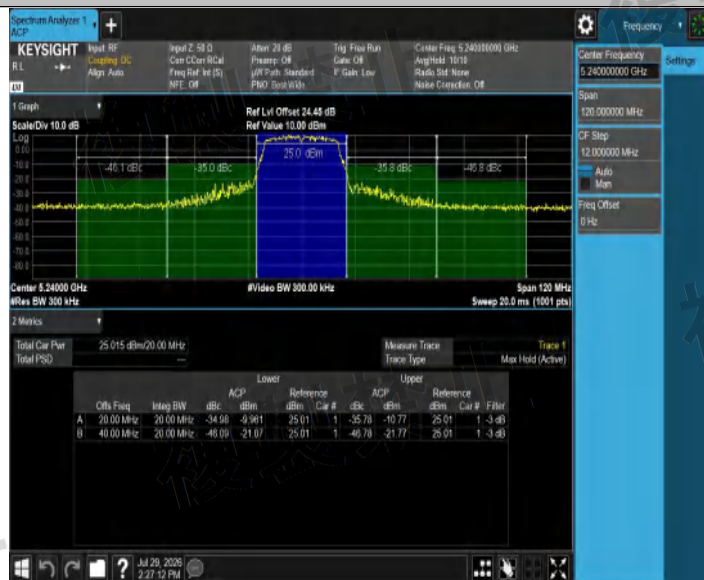
NTNV_11A_Ant2_5220



NTNV_11A_Ant1_5240



NTNV_11A_Ant2_5240



NTNV_11N20MIMO_Ant1_5180



NTNV_11N20MIMO_Ant2_5180



NTNV_11N20MIMO_Ant1_5200



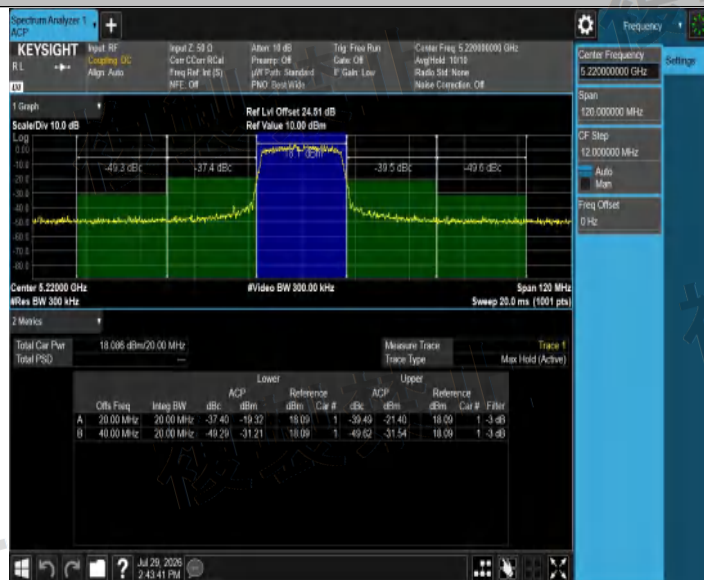
NTNV_11N20MIMO_Ant2_5200



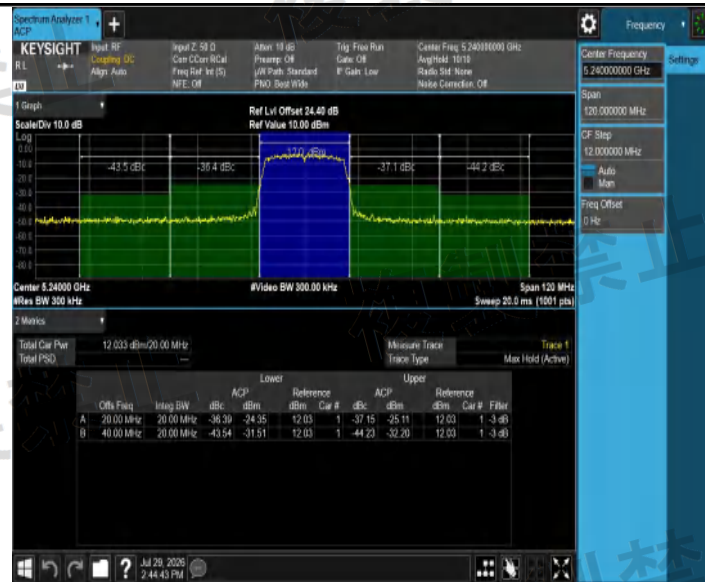
NTNV_11N20MIMO_Ant1_5220



NTNV_11N20MIMO_Ant2_5220



NTNV_11N20MIMO_Ant1_5240



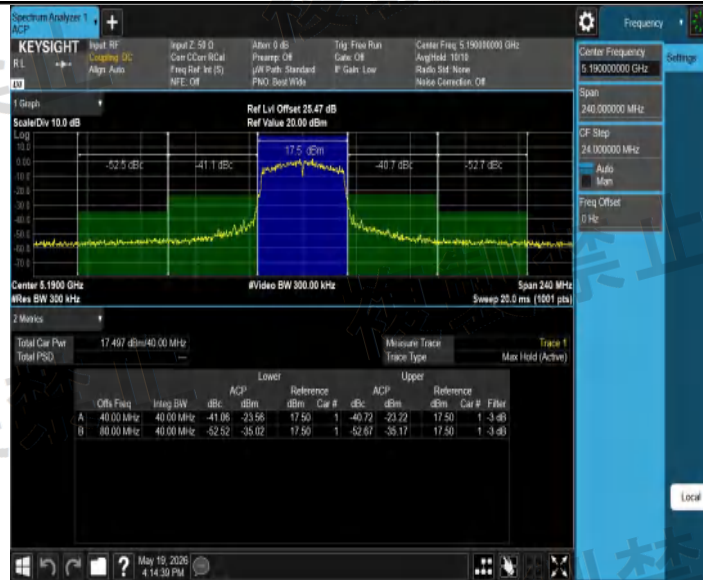
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NTNV_11N40MIMO_Ant1_5190



