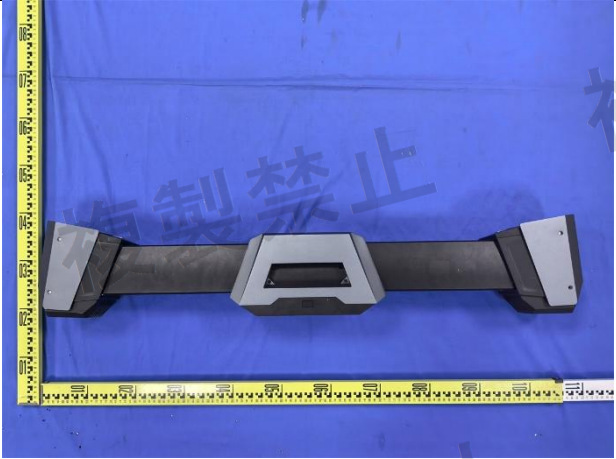


Prüfbericht-Nr.: Test report no.:	CN26PQBU 002	Auftrags-Nr.: Order no.:	27216713	Seite 1 von 28 Page 1 of 28
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2026-01-09	
Auftraggeber: Client:	Shining 3D Tech Co., Ltd. No. 1398 Xiangbin Road, Wenyan Street, Xiaoshan District, Hangzhou, Zhejiang, 311258, P.R. China			
Prüfgegenstand: Test item:	3D Scanner			
Bezeichnung / Typ-Nr.: Identification / Type no.:	FreeScan Trak ProW+			
Auftrags-Inhalt: Order content:	Test Report			
Prüfgrundlage: Test specification:	Article 2 Section 1 Item 19-3			
Wareneingangsdatum: Date of sample receipt:	2026-01-09			
Prüfmuster-Nr.: Test sample no.:	A004186586-001-003 A004186595-001			
Prüfzeitraum: Testing period:	2026-01-19 - 2026-04-12			
Ort der Prüfung: Place of testing:	Refer to section 2.1			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:	X <u>Bell Hu</u>		genehmigt von: authorized by:	X <u>Jonathan Li</u>
Datum: Date:	2026-05-15	Signed by: Bell Hu	Ausstellungsdatum: Issue date:	2026-05-15 Signed by: Jonathan Li
Stellung / Position:	Sachverständige(r)/Expert		Stellung / Position:	Sachverständige(r)/Expert
Sonstiges / Other:	This report is for 5GHz Wi-Fi. Model: FreeScan Trak ProW+ Sub-Model: FreeTrak LT			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
* Legend:	P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable	N/T = not tested
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.				

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Test report no.:

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Anmerkungen
Remarks

- | | |
|---|--|
| 1 | <p>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben.</p> <p>Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</p> <p><i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i></p> |
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| 3 | <p>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben.</p> <p>Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</p> <p><i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i></p> <p><i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i></p> |
| 4 | <p>Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019.</p> <p><i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i></p> |

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1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test result of Wi-Fi 5 GHz Band

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2 Test Sites

2.1 Test Facilities

Shenzhen PSI Testing Co., Ltd.

1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road, Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

A2LA Certificate Number: 6975.01
CNAS Registration Number: CNAS L19010

The tests at the test sites have been conducted under the supervision of a TÜV engineer.

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

JRF							
Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. until	Calibration Body	Calibration Method*
Spectrum analyzer	Agilent	N9020A	MY51281067	2025.12.18	2026.12.17	CCIC*	c
RF Power Probe	Rohde&Schwarz	NRP-Z11	1138.3004.02-1111533-Fz	2025.12.18	2026.12.17	CCIC	c
Vector Signal Generator	Agilent	N5182A	MY47420724	2025.12.18	2026.12.17	CCIC	c

Calibration Method:

- a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1)
- b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)
- 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)
- d) Calibration conducted by using measuring instruments and other equipment listed in the right column of Table No. 3 attached hereto, which shall have been given any of calibration, etc. listed above from a) to c)

* China Certification & Inspection (Group) Co., Ltd. (CCIC)

2.3 Uncertainty of Measurement

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in TR 100 028-1.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Table 2: Measurement Uncertainty

Parameter	Uncertainty
Uncertainty for radio frequency	48.24KHz
Uncertainty for conducted RF Power	0.41dB
Uncertainty for Power Spectral Density	0.39 dB
Occupied-Bandwidth	968Hz
Conducted-Spurious Emission	1.26dB

3 General Product Information

3.1 Product Function and Intended Use

The Product is 3D Scanner which supports 2.4GHz SRD and 5GHz Wi-Fi functions.

This report is for 5GHz Wi-Fi operation only.

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

General Information of EUT	Description
Kind of Equipment:	3D Scanner
Type Designation:	FreeTrak LT
Model number:	Model: FreeScan Trak ProW+ Sub-Model: FreeTrak LT
Trademark:	SHINING 3D
MIC ID:	201-260276
Operating Voltage:	24V DC
Operating Temperature Range:	-10 °C ~ +40 °C
Radiofrequency operating mode:	1) 2.4GHz SRD: operating within 2400-2483.5MHz 2) 5.2GHz Wi-Fi: operating with 5150-5250MHz
Hardware release No.:	A030
Software release No.:	2.3.1.0
Technical Specification of Wi-Fi 802.11a/n/ac/ax	
Characteristic	Description
Frequency Range:	5150-5240MHz
Type of Modulation:	OFDM, OFDMA
Channel Number:	7 channels
Data Rate:	6/9/12/18/24/36/48/54 Mbps for 802.11a MCS0~MCS 7 for 802.11n MCS0~MCS9 for 802.11ac MCS0~MCS11 for 802.11ax* (All data rates considered, only the Worst-cases reported) *Only Full RU mode supported in 802.11ax.
Channel Separation:	20MHz, 40MHz, 80MHz
Antenna Type:	Integral Antennas
Number of Antenna:	2 (SISO and MIMO supported), no beamforming
Antenna Gain:	Ant1/2: 1.77dBi (Provided by client)
rated RF output power:	Please refer to Note 1
Conducted RF output power:	Please refer to Note 1
EIRP output power:	Please refer to Note 1

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Note 1: The power table as below table:

5.2GHz Wi-Fi			
Mode	Rated power density(mW/MHz)	Conducted power density(mW/MHz)	EIRP power density (mW/MHz)
802.11a	5	1.96	2.897
802.11n(HT20)	10	3.16	5.689
802.11n(HT40)	5.00	2.24	3.319
802.11ac(VHT20)	10	3.94	5.821
802.11ac(VHT40)	5.00	2.25	3.334
802.11ac(VHT80)	2.00	0.61	0.902
802.11ax(HE20)	10	2.84	4.207
802.11ax(HE40)	5.00	2.31	3.428
802.11ax(HE80)	2.00	0.75	1.104

Table 4: RF Channel and Frequency of 5.2GHz Wi-Fi

5.2GHz Wi-Fi					
20MHz Bandwidth		40MHz Bandwidth		80MHz Bandwidth	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

3.3 Antenna Specifications

3.3.1 Antenna Gain

Ant. Type	Connector Type	Highest Peak Gain (dBi) 5.15GHz ~ 5.25GHz
Integral Antenna	IPEX	Ant1/2: 1.77dBi Max(Provided by the client)

3.3.2 Antenna Pattern

Please refer to the attached file (Antenna report).

3.4 Noise Generating and Noise Suppressing Parts

For details refer to the Circuit Diagram.

3.5 Submitted Documents

- Application Form
- User Manual
- Rating Label
- Operation Description

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5 and chapter 6

According to clause 3.1, all tests were performed on model FreeTrak LT in this report.

Table 5: Test Conditions

Test conditions	Unit
Voltage _{normal}	3.3V dc
Voltage _{max}	3.3V dc
Voltage _{min}	3.3V dc
Temperature	24.1 deg.C
Humidity	51 %

Note: During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/-1%. Exempt extremely high and low supply voltage condition test, EUT only operated in normal voltage to test all regulations.

4.3 Special Accessories and Auxiliary Equipment

Table 6: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	Remark
Hub	Shining 3D Tech Co., Ltd.	/	/
Adapter	Huntkey	HKA300240A3-A07	Input: 100-240V AC Output: DC 24V/1.5A, 300W
Notebook PC(EMC)	Dell	Latitude 3490	2TJSXR2

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

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5 Test Results

5.1 Frequency Tolerance Measurement

5.1.1 Limits of Frequency Tolerance Measurement

Tolerance of frequency shall be +/- 50ppm

5.1.2 Test Setup



5.1.3 Condition of Measuring Instrument

- (1) As a frequency meter, use a frequency counter or spectrum analyzer (with a synthesizer type local oscillator).
- (2) The measurement accuracy of the frequency meter shall be 1/10 or less of the allowable value specified in the Equipment Regulations.
- (3) When measuring burst waves, set the gate open time to the time that allows the entire burst section to be measured.

5.1.4 Condition of Test Equipment

- (1) Set the test frequency and transmit.
- (2) Stop modulation and continuously transmit non-modulated waves. However, if modulation is stopped and continuous transmission of unmodulated waves cannot be performed, continuous burst transmission of unmodulated waves or a modulation state that produces a characteristic frequency spectrum whose frequency can be measured by a spectrum analyzer is used.

5.1.5 Measurement procedure

- (1) In the case of unmodulated waves (continuous or continuous burst), measure directly with a frequency meter.
- (2) In the case of burst waves, measure for the time period when sufficient accuracy is obtained, calculate the average value, and use it as the measured value.
- (3) If the test mode produces a characteristic frequency spectrum, measure the frequency of that spectrum with a spectrum analyzer.

5.1.6 Test Results

Result **PASS**

For the measurement records, refer to the appendix A.

Remark: This testing was carried out on all operation modes, but only the worst case was presented in this report.

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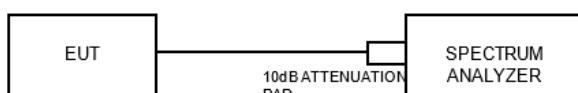
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5.2 Occupied Bandwidth Measurement (99% Power Bandwidth)

5.2.1 Limits of Occupied Bandwidth Measurement

Item	Operating Band	Limit	Remark
Occupied bandwidth	W52 & W53	<18MHz	802.11a/n(HT20)/ac(VHT20)
Occupied bandwidth	W56	<20MHz	802.11a/n(HT20)/ac(VHT20)
Occupied bandwidth	W52 & W53 & W56	<20MHz	802.11ax(HE20)
Occupied bandwidth	W52 & W53 & W56	<40MHz	802.11n(HT40)/ac(VHT40)/ax(HE40)
Occupied bandwidth	W52 & W53 & W56	<80MHz	802.11ac(VHT80)/ax(HE80)
Occupied bandwidth	W52 & W53 & W56	<160MHz	802.11ac(VHT160)/ax(HE160)

5.2.2 Test Setup



5.2.3 Measuring Instrument Conditions

Set the spectrum analyzer as follows.

Center frequency: Test frequency

Sweep frequency width From about 2 times to about 3.5 times the allowable value specified in the equipment regulations

Resolution bandwidth: 3% or less of the allowable value specified in the equipment regulations

Video bandwidth: Same as resolution bandwidth

Input level : The level at which the carrier wave level can be measured without being affected by the noise level of the spectrum analyzer.

Sweep time: Minimum time for guaranteed measurement accuracy

(In the case of burst waves, when more than 1 burst per sample)

Sweep mode: Continuous sweep

Detection mode: Positive peak (Note)

Display mode: Max hold (Note)

Note: For OFDM and other than burst waves, the following shall apply.

Average processing times 10 times or more

Detection mode sample

5.2.4 Test Results

Result

PASS

For the measurement records, refer to the appendix A.

Remark: This testing was carried out on all operation modes, but only the worst case was presented in this report.

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5.3 Spurious Emissions for Transmitter Measurement

5.3.1 Limits of Spurious Emissions

W52 & W53 bands: 802.11a /n (HT20)/ax (HE20) /ac(VHT20)

Frequencies (MHz)	Limit
OBW $\leq$ 18MHz	
30.0MHz to 1000.0MHz	$\leq 0.25 \text{ uW/100kHz}$
1000.0MHz to 5140.0MHz	$\leq 2.5 \text{ uW/MHz}$
5360.0MHz to 26000.0MHz	$\leq 2.5 \text{ uW/MHz}$
18MHz < OBW < 20MHz	
30.0MHz to 1000.0MHz	$\leq 0.25 \text{ uW/100kHz}$
1000.0MHz to 5135.0MHz	$\leq 2.5 \text{ uW/MHz}$
5365.0MHz to 26000.0MHz	$\leq 2.5 \text{ uW/MHz}$

W52 & W53 bands: 802.11n (HT40)/ax (HE40)/ac(VHT40)

Frequencies (MHz)	Limit
30.0MHz ~ 1000.0MHz	$\leq 0.25 \text{ uW/100kHz}$
1000.0MHz ~ 5100.0MHz	$\leq 2.5 \text{ uW/MHz}$
5400.0MHz ~ 26000.0MHz	$\leq 2.5 \text{ uW/MHz}$

W52 & W53 bands: 802.11ac (VHT80)/ ax (HE80)

Frequencies (MHz)	Limit
30.0MHz ~ 1000.0MHz	$\leq 0.25 \text{ uW/100kHz}$
1000.0MHz ~ 5020.0MHz	$\leq 2.5 \text{ uW/MHz}$
5480.0MHz ~ 26000.0MHz	$\leq 2.5 \text{ uW/MHz}$

W56 band: 802.11a /n (HT20)/ax (HE20) /ac(VHT20)

Frequencies (MHz)	Limit
30.0MHz to 1000.0MHz	$\leq 0.25 \text{ uW/100kHz}$
1000.0MHz ~ 5455.0MHz	$\leq 2.5 \text{ uW/MHz}$
5745.0MHz ~ 26000.0MHz	$\leq 2.5 \text{ uW/MHz}$

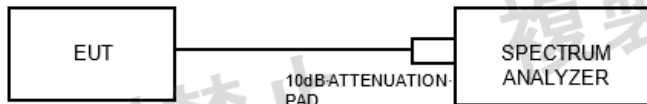
W56 band: 802.11n (HT40)/ax (HE40)/ac(VHT40)

Frequencies (MHz)	Limit
30.0MHz to 1000.0MHz	$\leq 0.25 \text{ uW/100kHz}$
1000.0MHz ~ 5420.0MHz	$\leq 2.5 \text{ uW/MHz}$
5760.0MHz ~ 26000.0MHz	$\leq 2.5 \text{ uW/MHz}$

W56 band: 802.11ac (VHT80)/ ax (HE80)

Frequencies (MHz)	Limit
30.0MHz to 1000.0MHz	$\leq 0.25 \text{ uW/100kHz}$
1000.0MHz ~ 5340.0MHz	$\leq 2.5 \text{ uW/MHz}$
5800.0MHz ~ 26000.0MHz	$\leq 2.5 \text{ uW/MHz}$

5.3.2 Test Setup



5.3.3 Conditions of the measuring instrument

- (1) The spectrum analyzer when searching for **unwanted emissions** is set as follows.
- | | |
|-----------------------|---|
| Sweep frequency width | 30MHz to 26GHz (Note) |
| Resolution bandwidth | 1MHz |
| Video bandwidth | Same as resolution bandwidth |
| Y-axis scale | 10dB/Div |
| Input level | Maximum dynamic range value |
| Sweep time | The minimum time for which measurement accuracy is guaranteed (in the case of burst waves, it can be longer than the time obtained by "(sweep frequency width (MHz))/resolution |

bandwidth (MHz)) × burst period (s)".) It can be longer than the time required

Number of data points	400 or more data points
Sweep mode	Single sweep

Detection mode **positive peak**

- (2) Set the spectrum analyzer as follows when measuring unwanted emission amplitude.
- | | |
|-----------------------|---|
| Center frequency | Unwanted emission frequency (searched frequency) |
| Sweep frequency width | 0Hz |
| Resolution bandwidth | 1MHz |
| Video bandwidth | Same as resolution bandwidth |
| Y-axis scale | 10dB/Div |
| Input level | Maximum dynamic range value |
| Sweep time | The minimum time for which the measurement accuracy is guaranteed (in the case of burst waves, the duration of one burst or more) |
| Number of data points | 400 or more data points |
| Sweep mode | Single sweep |
| Detection mode | sample |

6 Others

(1) In 2(2), the detection mode of the spectrum analyzer at the time of amplitude measurement can use RMS (referred to as the true value of power) instead of sampling.

(2) In (1), if the burst time rate (Note) of unwanted emission is obtained for each unwanted emission frequency, the sweep frequency width can be set to about 10 MHz in (2).

Note: Burst time rate = time during which radio waves are emitted/burst period

5.3.4 Test Results

Result **PASS**

For the measurement records, refer to the appendix A.

Remark: This testing was carried out on all operation modes, but only the worst case was presented in this report.

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5.4 Out-Band Leakage Power

5.4.1 Limits of Out-Band Leakage Power (EIRP)

W52 band: 802.11a /n (HT20)/ax (HE20) /ac(VHT20)

Frequencies (MHz)	Limit
OBW $\leq$ 18MHz	
$5140.0 \leq f_o \leq 5142.0\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
$5142.0 < f_o \leq 5150.0\text{MHz}$	$\leq 15.0 \text{ uW/MHz}$
$5250.0 \leq f_o < 5251.0\text{MHz}$	$\leq 10.0^{1-(f-9)} \text{ mW/MHz}$
$5251.0 \leq f_o < 5260.0\text{MHz}$	$\leq 10.0^{1-(8/90)(f-11)} \text{ mW/MHz}$
$5260.0 \leq f_o < 5266.7\text{MHz}$	$\leq 10.0^{-1.8-(6/50)(f-20)} \text{ mW/MHz}$
$5266.7 \leq f_o \leq 5360.0\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
18MHz < OBW < 19MHz	
$5135.0 \leq f_o \leq 5142.0\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
$5142.0 < f_o \leq 5150.0\text{MHz}$	$\leq 15.0 \text{ uW/MHz}$
$5250.0 \leq f_o < 5251.0\text{MHz}$	$\leq 10.0^{1-(f-9)} \text{ mW/MHz}$
$5251.0 \leq f_o < 5260.0\text{MHz}$	$\leq 10.0^{1-(8/90)(f-11)} \text{ mW/MHz}$
$5260.0 \leq f_o < 5266.7\text{MHz}$	$\leq 10.0^{-1.8-(6/50)(f-20)} \text{ mW/MHz}$
$5266.7 \leq f_o \leq 5365.0\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$

W52 band: 802.11n (HT40)/ax (HE40)/ac(VHT40)

Frequencies (MHz)	Limit
$5100.0 \leq f_o \leq 5141.6\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
$5141.6 < f_o \leq 5150.0\text{MHz}$	$\leq 15.0 \text{ uW/MHz}$
$5250.0 \leq f_o < 5251.0\text{MHz}$	$\leq 10.0^{-(f-20)+\log(1/2)} \text{ mW/MHz}$
$5251.0 \leq f_o < 5270.0\text{MHz}$	$\leq 10.0^{-(8/190)(f-21)-1+\log(1/2)} \text{ mW/MHz}$
$5270.0 \leq f_o < 5278.4\text{MHz}$	$\leq 10.0^{-(3/50)(f-40)-1.8+\log(1/2)} \text{ mW/MHz}$
$5278.4 \leq f_o \leq 5400.0\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$

W52 band: 802.11ac (VHT80)/ ax (HE80)

Frequencies (MHz)	Limit
$5020.0 \leq f_o \leq 5123.2\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
$5123.2 < f_o \leq 5150.0\text{MHz}$	$\leq 15.0 \text{ uW/MHz}$
$5250.0 \leq f_o < 5251.0\text{MHz}$	$\leq 10.0^{-(f-40)+\log(1/4)} \text{ mW/MHz}$
$5251.0 \leq f_o < 5290.0\text{MHz}$	$\leq 10.0^{-(8/390)(f-41)-1+\log(1/4)} \text{ mW/MHz}$
$5290.0 \leq f_o < 5296.7\text{MHz}$	$\leq 10.0^{-(3/100)(f-80)-1.8+\log(1/4)} \text{ mW/MHz}$
$5296.7 \leq f_o \leq 5480.0\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$

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W53 band: 802.11a /n (HT20)/ax (HE20) /ac(VHT20)

Frequencies (MHz)	Limit
OBW $\leq$ 18MHz	
$5140.0 \leq f_o \leq 5233.3\text{MHz}$	$\leq 2.5 \mu\text{W/MHz}$
$5233.3 < f_o \leq 5240.0\text{MHz}$	$\leq 10.0^{-1.8-(6/50)(f-20)}\text{mW/MHz}$
$5240.0 < f_o \leq 5249.0\text{MHz}$	$\leq 10.0^{-1-(8/90)(f-11)}\text{mW/MHz}$
$5249.0 < f_o \leq 5250.0\text{MHz}$	$\leq 10.0^{1-(f-9)}\text{mW/MHz}$
$5350.0 \leq f_o \leq 5360.0\text{MHz}$	$\leq 2.5 \mu\text{W/MHz}$
18MHz < OBW < 19MHz	
$5135.0 \leq f_o \leq 5233.3\text{MHz}$	$\leq 2.5 \mu\text{W/MHz}$
$5233.3 < f_o \leq 5240.0\text{MHz}$	$\leq 10.0^{-1.8-(6/50)(f-20)}\text{mW/MHz}$
$5240.0 < f_o \leq 5249.0\text{MHz}$	$\leq 10.0^{-1-(8/90)(f-11)}\text{mW/MHz}$
$5249.0 < f_o \leq 5250.0\text{MHz}$	$\leq 10.0^{1-(f-9)}\text{mW/MHz}$
$5350.0 \leq f_o \leq 5365.0\text{MHz}$	$\leq 2.5 \mu\text{W/MHz}$

W53 band: 802.11n (HT40)/ax (HE40)/ac(VHT40)

Frequencies (MHz)	Limit
$5100.0 \leq f_o \leq 5210.0\text{MHz}$	$\leq 2.5 \mu\text{W/MHz}$
$5210.0 < f_o \leq 5221.6\text{MHz}$	$\leq 2.5 \mu\text{W/MHz}$
$5221.6 < f_o \leq 5230.0\text{MHz}$	$\leq 10.0^{-(3/50)(f-40)-1.8+\log(1/2)}\text{mW/MHz}$
$5230.0 < f_o \leq 5249.0\text{MHz}$	$\leq 10.0^{-(8/190)(f-21)-1+\log(1/2)}\text{mW/MHz}$
$5249.0 < f_o \leq 5250.0\text{MHz}$	$\leq 10.0^{-(f-20)+\log(1/2)}\text{mW/MHz}$
$5350.0 \leq f_o < 5358.4\text{MHz}$	$\leq 15 \mu\text{W/MHz}$
$5358.4 \leq f_o \leq 5400.0\text{MHz}$	$\leq 2.5 \mu\text{W/MHz}$

W53 band: 802.11ac (VHT80)/ ax (HE80)

Frequencies (MHz)	Limit
$5020.0 \leq f_o \leq 5203.3\text{MHz}$	$\leq 2.5 \mu\text{W/MHz}$
$5203.3 < f_o \leq 5210.0\text{MHz}$	$\leq 10.0^{-(3/100)(f-80)-1.8+\log(1/4)}\text{mW/MHz}$
$5210.0 < f_o \leq 5249.0\text{MHz}$	$\leq 10.0^{-(8/390)(f-41)-1+\log(1/4)}\text{mW/MHz}$
$5249.0 < f_o \leq 5250.0\text{MHz}$	$\leq 10.0^{-(f-40)+\log(1/4)}\text{mW/MHz}$
$5350.0 \leq f_o < 5376.8\text{MHz}$	$\leq 15 \mu\text{W/MHz}$
$5376.8 \leq f_o \leq 5480.0\text{MHz}$	$\leq 2.5 \mu\text{W/MHz}$

W56 band: 802.11a /n (HT20)/ax (HE20) /ac(VHT20)

Frequencies (MHz)	Limit
$5455 \leq f_o \leq 5460\text{MHz}$	$\leq 2.5 \mu\text{W/MHz}$
$5460 < f_o \leq 5470\text{MHz}$	$\leq 12.5 \mu\text{W/MHz}$
$5725 \leq f_o < 5740\text{MHz}$	$\leq 12.5 \mu\text{W/MHz}$
$5740 \leq f_o \leq 5745\text{MHz}$	$\leq 2.5 \mu\text{W/MHz}$

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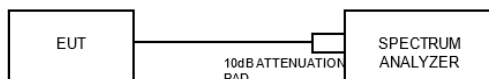
W56 band: 802.11n (HT40)/ax (HE40)/ac(VHT40)

Frequencies (MHz)	Limit
$5420 \leq f_o \leq 5460\text{MHz}$	$\leq 12.5 \mu\text{W/MHz}$
$5460 < f_o \leq 5470\text{MHz}$	$\leq 50 \mu\text{W/MHz}$
$5725 \leq f_o \leq 5760\text{MHz}$	$\leq 12.5 \mu\text{W/MHz}$

W56 band: 802.11ac (VHT80)/ ax (HE80)

Frequencies (MHz)	Limit
$5340 \leq f_o \leq 5460\text{MHz}$	$\leq 12.5 \mu\text{W/MHz}$
$5460 < f_o \leq 5469.5\text{MHz}$	$\leq 50 \mu\text{W/MHz}$
$5469.5 < f_o \leq 5470\text{MHz}$	$\leq 51.2 \mu\text{W/MHz}$
$5725 \leq f_o \leq 5800\text{MHz}$	$\leq 12.5 \mu\text{W/MHz}$

5.4.2 Test Setup



5.4.3 Conditions of the measuring instrument

- (1) Use a carrier suppression filter as necessary.
- (2) The settings of the spectrum analyzer when searching for spurious are as follows.

Sweep frequency width	Search for spurious from the lowest possible frequency to three times or more of the carrier frequency.
Resolution bandwidth	100 kHz below 1 GHz, 1 MHz above 1 GHz
Video bandwidth	Same as resolution bandwidth
Y-axis scale	10dB/Div
Input level	Maximum dynamic range value
Sweep time	Minimum time for guaranteed measurement accuracy
Number of data points	400 or more data points
Sweep mode	Single sweep
Detection mode	positive peak
- (3) Set the spectrum analyzer for spurious measurement as follows.

Center frequency	Searched spurious frequency
Sweep frequency	0Hz
Resolution bandwidth	10 kHz below 30 MHz, 100 kHz between 30 MHz and 1 GHz, 1 MHz above 1 GHz
Video bandwidth	Same as resolution bandwidth
Y-axis scale	10dB/Div
Input level	Set the amplitude of the carrier wave near the maximum in the linear region of the mixer.
Sweep time	Minimum time for guaranteed measurement accuracy
Number of data points	400 or more data points
Sweep mode	Single sweep
Detection mode	sample



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5.4.4 Test Results

Result **PASS**

For the measurement records, refer to the appendix A.

Remark: This testing was carried out on all operation modes, but only the worst case was presented in this report.

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5.5 Adjacent Channel Leakage Power

5.5.1 Limits of Adjacent Channel Leakage Power

802.11a /n (HT20)/ax (HE20) /ac(VHT20):

Frequencies (MHz)	Limit
Mean Power 20MHz Distance of Carrier	-25dB
Mean Power 40MHz Distance of Carrier	-40dB

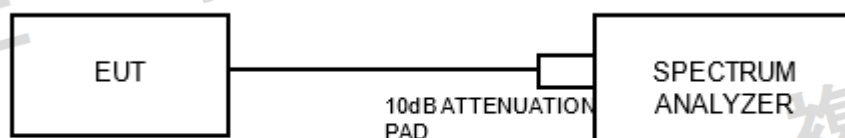
802.11n (HT40)/ax (HE40)/ac(VHT40):

Frequencies (MHz)	Limit
Mean Power 40MHz Distance of Carrier	-25dB
Mean Power 80MHz Distance of Carrier	-40dB

802.11ac (VHT80)/ ax (HE80):

Frequencies (MHz)	Limit
Mean Power 80MHz Distance of Carrier	-25dB

5.5.2 Test Setup



5.5.3 Test Results

Result **PASS**

For the measurement records, refer to the appendix A.

Remark: This testing was carried out on all operation modes, but only the worst case was presented in this report.

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5.6 Antenna Power Measurement

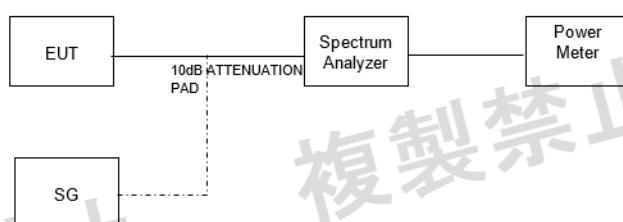
5.6.1 Limits of Antenna Power

W52 band				
Mode	802.11a / 802.11n(HT20) / ax (HE20) /ac(VHT20)	802.11n(HT40)/ ax(HE40)/ ac(VHT40)	802.11ac(VHT80)/ ax(HE80)	802.11ac(VHT160)/ ax(HE160)
Output power	10mW/MHz	5mW/MHz	2.5mW/MHz	1.3mW/MHz
E.I.R.P	10mW/MHz	5mW/MHz	2.5mW/MHz	0.625mW/MHz

W53 band			
Mode	802.11a / 802.11n(HT20) / ax (HE20) /ac(VHT20)	802.11n(HT40)/ax40	802.11ac(VHT80)/ ax80
Output power	10mW/MHz	5mW/MHz	2.5mW/MHz
E.I.R.P (with TPC)	10mW/MHz	5mW/MHz	2.5mW/MHz

W56 band				
Mode	802.11a / 802.11n(HT20) / ax (HE20) /ac(VHT20)	802.11n(HT40)/ ax(HE40)/ ac(VHT40)	802.11ac(VHT80)/ ax(HE80)	802.11ac(VHT160)/ ax(HE160)
Output power	10mW/MHz	5mW/MHz	2.5mW/MHz	1.3mW/MHz
E.I.R.P (with TPC)	50mW/MHz	25mW/MHz	12.5mW/MHz	6.25mW/MHz

5.6.2 Test Setup



Note: A high-frequency power meter is directly connected to the output of a dummy load (attenuator) when measuring the total power of a system other than the orthogonal frequency division multiplexing system or the spread spectrum system using direct spreading.

5.6.3 Condition of Measuring Instrument

- (1) Measure the equivalent noise bandwidth at the resolution bandwidth of 1 MHz of the spectrum analyzer, correct the bandwidth to the 1 MHz equivalent bandwidth, and read the displayed value. However, when the spread bandwidth is 1 MHz or less, correction shall be performed only when "spread bandwidth (MHz)/equivalent noise bandwidth (MHz)" exceeds 1.
- (2) The attenuation of the dummy load (attenuator) shall be the value that gives the optimum operating input level to the spectrum analyzer.
- (3) Set the spectrum analyzer as follows when searching for the frequency that gives the maximum antenna power.

Center frequency: Test frequency

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Sweep frequency width: About twice the occupied frequency bandwidth
Resolution bandwidth: 1MHz
Video bandwidth: About three times the resolution bandwidth
Sweep time: Minimum time for guaranteed measurement accuracy
(In the case of burst waves, the time at which one or more bursts are included per sample)
Trigger condition: Free run
Sweep mode: Continuous sweep
Detection mode: **positive peak**
Display mode: Max hold

- (4) Set the spectrum analyzer as follows when measuring the antenna power.
Center frequency The frequency that gives the maximum power (searched frequency)
Sweep frequency width: 0Hz
Resolution bandwidth: 1MHz
Video bandwidth : Same as resolution bandwidth
Sweep mode: Continuous sweep

5.6.4 Condition of Test Equipment

- (1) Set to the test frequency and enter the continuous transmission state or continuous burst transmission state.
(2) If a spread code is used, set it to the test spread code and modulate it with the standard coded test signal.
(3) If the orthogonal frequency division multiplexing system is used, it shall be in a burst transmission state and in a modulation state in which the proportion of time in which the number of subcarriers is the smallest is maximized. At this time, it is performed within a range that can occur continuously in the actual operation. However, when the modulation cannot be set, it can be performed in continuous burst transmission state or continuous transmission state.

5.6.5 Measurement Procedure

- (1) **Those using frequency hopping method (including DSSS or composite method with OFDM)**
a. Confirming in the submitted document that the frequency hopping intervals in the frequency distribution of frequency hopping are equal intervals of 1 MHz or less, and that the probability of occurrence at each hopping frequency is uniform, and that the probability of occurrence at each hopping frequency is uniform. If it is, it is implemented by the following method.
(a) Connect a high frequency power meter to the output of the dummy load (attenuator) and measure the total power.
(b) Divide the total power by the spreading bandwidth to calculate the average power per 1 MHz.
(c) Antenna power shall be as follows.
A Value of (b) for continuous wave
B For burst wave Average power in burst is calculated from the value of (b) and the transmission time rate.
b. If the frequency distribution of frequency hopping or the probability of occurrence at each hopping frequency is not uniform, set the spectrum analyzer as in 2(3) to search for the frequency that gives the maximum antenna power, and then perform spectrum analysis. Set the device as in 2(4), and measure the antenna power at the frequency that gives the maximum power.
- (2) **In the case of those using OFDM or DSSS**
a. Set the spectrum analyzer as in 2(3).
b. After repeating the sweep until no change is observed in the display, measure the frequency at which the power per 1 MHz gives the maximum value.
c. Set the spectrum analyzer as in 2(4).
d. Connect the high frequency **power meter** to the IF output terminal of the spectrum analyzer.
e. Antenna power shall be as follows.
(a) For continuous wave: The value corrected by 2(1) from the indication of the high-frequency power meter
(b) Burst wave: Calculated average power in a burst from values corrected in the same way as for continuous waves and the transmission time rate



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f. In the case of using the orthogonal frequency division multiplexing system, when there are multiple subcarrier modulation systems, measure the antenna power at each time and take the largest value as the measured value.

(3) In the case of items using other methods

(a) Connect a high-frequency power meter to the output of the dummy load (attenuator) and **measure the total power.**

(b) Antenna power shall be as follows.

a. Value of a for continuous wave

b. Burst wave The average power in the burst is calculated from the value of (a) and the transmission time rate.

5.6.6 Test Results

Result **PASS**

For the measurement records, refer to the appendix A.

Remark: This testing was carried out on all operation modes, but only the worst case was presented in this report.

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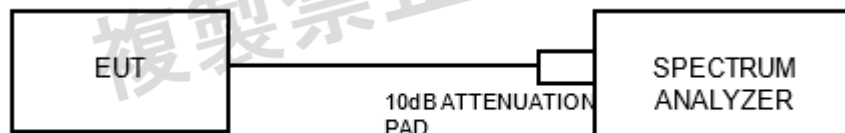
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5.7 Spurious Emissions for Receiver

5.7.1 Limits of Spurious Emissions for Receiver

Frequencies (MHz)	Limit
Below 1GHz	$\leq 4\text{nW}$ (-54dBm)
Above 1GHz	$\leq 20\text{nW}$ (-47dBm)

5.7.2 Test Setup



5.7.3 Measurement Procedure

(1) Set the spectrum analyzer as follows when searching.

Sweep frequency width: 30MHz to 5 times the carrier frequency

Resolution bandwidth: 100 kHz for frequencies below 1 GHz, 1 MHz for frequencies above 1 GHz

Video bandwidth: Same as resolution bandwidth

Sweep time: Minimum time for guaranteed measurement accuracy

Sweep mode: Single sweep

Detection mode: positive peak

(2) Set the spectrum analyzer for secondary emission measurement as follows.

Center frequency: Secondary emission frequency

Sweep frequency width: 0Hz

Resolution bandwidth: 100 kHz for frequencies below 1 GHz, 1 MHz for frequencies above 1 GHz

Video bandwidth: Same as resolution bandwidth

Sweep time: Minimum time for guaranteed measurement accuracy

Sweep mode: Single sweep

Detection mode: sample

5.7.4 Test Results

Result **PASS**

For the measurement records, refer to the appendix A.

Remark: This testing was carried out on all operation modes, but only the worst case was presented in this report.

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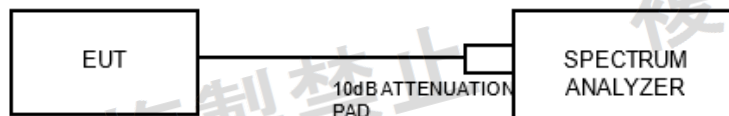
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5.8 Burst Length

5.8.1 Limits of Burst Length

Frequencies (MHz)	Limit
Transmitter Operating	$\leq 4\text{ms}$

5.8.2 Test Setup



5.8.3 Measuring instrument conditions, etc.

Set the spectrum analyzer as follows.

Center frequency	Measurement hopping frequency
Sweep frequency width 0Hz	
Resolution bandwidth	about 1MHz
Video bandwidth	Same as resolution bandwidth
Sweep time	Hopping period
Trigger condition	Video trigger
Sweep mode	Single sweep
Detection mode	positive peak.

3 Condition of test equipment

Set to the test frequency and test spreading code and modulate with the standard coded test signal.

5.8.4 Test Results

Result **PASS**

For the measurement records, refer to the appendix A.

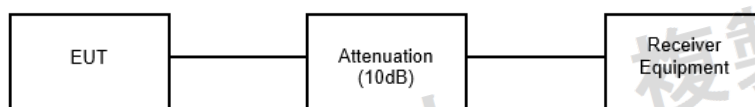
Remark: This testing was carried out on all operation modes, but only the worst case was presented in this report.

5.9 Interference Prevention Function

5.9.1 Limits of Interference Prevention Function

Radio equipment used mainly on the same premises and automatically transmits or receives identification code.

5.9.2 Test Setup



5.9.3 Condition of Measuring Instrument

(1) The demodulator shall be able to demodulate the transmission signal sent by EUT and display the content of the identification code.

(2) The counterpart device shall be capable of transmitting the same identification code as the transmission signal transmitted by EUT.

3 Condition of test equipment
Normal use condition.

5.9.4 Measurement procedure

- (1) When EUT has a function to automatically transmit an identification code
 - a) Transmit the identification code specified in the Equipment Regulations from the test equipment.
 - b) Check the identification code sent by the demodulator.
- (2) When the test equipment has a function to automatically receive the identification code
 - a) Transmit the identification code specified in the Equipment Regulations from the counterpart device.
 - b) Confirm that communication is performed with the EUT using the dedicated jig.
 - c) Transmit a code different from the identification code specified in the Equipment Regulations from the counterpart device.
 - d) Confirm that EUT stops transmission or displays that the identification code is different.

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5.9.5 How to describe test results

(1) When EUT has a function to automatically transmit an identification code

If the code stipulated in the equipment rule and the demodulated code are the same, it is described as "passed", and if they are different, it is described as "failed".

(2) When the test equipment has a function to automatically receive the identification code

If the received code is the code stipulated in the equipment regulations, normal reception is performed, and if the code is different from the code stipulated in the equipment regulations, a message indicating that the code is different is displayed. "No" shall be entered in other case.

5.9.6 Test Results

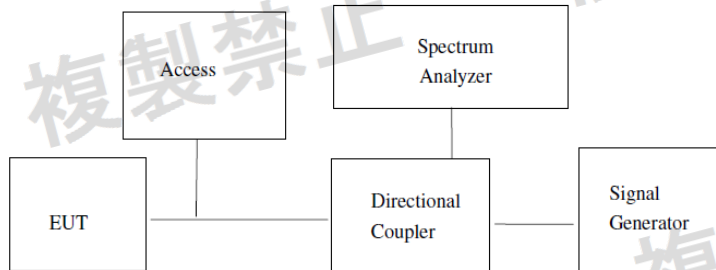
For the measurement records, refer to the appendix A.

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5.10 Carrier Sensing

5.10.1 Test Setup



5.10.2 Measurement procedure

- (a) Link EUT and Access Point to Directional Coupler input port.
- (b) Link Signal Generator and Spectrum Analyzer to test port and output port in the Directional Coupler separately.
- (c) A positive Peak Detector function in Spectrum Analyzer must be used.
- (d) Set the Span to Zero.

Press the Signal Generator on and it will output the Carrier Signal. When the Link breaks off, wait a minute and press the Signal Generator off. After a while, reset the Link and done the test.

5.10.3 Test Results

Result

PASS

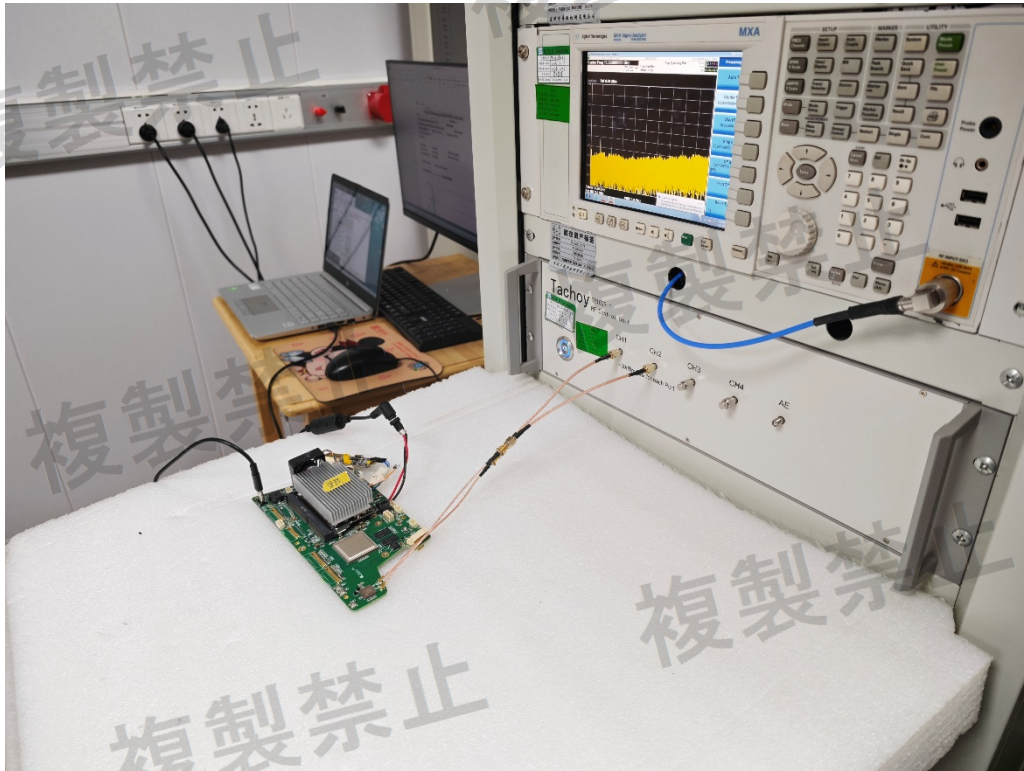
For the measurement records, refer to the appendix A.

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6 Photographs of the Test Configuration

Photograph 1: Set-up for Radio Spectrum Testing



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**Appendix A.1: Test Results of Frequency Tolerance**

Antenna	Modulation	Frequency (MHz)	Test Frequency(MHz)	Frequency Tolerance(ppm)	Limit(ppm)	Result
ANT1	/	5180.00	5179.981	-3.668	±20	Pass
ANT2	/	5180.00	5179.978	-4.247	±20	Pass
ANT1	/	5200.00	5199.977	-4.423	±20	Pass
ANT2	/	5200.00	5199.977	-4.423	±20	Pass
ANT1	/	5240.00	5239.977	-4.389	±20	Pass
ANT2	/	5240.00	5239.977	-4.389	±20	Pass
ANT1	/	5190.00	5189.977	-4.432	±20	Pass
ANT2	/	5190.00	5189.977	-4.432	±20	Pass
ANT1	/	5230.00	5229.977	-4.398	±20	Pass
ANT2	/	5230.00	5229.977	-4.398	±20	Pass
ANT1	/	5210.00	5209.977	-4.415	±20	Pass
ANT2	/	5210.00	5209.977	-4.415	±20	Pass

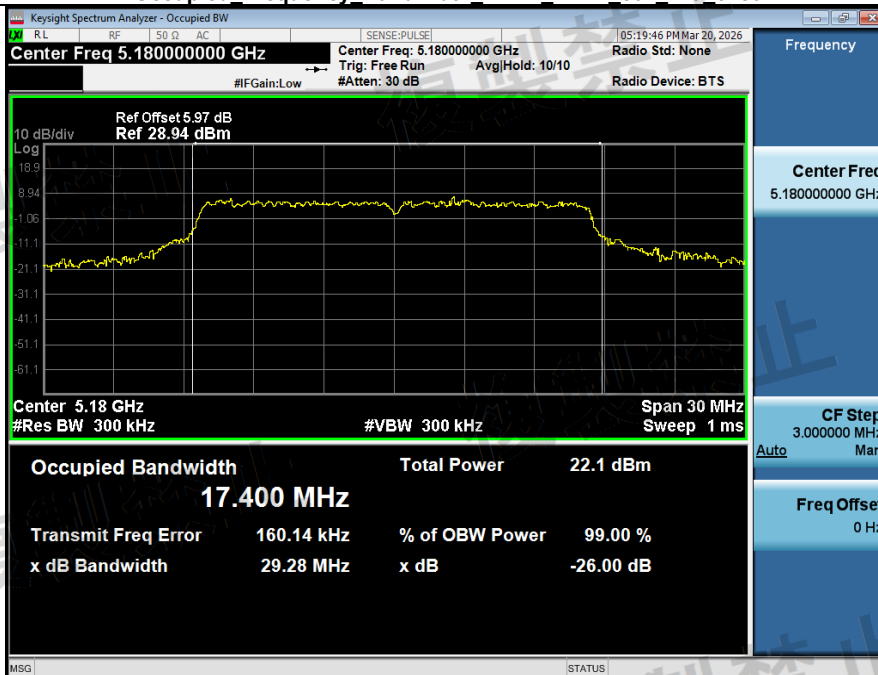


Appendix A.2: Test Results of Occupied Channel Bandwidth (99%)

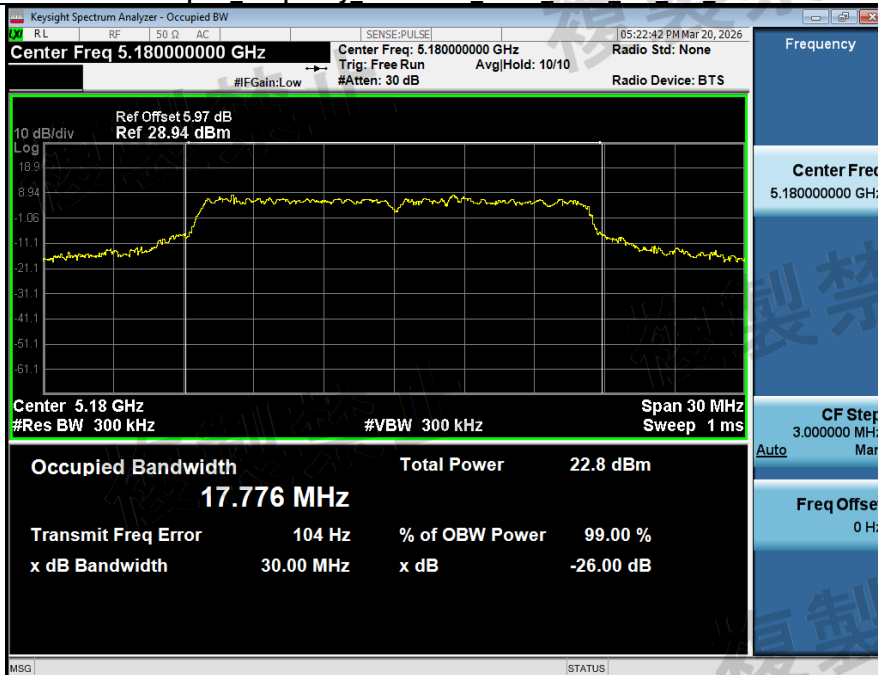
Condition	Antenna	Mode	Frequency(MHz)	Occupied Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5180.00	17.40	20	Pass
NVNT	ANT2	802.11a	5180.00	17.78	20	Pass
NVNT	ANT1	802.11a	5200.00	17.70	20	Pass
NVNT	ANT2	802.11a	5200.00	17.49	20	Pass
NVNT	ANT1	802.11a	5240.00	17.18	20	Pass
NVNT	ANT2	802.11a	5240.00	17.70	20	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	18.08	20	Pass
NVNT	ANT2	802.11n(HT20)	5180.00	18.34	20	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	18.33	20	Pass
NVNT	ANT2	802.11n(HT20)	5200.00	18.31	20	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	18.05	20	Pass
NVNT	ANT2	802.11n(HT20)	5240.00	18.90	20	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	18.21	20	Pass
NVNT	ANT2	802.11ac(VHT20)	5180.00	18.23	20	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	18.44	20	Pass
NVNT	ANT2	802.11ac(VHT20)	5200.00	18.89	20	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	17.92	20	Pass
NVNT	ANT2	802.11ac(VHT20)	5240.00	17.98	20	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	19.11	20	Pass
NVNT	ANT2	802.11ax(HE20)	5180.00	19.11	20	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	19.19	20	Pass
NVNT	ANT2	802.11ax(HE20)	5200.00	19.11	20	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	19.18	20	Pass
NVNT	ANT2	802.11ax(HE20)	5240.00	19.15	20	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	36.37	40	Pass
NVNT	ANT2	802.11n(HT40)	5190.00	36.27	40	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	36.37	40	Pass
NVNT	ANT2	802.11n(HT40)	5230.00	36.28	40	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	36.63	40	Pass
NVNT	ANT2	802.11ac(VHT40)	5190.00	37.15	40	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	36.54	40	Pass
NVNT	ANT2	802.11ac(VHT40)	5230.00	37.27	40	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	36.66	40	Pass
NVNT	ANT2	802.11ax(HE40)	5190.00	37.41	40	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	36.60	40	Pass
NVNT	ANT2	802.11ax(HE40)	5230.00	37.16	40	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	76.22	80	Pass
NVNT	ANT2	802.11ac(VHT80)	5210.00	75.85	80	Pass
NVNT	ANT1	802.11ax(HE80)	5210.00	76.12	80	Pass
NVNT	ANT2	802.11ax(HE80)	5210.00	75.83	80	Pass



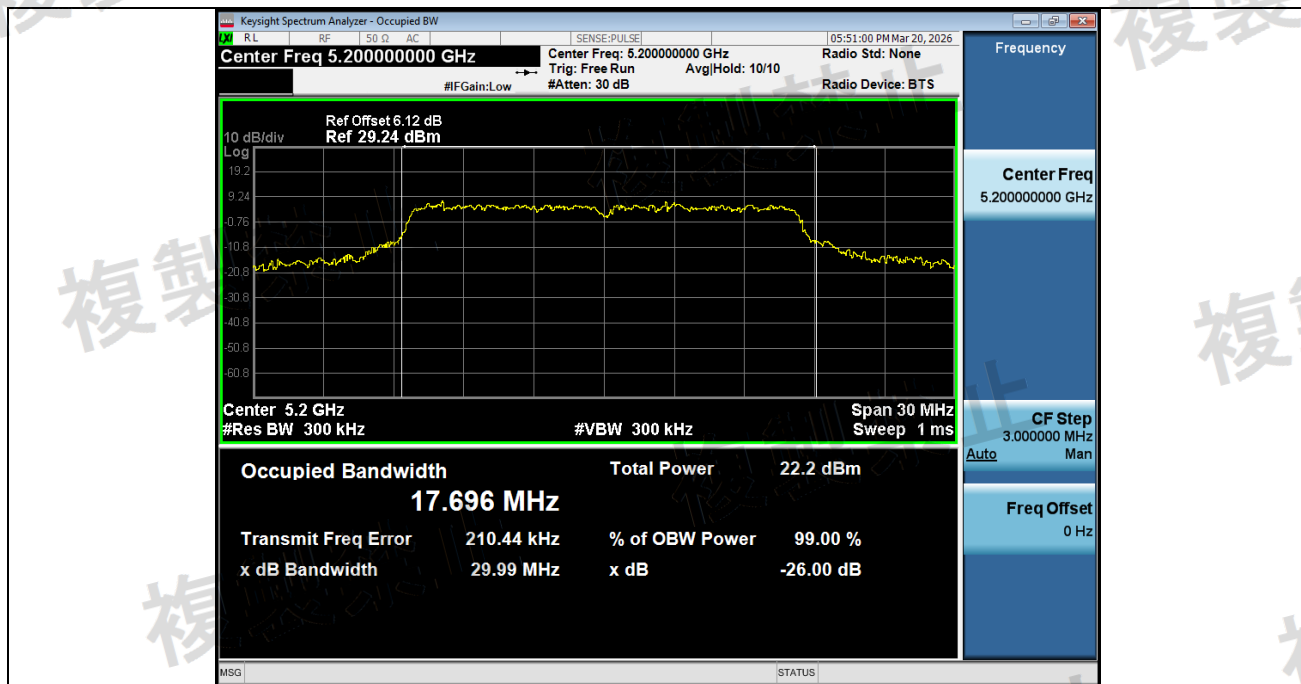
Occupied Frequency Bandwidth NVNT ANT1 802 11a 5180



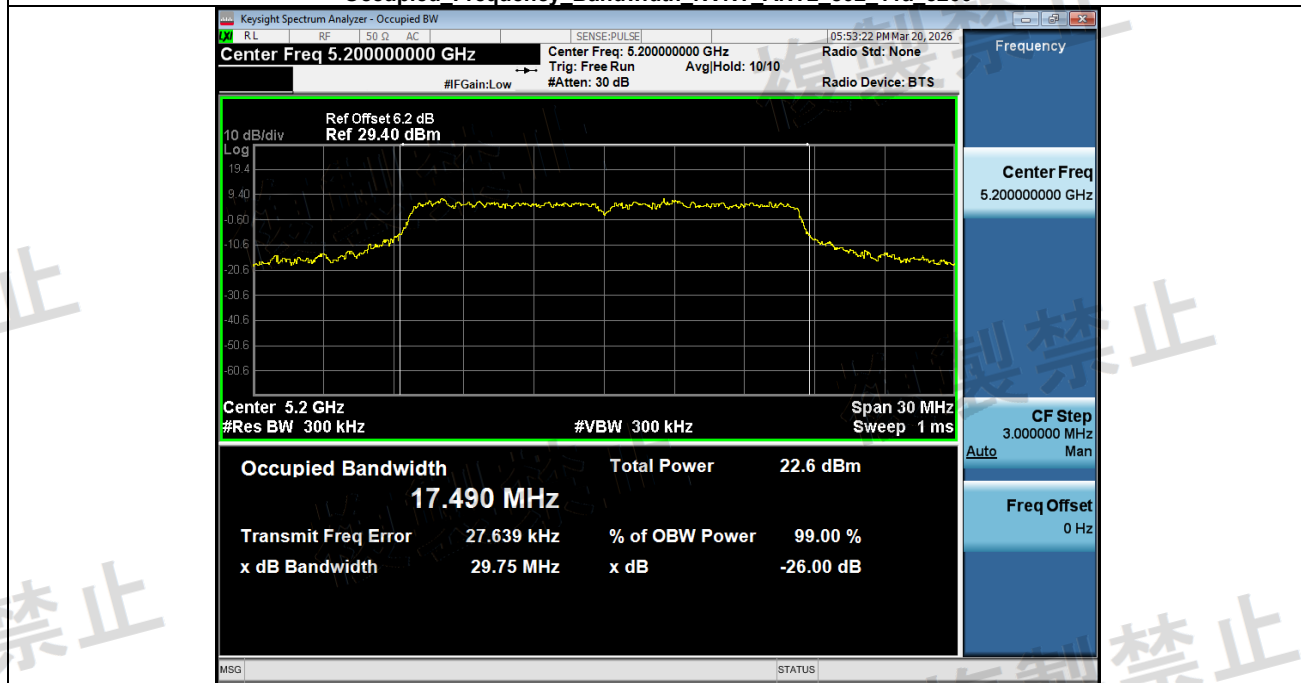
Occupied Frequency Bandwidth NVNT ANT2 802 11a 5180



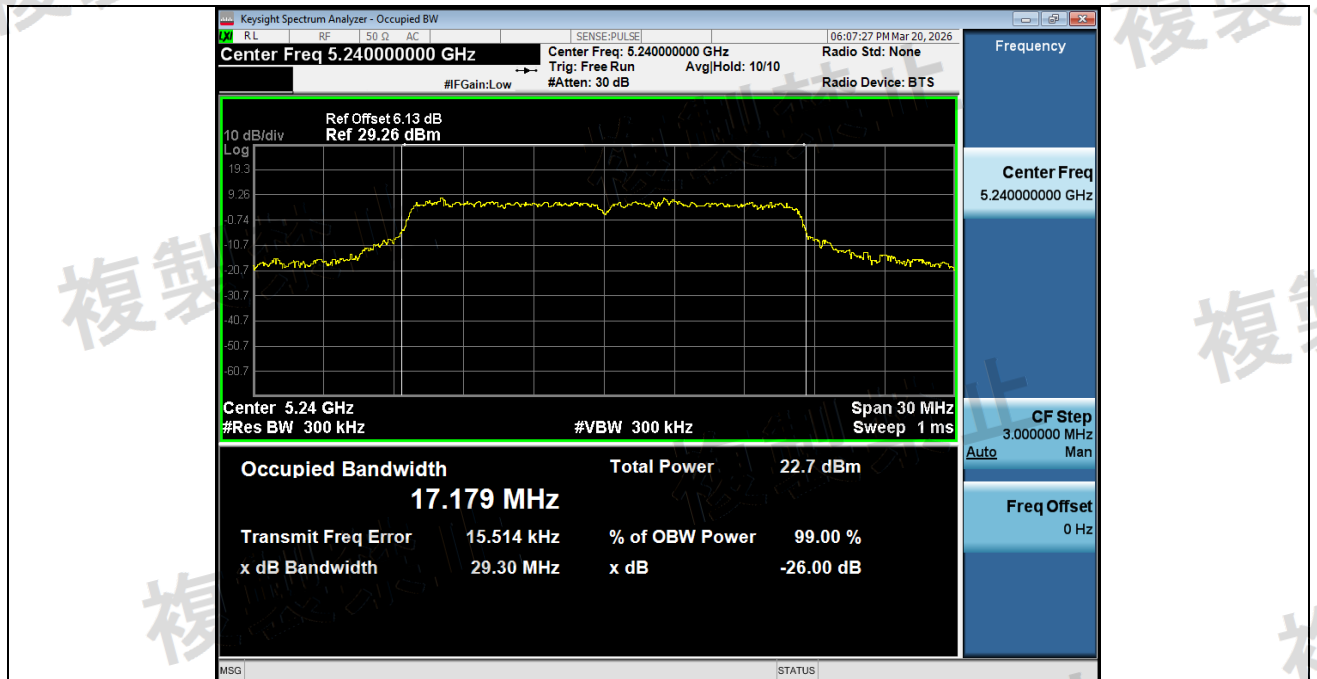
Occupied Frequency Bandwidth NVNT ANT1 802 11a 5200



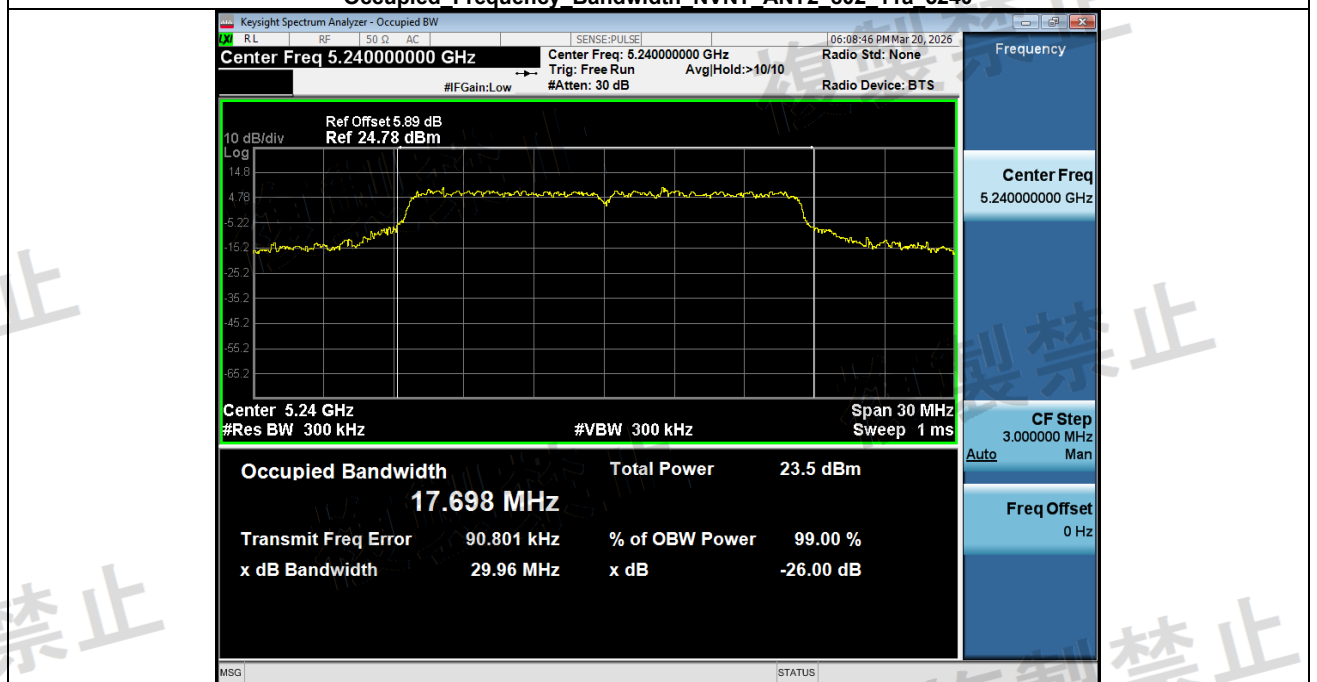
Occupied Frequency Bandwidth NVNT ANT2 802 11a 5200



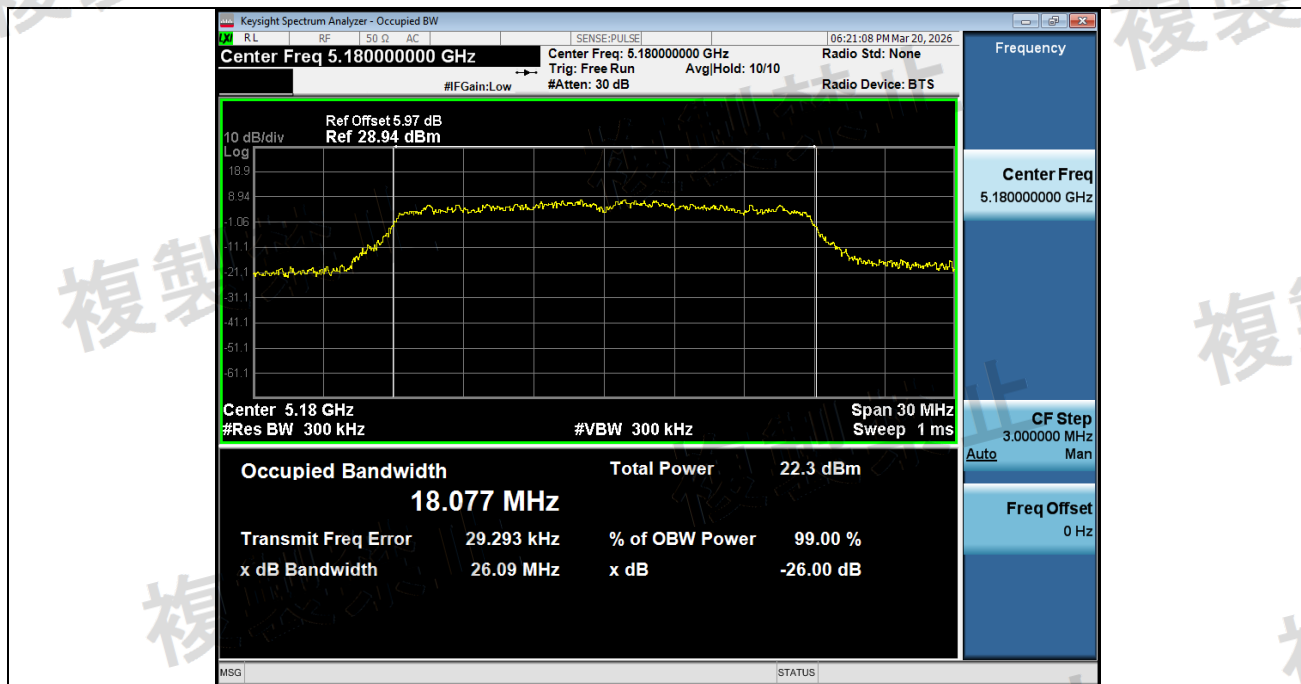
Occupied Frequency Bandwidth NVNT ANT1 802 11a 5240



Occupied Frequency Bandwidth NVNT ANT2 802 11a 5240



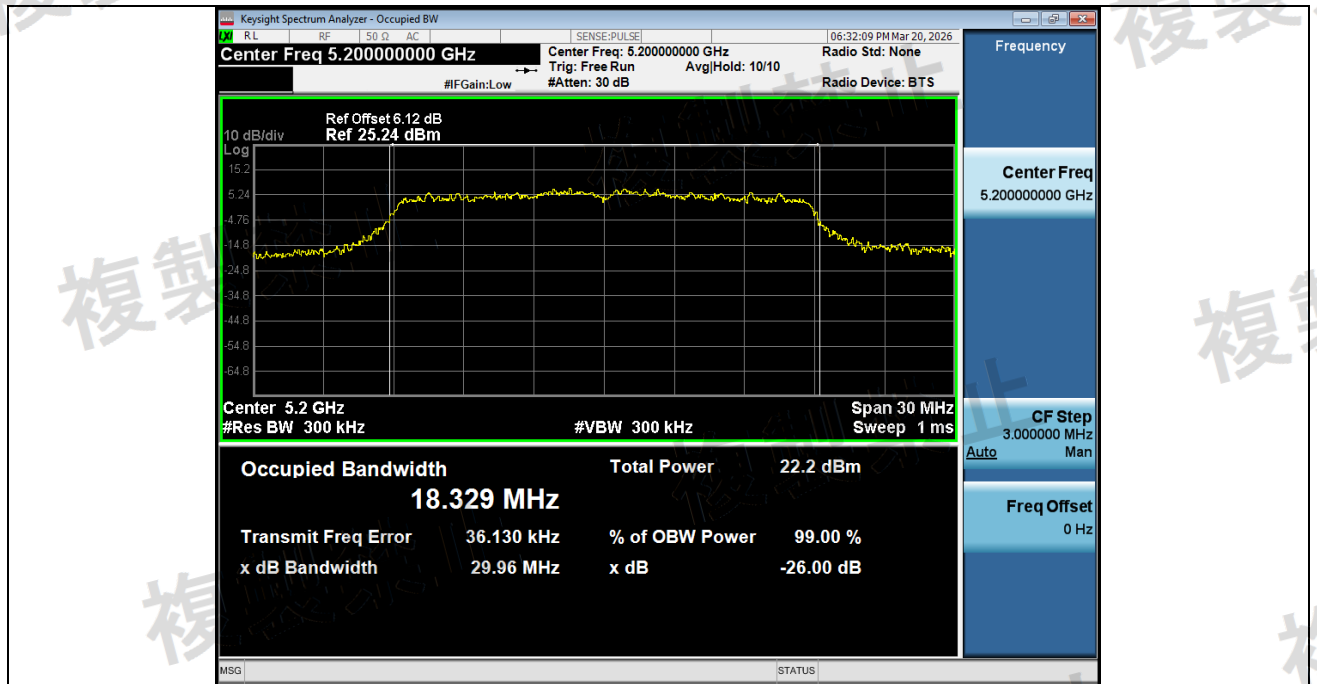
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT20)_5180



Occupied Frequency Bandwidth NVNT ANT2 802 11n(HT20) 5180



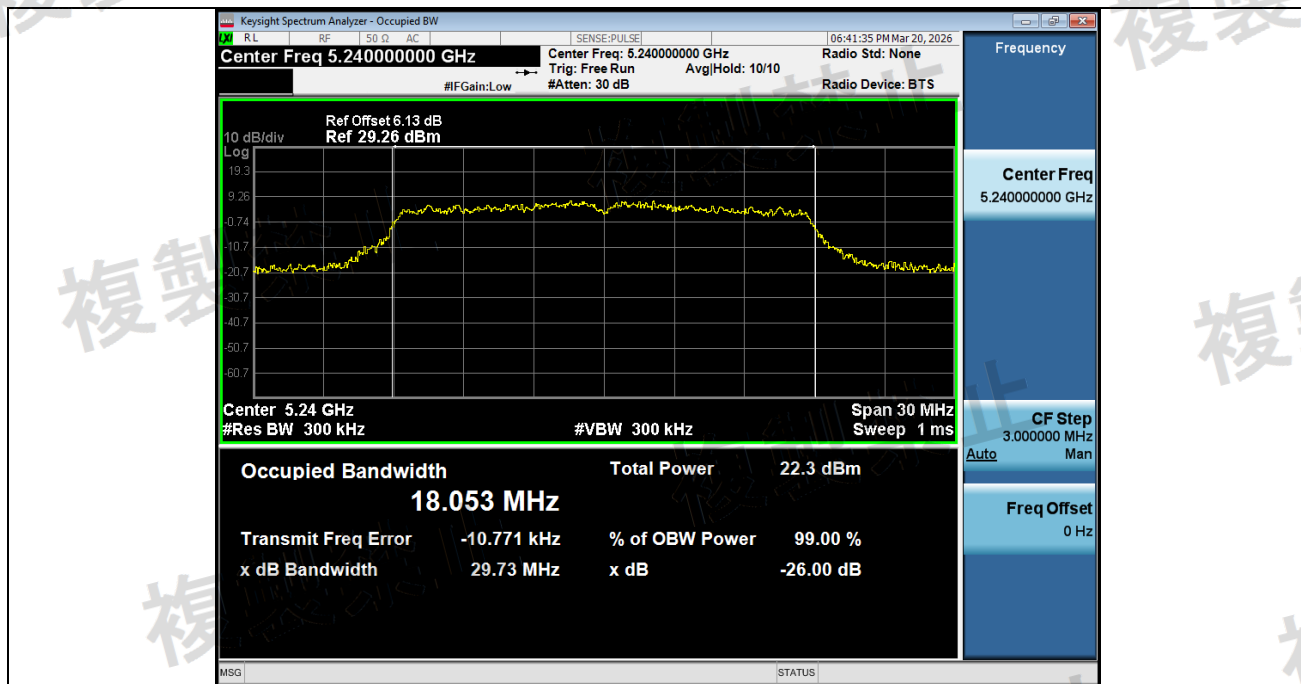
Occupied Frequency Bandwidth NVNT ANT1 802 11n(HT20) 5200



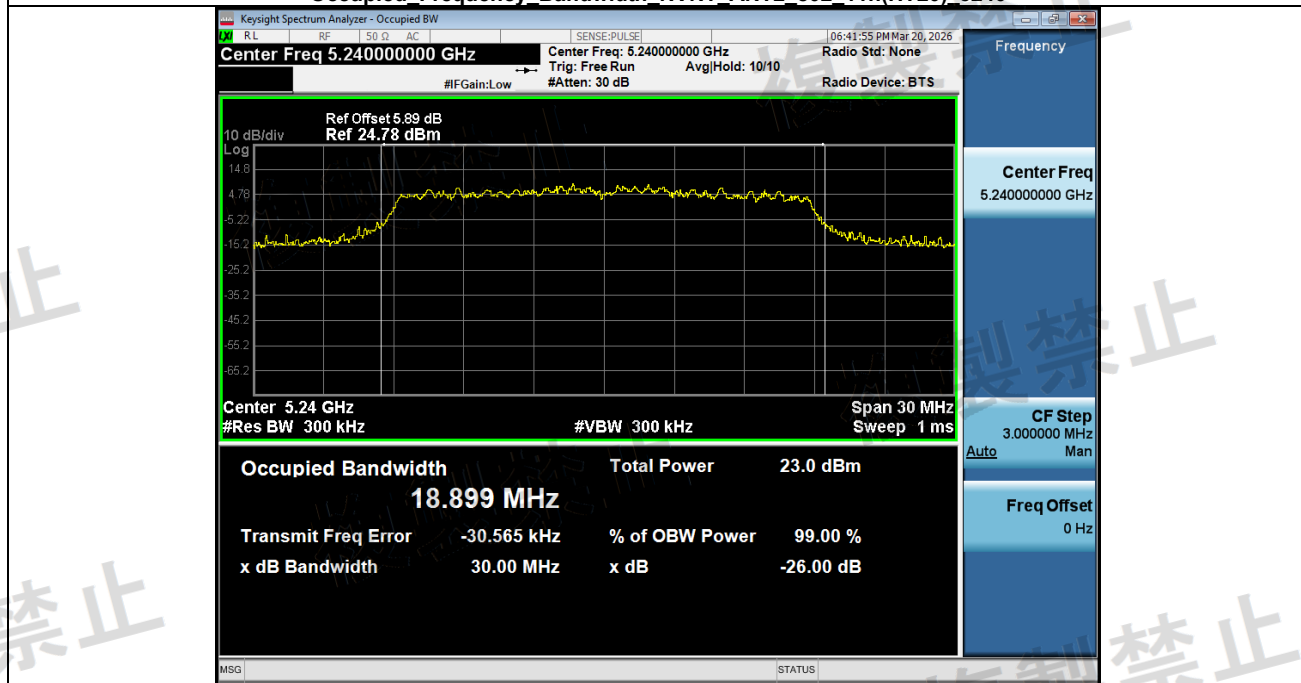
Occupied Frequency Bandwidth NVNT ANT2 802 11n(HT20) 5200



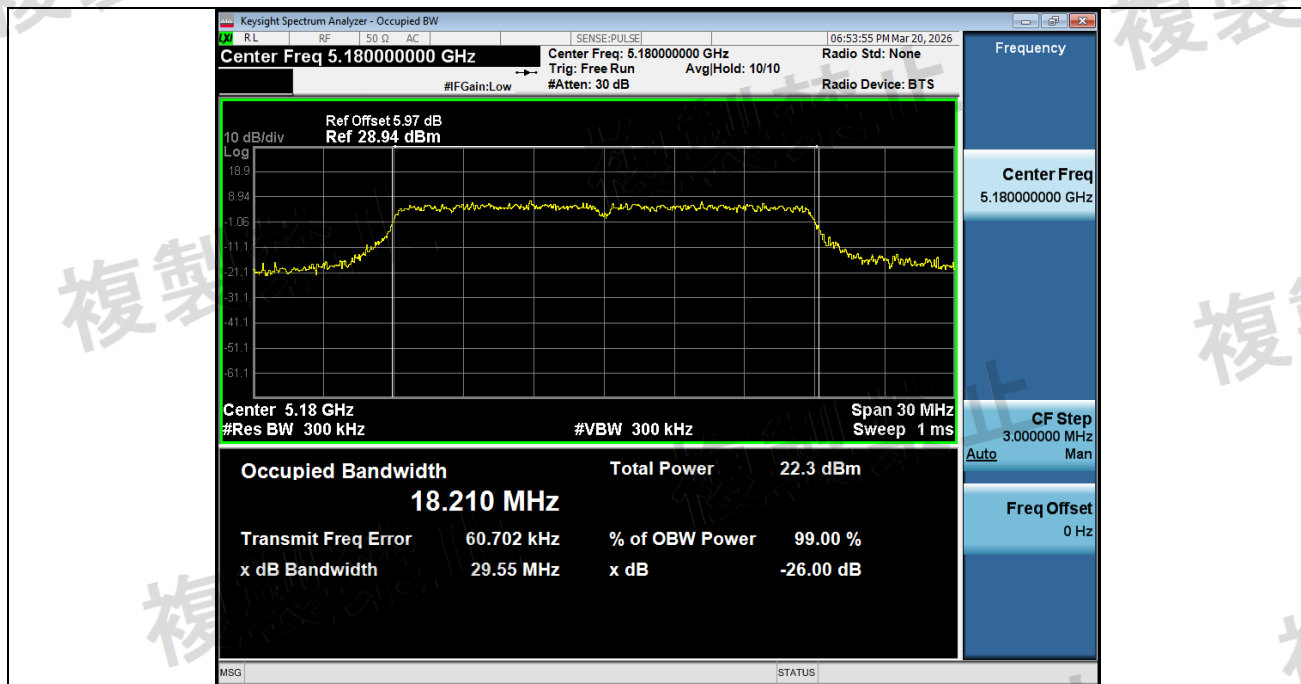
Occupied Frequency Bandwidth NVNT ANT1 802 11n(HT20) 5240



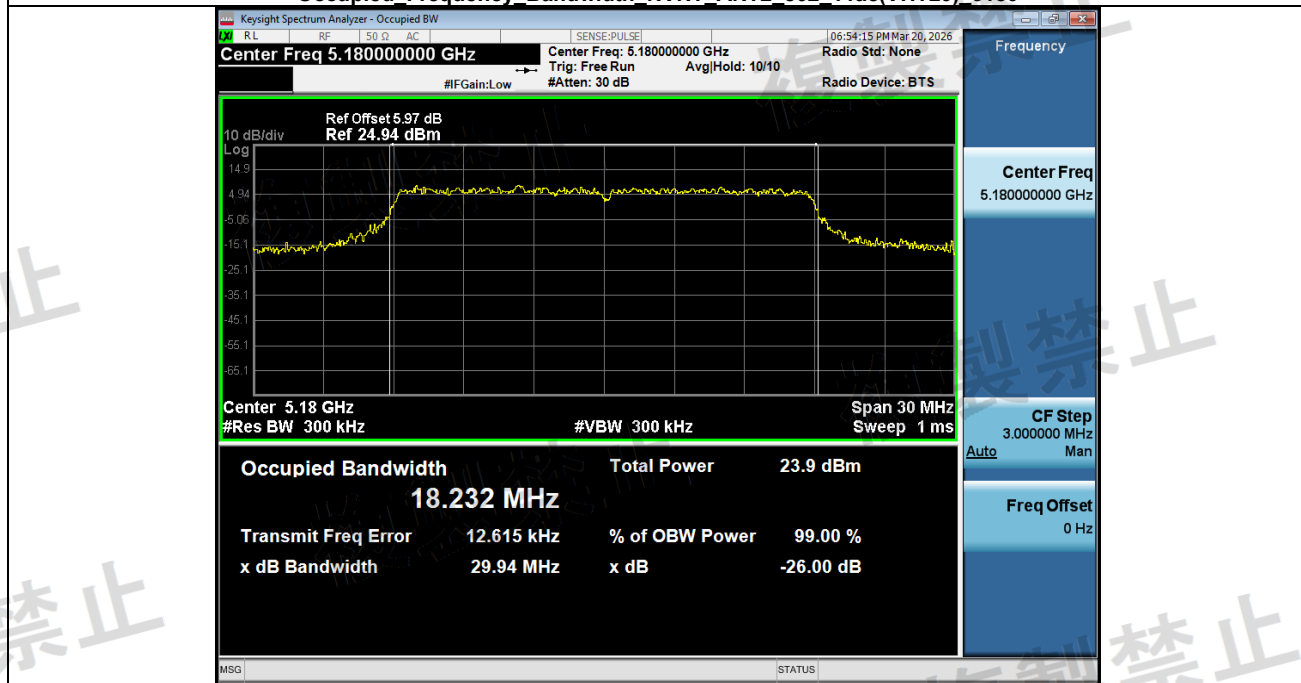
Occupied Frequency Bandwidth NVNT ANT2 802 11n(HT20) 5240



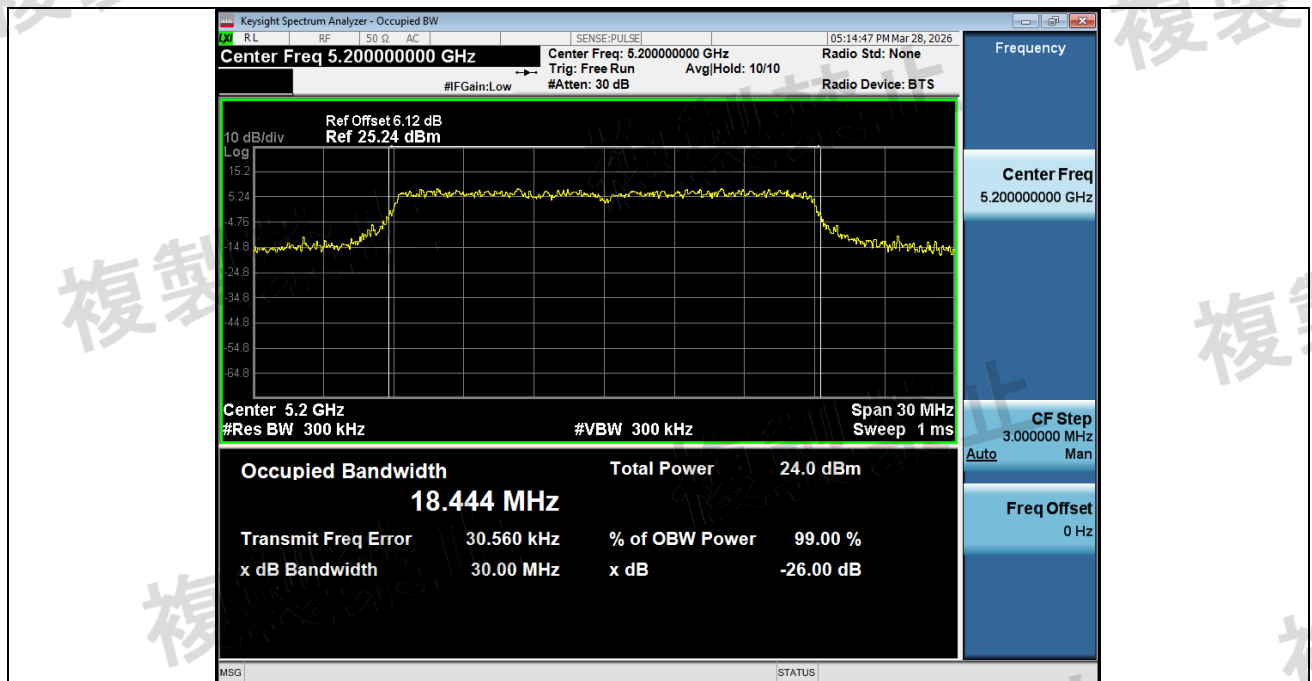
Occupied Frequency Bandwidth NVNT ANT1 802 11ac(VHT20) 5180



