

RF TEST REPORT

For

AGM MOBILE LIMITED

Product Name: Smart PAD Tablet

Test Model(s): AGM_P3_COMPACT

Report Reference No. : DACE260723001RF004

Applicant's Name : AGM MOBILE LIMITED

Address : ROOM 1L, 7/F, LANE UP, 4 KIN FAT LANE, TUEN MUN HK, CHINA

Testing Laboratory : Shenzhen DACE Testing Technology Co., Ltd.

Address : 102, Building H1, & 1/F., Building H, Hongfa Science & Technology Park,
Tangtou Community, Shiyan Subdistrict, Bao'an District, Shenzhen,
Guangdong, China

Test Specification Standard : Article 2-1, Item 19-3

Date of Receipt : July 23, 2026

Date of Test : July 23, 2026 to August 12, 2026

Date of Issue : August 12, 2026

Result : Pass

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Apply for company information

Applicant's Name	:	AGM MOBILE LIMITED
Address	:	ROOM 1L, 7/F, LANE UP, 4 KIN FAT LANE, TUEN MUN HK, CHINA
Product Name	:	Smart PAD Tablet
Test Model(s)	:	AGM_P3_COMPACT
Series Model(s)	:	AGM_P3, AGM_P3_PRO
Test Specification Standard(s)	:	Article 2-1, Item 19-3

NOTE1:

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

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August 12, 2026

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August 12, 2026

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August 12, 2026

Revision History Of Report

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1 TEST SUMMARY

1.1 Test Standards

The tests were performed according to following standards:

Article 2-1, Item 19-3 : 5G WIFI

1.2 Summary of Test Result

Item	Standard	Method	Requirement	Result
Tolerance of Frequency	Article 2-1, Item 19-3	Article 2-1, Item 19-3 & 別表第四十五	Article 2-1, Item 19-3	Pass
Occupied Bandwidth (99%)	Article 2-1, Item 19-3	Article 2-1, Item 19-3 & 別表第四十五	Article 2-1, Item 19-3	Pass
Antenna Power and Tolerance	Article 2-1, Item 19-3	Article 2-1, Item 19-3 & 別表第四十五	Article 2-1, Item 19-3	Pass
Out of Band Emission	Article 2-1, Item 19-3	Article 2-1, Item 19-3 & 別表第四十五	Article 2-1, Item 19-3	Pass
Adjacent Channel Emitted Power	Article 2-1, Item 19-3	Article 2-1, Item 19-3 & 別表第四十五	Article 2-1, Item 19-3	Pass
Spurious Emission Intensity	Article 2-1, Item 19-3	Article 2-1, Item 19-3 & 別表第四十五	Article 2-1, Item 19-3	Pass
Secondary Radiated Emissions	Article 2-1, Item 19-3	Article 2-1, Item 19-3 & 別表第四十五	Article 2-1, Item 19-3	Pass
Carrier Sensing 1	Article 2-1, Item 19-3	Article 2-1, Item 19-3 & 別表第四十五	Article 2-1, Item 19-3	Pass
Interference Prevention Function	Article 2-1, Item 19-3	Article 2-1, Item 19-3 & 別表第四十五	Article 2-1, Item 19-3	Pass
Transmission Burst Length	Article 2-1, Item 19-3	Article 2-1, Item 19-3 & 別表第四十五	Article 2-1, Item 19-3	Pass
Interference Prevention Function	Article 2-1, Item 19-3	Article 2-1, Item 19-3 & 別表第四十五	Article 2-1, Item 19-3	Pass
RF Accessibility	Article 2-1, Item 19-3	/	Article 49-20, paragraph 1(a)	Pass

1.3 Test Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Power	Temperature	Normal Temperature:	25°C
Type-C port	Voltage	Normal Voltage	DC5.0V
		Low Voltage	DC4.5V
		High Voltage	DC5.5V
	Other	Relative Humidity	55 %
		Air Pressure	101 kPa

When the external power supply voltage is normal Voltage/ low Voltage/ high Voltage, in the RF circuit, monitor the BT chip power supply voltage, the voltage is as follows:

External power supply	module input power	RF chip voltage	Tolerance (%)
AC100V	DC 3.3V	DC 3.3V	0
AC90V	DC 3.3V	DC 3.3V	0
AC110V	DC 3.3V	DC 3.3V	0

Note: The power supply supplies the voltage rating and the voltage rating $\pm 10\%$. However, when it can be confirmed that the change of the input voltage to the wireless part circuit of the testing machine is $\pm 1\%$ or less when the input voltage to the testing machine from the external source changes at $\pm 10\%$, examines it only by the voltage rating.