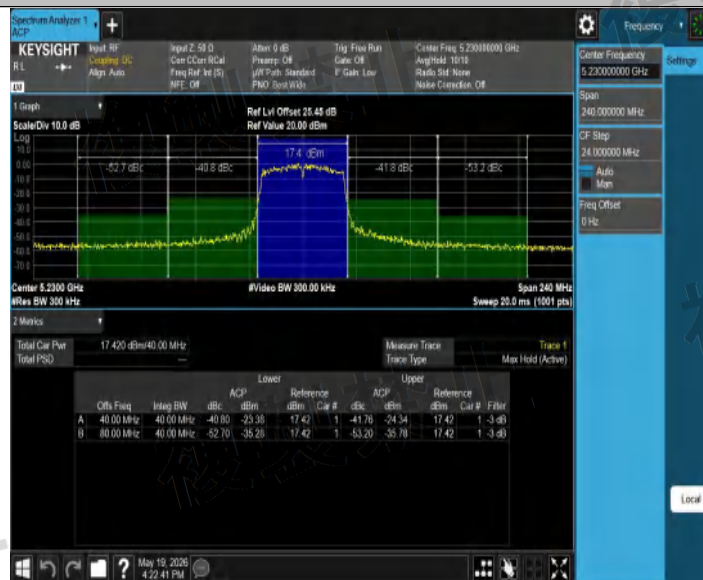
NTNV_11N40MIMO_Ant2_5190



NTNV_11N40MIMO_Ant1_5230



NTNV_11N40MIMO_Ant2_5230



NTNV_11AC20MIMO_Ant1_5180

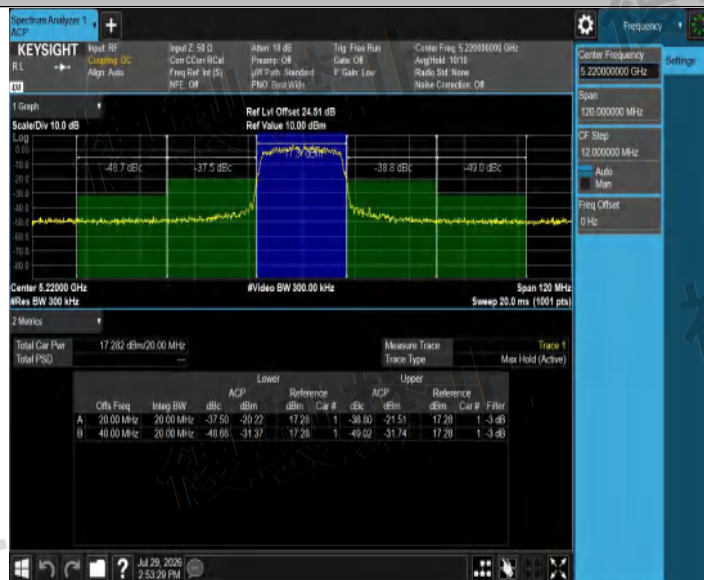




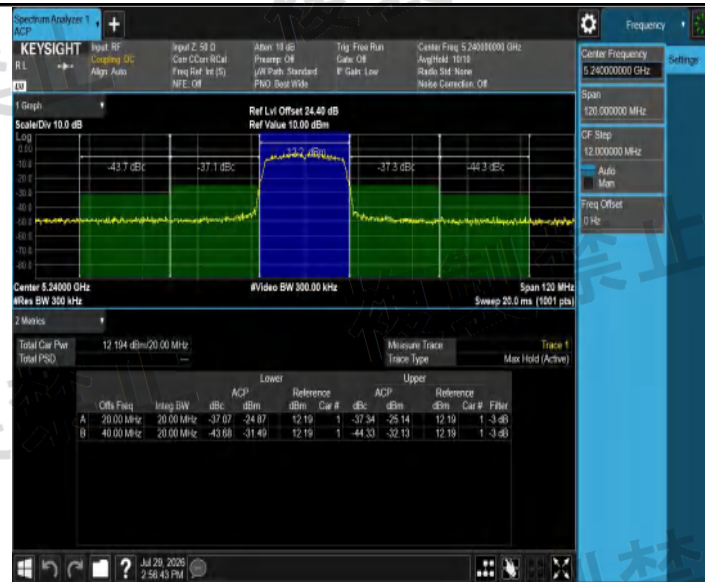
NTNV_11AC20MIMO_Ant1_5220