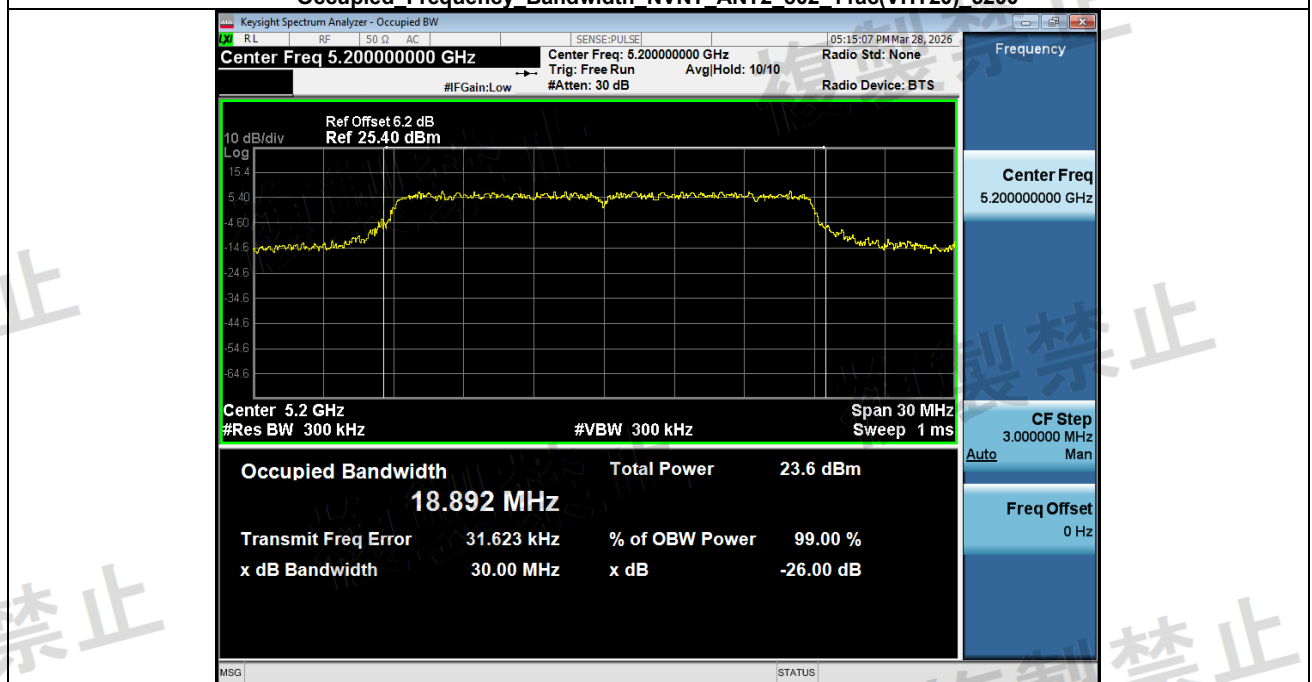
Occupied Frequency Bandwidth NVNT ANT2 802 11ac(VHT20) 5180



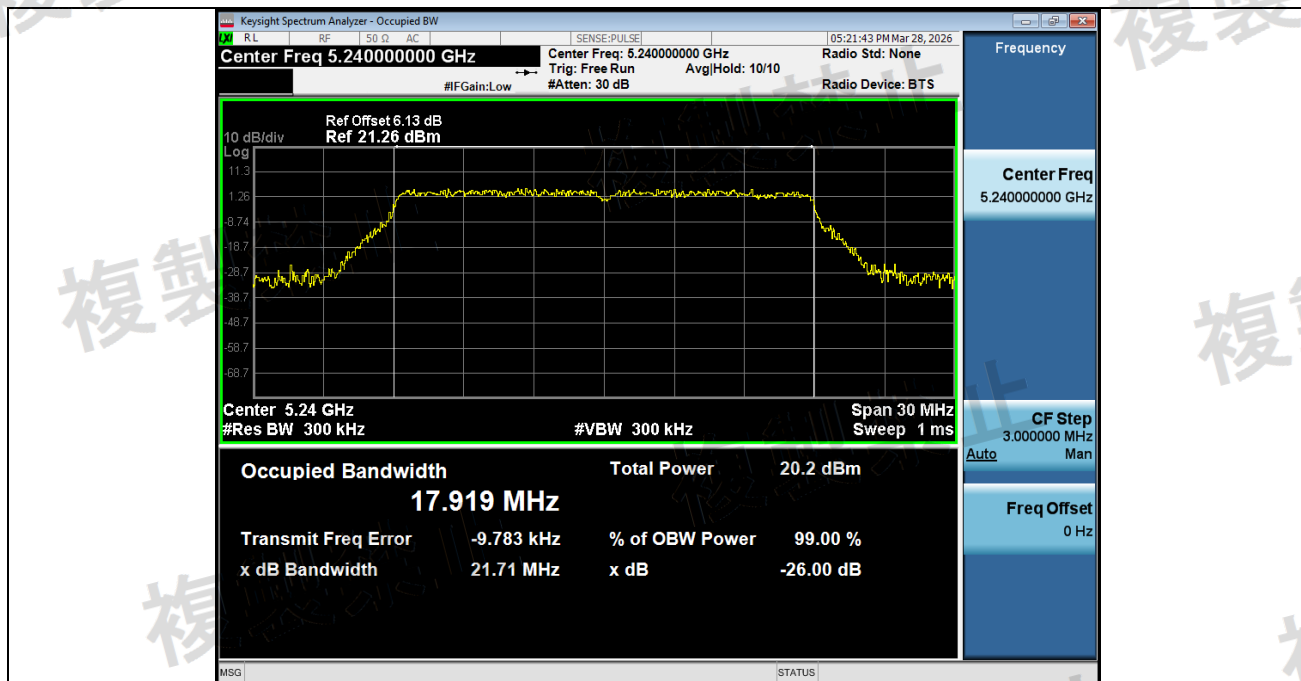
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5200



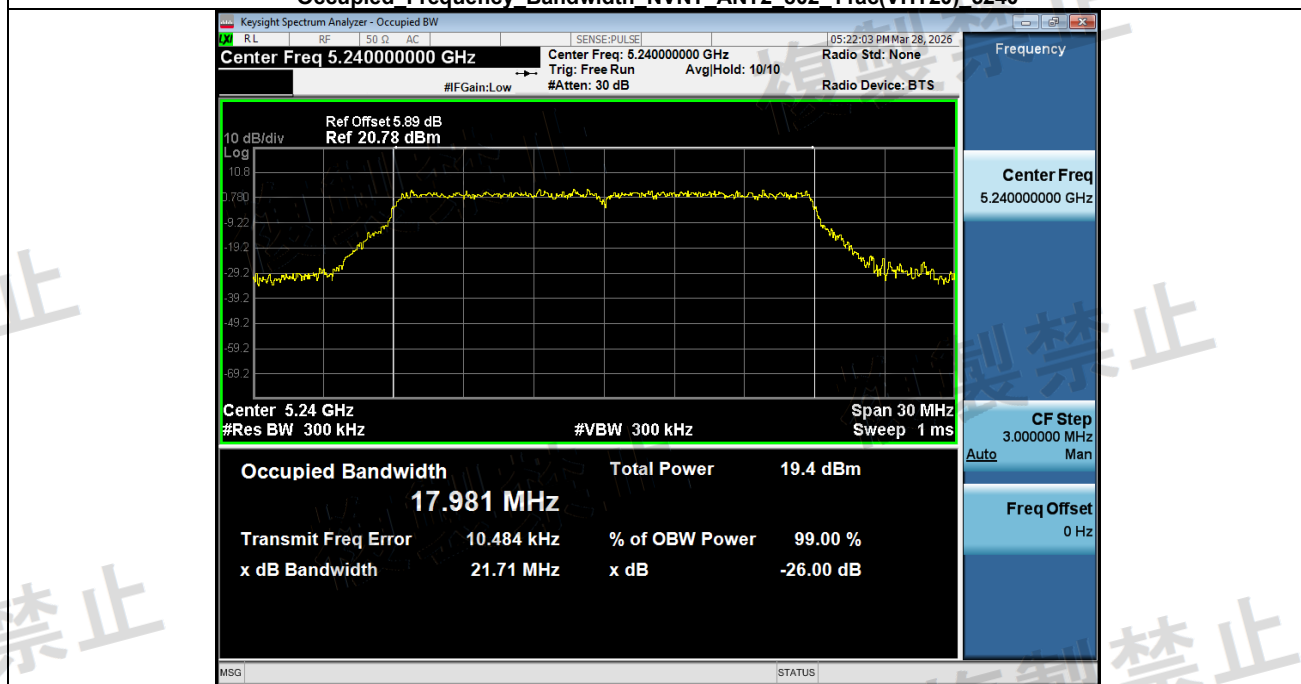
Occupied Frequency Bandwidth NVNT ANT2 802 11ac(VHT20) 5200



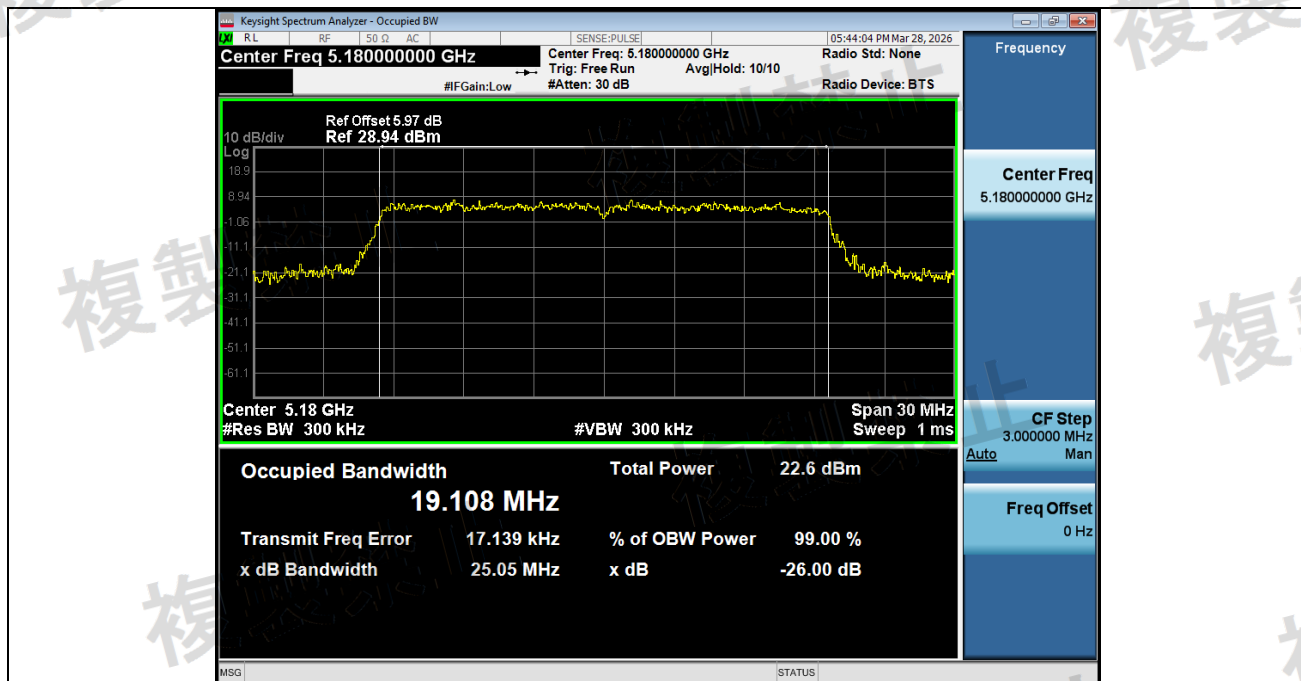
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5240



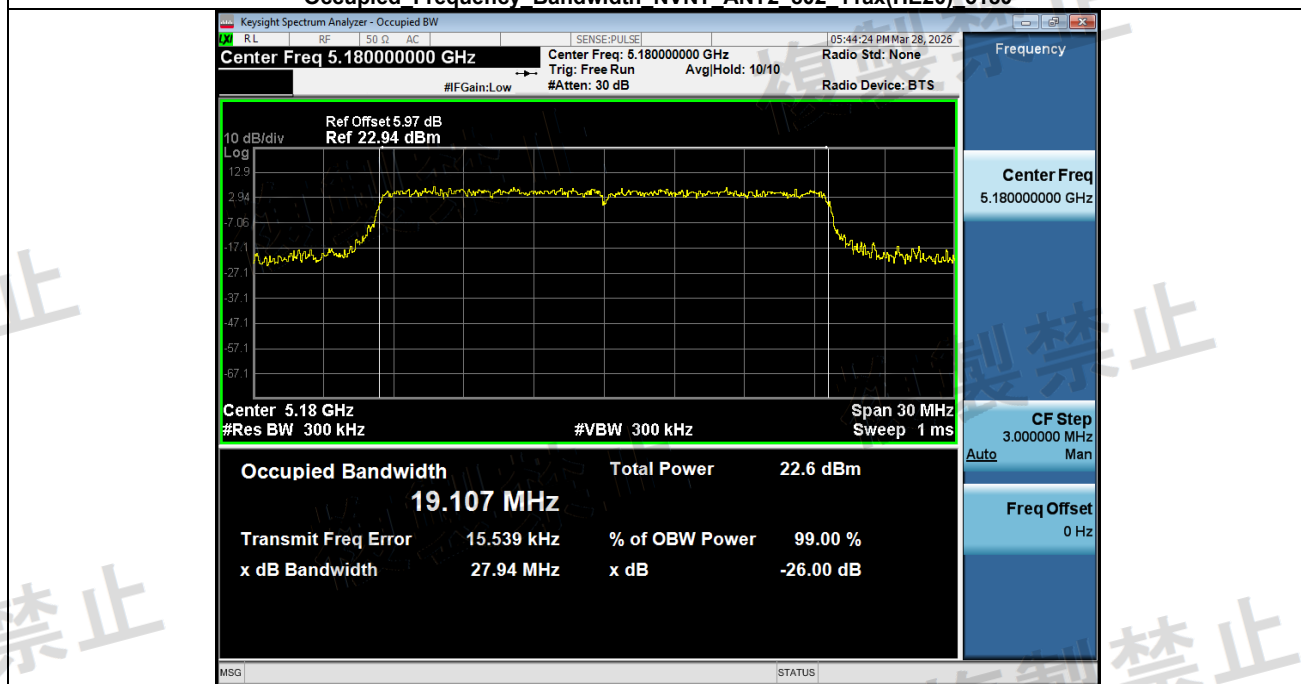
Occupied Frequency Bandwidth NVNT ANT2 802 11ac(VHT20) 5240



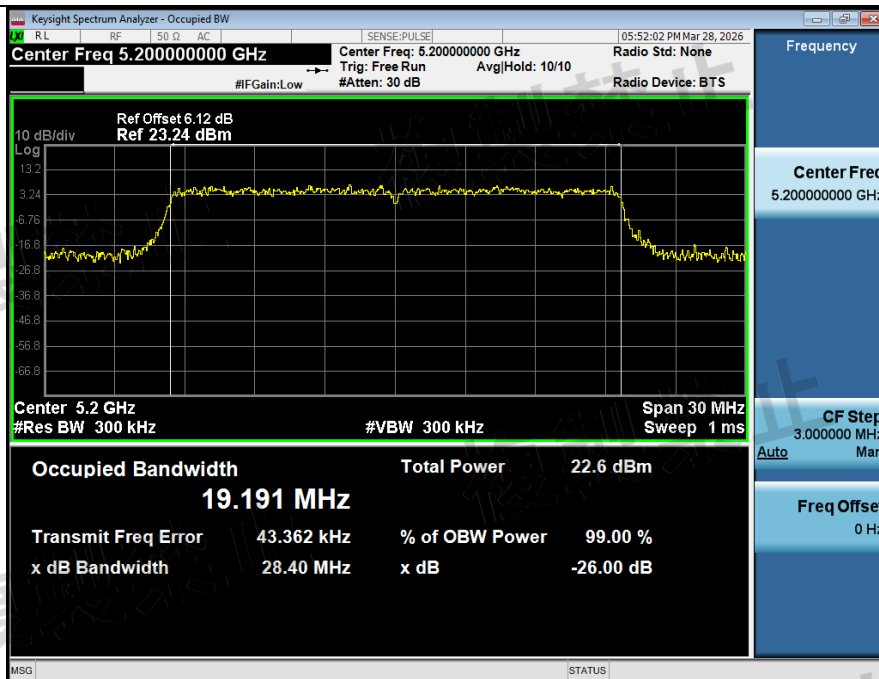
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ax(HE20)_5180



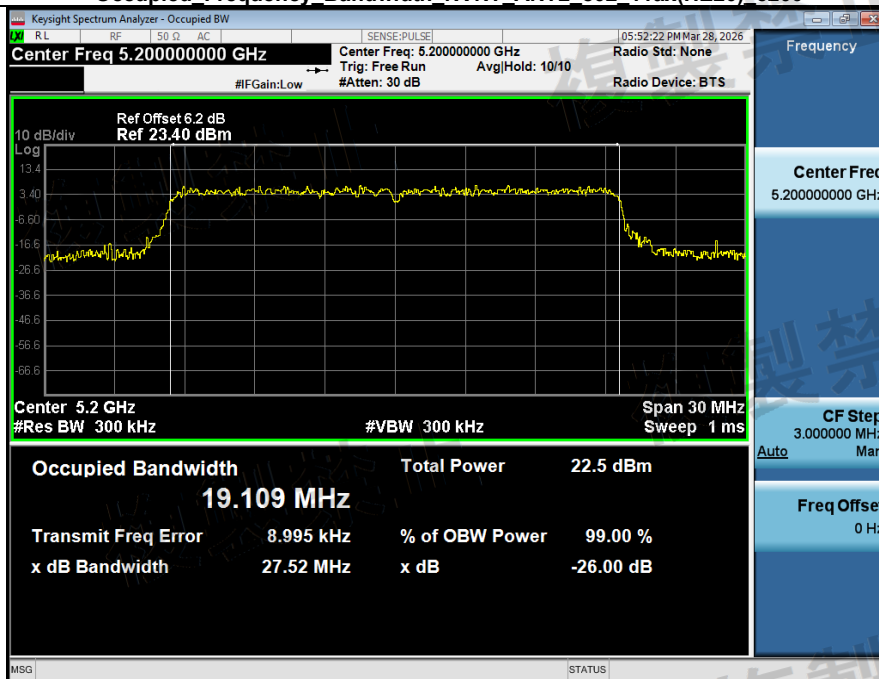
Occupied Frequency Bandwidth NVNT ANT2 802 11ax(HE20) 5180



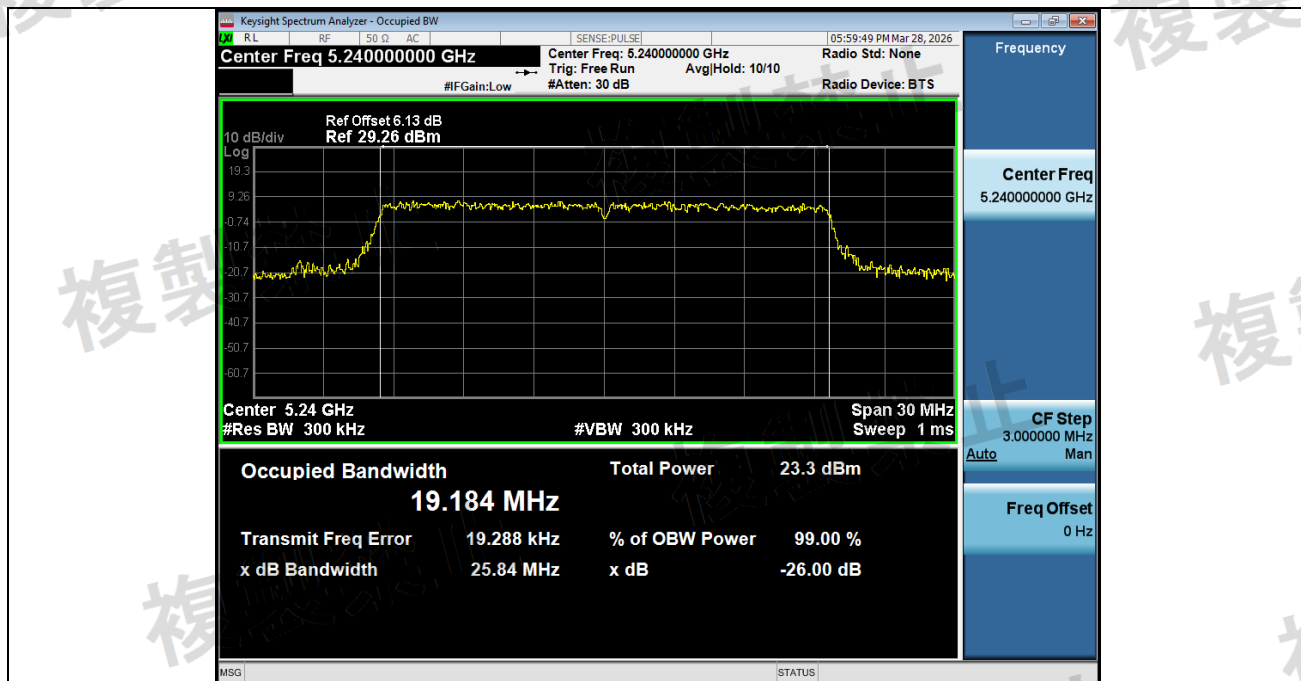
Occupied Frequency Bandwidth NVNT ANT1 802 11ax(HE20) 5200



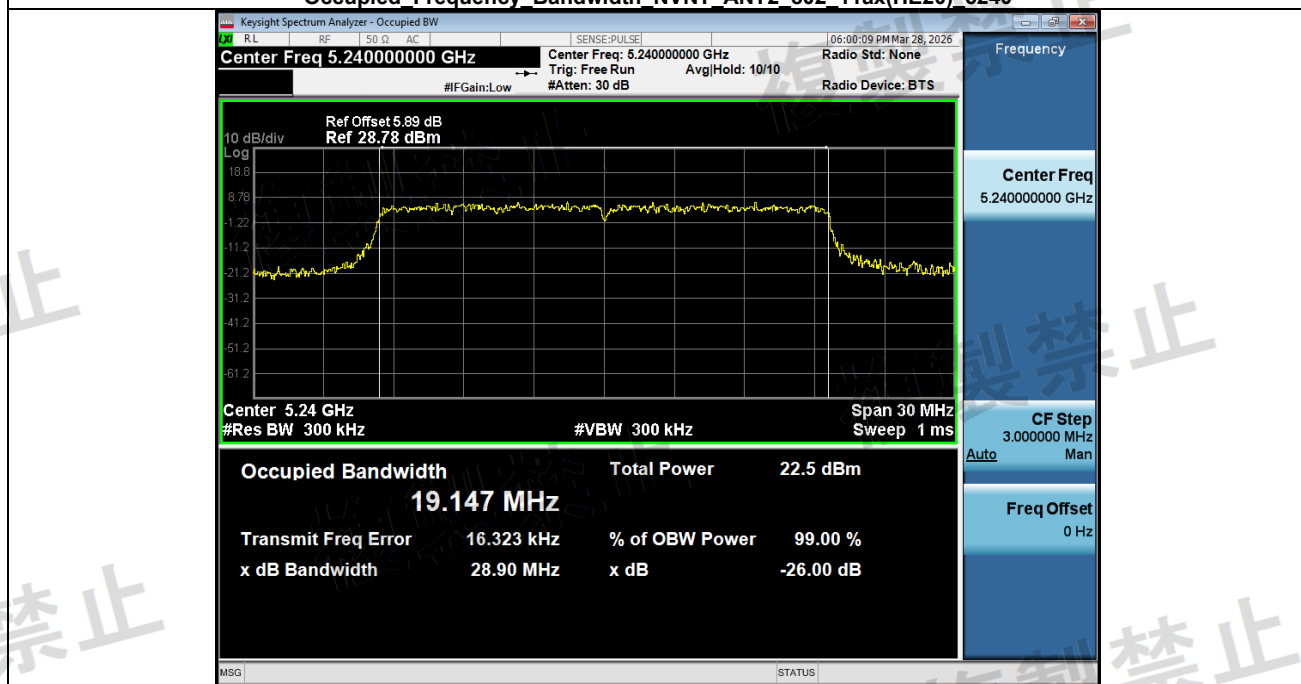
Occupied Frequency Bandwidth NVNT ANT2 802 11ax(HE20) 5200



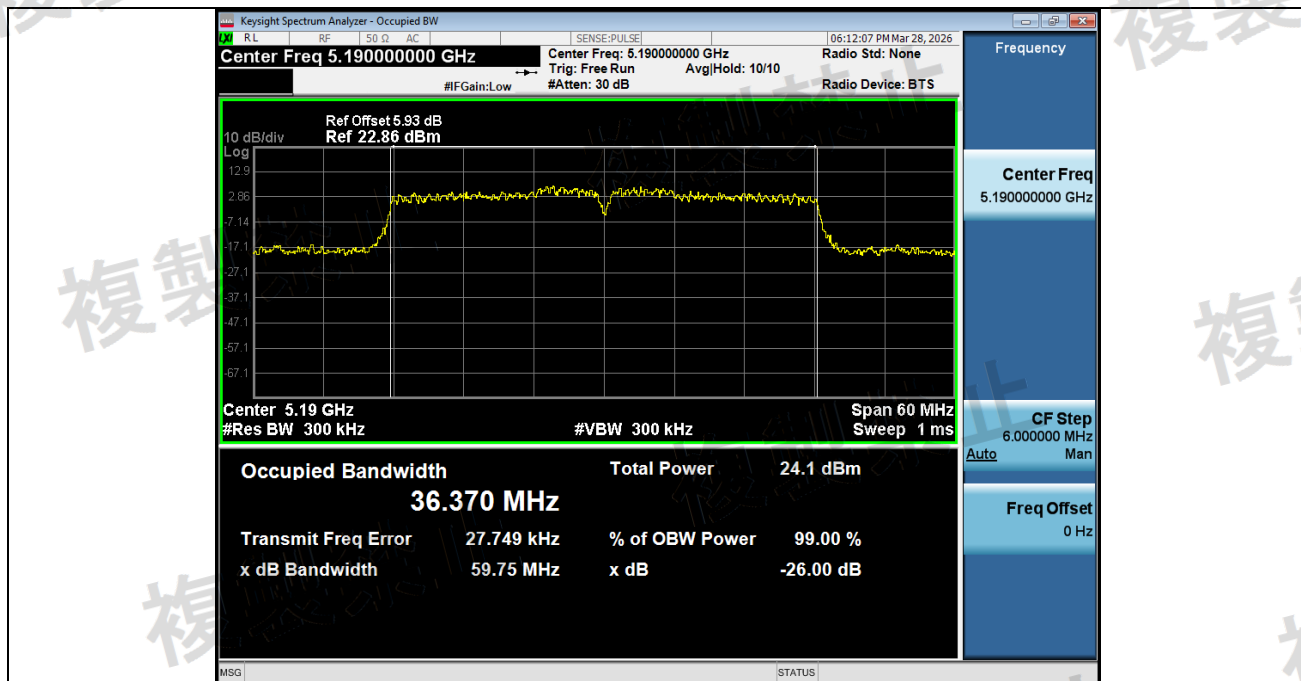
Occupied Frequency Bandwidth NVNT ANT1 802 11ax(HE20) 5240



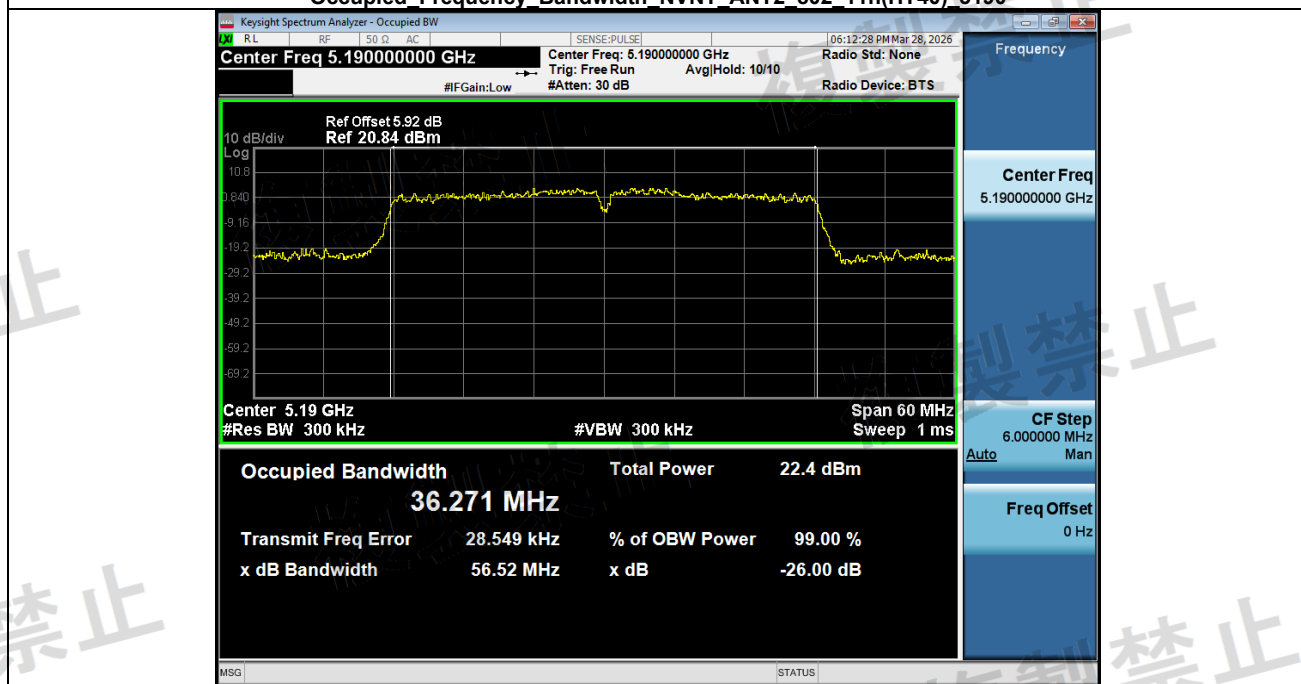
Occupied Frequency Bandwidth NVNT ANT2 802 11ax(HE20) 5240



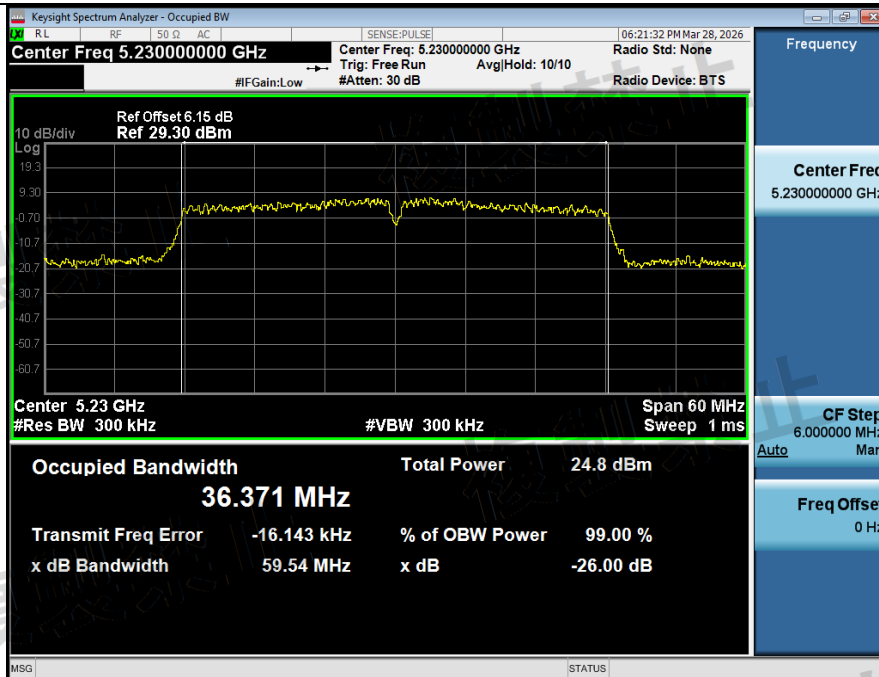
Occupied Frequency Bandwidth NVNT ANT1 802 11n(HT40) 5190



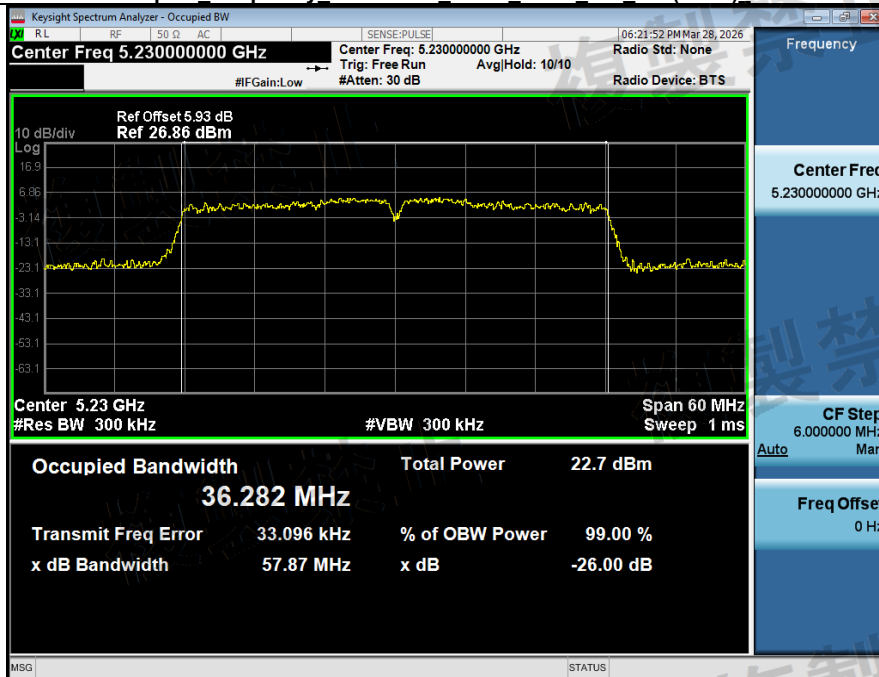
Occupied Frequency Bandwidth NVNT ANT2 802 11n(HT40) 5190



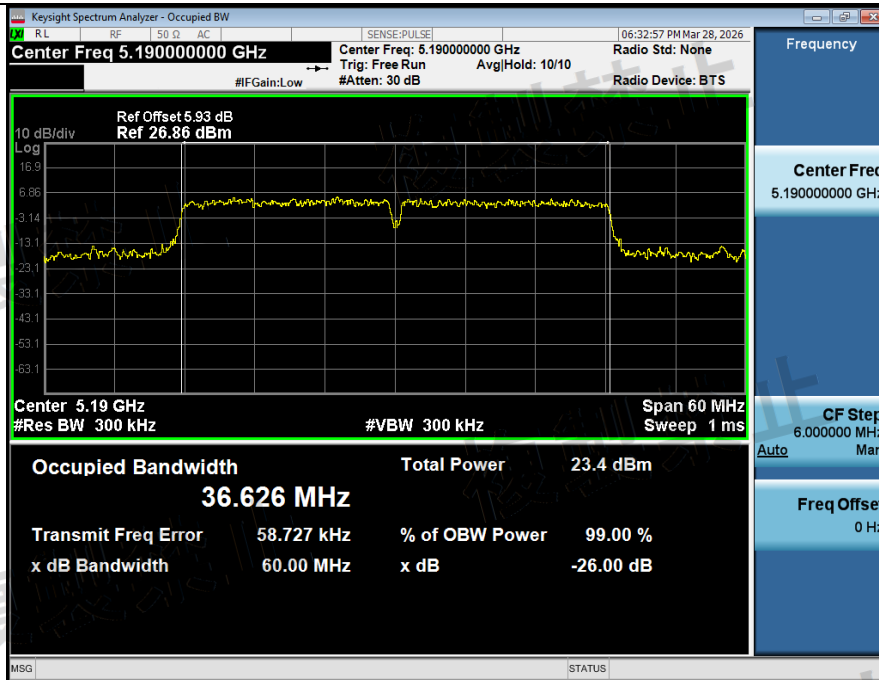
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT40)_5230



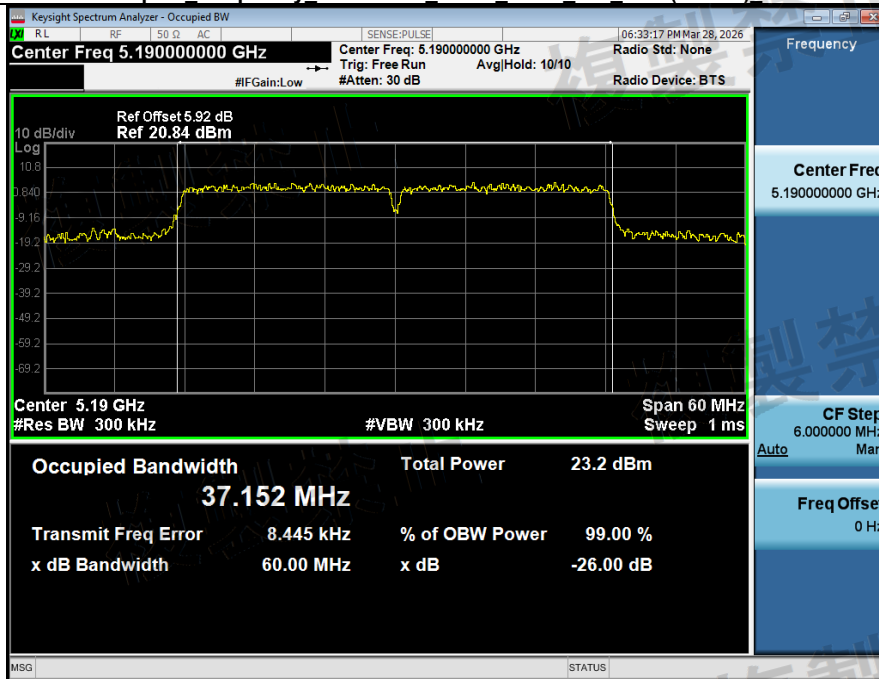
Occupied_Frequency_Bandwidth_NVNT_ANT2_802_11n(HT40)_5230



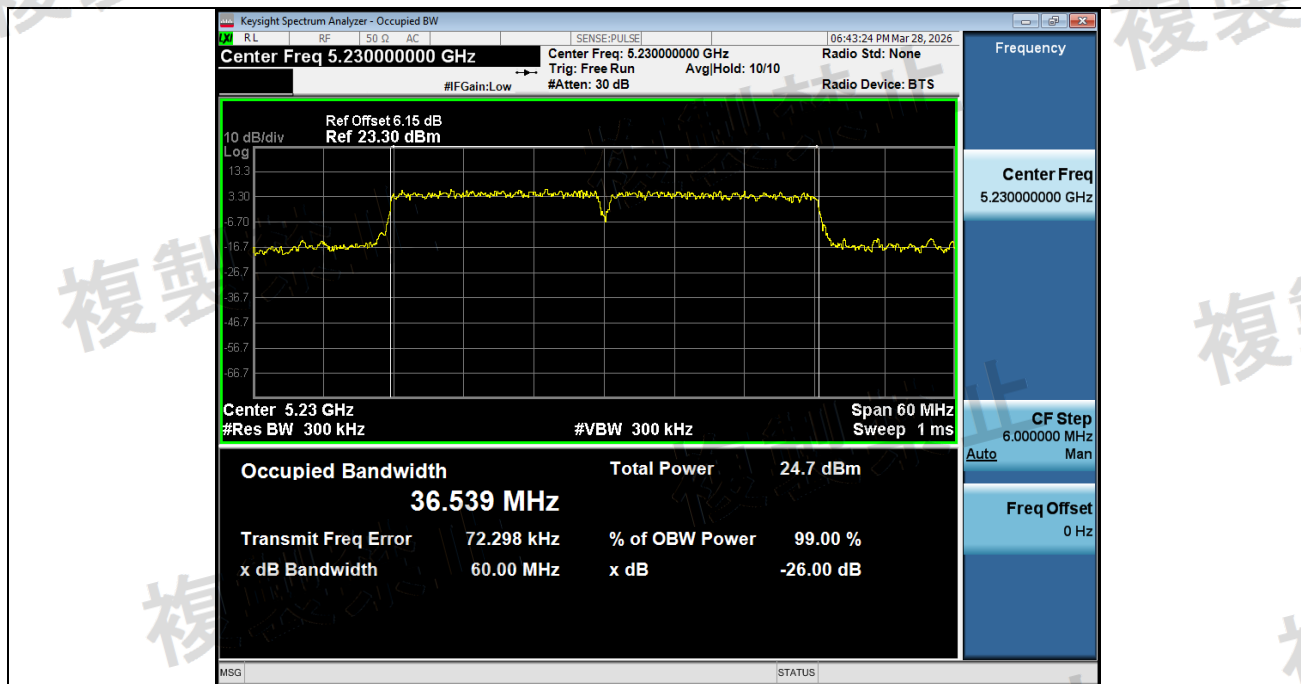
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5190



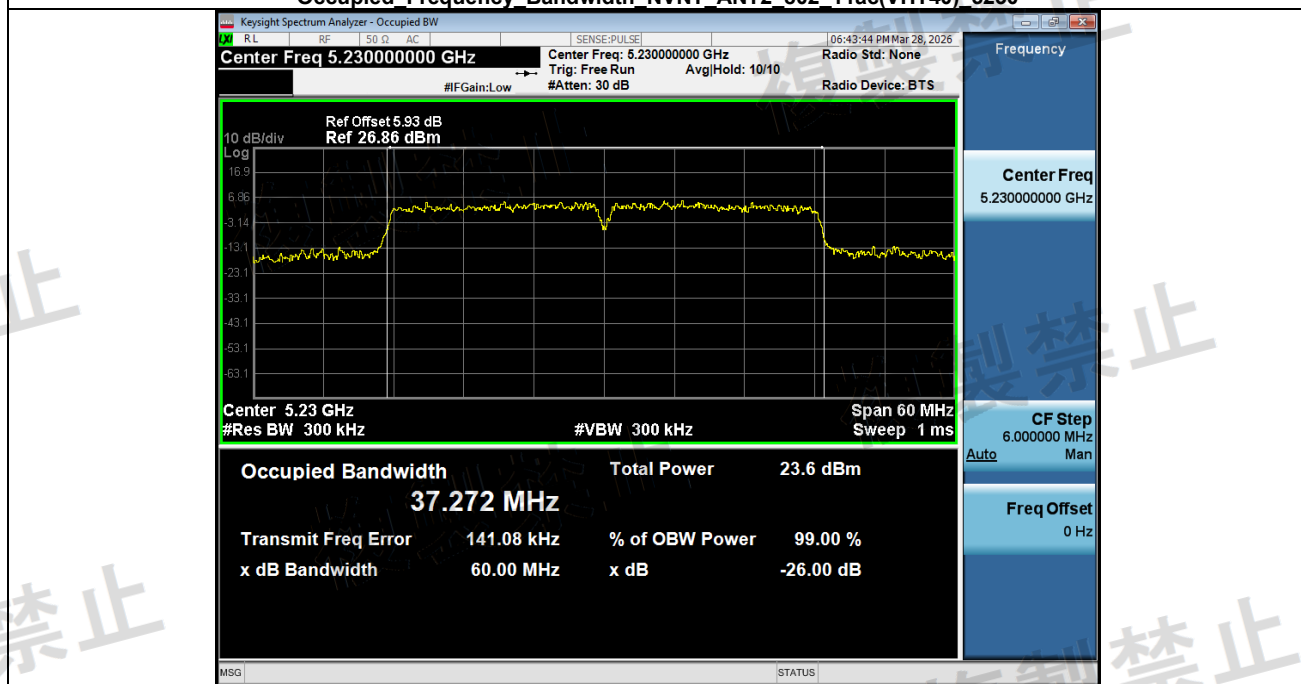
Occupied Frequency Bandwidth NVNT ANT2 802 11ac(VHT40) 5190



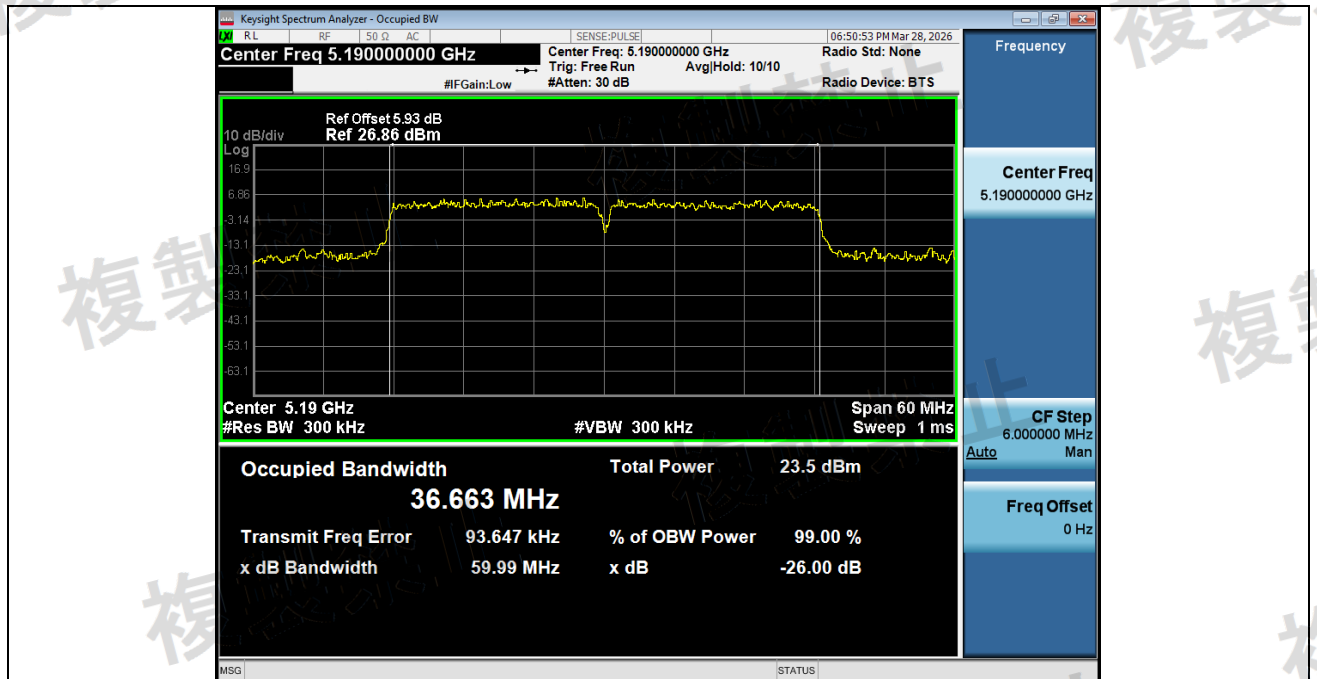
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5230



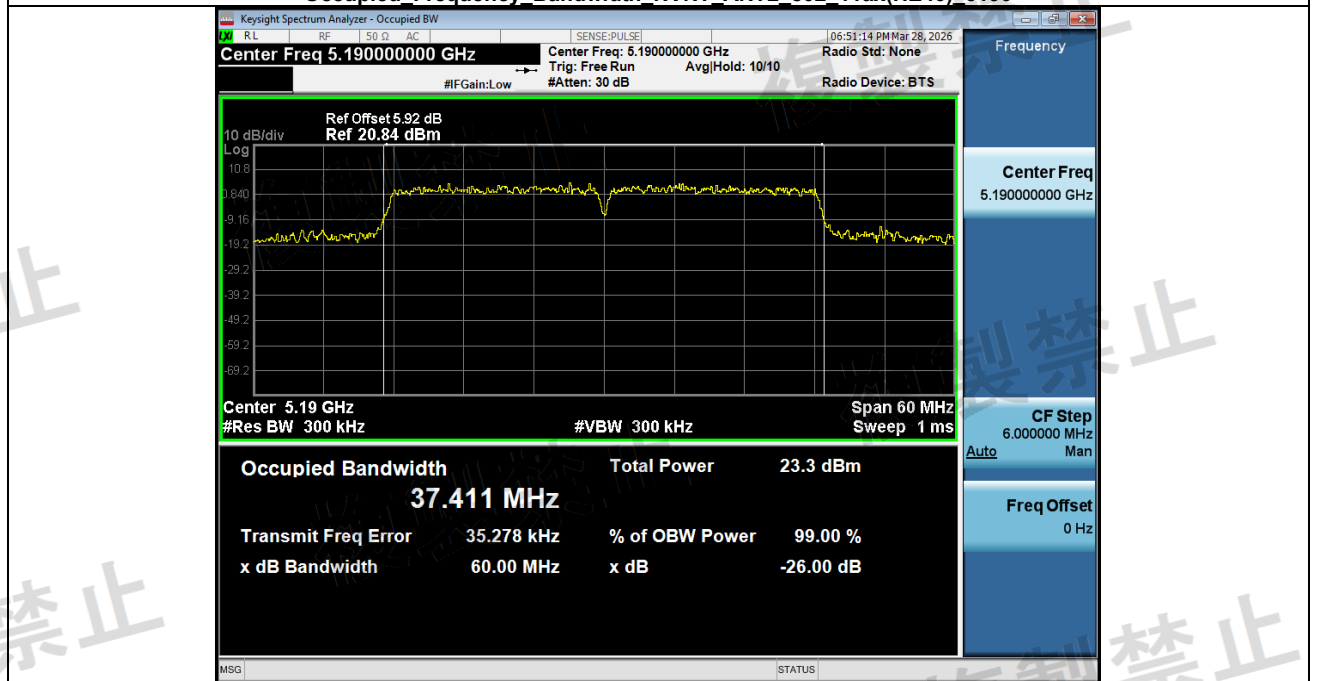
Occupied Frequency Bandwidth NVNT ANT2 802 11ac(VHT40) 5230



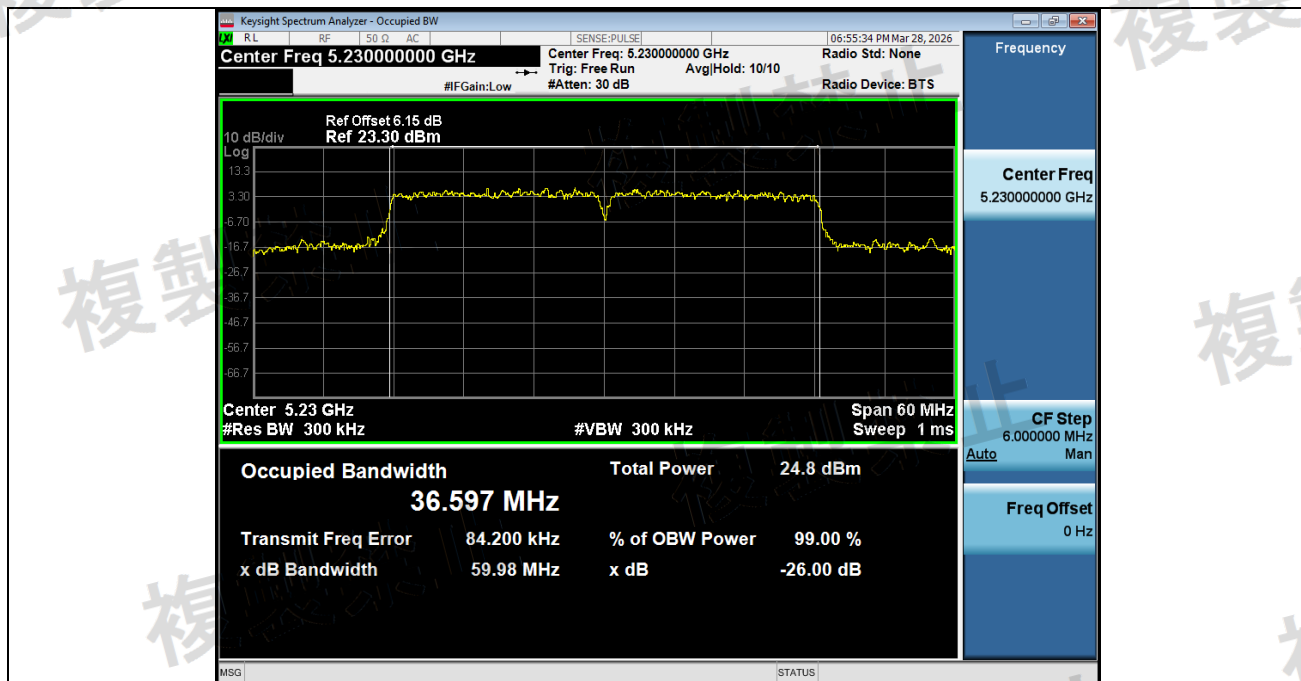
Occupied Frequency Bandwidth NVNT ANT1 802 11ax(HE40) 5190



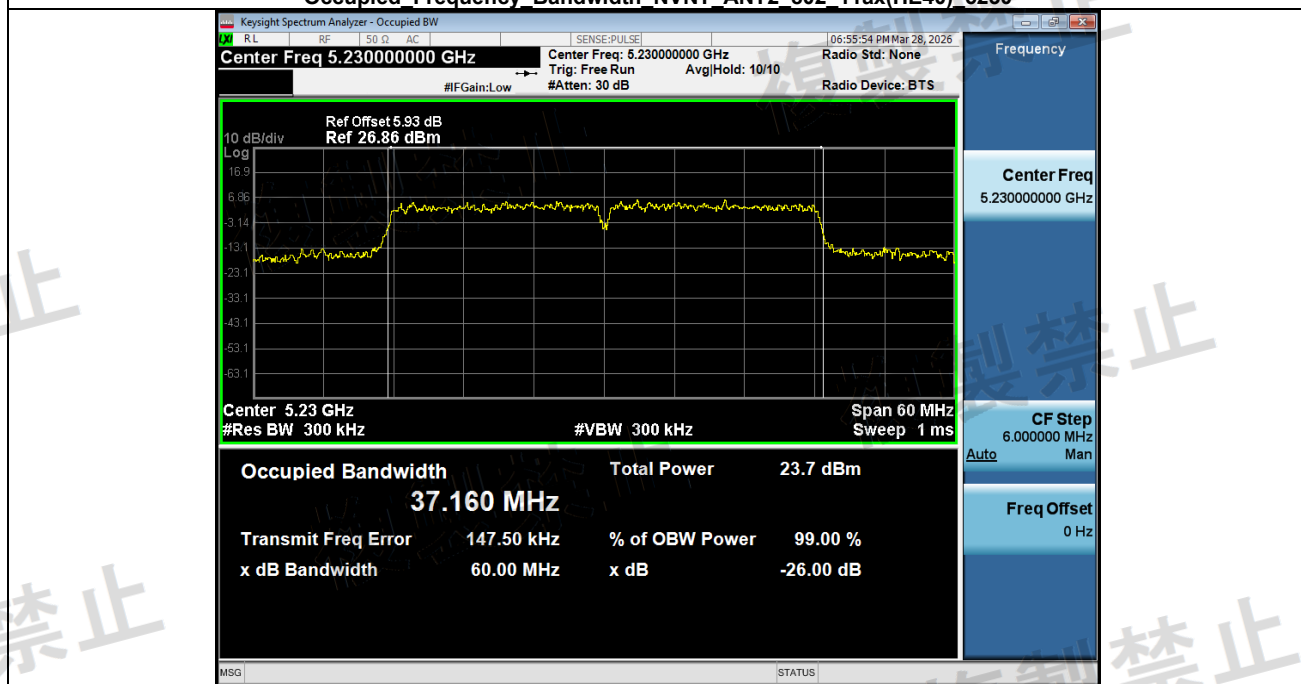
Occupied Frequency Bandwidth NVNT ANT2 802 11ax(HE40) 5190



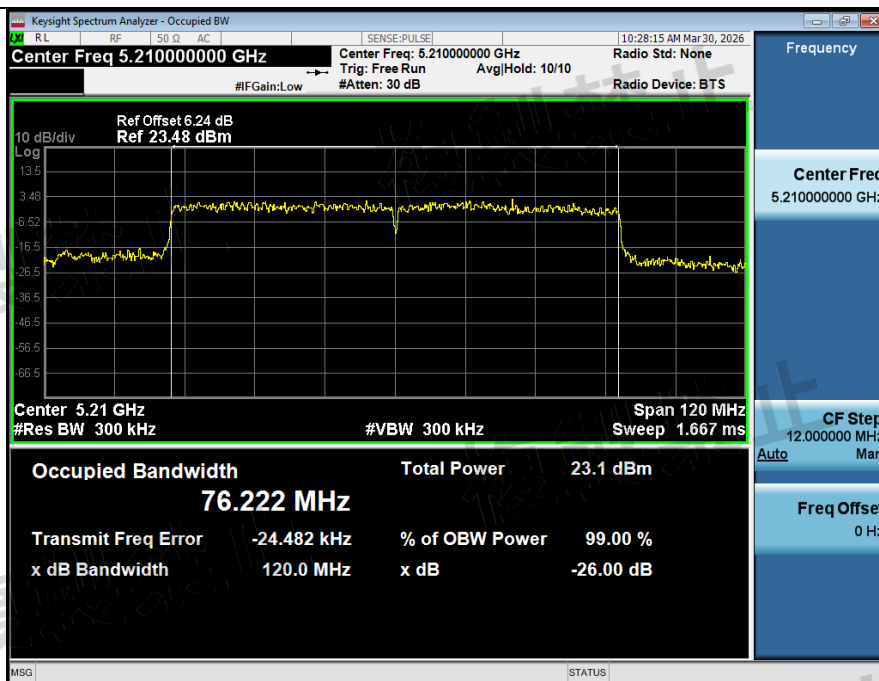
Occupied Frequency Bandwidth NVNT ANT1 802 11ax(HE40) 5230



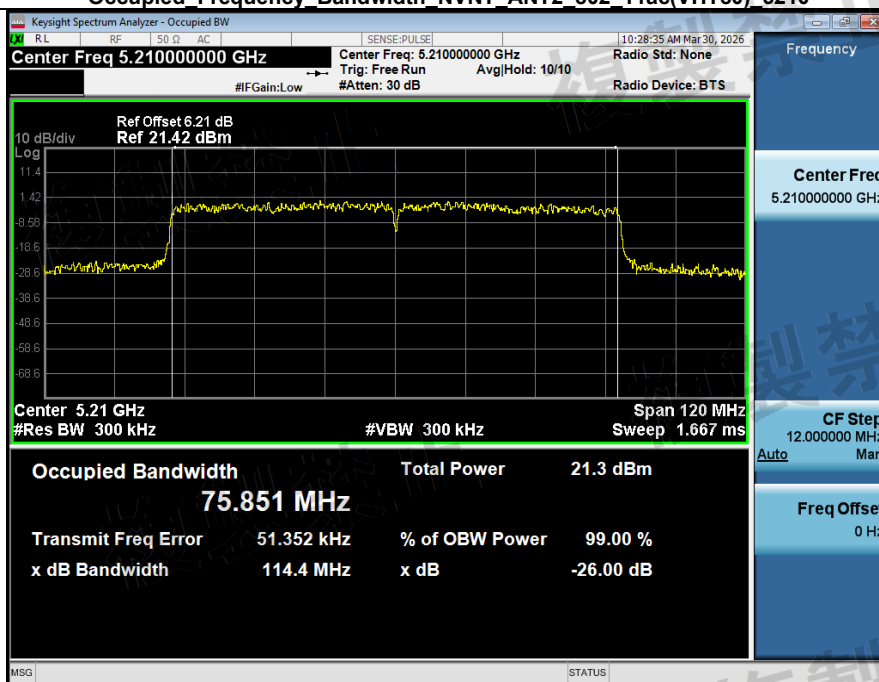
Occupied Frequency Bandwidth NVNT ANT2 802 11ax(HE40) 5230



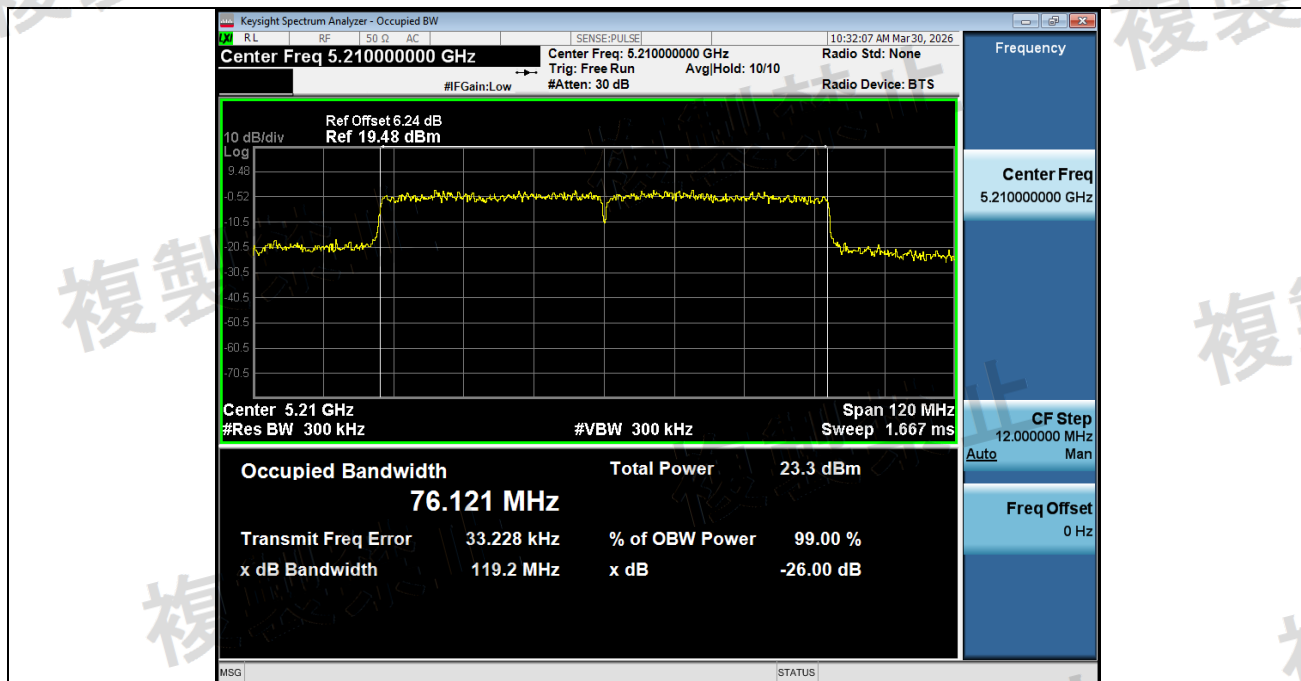
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT80)_5210



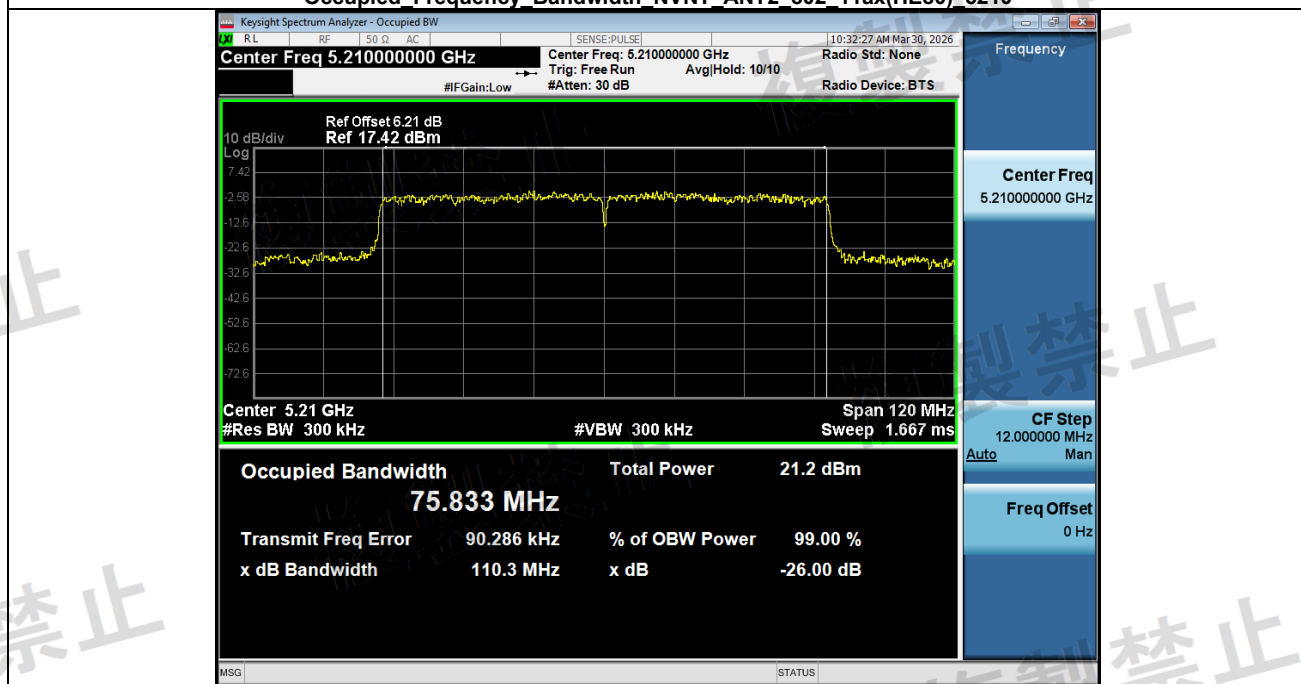
Occupied Frequency Bandwidth NVNT_ANT2_802_11ac(VHT80)_5210



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ax(HE80)_5210



Occupied Frequency Bandwidth NVNT ANT2 802 11ax(HE80) 5210



Appendix A.3: Test Results of Unwanted Emission Strength

Antenna	Mode	TX Freq. (MHz)	Freq Range (MHz)	Spur. Freq. (MHz)	Amplitude (dBm/MHz)	Limit (dBm/MHz)	Spur. Level	Limit	Result
ANT1	802.11a	5180.00	5140.0~5142.0	5140.855	-47.12	-26.00	0.0193µW/MHz	2.5µW/MHz	Pass
ANT1	802.11a	5180.00	5142.0~5150.0	5148.033	-39.89	-18.00	0.1024µW/MHz	15µW/MHz	Pass
ANT1	802.11a	5180.00	5250.0~5250.2	5250.092	-50.20	0.87	0.000010mW/MHz	1.220862mW/MHz	Pass
ANT1	802.11a	5180.00	5250.2~5251.0	5250.610	-48.89	-6.10	0.000013mW/MHz	0.245471mW/MHz	Pass
ANT1	802.11a	5180.00	5251.0~5260.0	5252.095	-47.64	-10.97	0.000017mW/MHz	0.079922mW/MHz	Pass
ANT1	802.11a	5180.00	5260.0~5266.7	5260.443	-48.95	-18.53	0.000013mW/MHz	0.014025mW/MHz	Pass
ANT1	802.11a	5180.00	5266.7~5365.0	5323.735	-47.96	-26.00	0.0159µW/MHz	2.5µW/MHz	Pass
ANT1	802.11a	5180.00	30.0~5140.0	2444.734	-36.08	-26.00	0.2467µW/MHz	2.5µW/MHz	Pass
ANT1	802.11a	5180.00	5365.0~10000.0	5690.966	-46.07	-26.00	0.0246µW/MHz	2.5µW/MHz	Pass
ANT1	802.11a	5180.00	10000.0~26000.0	15536.000	-50.28	-26.00	0.0093µW/MHz	2.5µW/MHz	Pass
ANT2	802.11a	5180.00	5140.0~5142.0	5141.552	-46.33	-26.00	0.0232µW/MHz	2.5µW/MHz	Pass
ANT2	802.11a	5180.00	5142.0~5150.0	5148.775	-41.82	-18.00	0.0656µW/MHz	15µW/MHz	Pass
ANT2	802.11a	5180.00	5250.0~5250.2	5250.092	-49.51	0.87	0.000011mW/MHz	1.220862mW/MHz	Pass
ANT2	802.11a	5180.00	5250.2~5251.0	5250.475	-48.11	-4.75	0.000015mW/MHz	0.334965mW/MHz	Pass
ANT2	802.11a	5180.00	5251.0~5260.0	5256.775	-47.85	-15.13	0.000016mW/MHz	0.030667mW/MHz	Pass
ANT2	802.11a	5180.00	5260.0~5266.7	5261.635	-48.01	-19.96	0.000016mW/MHz	0.010088mW/MHz	Pass
ANT2	802.11a	5180.00	5266.7~5365.0	5300.920	-48.00	-26.00	0.0158µW/MHz	2.5µW/MHz	Pass
ANT2	802.11a	5180.00	30.0~5140.0	2443.737	-41.48	-26.00	0.0711µW/MHz	2.5µW/MHz	Pass
ANT2	802.11a	5180.00	5365.0~10000.0	5752.780	-45.62	-26.00	0.0274µW/MHz	2.5µW/MHz	Pass
ANT2	802.11a	5180.00	10000.0~26000.0	10000.000	-50.50	-26.00	0.0089µW/MHz	2.5µW/MHz	Pass
ANT1	802.11a	5200.00	5140.0~5142.0	5141.958	-50.01	-26.00	0.0099µW/MHz	2.5µW/MHz	Pass
ANT1	802.11a	5200.00	5142.0~5150.0	5145.445	-47.53	-18.00	0.0176µW/MHz	15µW/MHz	Pass
ANT1	802.11a	5200.00	5250.0~5250.2	5250.115	-50.45	0.27	0.000009mW/MHz	1.063327mW/MHz	Pass
ANT1	802.11a	5200.00	5250.2~5251.0	5250.340	-48.89	-3.40	0.000013mW/MHz	0.457088mW/MHz	Pass
ANT1	802.11a	5200.00	5251.0~5260.0	5255.605	-49.77	-14.09	0.000011mW/MHz	0.038964mW/MHz	Pass
ANT1	802.11a	5200.00	5260.0~5266.7	5260.735	-49.62	-18.88	0.000011mW/MHz	0.012936mW/MHz	Pass
ANT1	802.11a	5200.00	5266.7~5365.0	5274.415	-49.69	-26.00	0.0107µW/MHz	2.5µW/MHz	Pass
ANT1	802.11a	5200.00	30.0~5140.0	3449.710	-47.61	-26.00	0.0173µW/MHz	2.5µW/MHz	Pass
ANT1	802.11a	5200.00	5365.0~10000.0	5899.339	-48.16	-26.00	0.0152µW/MHz	2.5µW/MHz	Pass
ANT1	802.11a	5200.00	10000.0~26000.0	15596.800	-51.95	-26.00	0.0063µW/MHz	2.5µW/MHz	Pass
ANT2	802.11a	5200.00	5140.0~5142.0	5141.485	-48.81	-26.00	0.0131µW/MHz	2.5µW/MHz	Pass
ANT2	802.11a	5200.00	5142.0~5150.0	5148.752	-46.86	-18.00	0.0205µW/MHz	15µW/MHz	Pass
ANT2	802.11a	5200.00	5250.0~5250.2	5250.182	-49.66	-1.53	0.000011mW/MHz	0.702533mW/MHz	Pass
ANT2	802.11a	5200.00	5250.2~5251.0	5250.993	-48.94	-9.93	0.000013mW/MHz	0.101742mW/MHz	Pass
ANT2	802.11a	5200.00	5251.0~5260.0	5251.015	-48.59	-10.01	0.000014mW/MHz	0.099693mW/MHz	Pass
ANT2	802.11a	5200.00	5260.0~5266.7	5261.208	-49.26	-19.45	0.000012mW/MHz	0.011353mW/MHz	Pass
ANT2	802.11a	5200.00	5266.7~5365.0	5268.182	-48.47	-26.00	0.0142µW/MHz	2.5µW/MHz	Pass
ANT2	802.11a	5200.00	30.0~5140.0	31.994	-40.80	-26.00	0.0831µW/MHz	2.5µW/MHz	Pass
ANT2	802.11a	5200.00	5365.0~10000.0	5915.291	-47.97	-26.00	0.0159µW/MHz	2.5µW/MHz	Pass
ANT2	802.11a	5200.00	10000.0~26000.0	15606.400	-50.84	-26.00	0.0082µW/MHz	2.5µW/MHz	Pass
ANT1	802.11a	5240.00	5140.0~5142.0	5141.215	-50.63	-26.00	0.0086µW/MHz	2.5µW/MHz	Pass
ANT1	802.11a	5240.00	5142.0~5150.0	5143.015	-50.79	-18.00	0.0083µW/MHz	15µW/MHz	Pass
ANT1	802.11a	5240.00	5250.0~5250.2	5250.047	-9.54	2.07	0.111160mW/MHz	1.609410mW/MHz	Pass
ANT1	802.11a	5240.00	5250.2~5251.0	5250.227	-10.42	-2.27	0.090819mW/MHz	0.592243mW/MHz	Pass
ANT1	802.11a	5240.00	5251.0~5260.0	5251.060	-16.78	-10.05	0.020968mW/MHz	0.098779mW/MHz	Pass
ANT1	802.11a	5240.00	5260.0~5266.7	5260.038	-35.76	-18.05	0.000265mW/MHz	0.015686mW/MHz	Pass
ANT1	802.11a	5240.00	5266.7~5365.0	5271.985	-45.54	-26.00	0.0279µW/MHz	2.5µW/MHz	Pass
ANT1	802.11a	5240.00	30.0~5140.0	2444.734	-39.58	-26.00	0.1102µW/MHz	2.5µW/MHz	Pass
ANT1	802.11a	5240.00	5365.0~10000.0	5883.387	-47.87	-26.00	0.0163µW/MHz	2.5µW/MHz	Pass
ANT1	802.11a	5240.00	10000.0~26000.0	10000.000	-51.06	-26.00	0.0078µW/MHz	2.5µW/MHz	Pass
ANT2	802.11a	5240.00	5140.0~5142.0	5141.238	-48.95	-26.00	0.0127µW/MHz	2.5µW/MHz	Pass
ANT2	802.11a	5240.00	5142.0~5150.0	5146.097	-48.79	-18.00	0.0132µW/MHz	15µW/MHz	Pass
ANT2	802.11a	5240.00	5250.0~5250.2	5250.002	-7.87	3.27	0.163225mW/MHz	2.121615mW/MHz	Pass
ANT2	802.11a	5240.00	5250.2~5251.0	5250.205	-9.76	-2.05	0.105743mW/MHz	0.623735mW/MHz	Pass
ANT2	802.11a	5240.00	5251.0~5260.0	5251.015	-14.59	-10.01	0.034743mW/MHz	0.099693mW/MHz	Pass
ANT2	802.11a	5240.00	5260.0~5266.7	5261.703	-32.93	-20.04	0.000509mW/MHz	0.009901mW/MHz	Pass
ANT2	802.11a	5240.00	5266.7~5365.0	5268.115	-41.02	-26.00	0.0790µW/MHz	2.5µW/MHz	Pass
ANT2	802.11a	5240.00	30.0~5140.0	32.991	-43.18	-26.00	0.0480µW/MHz	2.5µW/MHz	Pass
ANT2	802.11a	5240.00	5365.0~10000.0	7066.826	-45.45	-26.00	0.0285µW/MHz	2.5µW/MHz	Pass
ANT2	802.11a	5240.00	10000.0~26000.0	10000.000	-50.88	-26.00	0.0081µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT20)	5180.00	5140.0~5142.0	5141.530	-30.01	-26.00	0.9977µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT20)	5180.00	5142.0~5150.0	5145.940	-24.30	-18.00	3.7151µW/MHz	15µW/MHz	Pass
ANT1	802.11n(HT20)	5180.00	5250.0~5250.2	5250.002	-45.38	3.27	0.000029mW/MHz	2.121615mW/MHz	Pass
ANT1	802.11n(HT20)	5180.00	5250.2~5251.0	5250.340	-43.91	-3.40	0.000041mW/MHz	0.457088mW/MHz	Pass
ANT1	802.11n(HT20)	5180.00	5251.0~5260.0	5257.765	-43.87	-16.01	0.000041mW/MHz	0.025042mW/MHz	Pass
ANT1	802.11n(HT20)	5180.00	5260.0~5266.7	5260.983	-44.74	-19.18	0.000034mW/MHz	0.012081mW/MHz	Pass
ANT1	802.11n(HT20)	5180.00	5266.7~5365.0	5267.755	-45.92	-26.00	0.0256µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT20)	5180.00	30.0~5140.0	5139.625	-32.16	-26.00	0.6086µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT20)	5180.00	5365.0~10000.0	6477.599	-45.34	-26.00	0.0292µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT20)	5180.00	10000.0~26000.0	15539.200	-39.59	-26.00	0.1097µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT20)	5180.00	5140.0~5142.0	5141.845	-30.42	-26.00	0.9078µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT20)	5180.00	5142.0~5150.0	5146.210	-23.57	-18.00	4.3966µW/MHz	15µW/MHz	Pass
ANT2	802.11n(HT20)	5180.00	5250.0~5250.2	5250.025	-42.00	2.67	0.000063mW/MHz	1.847850mW/MHz	Pass

ANT2	802.11n(HT20)	5180.00	5250.2~5251.0	5250.700	-40.70	-7.00	0.000085mW/MHz	0.199526mW/MHz	Pass
ANT2	802.11n(HT20)	5180.00	5251.0~5260.0	5251.262	-40.42	-10.23	0.000091mW/MHz	0.094769mW/MHz	Pass
ANT2	802.11n(HT20)	5180.00	5260.0~5266.7	5262.445	-41.52	-20.93	0.000070mW/MHz	0.008065mW/MHz	Pass
ANT2	802.11n(HT20)	5180.00	5266.7~5365.0	5267.530	-42.92	-26.00	0.0510µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT20)	5180.00	30.0~5140.0	5139.625	-30.22	-26.00	0.9505µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT20)	5180.00	5365.0~10000.0	7575.296	-46.10	-26.00	0.0245µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT20)	5180.00	10000.0~26000.0	15542.400	-40.91	-26.00	0.0810µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT20)	5200.00	5140.0~5142.0	5141.057	-42.49	-26.00	0.0564µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT20)	5200.00	5142.0~5150.0	5149.113	-40.24	-18.00	0.0946µW/MHz	15µW/MHz	Pass
ANT1	802.11n(HT20)	5200.00	5250.0~5250.2	5250.115	-44.42	0.27	0.000036mW/MHz	1.063327mW/MHz	Pass
ANT1	802.11n(HT20)	5200.00	5250.2~5251.0	5250.677	-44.10	-6.77	0.000039mW/MHz	0.210136mW/MHz	Pass
ANT1	802.11n(HT20)	5200.00	5251.0~5260.0	5251.645	-42.03	-10.57	0.000063mW/MHz	0.087633mW/MHz	Pass
ANT1	802.11n(HT20)	5200.00	5260.0~5266.7	5261.927	-44.37	-20.31	0.000037mW/MHz	0.009305mW/MHz	Pass
ANT1	802.11n(HT20)	5200.00	5266.7~5365.0	5276.283	-44.33	-26.00	0.0368µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT20)	5200.00	30.0~5140.0	2443.737	-37.54	-26.00	0.1763µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT20)	5200.00	5365.0~10000.0	6502.524	-46.97	-26.00	0.0200µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT20)	5200.00	10000.0~26000.0	15601.600	-43.57	-26.00	0.0439µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT20)	5200.00	5140.0~5142.0	5141.755	-42.11	-26.00	0.0615µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT20)	5200.00	5142.0~5150.0	5148.033	-39.64	-18.00	0.1085µW/MHz	15µW/MHz	Pass
ANT2	802.11n(HT20)	5200.00	5250.0~5250.2	5250.002	-44.96	3.27	0.000032mW/MHz	2.121615mW/MHz	Pass
ANT2	802.11n(HT20)	5200.00	5250.2~5251.0	5250.880	-43.25	-8.80	0.000047mW/MHz	0.131826mW/MHz	Pass
ANT2	802.11n(HT20)	5200.00	5251.0~5260.0	5251.420	-42.63	-10.37	0.000055mW/MHz	0.091763mW/MHz	Pass
ANT2	802.11n(HT20)	5200.00	5260.0~5266.7	5262.580	-44.59	-21.10	0.000035mW/MHz	0.007770mW/MHz	Pass
ANT2	802.11n(HT20)	5200.00	5266.7~5365.0	5270.163	-44.86	-26.00	0.0326µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT20)	5200.00	30.0~5140.0	5137.631	-43.14	-26.00	0.0485µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT20)	5200.00	5365.0~10000.0	5824.564	-47.83	-26.00	0.0164µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT20)	5200.00	10000.0~26000.0	15595.200	-38.88	-26.00	0.1293µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT20)	5240.00	5140.0~5142.0	5140.900	-50.59	-26.00	0.0087µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT20)	5240.00	5142.0~5150.0	5144.703	-50.05	-18.00	0.0098µW/MHz	15µW/MHz	Pass
ANT1	802.11n(HT20)	5240.00	5250.0~5250.2	5250.002	-6.40	3.27	0.229334mW/MHz	2.121615mW/MHz	Pass
ANT1	802.11n(HT20)	5240.00	5250.2~5251.0	5250.205	-8.59	-2.05	0.1384mW/MHz	0.623735mW/MHz	Pass
ANT1	802.11n(HT20)	5240.00	5251.0~5260.0	5251.150	-16.50	-10.13	0.022370mW/MHz	0.096977mW/MHz	Pass
ANT1	802.11n(HT20)	5240.00	5260.0~5266.7	5261.163	-41.25	-19.40	0.000075mW/MHz	0.011495mW/MHz	Pass
ANT1	802.11n(HT20)	5240.00	5266.7~5365.0	5266.765	-47.90	-26.00	0.0162µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT20)	5240.00	30.0~5140.0	2444.734	-38.26	-26.00	0.1493µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT20)	5240.00	5365.0~10000.0	5999.039	-47.57	-26.00	0.0174µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT20)	5240.00	10000.0~26000.0	24456.000	-51.53	-26.00	0.0070µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT20)	5240.00	5140.0~5142.0	5140.180	-49.40	-26.00	0.0114µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT20)	5240.00	5142.0~5150.0	5147.177	-48.39	-18.00	0.0144µW/MHz	15µW/MHz	Pass
ANT2	802.11n(HT20)	5240.00	5250.0~5250.2	5250.182	-8.11	-1.53	0.245054mW/MHz	0.702533mW/MHz	Pass
ANT2	802.11n(HT20)	5240.00	5250.2~5251.0	5250.205	-8.06	-2.05	0.15451mW/MHz	0.623735mW/MHz	Pass
ANT2	802.11n(HT20)	5240.00	5251.0~5260.0	5251.105	-14.90	-10.09	0.0324mW/MHz	0.097874mW/MHz	Pass
ANT2	802.11n(HT20)	5240.00	5260.0~5266.7	5261.860	-44.64	-20.23	0.000034mW/MHz	0.009480mW/MHz	Pass
ANT2	802.11n(HT20)	5240.00	5266.7~5365.0	5269.533	-45.71	-26.00	0.0268µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT20)	5240.00	30.0~5140.0	2442.740	-44.37	-26.00	0.0365µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT20)	5240.00	5365.0~10000.0	6681.984	-45.50	-26.00	0.0281µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT20)	5240.00	10000.0~26000.0	15723.200	-51.02	-26.00	0.0078µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT20)	5180.00	5140.0~5142.0	5141.868	-48.30	-26.00	0.0148µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT20)	5180.00	5142.0~5150.0	5147.335	-42.14	-18.00	0.0610µW/MHz	15µW/MHz	Pass
ANT1	802.11ac(VHT20)	5180.00	5250.0~5250.2	5250.115	-50.72	0.27	0.000008mW/MHz	1.063327mW/MHz	Pass
ANT1	802.11ac(VHT20)	5180.00	5250.2~5251.0	5250.318	-49.57	-3.18	0.000011mW/MHz	0.481393mW/MHz	Pass
ANT1	802.11ac(VHT20)	5180.00	5251.0~5260.0	5253.040	-47.68	-11.81	0.000017mW/MHz	0.065867mW/MHz	Pass
ANT1	802.11ac(VHT20)	5180.00	5260.0~5266.7	5263.210	-48.80	-21.85	0.000013mW/MHz	0.006528mW/MHz	Pass
ANT1	802.11ac(VHT20)	5180.00	5266.7~5365.0	5289.648	-48.57	-26.00	0.0138µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT20)	5180.00	30.0~5140.0	2443.737	-37.01	-26.00	0.1990µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT20)	5180.00	5365.0~10000.0	5405.824	-45.16	-26.00	0.0305µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT20)	5180.00	10000.0~26000.0	10000.000	-50.04	-26.00	0.0098µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT20)	5180.00	5140.0~5142.0	5141.215	-46.53	-26.00	0.0222µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT20)	5180.00	5142.0~5150.0	5144.770	-43.35	-18.00	0.0462µW/MHz	15µW/MHz	Pass
ANT2	802.11ac(VHT20)	5180.00	5250.0~5250.2	5250.070	-49.48	1.47	0.000011mW/MHz	1.401737mW/MHz	Pass
ANT2	802.11ac(VHT20)	5180.00	5250.2~5251.0	5250.520	-50.74	-5.20	0.000008mW/MHz	0.301995mW/MHz	Pass
ANT2	802.11ac(VHT20)	5180.00	5251.0~5260.0	5252.387	-48.38	-11.23	0.000015mW/MHz	0.075278mW/MHz	Pass
ANT2	802.11ac(VHT20)	5180.00	5260.0~5266.7	5261.455	-47.52	-19.75	0.000018mW/MHz	0.010602mW/MHz	Pass
ANT2	802.11ac(VHT20)	5180.00	5266.7~5365.0	5273.538	-48.39	-26.00	0.0144µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT20)	5180.00	30.0~5140.0	2443.737	-44.45	-26.00	0.0358µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT20)	5180.00	5365.0~10000.0	5796.648	-46.07	-26.00	0.0247µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT20)	5180.00	10000.0~26000.0	10000.000	-49.35	-26.00	0.0116µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT20)	5200.00	5140.0~5142.0	5140.630	-36.78	-26.00	0.2099µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT20)	5200.00	5142.0~5150.0	5149.877	-31.76	-18.00	0.6664µW/MHz	15µW/MHz	Pass
ANT1	802.11ac(VHT20)	5200.00	5250.0~5250.2	5250.182	-37.67	-1.53	0.000171mW/MHz	0.702533mW/MHz	Pass
ANT1	802.11ac(VHT20)	5200.00	5250.2~5251.0	5250.273	-36.20	-2.73	0.000240mW/MHz	0.533949mW/MHz	Pass
ANT1	802.11ac(VHT20)	5200.00	5251.0~5260.0	5251.915	-36.32	-10.81	0.000233mW/MHz	0.082921mW/MHz	Pass
ANT1	802.11ac(VHT20)	5200.00	5260.0~5266.7	5260.352	-40.22	-18.42	0.000095mW/MHz	0.014378mW/MHz	Pass
ANT1	802.11ac(VHT20)	5200.00	5266.7~5365.0	5269.330	-42.99	-26.00	0.0502µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT20)	5200.00	30.0~5140.0	5139.625	-38.84	-26.00	0.1307µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT20)	5200.00	5365.0~10000.0	5832.540	-47.84	-26.00	0.0164µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT20)	5200.00	10000.0~26000.0	15600.000	-38.55	-26.00	0.1396µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT20)	5200.00	5140.0~5142.0	5140.788	-32.63	-26.00	0.5458µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT20)	5200.00	5142.0~5150.0	5148.550	-30.37	-18.00	0.9187µW/MHz	15µW/MHz	Pass
ANT2	802.11ac(VHT20)	5200.00	5250.0~5250.2	5250.070	-32.88	1.47	0.000516mW/MHz	1.401737mW/MHz	Pass

ANT2	802.11ac(VHT20)	5200.00	5250.2~5251.0	5250.700	-28.24	-7.00	0.001501mW/MHz	0.199526mW/MHz	Pass
ANT2	802.11ac(VHT20)	5200.00	5251.0~5260.0	5251.015	-30.73	-10.01	0.000846mW/MHz	0.099693mW/MHz	Pass
ANT2	802.11ac(VHT20)	5200.00	5260.0~5266.7	5260.510	-33.95	-18.61	0.000403mW/MHz	0.013766mW/MHz	Pass
ANT2	802.11ac(VHT20)	5200.00	5266.7~5365.0	5270.320	-35.18	-26.00	0.3036µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT20)	5200.00	30.0~5140.0	5132.646	-35.84	-26.00	0.2606µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT20)	5200.00	5365.0~10000.0	6504.518	-44.45	-26.00	0.0358µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT20)	5200.00	10000.0~26000.0	15604.800	-38.88	-26.00	0.1292µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT20)	5240.00	5140.0~5142.0	5141.125	-51.05	-26.00	0.0078µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT20)	5240.00	5142.0~5150.0	5147.762	-50.96	-18.00	0.0080µW/MHz	15µW/MHz	Pass
ANT1	802.11ac(VHT20)	5240.00	5250.0~5250.2	5250.025	-8.04	2.67	0.157202mW/MHz	1.847850mW/MHz	Pass
ANT1	802.11ac(VHT20)	5240.00	5250.2~5251.0	5250.273	-9.40	-2.73	0.11480mW/MHz	0.533949mW/MHz	Pass
ANT1	802.11ac(VHT20)	5240.00	5251.0~5260.0	5251.060	-19.67	-10.05	0.010795mW/MHz	0.098779mW/MHz	Pass
ANT1	802.11ac(VHT20)	5240.00	5260.0~5266.7	5262.940	-46.63	-21.53	0.000022mW/MHz	0.007034mW/MHz	Pass
ANT1	802.11ac(VHT20)	5240.00	5266.7~5365.0	5274.145	-48.76	-26.00	0.0132µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT20)	5240.00	30.0~5140.0	2640.146	-47.27	-26.00	0.0187µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT20)	5240.00	5365.0~10000.0	7590.251	-48.08	-26.00	0.0155µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT20)	5240.00	10000.0~26000.0	24657.600	-51.09	-26.00	0.0077µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT20)	5240.00	5140.0~5142.0	5140.540	-49.70	-26.00	0.0107µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT20)	5240.00	5142.0~5150.0	5146.660	-49.09	-18.00	0.0123µW/MHz	15µW/MHz	Pass
ANT2	802.11ac(VHT20)	5240.00	5250.0~5250.2	5250.025	-6.70	2.67	0.213930mW/MHz	1.847850mW/MHz	Pass
ANT2	802.11ac(VHT20)	5240.00	5250.2~5251.0	5250.587	-12.46	-5.87	0.056757mW/MHz	0.258523mW/MHz	Pass
ANT2	802.11ac(VHT20)	5240.00	5251.0~5260.0	5251.015	-17.81	-10.01	0.016550mW/MHz	0.099693mW/MHz	Pass
ANT2	802.11ac(VHT20)	5240.00	5260.0~5266.7	5262.310	-41.59	-20.77	0.000069mW/MHz	0.008371mW/MHz	Pass
ANT2	802.11ac(VHT20)	5240.00	5266.7~5365.0	5268.498	-46.71	-26.00	0.0213µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT20)	5240.00	30.0~5140.0	2444.734	-43.98	-26.00	0.0399µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT20)	5240.00	5365.0~10000.0	6282.187	-46.14	-26.00	0.0243µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT20)	5240.00	10000.0~26000.0	10000.000	-50.03	-26.00	0.0099µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE20)	5180.00	5140.0~5142.0	5141.283	-30.77	-26.00	0.8368µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE20)	5180.00	5142.0~5150.0	5147.852	-27.82	-18.00	1.6525µW/MHz	15µW/MHz	Pass
ANT1	802.11ax(HE20)	5180.00	5250.0~5250.2	5250.002	-46.33	3.27	0.000023mW/MHz	2.121615mW/MHz	Pass
ANT1	802.11ax(HE20)	5180.00	5250.2~5251.0	5250.993	-45.18	-9.93	0.000030mW/MHz	0.101742mW/MHz	Pass
ANT1	802.11ax(HE20)	5180.00	5251.0~5260.0	5259.722	-43.08	-17.75	0.000049mW/MHz	0.016775mW/MHz	Pass
ANT1	802.11ax(HE20)	5180.00	5260.0~5266.7	5260.690	-44.87	-18.83	0.000033mW/MHz	0.013098mW/MHz	Pass
ANT1	802.11ax(HE20)	5180.00	5266.7~5365.0	5269.150	-44.00	-26.00	0.0398µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE20)	5180.00	30.0~5140.0	5138.628	-31.22	-26.00	0.7552µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE20)	5180.00	5365.0~10000.0	6318.079	-46.32	-26.00	0.0233µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE20)	5180.00	10000.0~26000.0	15539.200	-44.79	-26.00	0.0331µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE20)	5180.00	5140.0~5142.0	5140.248	-35.17	-26.00	0.3037µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE20)	5180.00	5142.0~5150.0	5148.415	-30.75	-18.00	0.8404µW/MHz	15µW/MHz	Pass
ANT2	802.11ax(HE20)	5180.00	5250.0~5250.2	5250.070	-47.80	1.47	0.000017mW/MHz	1.401737mW/MHz	Pass
ANT2	802.11ax(HE20)	5180.00	5250.2~5251.0	5250.475	-47.22	-4.75	0.000019mW/MHz	0.334965mW/MHz	Pass
ANT2	802.11ax(HE20)	5180.00	5251.0~5260.0	5258.238	-46.85	-16.43	0.000021mW/MHz	0.022734mW/MHz	Pass
ANT2	802.11ax(HE20)	5180.00	5260.0~5266.7	5263.165	-45.82	-21.80	0.000026mW/MHz	0.006610mW/MHz	Pass
ANT2	802.11ax(HE20)	5180.00	5266.7~5365.0	5267.755	-46.71	-26.00	0.0213µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE20)	5180.00	30.0~5140.0	5138.628	-36.05	-26.00	0.2485µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE20)	5180.00	5365.0~10000.0	7338.010	-45.66	-26.00	0.0271µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE20)	5180.00	10000.0~26000.0	15539.200	-40.49	-26.00	0.0892µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE20)	5200.00	5140.0~5142.0	5141.980	-39.29	-26.00	0.1177µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE20)	5200.00	5142.0~5150.0	5147.717	-35.25	-18.00	0.2984µW/MHz	15µW/MHz	Pass
ANT1	802.11ax(HE20)	5200.00	5250.0~5250.2	5250.115	-43.17	0.27	0.000048mW/MHz	1.063327mW/MHz	Pass
ANT1	802.11ax(HE20)	5200.00	5250.2~5251.0	5250.498	-41.65	-4.98	0.000068mW/MHz	0.318053mW/MHz	Pass
ANT1	802.11ax(HE20)	5200.00	5251.0~5260.0	5251.060	-41.79	-10.05	0.000066mW/MHz	0.098779mW/MHz	Pass
ANT1	802.11ax(HE20)	5200.00	5260.0~5266.7	5260.667	-43.13	-18.80	0.000049mW/MHz	0.013180mW/MHz	Pass
ANT1	802.11ax(HE20)	5200.00	5266.7~5365.0	5268.318	-43.64	-26.00	0.0432µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE20)	5200.00	30.0~5140.0	5126.664	-42.00	-26.00	0.0630µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE20)	5200.00	5365.0~10000.0	5847.495	-47.42	-26.00	0.0181µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE20)	5200.00	10000.0~26000.0	15600.000	-41.93	-26.00	0.0640µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE20)	5200.00	5140.0~5142.0	5141.823	-40.10	-26.00	0.0976µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE20)	5200.00	5142.0~5150.0	5149.608	-38.15	-18.00	0.1532µW/MHz	15µW/MHz	Pass
ANT2	802.11ax(HE20)	5200.00	5250.0~5250.2	5250.182	-41.12	-1.53	0.000077mW/MHz	0.702533mW/MHz	Pass
ANT2	802.11ax(HE20)	5200.00	5250.2~5251.0	5250.948	-38.02	-9.48	0.000158mW/MHz	0.112850mW/MHz	Pass
ANT2	802.11ax(HE20)	5200.00	5251.0~5260.0	5252.410	-36.76	-11.25	0.000211mW/MHz	0.074932mW/MHz	Pass
ANT2	802.11ax(HE20)	5200.00	5260.0~5266.7	5261.568	-42.58	-19.88	0.000055mW/MHz	0.010278mW/MHz	Pass
ANT2	802.11ax(HE20)	5200.00	5266.7~5365.0	5277.677	-45.07	-26.00	0.0311µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE20)	5200.00	30.0~5140.0	2444.734	-42.07	-26.00	0.0621µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE20)	5200.00	5365.0~10000.0	6508.506	-46.09	-26.00	0.0246µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE20)	5200.00	10000.0~26000.0	15598.400	-41.94	-26.00	0.0639µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE20)	5240.00	5140.0~5142.0	5141.080	-51.36	-26.00	0.0073µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE20)	5240.00	5142.0~5150.0	5144.320	-51.12	-18.00	0.0077µW/MHz	15µW/MHz	Pass
ANT1	802.11ax(HE20)	5240.00	5250.0~5250.2	5250.002	-4.57	3.27	0.348883mW/MHz	2.121615mW/MHz	Pass
ANT1	802.11ax(HE20)	5240.00	5250.2~5251.0	5250.205	-7.44	-2.05	0.180132mW/MHz	0.623735mW/MHz	Pass
ANT1	802.11ax(HE20)	5240.00	5251.0~5260.0	5251.015	-15.34	-10.01	0.02920mW/MHz	0.099693mW/MHz	Pass
ANT1	802.11ax(HE20)	5240.00	5260.0~5266.7	5261.837	-46.51	-20.20	0.000022mW/MHz	0.009539mW/MHz	Pass
ANT1	802.11ax(HE20)	5240.00	5266.7~5365.0	5268.498	-48.92	-26.00	0.0128µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE20)	5240.00	30.0~5140.0	3084.808	-46.65	-26.00	0.0216µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE20)	5240.00	5365.0~10000.0	5856.468	-47.82	-26.00	0.0165µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE20)	5240.00	10000.0~26000.0	24435.200	-51.21	-26.00	0.0075µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE20)	5240.00	5140.0~5142.0	5141.305	-49.24	-26.00	0.0119µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE20)	5240.00	5142.0~5150.0	5144.477	-49.48	-18.00	0.0112µW/MHz	15µW/MHz	Pass
ANT2	802.11ax(HE20)	5240.00	5250.0~5250.2	5250.002	-5.59	3.27	0.275978mW/MHz	2.121615mW/MHz	Pass

ANT2	802.11ax(HE20)	5240.00	5250.2~5251.0	5250.205	-7.81	-2.05	0.165763mW/MHz	0.623735mW/MHz	Pass
ANT2	802.11ax(HE20)	5240.00	5251.0~5260.0	5251.015	-17.86	-10.01	0.016355mW/MHz	0.099693mW/MHz	Pass
ANT2	802.11ax(HE20)	5240.00	5260.0~5266.7	5263.570	-44.31	-22.28	0.000037mW/MHz	0.005910mW/MHz	Pass
ANT2	802.11ax(HE20)	5240.00	5266.7~5365.0	5268.205	-46.21	-26.00	0.0239µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE20)	5240.00	30.0~5140.0	4540.428	-41.83	-26.00	0.0656µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE20)	5240.00	5365.0~10000.0	5408.815	-45.61	-26.00	0.0274µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE20)	5240.00	10000.0~26000.0	10000.000	-51.22	-26.00	0.0075µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT40)	5190.00	5100.0~5141.6	5141.550	-47.31	-26.00	0.0185µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT40)	5190.00	5141.6~5150.0	5146.650	-47.12	-18.00	0.0193µW/MHz	15µW/MHz	Pass
ANT1	802.11n(HT40)	5190.00	5250.0~5251.0	5250.990	-50.28	-12.91	0.000009mW/MHz	0.051165mW/MHz	Pass
ANT1	802.11n(HT40)	5190.00	5251.0~5270.0	5254.380	-48.84	-14.43	0.000013mW/MHz	0.036029mW/MHz	Pass
ANT1	802.11n(HT40)	5190.00	5270.0~5278.4	5271.660	-49.33	-22.01	0.000012mW/MHz	0.006300mW/MHz	Pass
ANT1	802.11n(HT40)	5190.00	5278.4~5400.0	5278.680	-48.55	-26.00	0.0139µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT40)	5190.00	30.0~5100.0	3550.407	-45.60	-26.00	0.0275µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT40)	5190.00	5400.0~10000.0	6471.617	-45.34	-26.00	0.0292µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT40)	5190.00	10000.0~26000.0	10000.000	-50.92	-26.00	0.0080µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT40)	5190.00	5100.0~5141.6	5125.500	-47.83	-26.00	0.0164µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT40)	5190.00	5141.6~5150.0	5145.120	-47.40	-18.00	0.0181µW/MHz	15µW/MHz	Pass
ANT2	802.11n(HT40)	5190.00	5250.0~5251.0	5250.450	-49.70	-7.51	0.000011mW/MHz	0.177407mW/MHz	Pass
ANT2	802.11n(HT40)	5190.00	5251.0~5270.0	5267.130	-48.59	-19.80	0.000014mW/MHz	0.010467mW/MHz	Pass
ANT2	802.11n(HT40)	5190.00	5270.0~5278.4	5270.370	-49.12	-21.23	0.000012mW/MHz	0.007530mW/MHz	Pass
ANT2	802.11n(HT40)	5190.00	5278.4~5400.0	5357.730	-48.20	-26.00	0.0151µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT40)	5190.00	30.0~5100.0	4535.443	-41.85	-26.00	0.0653µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT40)	5190.00	5400.0~10000.0	6400.830	-46.18	-26.00	0.0240µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT40)	5190.00	10000.0~26000.0	10000.000	-50.23	-26.00	0.0094µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT40)	5230.00	5100.0~5141.6	5137.530	-49.86	-26.00	0.0103µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT40)	5230.00	5141.6~5150.0	5149.770	-50.51	-18.00	0.0088µW/MHz	15µW/MHz	Pass
ANT1	802.11n(HT40)	5230.00	5250.0~5251.0	5250.000	-19.85	-3.01	0.010341mW/MHz	0.500000mW/MHz	Pass
ANT1	802.11n(HT40)	5230.00	5251.0~5270.0	5251.050	-29.06	-13.03	0.001240mW/MHz	0.049758mW/MHz	Pass
ANT1	802.11n(HT40)	5230.00	5270.0~5278.4	5273.940	-48.55	-23.37	0.000014mW/MHz	0.004598mW/MHz	Pass
ANT1	802.11n(HT40)	5230.00	5278.4~5400.0	5280.840	-49.41	-26.00	0.0114µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT40)	5230.00	30.0~5100.0	4541.425	-46.02	-26.00	0.0250µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT40)	5230.00	5400.0~10000.0	7170.514	-47.41	-26.00	0.0181µW/MHz	2.5µW/MHz	Pass
ANT1	802.11n(HT40)	5230.00	10000.0~26000.0	24979.200	-50.85	-26.00	0.0082µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT40)	5230.00	5100.0~5141.6	5127.990	-48.29	-26.00	0.0148µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT40)	5230.00	5141.6~5150.0	5149.830	-48.93	-18.00	0.0127µW/MHz	15µW/MHz	Pass
ANT2	802.11n(HT40)	5230.00	5250.0~5251.0	5250.000	-19.59	-3.01	0.010997mW/MHz	0.500000mW/MHz	Pass
ANT2	802.11n(HT40)	5230.00	5251.0~5270.0	5251.230	-29.02	-13.11	0.001253mW/MHz	0.048897mW/MHz	Pass
ANT2	802.11n(HT40)	5230.00	5270.0~5278.4	5272.560	-45.76	-22.55	0.000027mW/MHz	0.005564mW/MHz	Pass
ANT2	802.11n(HT40)	5230.00	5278.4~5400.0	5322.570	-47.28	-26.00	0.0186µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT40)	5230.00	30.0~5100.0	2443.737	-42.74	-26.00	0.0531µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT40)	5230.00	5400.0~10000.0	6543.401	-46.25	-26.00	0.0237µW/MHz	2.5µW/MHz	Pass
ANT2	802.11n(HT40)	5230.00	10000.0~26000.0	10000.000	-49.96	-26.00	0.0100µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT40)	5190.00	5100.0~5141.6	5135.400	-47.87	-26.00	0.0163µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT40)	5190.00	5141.6~5150.0	5149.830	-45.25	-18.00	0.0298µW/MHz	15µW/MHz	Pass
ANT1	802.11ac(VHT40)	5190.00	5250.0~5251.0	5250.300	-50.42	-6.01	0.000009mW/MHz	0.250594mW/MHz	Pass
ANT1	802.11ac(VHT40)	5190.00	5251.0~5270.0	5258.640	-48.40	-16.23	0.000014mW/MHz	0.023839mW/MHz	Pass
ANT1	802.11ac(VHT40)	5190.00	5270.0~5278.4	5274.150	-49.26	-23.50	0.000012mW/MHz	0.004467mW/MHz	Pass
ANT1	802.11ac(VHT40)	5190.00	5278.4~5400.0	5301.420	-48.28	-26.00	0.0148µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT40)	5190.00	30.0~5100.0	2499.569	-45.62	-26.00	0.0274µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT40)	5190.00	5400.0~10000.0	5815.591	-45.74	-26.00	0.0266µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT40)	5190.00	10000.0~26000.0	10000.000	-50.21	-26.00	0.0095µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT40)	5190.00	5100.0~5141.6	5140.650	-46.39	-26.00	0.0229µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT40)	5190.00	5141.6~5150.0	5146.260	-43.17	-18.00	0.0482µW/MHz	15µW/MHz	Pass
ANT2	802.11ac(VHT40)	5190.00	5250.0~5251.0	5250.540	-50.39	-8.41	0.000009mW/MHz	0.144202mW/MHz	Pass
ANT2	802.11ac(VHT40)	5190.00	5251.0~5270.0	5251.530	-47.87	-13.23	0.000016mW/MHz	0.047496mW/MHz	Pass
ANT2	802.11ac(VHT40)	5190.00	5270.0~5278.4	5277.540	-49.71	-25.53	0.000011mW/MHz	0.002796mW/MHz	Pass
ANT2	802.11ac(VHT40)	5190.00	5278.4~5400.0	5345.280	-47.97	-26.00	0.0159µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT40)	5190.00	30.0~5100.0	2444.734	-42.59	-26.00	0.0550µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT40)	5190.00	5400.0~10000.0	5899.339	-46.18	-26.00	0.0241µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT40)	5190.00	10000.0~26000.0	10000.000	-50.82	-26.00	0.0082µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT40)	5230.00	5100.0~5141.6	5138.880	-50.43	-26.00	0.0090µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT40)	5230.00	5141.6~5150.0	5146.410	-49.99	-18.00	0.0100µW/MHz	15µW/MHz	Pass
ANT1	802.11ac(VHT40)	5230.00	5250.0~5251.0	5250.000	-19.18	-3.01	0.012088mW/MHz	0.500000mW/MHz	Pass
ANT1	802.11ac(VHT40)	5230.00	5251.0~5270.0	5251.230	-32.68	-13.11	0.000539mW/MHz	0.048897mW/MHz	Pass
ANT1	802.11ac(VHT40)	5230.00	5270.0~5278.4	5271.450	-47.95	-21.88	0.000016mW/MHz	0.006486mW/MHz	Pass
ANT1	802.11ac(VHT40)	5230.00	5278.4~5400.0	5279.550	-48.74	-26.00	0.0133µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT40)	5230.00	30.0~5100.0	3049.913	-47.25	-26.00	0.0188µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT40)	5230.00	5400.0~10000.0	6413.791	-47.58	-26.00	0.0174µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT40)	5230.00	10000.0~26000.0	24697.600	-51.56	-26.00	0.0069µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT40)	5230.00	5100.0~5141.6	5137.230	-49.01	-26.00	0.0125µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT40)	5230.00	5141.6~5150.0	5144.910	-48.11	-18.00	0.0154µW/MHz	15µW/MHz	Pass
ANT2	802.11ac(VHT40)	5230.00	5250.0~5251.0	5250.090	-19.61	-3.91	0.010948mW/MHz	0.406415mW/MHz	Pass
ANT2	802.11ac(VHT40)	5230.00	5251.0~5270.0	5251.020	-29.42	-13.02	0.001144mW/MHz	0.049903mW/MHz	Pass
ANT2	802.11ac(VHT40)	5230.00	5270.0~5278.4	5274.510	-43.98	-23.72	0.000040mW/MHz	0.004250mW/MHz	Pass
ANT2	802.11ac(VHT40)	5230.00	5278.4~5400.0	5278.800	-44.71	-26.00	0.0338µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT40)	5230.00	30.0~5100.0	4536.440	-41.27	-26.00	0.0746µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT40)	5230.00	5400.0~10000.0	6320.073	-46.08	-26.00	0.0246µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT40)	5230.00	10000.0~26000.0	23854.400	-50.73	-26.00	0.0084µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE40)	5190.00	5100.0~5141.6	5138.190	-47.38	-26.00	0.0182µW/MHz	2.5µW/MHz	Pass

ANT1	802.11ax(HE40)	5190.00	5141.6~5150.0	5146.530	-47.51	-18.00	0.0177µW/MHz	15µW/MHz	Pass
ANT1	802.11ax(HE40)	5190.00	5250.0~5251.0	5250.510	-49.29	-8.11	0.000012mW/MHz	0.154515mW/MHz	Pass
ANT1	802.11ax(HE40)	5190.00	5251.0~5270.0	5261.850	-49.74	-17.58	0.000011mW/MHz	0.017463mW/MHz	Pass
ANT1	802.11ax(HE40)	5190.00	5270.0~5278.4	5271.270	-49.34	-21.77	0.000012mW/MHz	0.006649mW/MHz	Pass
ANT1	802.11ax(HE40)	5190.00	5278.4~5400.0	5377.440	-48.31	-26.00	0.0147µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE40)	5190.00	30.0~5100.0	3211.427	-44.89	-26.00	0.0324µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE40)	5190.00	5400.0~10000.0	5886.378	-45.67	-26.00	0.0270µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE40)	5190.00	10000.0~26000.0	10000.000	-51.33	-26.00	0.0073µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE40)	5190.00	5100.0~5141.6	5140.320	-46.67	-26.00	0.0215µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE40)	5190.00	5141.6~5150.0	5149.500	-45.76	-18.00	0.0265µW/MHz	15µW/MHz	Pass
ANT2	802.11ax(HE40)	5190.00	5250.0~5251.0	5250.840	-49.64	-11.41	0.000011mW/MHz	0.072272mW/MHz	Pass
ANT2	802.11ax(HE40)	5190.00	5251.0~5270.0	5253.480	-48.54	-14.05	0.000014mW/MHz	0.039314mW/MHz	Pass
ANT2	802.11ax(HE40)	5190.00	5270.0~5278.4	5274.300	-48.52	-23.59	0.000014mW/MHz	0.004375mW/MHz	Pass
ANT2	802.11ax(HE40)	5190.00	5278.4~5400.0	5332.680	-48.45	-26.00	0.0142µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE40)	5190.00	30.0~5100.0	2434.764	-43.24	-26.00	0.0474µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE40)	5190.00	5400.0~10000.0	5682.990	-45.71	-26.00	0.0268µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE40)	5190.00	10000.0~26000.0	24448.000	-51.21	-26.00	0.0075µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE40)	5230.00	5100.0~5141.6	5139.450	-50.32	-26.00	0.0092µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE40)	5230.00	5141.6~5150.0	5142.960	-50.58	-18.00	0.0087µW/MHz	15µW/MHz	Pass
ANT1	802.11ax(HE40)	5230.00	5250.0~5251.0	5250.030	-24.57	-3.31	0.003491mW/MHz	0.466627mW/MHz	Pass
ANT1	802.11ax(HE40)	5230.00	5251.0~5270.0	5251.170	-33.84	-13.08	0.000413mW/MHz	0.049183mW/MHz	Pass
ANT1	802.11ax(HE40)	5230.00	5270.0~5278.4	5271.090	-48.43	-21.66	0.000014mW/MHz	0.006817mW/MHz	Pass
ANT1	802.11ax(HE40)	5230.00	5278.4~5400.0	5279.250	-49.33	-26.00	0.0116µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE40)	5230.00	30.0~5100.0	4540.428	-41.39	-26.00	0.0725µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE40)	5230.00	5400.0~10000.0	5687.975	-48.12	-26.00	0.0154µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE40)	5230.00	10000.0~26000.0	24380.800	-50.89	-26.00	0.0081µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE40)	5230.00	5100.0~5141.6	5140.590	-48.72	-26.00	0.0134µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE40)	5230.00	5141.6~5150.0	5145.720	-48.70	-18.00	0.0134µW/MHz	15µW/MHz	Pass
ANT2	802.11ax(HE40)	5230.00	5250.0~5251.0	5250.090	-19.87	-3.91	0.010298mW/MHz	0.406415mW/MHz	Pass
ANT2	802.11ax(HE40)	5230.00	5251.0~5270.0	5251.170	-30.59	-13.08	0.000872mW/MHz	0.049183mW/MHz	Pass
ANT2	802.11ax(HE40)	5230.00	5270.0~5278.4	5271.210	-43.81	-21.74	0.000042mW/MHz	0.006705mW/MHz	Pass
ANT2	802.11ax(HE40)	5230.00	5278.4~5400.0	5286.000	-46.24	-26.00	0.0237µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE40)	5230.00	30.0~5100.0	32.991	-43.94	-26.00	0.0403µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE40)	5230.00	5400.0~10000.0	6262.247	-46.67	-26.00	0.0215µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE40)	5230.00	10000.0~26000.0	10000.000	-51.01	-26.00	0.0079µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT80)	5210.00	5100.0~5123.2	5113.148	-44.38	-26.00	0.0364µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT80)	5210.00	5123.2~5150.0	5134.846	-40.44	-18.00	0.0903µW/MHz	15µW/MHz	Pass
ANT1	802.11ac(VHT80)	5210.00	5250.0~5251.0	5250.024	-23.12	-6.26	0.004876mW/MHz	0.236559mW/MHz	Pass
ANT1	802.11ac(VHT80)	5210.00	5251.0~5290.0	5251.658	-31.08	-16.16	0.000780mW/MHz	0.024235mW/MHz	Pass
ANT1	802.11ac(VHT80)	5210.00	5290.0~5296.7	5294.104	-45.50	-25.25	0.000028mW/MHz	0.002984mW/MHz	Pass
ANT1	802.11ac(VHT80)	5210.00	5296.7~5480.0	5299.272	-48.07	-26.00	0.0155µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT80)	5210.00	30.0~5100.0	4540.428	-45.82	-26.00	0.0261µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT80)	5210.00	5480.0~10000.0	7491.548	-47.51	-26.00	0.0177µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ac(VHT80)	5210.00	10000.0~26000.0	23870.400	-50.20	-26.00	0.0095µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT80)	5210.00	5100.0~5123.2	5121.394	-44.35	-26.00	0.0367µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT80)	5210.00	5123.2~5150.0	5136.632	-41.05	-18.00	0.0784µW/MHz	15µW/MHz	Pass
ANT2	802.11ac(VHT80)	5210.00	5250.0~5251.0	5250.024	-20.11	-6.26	0.009752mW/MHz	0.236559mW/MHz	Pass
ANT2	802.11ac(VHT80)	5210.00	5251.0~5290.0	5251.050	-27.21	-16.03	0.001900mW/MHz	0.024941mW/MHz	Pass
ANT2	802.11ac(VHT80)	5210.00	5290.0~5296.7	5295.738	-46.92	-25.74	0.000020mW/MHz	0.002666mW/MHz	Pass
ANT2	802.11ac(VHT80)	5210.00	5296.7~5480.0	5301.476	-44.91	-26.00	0.0323µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT80)	5210.00	30.0~5100.0	2441.743	-43.18	-26.00	0.0481µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT80)	5210.00	5480.0~10000.0	5986.078	-47.85	-26.00	0.0164µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ac(VHT80)	5210.00	10000.0~26000.0	24382.400	-51.44	-26.00	0.0071µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE80)	5210.00	5100.0~5123.2	5120.330	-45.44	-26.00	0.0286µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE80)	5210.00	5123.2~5150.0	5134.314	-41.01	-18.00	0.0792µW/MHz	15µW/MHz	Pass
ANT1	802.11ax(HE80)	5210.00	5250.0~5251.0	5250.252	-25.73	-8.54	0.002672mW/MHz	0.139939mW/MHz	Pass
ANT1	802.11ax(HE80)	5210.00	5251.0~5290.0	5251.012	-30.79	-16.02	0.000834mW/MHz	0.024986mW/MHz	Pass
ANT1	802.11ax(HE80)	5210.00	5290.0~5296.7	5294.104	-45.96	-25.25	0.000025mW/MHz	0.002984mW/MHz	Pass
ANT1	802.11ax(HE80)	5210.00	5296.7~5480.0	5307.480	-49.01	-26.00	0.0125µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE80)	5210.00	30.0~5100.0	3117.709	-46.49	-26.00	0.0224µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE80)	5210.00	5480.0~10000.0	5784.684	-47.45	-26.00	0.0179µW/MHz	2.5µW/MHz	Pass
ANT1	802.11ax(HE80)	5210.00	10000.0~26000.0	24398.400	-51.75	-26.00	0.0066µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE80)	5210.00	5100.0~5123.2	5121.090	-45.03	-26.00	0.0314µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE80)	5210.00	5123.2~5150.0	5136.062	-41.15	-18.00	0.0766µW/MHz	15µW/MHz	Pass
ANT2	802.11ax(HE80)	5210.00	5250.0~5251.0	5250.100	-21.01	-7.02	0.007934mW/MHz	0.198582mW/MHz	Pass
ANT2	802.11ax(HE80)	5210.00	5251.0~5290.0	5251.240	-28.14	-16.07	0.001533mW/MHz	0.024718mW/MHz	Pass
ANT2	802.11ax(HE80)	5210.00	5290.0~5296.7	5294.256	-47.34	-25.30	0.000018mW/MHz	0.002953mW/MHz	Pass
ANT2	802.11ax(HE80)	5210.00	5296.7~5480.0	5297.676	-45.15	-26.00	0.0305µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE80)	5210.00	30.0~5100.0	2441.743	-42.02	-26.00	0.0628µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE80)	5210.00	5480.0~10000.0	7362.935	-48.17	-26.00	0.0152µW/MHz	2.5µW/MHz	Pass
ANT2	802.11ax(HE80)	5210.00	10000.0~26000.0	24574.400	-51.85	-26.00	0.0065µW/MHz	2.5µW/MHz	Pass



MOMO Mode(1/2 Limit)

Antenna	Mode	TX Freq. (MHz)	Freq Range(MHz)	Spur. Freq (MHz)	Amplitude (dBm)	Limit (dBm)	1/2 Limit (dBm)	Result
ANT1	802.11n(HT20)	5180.00	5140.0~5142.0	5141.462	-30.01	-26.00	-29.01	Pass
ANT1	802.11n(HT20)	5180.00	5142.0~5150.0	5148.685	-24.3	-18.00	-21.01	Pass
ANT1	802.11n(HT20)	5180.00	5250.0~5250.2	5250.182	-45.38	-1.53	-4.54	Pass
ANT1	802.11n(HT20)	5180.00	5250.2~5251.0	5250.340	-43.91	-3.40	-6.41	Pass
ANT1	802.11n(HT20)	5180.00	5251.0~5260.0	5251.420	-43.87	-10.37	-13.38	Pass
ANT1	802.11n(HT20)	5180.00	5260.0~5266.7	5264.042	-44.74	-22.85	-25.86	Pass
ANT1	802.11n(HT20)	5180.00	5266.7~5365.0	5329.698	-45.92	-26.00	-29.01	Pass
ANT1	802.11n(HT20)	5180.00	30.0~5140.0	5139.625	-32.16	-26.00	-29.01	Pass
ANT1	802.11n(HT20)	5180.00	5365.0~10000.0	6476.602	-45.34	-26.00	-29.01	Pass
ANT1	802.11n(HT20)	5180.00	10000.0~26000.0	10000.000	-39.59	-26.00	-29.01	Pass
ANT2	802.11n(HT20)	5180.00	5140.0~5142.0	5140.743	-30.42	-26.00	-29.01	Pass
ANT2	802.11n(HT20)	5180.00	5142.0~5150.0	5149.630	-23.57	-18.00	-21.01	Pass
ANT2	802.11n(HT20)	5180.00	5250.0~5250.2	5250.160	-42	-0.93	-3.94	Pass
ANT2	802.11n(HT20)	5180.00	5250.2~5251.0	5250.430	-40.7	-4.30	-7.31	Pass
ANT2	802.11n(HT20)	5180.00	5251.0~5260.0	5251.420	-40.42	-10.37	-13.38	Pass
ANT2	802.11n(HT20)	5180.00	5260.0~5266.7	5261.882	-41.52	-20.26	-23.27	Pass
ANT2	802.11n(HT20)	5180.00	5266.7~5365.0	5300.920	-42.92	-26.00	-29.01	Pass
ANT2	802.11n(HT20)	5180.00	30.0~5140.0	2634.164	-30.22	-26.00	-29.01	Pass
ANT2	802.11n(HT20)	5180.00	5365.0~10000.0	6965.132	-46.1	-26.00	-29.01	Pass
ANT2	802.11n(HT20)	5180.00	10000.0~26000.0	10000.000	-40.91	-26.00	-29.01	Pass
ANT1	802.11n(HT20)	5200.00	5140.0~5142.0	5141.890	-42.49	-26.00	-29.01	Pass
ANT1	802.11n(HT20)	5200.00	5142.0~5150.0	5146.908	-40.24	-18.00	-21.01	Pass
ANT1	802.11n(HT20)	5200.00	5250.0~5250.2	5250.025	-44.42	2.67	-0.34	Pass
ANT1	802.11n(HT20)	5200.00	5250.2~5251.0	5250.790	-44.1	-7.90	-10.91	Pass
ANT1	802.11n(HT20)	5200.00	5251.0~5260.0	5256.438	-42.03	-14.83	-17.84	Pass
ANT1	802.11n(HT20)	5200.00	5260.0~5266.7	5265.640	-44.37	-24.77	-27.78	Pass
ANT1	802.11n(HT20)	5200.00	5266.7~5365.0	5299.637	-44.33	-26.00	-29.01	Pass
ANT1	802.11n(HT20)	5200.00	30.0~5140.0	2577.335	-37.54	-26.00	-29.01	Pass
ANT1	802.11n(HT20)	5200.00	5365.0~10000.0	5805.621	-46.97	-26.00	-29.01	Pass
ANT1	802.11n(HT20)	5200.00	10000.0~26000.0	24403.200	-43.57	-26.00	-29.01	Pass
ANT2	802.11n(HT20)	5200.00	5140.0~5142.0	5141.125	-42.11	-26.00	-29.01	Pass
ANT2	802.11n(HT20)	5200.00	5142.0~5150.0	5142.767	-39.64	-18.00	-21.01	Pass
ANT2	802.11n(HT20)	5200.00	5250.0~5250.2	5250.092	-44.96	0.87	-2.14	Pass
ANT2	802.11n(HT20)	5200.00	5250.2~5251.0	5250.993	-43.25	-9.93	-12.94	Pass
ANT2	802.11n(HT20)	5200.00	5251.0~5260.0	5253.625	-42.63	-12.33	-15.34	Pass
ANT2	802.11n(HT20)	5200.00	5260.0~5266.7	5262.805	-44.59	-21.37	-24.38	Pass
ANT2	802.11n(HT20)	5200.00	5266.7~5365.0	5363.042	-44.86	-26.00	-29.01	Pass
ANT2	802.11n(HT20)	5200.00	30.0~5140.0	3561.374	-43.14	-26.00	-29.01	Pass
ANT2	802.11n(HT20)	5200.00	5365.0~10000.0	6723.858	-47.83	-26.00	-29.01	Pass
ANT2	802.11n(HT20)	5200.00	10000.0~26000.0	24396.800	-38.88	-26.00	-29.01	Pass
ANT1	802.11n(HT20)	5240.00	5140.0~5142.0	5141.868	-50.59	-26.00	-29.01	Pass
ANT1	802.11n(HT20)	5240.00	5142.0~5150.0	5148.212	-50.05	-18.00	-21.01	Pass
ANT1	802.11n(HT20)	5240.00	5250.0~5250.2	5250.092	-6.4	0.87	-2.14	Pass
ANT1	802.11n(HT20)	5240.00	5250.2~5251.0	5250.453	-8.59	-4.53	-7.54	Pass
ANT1	802.11n(HT20)	5240.00	5251.0~5260.0	5251.015	-16.5	-10.01	-13.02	Pass
ANT1	802.11n(HT20)	5240.00	5260.0~5266.7	5260.420	-41.25	-18.50	-21.51	Pass
ANT1	802.11n(HT20)	5240.00	5266.7~5365.0	5267.462	-47.9	-26.00	-29.01	Pass
ANT1	802.11n(HT20)	5240.00	30.0~5140.0	2710.933	-38.26	-26.00	-29.01	Pass
ANT1	802.11n(HT20)	5240.00	5365.0~10000.0	6543.401	-47.57	-26.00	-29.01	Pass
ANT1	802.11n(HT20)	5240.00	10000.0~26000.0	24691.200	-51.53	-26.00	-29.01	Pass
ANT2	802.11n(HT20)	5240.00	5140.0~5142.0	5140.653	-49.4	-26.00	-29.01	Pass
ANT2	802.11n(HT20)	5240.00	5142.0~5150.0	5147.222	-48.39	-18.00	-21.01	Pass
ANT2	802.11n(HT20)	5240.00	5250.0~5250.2	5250.002	-8.11	3.27	0.26	Pass
ANT2	802.11n(HT20)	5240.00	5250.2~5251.0	5250.318	-8.06	-3.18	-6.19	Pass
ANT2	802.11n(HT20)	5240.00	5251.0~5260.0	5251.307	-14.9	-10.27	-13.28	Pass
ANT2	802.11n(HT20)	5240.00	5260.0~5266.7	5261.252	-44.64	-19.50	-22.51	Pass
ANT2	802.11n(HT20)	5240.00	5266.7~5365.0	5270.477	-45.71	-26.00	-29.01	Pass
ANT2	802.11n(HT20)	5240.00	30.0~5140.0	3344.028	-44.37	-26.00	-29.01	Pass
ANT2	802.11n(HT20)	5240.00	5365.0~10000.0	5782.690	-45.5	-26.00	-29.01	Pass
ANT2	802.11n(HT20)	5240.00	10000.0~26000.0	10000.000	-51.02	-26.00	-29.01	Pass
ANT1	802.11ac(VHT20)	5180.00	5140.0~5142.0	5141.507	-48.3	-26.00	-29.01	Pass
ANT1	802.11ac(VHT20)	5180.00	5142.0~5150.0	5148.977	-42.14	-18.00	-21.01	Pass
ANT1	802.11ac(VHT20)	5180.00	5250.0~5250.2	5250.160	-50.72	-0.93	-3.94	Pass
ANT1	802.11ac(VHT20)	5180.00	5250.2~5251.0	5250.340	-49.57	-3.40	-6.41	Pass
ANT1	802.11ac(VHT20)	5180.00	5251.0~5260.0	5255.875	-47.68	-14.33	-17.34	Pass
ANT1	802.11ac(VHT20)	5180.00	5260.0~5266.7	5261.365	-48.8	-19.64	-22.65	Pass
ANT1	802.11ac(VHT20)	5180.00	5266.7~5365.0	5348.125	-48.57	-26.00	-29.01	Pass



ANT1	802.11ac(VHT20)	5180.00	30.0~5140.0	3440.737	-37.01	-26.00	-29.01	Pass
ANT1	802.11ac(VHT20)	5180.00	5365.0~10000.0	6847.486	-45.16	-26.00	-29.01	Pass
ANT1	802.11ac(VHT20)	5180.00	10000.0~26000.0	10000.000	-50.04	-26.00	-29.01	Pass
ANT2	802.11ac(VHT20)	5180.00	5140.0~5142.0	5141.710	-46.53	-26.00	-29.01	Pass
ANT2	802.11ac(VHT20)	5180.00	5142.0~5150.0	5143.307	-43.35	-18.00	-21.01	Pass
ANT2	802.11ac(VHT20)	5180.00	5250.0~5250.2	5250.160	-49.48	-0.93	-3.94	Pass
ANT2	802.11ac(VHT20)	5180.00	5250.2~5251.0	5250.632	-50.74	-6.32	-9.33	Pass
ANT2	802.11ac(VHT20)	5180.00	5251.0~5260.0	5251.780	-48.38	-10.69	-13.70	Pass
ANT2	802.11ac(VHT20)	5180.00	5260.0~5266.7	5266.360	-47.52	-25.63	-28.64	Pass
ANT2	802.11ac(VHT20)	5180.00	5266.7~5365.0	5346.280	-48.39	-26.00	-29.01	Pass
ANT2	802.11ac(VHT20)	5180.00	30.0~5140.0	3596.269	-44.45	-26.00	-29.01	Pass
ANT2	802.11ac(VHT20)	5180.00	5365.0~10000.0	5876.408	-46.07	-26.00	-29.01	Pass
ANT2	802.11ac(VHT20)	5180.00	10000.0~26000.0	10000.000	-49.35	-26.00	-29.01	Pass
ANT1	802.11ac(VHT20)	5200.00	5140.0~5142.0	5141.845	-36.78	-26.00	-29.01	Pass
ANT1	802.11ac(VHT20)	5200.00	5142.0~5150.0	5145.017	-31.76	-18.00	-21.01	Pass
ANT1	802.11ac(VHT20)	5200.00	5250.0~5250.2	5250.025	-37.67	2.67	-0.34	Pass
ANT1	802.11ac(VHT20)	5200.00	5250.2~5251.0	5250.542	-36.2	-5.42	-8.43	Pass
ANT1	802.11ac(VHT20)	5200.00	5251.0~5260.0	5254.188	-36.32	-12.83	-15.84	Pass
ANT1	802.11ac(VHT20)	5200.00	5260.0~5266.7	5265.460	-40.22	-24.55	-27.56	Pass
ANT1	802.11ac(VHT20)	5200.00	5266.7~5365.0	5273.020	-42.99	-26.00	-29.01	Pass
ANT1	802.11ac(VHT20)	5200.00	30.0~5140.0	2788.699	-38.84	-26.00	-29.01	Pass
ANT1	802.11ac(VHT20)	5200.00	5365.0~10000.0	6502.524	-47.84	-26.00	-29.01	Pass
ANT1	802.11ac(VHT20)	5200.00	10000.0~26000.0	24616.000	-38.55	-26.00	-29.01	Pass
ANT2	802.11ac(VHT20)	5200.00	5140.0~5142.0	5140.292	-32.63	-26.00	-29.01	Pass
ANT2	802.11ac(VHT20)	5200.00	5142.0~5150.0	5147.965	-30.37	-18.00	-21.01	Pass
ANT2	802.11ac(VHT20)	5200.00	5250.0~5250.2	5250.002	-32.88	3.27	0.26	Pass
ANT2	802.11ac(VHT20)	5200.00	5250.2~5251.0	5250.677	-28.24	-6.77	-9.78	Pass
ANT2	802.11ac(VHT20)	5200.00	5251.0~5260.0	5255.807	-30.73	-14.27	-17.28	Pass
ANT2	802.11ac(VHT20)	5200.00	5260.0~5266.7	5260.015	-33.95	-18.02	-21.03	Pass
ANT2	802.11ac(VHT20)	5200.00	5266.7~5365.0	5285.890	-35.18	-26.00	-29.01	Pass
ANT2	802.11ac(VHT20)	5200.00	30.0~5140.0	3416.809	-35.84	-26.00	-29.01	Pass
ANT2	802.11ac(VHT20)	5200.00	5365.0~10000.0	5425.764	-44.45	-26.00	-29.01	Pass
ANT2	802.11ac(VHT20)	5200.00	10000.0~26000.0	24686.400	-38.88	-26.00	-29.01	Pass
ANT1	802.11ac(VHT20)	5240.00	5140.0~5142.0	5140.382	-51.05	-26.00	-29.01	Pass
ANT1	802.11ac(VHT20)	5240.00	5142.0~5150.0	5144.815	-50.96	-18.00	-21.01	Pass
ANT1	802.11ac(VHT20)	5240.00	5250.0~5250.2	5250.115	-8.04	0.27	-2.74	Pass
ANT1	802.11ac(VHT20)	5240.00	5250.2~5251.0	5250.565	-9.4	-5.65	-8.66	Pass
ANT1	802.11ac(VHT20)	5240.00	5251.0~5260.0	5251.105	-19.67	-10.09	-13.10	Pass
ANT1	802.11ac(VHT20)	5240.00	5260.0~5266.7	5260.757	-46.63	-18.91	-21.92	Pass
ANT1	802.11ac(VHT20)	5240.00	5266.7~5365.0	5267.035	-48.76	-26.00	-29.01	Pass
ANT1	802.11ac(VHT20)	5240.00	30.0~5140.0	3580.317	-47.27	-26.00	-29.01	Pass
ANT1	802.11ac(VHT20)	5240.00	5365.0~10000.0	6549.383	-48.08	-26.00	-29.01	Pass
ANT1	802.11ac(VHT20)	5240.00	10000.0~26000.0	10000.000	-51.09	-26.00	-29.01	Pass
ANT2	802.11ac(VHT20)	5240.00	5140.0~5142.0	5140.450	-49.7	-26.00	-29.01	Pass
ANT2	802.11ac(VHT20)	5240.00	5142.0~5150.0	5148.663	-49.09	-18.00	-21.01	Pass
ANT2	802.11ac(VHT20)	5240.00	5250.0~5250.2	5250.002	-6.7	3.27	0.26	Pass
ANT2	802.11ac(VHT20)	5240.00	5250.2~5251.0	5250.587	-12.46	-5.87	-8.88	Pass
ANT2	802.11ac(VHT20)	5240.00	5251.0~5260.0	5251.578	-17.81	-10.51	-13.52	Pass
ANT2	802.11ac(VHT20)	5240.00	5260.0~5266.7	5261.118	-41.59	-19.34	-22.35	Pass
ANT2	802.11ac(VHT20)	5240.00	5266.7~5365.0	5268.542	-46.71	-26.00	-29.01	Pass
ANT2	802.11ac(VHT20)	5240.00	30.0~5140.0	3583.308	-43.98	-26.00	-29.01	Pass
ANT2	802.11ac(VHT20)	5240.00	5365.0~10000.0	5571.326	-46.14	-26.00	-29.01	Pass
ANT2	802.11ac(VHT20)	5240.00	10000.0~26000.0	10000.000	-50.03	-26.00	-29.01	Pass
ANT1	802.11ax(HE20)	5180.00	5140.0~5142.0	5140.382	-30.77	-26.00	-29.01	Pass
ANT1	802.11ax(HE20)	5180.00	5142.0~5150.0	5149.900	-27.82	-18.00	-21.01	Pass
ANT1	802.11ax(HE20)	5180.00	5250.0~5250.2	5250.115	-46.33	0.27	-2.74	Pass
ANT1	802.11ax(HE20)	5180.00	5250.2~5251.0	5250.767	-45.18	-7.67	-10.68	Pass
ANT1	802.11ax(HE20)	5180.00	5251.0~5260.0	5258.755	-43.08	-16.89	-19.90	Pass
ANT1	802.11ax(HE20)	5180.00	5260.0~5266.7	5264.042	-44.87	-22.85	-25.86	Pass
ANT1	802.11ax(HE20)	5180.00	5266.7~5365.0	5359.150	-44	-26.00	-29.01	Pass
ANT1	802.11ax(HE20)	5180.00	30.0~5140.0	2477.635	-31.22	-26.00	-29.01	Pass
ANT1	802.11ax(HE20)	5180.00	5365.0~10000.0	6474.608	-46.32	-26.00	-29.01	Pass
ANT1	802.11ax(HE20)	5180.00	10000.0~26000.0	10000.000	-44.79	-26.00	-29.01	Pass
ANT2	802.11ax(HE20)	5180.00	5140.0~5142.0	5140.698	-35.17	-26.00	-29.01	Pass
ANT2	802.11ax(HE20)	5180.00	5142.0~5150.0	5147.267	-30.75	-18.00	-21.01	Pass
ANT2	802.11ax(HE20)	5180.00	5250.0~5250.2	5250.092	-47.8	0.87	-2.14	Pass
ANT2	802.11ax(HE20)	5180.00	5250.2~5251.0	5250.318	-47.22	-3.18	-6.19	Pass
ANT2	802.11ax(HE20)	5180.00	5251.0~5260.0	5251.330	-46.85	-10.29	-13.30	Pass
ANT2	802.11ax(HE20)	5180.00	5260.0~5266.7	5260.847	-45.82	-19.02	-22.03	Pass
ANT2	802.11ax(HE20)	5180.00	5266.7~5365.0	5336.560	-46.71	-26.00	-29.01	Pass
ANT2	802.11ax(HE20)	5180.00	30.0~5140.0	2683.017	-36.05	-26.00	-29.01	Pass



ANT2	802.11ax(HE20)	5180.00	5365.0~10000.0	7102.718	-45.66	-26.00	-29.01	Pass
ANT2	802.11ax(HE20)	5180.00	10000.0~26000.0	10000.000	-40.49	-26.00	-29.01	Pass
ANT1	802.11ax(HE20)	5200.00	5140.0~5142.0	5140.405	-39.29	-26.00	-29.01	Pass
ANT1	802.11ax(HE20)	5200.00	5142.0~5150.0	5144.523	-35.25	-18.00	-21.01	Pass
ANT1	802.11ax(HE20)	5200.00	5250.0~5250.2	5250.002	-43.17	3.27	0.26	Pass
ANT1	802.11ax(HE20)	5200.00	5250.2~5251.0	5250.700	-41.65	-7.00	-10.01	Pass
ANT1	802.11ax(HE20)	5200.00	5251.0~5260.0	5254.233	-41.79	-12.87	-15.88	Pass
ANT1	802.11ax(HE20)	5200.00	5260.0~5266.7	5265.392	-43.13	-24.47	-27.48	Pass
ANT1	802.11ax(HE20)	5200.00	5266.7~5365.0	5270.320	-43.64	-26.00	-29.01	Pass
ANT1	802.11ax(HE20)	5200.00	30.0~5140.0	2624.194	-42	-26.00	-29.01	Pass
ANT1	802.11ax(HE20)	5200.00	5365.0~10000.0	5777.705	-47.42	-26.00	-29.01	Pass
ANT1	802.11ax(HE20)	5200.00	10000.0~26000.0	24486.400	-41.93	-26.00	-29.01	Pass
ANT2	802.11ax(HE20)	5200.00	5140.0~5142.0	5140.653	-40.1	-26.00	-29.01	Pass
ANT2	802.11ax(HE20)	5200.00	5142.0~5150.0	5142.227	-38.15	-18.00	-21.01	Pass
ANT2	802.11ax(HE20)	5200.00	5250.0~5250.2	5250.070	-41.12	1.47	-1.54	Pass
ANT2	802.11ax(HE20)	5200.00	5250.2~5251.0	5250.677	-38.02	-6.77	-9.78	Pass
ANT2	802.11ax(HE20)	5200.00	5251.0~5260.0	5251.960	-36.76	-10.85	-13.86	Pass
ANT2	802.11ax(HE20)	5200.00	5260.0~5266.7	5260.645	-42.58	-18.77	-21.78	Pass
ANT2	802.11ax(HE20)	5200.00	5266.7~5365.0	5313.340	-45.07	-26.00	-29.01	Pass
ANT2	802.11ax(HE20)	5200.00	30.0~5140.0	2335.064	-42.07	-26.00	-29.01	Pass
ANT2	802.11ax(HE20)	5200.00	5365.0~10000.0	5798.642	-46.09	-26.00	-29.01	Pass
ANT2	802.11ax(HE20)	5200.00	10000.0~26000.0	24443.200	-41.94	-26.00	-29.01	Pass
ANT1	802.11ax(HE20)	5240.00	5140.0~5142.0	5141.373	-51.36	-26.00	-29.01	Pass
ANT1	802.11ax(HE20)	5240.00	5142.0~5150.0	5145.917	-51.12	-18.00	-21.01	Pass
ANT1	802.11ax(HE20)	5240.00	5250.0~5250.2	5250.070	-4.57	1.47	-1.54	Pass
ANT1	802.11ax(HE20)	5240.00	5250.2~5251.0	5250.273	-7.44	-2.73	-5.74	Pass
ANT1	802.11ax(HE20)	5240.00	5251.0~5260.0	5251.015	-15.34	-10.01	-13.02	Pass
ANT1	802.11ax(HE20)	5240.00	5260.0~5266.7	5260.533	-46.51	-18.64	-21.65	Pass
ANT1	802.11ax(HE20)	5240.00	5266.7~5365.0	5268.182	-48.92	-26.00	-29.01	Pass
ANT1	802.11ax(HE20)	5240.00	30.0~5140.0	1762.786	-46.65	-26.00	-29.01	Pass
ANT1	802.11ax(HE20)	5240.00	5365.0~10000.0	6139.616	-47.82	-26.00	-29.01	Pass
ANT1	802.11ax(HE20)	5240.00	10000.0~26000.0	24432.000	-51.21	-26.00	-29.01	Pass
ANT2	802.11ax(HE20)	5240.00	5140.0~5142.0	5140.540	-49.24	-26.00	-29.01	Pass
ANT2	802.11ax(HE20)	5240.00	5142.0~5150.0	5144.028	-49.48	-18.00	-21.01	Pass
ANT2	802.11ax(HE20)	5240.00	5250.0~5250.2	5250.025	-5.59	2.67	-0.34	Pass
ANT2	802.11ax(HE20)	5240.00	5250.2~5251.0	5250.227	-7.81	-2.27	-5.28	Pass
ANT2	802.11ax(HE20)	5240.00	5251.0~5260.0	5251.015	-17.86	-10.01	-13.02	Pass
ANT2	802.11ax(HE20)	5240.00	5260.0~5266.7	5263.413	-44.31	-22.10	-25.11	Pass
ANT2	802.11ax(HE20)	5240.00	5266.7~5365.0	5269.285	-46.21	-26.00	-29.01	Pass
ANT2	802.11ax(HE20)	5240.00	30.0~5140.0	3566.359	-41.83	-26.00	-29.01	Pass
ANT2	802.11ax(HE20)	5240.00	5365.0~10000.0	6971.114	-45.61	-26.00	-29.01	Pass
ANT2	802.11ax(HE20)	5240.00	10000.0~26000.0	10000.000	-51.22	-26.00	-29.01	Pass
ANT1	802.11n(HT40)	5190.00	5100.0~5141.6	5139.840	-47.31	-26.00	-29.01	Pass
ANT1	802.11n(HT40)	5190.00	5141.6~5150.0	5149.350	-47.12	-18.00	-21.01	Pass
ANT1	802.11n(HT40)	5190.00	5250.0~5251.0	5250.570	-50.28	-8.71	-11.72	Pass
ANT1	802.11n(HT40)	5190.00	5251.0~5270.0	5258.520	-48.84	-16.18	-19.19	Pass
ANT1	802.11n(HT40)	5190.00	5270.0~5278.4	5271.690	-49.33	-22.02	-25.03	Pass
ANT1	802.11n(HT40)	5190.00	5278.4~5400.0	5282.370	-48.55	-26.00	-29.01	Pass
ANT1	802.11n(HT40)	5190.00	30.0~5100.0	3097.769	-45.6	-26.00	-29.01	Pass
ANT1	802.11n(HT40)	5190.00	5400.0~10000.0	6313.094	-45.34	-26.00	-29.01	Pass
ANT1	802.11n(HT40)	5190.00	10000.0~26000.0	10000.000	-50.92	-26.00	-29.01	Pass
ANT2	802.11n(HT40)	5190.00	5100.0~5141.6	5140.620	-47.83	-26.00	-29.01	Pass
ANT2	802.11n(HT40)	5190.00	5141.6~5150.0	5148.480	-47.4	-18.00	-21.01	Pass
ANT2	802.11n(HT40)	5190.00	5250.0~5251.0	5250.930	-49.7	-12.31	-15.32	Pass
ANT2	802.11n(HT40)	5190.00	5251.0~5270.0	5255.880	-48.59	-15.07	-18.08	Pass
ANT2	802.11n(HT40)	5190.00	5270.0~5278.4	5271.270	-49.12	-21.77	-24.78	Pass
ANT2	802.11n(HT40)	5190.00	5278.4~5400.0	5288.460	-48.2	-26.00	-29.01	Pass
ANT2	802.11n(HT40)	5190.00	30.0~5100.0	3550.407	-41.85	-26.00	-29.01	Pass
ANT2	802.11n(HT40)	5190.00	5400.0~10000.0	5895.351	-46.18	-26.00	-29.01	Pass
ANT2	802.11n(HT40)	5190.00	10000.0~26000.0	10000.000	-50.23	-26.00	-29.01	Pass
ANT1	802.11n(HT40)	5230.00	5100.0~5141.6	5141.580	-49.86	-26.00	-29.01	Pass
ANT1	802.11n(HT40)	5230.00	5141.6~5150.0	5141.610	-50.51	-18.00	-21.01	Pass
ANT1	802.11n(HT40)	5230.00	5250.0~5251.0	5250.000	-19.85	-3.01	-6.02	Pass
ANT1	802.11n(HT40)	5230.00	5251.0~5270.0	5251.200	-29.06	-13.09	-16.10	Pass
ANT1	802.11n(HT40)	5230.00	5270.0~5278.4	5278.050	-48.55	-25.84	-28.85	Pass
ANT1	802.11n(HT40)	5230.00	5278.4~5400.0	5282.550	-49.41	-26.00	-29.01	Pass
ANT1	802.11n(HT40)	5230.00	30.0~5100.0	2787.702	-46.02	-26.00	-29.01	Pass
ANT1	802.11n(HT40)	5230.00	5400.0~10000.0	7135.619	-47.41	-26.00	-29.01	Pass
ANT1	802.11n(HT40)	5230.00	10000.0~26000.0	24385.600	-50.85	-26.00	-29.01	Pass
ANT2	802.11n(HT40)	5230.00	5100.0~5141.6	5110.920	-48.29	-26.00	-29.01	Pass
ANT2	802.11n(HT40)	5230.00	5141.6~5150.0	5142.540	-48.93	-18.00	-21.01	Pass



ANT2	802.11n(HT40)	5230.00	5250.0~5251.0	5250.000	-19.59	-3.01	-6.02	Pass
ANT2	802.11n(HT40)	5230.00	5251.0~5270.0	5251.050	-29.02	-13.03	-16.04	Pass
ANT2	802.11n(HT40)	5230.00	5270.0~5278.4	5270.040	-45.76	-21.03	-24.04	Pass
ANT2	802.11n(HT40)	5230.00	5278.4~5400.0	5287.830	-47.28	-26.00	-29.01	Pass
ANT2	802.11n(HT40)	5230.00	30.0~5100.0	2539.449	-42.74	-26.00	-29.01	Pass
ANT2	802.11n(HT40)	5230.00	5400.0~10000.0	6117.682	-46.25	-26.00	-29.01	Pass
ANT2	802.11n(HT40)	5230.00	10000.0~26000.0	10000.000	-49.96	-26.00	-29.01	Pass
ANT1	802.11ac(VHT40)	5190.00	5100.0~5141.6	5137.830	-47.87	-26.00	-29.01	Pass
ANT1	802.11ac(VHT40)	5190.00	5141.6~5150.0	5149.020	-45.25	-18.00	-21.01	Pass
ANT1	802.11ac(VHT40)	5190.00	5250.0~5251.0	5250.600	-50.42	-9.01	-12.02	Pass
ANT1	802.11ac(VHT40)	5190.00	5251.0~5270.0	5251.620	-48.4	-13.27	-16.28	Pass
ANT1	802.11ac(VHT40)	5190.00	5270.0~5278.4	5277.990	-49.26	-25.80	-28.81	Pass
ANT1	802.11ac(VHT40)	5190.00	5278.4~5400.0	5316.120	-48.28	-26.00	-29.01	Pass
ANT1	802.11ac(VHT40)	5190.00	30.0~5100.0	2940.243	-45.62	-26.00	-29.01	Pass
ANT1	802.11ac(VHT40)	5190.00	5400.0~10000.0	6353.971	-45.74	-26.00	-29.01	Pass
ANT1	802.11ac(VHT40)	5190.00	10000.0~26000.0	10000.000	-50.21	-26.00	-29.01	Pass
ANT2	802.11ac(VHT40)	5190.00	5100.0~5141.6	5129.340	-46.39	-26.00	-29.01	Pass
ANT2	802.11ac(VHT40)	5190.00	5141.6~5150.0	5148.180	-43.17	-18.00	-21.01	Pass
ANT2	802.11ac(VHT40)	5190.00	5250.0~5251.0	5250.540	-50.39	-8.41	-11.42	Pass
ANT2	802.11ac(VHT40)	5190.00	5251.0~5270.0	5255.010	-47.87	-14.70	-17.71	Pass
ANT2	802.11ac(VHT40)	5190.00	5270.0~5278.4	5274.360	-49.71	-23.63	-26.64	Pass
ANT2	802.11ac(VHT40)	5190.00	5278.4~5400.0	5394.900	-47.97	-26.00	-29.01	Pass
ANT2	802.11ac(VHT40)	5190.00	30.0~5100.0	1742.846	-42.59	-26.00	-29.01	Pass
ANT2	802.11ac(VHT40)	5190.00	5400.0~10000.0	6322.067	-46.18	-26.00	-29.01	Pass
ANT2	802.11ac(VHT40)	5190.00	10000.0~26000.0	10000.000	-50.82	-26.00	-29.01	Pass
ANT1	802.11ac(VHT40)	5230.00	5100.0~5141.6	5121.120	-50.43	-26.00	-29.01	Pass
ANT1	802.11ac(VHT40)	5230.00	5141.6~5150.0	5146.560	-49.99	-18.00	-21.01	Pass
ANT1	802.11ac(VHT40)	5230.00	5250.0~5251.0	5250.120	-19.18	-4.21	-7.22	Pass
ANT1	802.11ac(VHT40)	5230.00	5251.0~5270.0	5251.020	-32.68	-13.02	-16.03	Pass
ANT1	802.11ac(VHT40)	5230.00	5270.0~5278.4	5270.400	-47.95	-21.25	-24.26	Pass
ANT1	802.11ac(VHT40)	5230.00	5278.4~5400.0	5278.830	-48.74	-26.00	-29.01	Pass
ANT1	802.11ac(VHT40)	5230.00	30.0~5100.0	2664.074	-47.25	-26.00	-29.01	Pass
ANT1	802.11ac(VHT40)	5230.00	5400.0~10000.0	7359.944	-47.58	-26.00	-29.01	Pass
ANT1	802.11ac(VHT40)	5230.00	10000.0~26000.0	24364.800	-51.56	-26.00	-29.01	Pass
ANT2	802.11ac(VHT40)	5230.00	5100.0~5141.6	5133.540	-49.01	-26.00	-29.01	Pass
ANT2	802.11ac(VHT40)	5230.00	5141.6~5150.0	5143.740	-48.11	-18.00	-21.01	Pass
ANT2	802.11ac(VHT40)	5230.00	5250.0~5251.0	5250.000	-19.61	-3.01	-6.02	Pass
ANT2	802.11ac(VHT40)	5230.00	5251.0~5270.0	5251.230	-29.42	-13.11	-16.12	Pass
ANT2	802.11ac(VHT40)	5230.00	5270.0~5278.4	5272.170	-43.98	-22.31	-25.32	Pass
ANT2	802.11ac(VHT40)	5230.00	5278.4~5400.0	5278.410	-44.71	-26.00	-29.01	Pass
ANT2	802.11ac(VHT40)	5230.00	30.0~5100.0	2622.200	-41.27	-26.00	-29.01	Pass
ANT2	802.11ac(VHT40)	5230.00	5400.0~10000.0	5837.525	-46.08	-26.00	-29.01	Pass
ANT2	802.11ac(VHT40)	5230.00	10000.0~26000.0	10000.000	-50.73	-26.00	-29.01	Pass
ANT1	802.11ax(HE40)	5190.00	5100.0~5141.6	5129.580	-47.38	-26.00	-29.01	Pass
ANT1	802.11ax(HE40)	5190.00	5141.6~5150.0	5149.440	-47.51	-18.00	-21.01	Pass
ANT1	802.11ax(HE40)	5190.00	5250.0~5251.0	5250.150	-49.29	-4.51	-7.52	Pass
ANT1	802.11ax(HE40)	5190.00	5251.0~5270.0	5251.560	-49.74	-13.25	-16.26	Pass
ANT1	802.11ax(HE40)	5190.00	5270.0~5278.4	5274.150	-49.34	-23.50	-26.51	Pass
ANT1	802.11ax(HE40)	5190.00	5278.4~5400.0	5390.850	-48.31	-26.00	-29.01	Pass
ANT1	802.11ax(HE40)	5190.00	30.0~5100.0	3115.715	-44.89	-26.00	-29.01	Pass
ANT1	802.11ax(HE40)	5190.00	5400.0~10000.0	5941.213	-45.67	-26.00	-29.01	Pass
ANT1	802.11ax(HE40)	5190.00	10000.0~26000.0	10000.000	-51.33	-26.00	-29.01	Pass
ANT2	802.11ax(HE40)	5190.00	5100.0~5141.6	5141.100	-46.67	-26.00	-29.01	Pass
ANT2	802.11ax(HE40)	5190.00	5141.6~5150.0	5148.330	-45.76	-18.00	-21.01	Pass
ANT2	802.11ax(HE40)	5190.00	5250.0~5251.0	5250.450	-49.64	-7.51	-10.52	Pass
ANT2	802.11ax(HE40)	5190.00	5251.0~5270.0	5252.460	-48.54	-13.63	-16.64	Pass
ANT2	802.11ax(HE40)	5190.00	5270.0~5278.4	5273.490	-48.52	-23.10	-26.11	Pass
ANT2	802.11ax(HE40)	5190.00	5278.4~5400.0	5354.370	-48.45	-26.00	-29.01	Pass
ANT2	802.11ax(HE40)	5190.00	30.0~5100.0	2628.182	-43.24	-26.00	-29.01	Pass
ANT2	802.11ax(HE40)	5190.00	5400.0~10000.0	6326.055	-45.71	-26.00	-29.01	Pass
ANT2	802.11ax(HE40)	5190.00	10000.0~26000.0	10000.000	-51.21	-26.00	-29.01	Pass
ANT1	802.11ax(HE40)	5230.00	5100.0~5141.6	5139.690	-50.32	-26.00	-29.01	Pass
ANT1	802.11ax(HE40)	5230.00	5141.6~5150.0	5148.180	-50.58	-18.00	-21.01	Pass
ANT1	802.11ax(HE40)	5230.00	5250.0~5251.0	5250.000	-24.57	-3.01	-6.02	Pass
ANT1	802.11ax(HE40)	5230.00	5251.0~5270.0	5251.020	-33.84	-13.02	-16.03	Pass
ANT1	802.11ax(HE40)	5230.00	5270.0~5278.4	5272.560	-48.43	-22.55	-25.56	Pass
ANT1	802.11ax(HE40)	5230.00	5278.4~5400.0	5283.120	-49.33	-26.00	-29.01	Pass
ANT1	802.11ax(HE40)	5230.00	30.0~5100.0	3596.269	-41.39	-26.00	-29.01	Pass
ANT1	802.11ax(HE40)	5230.00	5400.0~10000.0	6313.094	-48.12	-26.00	-29.01	Pass
ANT1	802.11ax(HE40)	5230.00	10000.0~26000.0	24622.400	-50.89	-26.00	-29.01	Pass
ANT2	802.11ax(HE40)	5230.00	5100.0~5141.6	5135.160	-48.72	-26.00	-29.01	Pass

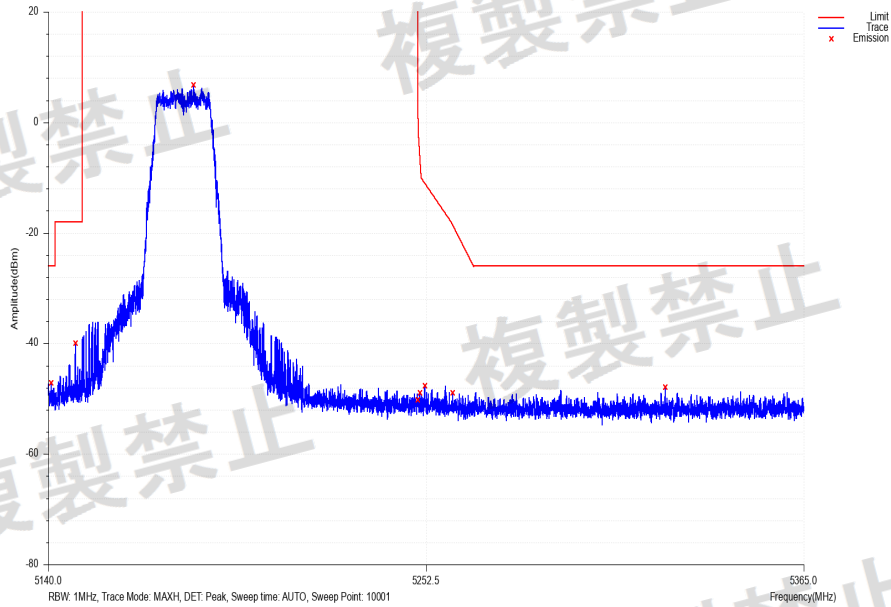


ANT2	802.11ax(HE40)	5230.00	5141.6~5150.0	5148.420	-48.7	-18.00	-21.01	Pass
ANT2	802.11ax(HE40)	5230.00	5250.0~5251.0	5250.000	-19.87	-3.01	-6.02	Pass
ANT2	802.11ax(HE40)	5230.00	5251.0~5270.0	5251.290	-30.59	-13.13	-16.14	Pass
ANT2	802.11ax(HE40)	5230.00	5270.0~5278.4	5275.230	-43.81	-24.15	-27.16	Pass
ANT2	802.11ax(HE40)	5230.00	5278.4~5400.0	5286.690	-46.24	-26.00	-29.01	Pass
ANT2	802.11ax(HE40)	5230.00	30.0~5100.0	3342.034	-43.94	-26.00	-29.01	Pass
ANT2	802.11ax(HE40)	5230.00	5400.0~10000.0	6328.049	-46.67	-26.00	-29.01	Pass
ANT2	802.11ax(HE40)	5230.00	10000.0~26000.0	10000.000	-51.01	-26.00	-29.01	Pass
ANT1	802.11ac(VHT80)	5210.00	5100.0~5123.2	5117.138	-44.38	-26.00	-29.01	Pass
ANT1	802.11ac(VHT80)	5210.00	5123.2~5150.0	5142.332	-40.44	-18.00	-21.01	Pass
ANT1	802.11ac(VHT80)	5210.00	5250.0~5251.0	5250.024	-23.12	-6.26	-9.27	Pass
ANT1	802.11ac(VHT80)	5210.00	5251.0~5290.0	5251.012	-31.08	-16.02	-19.03	Pass
ANT1	802.11ac(VHT80)	5210.00	5290.0~5296.7	5295.168	-45.5	-25.57	-28.58	Pass
ANT1	802.11ac(VHT80)	5210.00	5296.7~5480.0	5299.044	-48.07	-26.00	-29.01	Pass
ANT1	802.11ac(VHT80)	5210.00	30.0~5100.0	5093.763	-45.82	-26.00	-29.01	Pass
ANT1	802.11ac(VHT80)	5210.00	5480.0~10000.0	6501.527	-47.51	-26.00	-29.01	Pass
ANT1	802.11ac(VHT80)	5210.00	10000.0~26000.0	24396.800	-50.2	-26.00	-29.01	Pass
ANT2	802.11ac(VHT80)	5210.00	5100.0~5123.2	5117.252	-44.35	-26.00	-29.01	Pass
ANT2	802.11ac(VHT80)	5210.00	5123.2~5150.0	5134.732	-41.05	-18.00	-21.01	Pass
ANT2	802.11ac(VHT80)	5210.00	5250.0~5251.0	5250.062	-20.11	-6.64	-9.65	Pass
ANT2	802.11ac(VHT80)	5210.00	5251.0~5290.0	5251.202	-27.21	-16.06	-19.07	Pass
ANT2	802.11ac(VHT80)	5210.00	5290.0~5296.7	5294.598	-46.92	-25.40	-28.41	Pass
ANT2	802.11ac(VHT80)	5210.00	5296.7~5480.0	5323.820	-44.91	-26.00	-29.01	Pass
ANT2	802.11ac(VHT80)	5210.00	30.0~5100.0	2991.090	-43.18	-26.00	-29.01	Pass
ANT2	802.11ac(VHT80)	5210.00	5480.0~10000.0	6123.664	-47.85	-26.00	-29.01	Pass
ANT2	802.11ac(VHT80)	5210.00	10000.0~26000.0	23868.800	-51.44	-26.00	-29.01	Pass
ANT1	802.11ax(HE80)	5210.00	5100.0~5123.2	5120.786	-45.44	-26.00	-29.01	Pass
ANT1	802.11ax(HE80)	5210.00	5123.2~5150.0	5128.120	-41.01	-18.00	-21.01	Pass
ANT1	802.11ax(HE80)	5210.00	5250.0~5251.0	5250.024	-25.73	-6.26	-9.27	Pass
ANT1	802.11ax(HE80)	5210.00	5251.0~5290.0	5251.734	-30.79	-16.17	-19.18	Pass
ANT1	802.11ax(HE80)	5210.00	5290.0~5296.7	5293.648	-45.96	-25.11	-28.12	Pass
ANT1	802.11ax(HE80)	5210.00	5296.7~5480.0	5299.576	-49.01	-26.00	-29.01	Pass
ANT1	802.11ax(HE80)	5210.00	30.0~5100.0	5098.748	-46.49	-26.00	-29.01	Pass
ANT1	802.11ax(HE80)	5210.00	5480.0~10000.0	5832.540	-47.45	-26.00	-29.01	Pass
ANT1	802.11ax(HE80)	5210.00	10000.0~26000.0	24566.400	-51.75	-26.00	-29.01	Pass
ANT2	802.11ax(HE80)	5210.00	5100.0~5123.2	5117.100	-45.03	-26.00	-29.01	Pass
ANT2	802.11ax(HE80)	5210.00	5123.2~5150.0	5148.716	-41.15	-18.00	-21.01	Pass
ANT2	802.11ax(HE80)	5210.00	5250.0~5251.0	5250.024	-21.01	-6.26	-9.27	Pass
ANT2	802.11ax(HE80)	5210.00	5251.0~5290.0	5251.012	-28.14	-16.02	-19.03	Pass
ANT2	802.11ax(HE80)	5210.00	5290.0~5296.7	5292.774	-47.34	-24.85	-27.86	Pass
ANT2	802.11ax(HE80)	5210.00	5296.7~5480.0	5319.526	-45.15	-26.00	-29.01	Pass
ANT2	802.11ax(HE80)	5210.00	30.0~5100.0	2601.263	-42.02	-26.00	-29.01	Pass
ANT2	802.11ax(HE80)	5210.00	5480.0~10000.0	6047.892	-48.17	-26.00	-29.01	Pass
ANT2	802.11ax(HE80)	5210.00	10000.0~26000.0	24590.400	-51.85	-26.00	-29.01	Pass