NTNV_11AC20MIMO_Ant2_5220



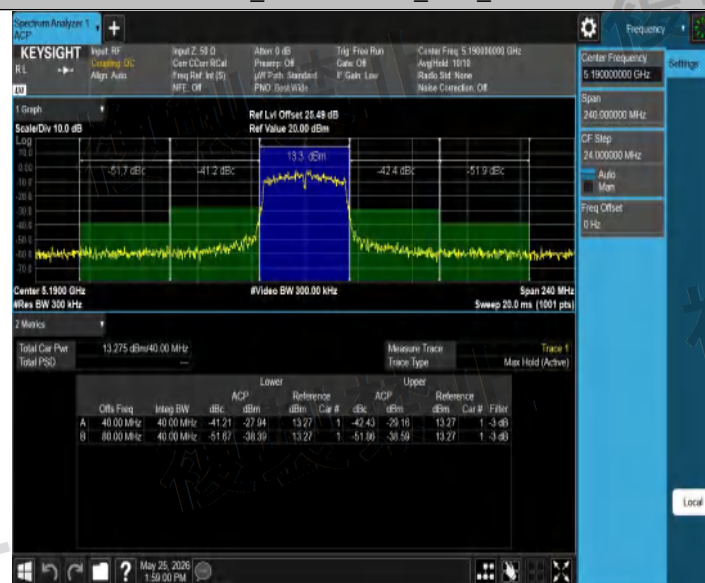
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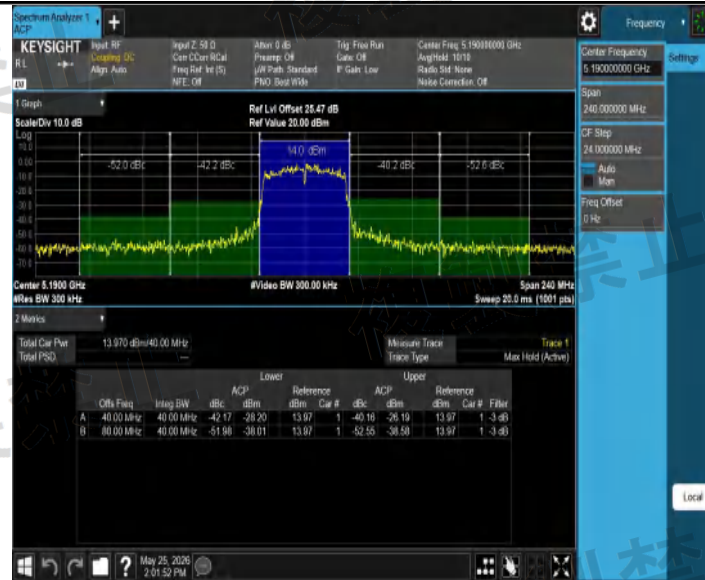
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NTNV_11AC40MIMO_Ant1_5190