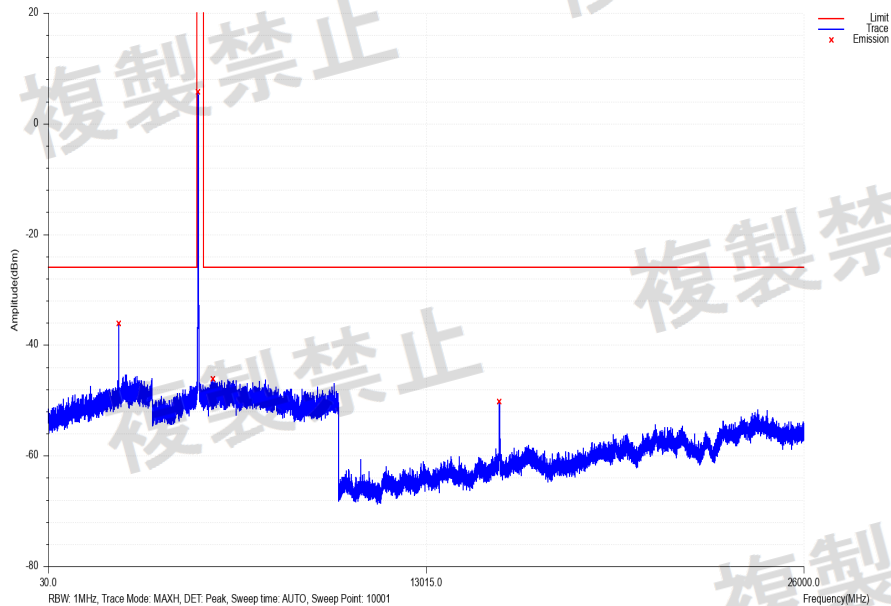
In_band_NVNT_ANT1_802_11a_5180

In band Spurious Emission

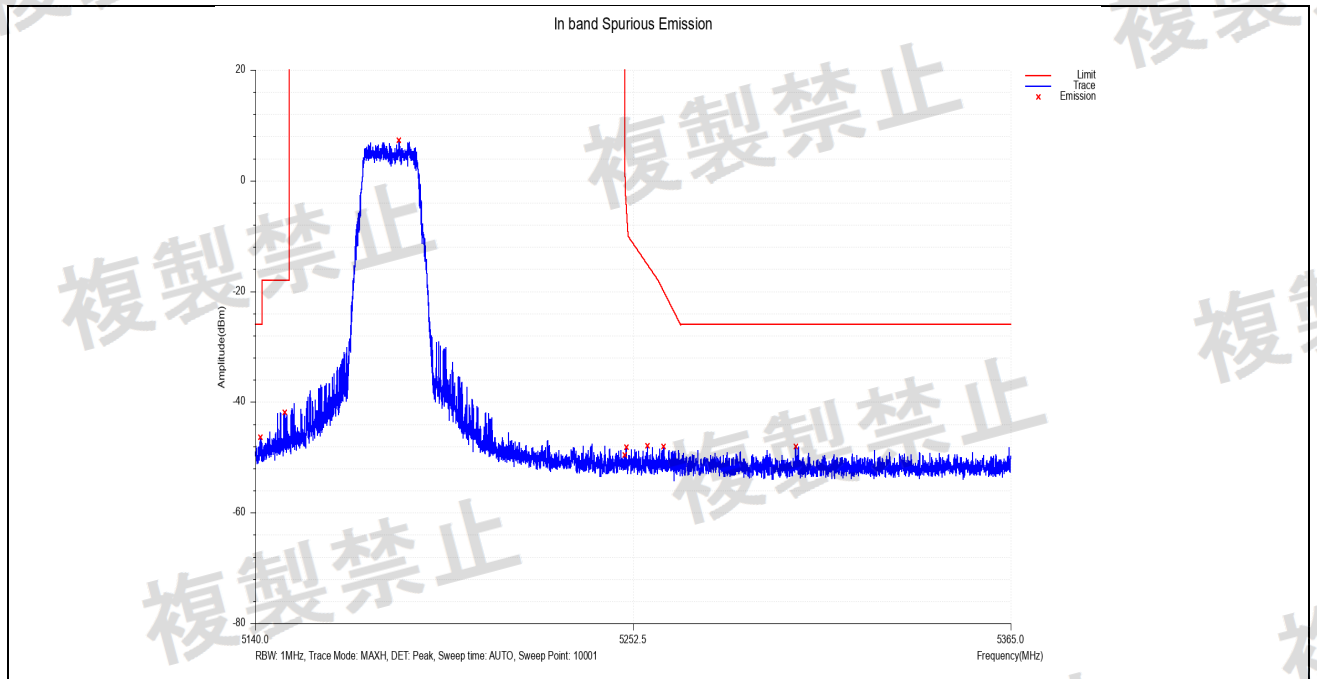


Out_of_band_NVNT_ANT1_802_11a_5180

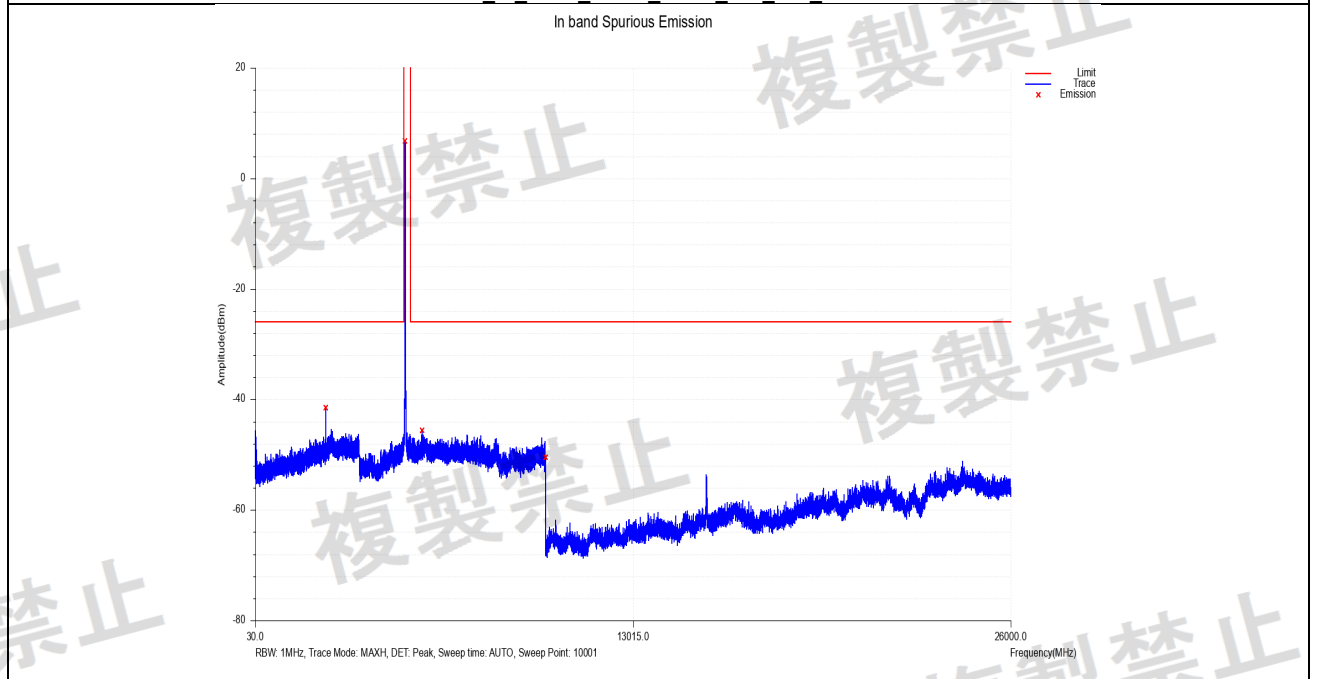
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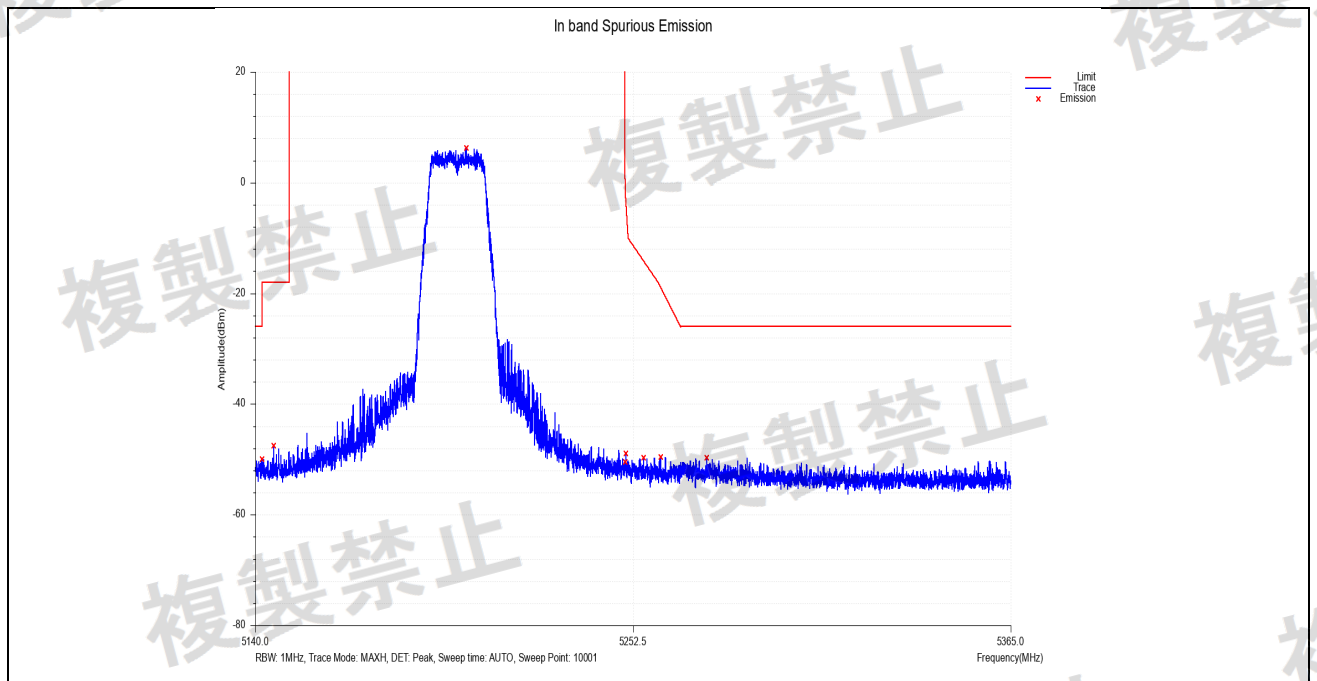
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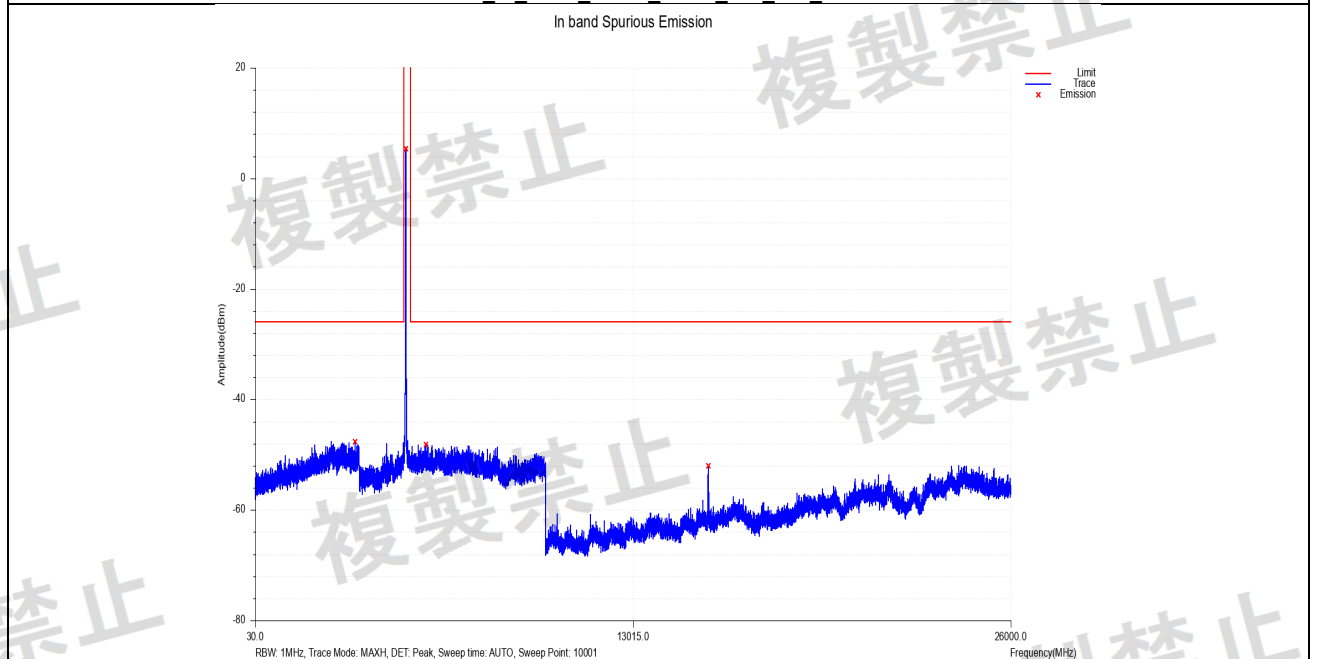
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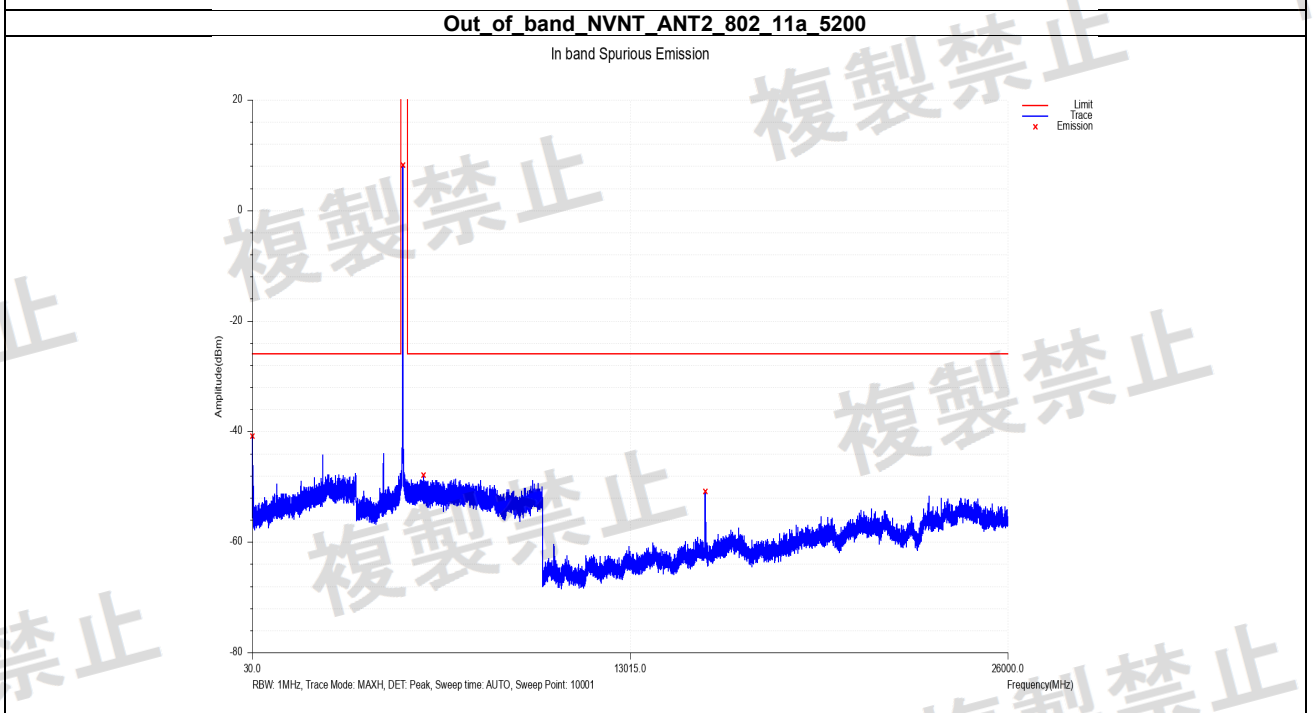
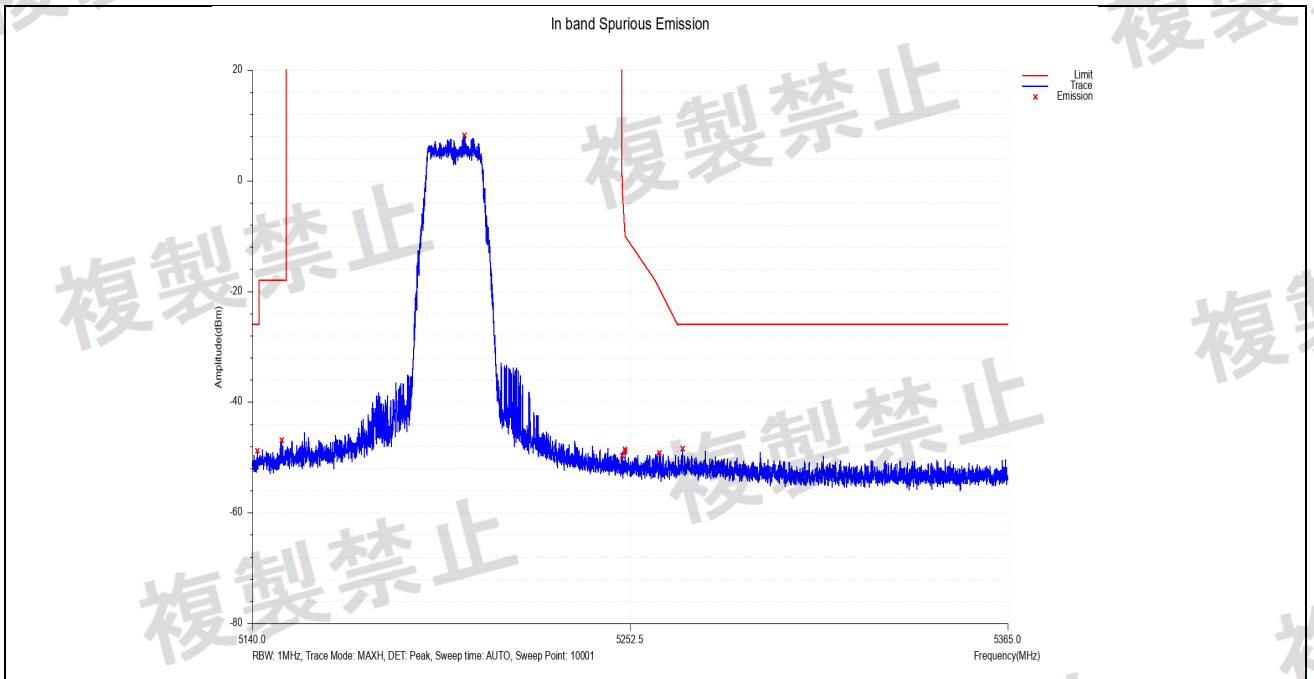
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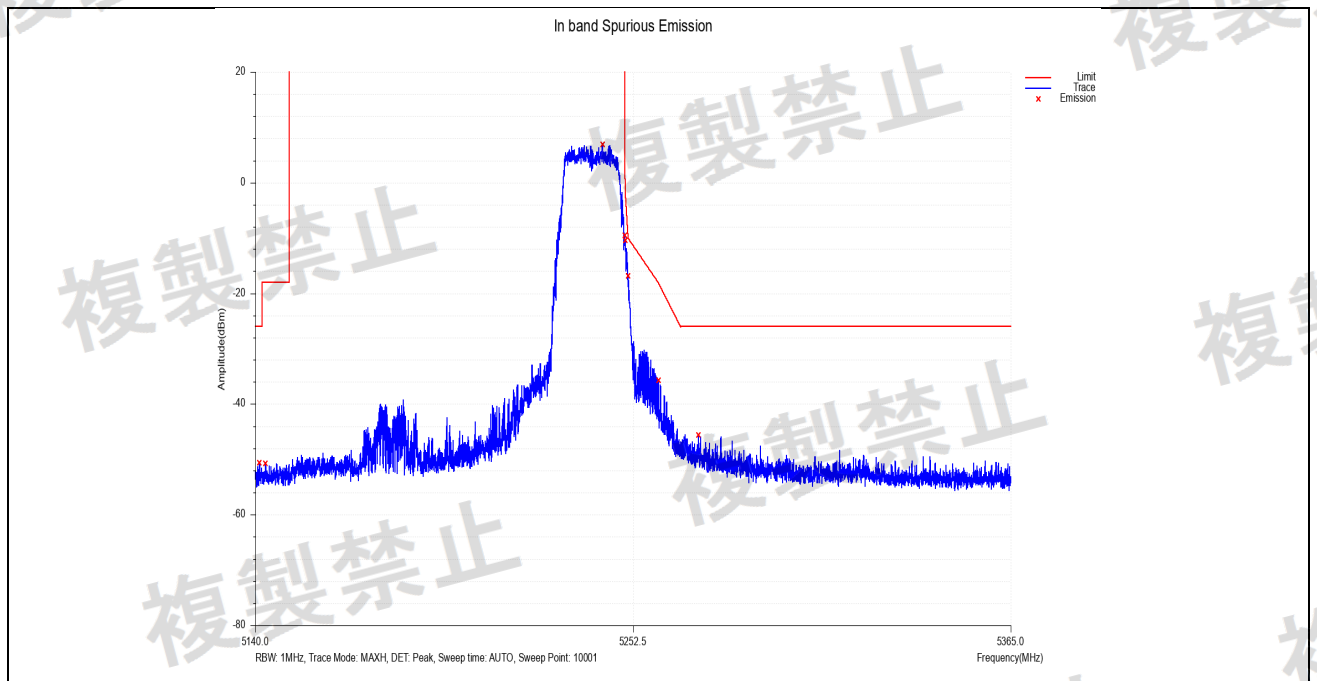


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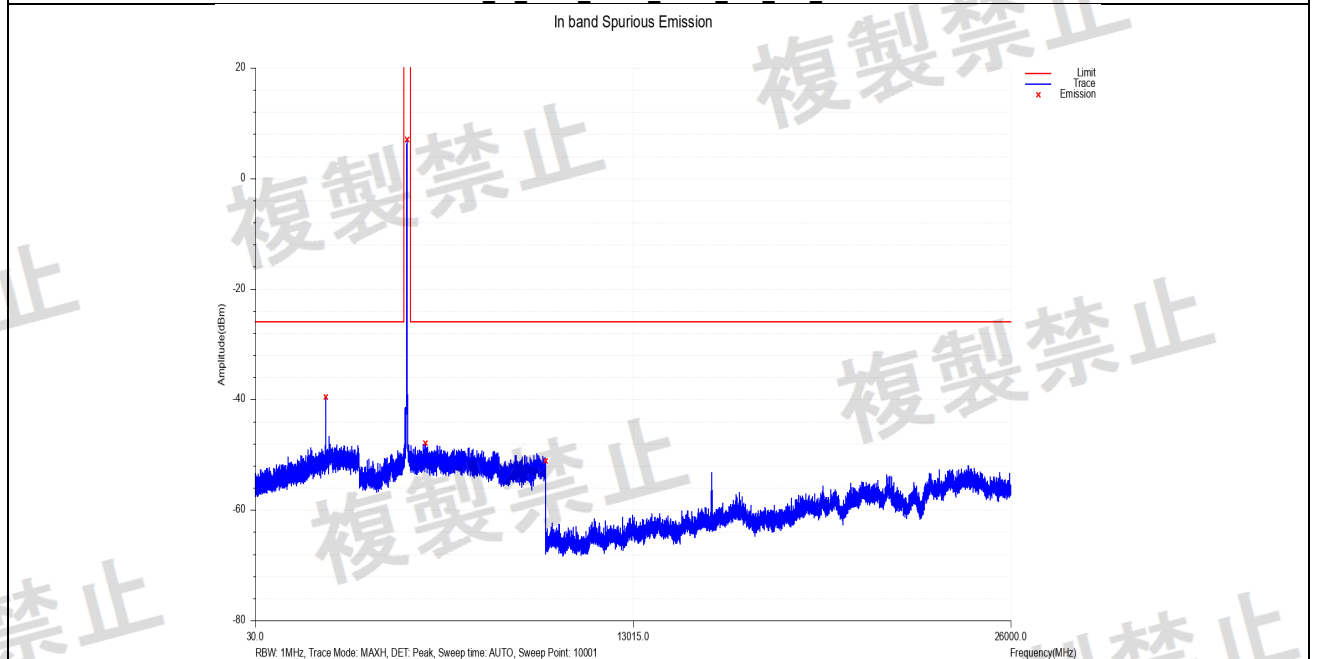


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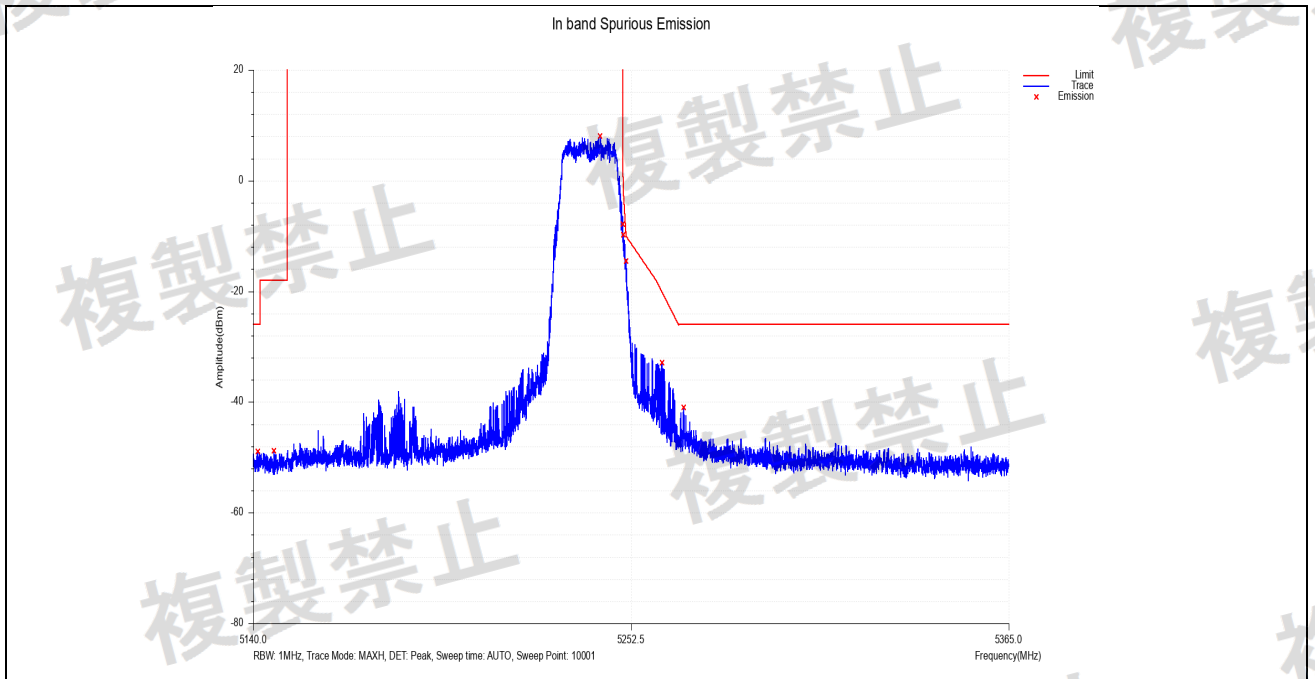




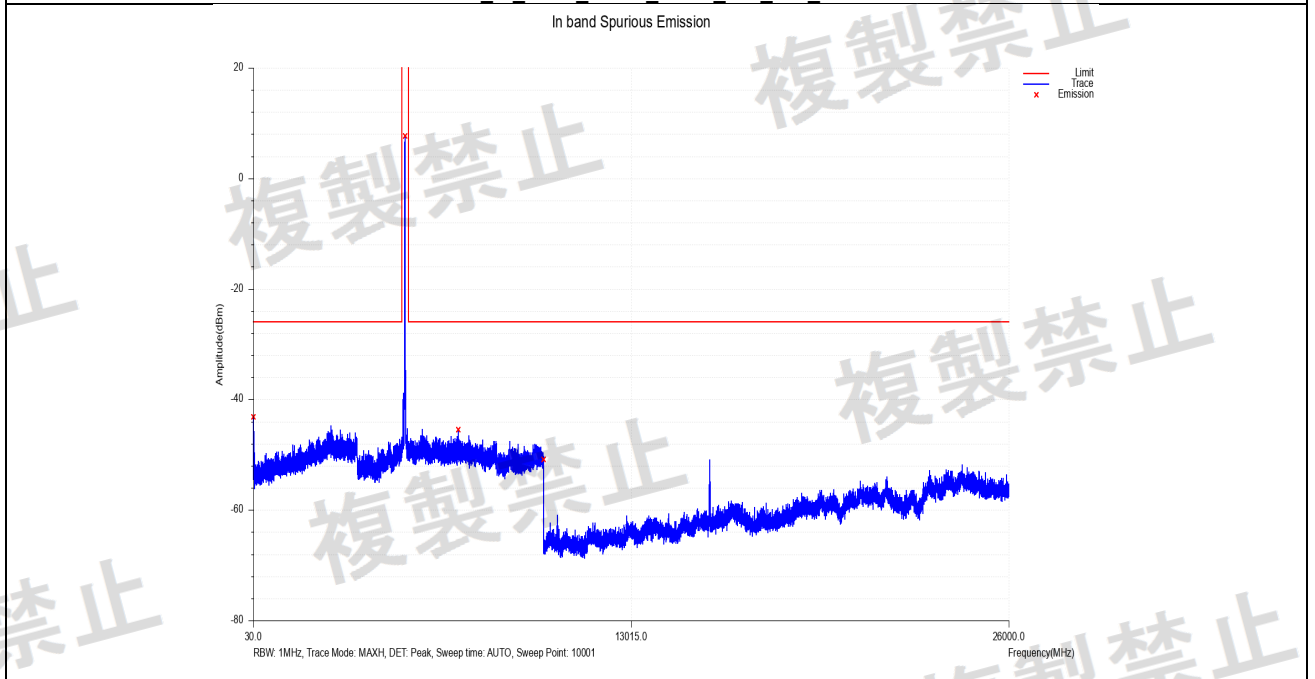
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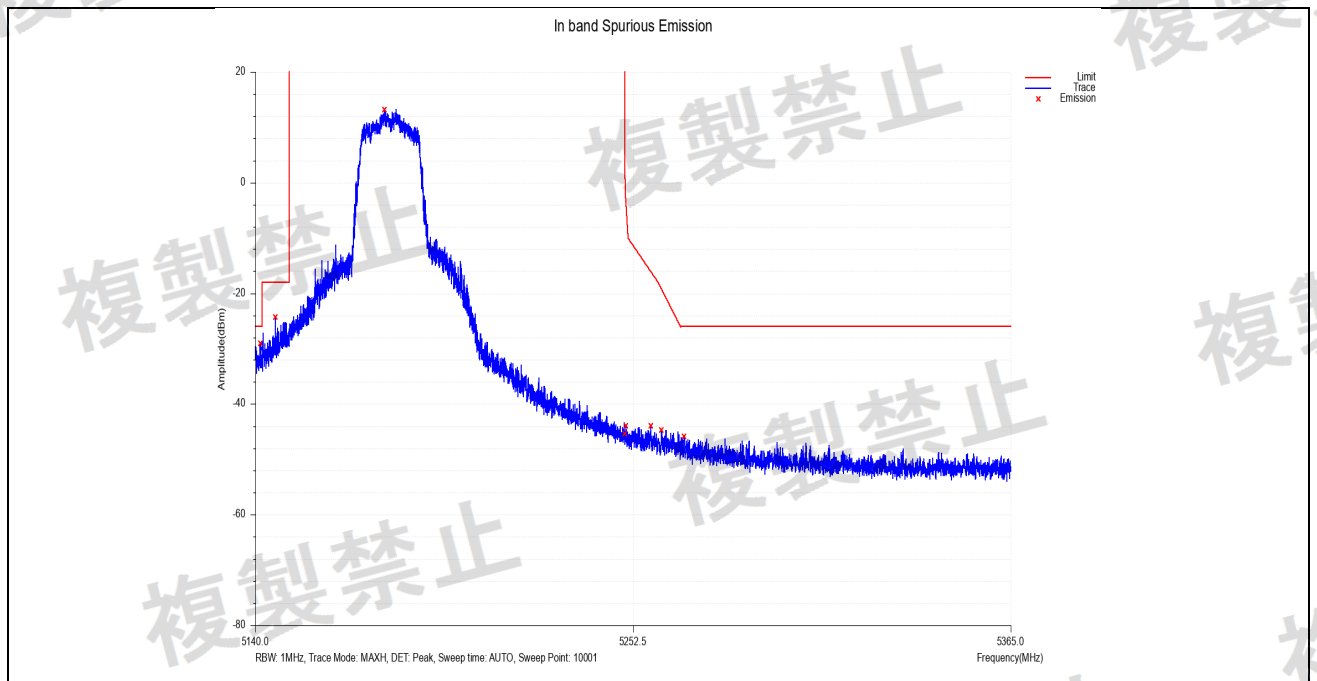
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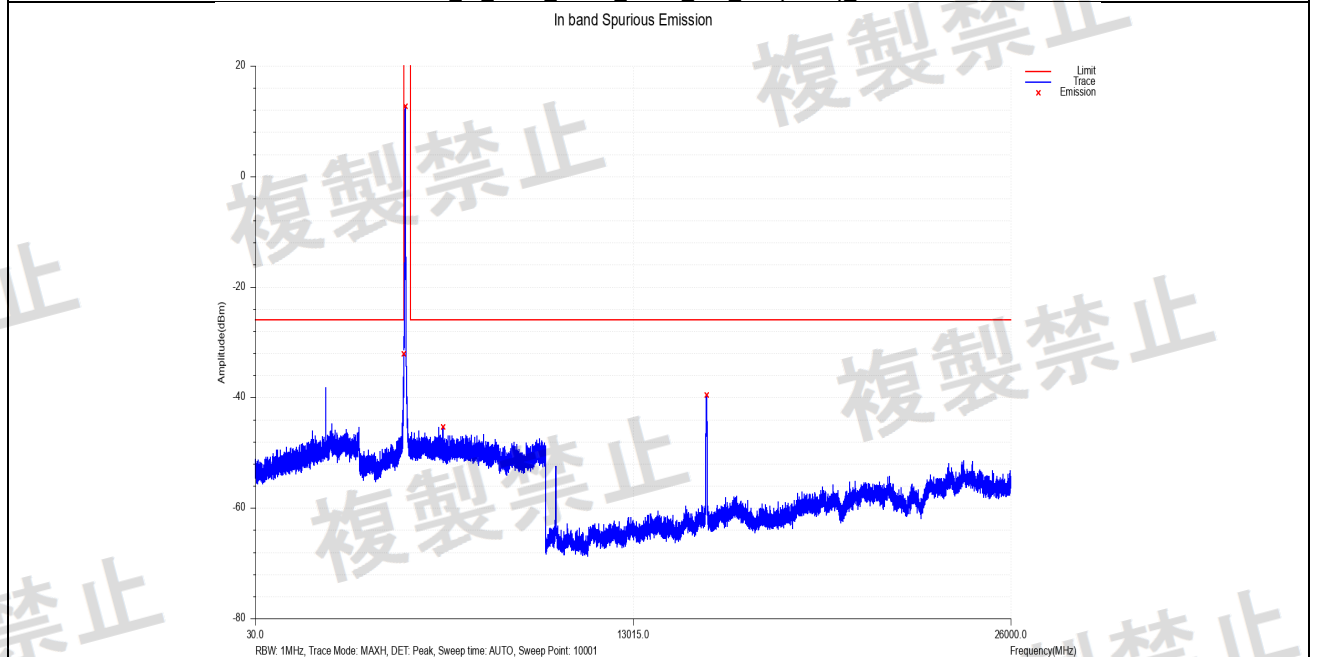
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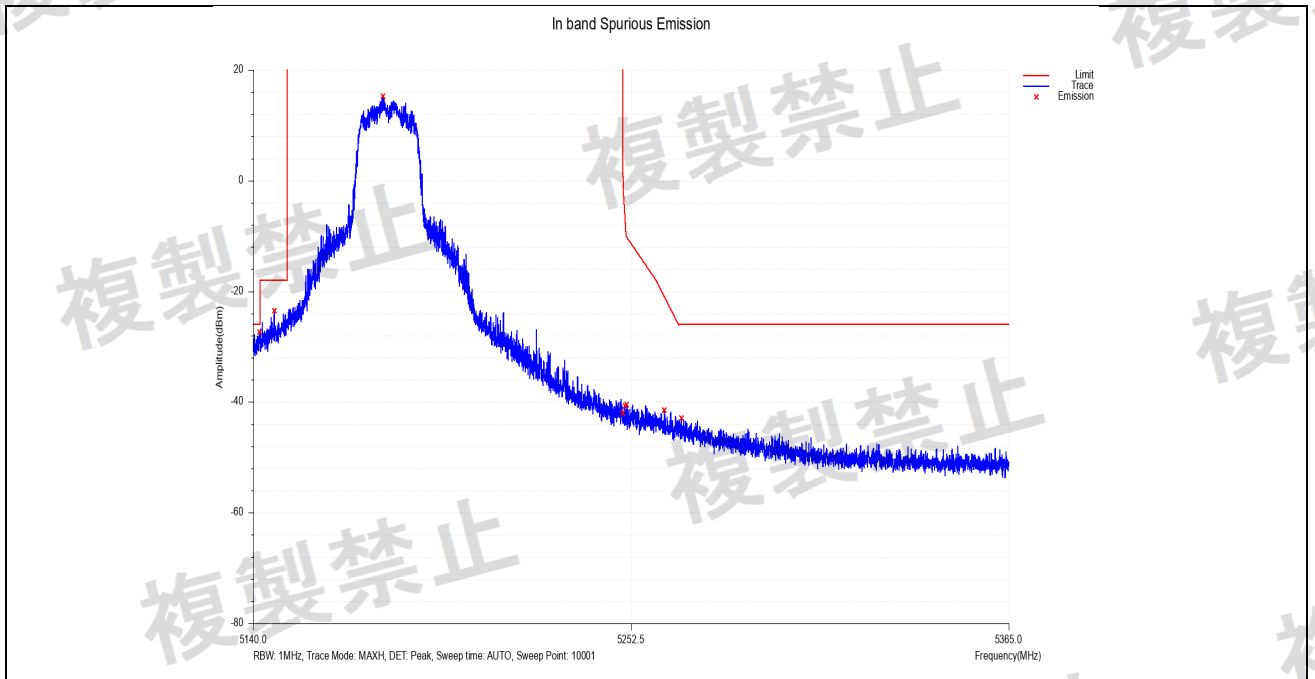
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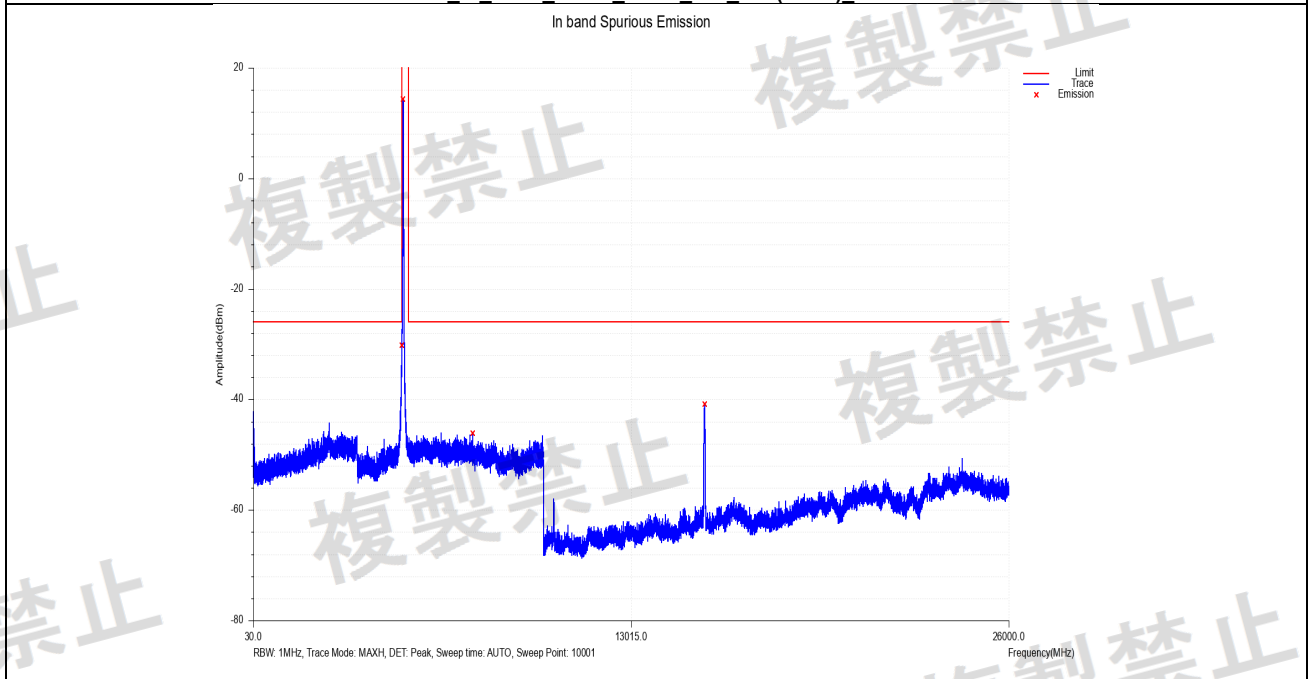
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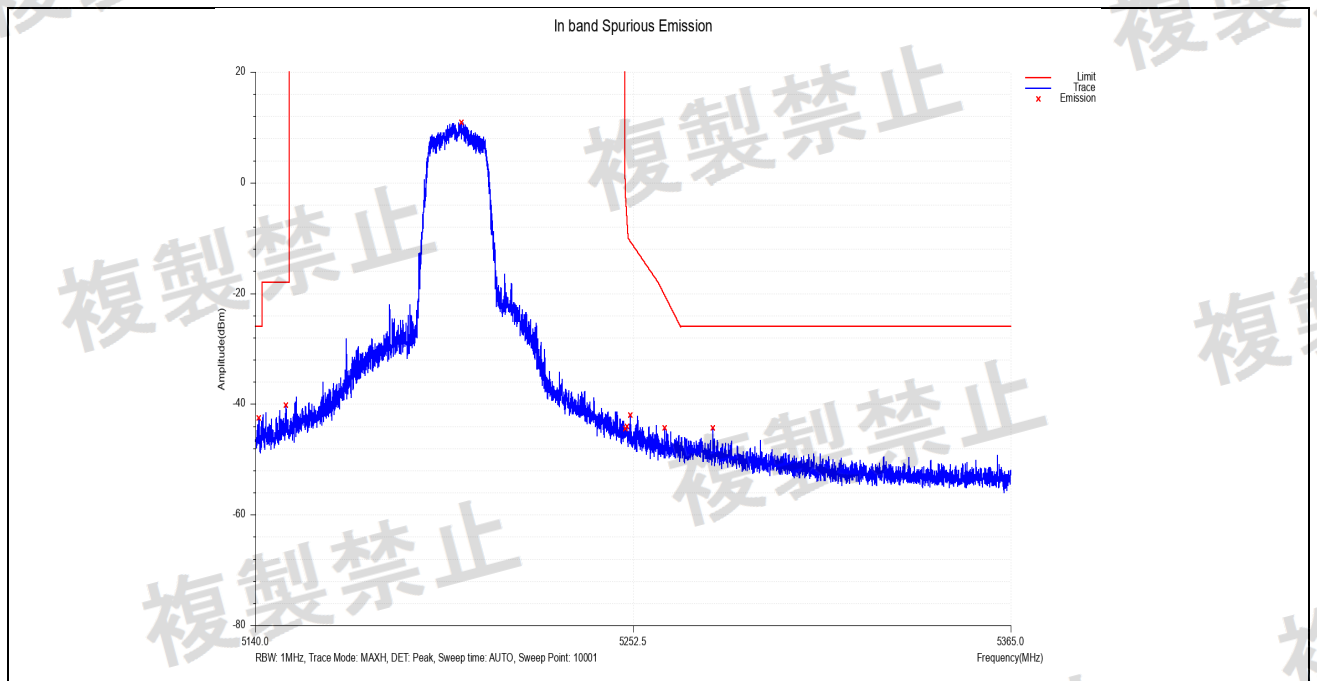
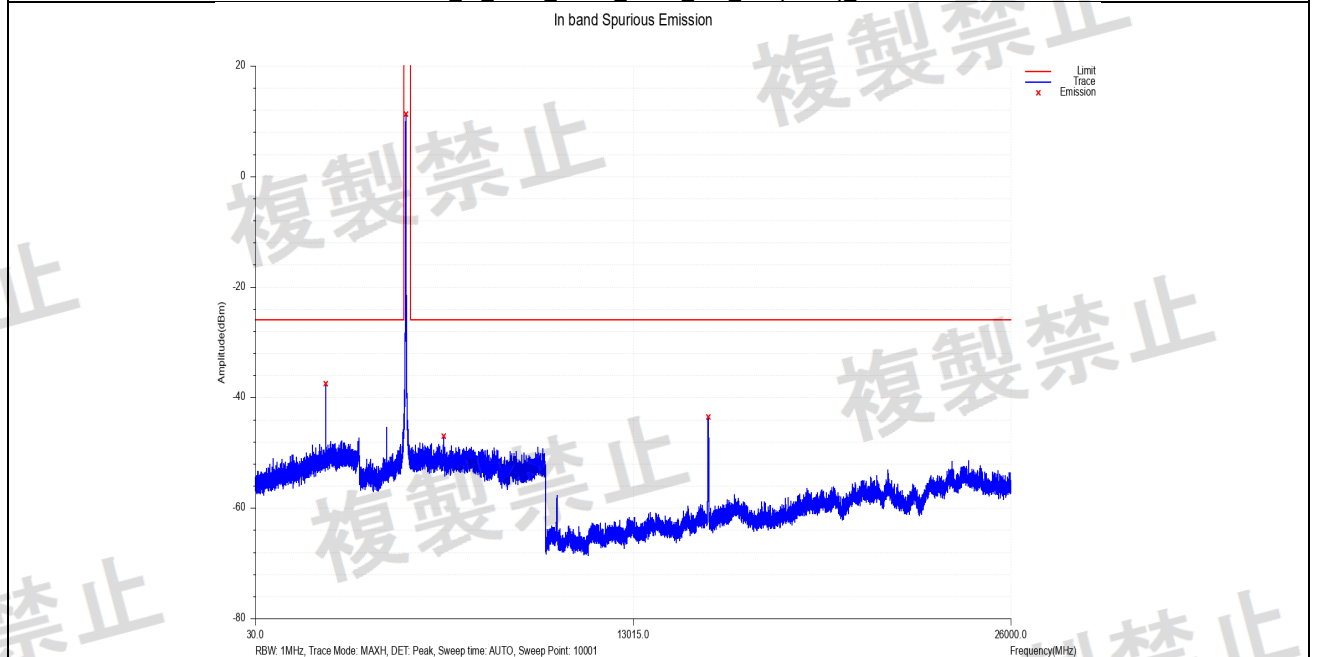
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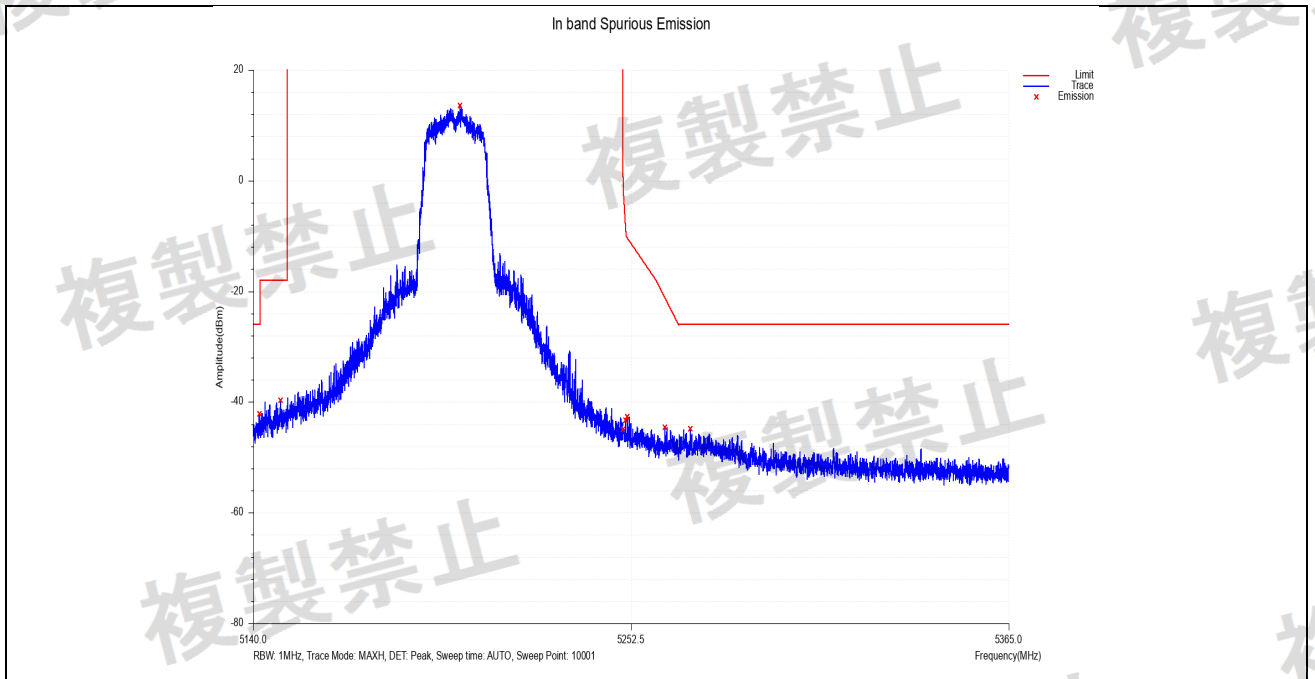


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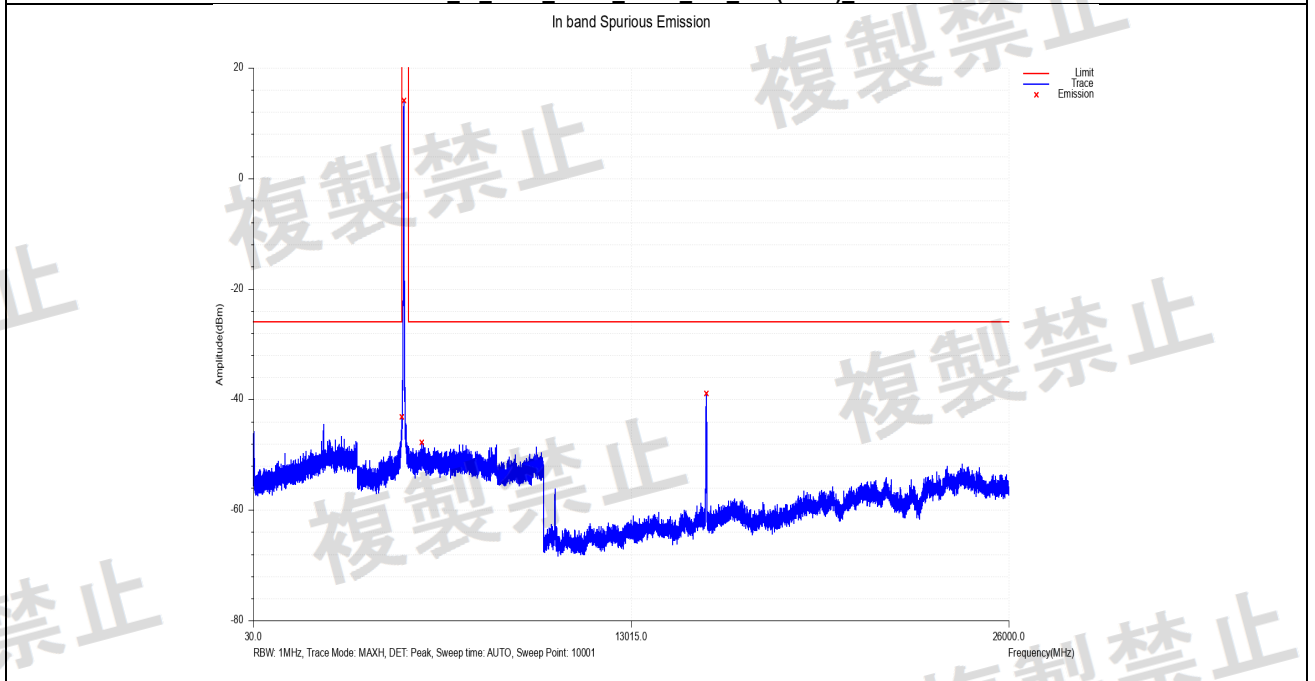


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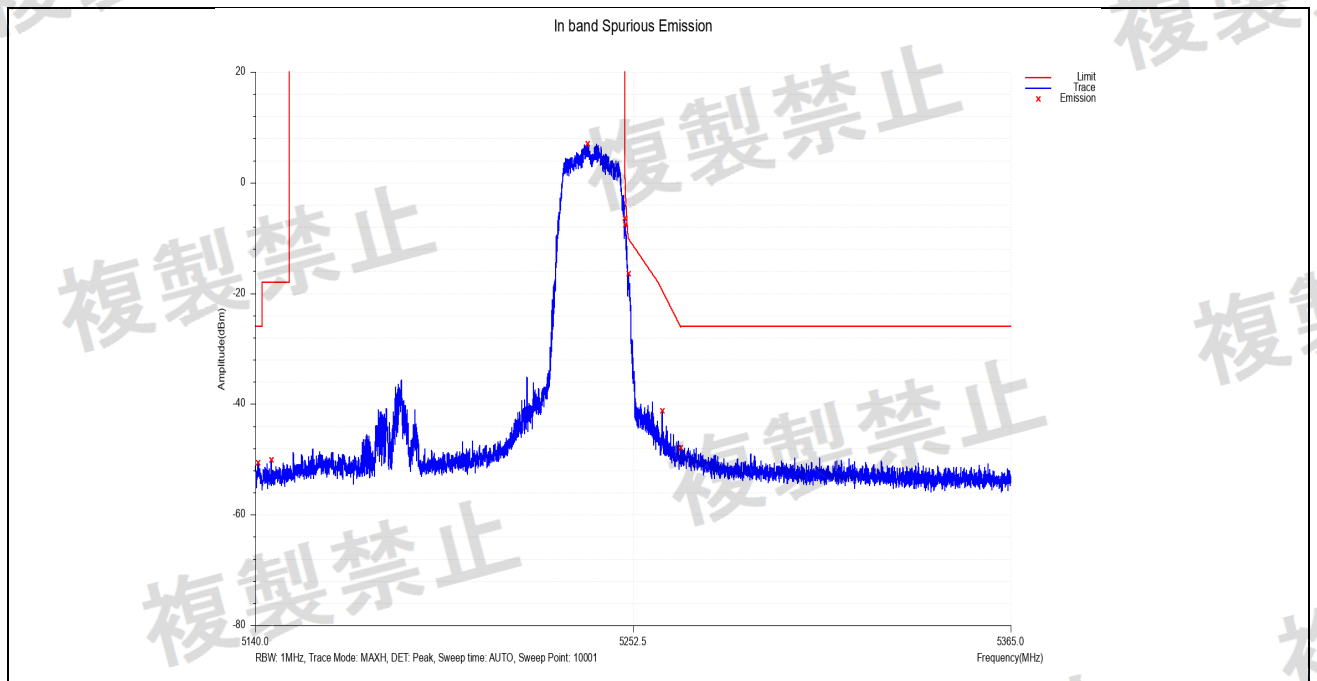
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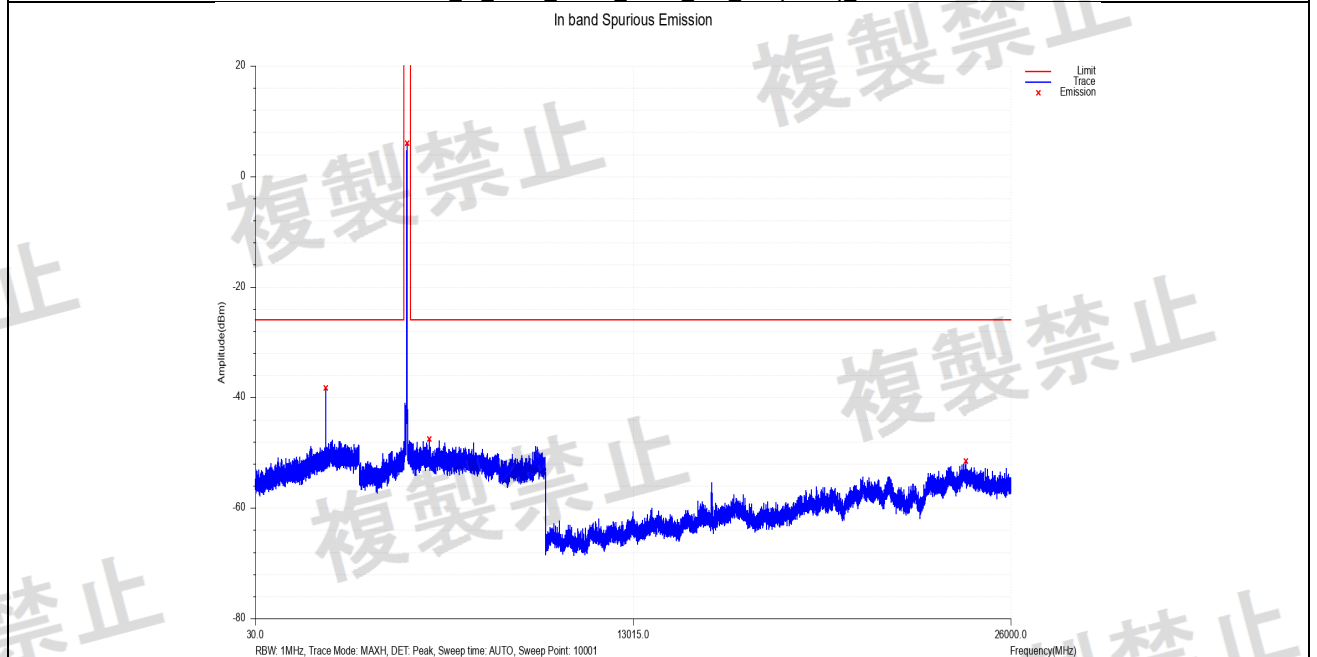
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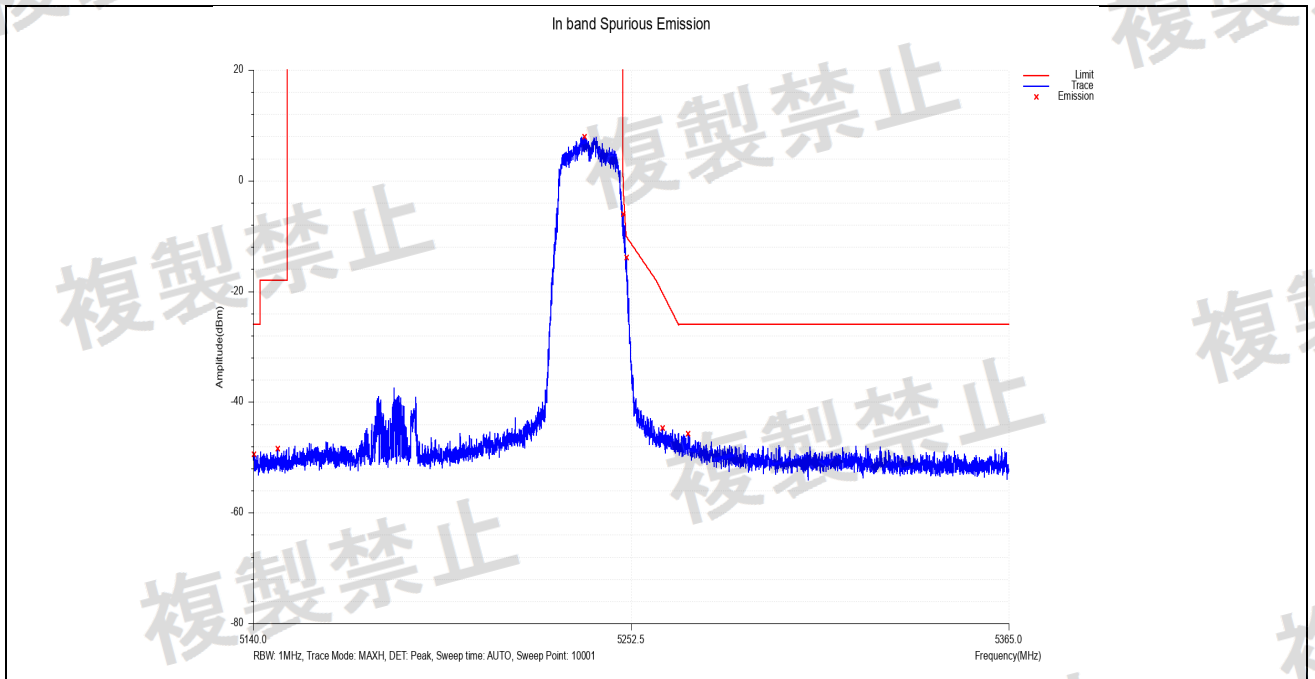
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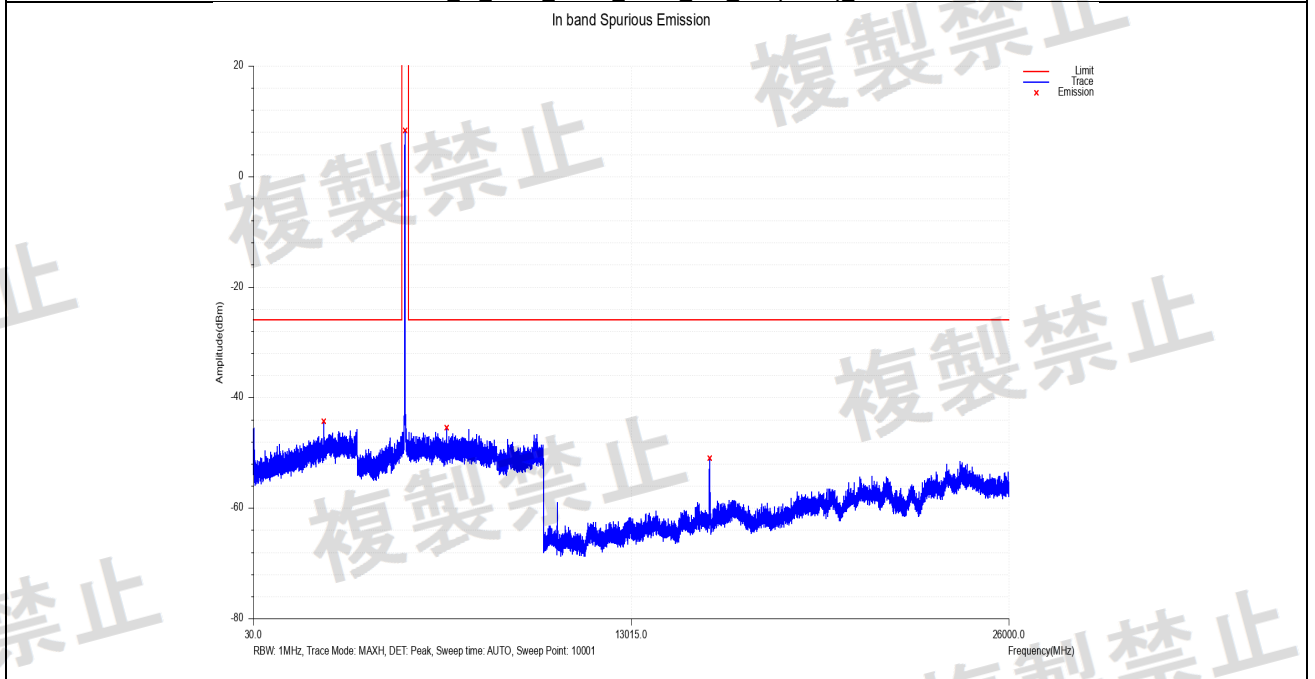
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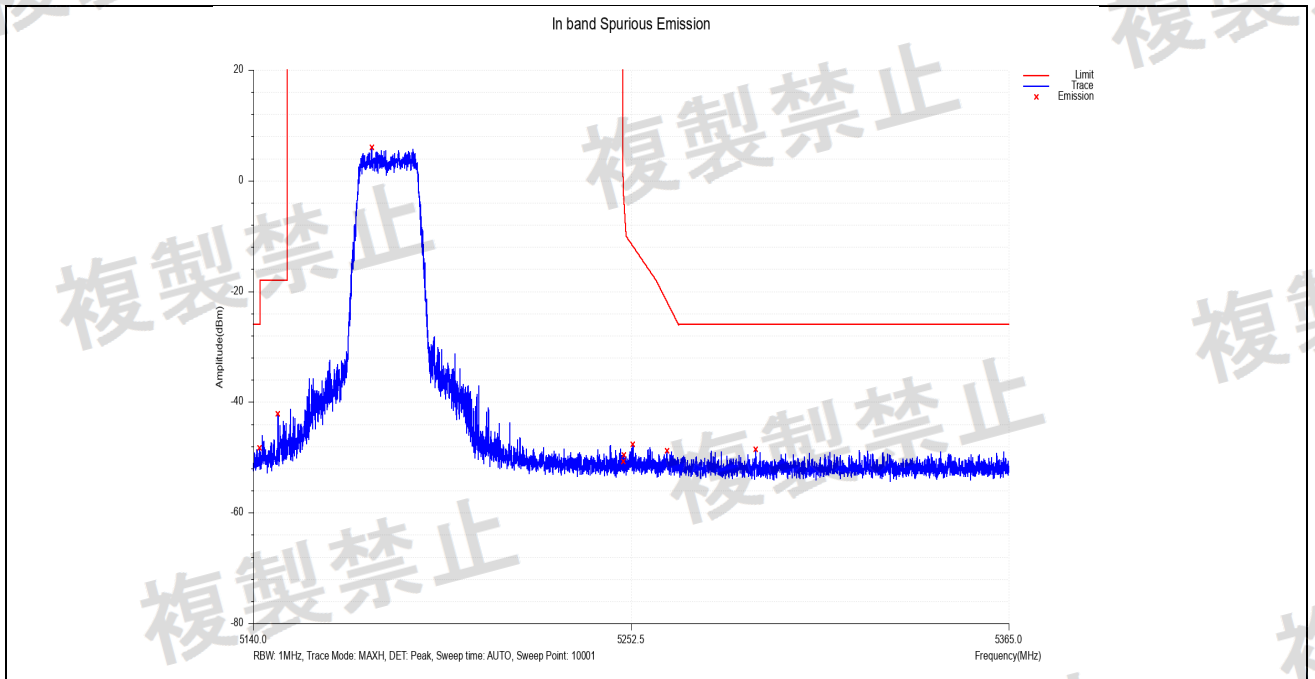
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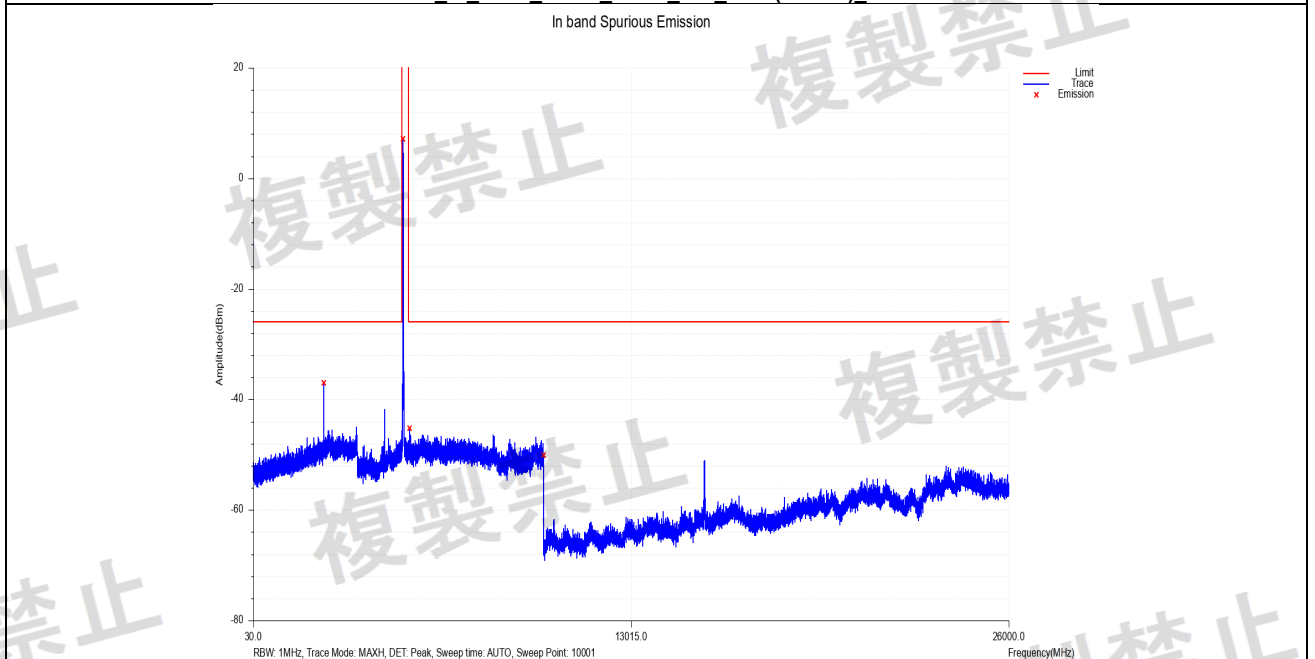
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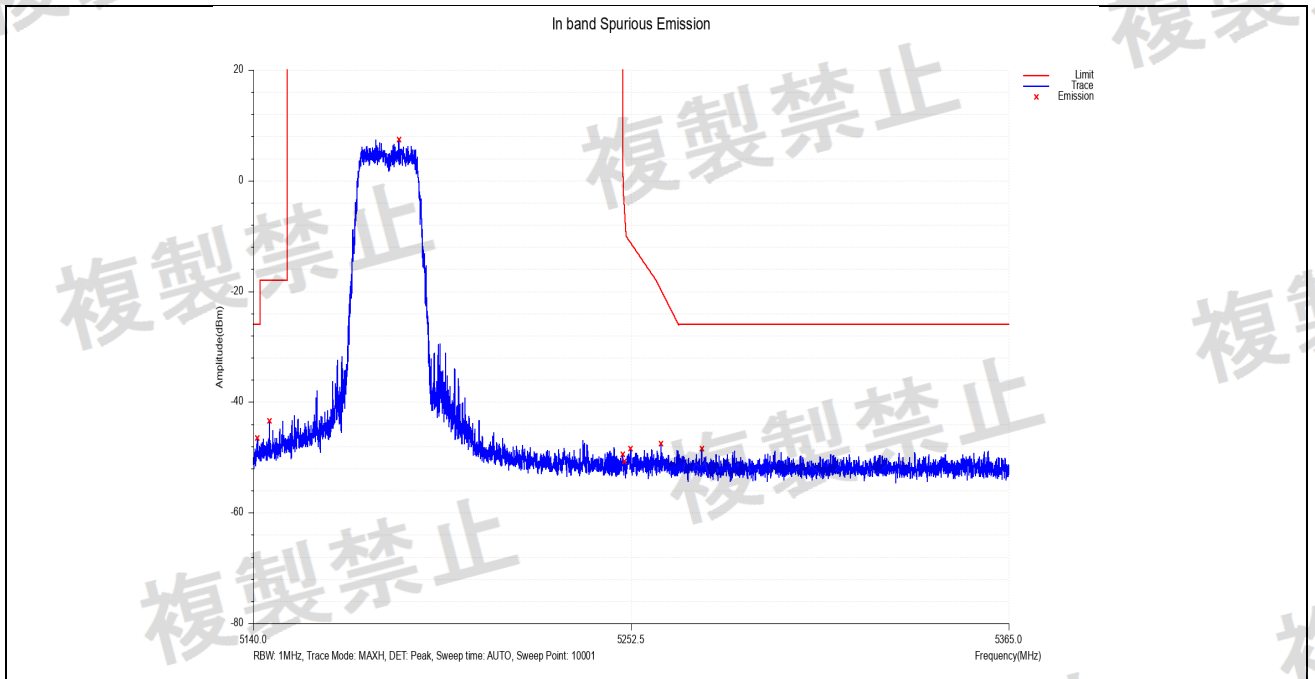
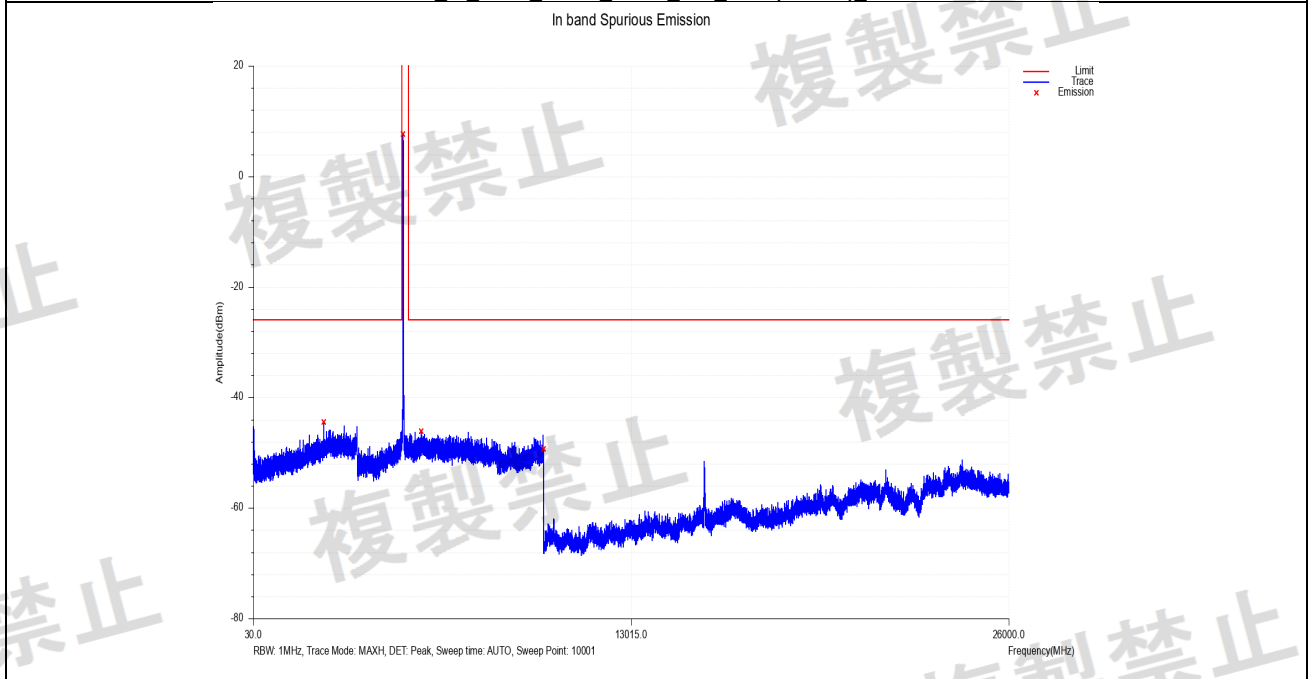
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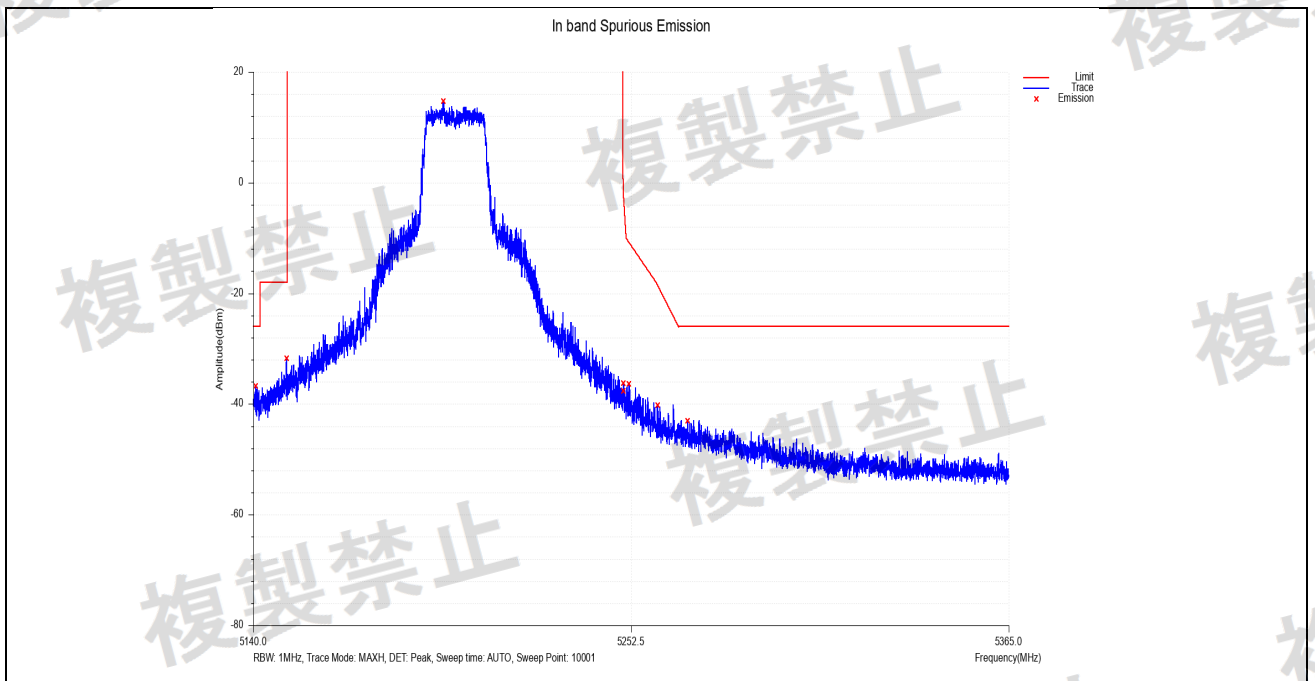


Out_of_band_NVNT_ANT1_802_11ac(VHT20)_5180

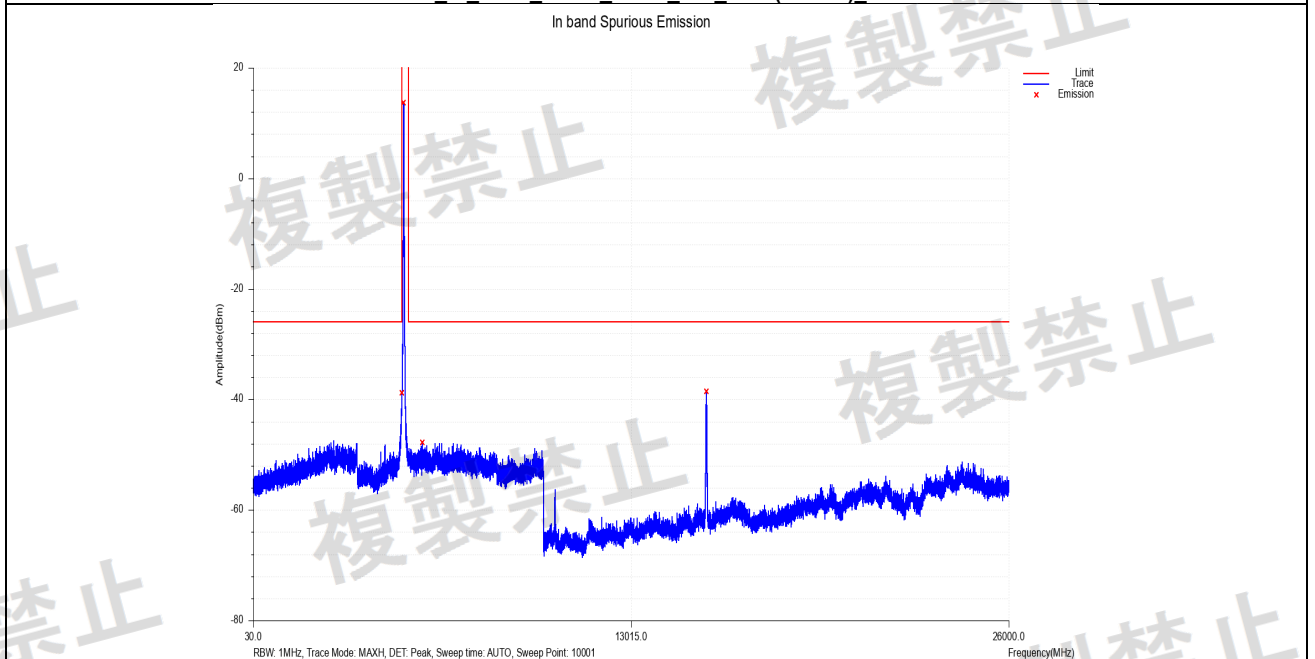


In_band_NVNT_ANT2_802_11ac(VHT20)_5180

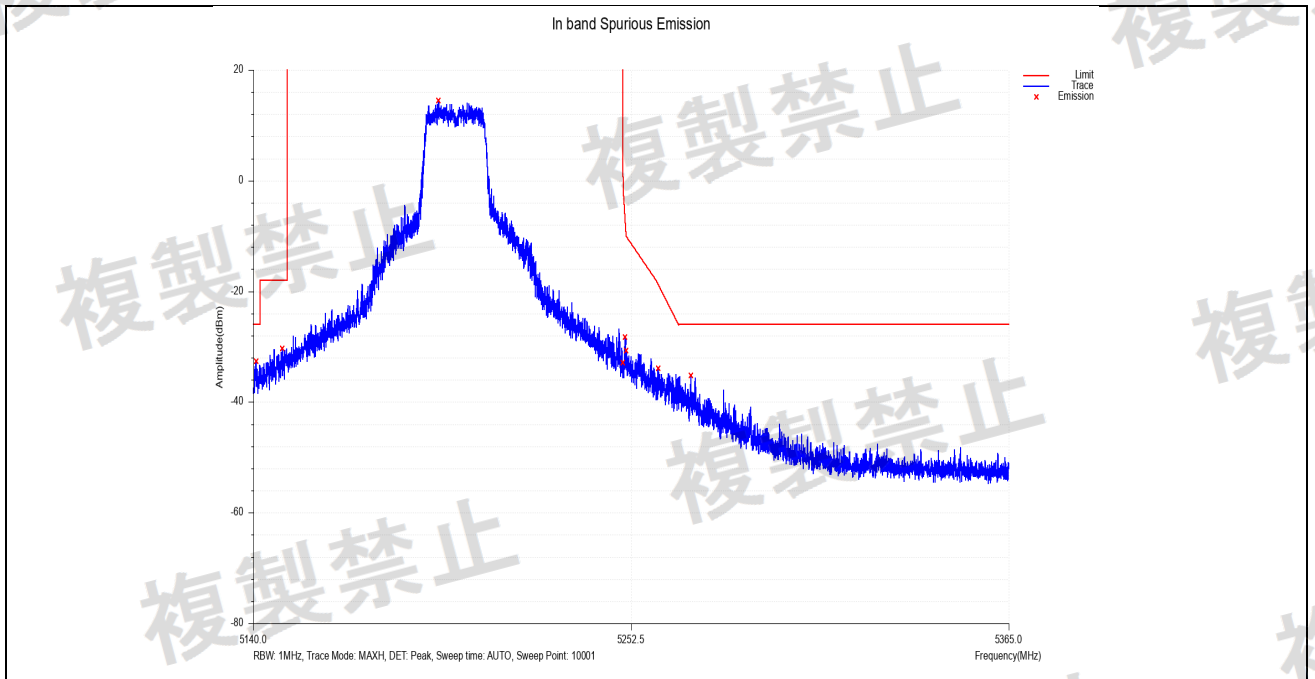
**Out_of_band_NVNT_ANT2_802_11ac(VHT20)_5180****In_band_NVNT_ANT1_802_11ac(VHT20)_5200**



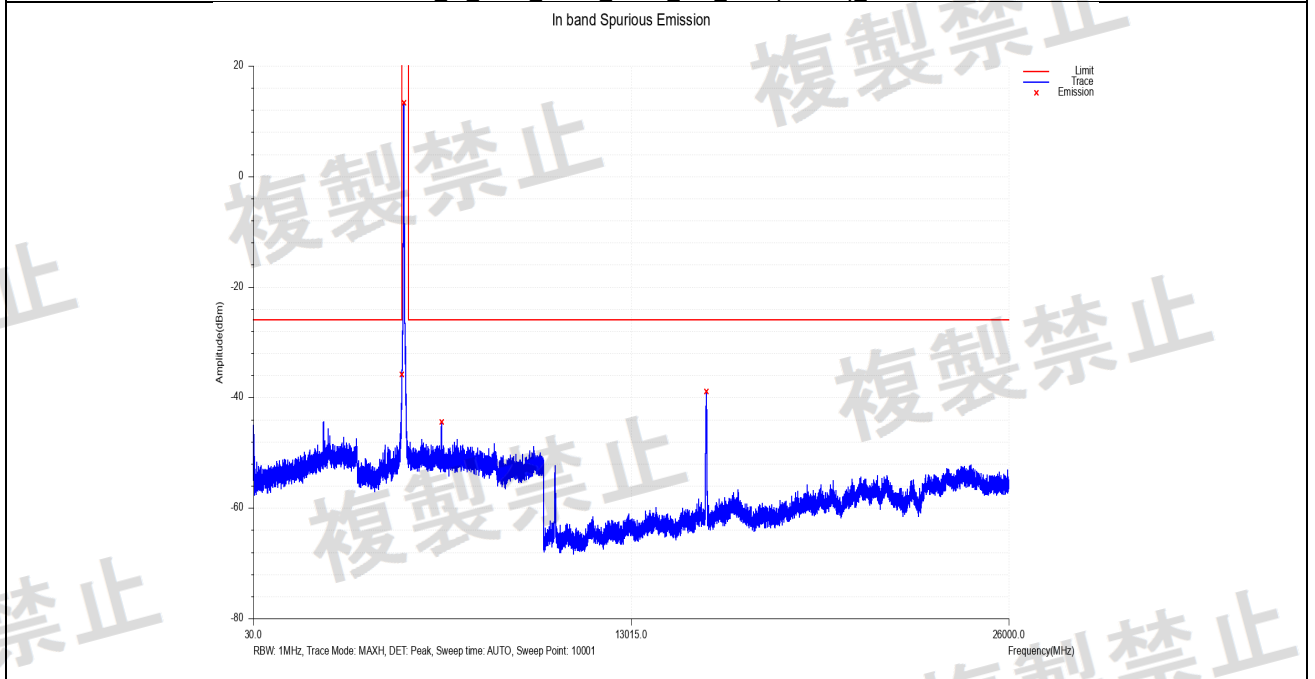
Out_of_band_NVNT_ANT1_802_11ac(VHT20)_5200



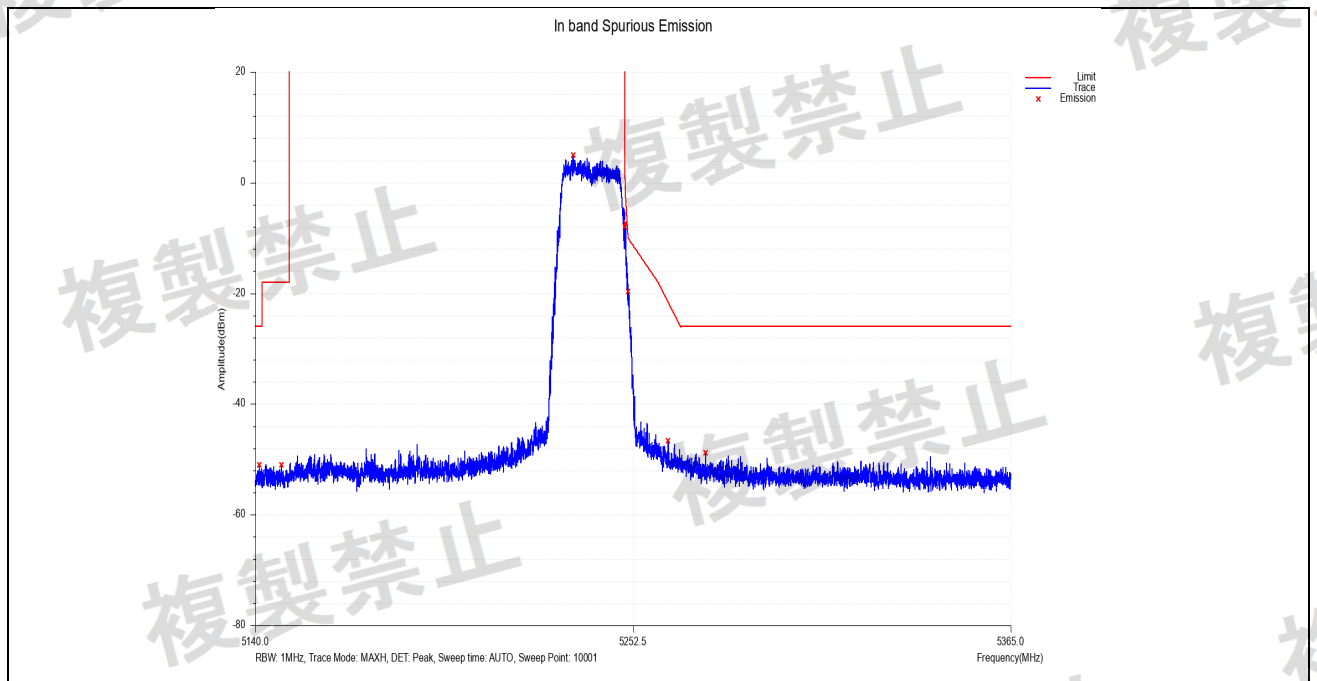
In_band_NVNT_ANT2_802_11ac(VHT20)_5200



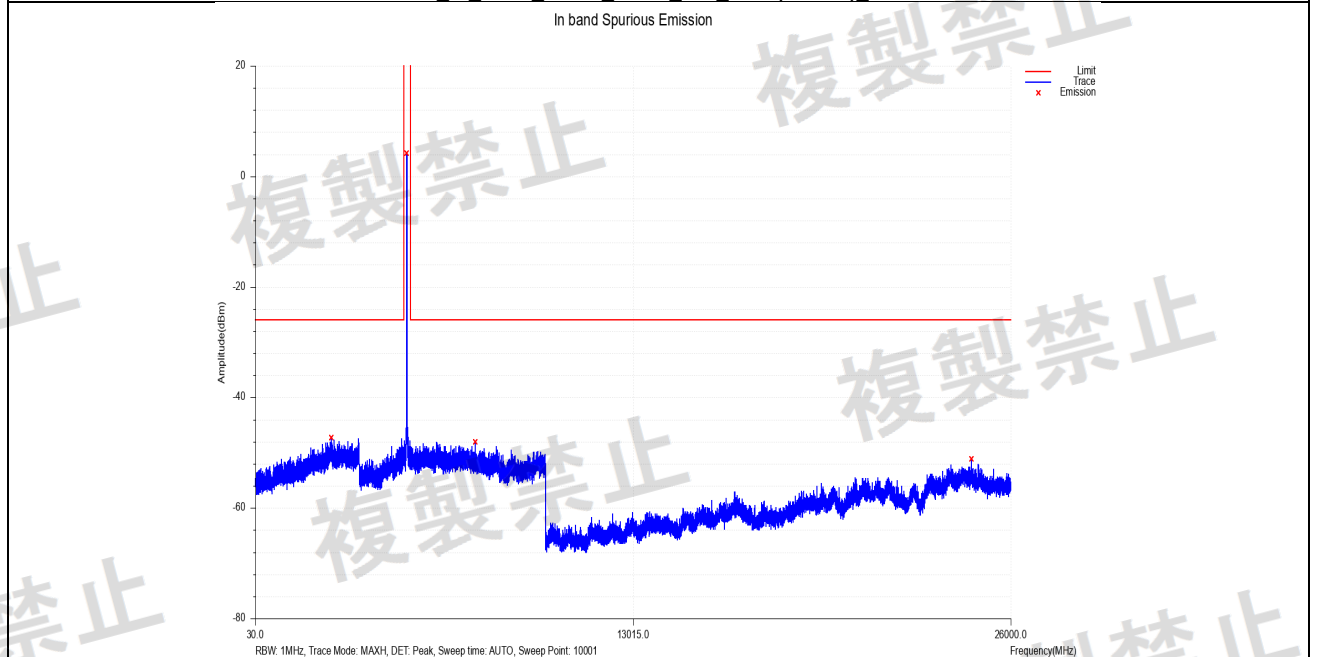
Out_of_band_NVNT_ANT2_802_11ac(VHT20)_5200



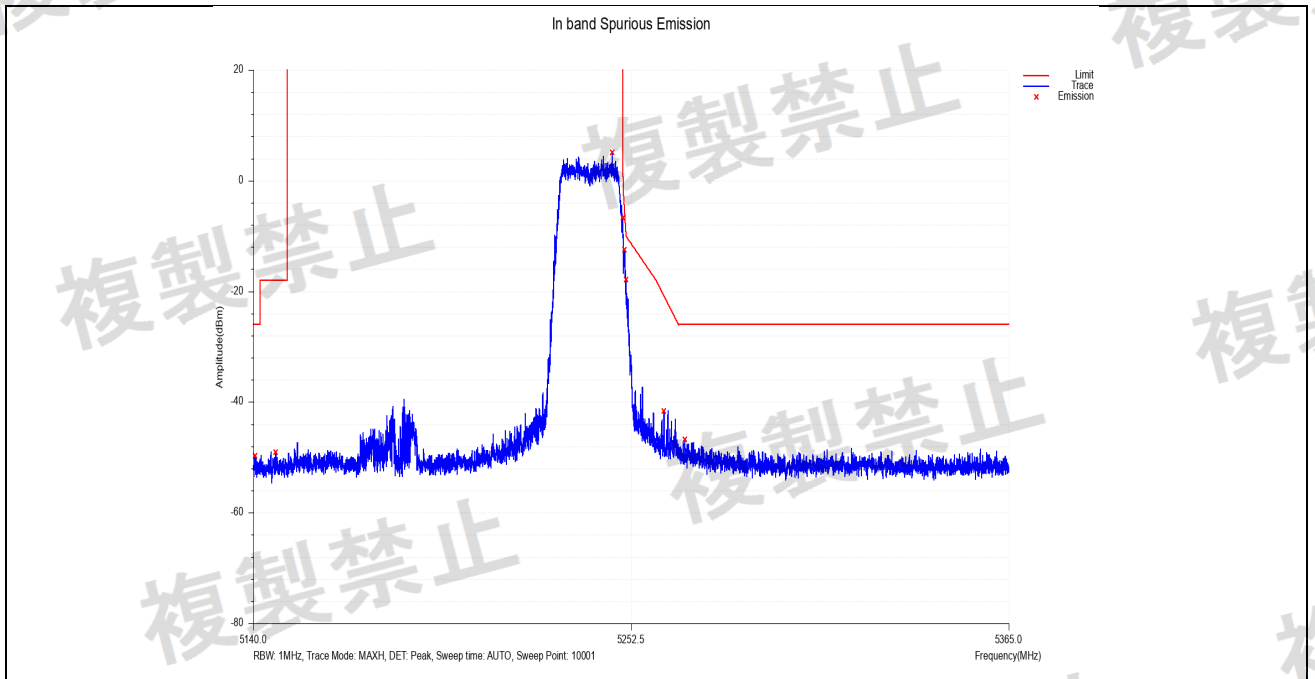
In_band_NVNT_ANT1_802_11ac(VHT20)_5240



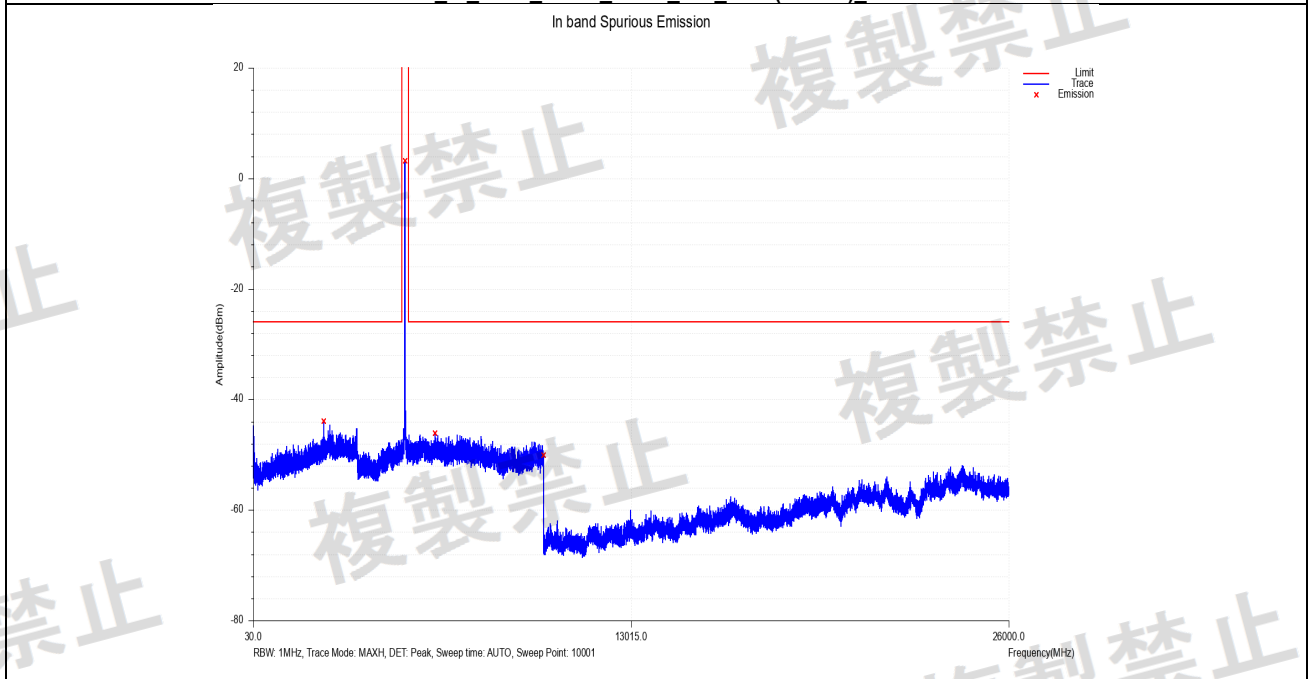
Out_of_band_NVNT_ANT1_802_11ac(VHT20)_5240



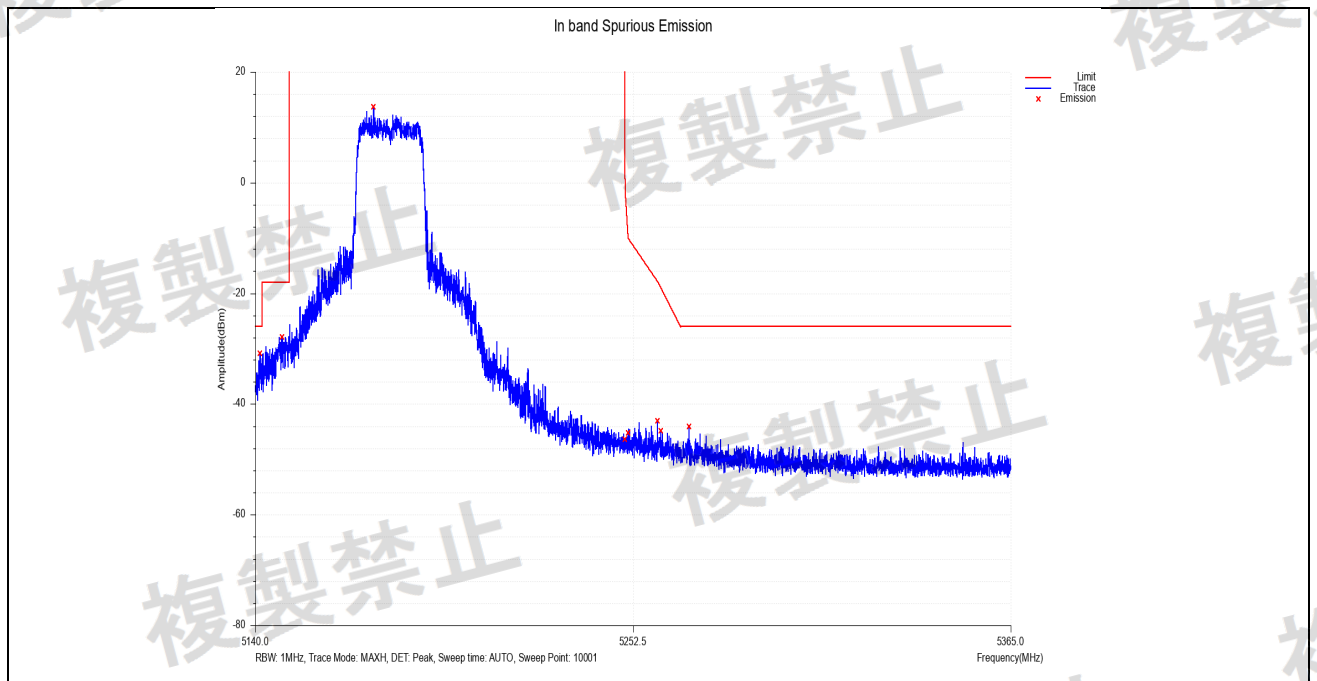
In_band_NVNT_ANT2_802_11ac(VHT20)_5240



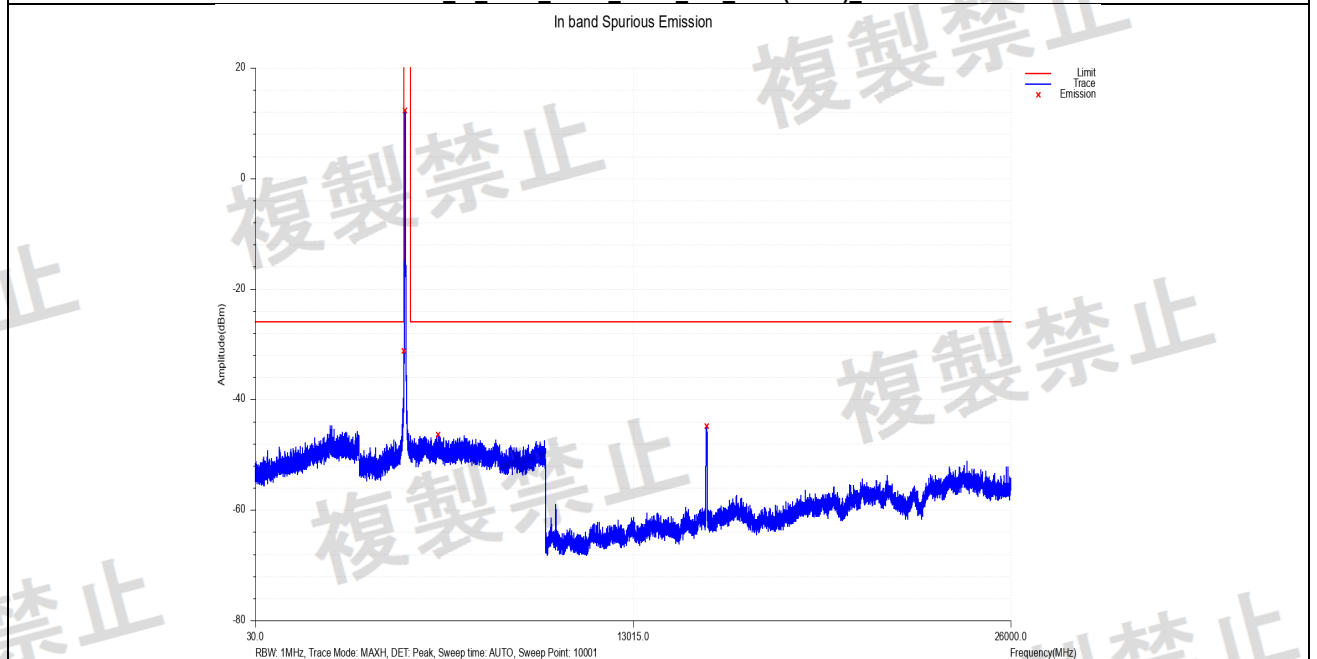
Out_of_band_NVNT_ANT2_802_11ac(VHT20)_5240



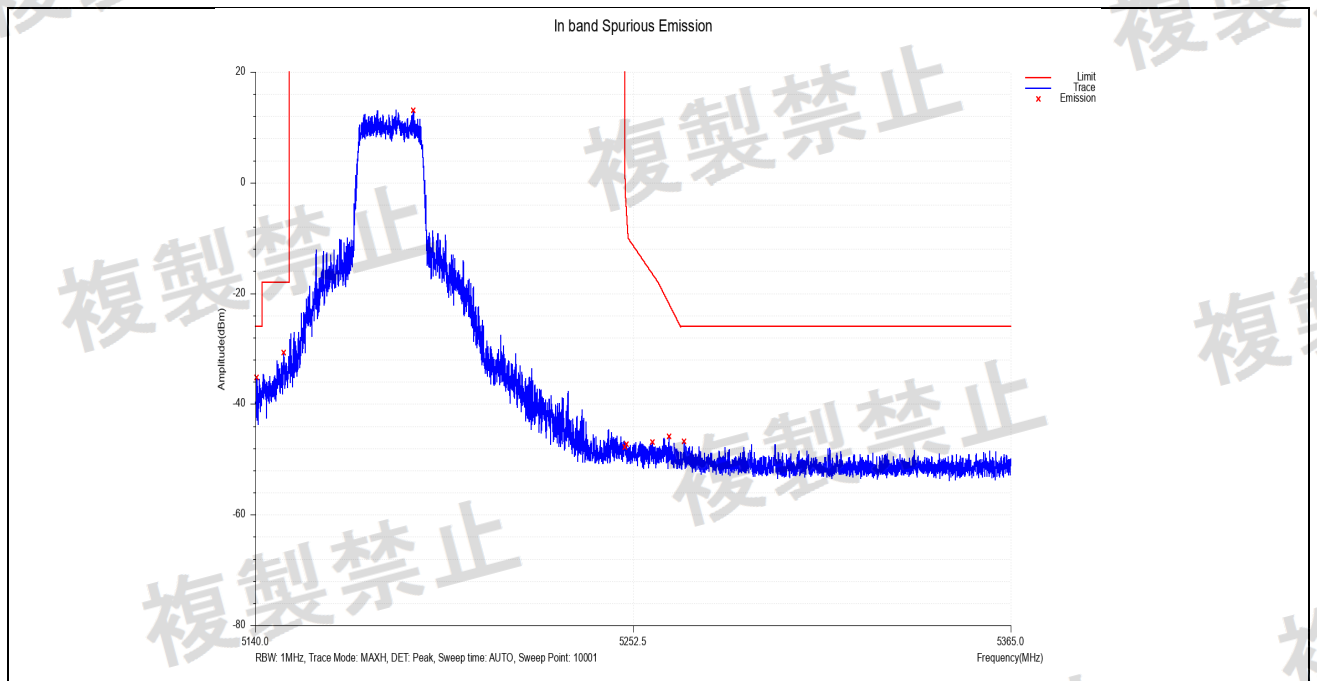
In_band_NVNT_ANT1_802_11ax(HE20)_5180



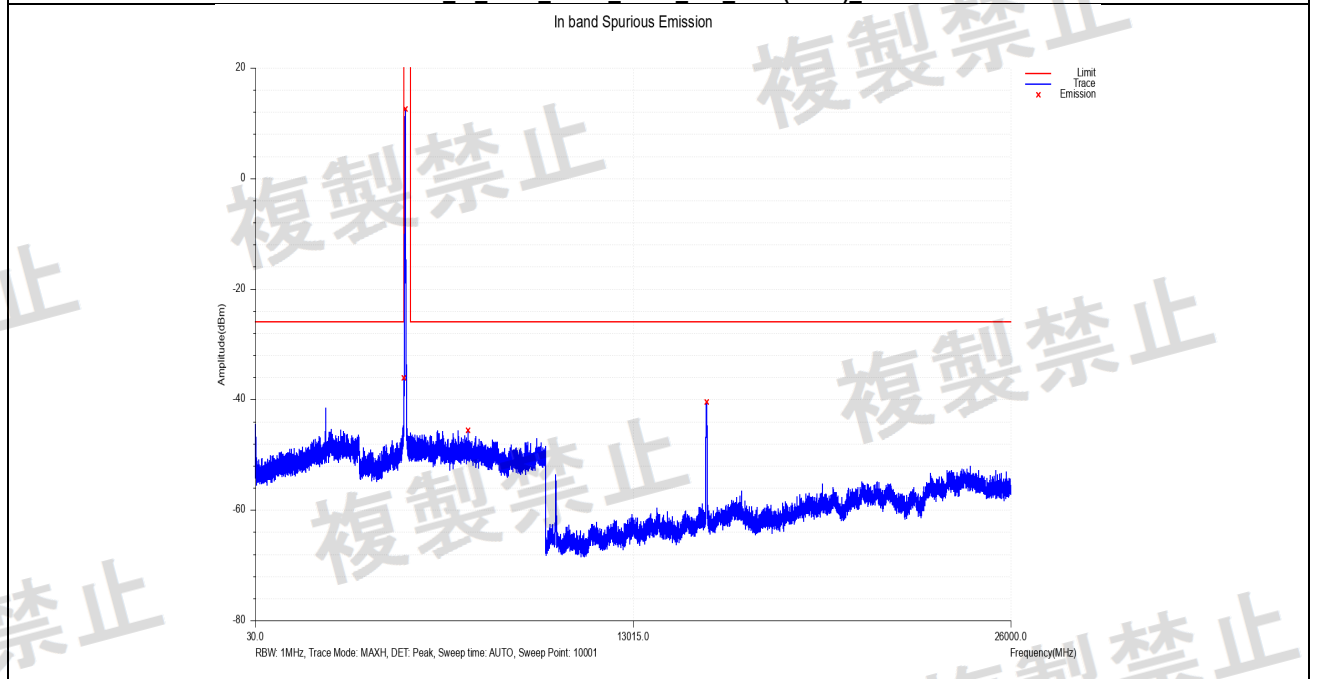
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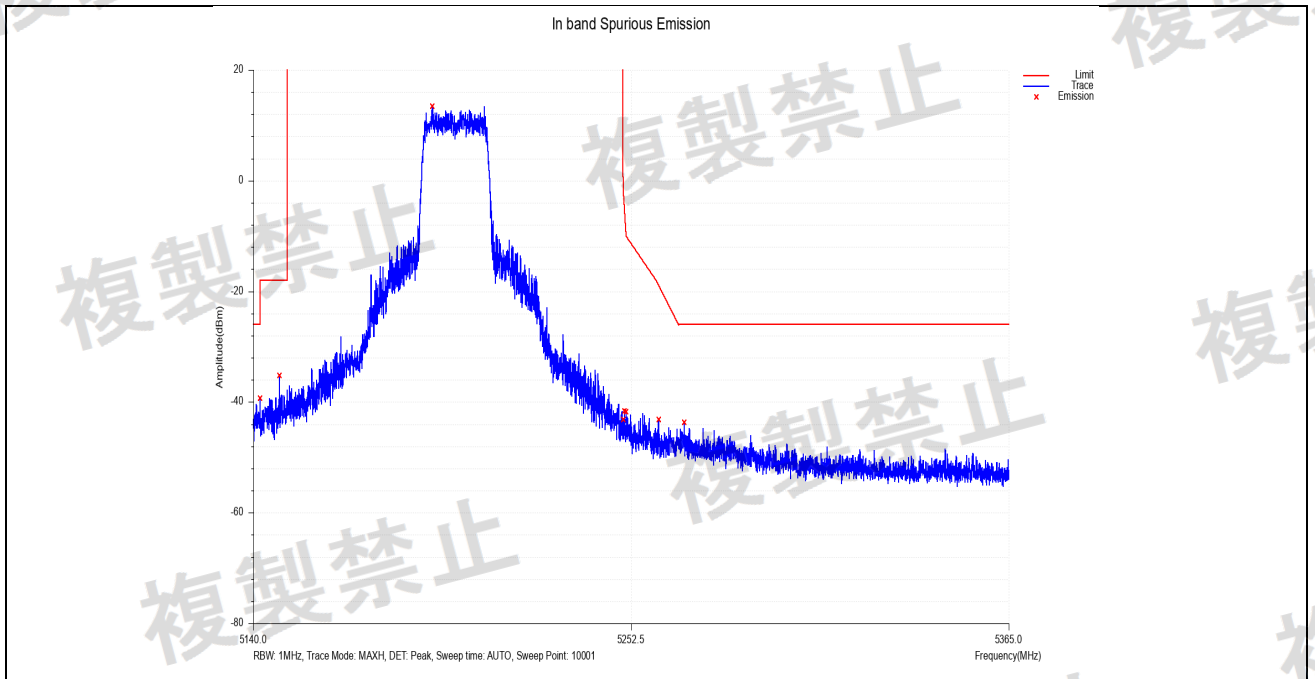
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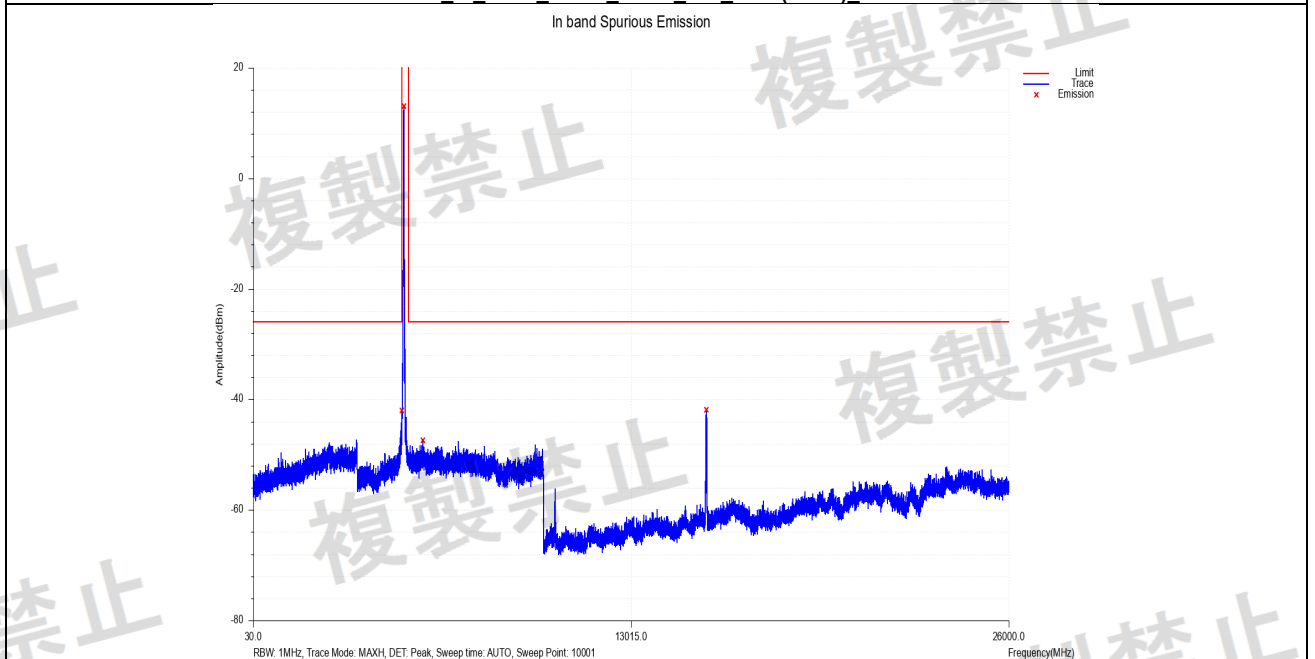
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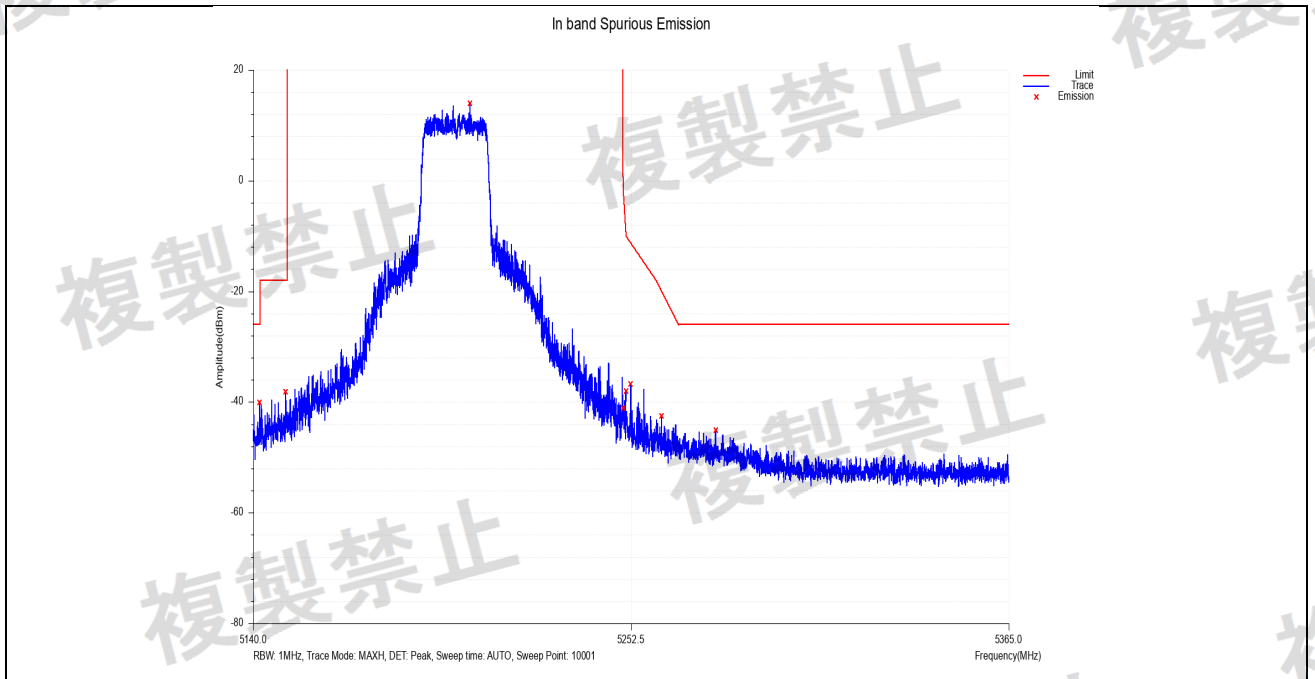
In_band_NVNT_ANT1_802_11ax(HE20)_5200



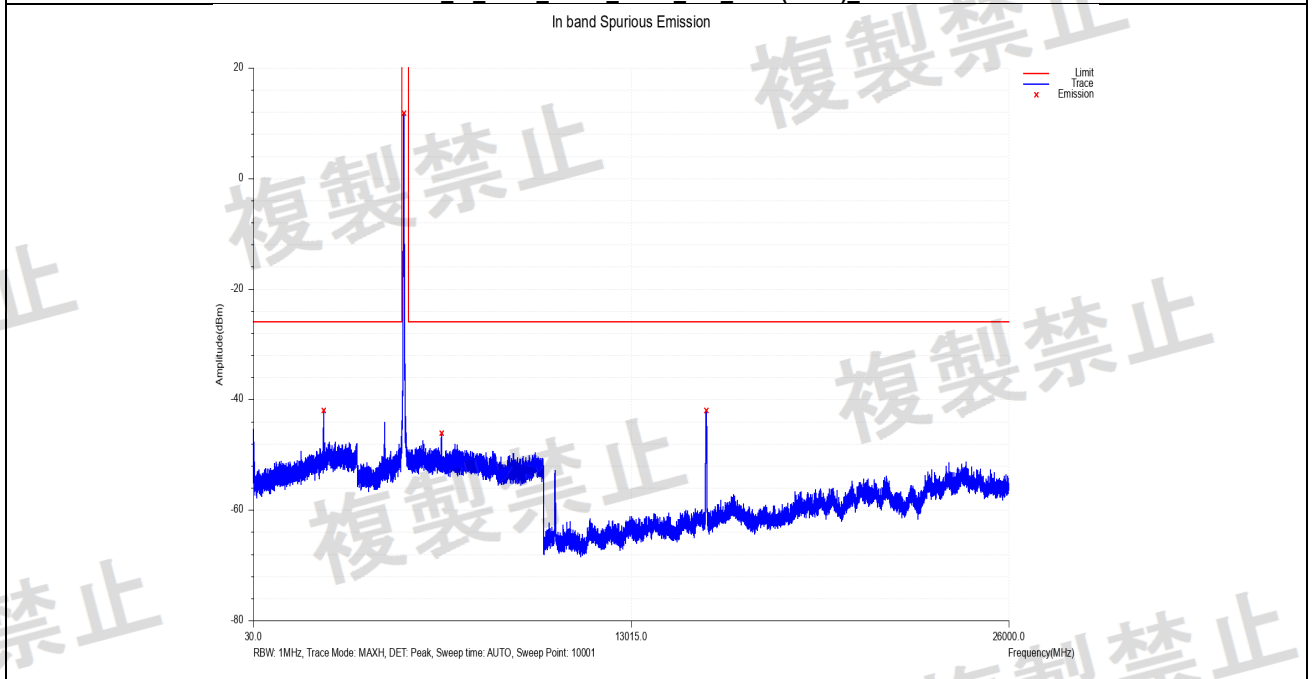
Out_of_band_NVNT_ANT1_802_11ax(HE20)_5200



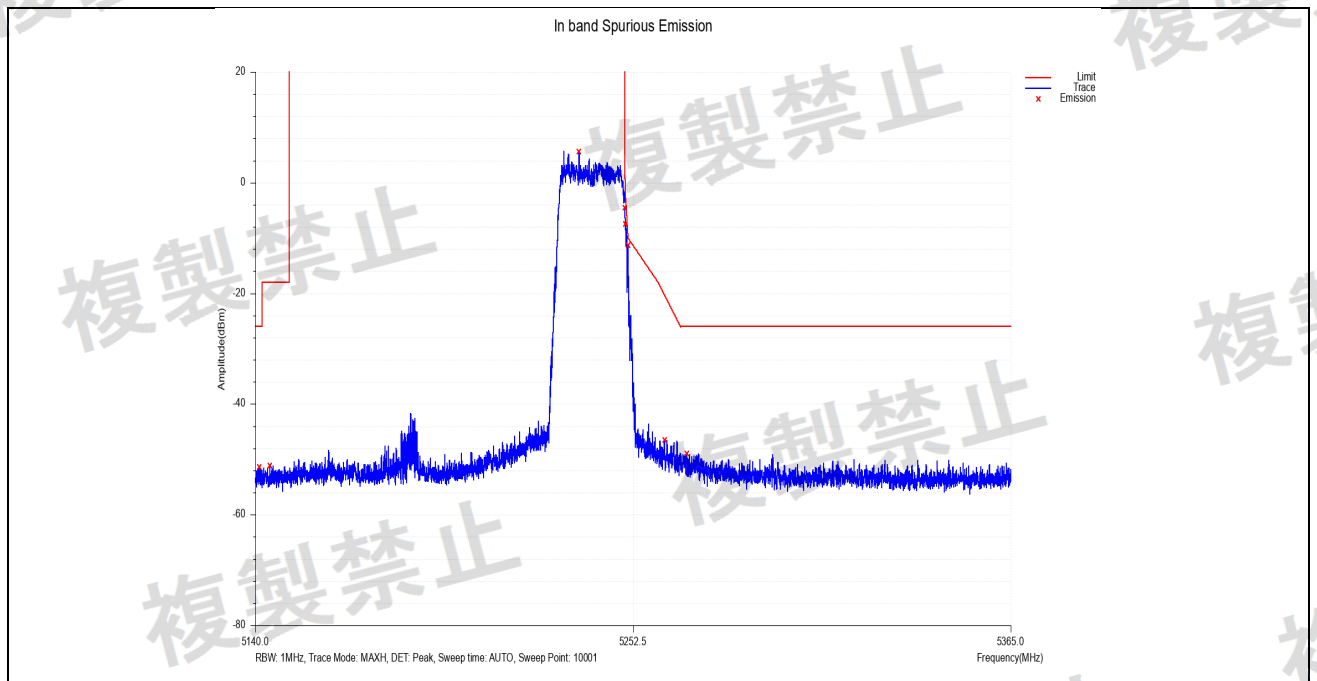
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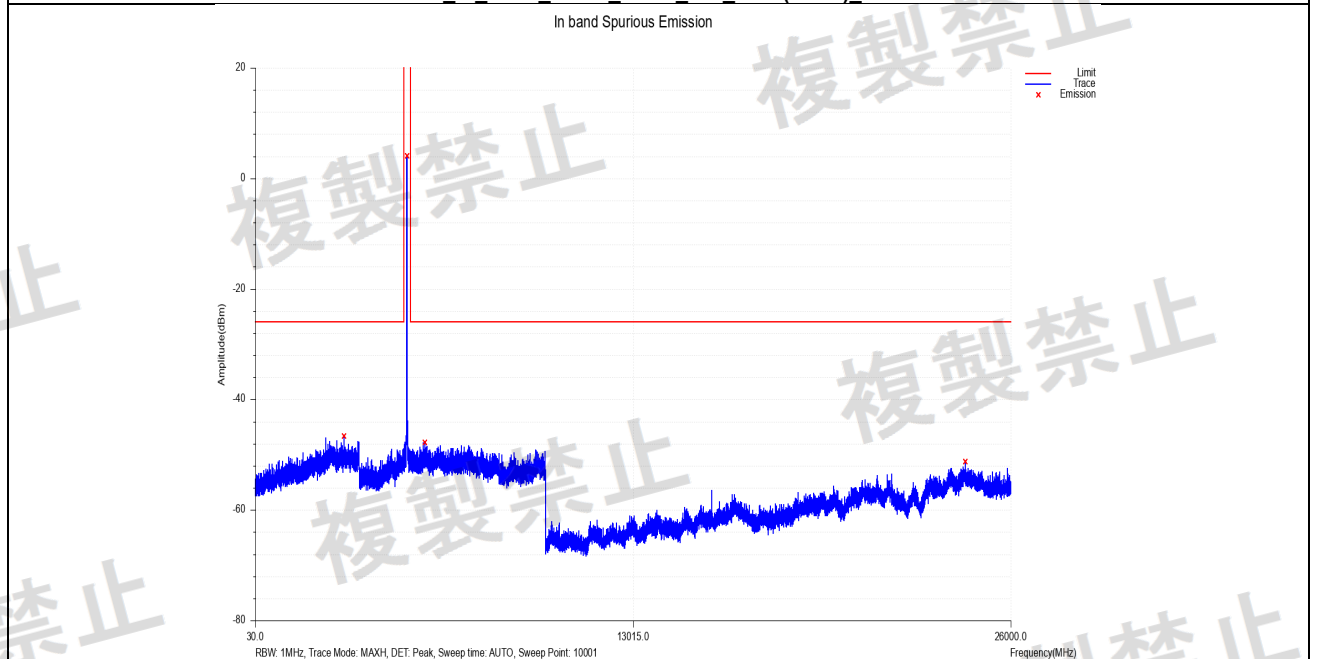
Out_of_band_NVNT_ANT2_802_11ax(HE20)_5200



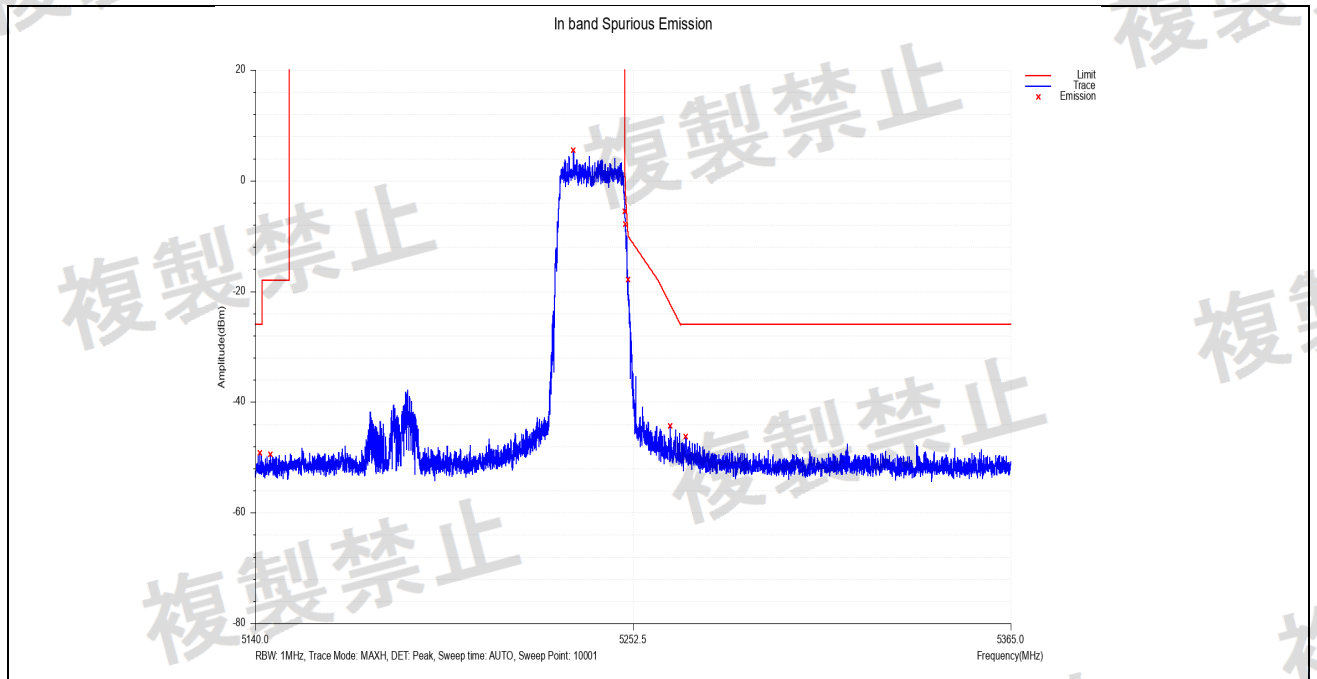
In_band_NVNT_ANT1_802_11ax(HE20)_5240



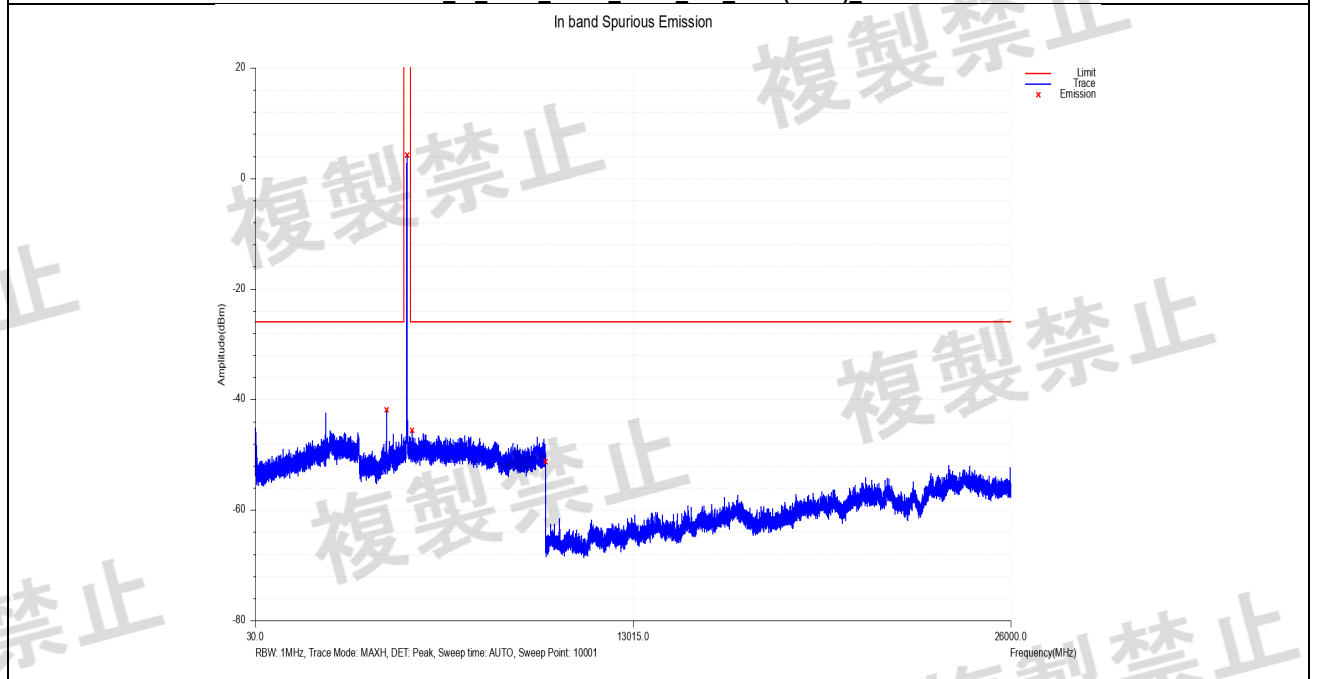
Out_of_band_NVNT_ANT1_802_11ax(HE20)_5240



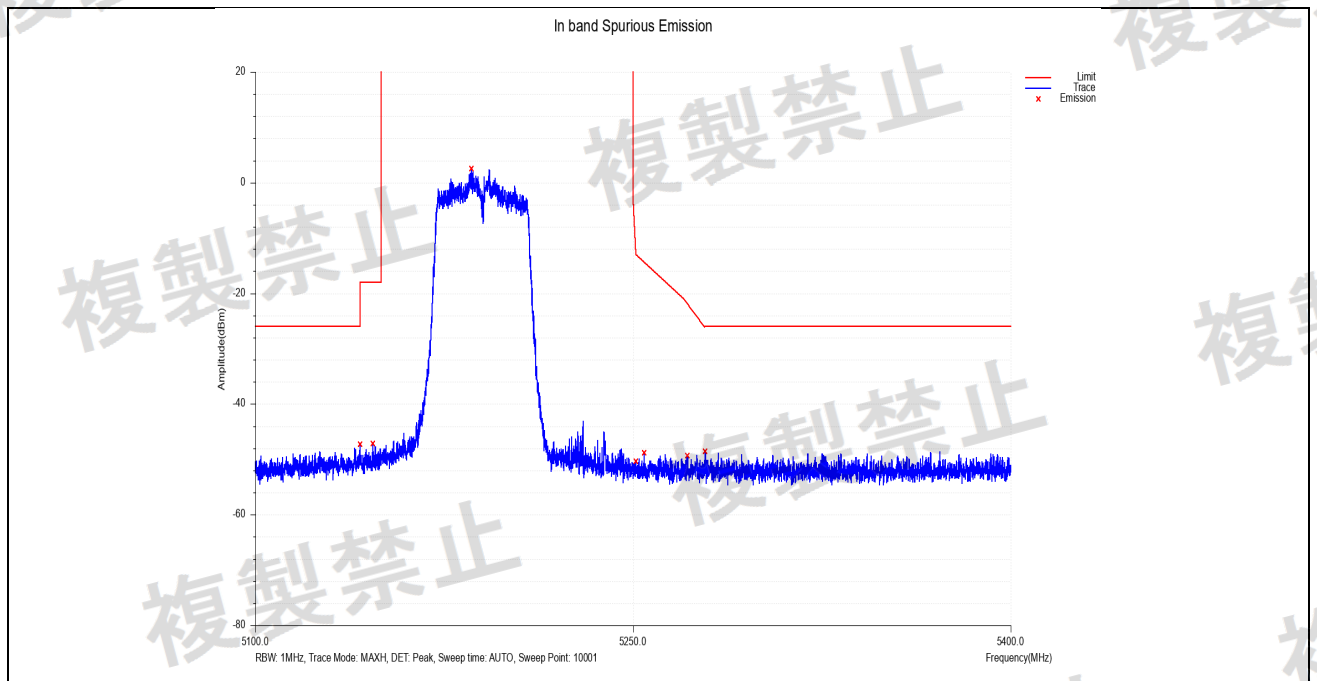
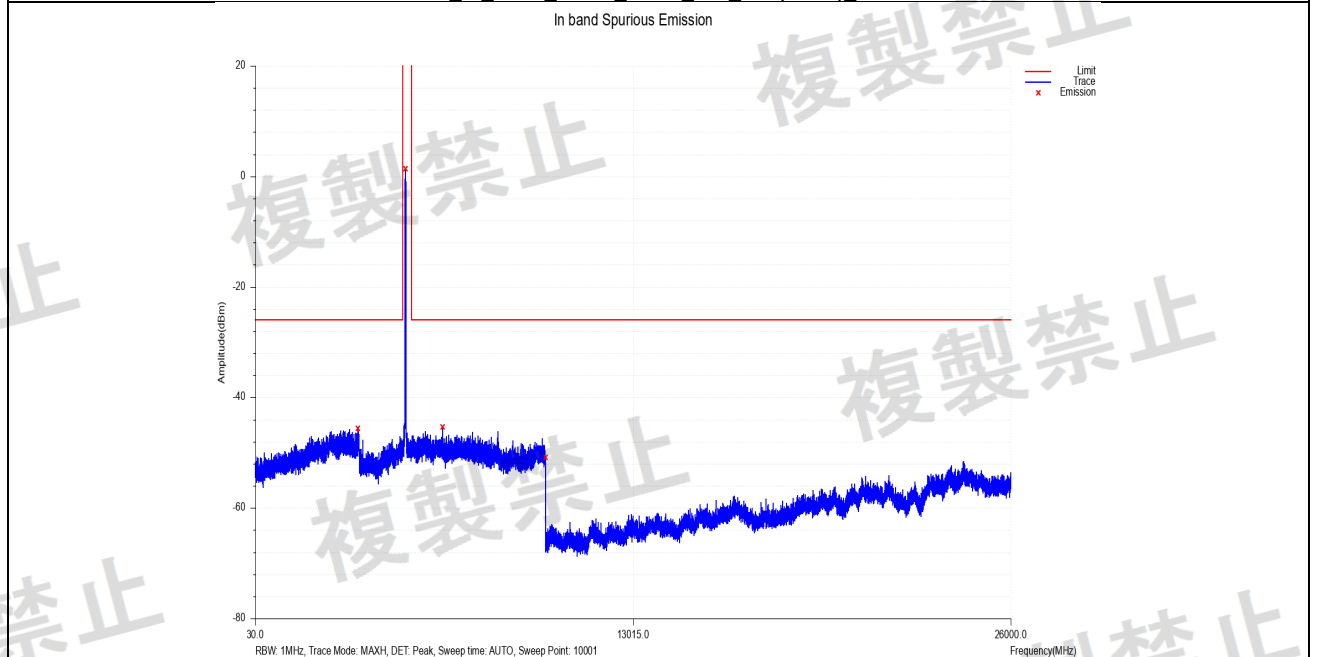
In_band_NVNT_ANT2_802_11ax(HE20)_5240

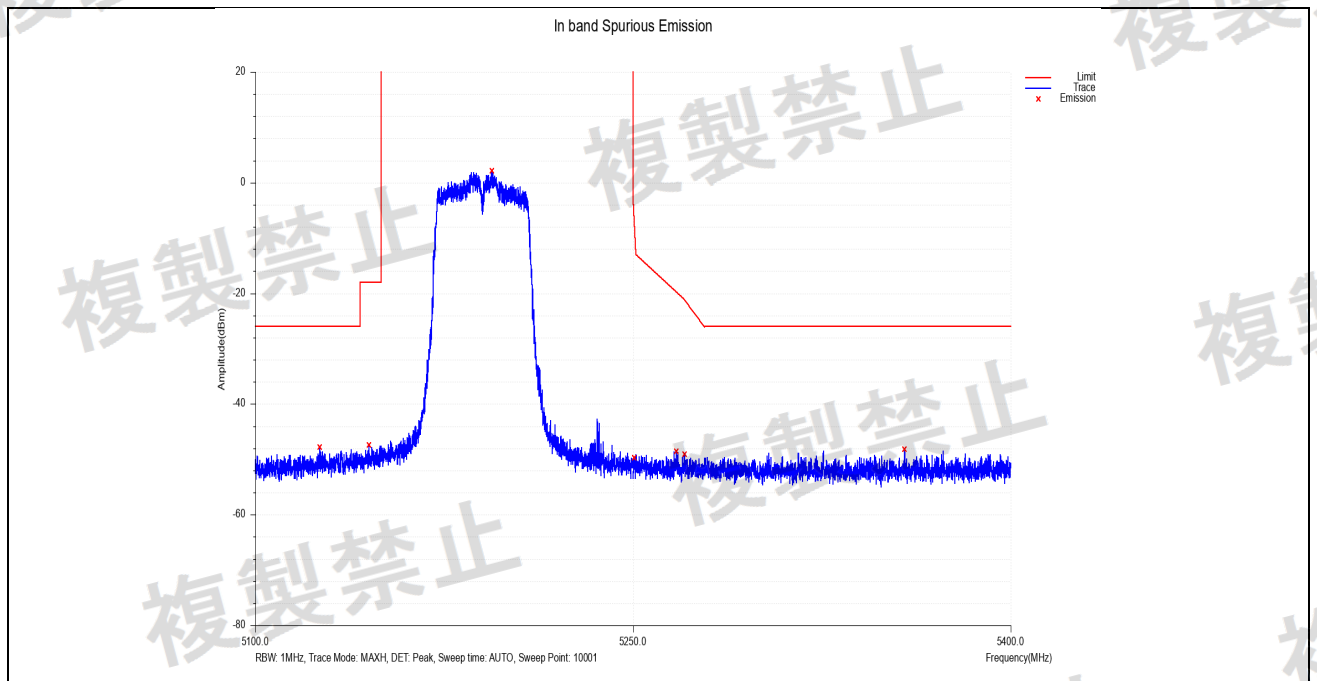


Out of band NVNT_ANT2_802_11ax(HE20)_5240

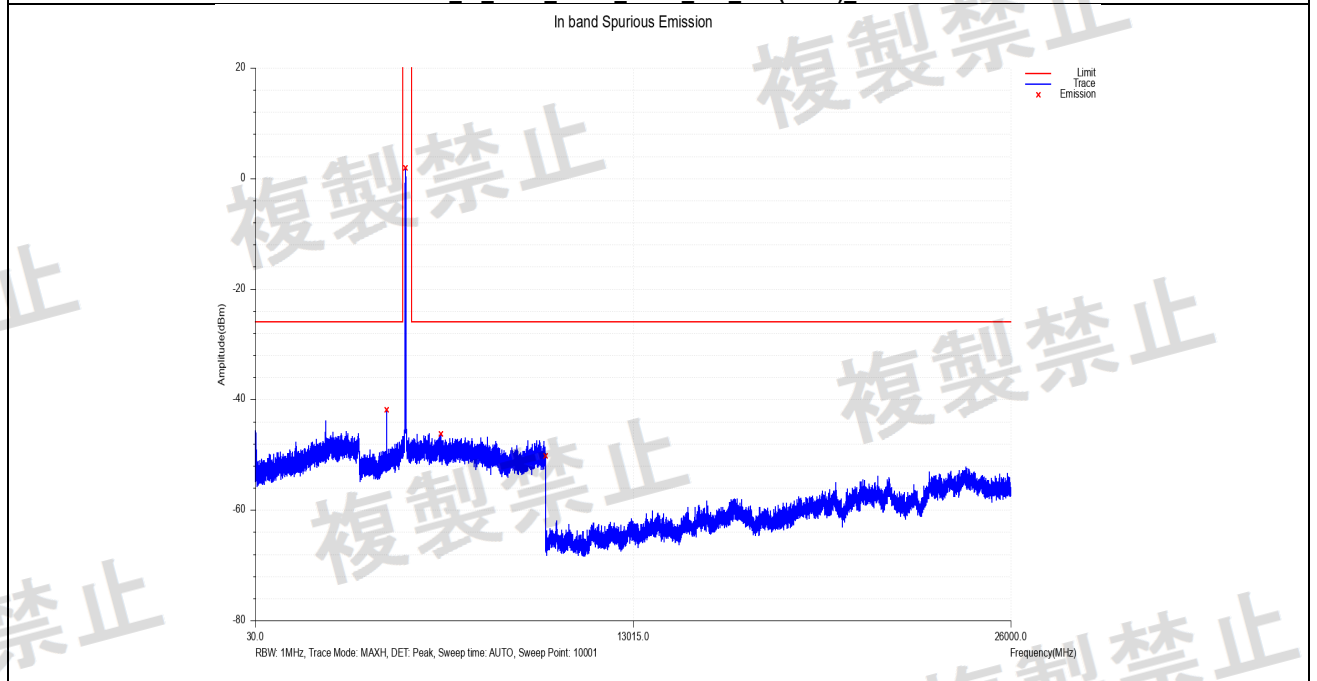


In_band_NVNT_ANT1_802_11n(HT40)_5190

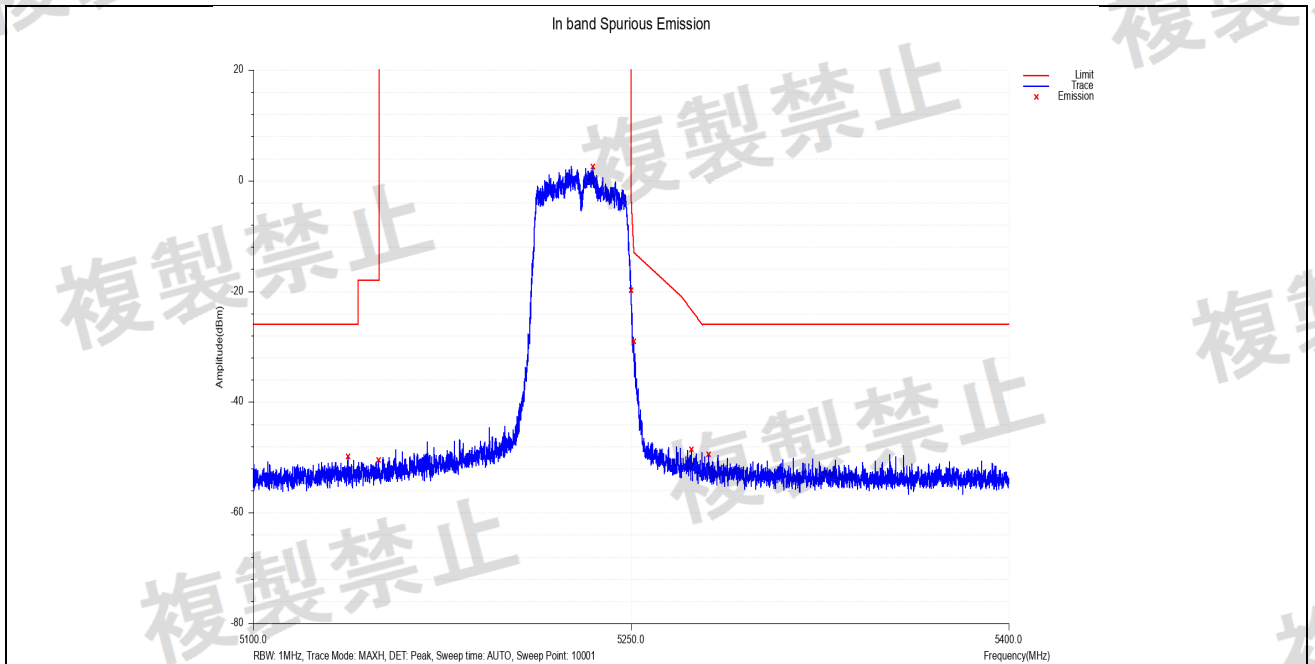
**Out of band NVNT_ANT1_802_11n(HT40)_5190****In_band_NVNT_ANT2_802_11n(HT40)_5190**



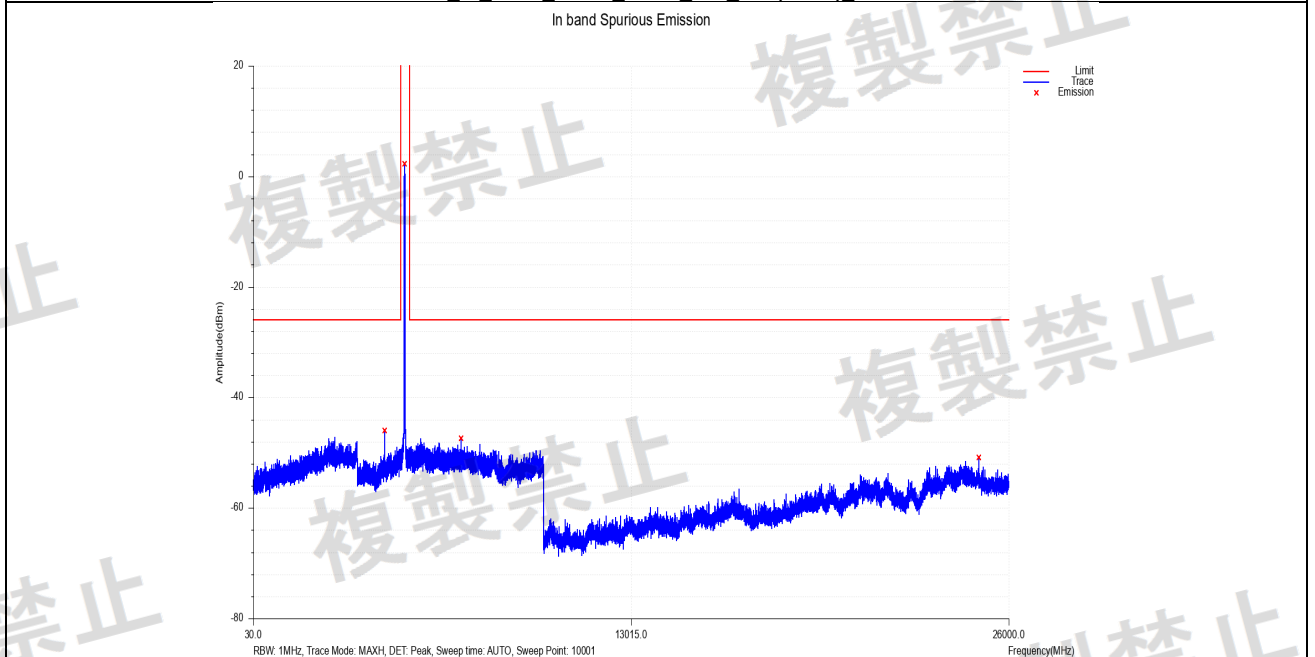
Out of band NVNT_ANT2_802_11n(HT40)_5190



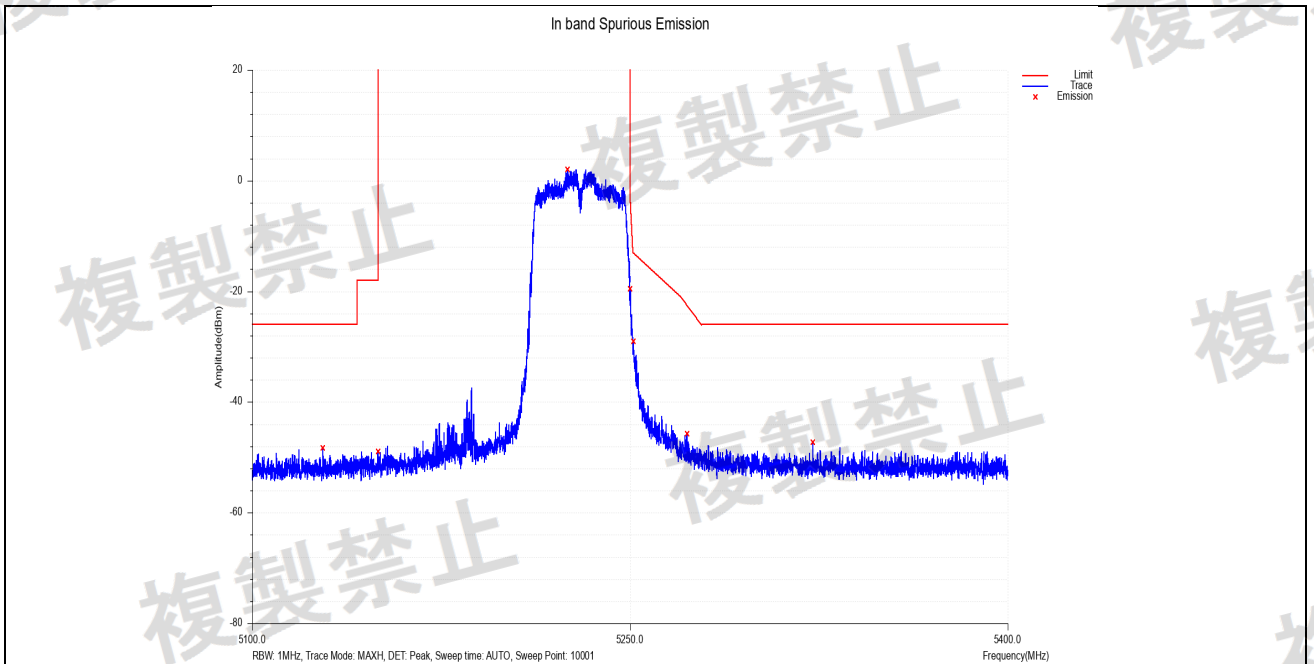
In_band_NVNT_ANT1_802_11n(HT40)_5230



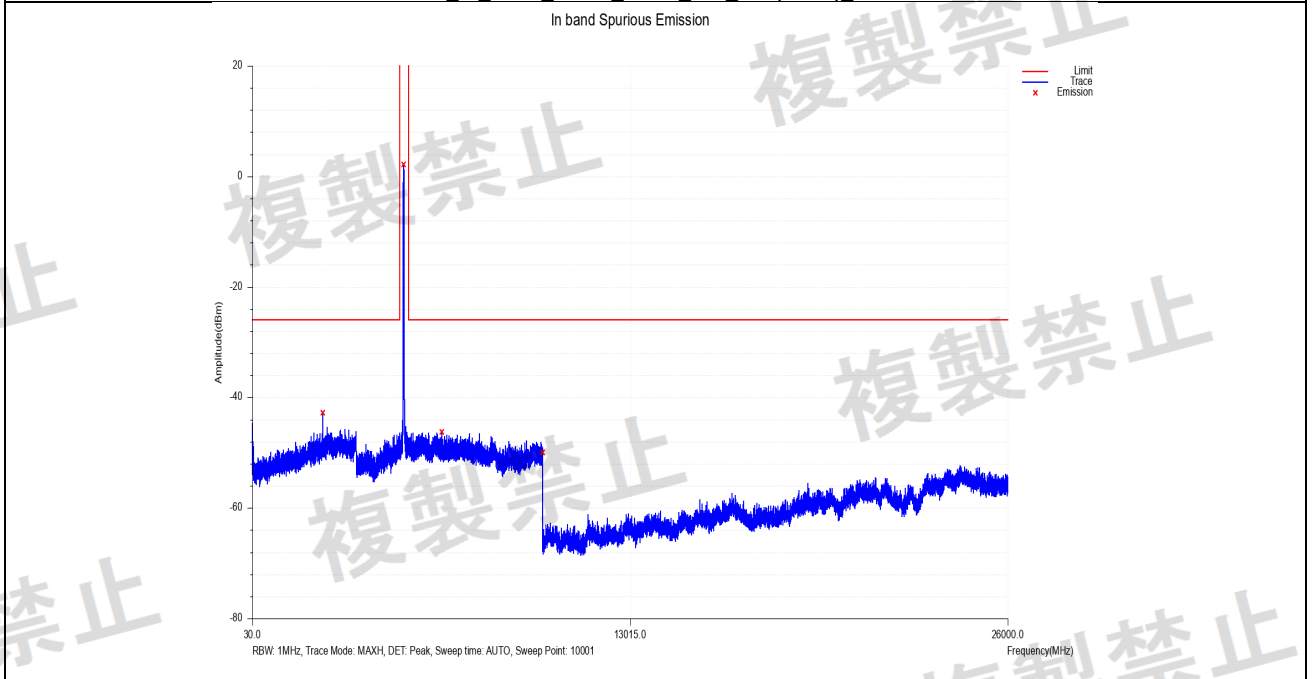
Out of band NVNT_ANT1_802_11n(HT40)_5230



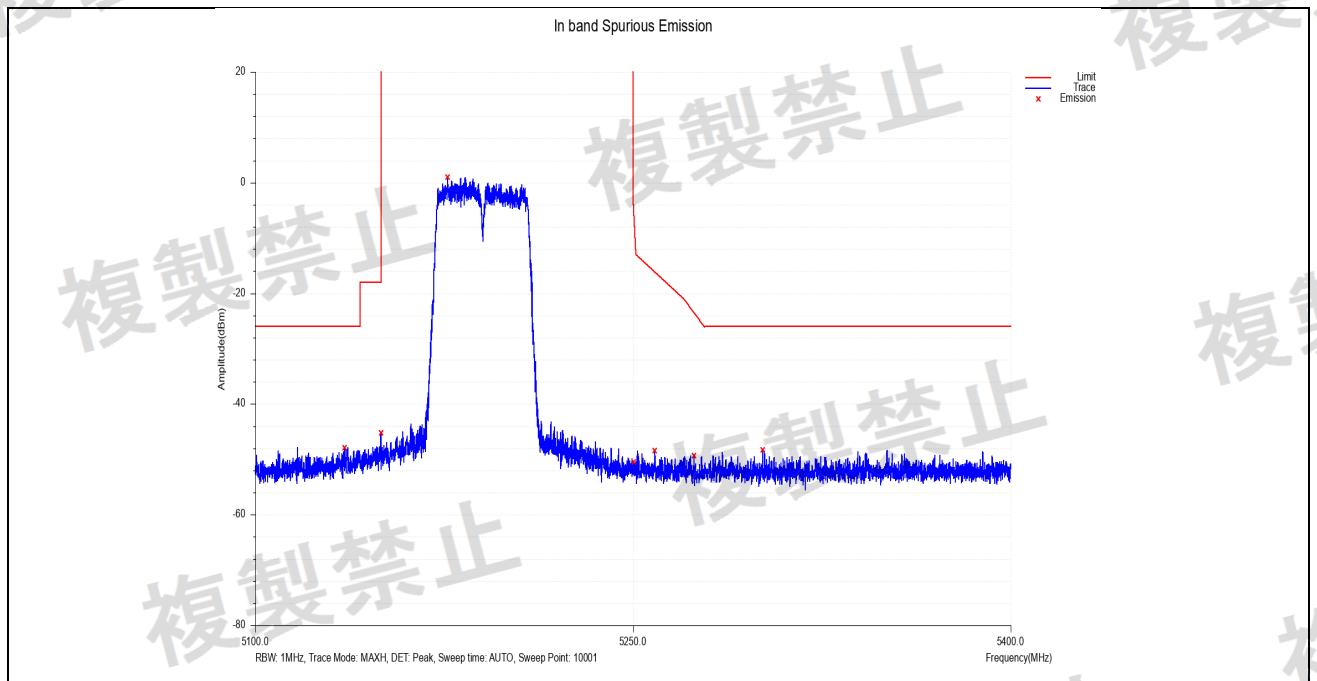
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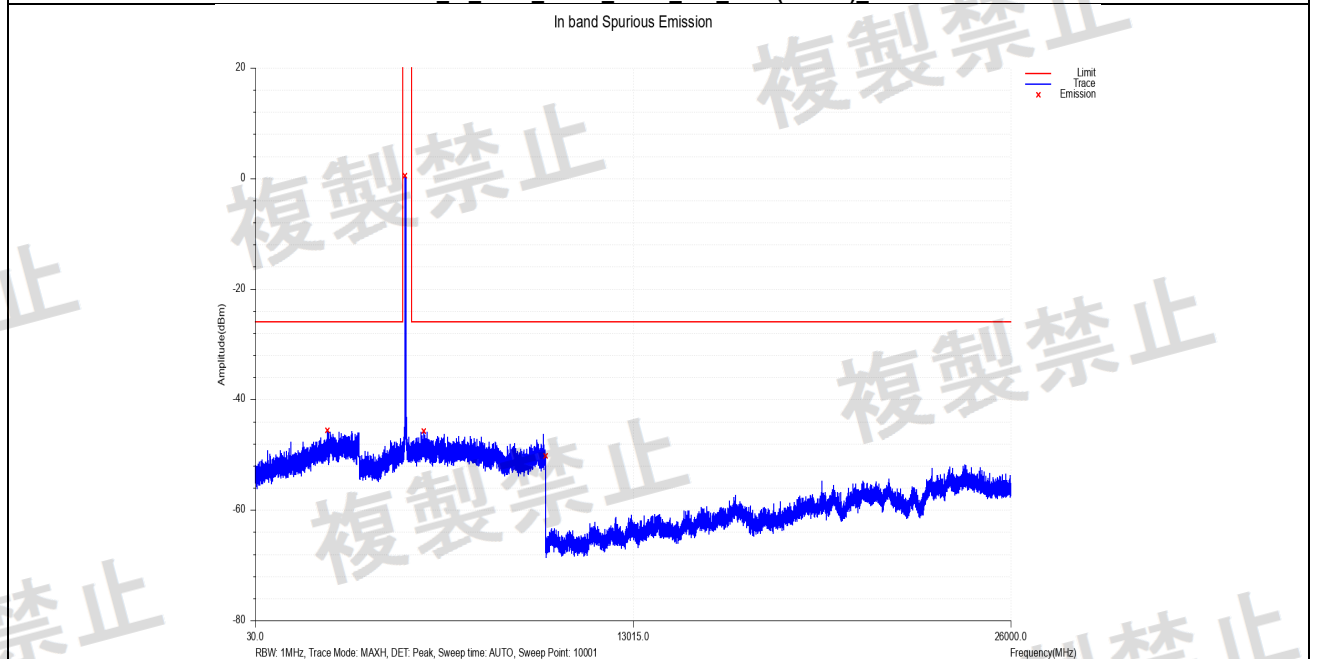
Out of band NVNT ANT2_802_11n(HT40)_5230



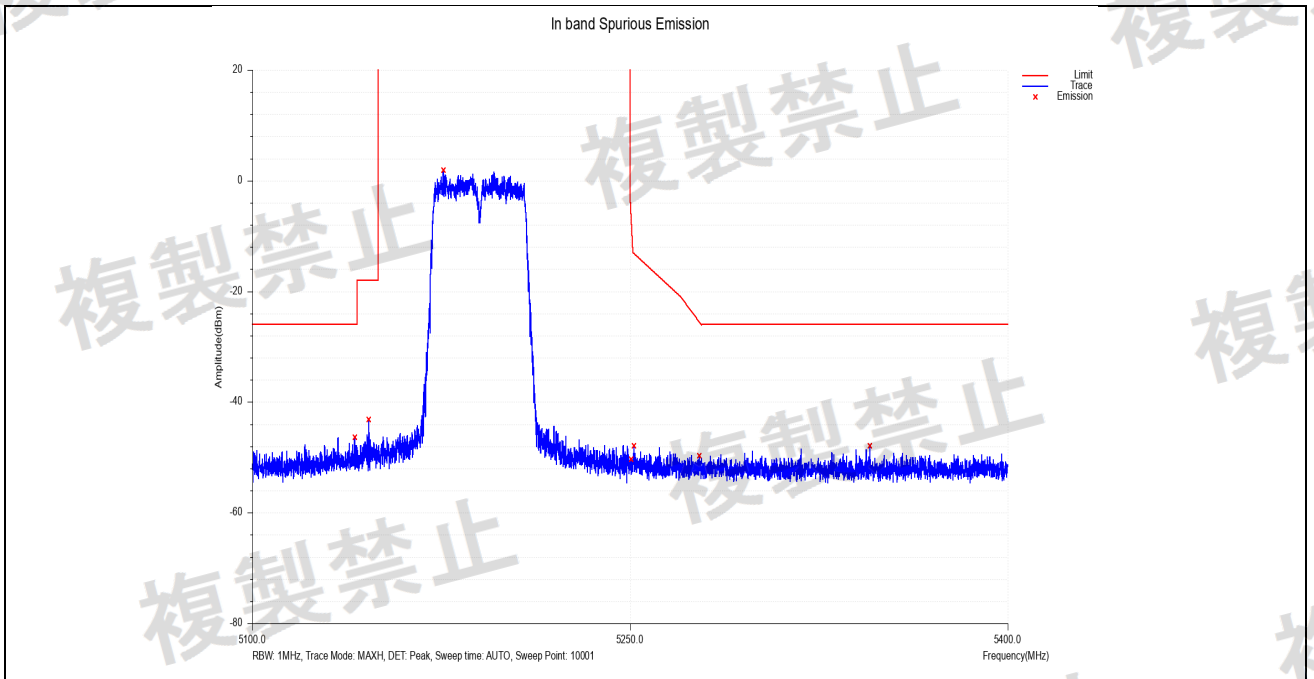
In_band_NVNT_ANT1_802_11ac(VHT40)_5190



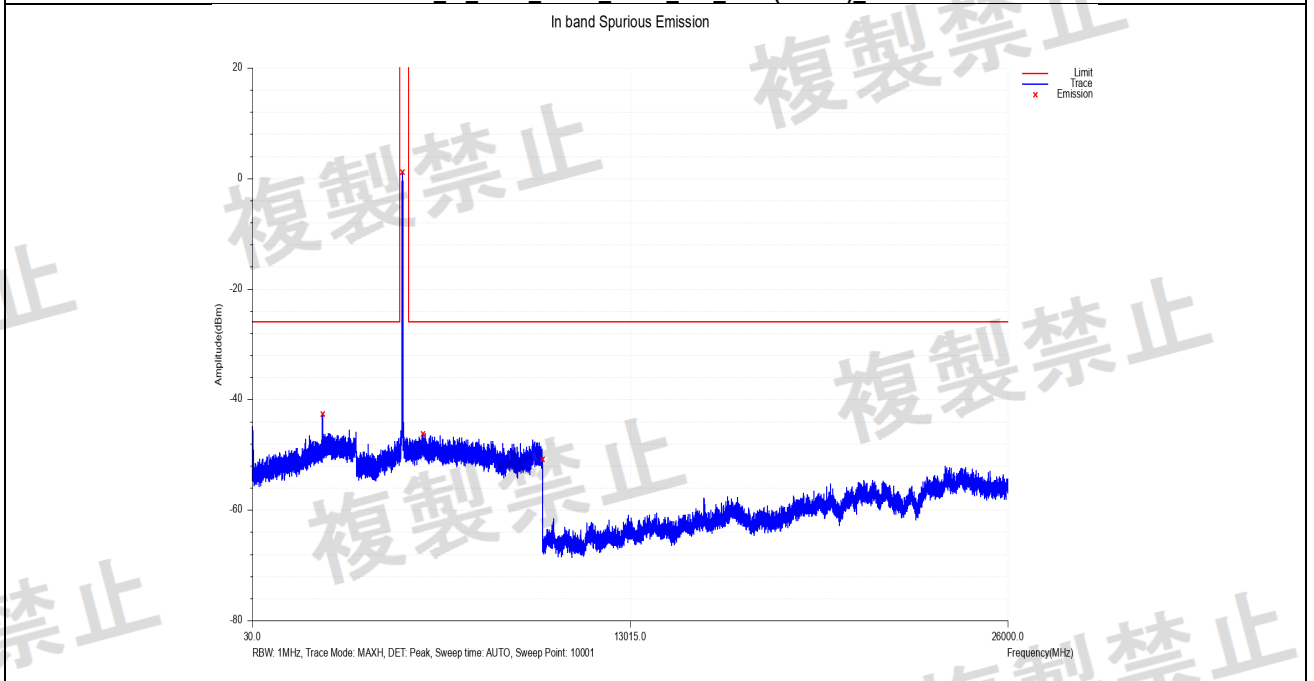
Out_of_band_NVNT_ANT1_802_11ac(VHT40)_5190



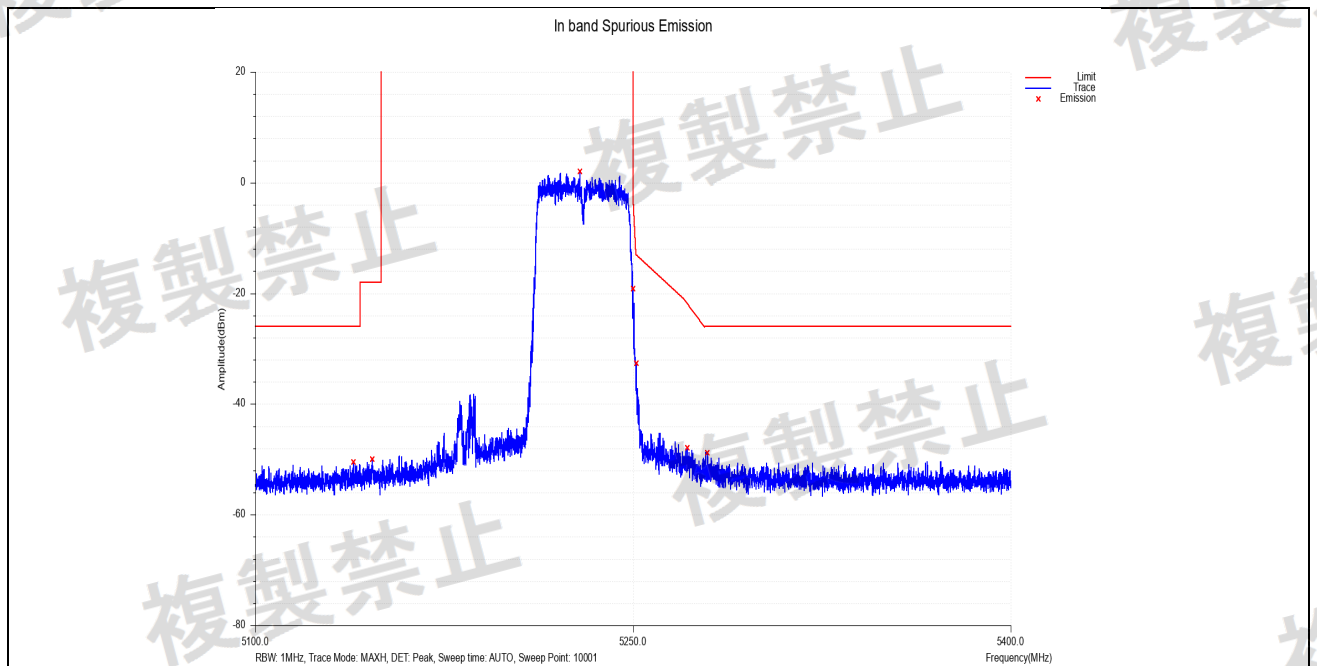
In_band_NVNT_ANT2_802_11ac(VHT40)_5190



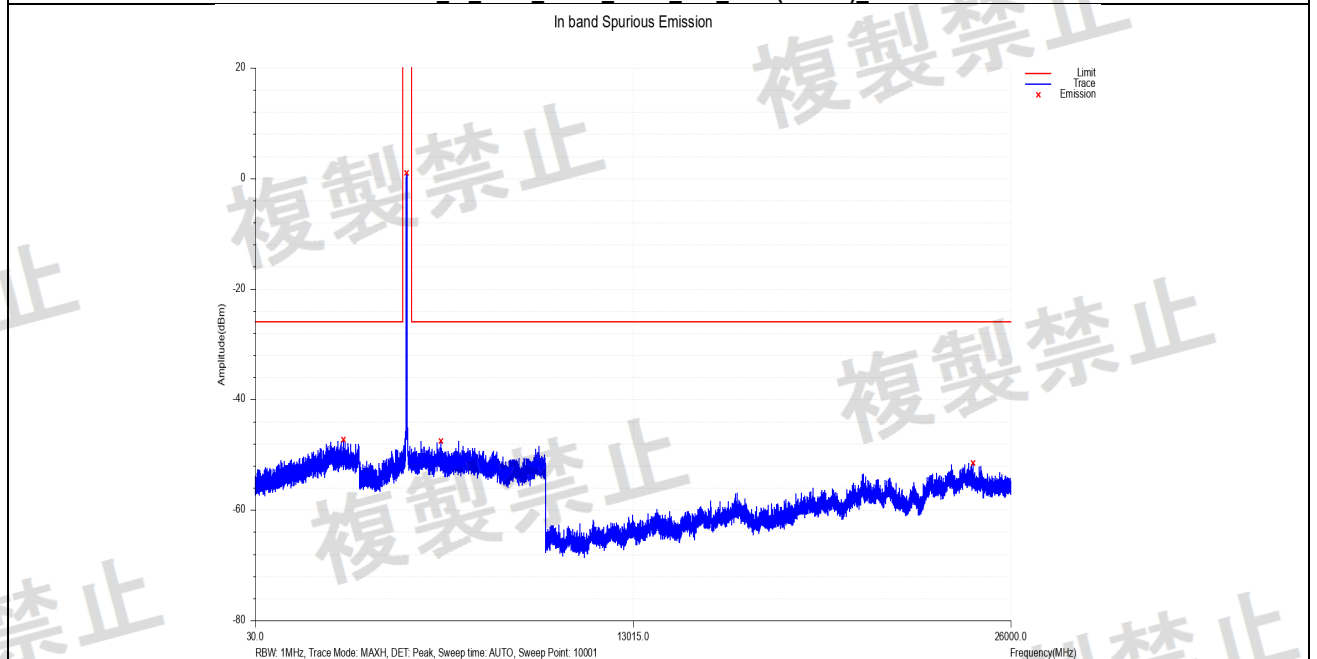
Out_of_band_NVNT_ANT2_802_11ac(VHT40)_5190