NTNV_11AC40MIMO_Ant2_5190



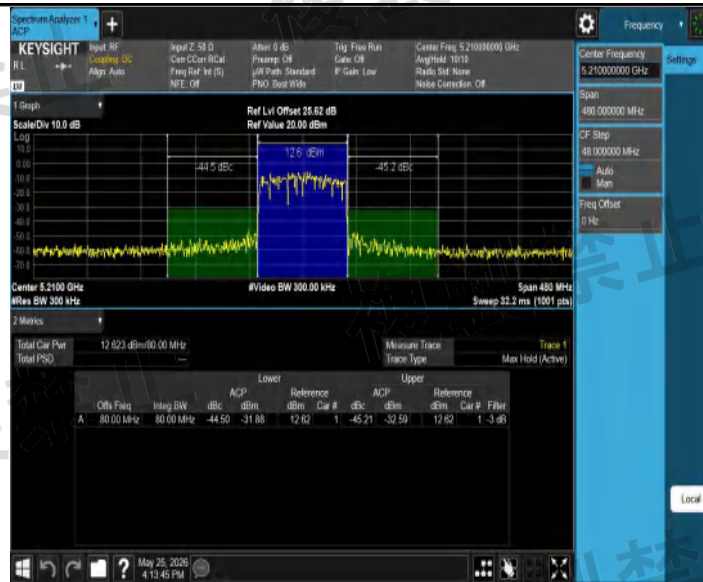
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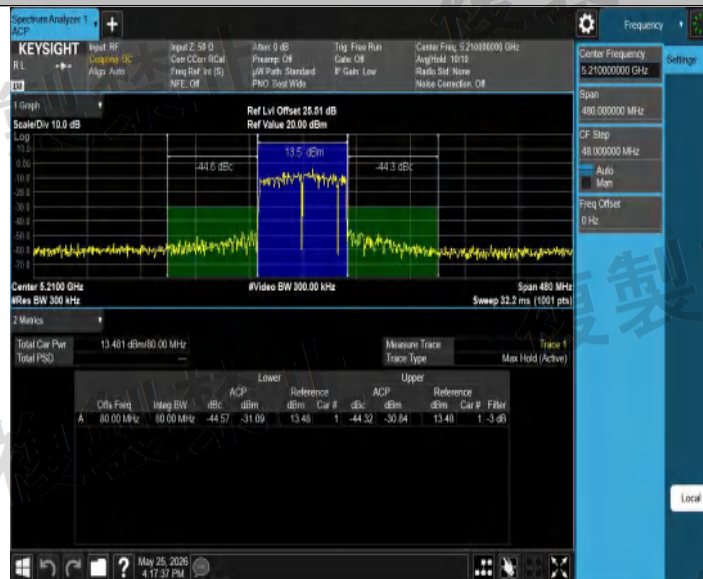
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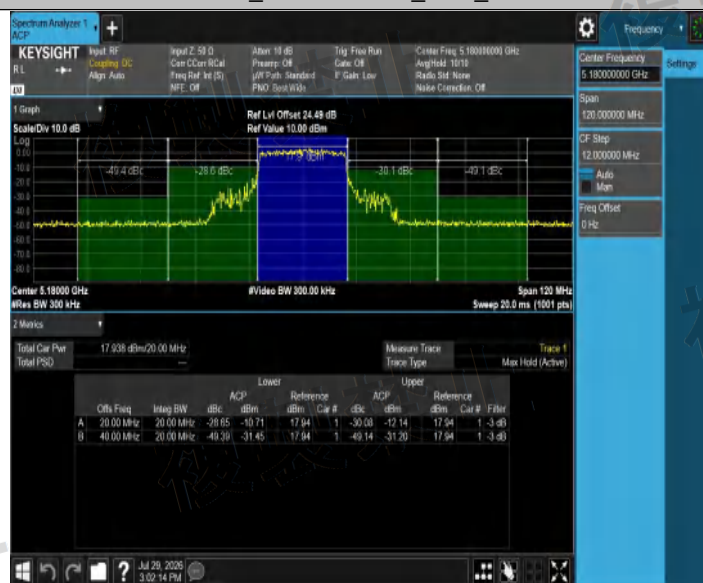
NTVN_11AC80MIMO_Ant1_5210