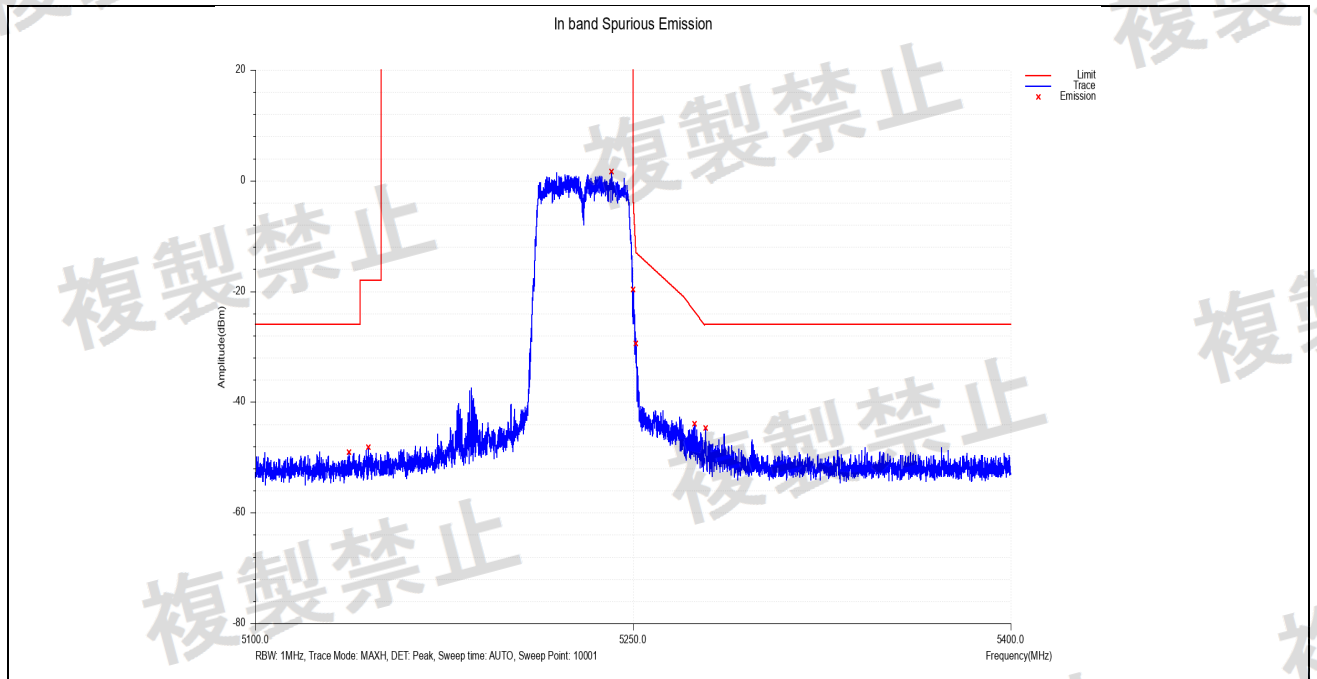
In_band_NVNT_ANT1_802_11ac(VHT40)_5230



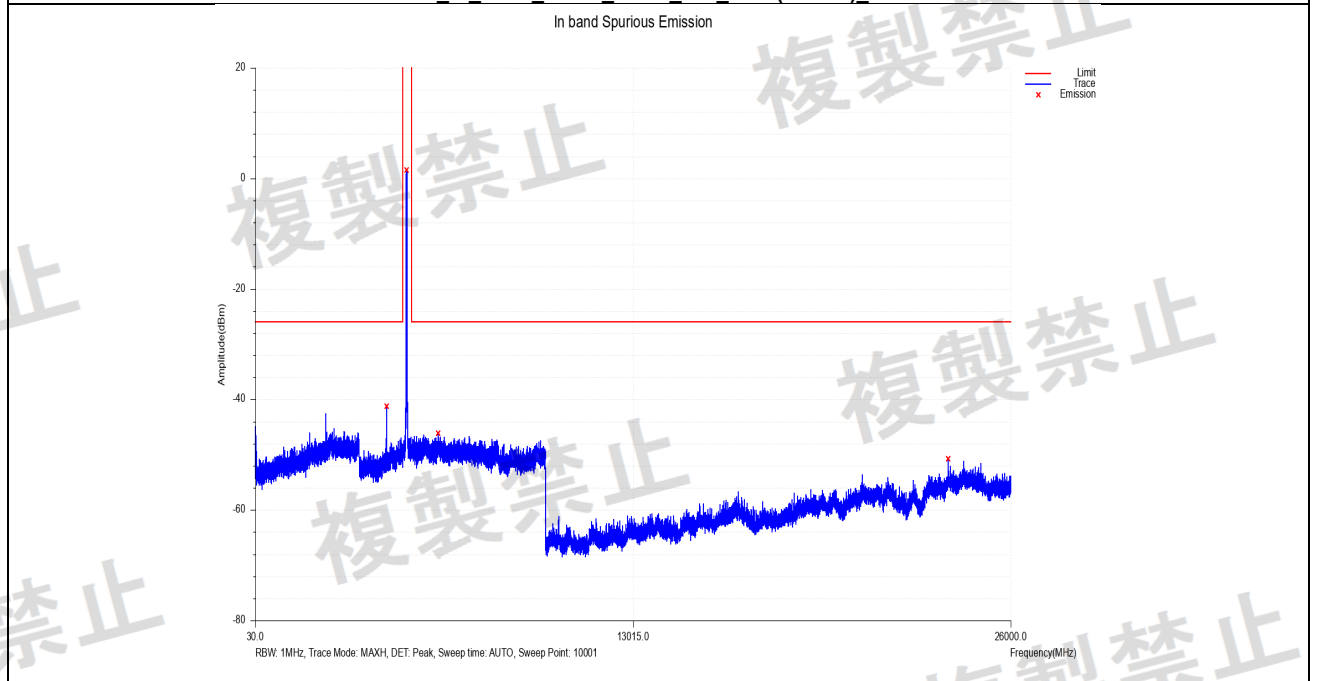
Out_of_band_NVNT_ANT1_802_11ac(VHT40)_5230



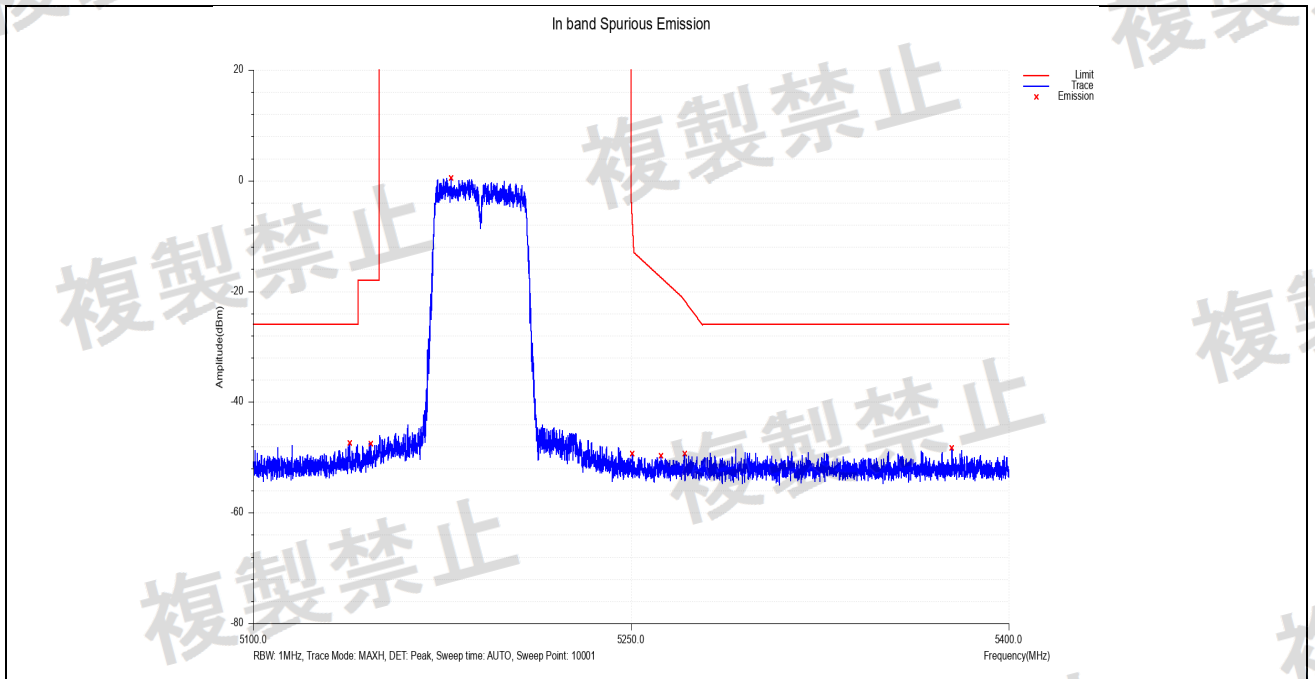
In_band_NVNT_ANT2_802_11ac(VHT40)_5230



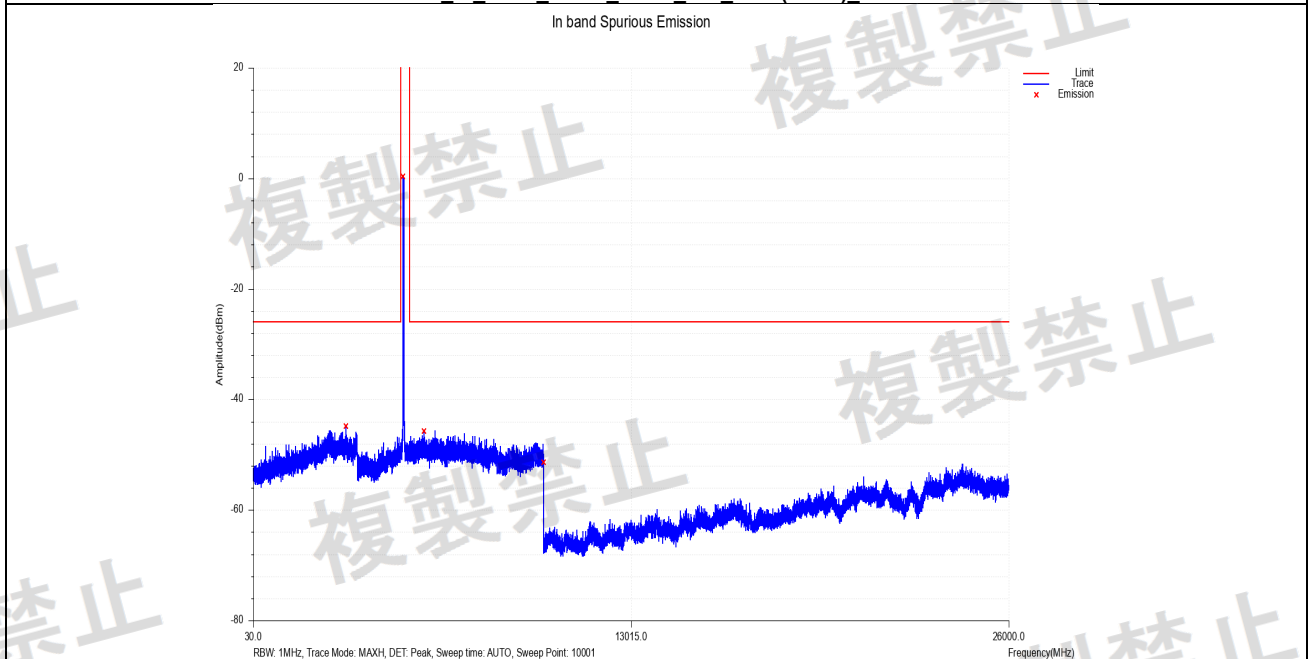
Out_of_band_NVNT_ANT2_802_11ac(VHT40)_5230



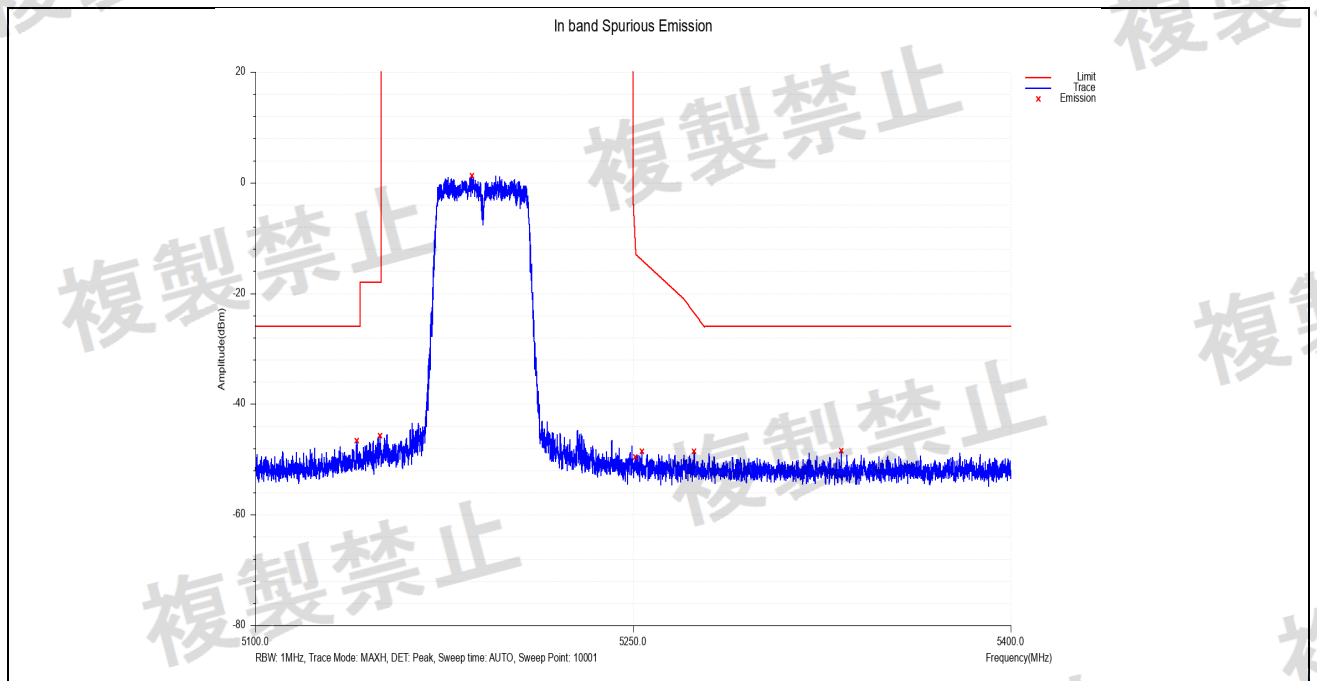
In_band_NVNT_ANT1_802_11ax(HE40)_5190



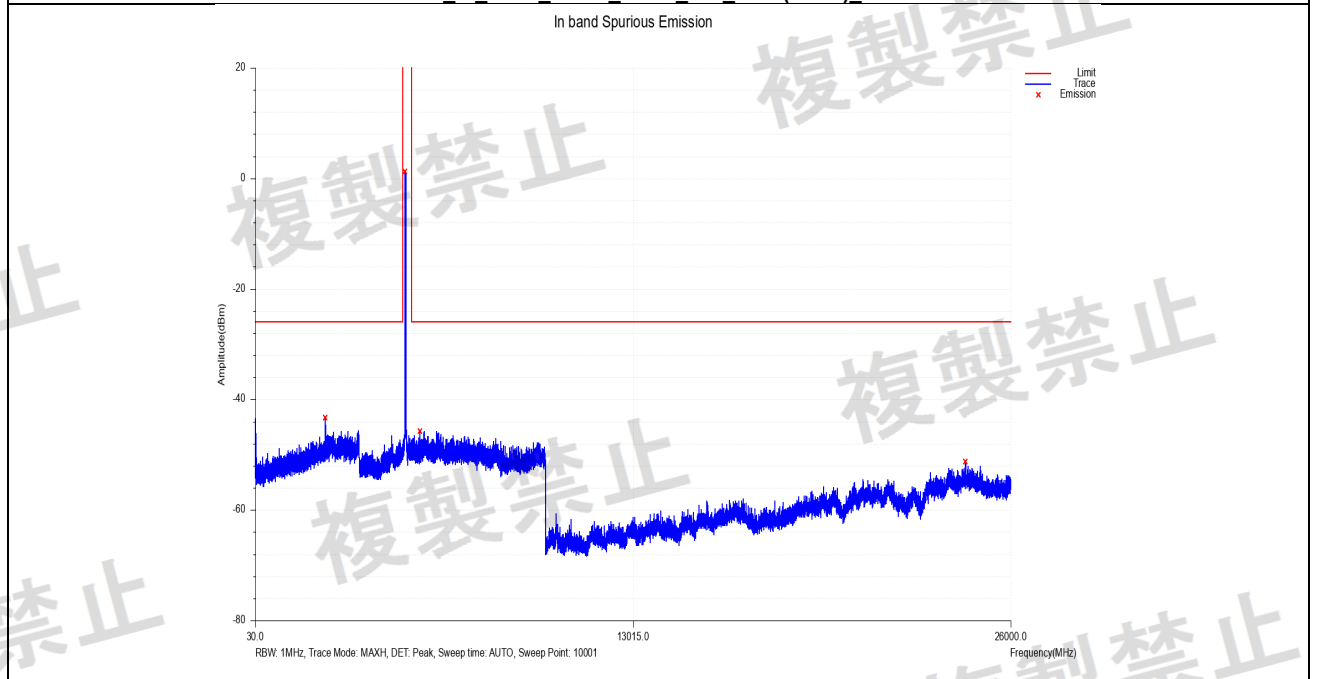
Out of band NVNT ANT1_802_11ax(HE40)_5190



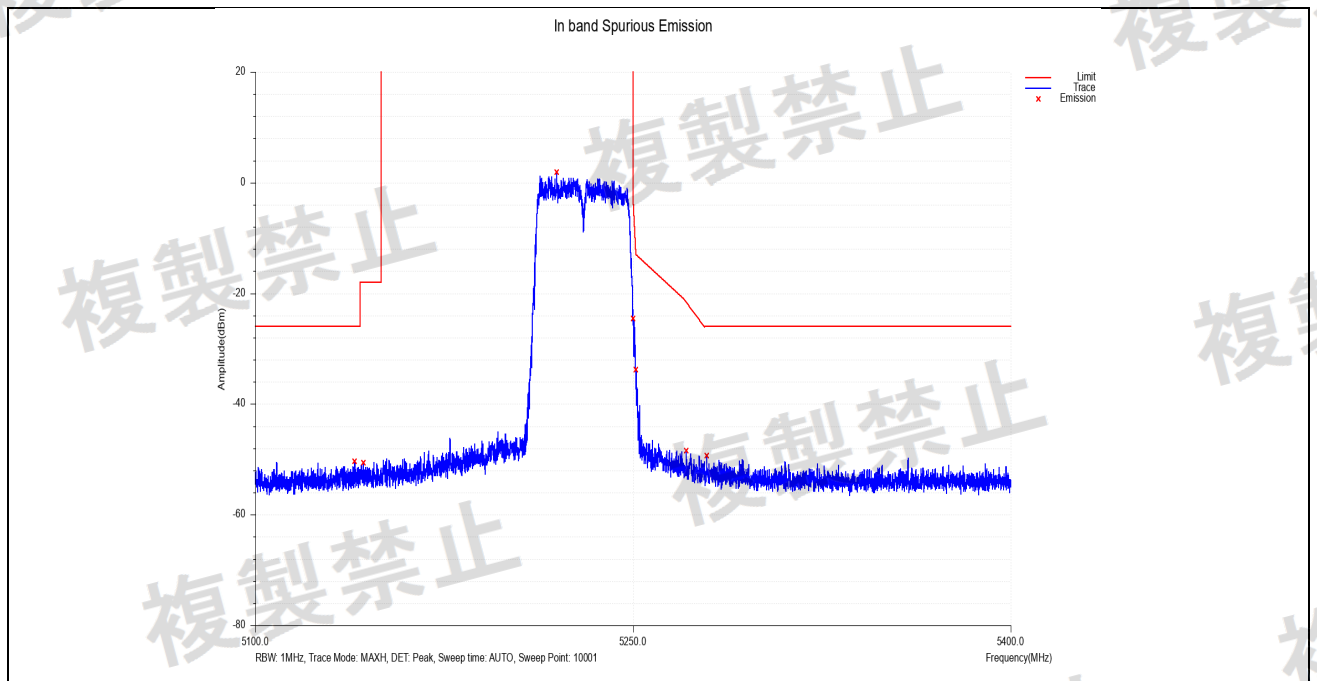
In band NVNT ANT2_802_11ax(HE40)_5190



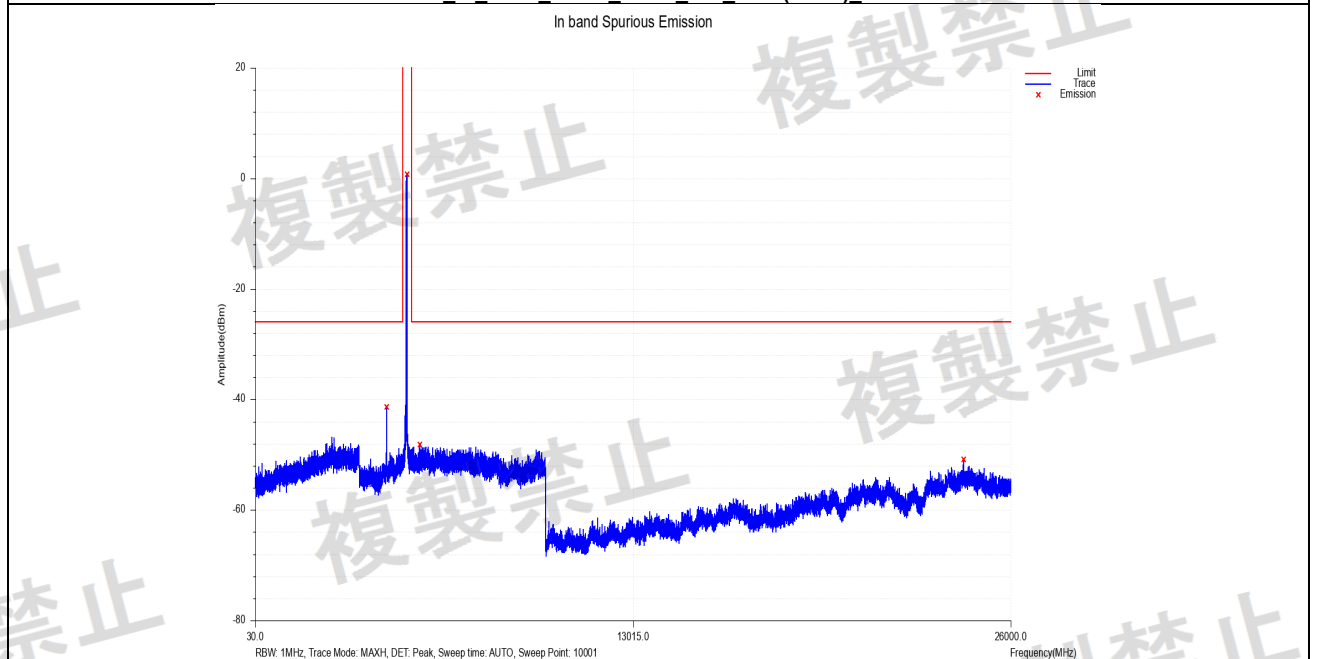
Out of band NVNT_ANT2_802_11ax(HE40)_5190



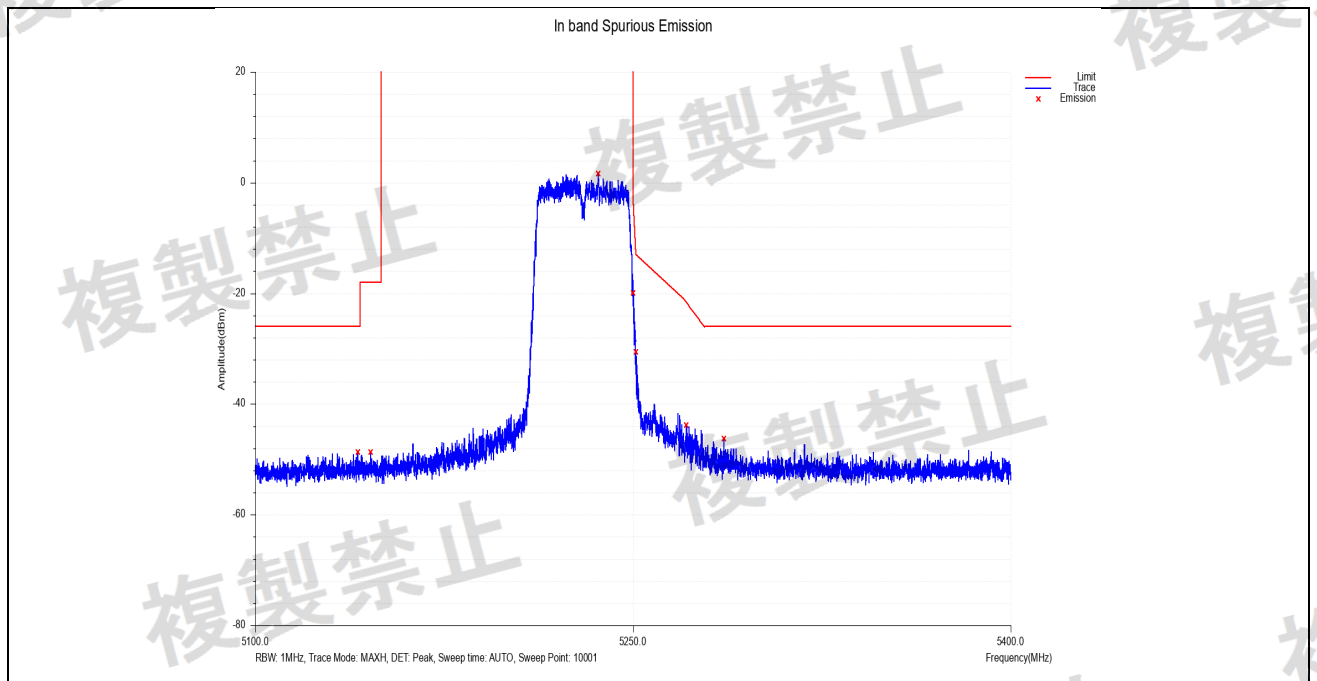
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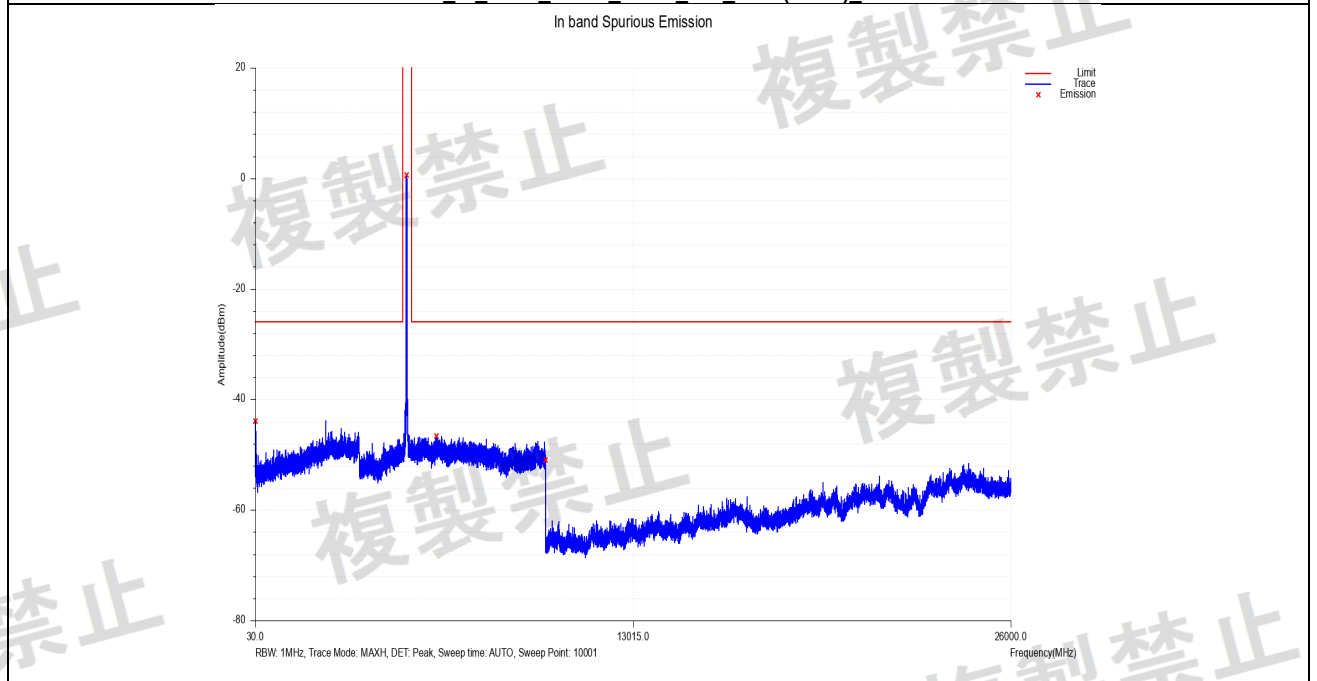
Out_of_band_NVNT_ANT1_802_11ax(HE40)_5230



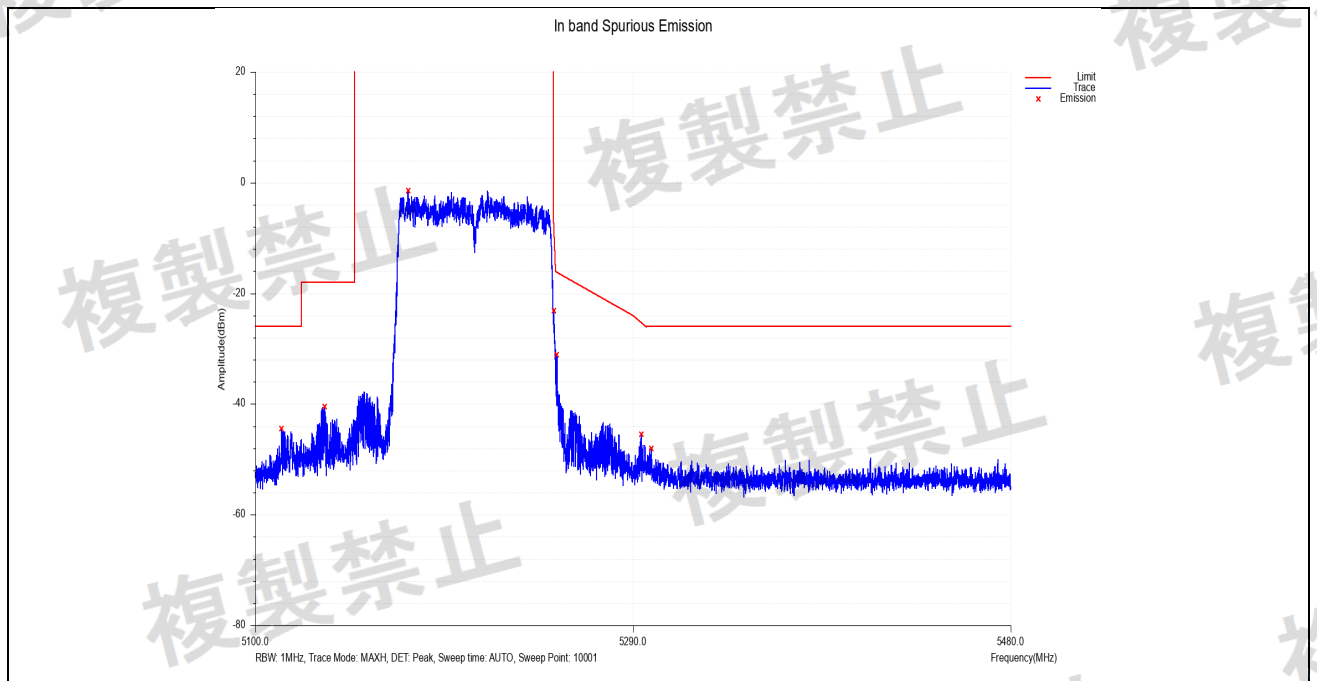
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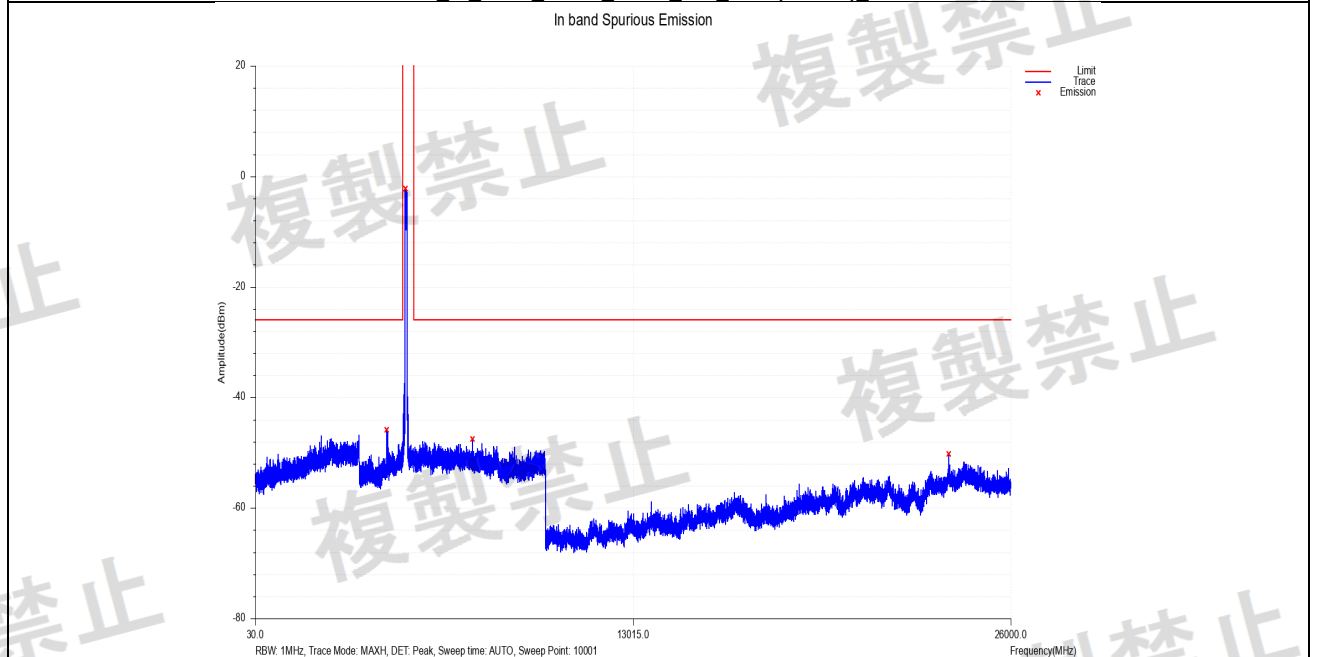
Out_of_band_NVNT_ANT2_802_11ax(HE40)_5230



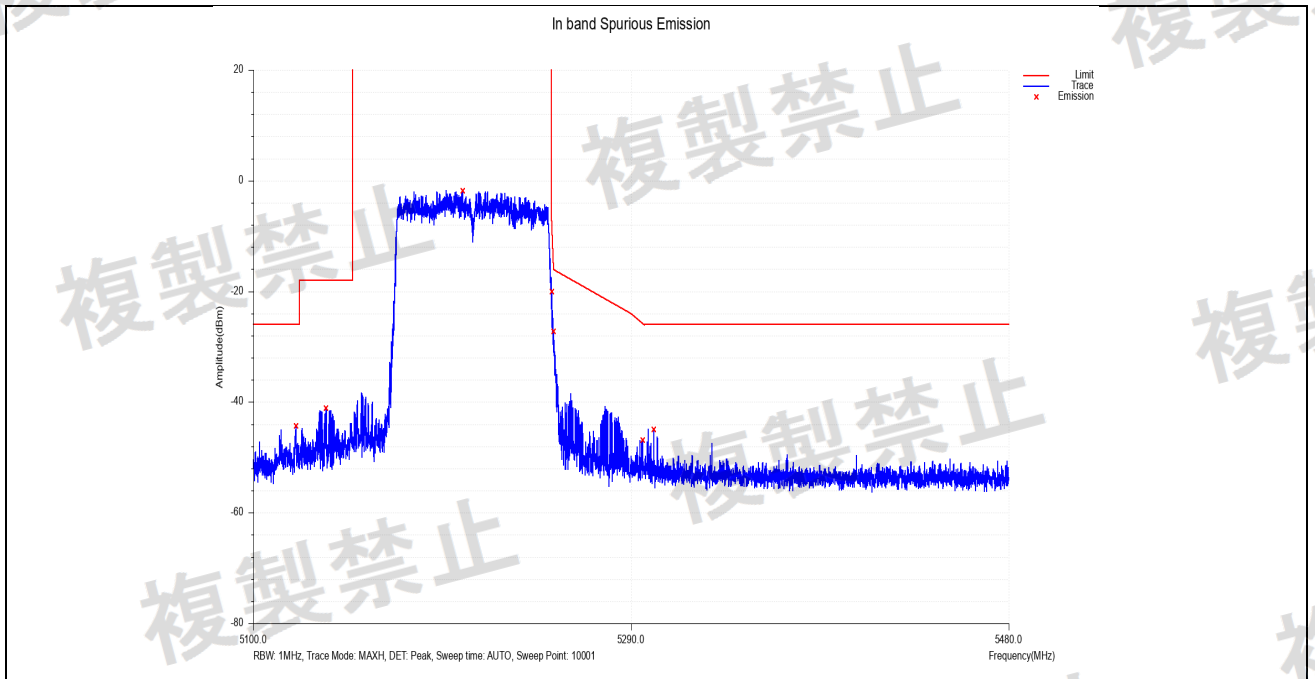
In_band_NVNT_ANT1_802_11ac(VHT80)_5210



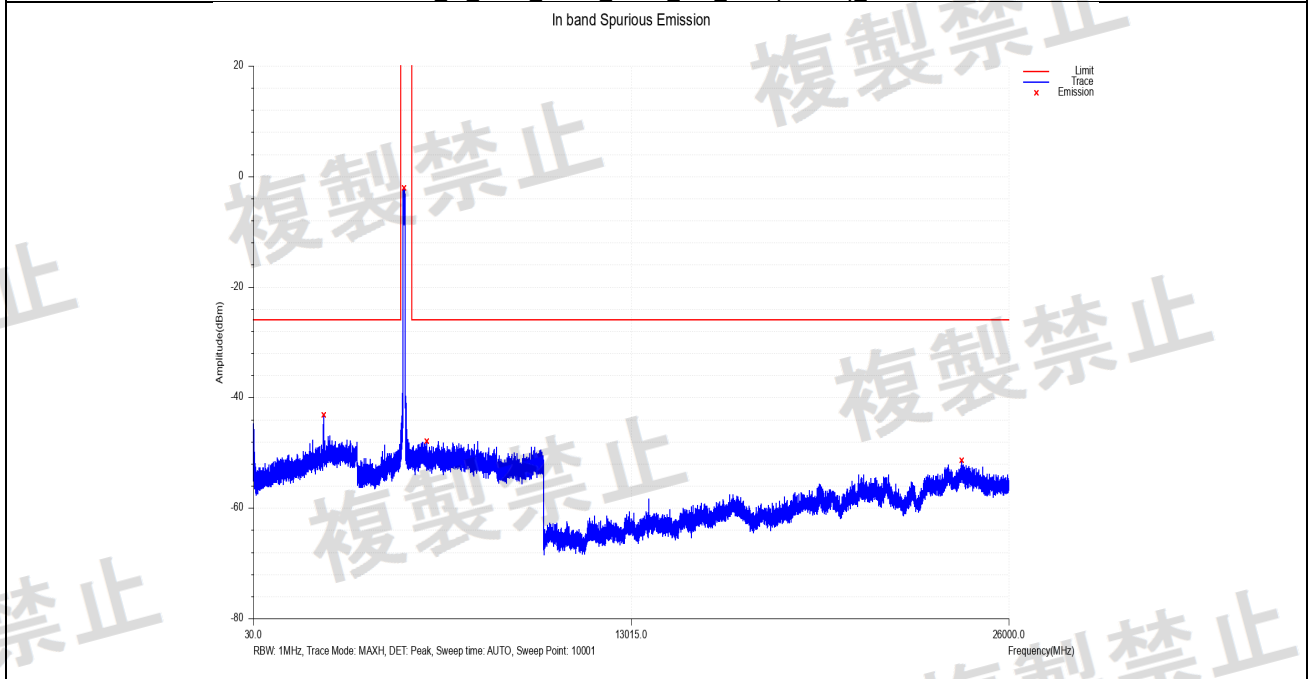
Out_of_band_NVNT_ANT1_802_11ac(VHT80)_5210



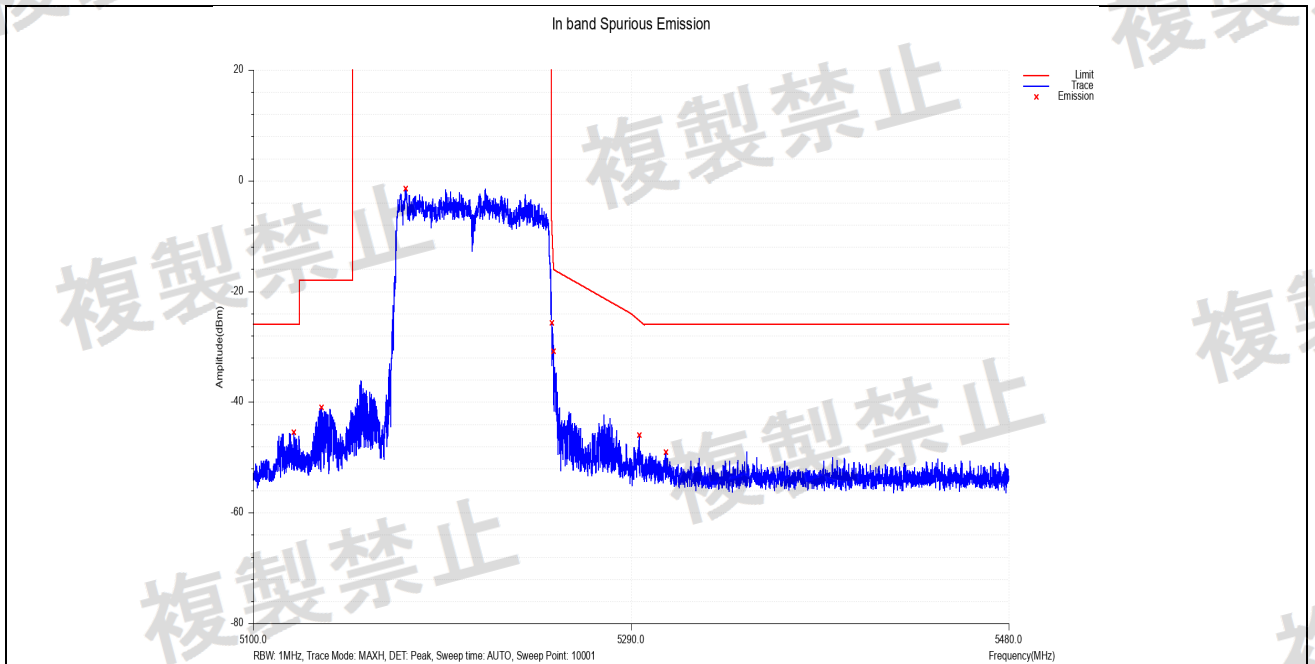
In_band_NVNT_ANT2_802_11ac(VHT80)_5210



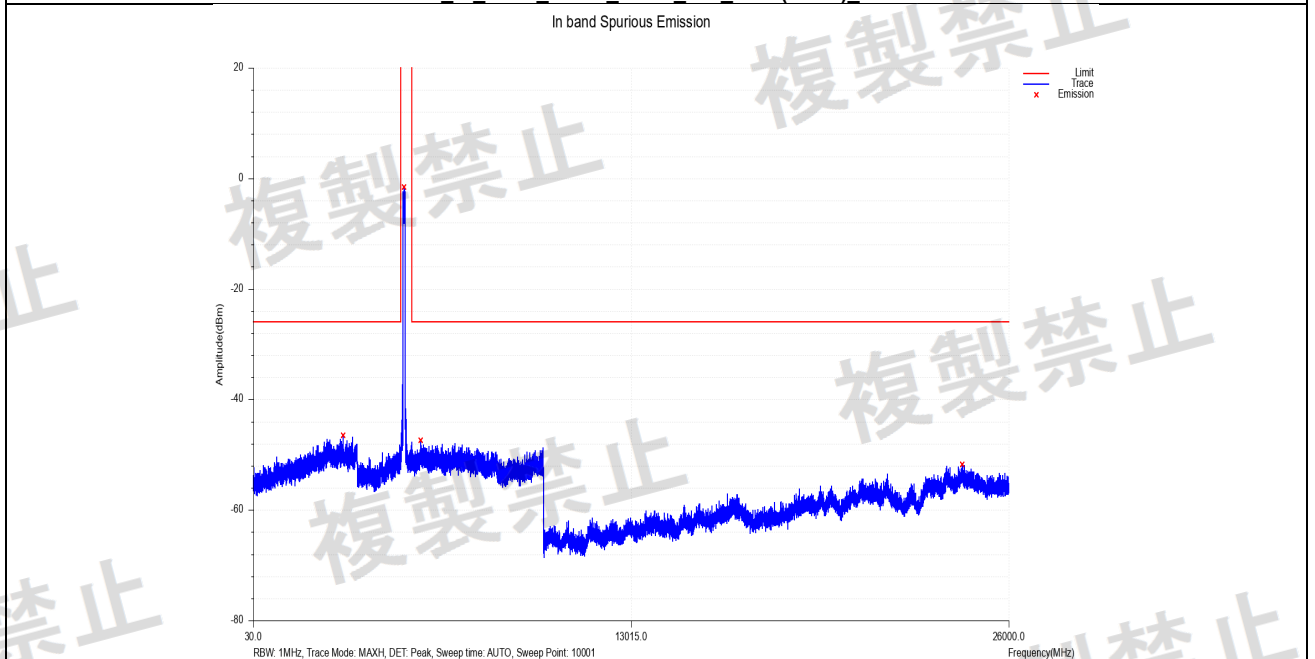
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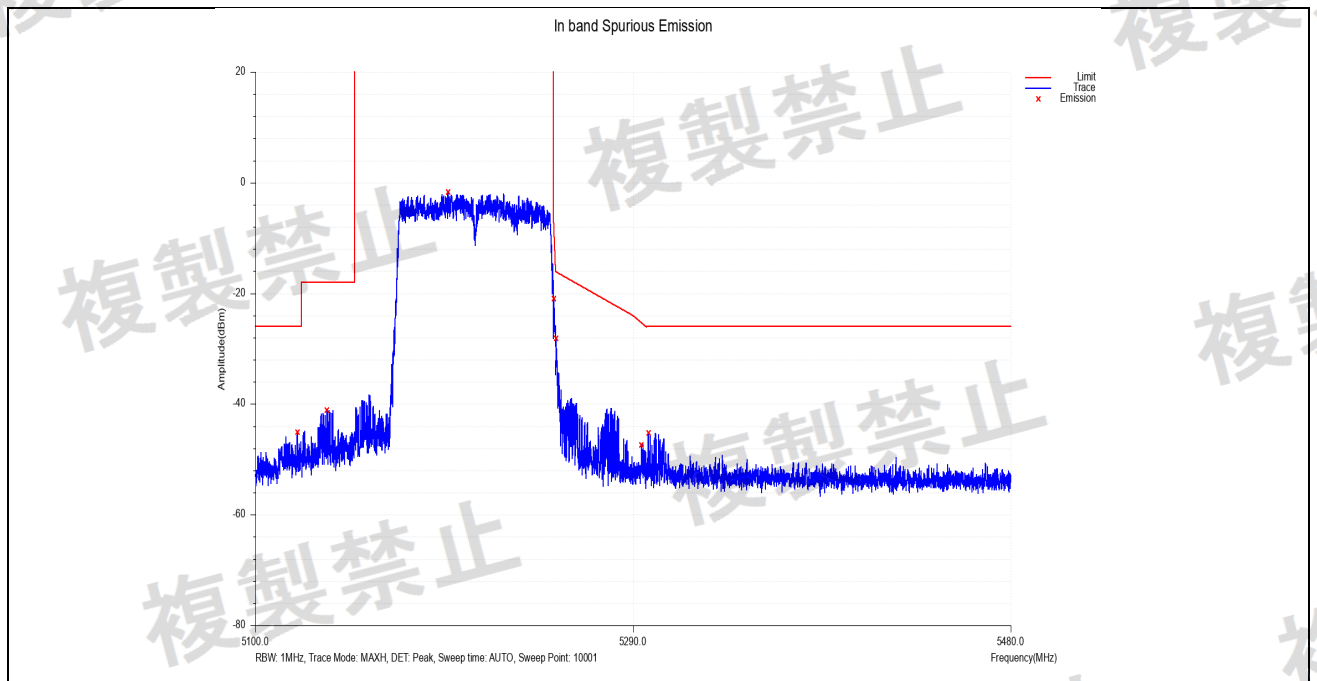
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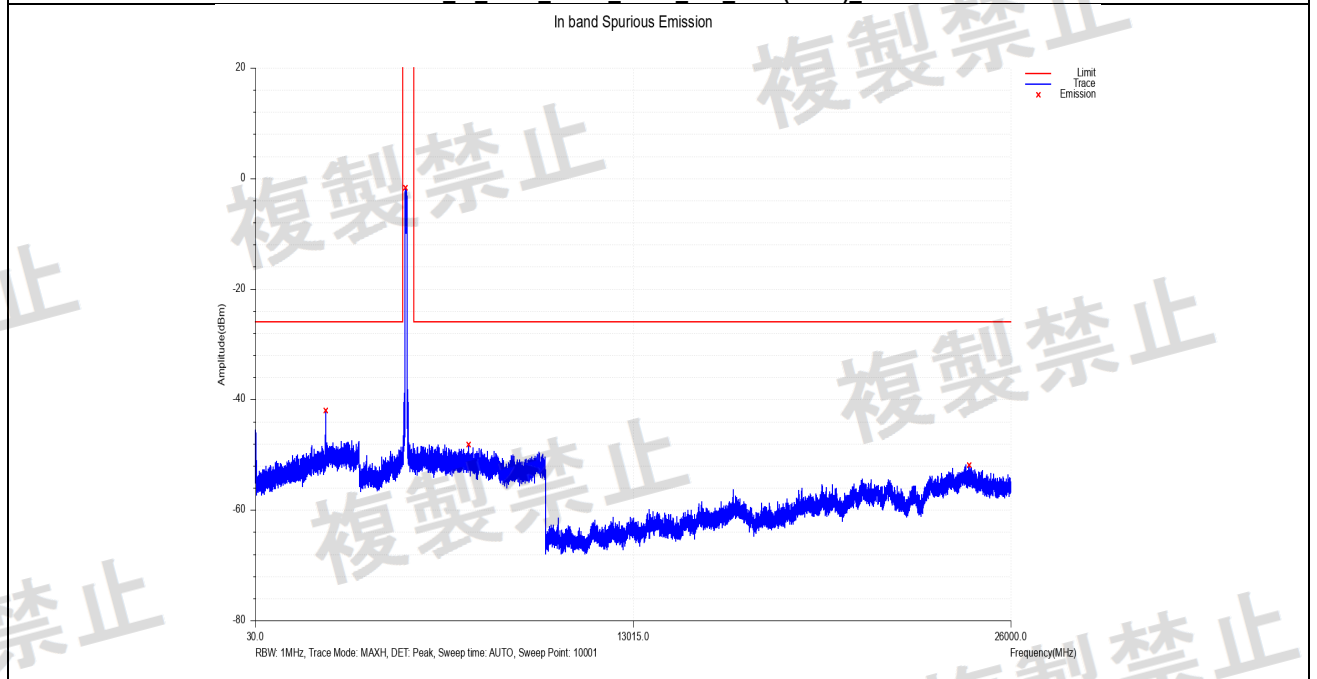
Out_of_band_NVNT_ANT1_802_11ax(HE80)_5210



In_band_NVNT_ANT2_802_11ax(HE80)_5210



Out of band NVNT_ANT2_802_11ax(HE80)_5210



Note: The Antenna Gain is compensated in the graph.

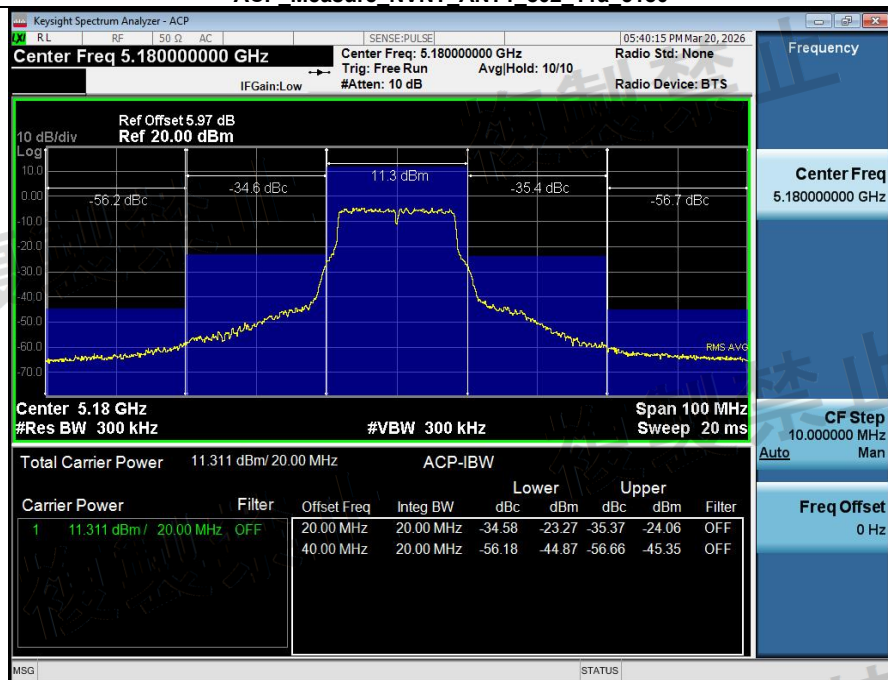
Appendix A.4: Test Results of Adjacent Channel Power

Condition	Antenna	Mode	Frequency(MHz)	Frequency Offset(MHz)	Lower Level(dBc)	Upper Level(dBc)	Limit(dBc)	Result
NVNT	ANT1	802.11a	5180.00	20MHz	-34.58	-35.37	-25	Pass
NVNT	ANT1	802.11a	5180.00	40MHz	-56.18	-56.66	-40	Pass
NVNT	ANT2	802.11a	5180.00	20MHz	-35.19	-36.74	-25	Pass
NVNT	ANT2	802.11a	5180.00	40MHz	-56.42	-57.39	-40	Pass
NVNT	ANT1	802.11a	5200.00	20MHz	-35.04	-35.98	-25	Pass
NVNT	ANT1	802.11a	5200.00	40MHz	-55.55	-56.29	-40	Pass
NVNT	ANT2	802.11a	5200.00	20MHz	-35.12	-36.90	-25	Pass
NVNT	ANT2	802.11a	5200.00	40MHz	-56.42	-57.81	-40	Pass
NVNT	ANT1	802.11a	5240.00	20MHz	-34.16	-34.76	-25	Pass
NVNT	ANT1	802.11a	5240.00	40MHz	-56.84	-58.08	-40	Pass
NVNT	ANT2	802.11a	5240.00	20MHz	-34.16	-34.87	-25	Pass
NVNT	ANT2	802.11a	5240.00	40MHz	-57.59	-56.89	-40	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	20MHz	-33.44	-34.57	-25	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	40MHz	-57.89	-57.34	-40	Pass
NVNT	ANT2	802.11n(HT20)	5180.00	20MHz	-33.78	-34.99	-25	Pass
NVNT	ANT2	802.11n(HT20)	5180.00	40MHz	-55.99	-57.69	-40	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	20MHz	-33.39	-34.60	-25	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	40MHz	-56.25	-56.39	-40	Pass
NVNT	ANT2	802.11n(HT20)	5200.00	20MHz	-33.54	-34.61	-25	Pass
NVNT	ANT2	802.11n(HT20)	5200.00	40MHz	-55.67	-57.52	-40	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	20MHz	-33.83	-35.09	-25	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	40MHz	-56.31	-57.79	-40	Pass
NVNT	ANT2	802.11n(HT20)	5240.00	20MHz	-33.80	-35.17	-25	Pass
NVNT	ANT2	802.11n(HT20)	5240.00	40MHz	-56.68	-57.24	-40	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	20MHz	-34.35	-34.18	-25	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	40MHz	-56.16	-56.78	-40	Pass
NVNT	ANT2	802.11ac(VHT20)	5180.00	20MHz	-34.31	-35.23	-25	Pass
NVNT	ANT2	802.11ac(VHT20)	5180.00	40MHz	-55.93	-58.03	-40	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	20MHz	-34.46	-34.57	-25	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	40MHz	-53.22	-54.98	-40	Pass
NVNT	ANT2	802.11ac(VHT20)	5200.00	20MHz	-34.82	-34.88	-25	Pass
NVNT	ANT2	802.11ac(VHT20)	5200.00	40MHz	-56.99	-57.85	-40	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	20MHz	-34.13	-35.59	-25	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	40MHz	-56.65	-57.87	-40	Pass
NVNT	ANT2	802.11ac(VHT20)	5240.00	20MHz	-34.28	-35.13	-25	Pass
NVNT	ANT2	802.11ac(VHT20)	5240.00	40MHz	-57.36	-56.76	-40	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	20MHz	-34.17	-35.20	-25	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	40MHz	-56.20	-56.99	-40	Pass
NVNT	ANT2	802.11ax(HE20)	5180.00	20MHz	-33.98	-35.40	-25	Pass
NVNT	ANT2	802.11ax(HE20)	5180.00	40MHz	-56.09	-56.90	-40	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	20MHz	-33.90	-34.31	-25	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	40MHz	-49.76	-51.62	-40	Pass
NVNT	ANT2	802.11ax(HE20)	5200.00	20MHz	-34.52	-34.60	-25	Pass
NVNT	ANT2	802.11ax(HE20)	5200.00	40MHz	-56.49	-57.35	-40	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	20MHz	-34.47	-34.96	-25	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	40MHz	-56.15	-57.31	-40	Pass
NVNT	ANT2	802.11ax(HE20)	5240.00	20MHz	-34.53	-34.95	-25	Pass
NVNT	ANT2	802.11ax(HE20)	5240.00	40MHz	-57.35	-56.49	-40	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	40MHz	-40.00	-41.85	-25	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	80MHz	-55.48	-57.39	-40	Pass
NVNT	ANT2	802.11n(HT40)	5190.00	40MHz	-40.42	-40.46	-25	Pass
NVNT	ANT2	802.11n(HT40)	5190.00	80MHz	-55.00	-55.76	-40	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	40MHz	-40.42	-42.05	-25	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	80MHz	-55.12	-57.54	-40	Pass
NVNT	ANT2	802.11n(HT40)	5230.00	40MHz	-40.66	-39.37	-25	Pass
NVNT	ANT2	802.11n(HT40)	5230.00	80MHz	-55.31	-55.64	-40	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	40MHz	-44.77	-45.93	-25	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	80MHz	-55.57	-57.50	-40	Pass
NVNT	ANT2	802.11ac(VHT40)	5190.00	40MHz	-44.56	-45.63	-25	Pass
NVNT	ANT2	802.11ac(VHT40)	5190.00	80MHz	-55.26	-55.85	-40	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	40MHz	-45.48	-46.56	-25	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	80MHz	-55.28	-57.80	-40	Pass
NVNT	ANT2	802.11ac(VHT40)	5230.00	40MHz	-44.15	-43.36	-25	Pass
NVNT	ANT2	802.11ac(VHT40)	5230.00	80MHz	-55.34	-55.53	-40	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	40MHz	-44.94	-45.68	-25	Pass

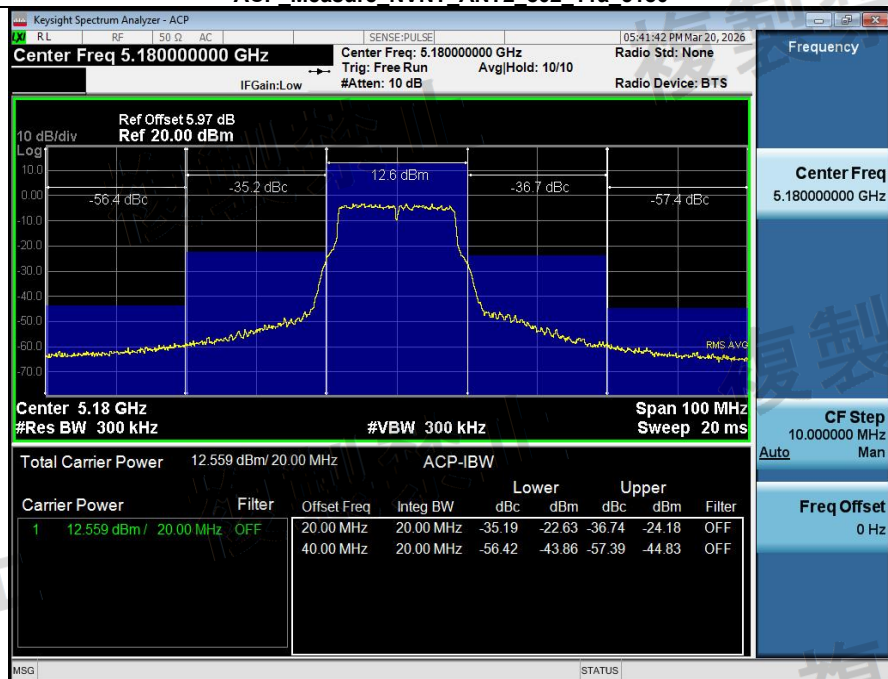


NVNT	ANT1	802.11ax(HE40)	5190.00	80MHz	-55.79	-57.74	-40	Pass
NVNT	ANT2	802.11ax(HE40)	5190.00	40MHz	-44.68	-45.58	-25	Pass
NVNT	ANT2	802.11ax(HE40)	5190.00	80MHz	-55.37	-55.87	-40	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	40MHz	-45.45	-47.07	-25	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	80MHz	-55.37	-57.70	-40	Pass
NVNT	ANT2	802.11ax(HE40)	5230.00	40MHz	-43.91	-43.03	-25	Pass
NVNT	ANT2	802.11ax(HE40)	5230.00	80MHz	-55.81	-56.12	-40	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	80MHz	-42.24	-44.71	-25	Pass
NVNT	ANT2	802.11ac(VHT80)	5210.00	80MHz	-42.82	-43.59	-25	Pass
NVNT	ANT1	802.11ax(HE80)	5210.00	80MHz	-42.30	-44.60	-25	Pass
NVNT	ANT2	802.11ax(HE80)	5210.00	80MHz	-42.54	-43.60	-25	Pass

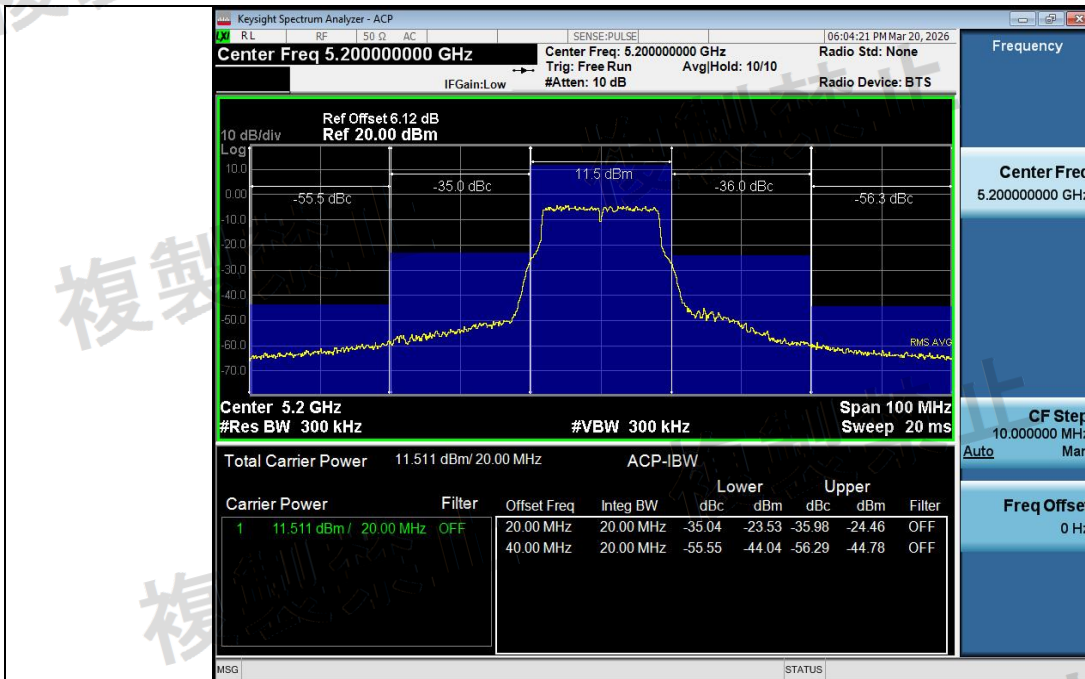
ACP Measure NVNT ANT1 802 11a 5180



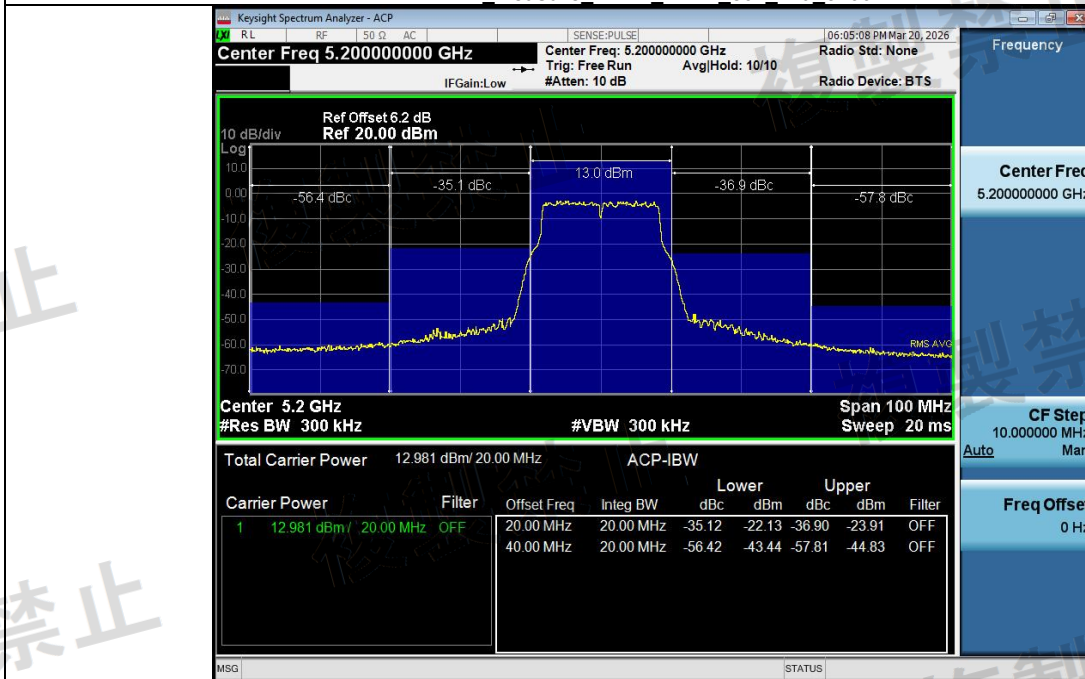
ACP Measure NVNT ANT2 802 11a 5180



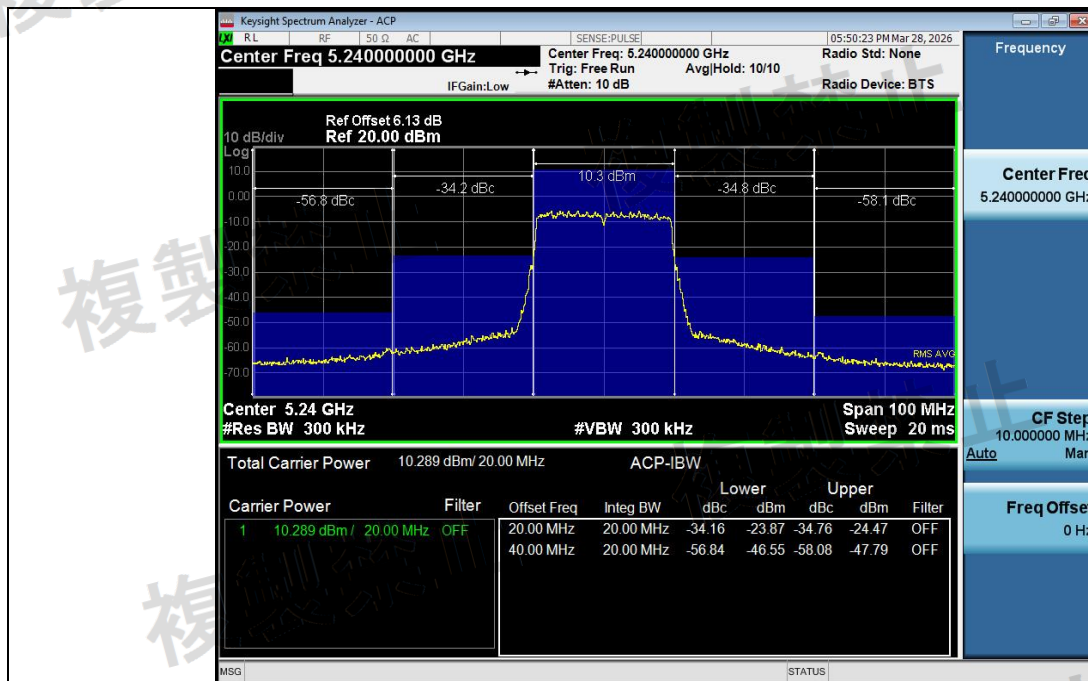
ACP Measure NVNT ANT1 802 11a 5200



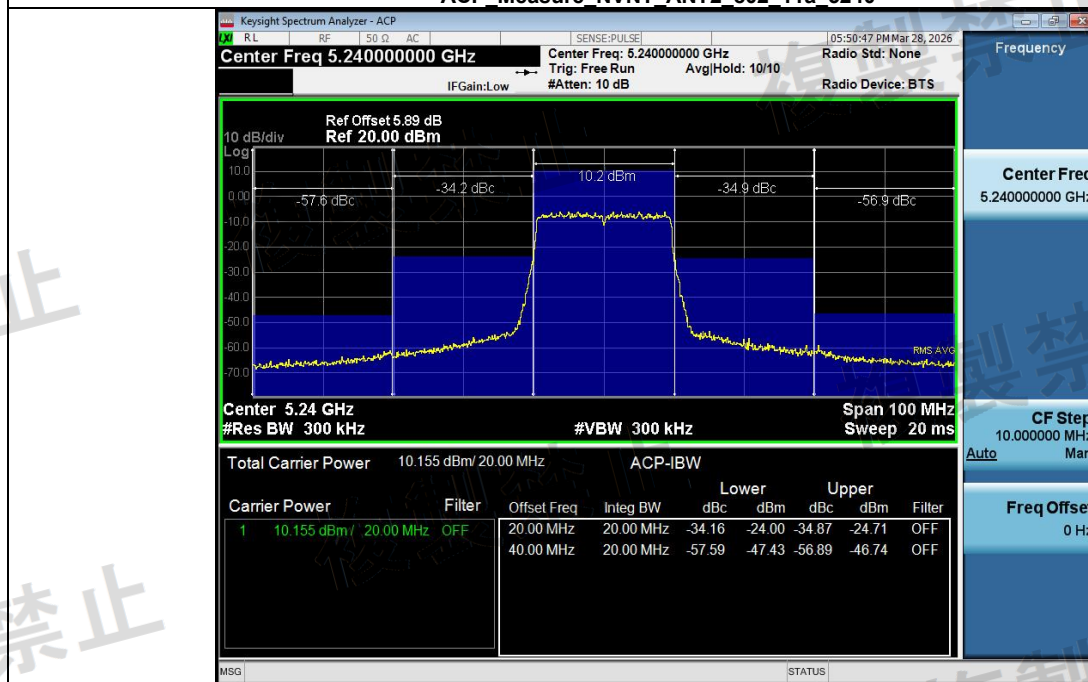
ACP Measure NVNT ANT2 802 11a 5200



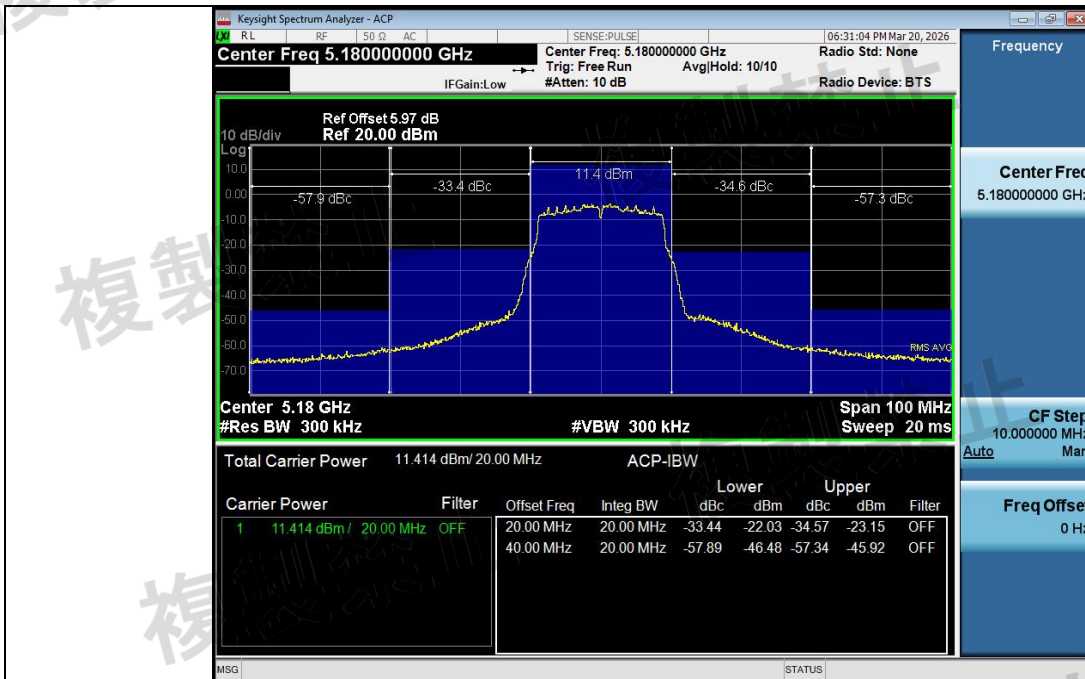
ACP Measure NVNT ANT1 802 11a 5240



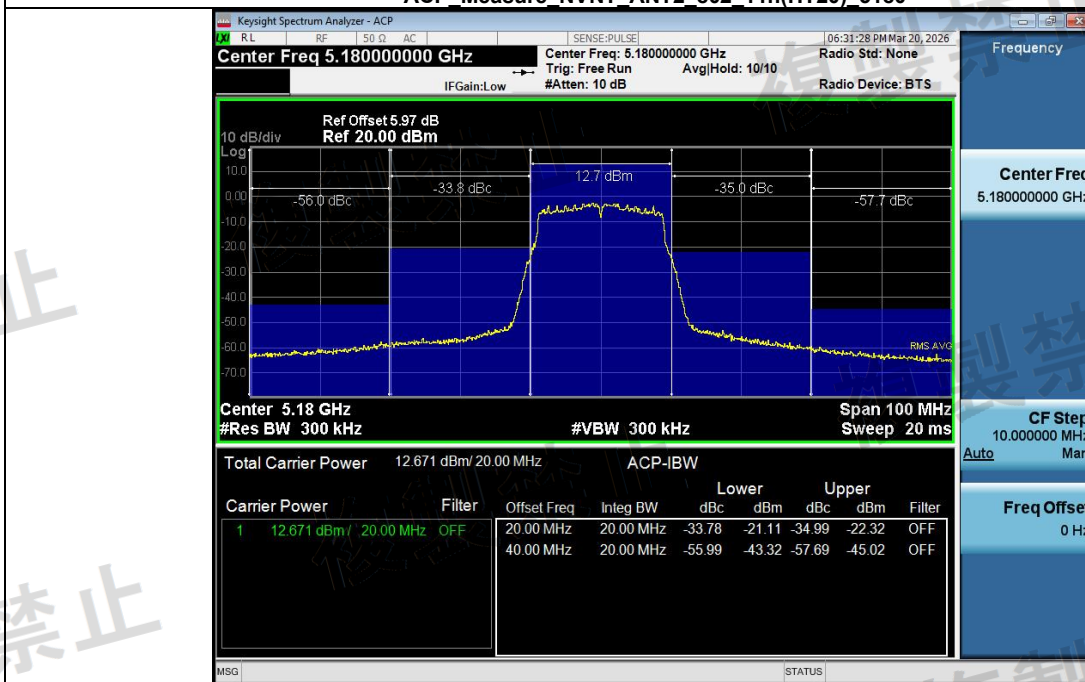
ACP_Measure_NVNT_ANT2_802_11a_5240



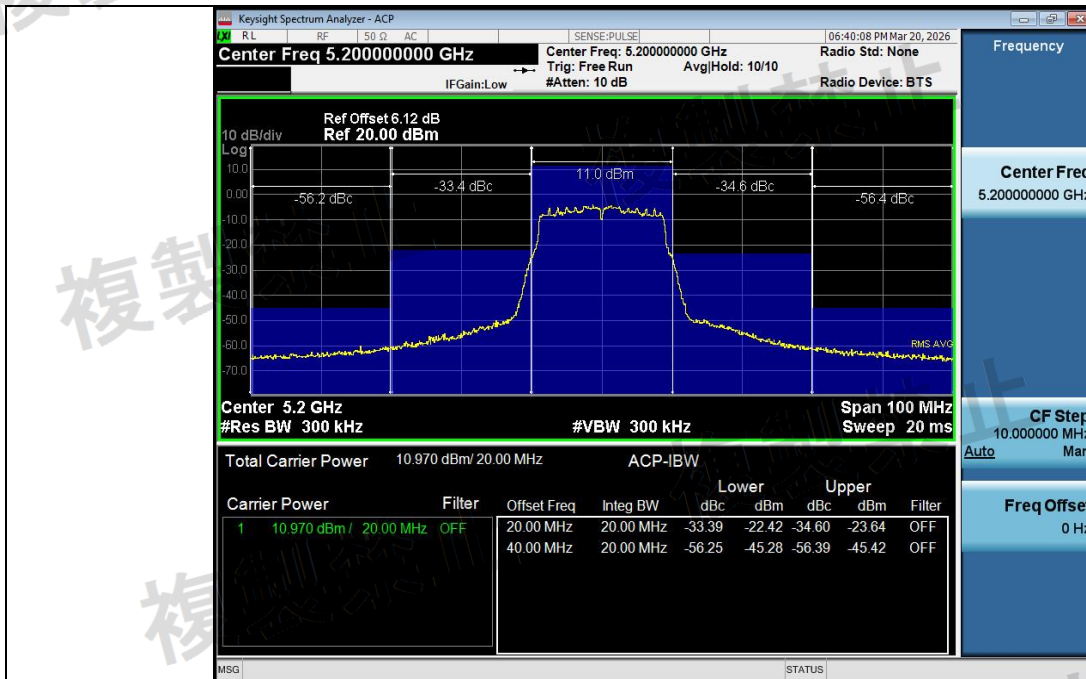
ACP_Measure_NVNT_ANT1_802_11n(HT20)_5180



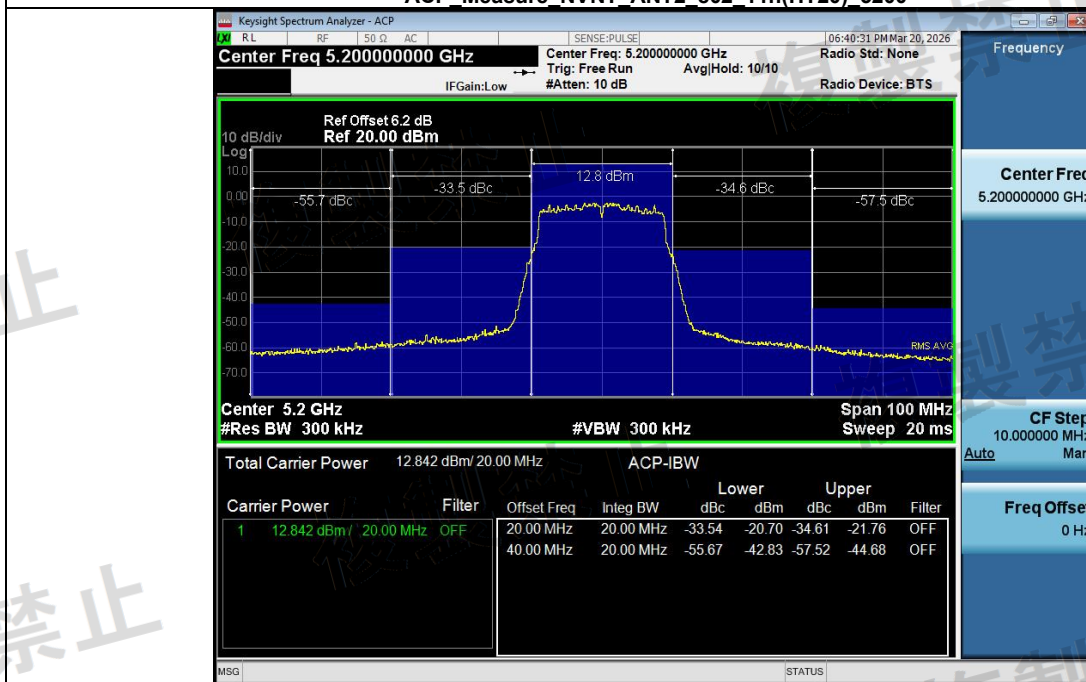
ACP_Measure_NVNT_ANT2_802_11n(HT20)_5180



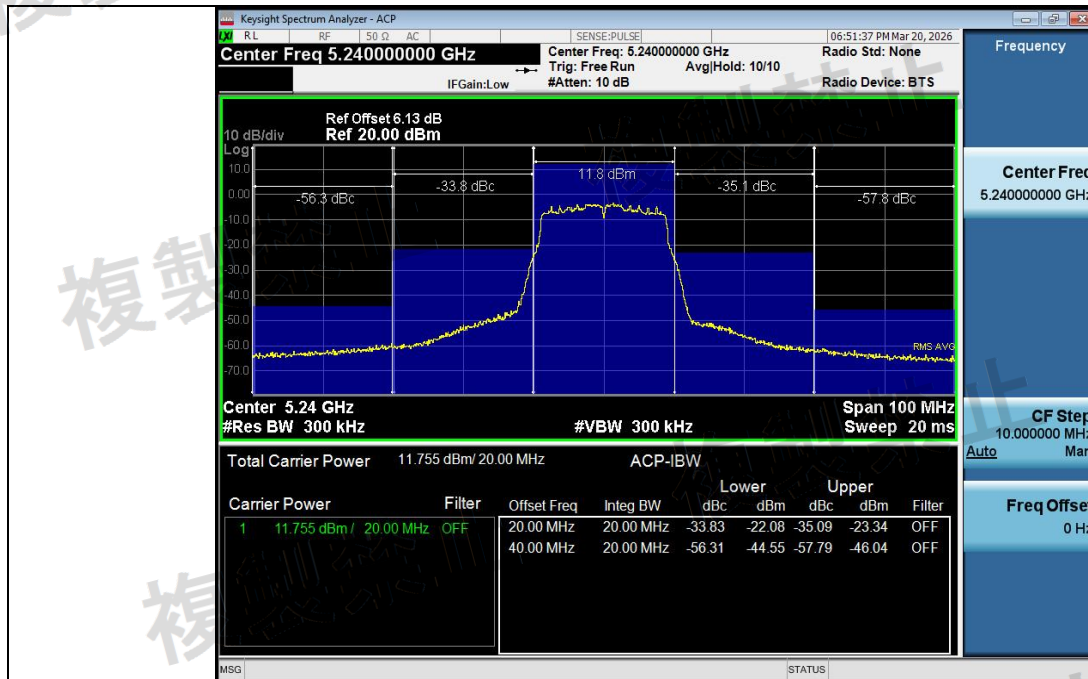
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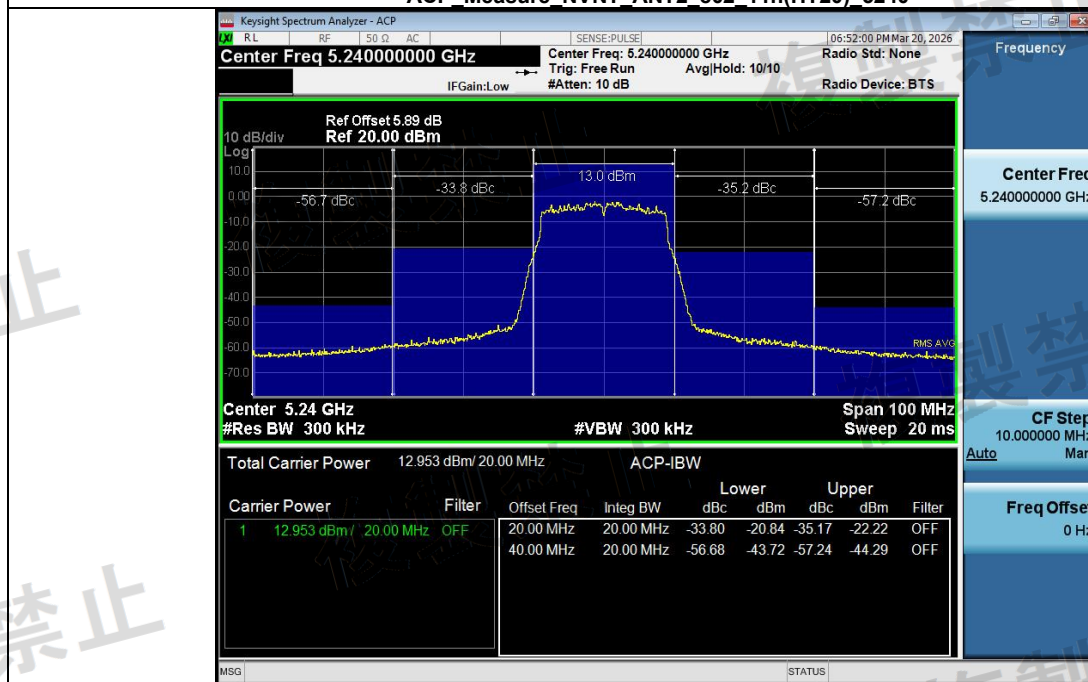
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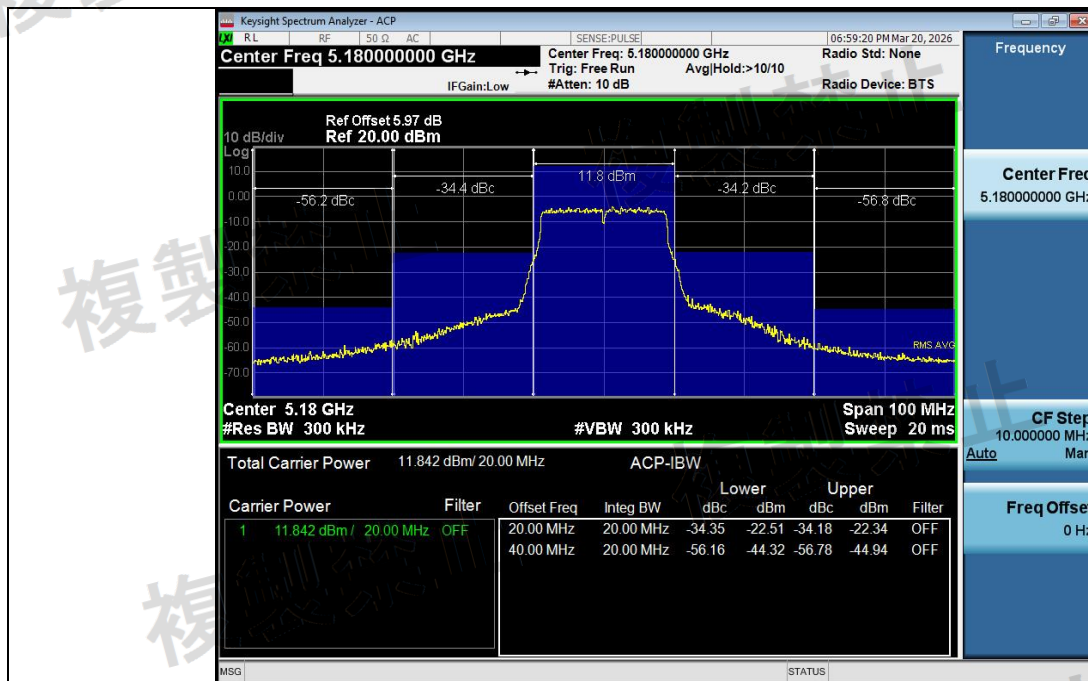
ACP_Measure_NVNT_ANT1_802_11n(HT20)_5240



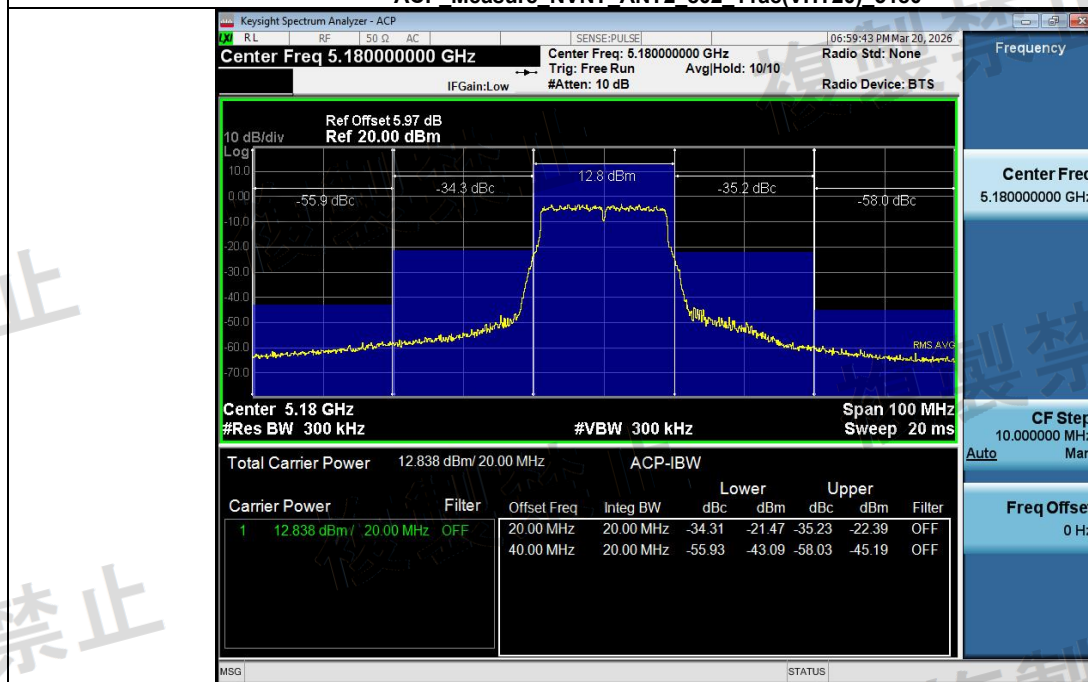
ACP Measure NVNT ANT2 802 11n(HT20) 5240



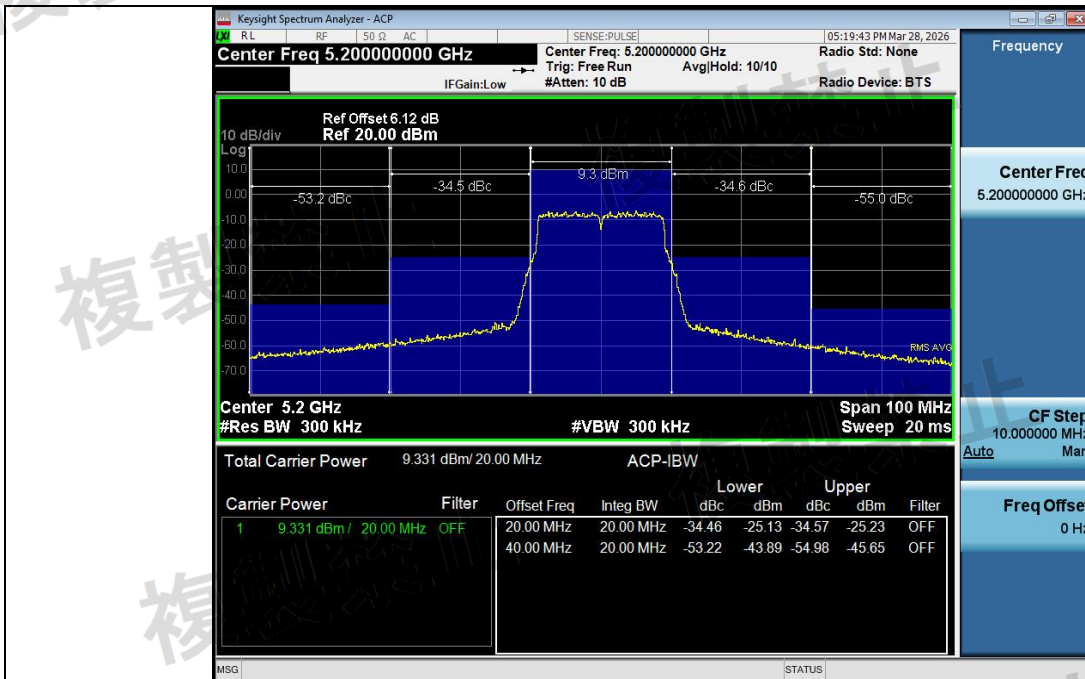
ACP Measure NVNT ANT1 802 11ac(VHT20) 5180



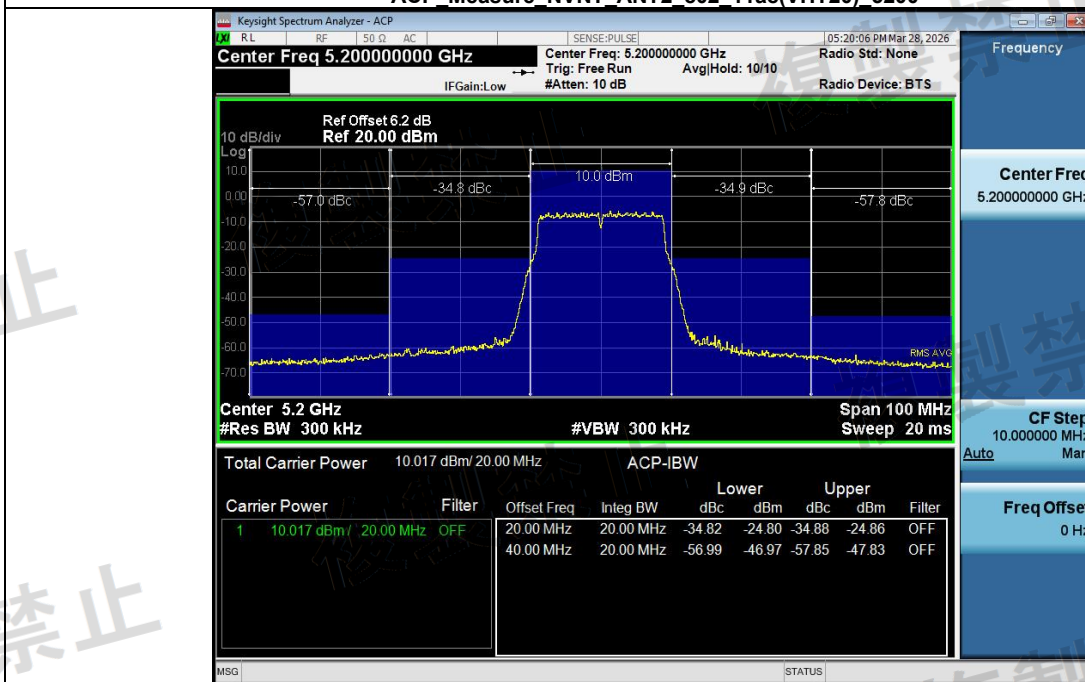
ACP Measure NVNT ANT2 802 11ac(VHT20) 5180



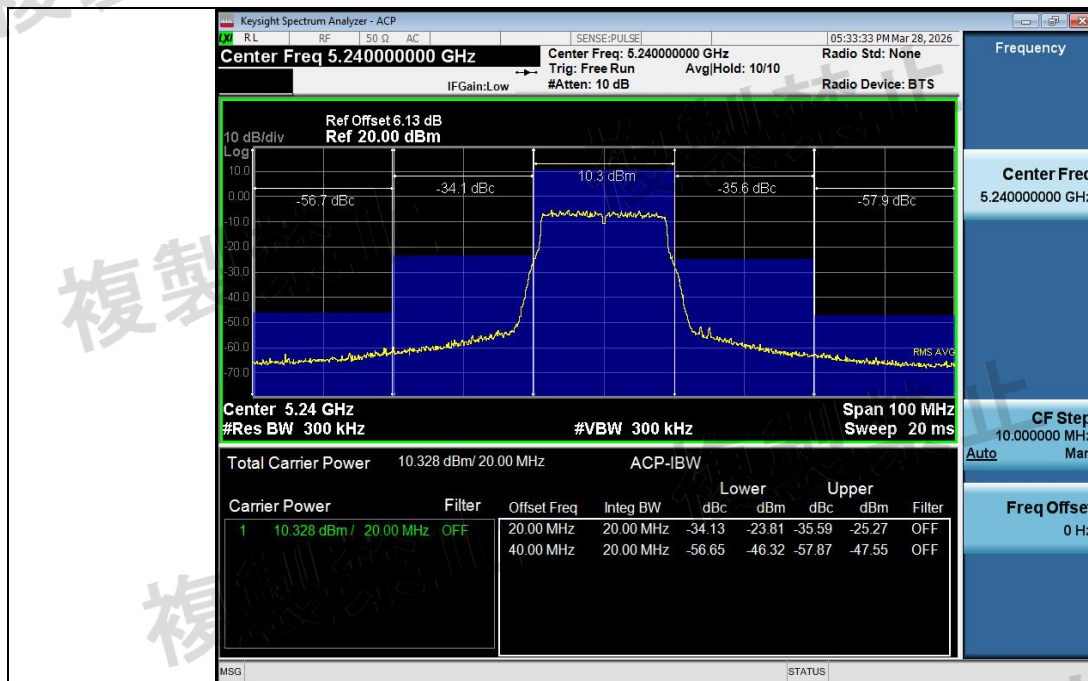
ACP Measure NVNT ANT1 802 11ac(VHT20) 5200



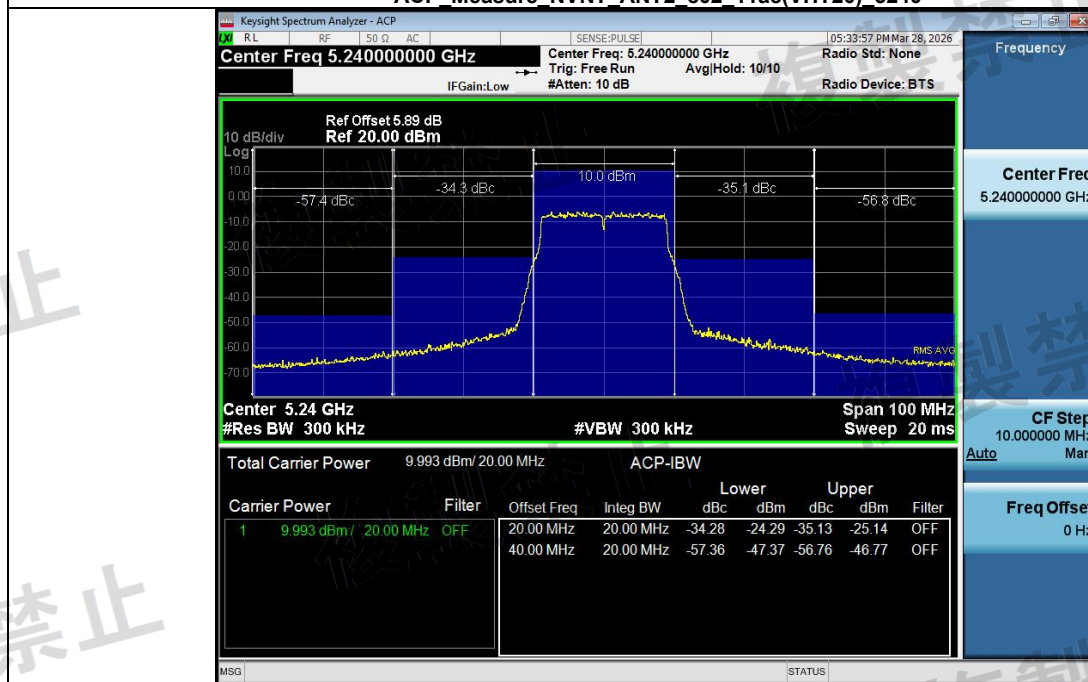
ACP Measure NVNT ANT2 802 11ac(VHT20) 5200



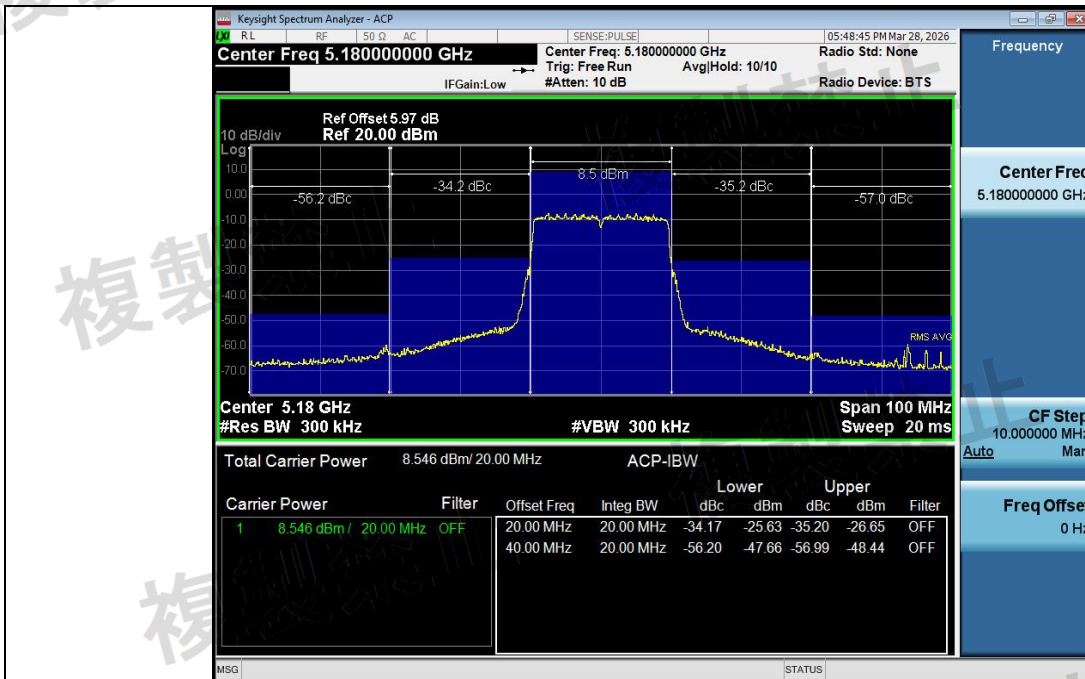
ACP Measure NVNT ANT1 802 11ac(VHT20) 5240



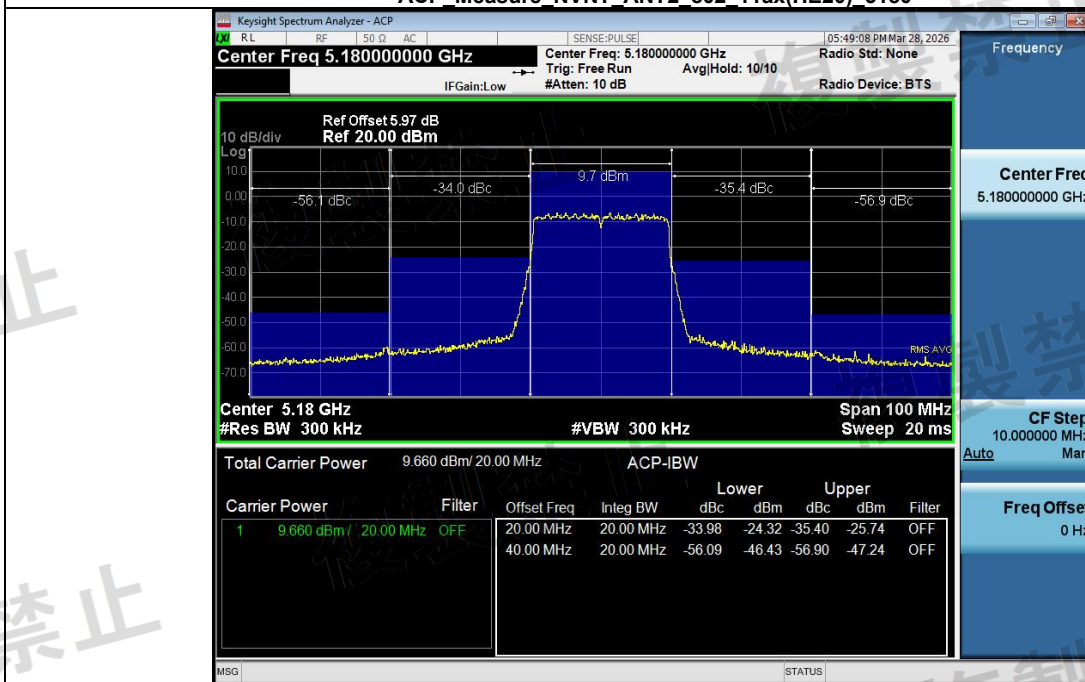
ACP Measure NVNT ANT2 802 11ac(VHT20) 5240



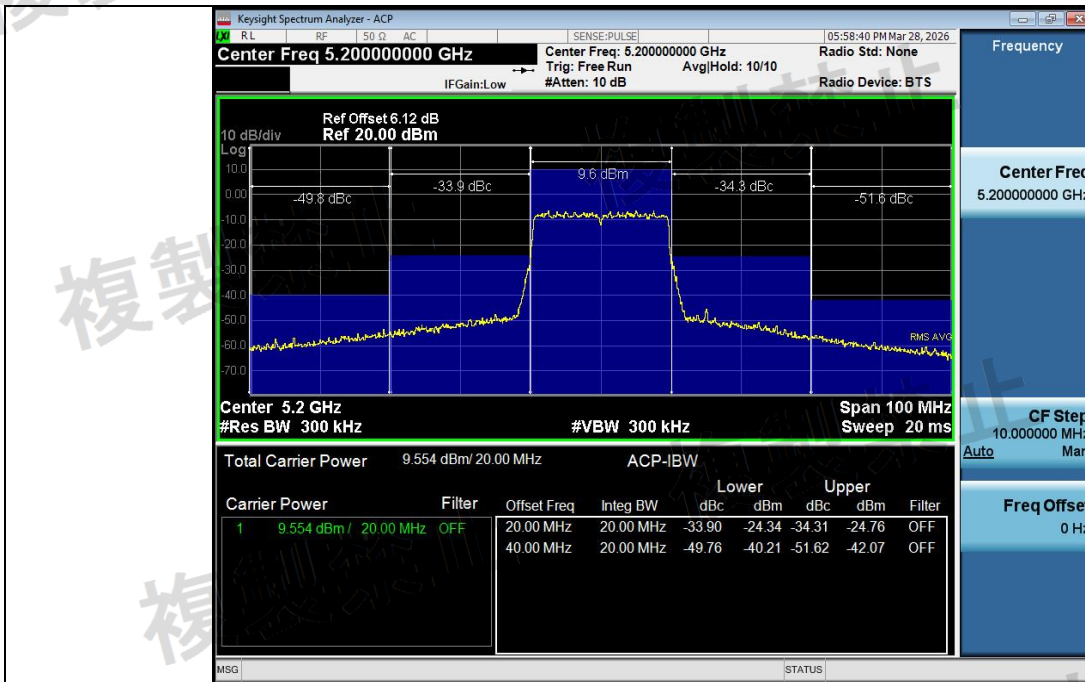
ACP Measure NVNT ANT1 802 11ax(HE20) 5180



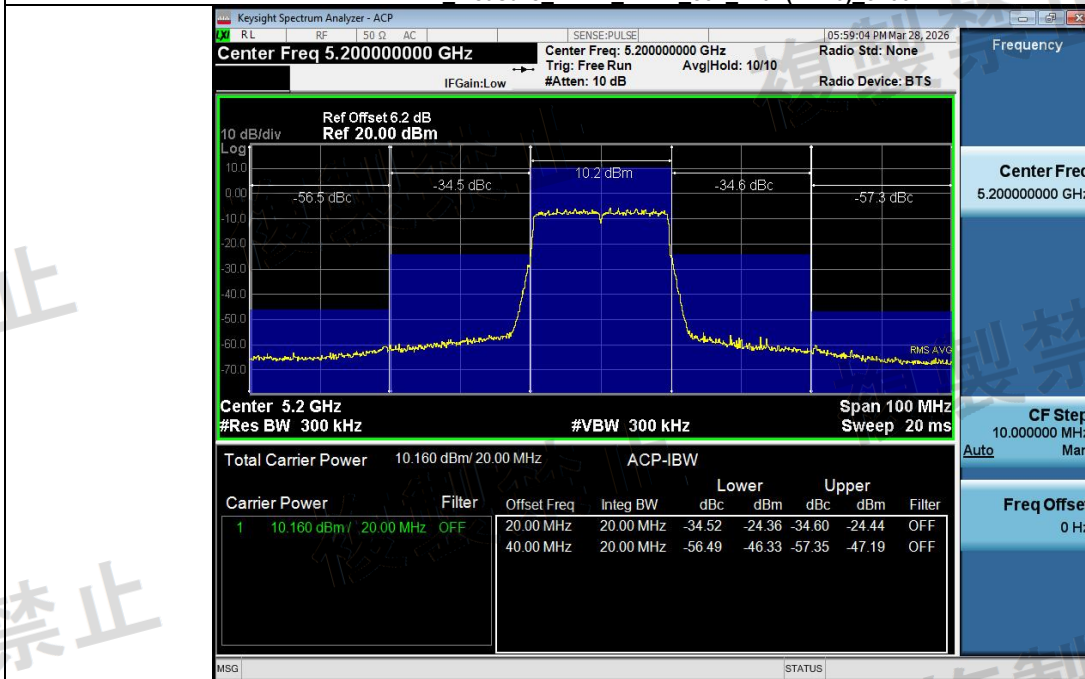
ACP_Measure_NVNT_ANT2_802_11ax(HE20)_5180



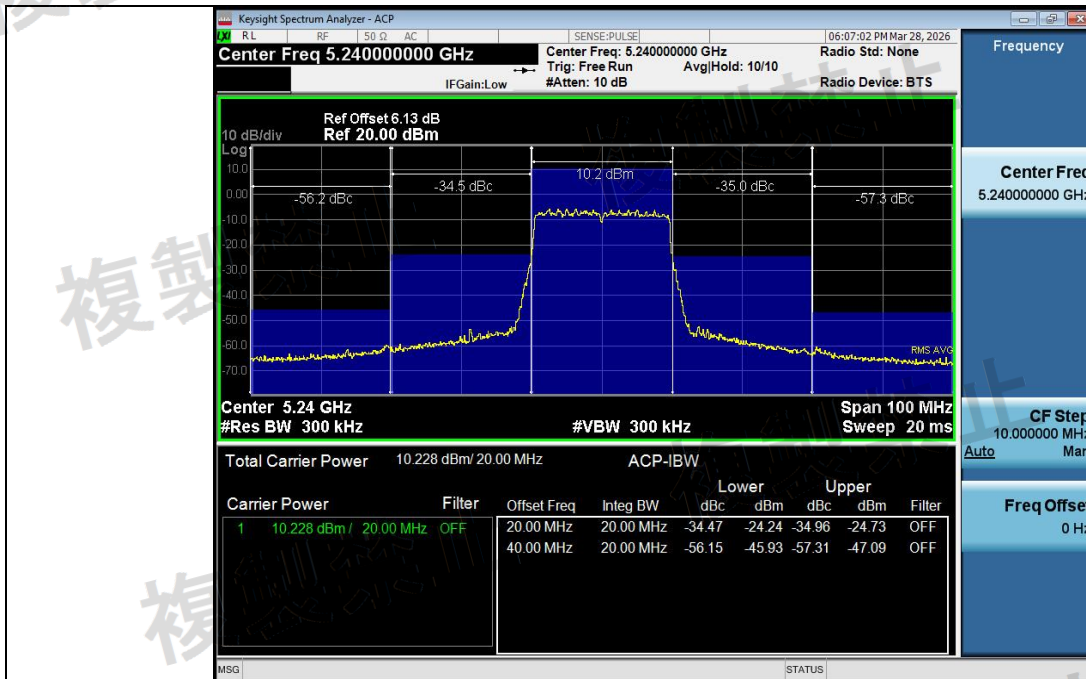
ACP_Measure_NVNT_ANT1_802_11ax(HE20)_5200



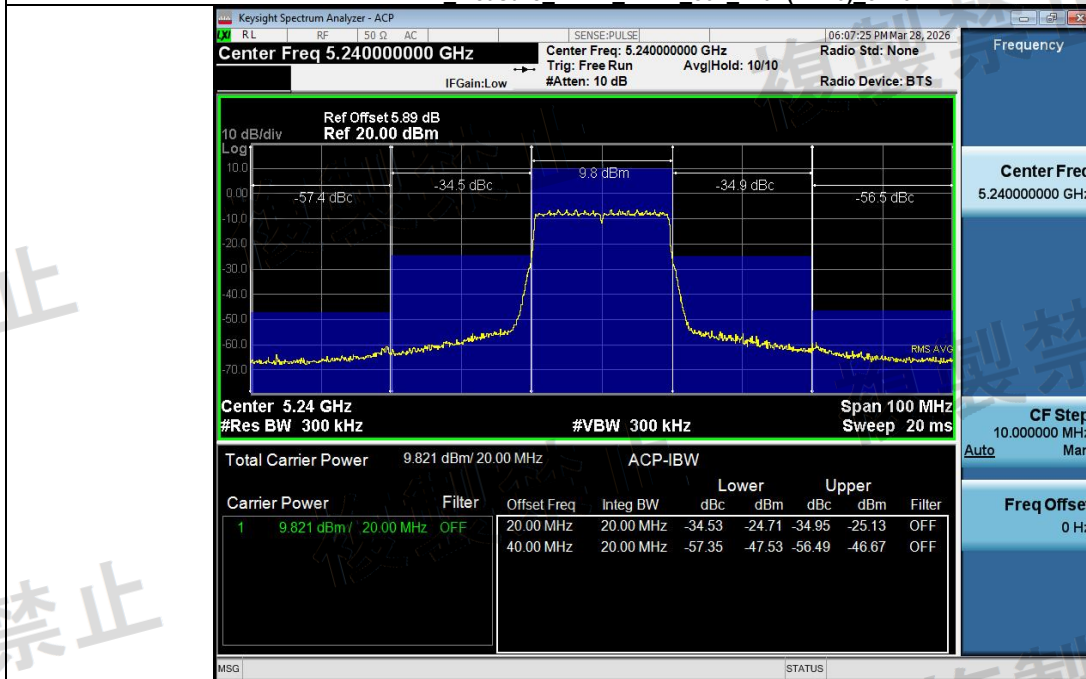
ACP_Measure_NVNT_ANT2_802_11ax(HE20)_5200



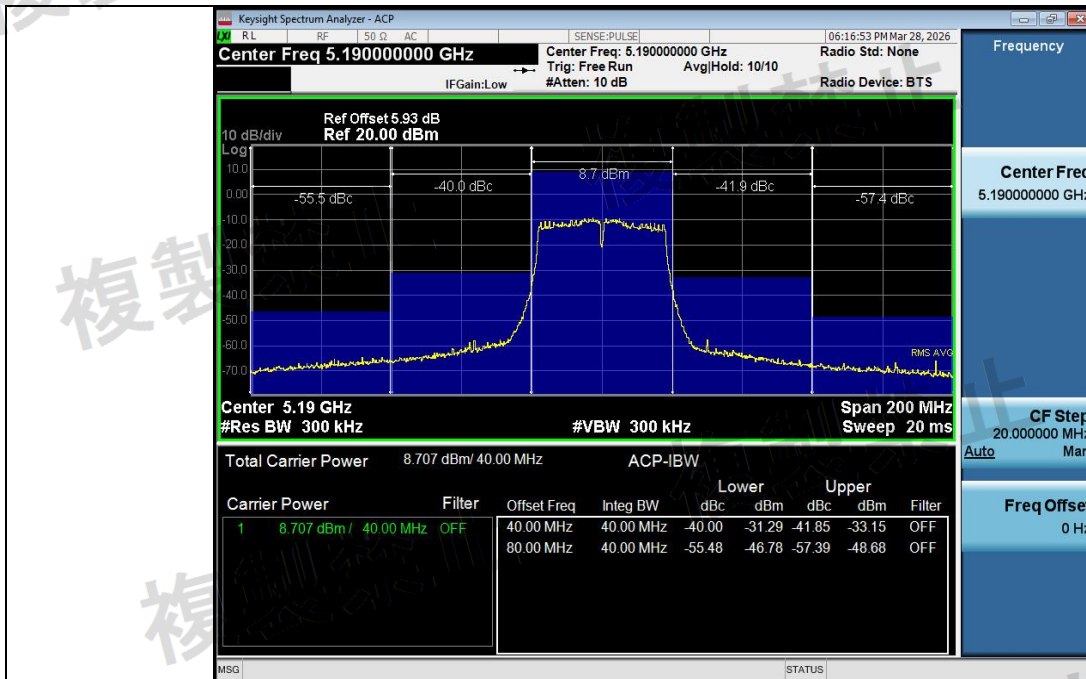
ACP_Measure_NVNT_ANT1_802_11ax(HE20)_5240



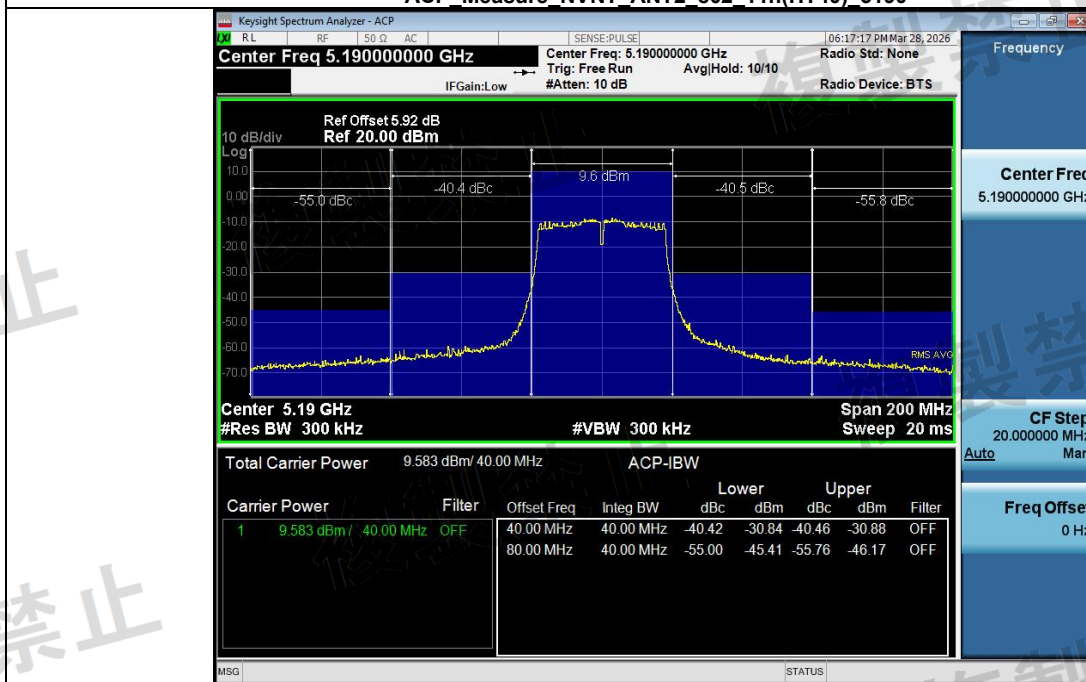
ACP_Measure_NVNT_ANT2_802_11ax(HE20)_5240



ACP_Measure_NVNT_ANT1_802_11n(HT40)_5190



ACP_Measure_NVNT_ANT2_802_11n(HT40)_5190



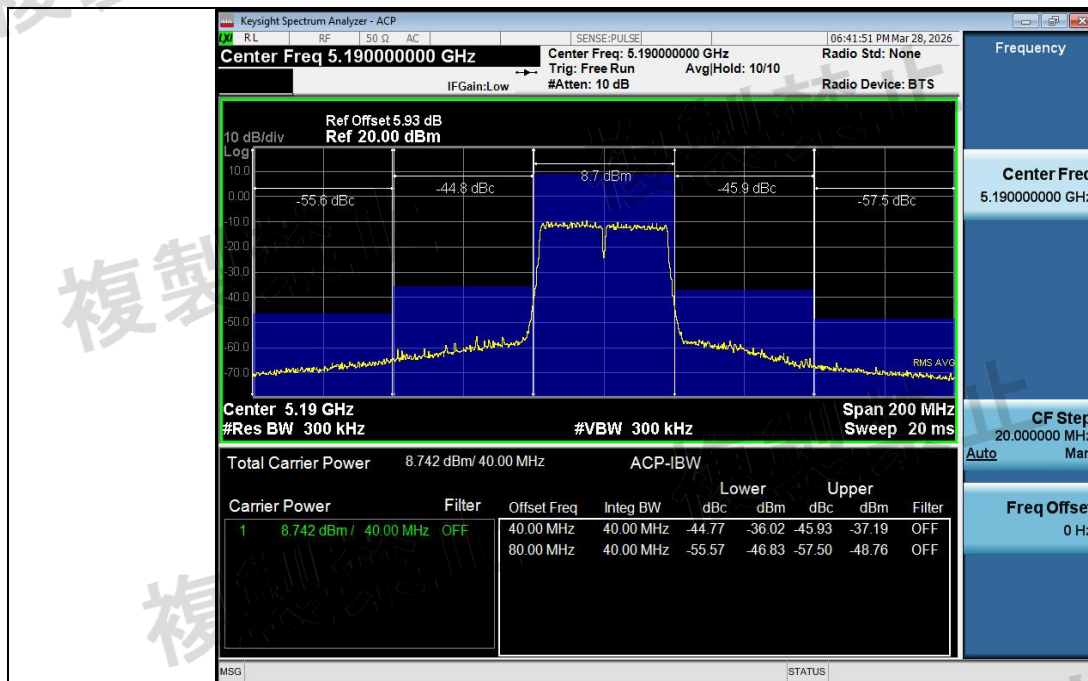
ACP_Measure_NVNT_ANT1_802_11n(HT40)_5230



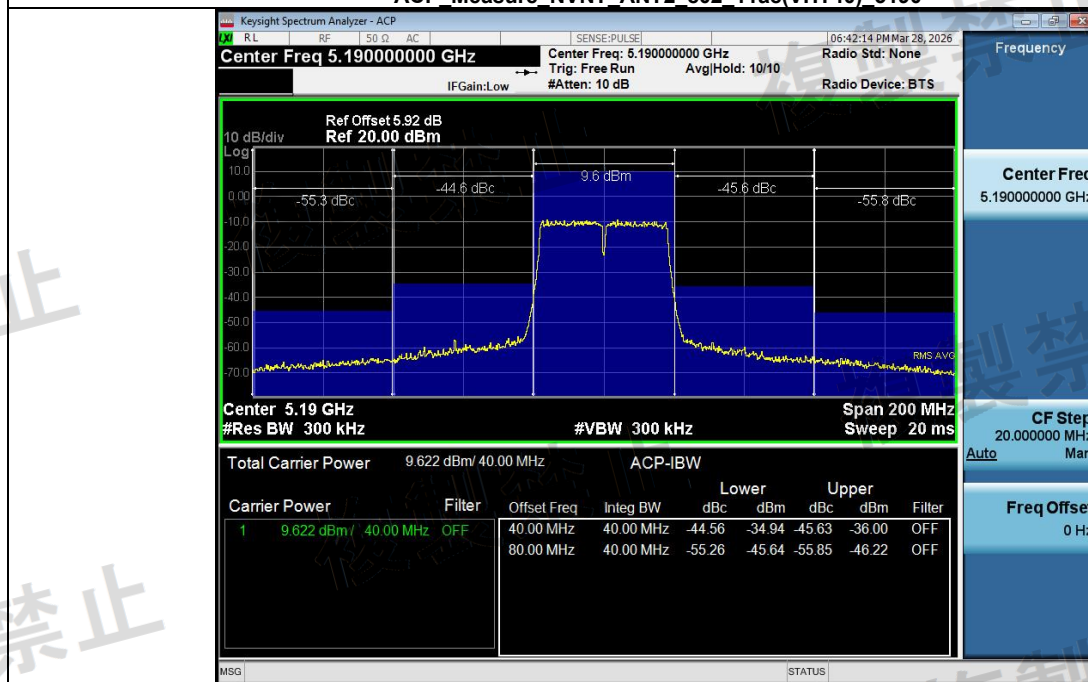
ACP Measure NVNT ANT2 802 11n(HT40) 5230



ACP Measure NVNT ANT1 802 11ac(VHT40) 5190



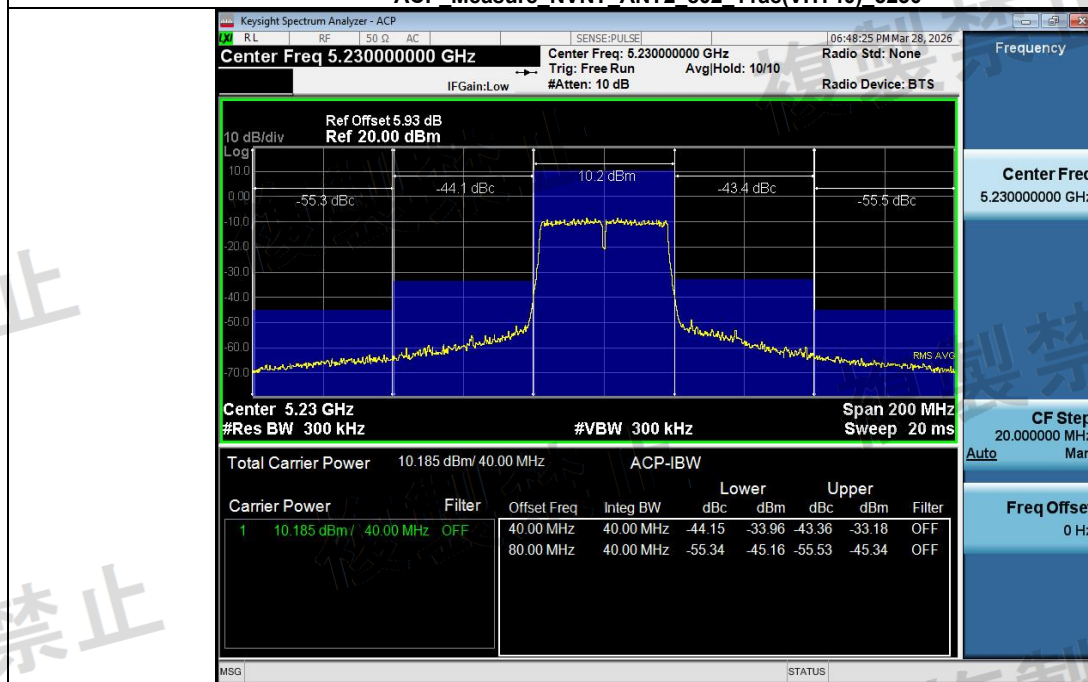
ACP Measure NVNT ANT2 802 11ac(VHT40) 5190



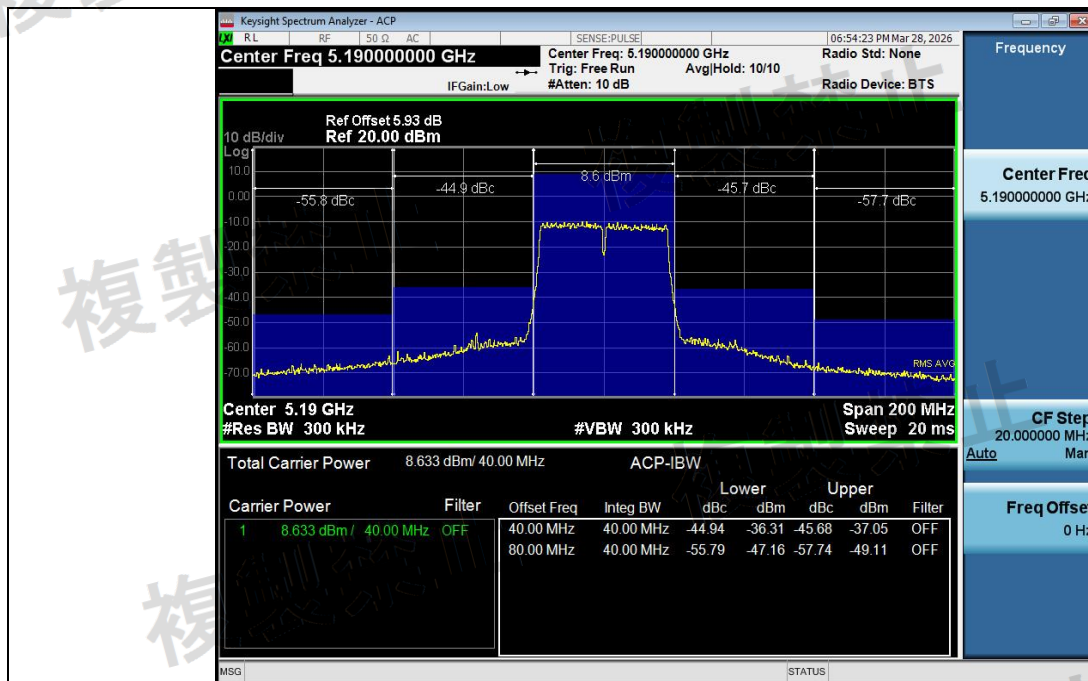
ACP Measure NVNT ANT1 802 11ac(VHT40) 5230



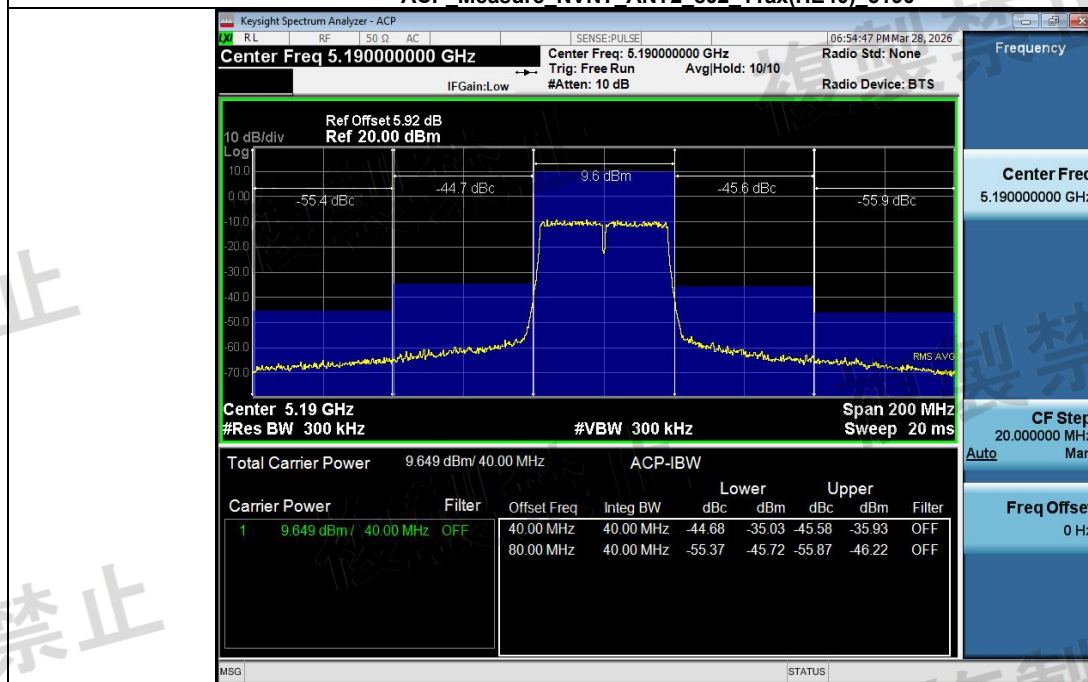
ACP Measure NVNT ANT2 802 11ac(VHT40) 5230



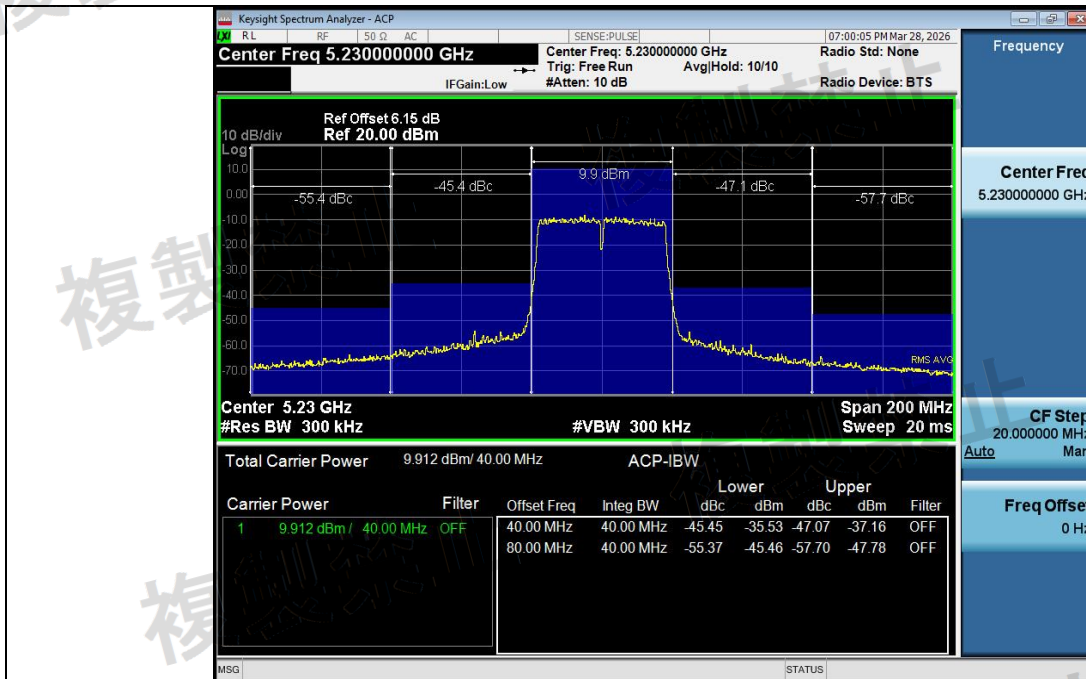
ACP Measure NVNT ANT1 802 11ax(HE40) 5190



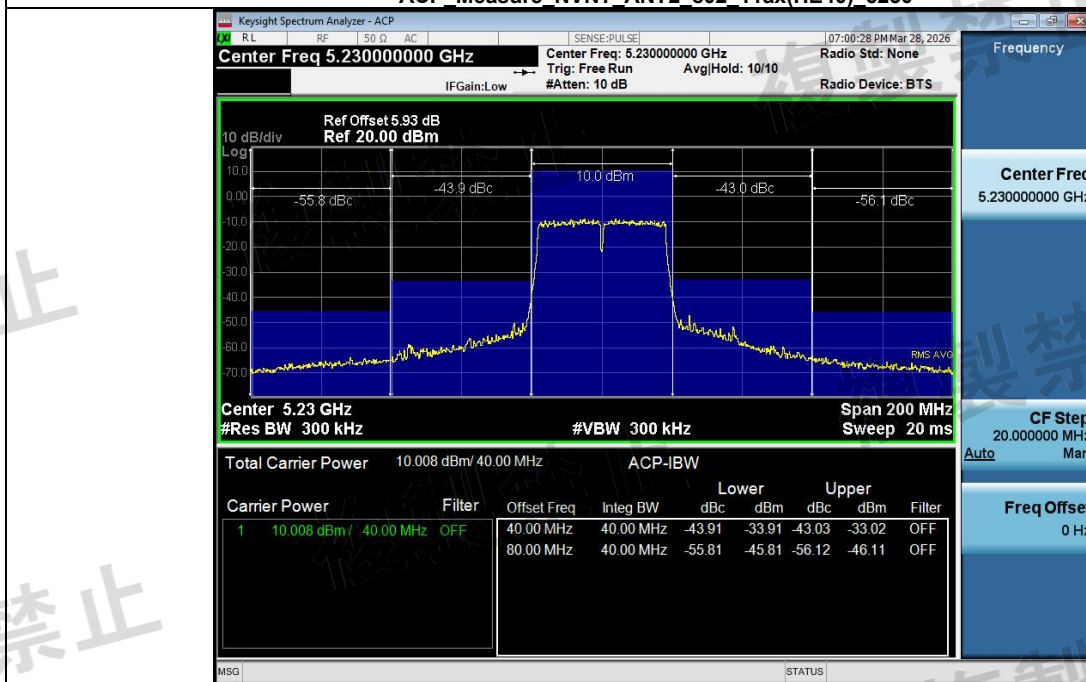
ACP_Measure_NVNT_ANT2_802_11ax(HE40)_5190



ACP_Measure_NVNT_ANT1_802_11ax(HE40)_5230



ACP Measure NVNT ANT2 802 11ax(HE40) 5230



ACP Measure NVNT ANT1 802 11ac(VHT80) 5210



ACP_Measure_NVNT_ANT2_802_11ac(VHT80)_5210



ACP_Measure_NVNT_ANT1_802_11ax(HE80)_5210



ACP Measure NVNT ANT2 802 11ax(HE80) 5210



Appendix A.5: Test Results of Antenna Power

Antenna	Mode	Frequency	Measured Power(dBm/MHz)	Antenna Gain(dBi)	EIRP(mW/MHz)	EIRP Limit(mW/MHz)	Result
ANT1	802.11a	5180.00	1.64	1.70	2.158	10.00	Pass
ANT2	802.11a	5180.00	1.46	1.70	2.070	10.00	Pass
ANT1	802.11a	5200.00	1.68	1.70	2.178	10.00	Pass
ANT2	802.11a	5200.00	2.21	1.70	2.460	10.00	Pass
ANT1	802.11a	5240.00	1.61	1.70	2.143	10.00	Pass
ANT2	802.11a	5240.00	2.92	1.70	2.897	10.00	Pass
ANT1	802.11n(HT20)	5180.00	2.21	1.70	2.460	10.00	Pass
ANT2	802.11n(HT20)	5180.00	3.39	1.70	3.228	10.00	Pass
MIMO TX	802.11n(HT20)	5180.00	5.85	1.70	5.689	10.00	Pass
ANT1	802.11n(HT20)	5200.00	0.71	1.70	1.742	10.00	Pass
ANT2	802.11n(HT20)	5200.00	2.23	1.70	2.472	10.00	Pass
MIMO TX	802.11n(HT20)	5200.00	4.55	1.70	4.217	10.00	Pass
ANT1	802.11n(HT20)	5240.00	1.51	1.70	2.094	10.00	Pass
ANT2	802.11n(HT20)	5240.00	2.42	1.70	2.582	10.00	Pass
MIMO TX	802.11n(HT20)	5240.00	5.00	1.70	4.677	10.00	Pass
ANT1	802.11ac(VHT20)	5180.00	1.05	1.70	1.884	10.00	Pass
ANT2	802.11ac(VHT20)	5180.00	2.58	1.70	2.679	10.00	Pass
MIMO TX	802.11ac(VHT20)	5180.00	4.89	1.70	4.560	10.00	Pass
ANT1	802.11ac(VHT20)	5200.00	3.02	1.70	2.965	10.00	Pass
ANT2	802.11ac(VHT20)	5200.00	2.87	1.70	2.864	10.00	Pass
MIMO TX	802.11ac(VHT20)	5200.00	5.95	1.70	5.821	10.00	Pass
ANT1	802.11ac(VHT20)	5240.00	1.29	1.70	1.991	10.00	Pass
ANT2	802.11ac(VHT20)	5240.00	1.30	1.70	1.995	10.00	Pass
MIMO TX	802.11ac(VHT20)	5240.00	4.31	1.70	3.990	10.00	Pass
ANT1	802.11ax(HE20)	5180.00	0.74	1.70	1.754	10.00	Pass
ANT2	802.11ax(HE20)	5180.00	1.07	1.70	1.892	10.00	Pass
MIMO TX	802.11ax(HE20)	5180.00	3.92	1.70	3.648	10.00	Pass
ANT1	802.11ax(HE20)	5200.00	1.05	1.70	1.884	10.00	Pass
ANT2	802.11ax(HE20)	5200.00	1.35	1.70	2.018	10.00	Pass
MIMO TX	802.11ax(HE20)	5200.00	4.21	1.70	3.899	10.00	Pass
ANT1	802.11ax(HE20)	5240.00	1.88	1.70	2.280	10.00	Pass
ANT2	802.11ax(HE20)	5240.00	1.14	1.70	1.923	10.00	Pass
MIMO TX	802.11ax(HE20)	5240.00	4.54	1.70	4.207	10.00	Pass
ANT1	802.11n(HT40)	5190.00	0.22	1.70	1.556	5.00	Pass
ANT2	802.11n(HT40)	5190.00	0.03	1.70	1.489	5.00	Pass
MIMO TX	802.11n(HT40)	5190.00	3.14	1.70	3.048	5.00	Pass
ANT1	802.11n(HT40)	5230.00	1.03	1.70	1.875	5.00	Pass
ANT2	802.11n(HT40)	5230.00	-0.11	1.70	1.442	5.00	Pass
MIMO TX	802.11n(HT40)	5230.00	3.51	1.70	3.319	5.00	Pass
ANT1	802.11ac(VHT40)	5190.00	0.70	1.70	1.738	5.00	Pass
ANT2	802.11ac(VHT40)	5190.00	0.34	1.70	1.600	5.00	Pass
MIMO TX	802.11ac(VHT40)	5190.00	3.53	1.70	3.334	5.00	Pass
ANT1	802.11ac(VHT40)	5230.00	-0.29	1.70	1.384	5.00	Pass
ANT2	802.11ac(VHT40)	5230.00	0.16	1.70	1.535	5.00	Pass
MIMO TX	802.11ac(VHT40)	5230.00	2.95	1.70	2.917	5.00	Pass
ANT1	802.11ax(HE40)	5190.00	0.78	1.70	1.770	5.00	Pass
ANT2	802.11ax(HE40)	5190.00	0.49	1.70	1.656	5.00	Pass
MIMO TX	802.11ax(HE40)	5190.00	3.65	1.70	3.428	5.00	Pass
ANT1	802.11ax(HE40)	5230.00	1.01	1.70	1.866	5.00	Pass
ANT2	802.11ax(HE40)	5230.00	-0.04	1.70	1.466	5.00	Pass
MIMO TX	802.11ax(HE40)	5230.00	3.53	1.70	3.334	5.00	Pass
ANT1	802.11ac(VHT80)	5210.00	-4.83	1.70	0.486	2.50	Pass
ANT2	802.11ac(VHT80)	5210.00	-5.52	1.70	0.415	2.50	Pass
MIMO TX	802.11ac(VHT80)	5210.00	-2.15	1.70	0.902	2.50	Pass
ANT1	802.11ax(HE80)	5210.00	-2.97	1.70	0.746	2.50	Pass
ANT2	802.11ax(HE80)	5210.00	-6.17	1.70	0.357	2.50	Pass
MIMO TX	802.11ax(HE80)	5210.00	-1.27	1.70	1.104	2.50	Pass



Antenna	Mode	Frequency	Measured Power (dBm/MHz)	Antenna Power (mW/MHz)	Rated Power (mW/MHz)	Power Limit (mW/MHz)	Power Tolerance (%)	Tolerance Limit (%)	Result
Ant1	802.11a	5180	1.64	1.46	5.0	10.00	-67.20	-80~+20	Pass
Ant2	802.11a	5180	1.46	1.40	5.0	10.00	-70.80	-80~+20	Pass
Ant1	802.11a	5200	1.68	1.47	5.0	10.00	-66.40	-80~+20	Pass
Ant2	802.11a	5200	2.21	1.66	5.0	10.00	-55.80	-80~+20	Pass
Ant1	802.11a	5240	1.61	1.45	5.0	10.00	-67.80	-80~+20	Pass
Ant2	802.11a	5240	2.92	1.96	5.0	10.00	-41.60	-80~+20	Pass
MIMO TX	802.11n(HT20)	5180.00	5.85	3.85	10.00	10.00	-61.50	-80~+20	Pass
MIMO TX	802.11n(HT20)	5200.00	4.55	2.85	10.00	10.00	-71.50	-80~+20	Pass
MIMO TX	802.11n(HT20)	5240.00	5.00	3.16	10.00	10.00	-68.40	-80~+20	Pass
MIMO TX	802.11ac(VHT20)	5180.00	4.89	3.09	10.00	10.00	-69.10	-80~+20	Pass
MIMO TX	802.11ac(VHT20)	5200.00	5.95	3.94	10.00	10.00	-60.60	-80~+20	Pass
MIMO TX	802.11ac(VHT20)	5240.00	4.31	2.70	10.00	10.00	-73.00	-80~+20	Pass
MIMO TX	802.11ax(HE20)	5180.00	3.92	2.46	10.00	10.00	-75.40	-80~+20	Pass
MIMO TX	802.11ax(HE20)	5200.00	4.21	2.64	10.00	10.00	-73.60	-80~+20	Pass
MIMO TX	802.11ax(HE20)	5240.00	4.54	2.84	10.00	10.00	-71.60	-80~+20	Pass
MIMO TX	802.11n(HT40)	5190.00	3.14	2.06	5.00	5.00	-58.79	-80~+20	Pass
MIMO TX	802.11n(HT40)	5230.00	3.51	2.24	5.00	5.00	-55.12	-80~+20	Pass
MIMO TX	802.11ac(VHT40)	5190.00	3.53	2.25	5.00	5.00	-54.91	-80~+20	Pass
MIMO TX	802.11ac(VHT40)	5230.00	2.95	1.97	5.00	5.00	-60.56	-80~+20	Pass
MIMO TX	802.11ax(HE40)	5190.00	3.65	2.31	5.00	5.00	-53.71	-80~+20	Pass
MIMO TX	802.11ax(HE40)	5230.00	3.53	2.25	5.00	5.00	-54.97	-80~+20	Pass
MIMO TX	802.11ac(VHT80)	5210.00	-2.15	0.61	2.00	2.50	-69.53	-80~+20	Pass
MIMO TX	802.11ax(HE80)	5210.00	-1.27	0.75	2.00	2.50	-62.69	-80~+20	Pass

Appendix A.6: Test Results of Spurious Emissions for Receiver

ANT	Mode	Channel	Range (MHz)	RBW (kHz)	Spur. Freq. (MHz)	Spur. Lev. (dBm)	Spur. Lev	Limit	Over 1/10 Limit	Read Lev. (dBm)	Read Lev.	Result
ANT1	802.11a	LCH	30.0~1000.0	100	961.20	-84.95	0.0031nW	4nW	NO	/	/	Pass
ANT1	802.11a	LCH	1000.0~13000.0	1000	5210.08	-49.77	10.5371nW	20nW	YES	-48.48	14.20nW	Pass
ANT2	802.11a	LCH	30.0~1000.0	100	460.68	-84.90	0.0032nW	4nW	NO	/	/	Pass
ANT2	802.11a	LCH	1000.0~13000.0	1000	5212.00	-50.09	9.7843nW	20nW	NO	/	/	Pass
ANT1	802.11a	MCH	30.0~1000.0	100	802.12	-84.98	0.0031nW	4nW	NO	/	/	Pass
ANT1	802.11a	MCH	1000.0~13000.0	1000	5210.08	-49.28	11.8063nW	20nW	YES	-48.87	12.96nW	Pass
ANT2	802.11a	MCH	30.0~1000.0	100	468.44	-84.32	0.0036nW	4nW	NO	/	/	Pass
ANT2	802.11a	MCH	1000.0~13000.0	1000	5210.08	-48.91	12.8550nW	20nW	YES	-49.32	11.69nW	Pass
ANT1	802.11a	HCH	30.0~1000.0	100	886.51	-84.45	0.0035nW	4nW	NO	/	/	Pass
ANT1	802.11a	HCH	1000.0~13000.0	1000	5210.16	-49.32	11.6922nW	20nW	YES	-48.26	14.91nW	Pass
ANT2	802.11a	HCH	30.0~1000.0	100	932.10	-85.25	0.0029nW	4nW	NO	/	/	Pass
ANT2	802.11a	HCH	1000.0~13000.0	1000	2440.00	-58.08	1.5563nW	20nW	NO	/	/	Pass
ANT1	802.11n(HT20)	LCH	30.0~1000.0	100	353.98	-84.38	0.0036nW	4nW	NO	/	/	Pass
ANT1	802.11n(HT20)	LCH	1000.0~13000.0	1000	2440.00	-58.16	1.5263nW	20nW	NO	/	/	Pass
ANT2	802.11n(HT20)	LCH	30.0~1000.0	100	779.81	-84.89	0.0032nW	4nW	NO	/	/	Pass
ANT2	802.11n(HT20)	LCH	1000.0~13000.0	1000	2440.00	-58.08	1.5563nW	20nW	NO	/	/	Pass
ANT1	802.11n(HT20)	MCH	30.0~1000.0	100	785.63	-84.53	0.0035nW	4nW	NO	/	/	Pass
ANT1	802.11n(HT20)	MCH	1000.0~13000.0	1000	2440.00	-57.94	1.6052nW	20nW	NO	/	/	Pass
ANT2	802.11n(HT20)	MCH	30.0~1000.0	100	957.32	-84.28	0.0037nW	4nW	NO	/	/	Pass
ANT2	802.11n(HT20)	MCH	1000.0~13000.0	1000	2440.00	-56.19	2.4025nW	20nW	NO	/	/	Pass
ANT1	802.11n(HT20)	HCH	30.0~1000.0	100	757.50	-84.84	0.0032nW	4nW	NO	/	/	Pass
ANT1	802.11n(HT20)	HCH	1000.0~13000.0	1000	2440.00	-56.69	2.1442nW	20nW	NO	/	/	Pass
ANT2	802.11n(HT20)	HCH	30.0~1000.0	100	926.28	-85.20	0.0030nW	4nW	NO	/	/	Pass
ANT2	802.11n(HT20)	HCH	1000.0~13000.0	1000	2440.00	-57.26	1.8782nW	20nW	NO	/	/	Pass
ANT1	802.11ac(VHT20)	LCH	30.0~1000.0	100	832.19	-84.96	0.0031nW	4nW	NO	/	/	Pass
ANT1	802.11ac(VHT20)	LCH	1000.0~13000.0	1000	2440.00	-57.27	1.8769nW	20nW	NO	/	/	Pass
ANT2	802.11ac(VHT20)	LCH	30.0~1000.0	100	963.14	-84.81	0.0033nW	4nW	NO	/	/	Pass
ANT2	802.11ac(VHT20)	LCH	1000.0~13000.0	1000	5188.00	-66.65	0.2161nW	20nW	NO	/	/	Pass
ANT1	802.11ac(VHT20)	MCH	30.0~1000.0	100	889.42	-84.40	0.0036nW	4nW	NO	/	/	Pass
ANT1	802.11ac(VHT20)	MCH	1000.0~13000.0	1000	2440.00	-57.76	1.6766nW	20nW	NO	/	/	Pass
ANT2	802.11ac(VHT20)	MCH	30.0~1000.0	100	743.92	-84.30	0.0037nW	4nW	NO	/	/	Pass
ANT2	802.11ac(VHT20)	MCH	1000.0~13000.0	1000	2440.00	-57.81	1.6543nW	20nW	NO	/	/	Pass
ANT1	802.11ac(VHT20)	HCH	30.0~1000.0	100	642.07	-84.37	0.0036nW	4nW	NO	/	/	Pass
ANT1	802.11ac(VHT20)	HCH	1000.0~13000.0	1000	2440.00	-58.20	1.5123nW	20nW	NO	/	/	Pass
ANT2	802.11ac(VHT20)	HCH	30.0~1000.0	100	853.53	-83.68	0.0042nW	4nW	NO	/	/	Pass
ANT2	802.11ac(VHT20)	HCH	1000.0~13000.0	1000	5176.00	-58.74	1.3374nW	20nW	NO	/	/	Pass
ANT1	802.11ax(HE20)	LCH	30.0~1000.0	100	989.33	-83.93	0.0040nW	4nW	NO	/	/	Pass
ANT1	802.11ax(HE20)	LCH	1000.0~13000.0	1000	2440.00	-57.95	1.6014nW	20nW	NO	/	/	Pass
ANT2	802.11ax(HE20)	LCH	30.0~1000.0	100	938.89	-84.70	0.0033nW	4nW	NO	/	/	Pass
ANT2	802.11ax(HE20)	LCH	1000.0~13000.0	1000	2440.00	-57.30	1.8639nW	20nW	NO	/	/	Pass
ANT1	802.11ax(HE20)	MCH	30.0~1000.0	100	811.82	-84.90	0.0032nW	4nW	NO	/	/	Pass
ANT1	802.11ax(HE20)	MCH	1000.0~13000.0	1000	5176.00	-61.04	0.7876nW	20nW	NO	/	/	Pass
ANT2	802.11ax(HE20)	MCH	30.0~1000.0	100	642.07	-83.69	0.0042nW	4nW	NO	/	/	Pass
ANT2	802.11ax(HE20)	MCH	1000.0~13000.0	1000	2440.00	-60.01	0.9979nW	20nW	NO	/	/	Pass
ANT1	802.11ax(HE20)	HCH	30.0~1000.0	100	927.25	-83.63	0.0043nW	4nW	NO	/	/	Pass
ANT1	802.11ax(HE20)	HCH	1000.0~13000.0	1000	2440.00	-58.89	1.2905nW	20nW	NO	/	/	Pass
ANT2	802.11ax(HE20)	HCH	30.0~1000.0	100	853.53	-84.43	0.0036nW	4nW	NO	/	/	Pass
ANT2	802.11ax(HE20)	HCH	1000.0~13000.0	1000	2440.00	-58.93	1.2785nW	20nW	NO	/	/	Pass
ANT1	802.11n(HT40)	LCH	30.0~1000.0	100	932.10	-83.91	0.0040nW	4nW	NO	/	/	Pass
ANT1	802.11n(HT40)	LCH	1000.0~13000.0	1000	2440.00	-58.85	1.3037nW	20nW	NO	/	/	Pass
ANT2	802.11n(HT40)	LCH	30.0~1000.0	100	705.12	-84.30	0.0037nW	4nW	NO	/	/	Pass
ANT2	802.11n(HT40)	LCH	1000.0~13000.0	1000	2440.00	-68.18	0.1520nW	20nW	NO	/	/	Pass
ANT1	802.11n(HT40)	HCH	30.0~1000.0	100	705.12	-79.29	0.0117nW	4nW	NO	/	/	Pass
ANT1	802.11n(HT40)	HCH	1000.0~13000.0	1000	2440.00	-60.84	0.8245nW	20nW	NO	/	/	Pass
ANT2	802.11n(HT40)	HCH	30.0~1000.0	100	957.32	-84.86	0.0032nW	4nW	NO	/	/	Pass
ANT2	802.11n(HT40)	HCH	1000.0~13000.0	1000	2440.00	-59.11	1.2277nW	20nW	NO	/	/	Pass
ANT1	802.11ac(VHT40)	LCH	30.0~1000.0	100	738.10	-84.72	0.0033nW	4nW	NO	/	/	Pass
ANT1	802.11ac(VHT40)	LCH	1000.0~13000.0	1000	2440.00	-56.89	2.0453nW	20nW	NO	/	/	Pass
ANT2	802.11ac(VHT40)	LCH	30.0~1000.0	100	861.29	-84.92	0.0032nW	4nW	NO	/	/	Pass
ANT2	802.11ac(VHT40)	LCH	1000.0~13000.0	1000	2440.00	-58.24	1.5009nW	20nW	NO	/	/	Pass
ANT1	802.11ac(VHT40)	HCH	30.0~1000.0	100	983.51	-84.51	0.0035nW	4nW	NO	/	/	Pass

Appendix A

CN26PQBU 002

Prüfbericht - Produkte

Test Report - Products

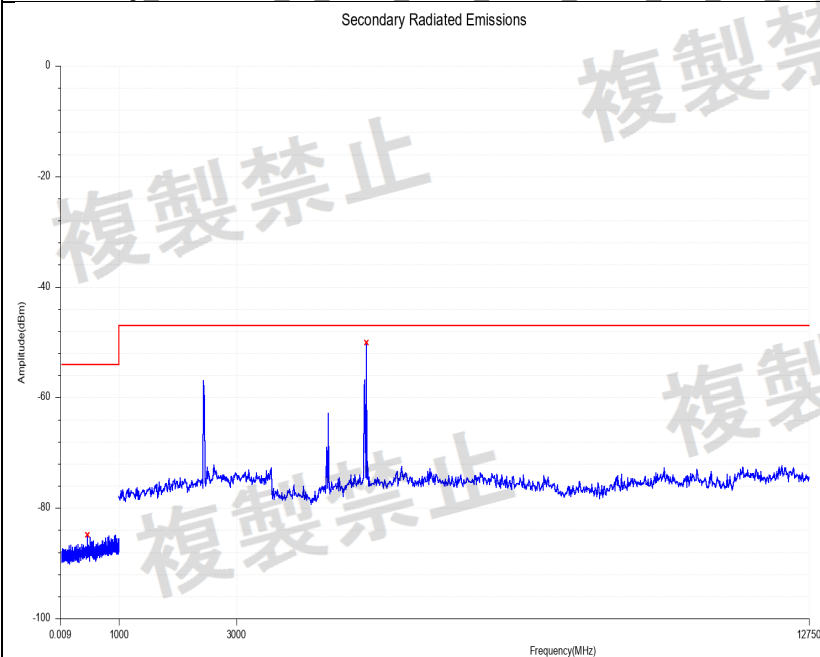
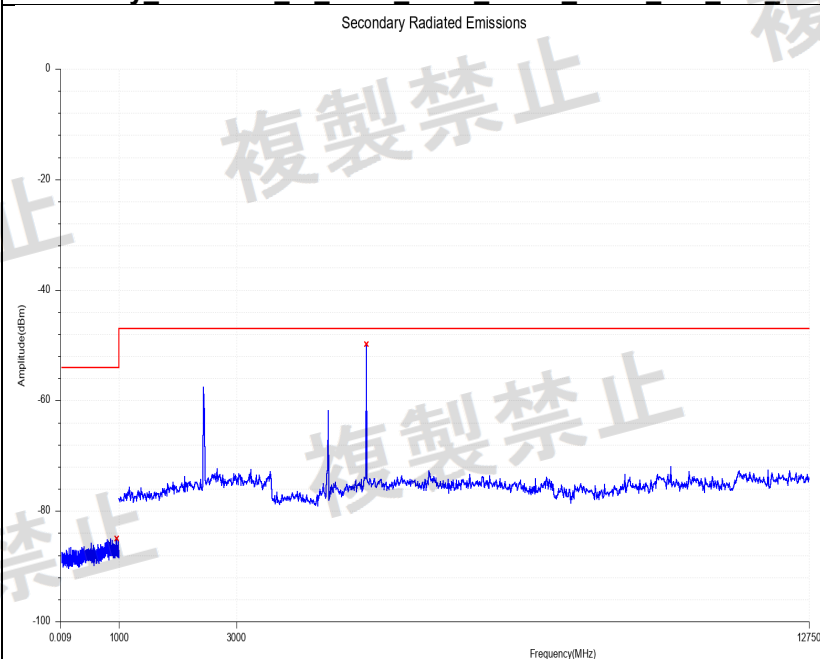
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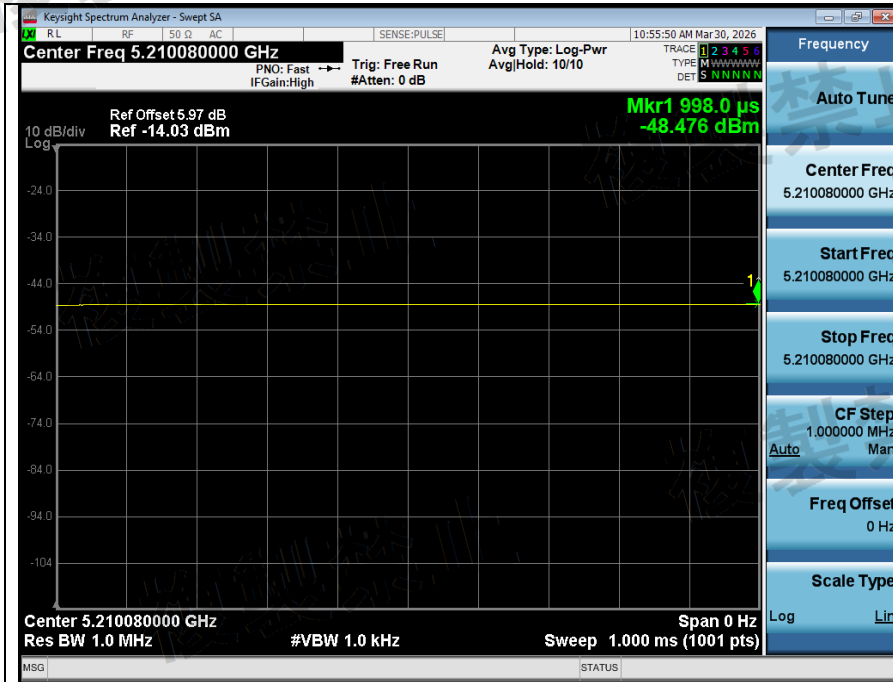
ANT1	802.11ac(VHT40)	HCH	1000.0~13000.0	1000	2440.00	-60.53	0.8850nW	20nW	NO	/	/	Pass
ANT2	802.11ac(VHT40)	HCH	30.0~1000.0	100	983.51	-85.17	0.0030nW	4nW	NO	/	/	Pass
ANT2	802.11ac(VHT40)	HCH	1000.0~13000.0	1000	2440.00	-58.87	1.2960nW	20nW	NO	/	/	Pass
ANT1	802.11ax(HE40)	LCH	30.0~1000.0	100	983.51	-83.86	0.0041nW	4nW	NO	/	/	Pass
ANT1	802.11ax(HE40)	LCH	1000.0~13000.0	1000	2440.00	-60.25	0.9441nW	20nW	NO	/	/	Pass
ANT2	802.11ax(HE40)	LCH	30.0~1000.0	100	389.87	-85.03	0.0031nW	4nW	NO	/	/	Pass
ANT2	802.11ax(HE40)	LCH	1000.0~13000.0	1000	2440.00	-60.05	0.9891nW	20nW	NO	/	/	Pass
ANT1	802.11ax(HE40)	HCH	30.0~1000.0	100	705.12	-83.97	0.0040nW	4nW	NO	/	/	Pass
ANT1	802.11ax(HE40)	HCH	1000.0~13000.0	1000	2440.00	-59.50	1.1220nW	20nW	NO	/	/	Pass
ANT2	802.11ax(HE40)	HCH	30.0~1000.0	100	721.61	-82.29	0.0058nW	4nW	NO	/	/	Pass
ANT2	802.11ax(HE40)	HCH	1000.0~13000.0	1000	2440.00	-60.81	0.8307nW	20nW	NO	/	/	Pass
ANT1	802.11ac(VHT80)	MCH	30.0~1000.0	100	851.59	-85.03	0.0031nW	4nW	NO	/	/	Pass
ANT1	802.11ac(VHT80)	MCH	1000.0~13000.0	1000	2440.00	-62.56	0.5549nW	20nW	NO	/	/	Pass
ANT2	802.11ac(VHT80)	MCH	30.0~1000.0	100	925.31	-84.68	0.0034nW	4nW	NO	/	/	Pass
ANT2	802.11ac(VHT80)	MCH	1000.0~13000.0	1000	5188.00	-65.57	0.2774nW	20nW	NO	/	/	Pass
ANT1	802.11ax(HE80)	MCH	30.0~1000.0	100	861.29	-84.61	0.0034nW	4nW	NO	/	/	Pass
ANT1	802.11ax(HE80)	MCH	1000.0~13000.0	1000	2440.00	-57.37	1.8331nW	20nW	NO	/	/	Pass
ANT2	802.11ax(HE80)	MCH	30.0~1000.0	100	841.89	-84.72	0.0033nW	4nW	NO	/	/	Pass
ANT2	802.11ax(HE80)	MCH	1000.0~13000.0	1000	2440.00	-61.18	0.7614nW	20nW	NO	/	/	Pass

MOMO Mode(1/2 Limit)