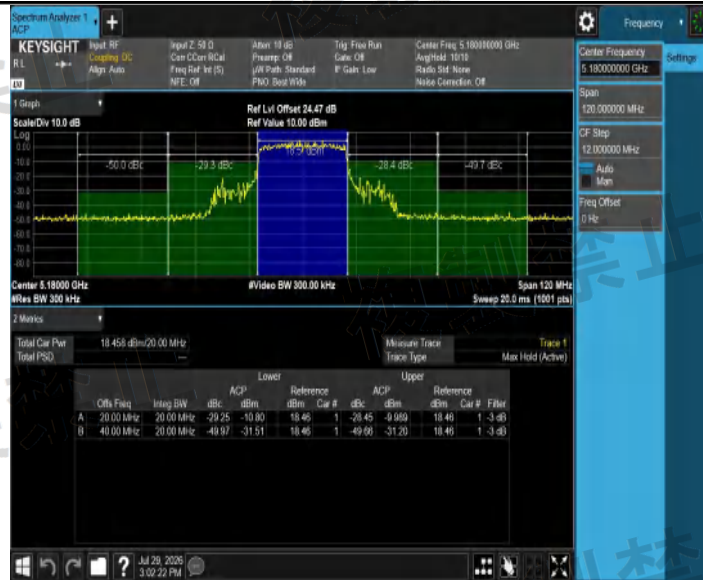
NTNV_11AC80MIMO_Ant2_5210



NTNV_11AX20MIMO_Ant1_5180



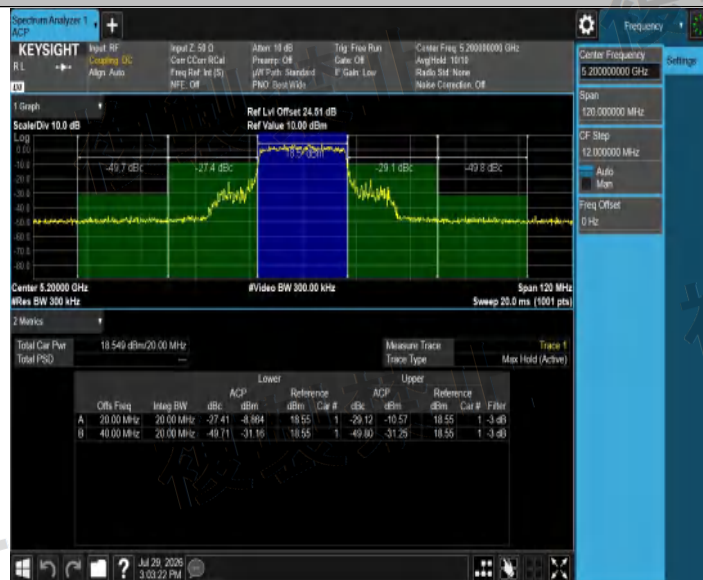
NTNV_11AX20MIMO_Ant2_5180



NTNV_11AX20MIMO_Ant1_5200



NTNV_11AX20MIMO_Ant2_5200



NTNV_11AX20MIMO_Ant1_5220