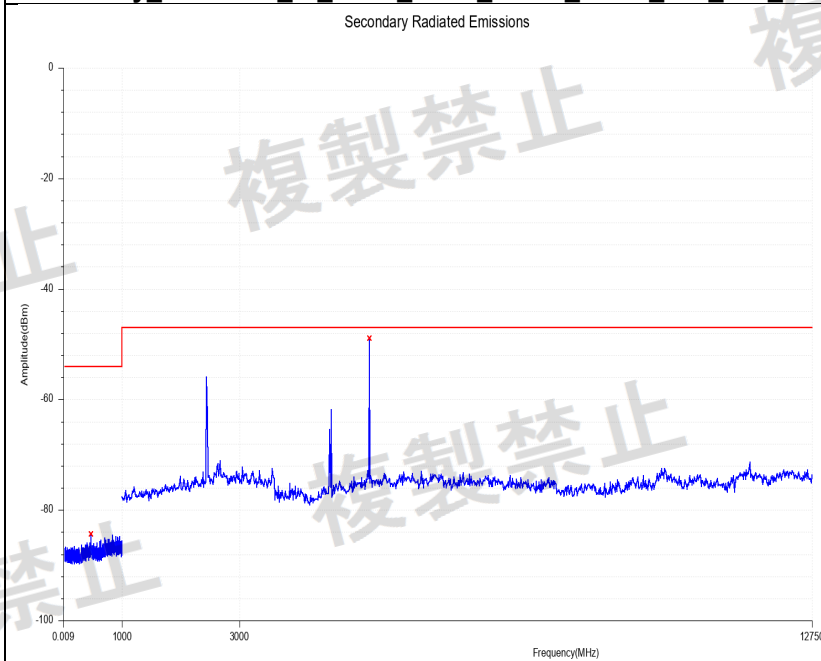
ANT	Mode	Channel	Range(MHz)	RBW(kHz)	Spur. Freq.(MHz)	Spur. Lev.(dBm)	Spur. Lev (nW)	1/2 Limit (nW)	Result
ANT1	802.11n(HT20)	LCH	30.0~1000.0	100	353.98	-84.38	0.0036	2	Pass
ANT1	802.11n(HT20)	LCH	1000.0~13000.0	1000	2440.00	-58.16	1.5276	10	Pass
ANT2	802.11n(HT20)	LCH	30.0~1000.0	100	779.81	-84.89	0.0032	2	Pass
ANT2	802.11n(HT20)	LCH	1000.0~13000.0	1000	2440.00	-58.08	1.5560	10	Pass
ANT1	802.11n(HT20)	MCH	30.0~1000.0	100	785.63	-84.53	0.0035	2	Pass
ANT1	802.11n(HT20)	MCH	1000.0~13000.0	1000	2440.00	-57.94	1.6069	10	Pass
ANT2	802.11n(HT20)	MCH	30.0~1000.0	100	957.32	-84.28	0.0037	2	Pass
ANT2	802.11n(HT20)	MCH	1000.0~13000.0	1000	2440.00	-56.19	2.4044	10	Pass
ANT1	802.11n(HT20)	HCH	30.0~1000.0	100	757.50	-84.84	0.0033	2	Pass
ANT1	802.11n(HT20)	HCH	1000.0~13000.0	1000	2440.00	-56.69	2.1429	10	Pass
ANT2	802.11n(HT20)	HCH	30.0~1000.0	100	926.28	-85.20	0.0030	2	Pass
ANT2	802.11n(HT20)	HCH	1000.0~13000.0	1000	2440.00	-57.26	1.8793	10	Pass
ANT1	802.11ac(VHT20)	LCH	30.0~1000.0	100	832.19	-84.96	0.0032	2	Pass
ANT1	802.11ac(VHT20)	LCH	1000.0~13000.0	1000	2440.00	-57.27	1.8750	10	Pass
ANT2	802.11ac(VHT20)	LCH	30.0~1000.0	100	963.14	-84.81	0.0033	2	Pass
ANT2	802.11ac(VHT20)	LCH	1000.0~13000.0	1000	5188.00	-66.65	0.2163	10	Pass
ANT1	802.11ac(VHT20)	MCH	30.0~1000.0	100	889.42	-84.40	0.0036	2	Pass
ANT1	802.11ac(VHT20)	MCH	1000.0~13000.0	1000	2440.00	-57.76	1.6749	10	Pass
ANT2	802.11ac(VHT20)	MCH	30.0~1000.0	100	743.92	-84.30	0.0037	2	Pass
ANT2	802.11ac(VHT20)	MCH	1000.0~13000.0	1000	2440.00	-57.81	1.6558	10	Pass
ANT1	802.11ac(VHT20)	HCH	30.0~1000.0	100	642.07	-84.37	0.0037	2	Pass
ANT1	802.11ac(VHT20)	HCH	1000.0~13000.0	1000	2440.00	-58.20	1.5136	10	Pass
ANT2	802.11ac(VHT20)	HCH	30.0~1000.0	100	853.53	-83.68	0.0043	2	Pass
ANT2	802.11ac(VHT20)	HCH	1000.0~13000.0	1000	5176.00	-58.74	1.3366	10	Pass
ANT1	802.11ax(HE20)	LCH	30.0~1000.0	100	989.33	-83.93	0.0040	2	Pass
ANT1	802.11ax(HE20)	LCH	1000.0~13000.0	1000	2440.00	-57.95	1.6032	10	Pass
ANT2	802.11ax(HE20)	LCH	30.0~1000.0	100	938.89	-84.70	0.0034	2	Pass
ANT2	802.11ax(HE20)	LCH	1000.0~13000.0	1000	2440.00	-57.30	1.8621	10	Pass
ANT1	802.11ax(HE20)	MCH	30.0~1000.0	100	811.82	-84.90	0.0032	2	Pass
ANT1	802.11ax(HE20)	MCH	1000.0~13000.0	1000	5176.00	-61.04	0.7870	10	Pass
ANT2	802.11ax(HE20)	MCH	30.0~1000.0	100	642.07	-83.69	0.0043	2	Pass
ANT2	802.11ax(HE20)	MCH	1000.0~13000.0	1000	2440.00	-60.01	0.9977	10	Pass
ANT1	802.11ax(HE20)	HCH	30.0~1000.0	100	927.25	-83.63	0.0043	2	Pass
ANT1	802.11ax(HE20)	HCH	1000.0~13000.0	1000	2440.00	-58.89	1.2912	10	Pass
ANT2	802.11ax(HE20)	HCH	30.0~1000.0	100	853.53	-84.43	0.0036	2	Pass
ANT2	802.11ax(HE20)	HCH	1000.0~13000.0	1000	2440.00	-58.93	1.2794	10	Pass
ANT1	802.11n(HT40)	LCH	30.0~1000.0	100	932.10	-83.91	0.0041	2	Pass
ANT1	802.11n(HT40)	LCH	1000.0~13000.0	1000	2440.00	-58.85	1.3032	10	Pass
ANT2	802.11n(HT40)	LCH	30.0~1000.0	100	705.12	-84.30	0.0037	2	Pass
ANT2	802.11n(HT40)	LCH	1000.0~13000.0	1000	2440.00	-68.18	0.1521	10	Pass

ANT1	802.11n(HT40)	HCH	30.0~1000.0	100	705.12	-79.29	0.0118	2	Pass
ANT1	802.11n(HT40)	HCH	1000.0~13000.0	1000	2440.00	-60.84	0.8241	10	Pass
ANT2	802.11n(HT40)	HCH	30.0~1000.0	100	957.32	-84.86	0.0033	2	Pass
ANT2	802.11n(HT40)	HCH	1000.0~13000.0	1000	2440.00	-59.11	1.2274	10	Pass
ANT1	802.11ac(VHT40)	LCH	30.0~1000.0	100	738.10	-84.72	0.0034	2	Pass
ANT1	802.11ac(VHT40)	LCH	1000.0~13000.0	1000	2440.00	-56.89	2.0464	10	Pass
ANT2	802.11ac(VHT40)	LCH	30.0~1000.0	100	861.29	-84.92	0.0032	2	Pass
ANT2	802.11ac(VHT40)	LCH	1000.0~13000.0	1000	2440.00	-58.24	1.4997	10	Pass
ANT1	802.11ac(VHT40)	HCH	30.0~1000.0	100	983.51	-84.51	0.0035	2	Pass
ANT1	802.11ac(VHT40)	HCH	1000.0~13000.0	1000	2440.00	-60.53	0.8851	10	Pass
ANT2	802.11ac(VHT40)	HCH	30.0~1000.0	100	983.51	-85.17	0.0030	2	Pass
ANT2	802.11ac(VHT40)	HCH	1000.0~13000.0	1000	2440.00	-58.87	1.2972	10	Pass
ANT1	802.11ax(HE40)	LCH	30.0~1000.0	100	983.51	-83.86	0.0041	2	Pass
ANT1	802.11ax(HE40)	LCH	1000.0~13000.0	1000	2440.00	-60.25	0.9441	10	Pass
ANT2	802.11ax(HE40)	LCH	30.0~1000.0	100	389.87	-85.03	0.0031	2	Pass
ANT2	802.11ax(HE40)	LCH	1000.0~13000.0	1000	2440.00	-60.05	0.9886	10	Pass
ANT1	802.11ax(HE40)	HCH	30.0~1000.0	100	705.12	-83.97	0.0040	2	Pass
ANT1	802.11ax(HE40)	HCH	1000.0~13000.0	1000	2440.00	-59.50	1.1220	10	Pass
ANT2	802.11ax(HE40)	HCH	30.0~1000.0	100	721.61	-82.29	0.0059	2	Pass
ANT2	802.11ax(HE40)	HCH	1000.0~13000.0	1000	2440.00	-60.81	0.8299	10	Pass
ANT1	802.11ac(VHT80)	MCH	30.0~1000.0	100	851.59	-85.03	0.0031	2	Pass
ANT1	802.11ac(VHT80)	MCH	1000.0~13000.0	1000	2440.00	-62.56	0.5546	10	Pass
ANT2	802.11ac(VHT80)	MCH	30.0~1000.0	100	925.31	-84.68	0.0034	2	Pass
ANT2	802.11ac(VHT80)	MCH	1000.0~13000.0	1000	5188.00	-65.57	0.2773	10	Pass
ANT1	802.11ax(HE80)	MCH	30.0~1000.0	100	861.29	-84.61	0.0035	2	Pass
ANT1	802.11ax(HE80)	MCH	1000.0~13000.0	1000	2440.00	-57.37	1.8323	10	Pass
ANT2	802.11ax(HE80)	MCH	30.0~1000.0	100	841.89	-84.72	0.0034	2	Pass
ANT2	802.11ax(HE80)	MCH	1000.0~13000.0	1000	2440.00	-61.18	0.7621	10	Pass

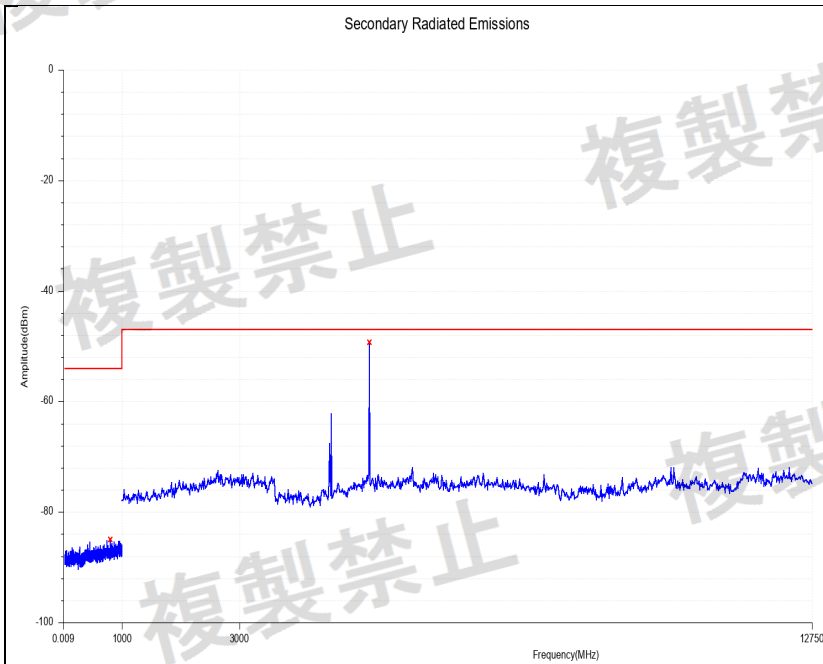
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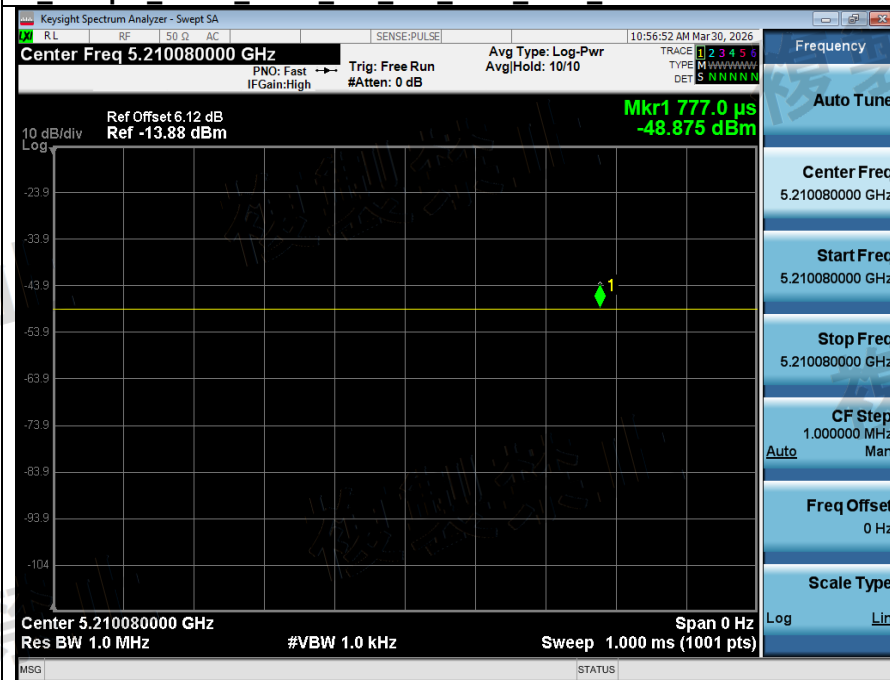
Secondary emission of radio wave_NVNT_ANT2_802_11a_MCH



Secondary emission of radio wave_NVNT_ANT1_802_11a_MCH



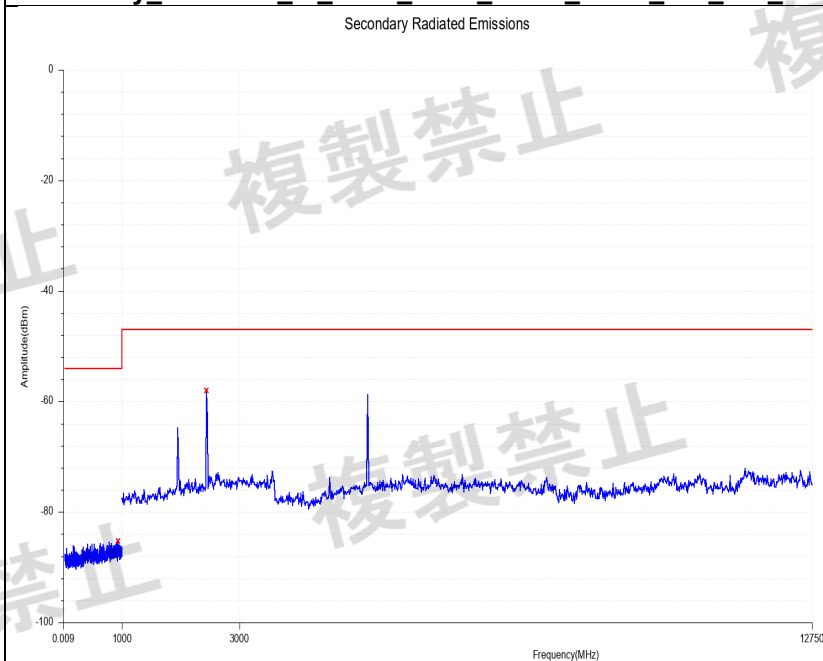
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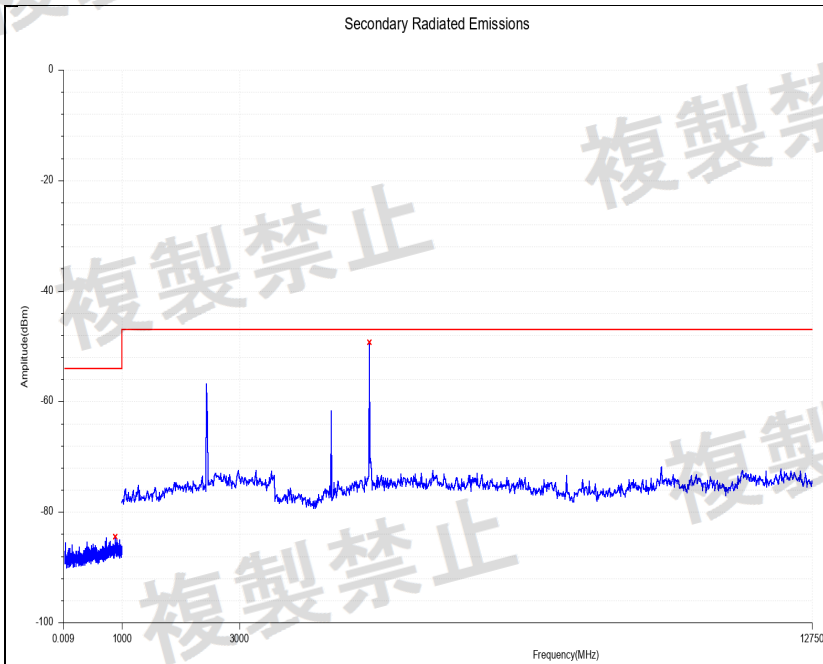
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Secondary emission of radio_wave_NVNT_ANT2_802_11a_HCH



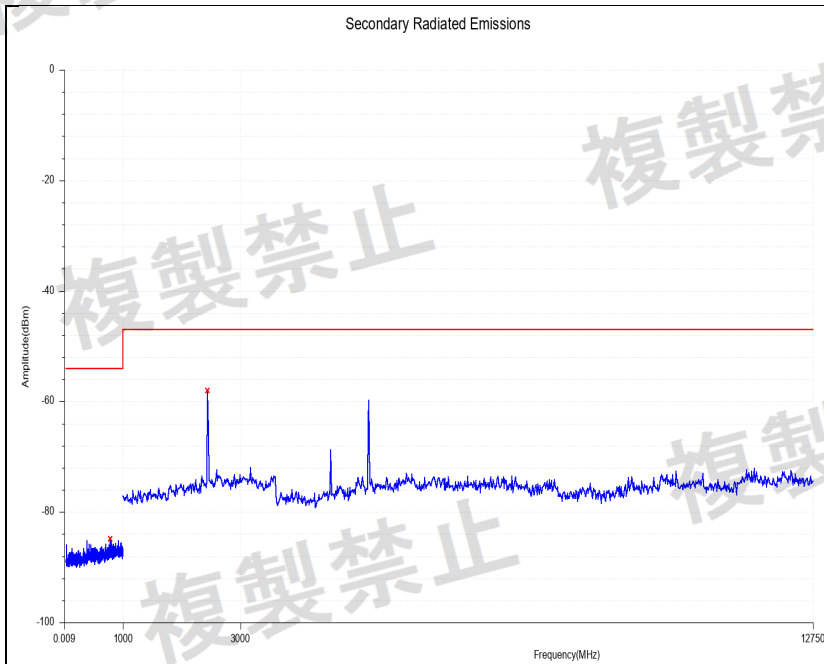
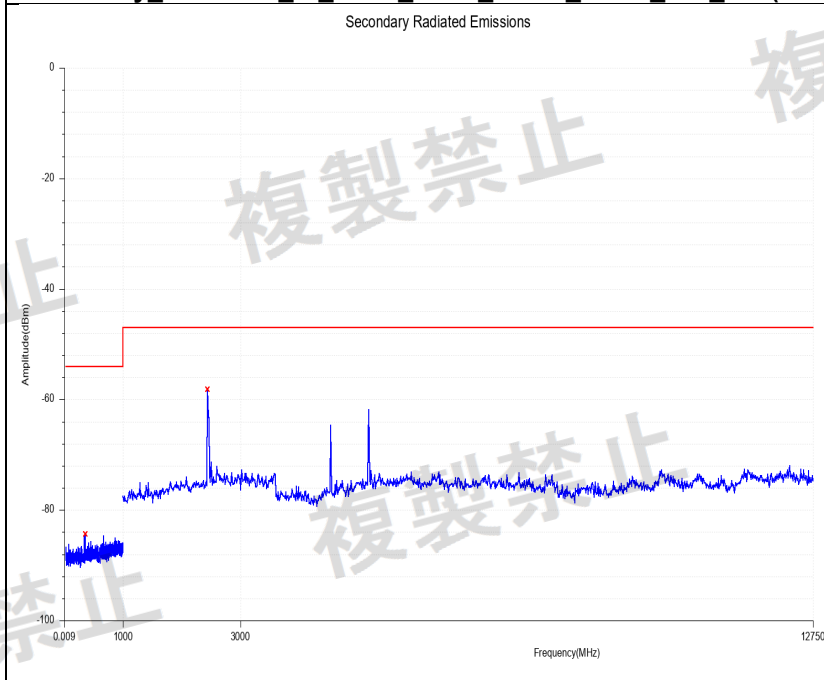
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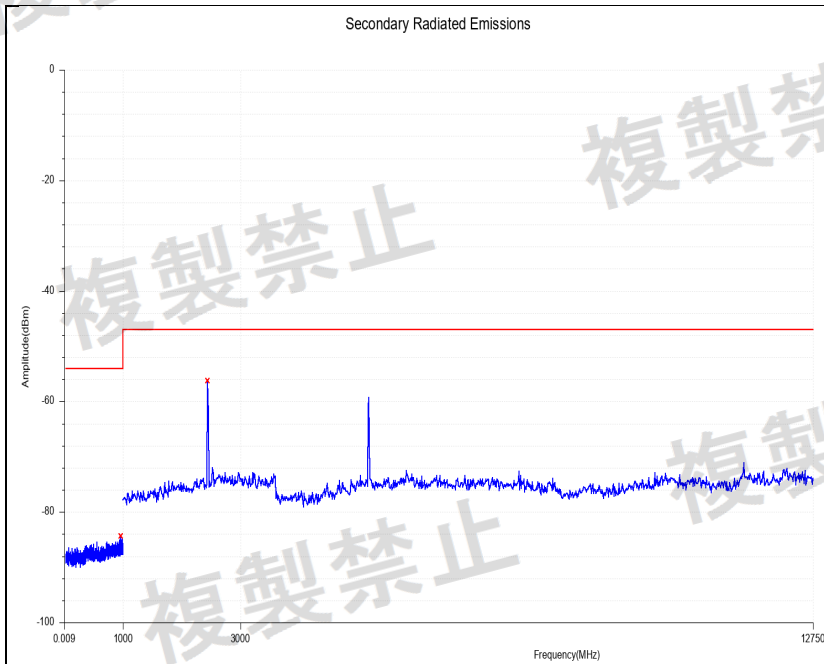
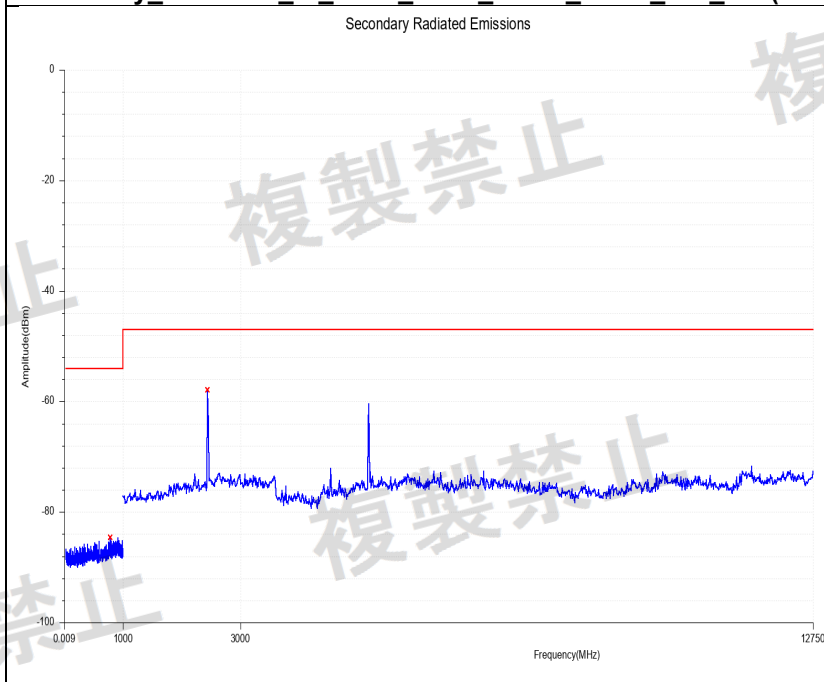


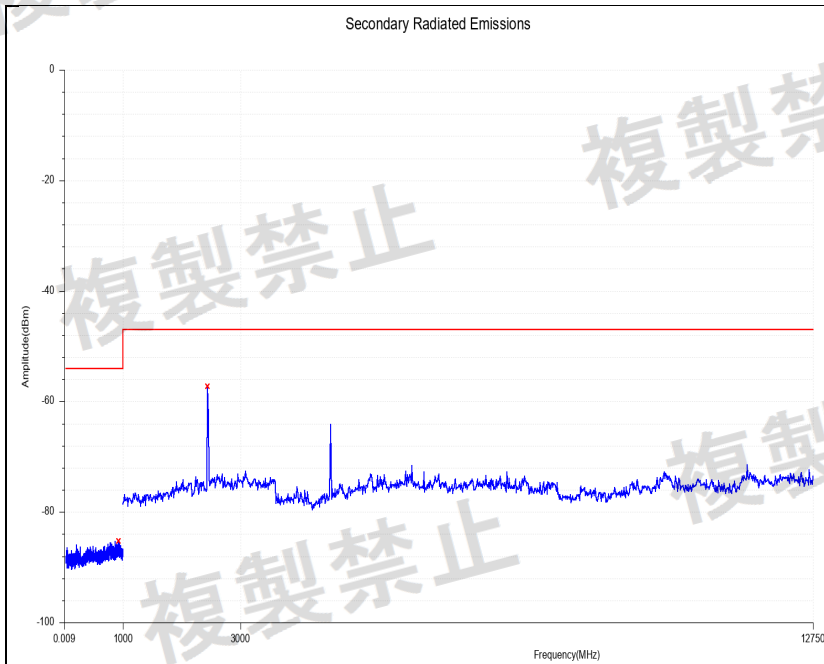
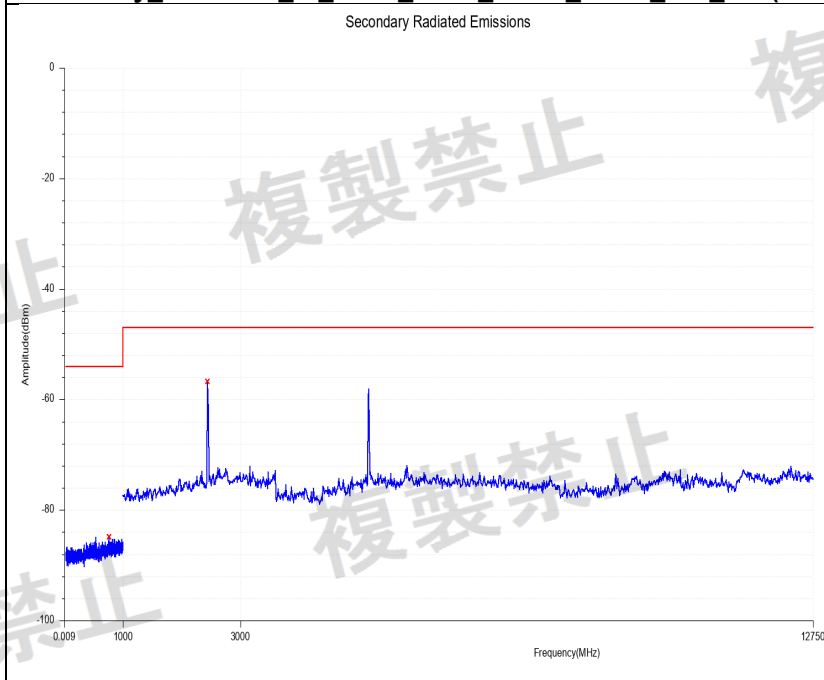
1k_Sample_NVNT_ANT1_802_11a_HCH_5210_16MHz

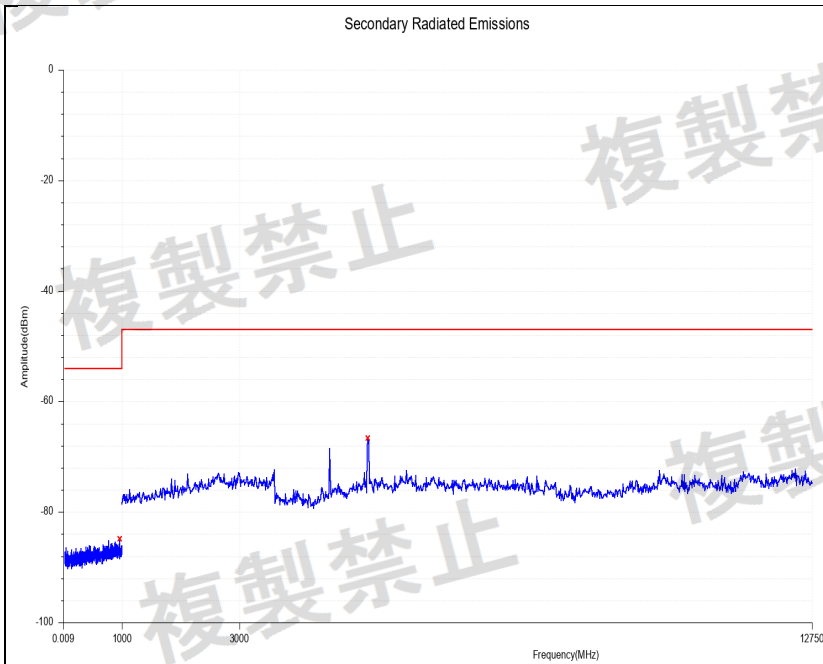
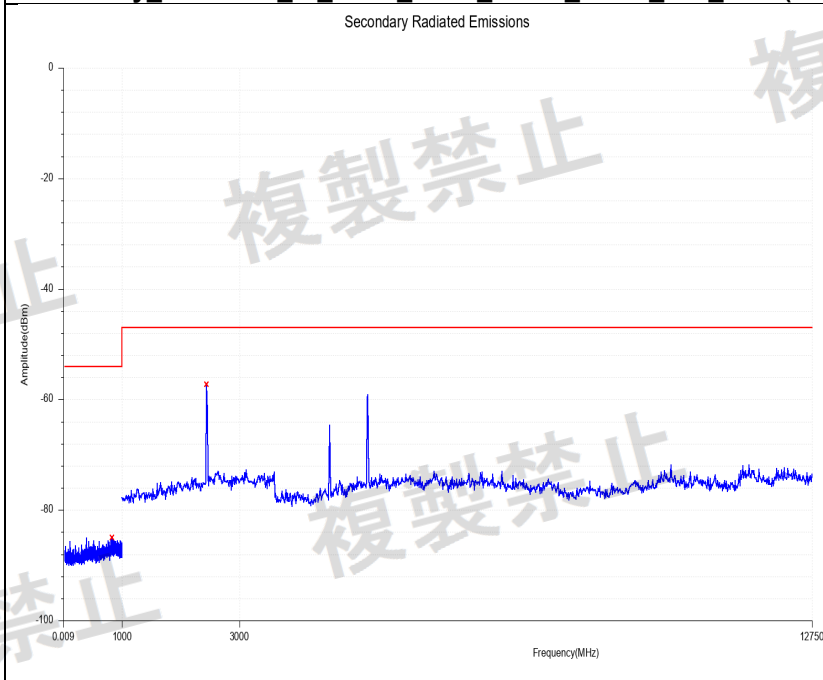


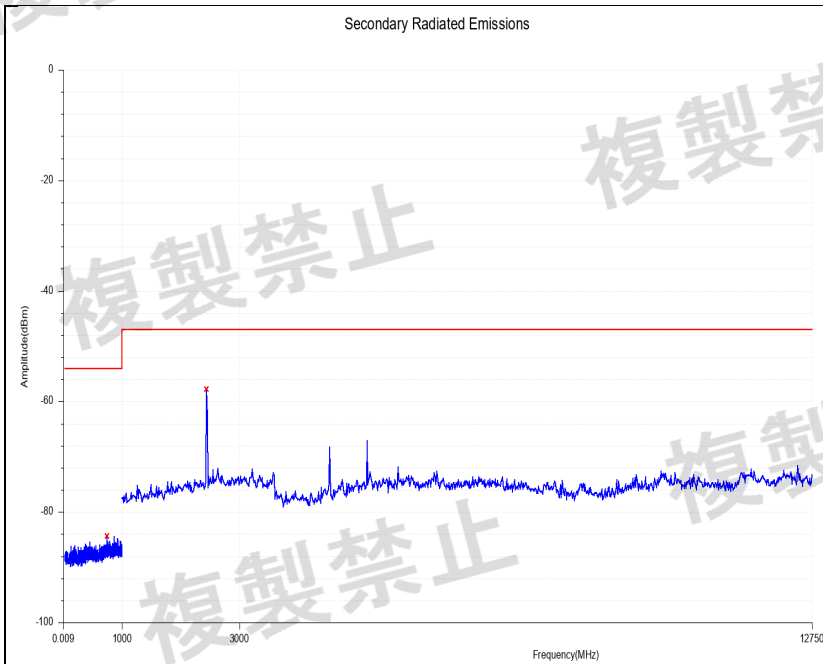
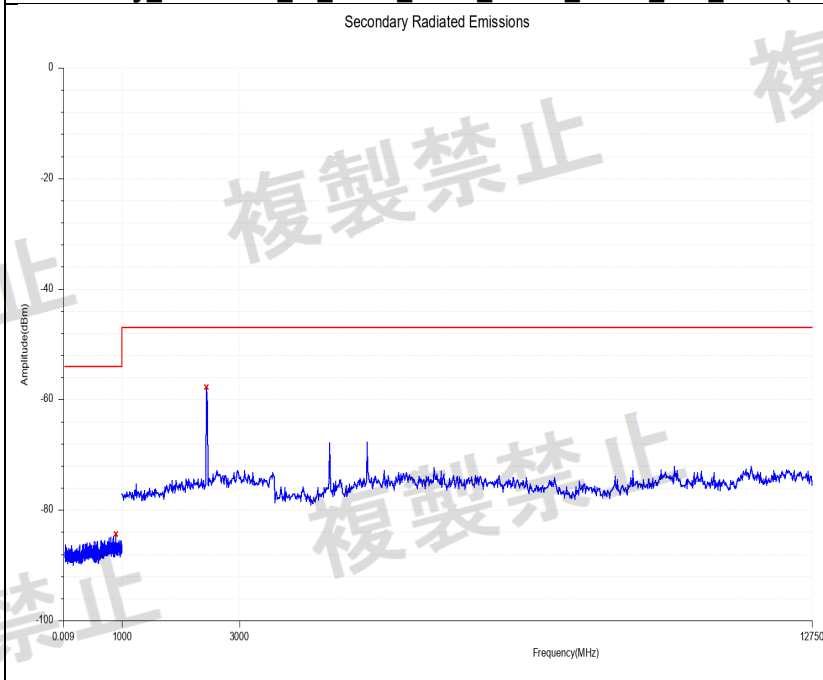
Secondary emission of radio wave NVNT_ANT2_802_11n(HT20)_LCH

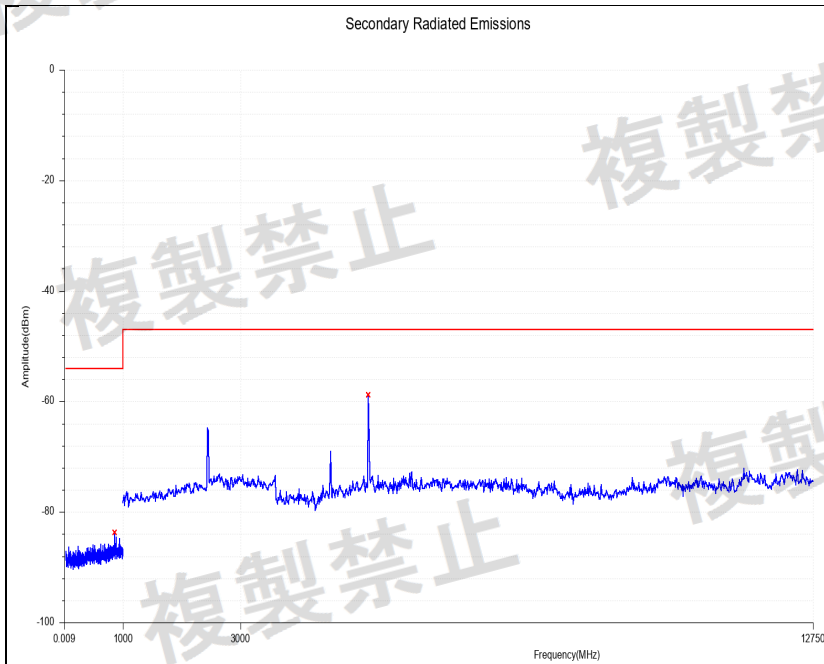
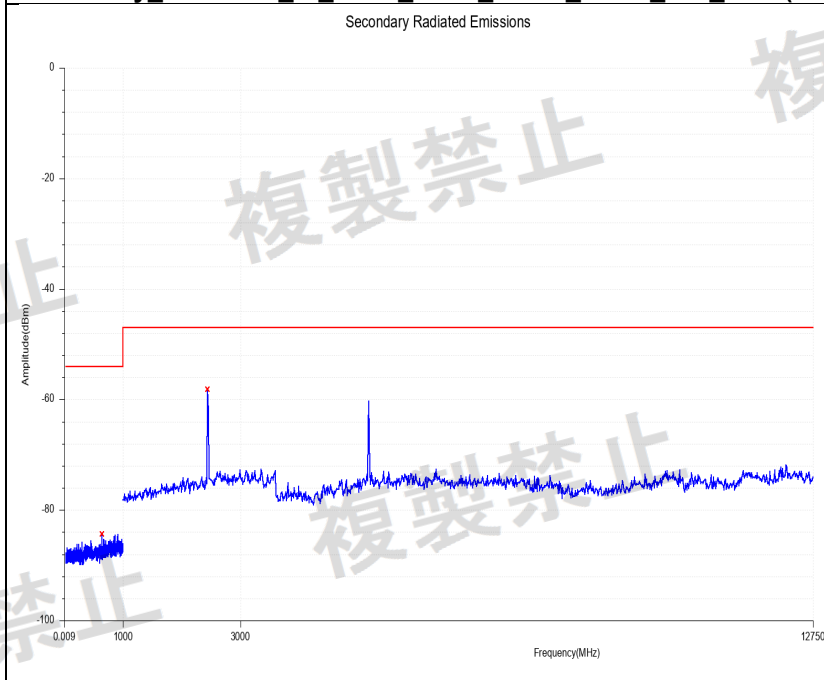
**Secondary emission of radio wave NVNT_ANT1_802_11n(HT20)_LCH****Secondary emission of radio wave NVNT_ANT2_802_11n(HT20)_MCH**

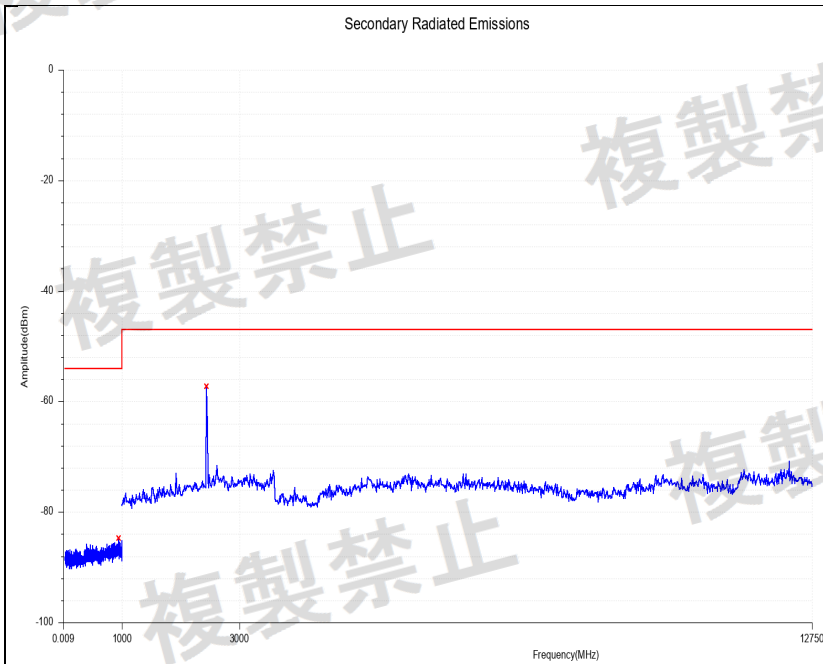
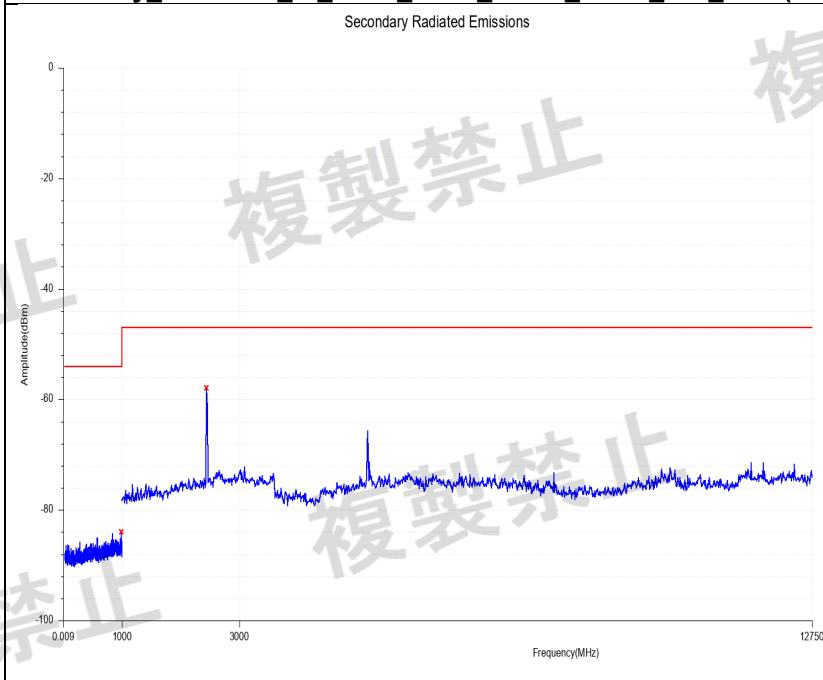
**Secondary emission of radio wave NVNT_ANT1_802_11n(HT20)_MCH****Secondary emission of radio wave NVNT_ANT2_802_11n(HT20)_HCH**

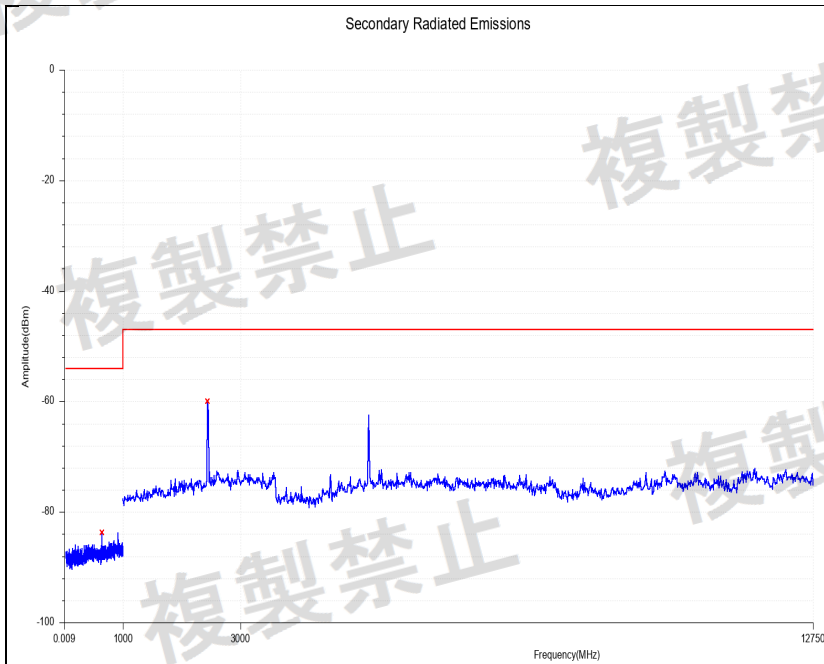
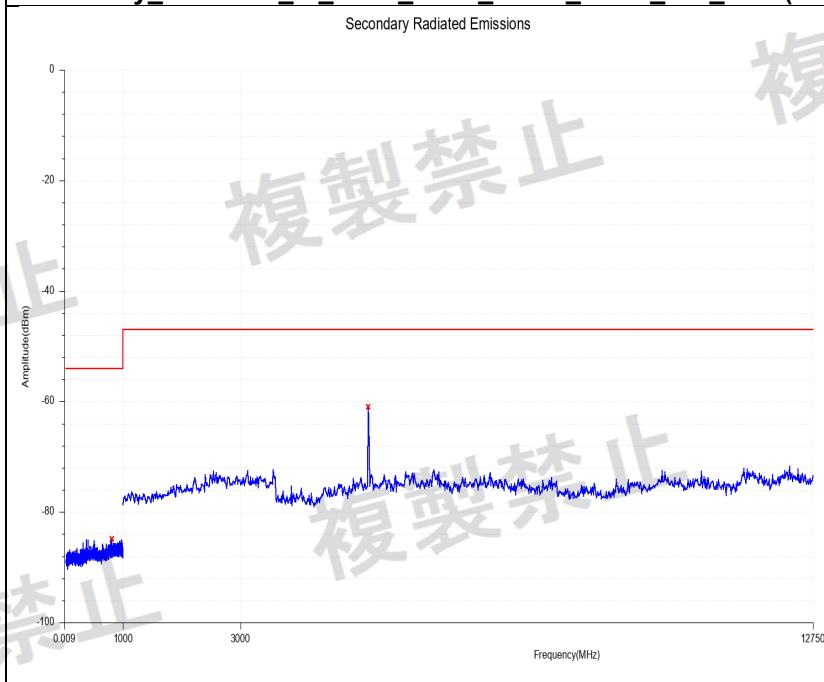
**Secondary emission of radio wave NVNT_ANT1_802_11n(HT20)_HCH****Secondary emission of radio wave NVNT_ANT2_802_11ac(VHT20)_LCH**

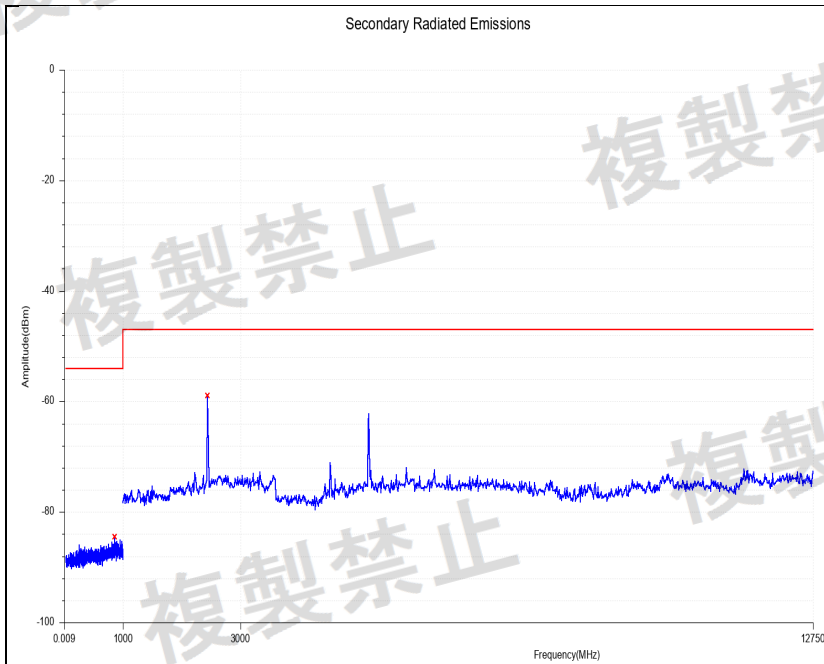
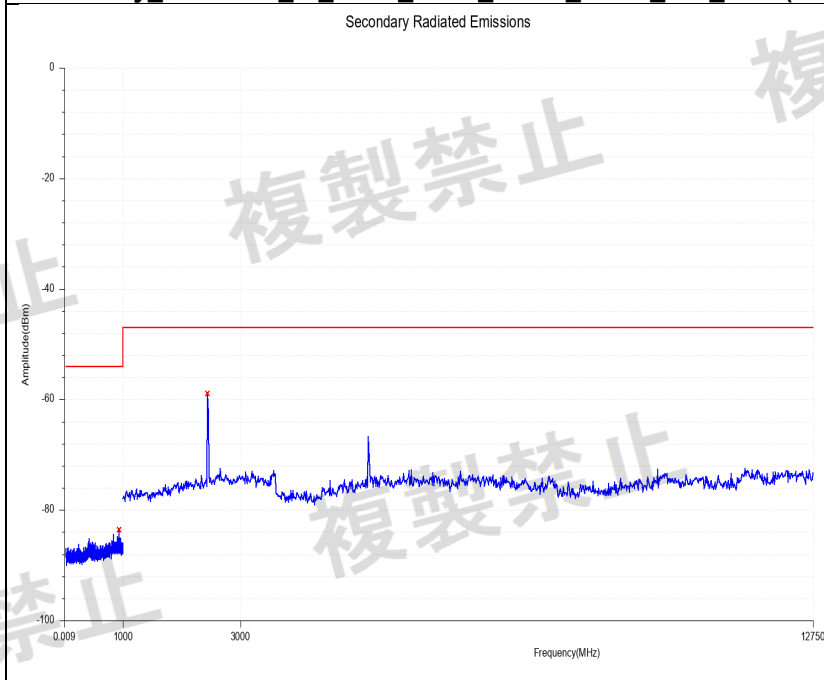
**Secondary emission of radio wave NVNT_ANT1_802_11ac(VHT20)_LCH****Secondary emission of radio wave NVNT_ANT2_802_11ac(VHT20)_MCH**

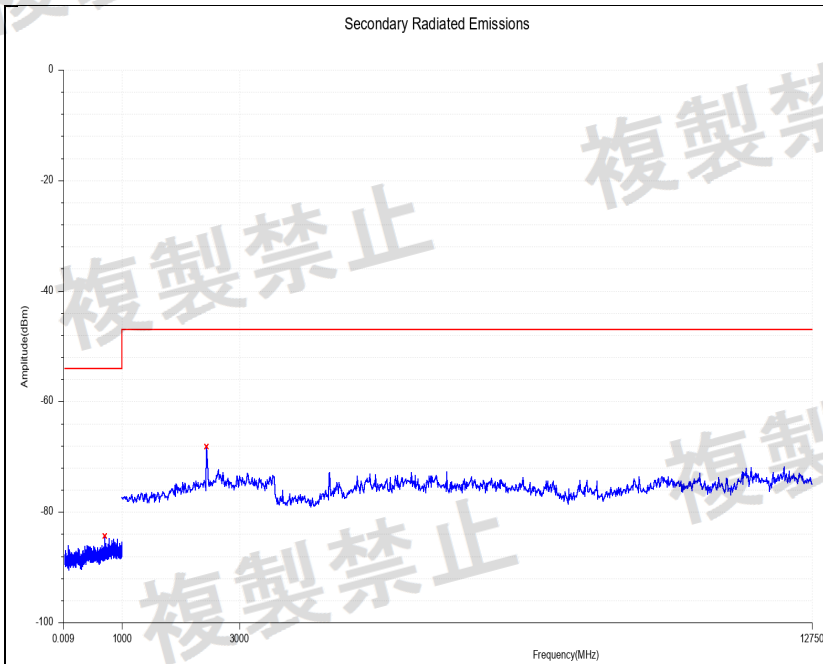
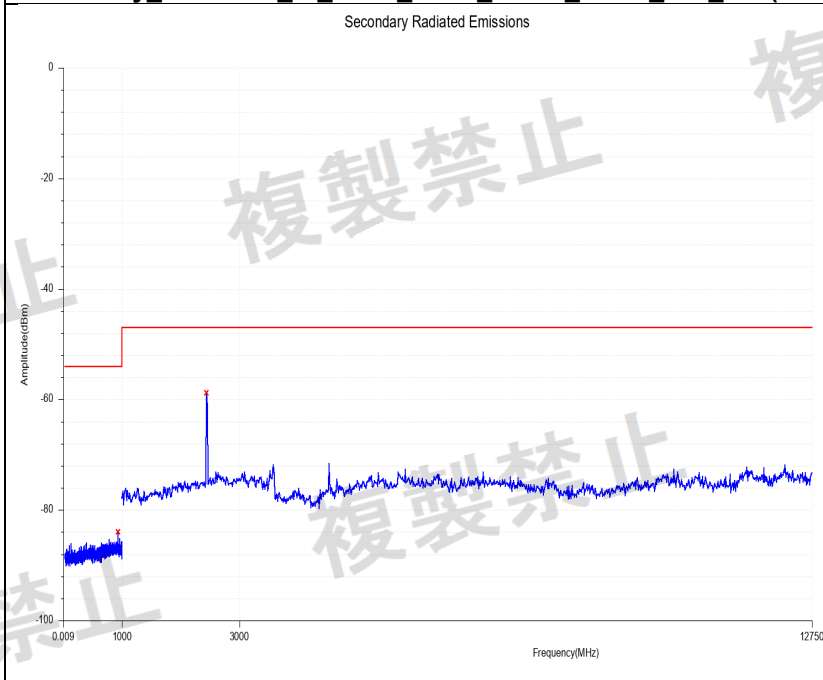
**Secondary emission of radio wave_NVNT_ANT1_802_11ac(VHT20)_MCH****Secondary emission of radio wave_NVNT_ANT2_802_11ac(VHT20)_HCH**

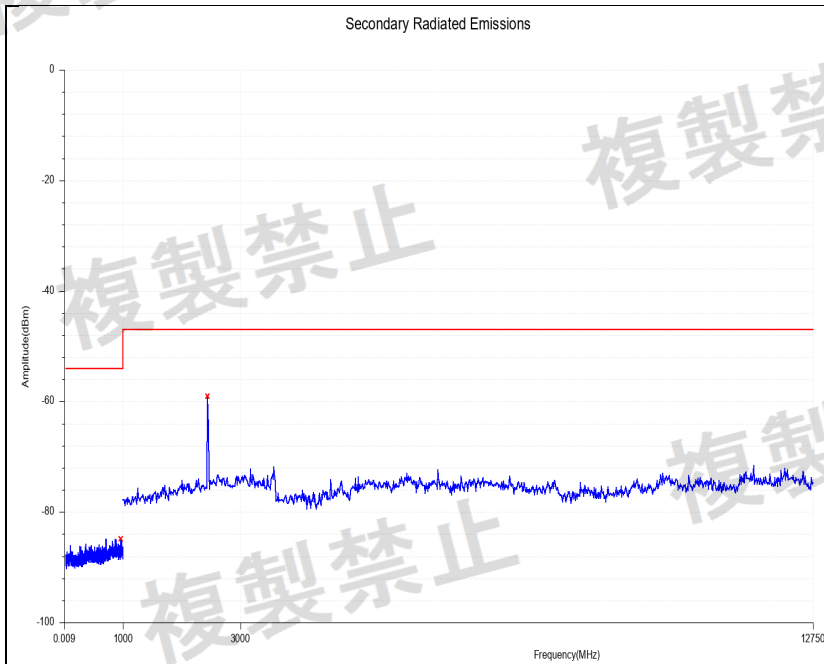
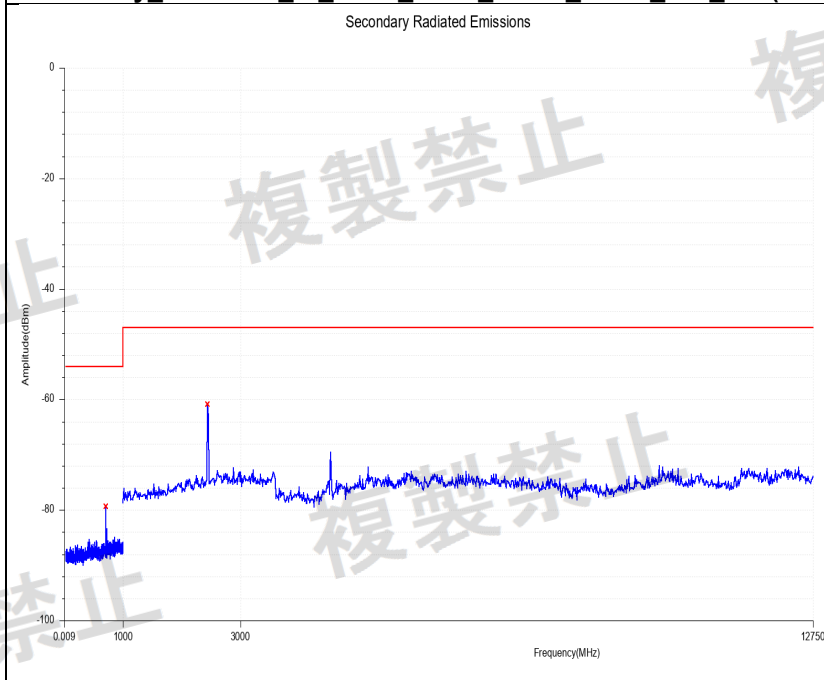
**Secondary emission of radio wave NVNT_ANT1_802_11ac(VHT20)_HCH****Secondary emission of radio wave NVNT_ANT2_802_11ax(HE20)_LCH**

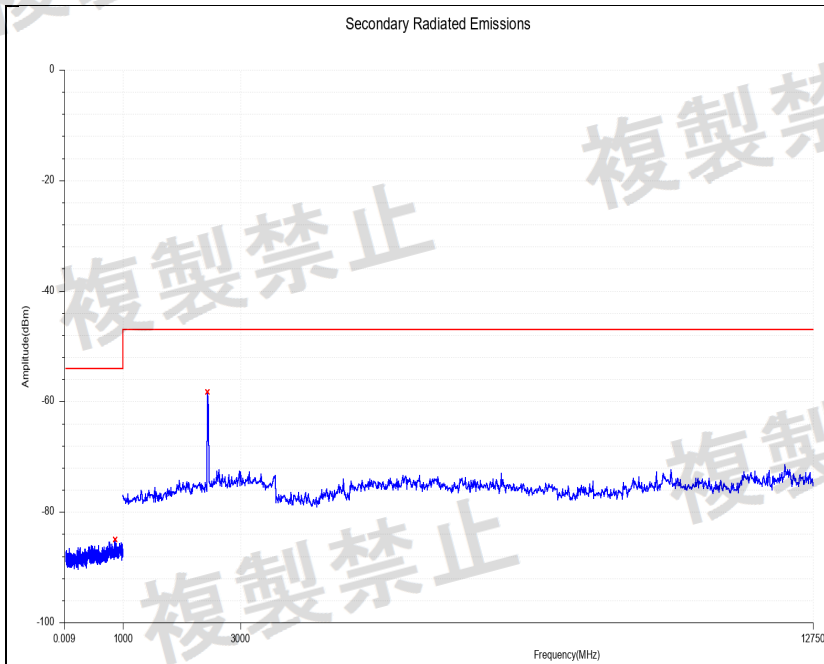
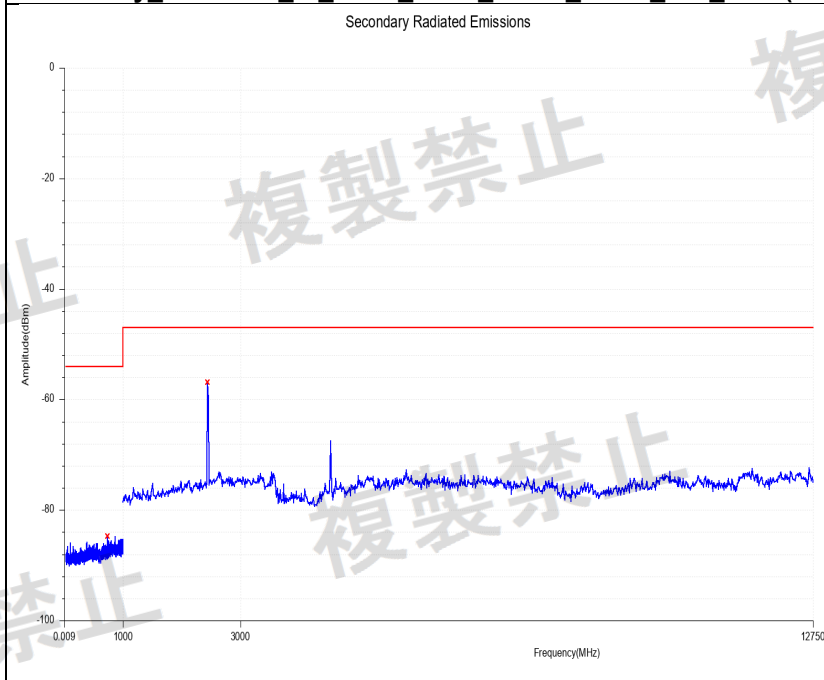
**Secondary emission of radio wave NVNT_ANT1_802_11ax(HE20)_LCH****Secondary emission of radio wave NVNT_ANT2_802_11ax(HE20)_MCH**

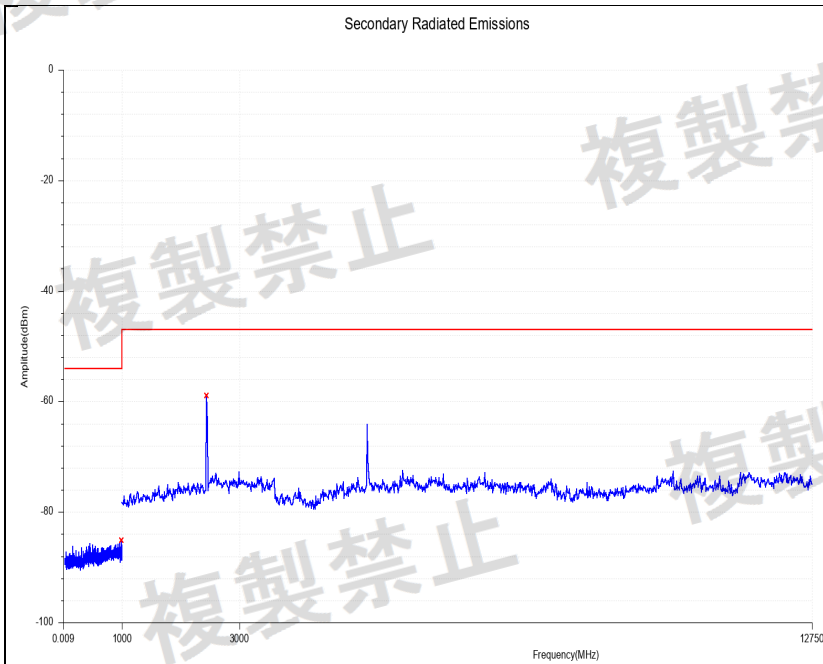
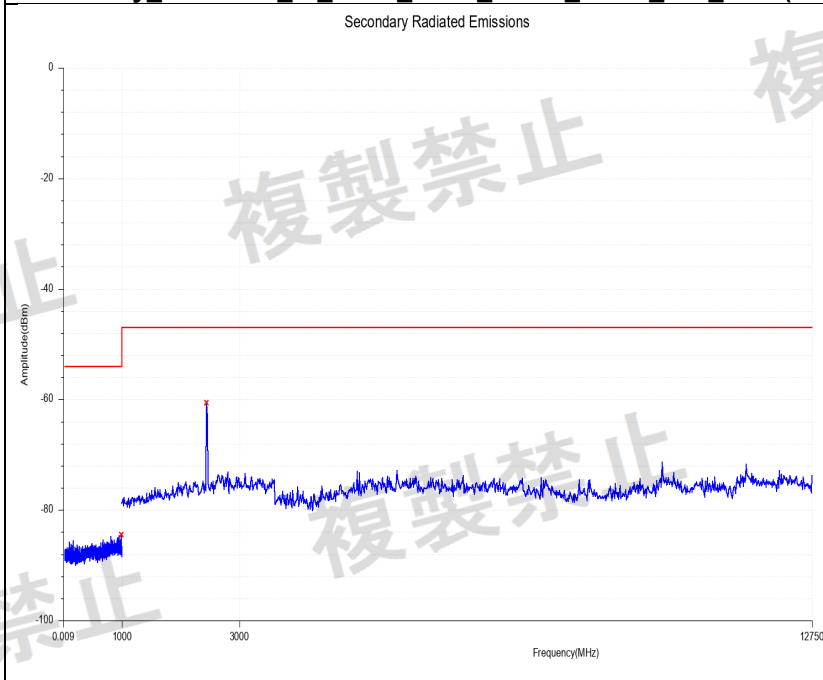
**Secondary emission of radio wave NVNT_ANT1_802_11ax(HE20)_MCH****Secondary emission of radio wave NVNT_ANT2_802_11ax(HE20)_HCH**

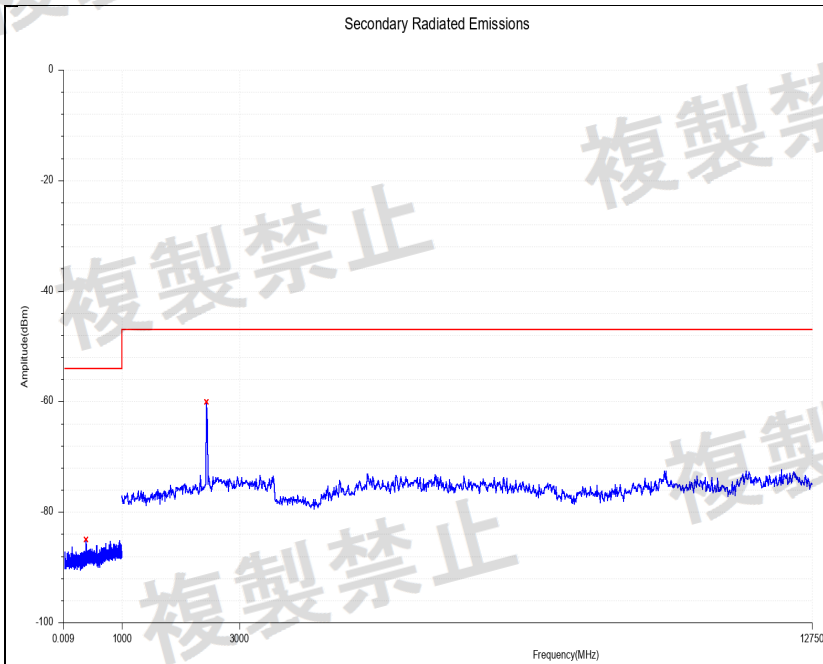
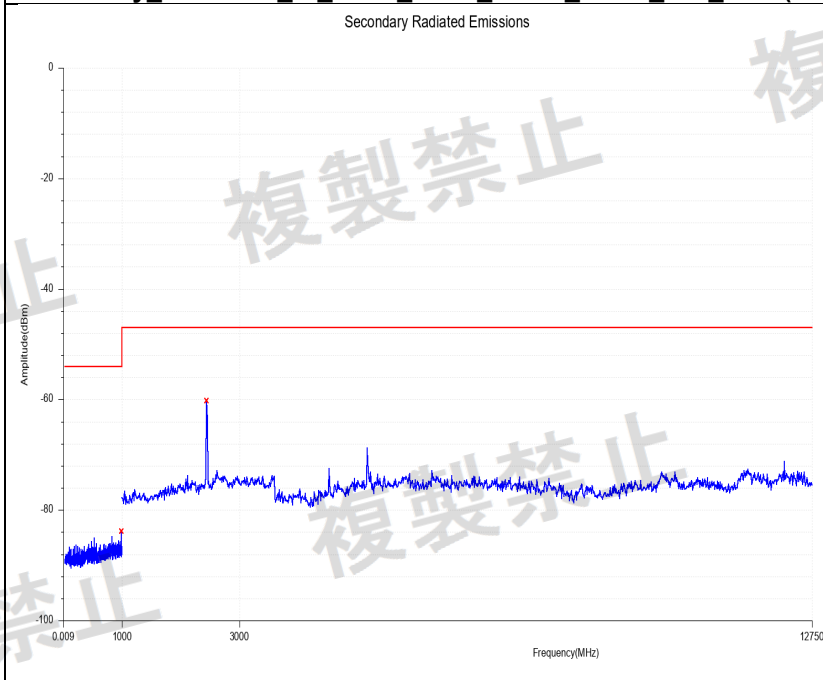
**Secondary emission of radio wave NVNT_ANT1_802_11ax(HE20)_HCH****Secondary emission of radio wave NVNT_ANT2_802_11n(HT40)_LCH**

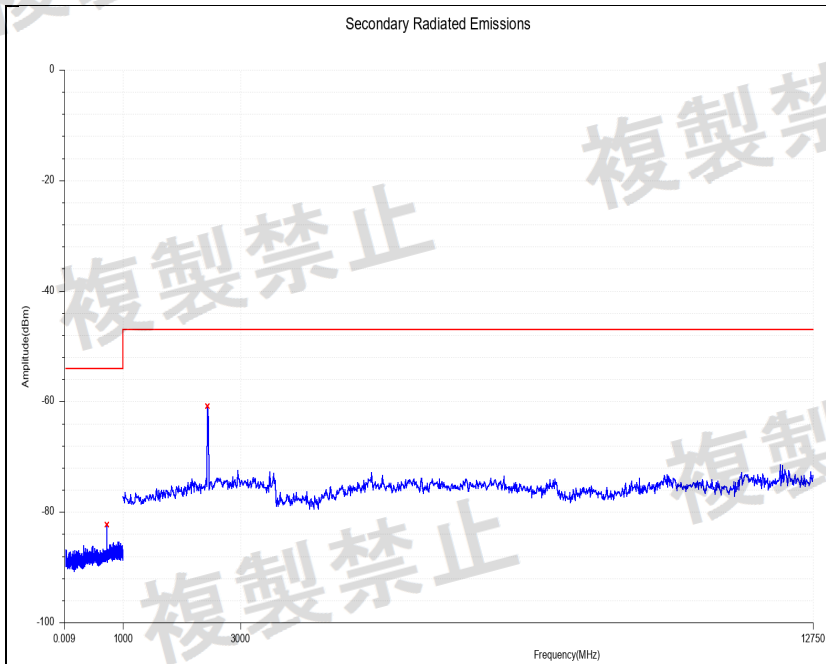
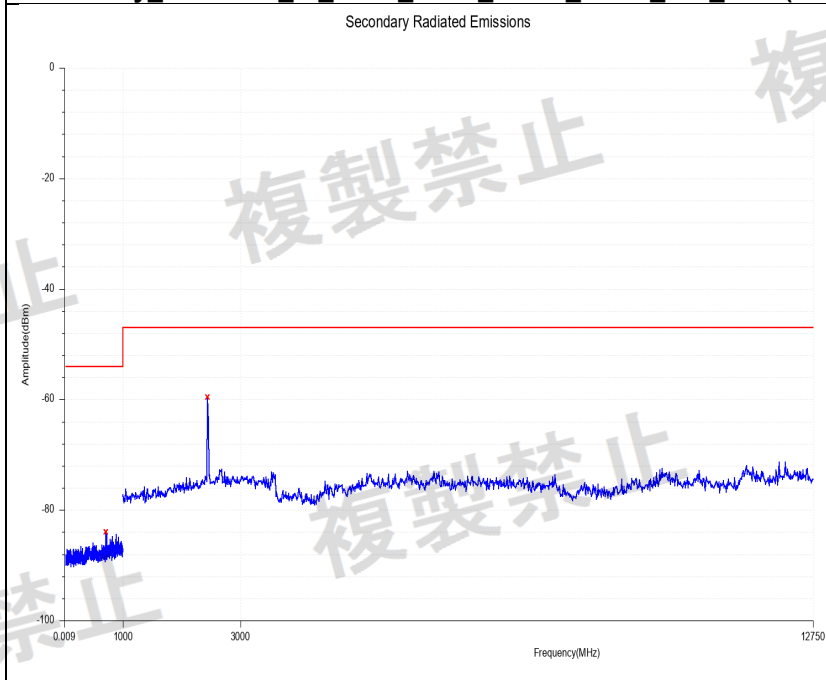
**Secondary emission of radio wave NVNT_ANT1_802_11n(HT40)_LCH****Secondary emission of radio wave NVNT_ANT2_802_11n(HT40)_HCH**

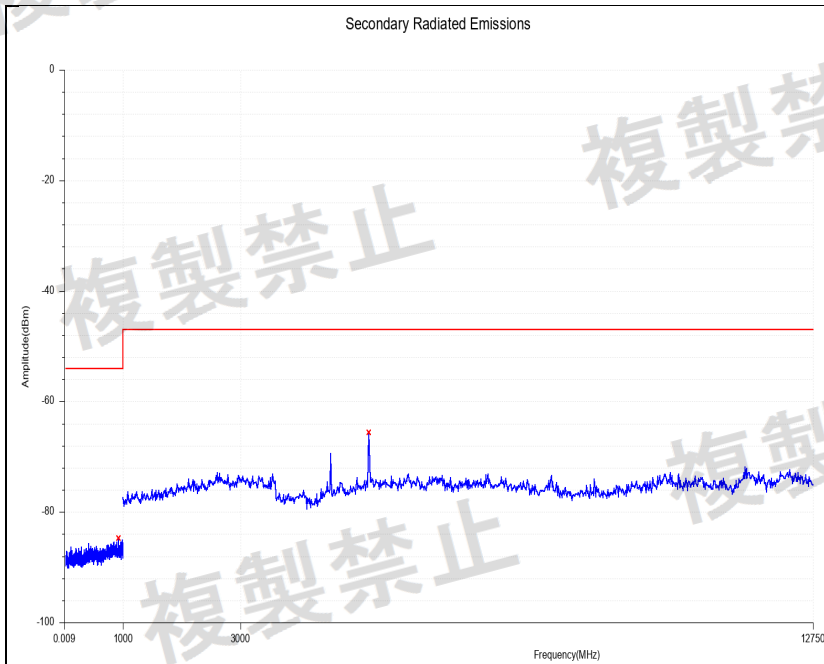
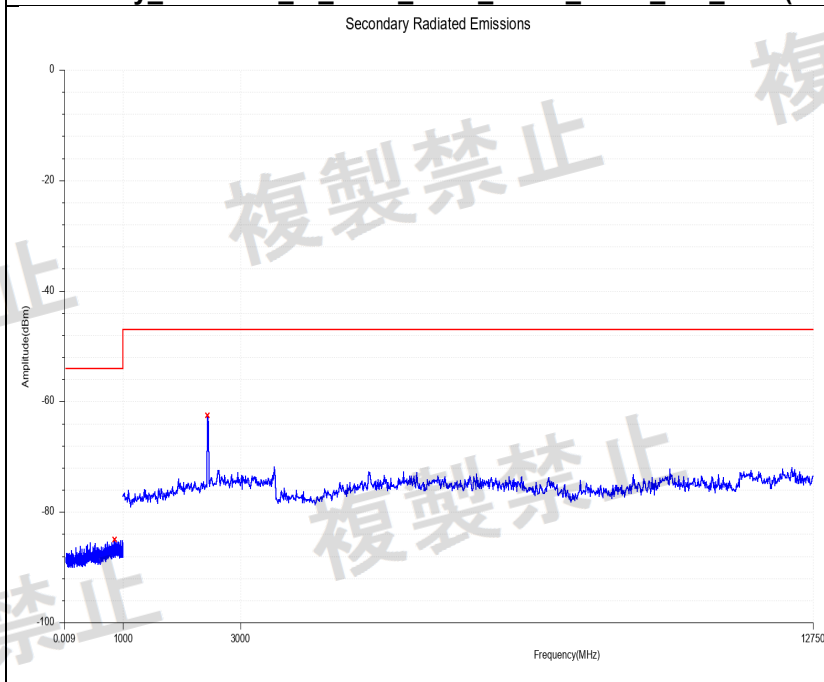
**Secondary emission of radio_wave_NVNT_ANT1_802_11n(HT40)_HCH****Secondary emission of radio_wave_NVNT_ANT2_802_11ac(VHT40)_LCH**

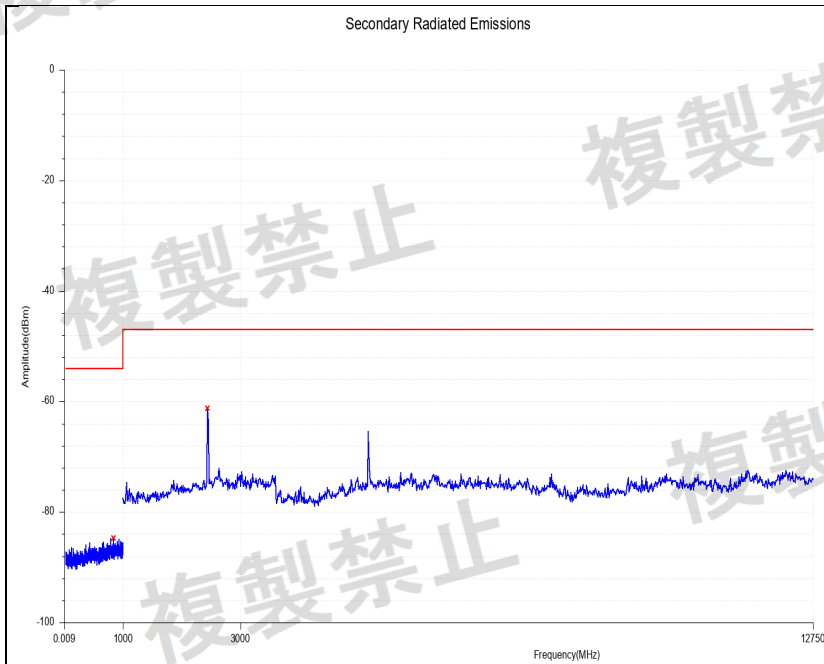
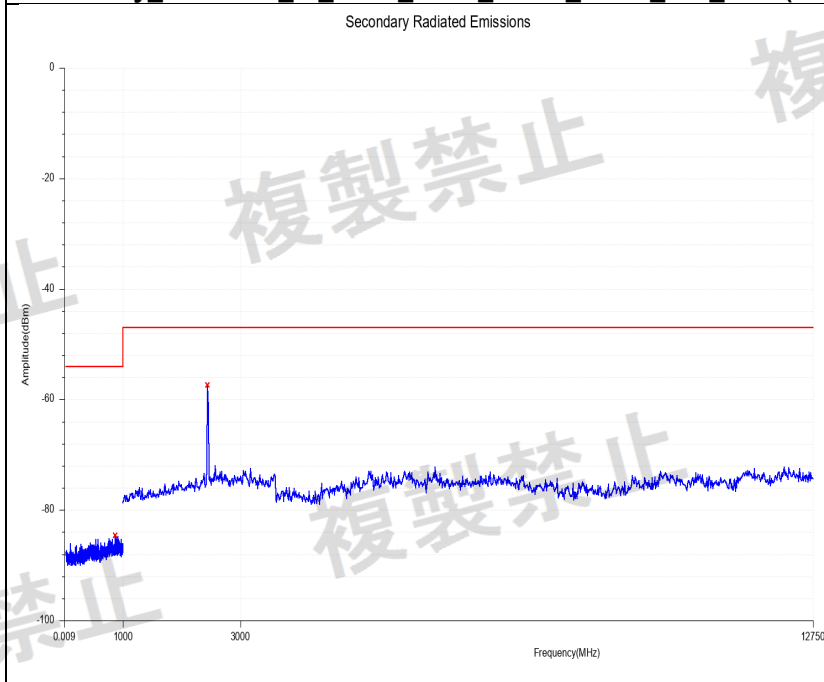
**Secondary emission of radio wave NVNT_ANT1_802_11ac(VHT40)_LCH****Secondary emission of radio wave NVNT_ANT2_802_11ac(VHT40)_HCH**

**Secondary emission of radio wave NVNT_ANT1_802_11ac(VHT40)_HCH****Secondary emission of radio wave NVNT_ANT2_802_11ax(HE40)_LCH**

**Secondary emission of radio wave NVNT_ANT1_802_11ax(HE40)_LCH****Secondary emission of radio wave NVNT_ANT2_802_11ax(HE40)_HCH**

**Secondary emission of radio wave NVNT_ANT1_802_11ax(HE40)_HCH****Secondary emission of radio wave NVNT_ANT2_802_11ac(VHT80)_MCH**

**Secondary emission of radio wave NVNT_ANT1_802_11ac(VHT80)_MCH****Secondary emission of radio wave NVNT_ANT2_802_11ax(HE80)_MCH**

**Secondary emission of radio_wave_NVNT_ANT1_802_11ax(HE80)_MCH**

Appendix A.7: Test Results of Burst Length

Condition	Antenna	Mode	Frequency	Burst Length(ms)	Limit(ms)	Result
NVNT	ANT1	802.11a	5180.00	0.510	8	Pass
NVNT	ANT2	802.11a	5180.00	0.510	8	Pass
NVNT	ANT1	802.11a	5200.00	0.250	8	Pass
NVNT	ANT2	802.11a	5200.00	0.250	8	Pass
NVNT	ANT1	802.11a	5240.00	0.250	8	Pass
NVNT	ANT2	802.11a	5240.00	0.250	8	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	0.690	8	Pass
NVNT	ANT2	802.11n(HT20)	5180.00	0.700	8	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	0.700	8	Pass
NVNT	ANT2	802.11n(HT20)	5200.00	0.690	8	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	0.690	8	Pass
NVNT	ANT2	802.11n(HT20)	5240.00	0.700	8	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	0.170	8	Pass
NVNT	ANT2	802.11ac(VHT20)	5180.00	0.170	8	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	0.170	8	Pass
NVNT	ANT2	802.11ac(VHT20)	5200.00	0.170	8	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	0.170	8	Pass
NVNT	ANT2	802.11ac(VHT20)	5240.00	0.170	8	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	0.110	8	Pass
NVNT	ANT2	802.11ax(HE20)	5180.00	0.110	8	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	0.110	8	Pass
NVNT	ANT2	802.11ax(HE20)	5200.00	0.110	8	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	0.110	8	Pass
NVNT	ANT2	802.11ax(HE20)	5240.00	0.110	8	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	0.490	8	Pass
NVNT	ANT2	802.11n(HT40)	5190.00	0.500	8	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	0.490	8	Pass
NVNT	ANT2	802.11n(HT40)	5230.00	0.500	8	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	0.110	8	Pass
NVNT	ANT2	802.11ac(VHT40)	5190.00	0.110	8	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	0.110	8	Pass
NVNT	ANT2	802.11ac(VHT40)	5230.00	0.100	8	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	0.100	8	Pass
NVNT	ANT2	802.11ax(HE40)	5190.00	0.110	8	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	0.110	8	Pass
NVNT	ANT2	802.11ax(HE40)	5230.00	0.100	8	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	0.070	8	Pass
NVNT	ANT2	802.11ac(VHT80)	5210.00	0.070	8	Pass
NVNT	ANT1	802.11ax(HE80)	5210.00	0.060	8	Pass
NVNT	ANT2	802.11ax(HE80)	5210.00	0.070	8	Pass



Appendix A.8: Test Results of Carrier sensing

Temperature:	24°C	Humidity:	56%RH
Test result:	Carrier sensing		

Type	Test channel	Result
11ac-VHT40	CH _{L40}	Acceptance
	CH _{M40}	
	CH _{H40}	
11ac-VHT80	CH _{L80}	Acceptance
	CH _{H80}	
11n-HT40	CH _{L40}	Acceptance
	CH _{M40}	
	CH _{H40}	
11ax-VHT40	CH _{L40}	Acceptance
	CH _{M40}	
	CH _{H40}	
11ax-VHT80	CH _{L80}	Acceptance
	CH _{H80}	
	CH _{M40}	
	CH _{H40}	

Appendix A.9: Test Results of Interference Prevention Function

Temperature:	24°C	Humidity:	56%RH
MAC address:	f9:e7:3a:d4:08:2d	Test result:	Conform