2 GENERAL INFORMATION

2.1 Client Information

Applicant's Name : AGM MOBILE LIMITED
Address : ROOM 1L, 7/F, LANE UP, 4 KIN FAT LANE, TUEN MUN HK, CHINA

Manufacturer : AGM MOBILE LIMITED
Address : ROOM 1L, 7/F, LANE UP, 4 KIN FAT LANE, TUEN MUN HK, CHINA

2.2 Description of Device (EUT)

Product Name:	Smart PAD Tablet
Model/Type reference:	AGM_P3_COMPACT
Series Model:	AGM_P3, AGM_P3_PRO
Model Difference:	The product has many models, only the model name and color is different, and the other parts such as the circuit principle, pcb and electrical structure are the same.
Trade Mark:	AGM
Power Supply:	DC 9V/2A from adapter Battery:DC3.85V 7200mAh
Operation Frequency:	802.11a/n(HT20)/ac(HT20): NII Band 1: 5180MHz to 5240MHz; U-NII Band 2A: 5260MHz to 5320MHz; U-NII Band 2C: 5500MHz to 5720MHz; 802.11n(HT40)/ac(HT40): NII Band 1: 5190MHz to 5230MHz; U-NII Band 2A: 5270MHz to 5310MHz; U-NII Band 2C: 5510MHz to 5710MHz; 802.11ac(HT80): U-NII Band 1: 5210MHz; U-NII Band 2A: 5290MHz; U-NII Band 2C: 5530MHz to 5690MHz;
Number of Channels:	802.11a/n(HT20)/ac(HT20): NII Band 1: 4; U-NII Band 2A: 4; U-NII Band 2C: 12; 802.11n(HT40)/ac(HT40): NII Band 1: 2; U-NII Band 2A: 2; U-NII Band 2C: 6; 802.11ac(HT80): NII Band 1: 1; U-NII Band 2A: 1; U-NII Band 2C: 3;
Rate:	802.11a: 6Mbps,9Mbps,12Mbps,18Mbps,24Mbps,36Mbps,48Mbps,54Mbps 802.11n: MCS0,MCS1,MCS2,MCS3,MCS4,MCS5,MCS6,MCS7 802.11ac: MCS0,MCS1,MCS2,MCS3,MCS4,MCS5,MCS6,MCS7, MCS8, MCS9
Nnumber of subcarrier:	$\geq 1/\text{MHz}$
Device Type:	Slave Device(Not support TPC)
Antenna Type:	FPC Antenna
Antenna Gain:	3.07dBi
Hardware Version:	V1.0
Software Version:	V1.0

2.3 Description of Test Modes

No	Title	Description
TM1	802.11a mode	Keep the EUT in continuously transmitting at 802.11a mode.
TM2	802.11n(HT20) mode	Keep the EUT in continuously transmitting at 802.11n(HT20) mode.
TM3	802.11n(HT40) mode	Keep the EUT in continuously transmitting at 802.11n(HT40) mode.
TM4	802.11ac(VHT20) mode	Keep the EUT in continuously transmitting at 802.11ac(VHT20) mode.
TM5	802.11ac(VHT40) mode	Keep the EUT in continuously transmitting at 802.11ac(VHT40) mode.
TM6	802.11ac(VHT80) mode	Keep the EUT in continuously transmitting at 802.11ac(VHT80) mode.
TM7	Receiving mode (20MHz)	Keep the EUT in receiving mode with 20MHz bandwidth.
TM8	Receiving mode (40MHz)	Keep the EUT in receiving mode with 40MHz bandwidth.
TM9	Receiving mode (80MHz)	Keep the EUT in receiving mode with 80MHz bandwidth.
TM10	Normal mode	Keep the EUT in normal communication with pairing device mode.

We have verified the construction and function of the EUT under typical operation. All test items were carried out with the EUT in the above test modes. The reported test results represent the worst-case mode and worst-case setup, utilizing the following lowest data rates: 6 Mbps for 802.11a, 6.5 Mbps for 802.11n (HT20), 13.5 Mbps for 802.11n (HT40), and 58.5 Mbps for 802.11ac (VHT80)."

2.4 Description of Support Units

Title	Manufacturer	Model No.	Serial No.
PC	HP	TPC-W032-SF	N/A

2.5 Equipments Used During The Test

Antenna Power and Tolerance
Adjacent Channel Emitted Power
Spurious Emission Intensity
Secondary Radiated Emissions
Carrier Sensing 1
Tolerance of Frequency
Occupied Bandwidth (99%)

Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
RF Test Software	Tachoy Information Technology(she n zhen) Co.,Ltd.	RTS-01	V1.0.0	2026-04-14	2027-04-13
Power divider	MIDEWEST	PWD-2533	SMA-79	2026-04-16	2027-04-15
RF Sensor Unit	Tachoy Information Technology(she n zhen) Co.,Ltd.	TR1029-2	000001	2026-04-14	2027-04-13
Wideband radio communication tester	R&S	CMW500	113410	2026-04-14	2027-04-13
Vector Signal Generator	Keysight	N5181A	MY50143455	2025-12-02	2026-12-01
Signal Generator	Keysight	N5182A	MY48180415	2025-12-02	2026-12-01
Spectrum Analyzer	Keysight	N9020A	MY53420323	2025-12-02	2026-12-01
Power meter	Agilent	E4416	MY48200166	2025-12-06	2026-12-05

Remark.

(a) Calibration conducted by the National institute of information and communications Technolog(NICT) in Japan (hereinafter referred to as "NICT") or a designated calibration agency under Article102-18 paragraph in JRL.

(b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the MeasuremenAct (Act No. 51 of 1992).

(c) Calibration conducted in countries except japan, which shall be equivalent to the calibrationconducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

(d) Calibration, etc. conducted by using measuring instruments and other equipment listed in the rightcolumn of appended table No. 3, which shall have been given any type of calibration, etc. listedabove from (a) to (c).

The calibration corresponds to c described above.

Note: The test equipment is calibrated by GUANGZHOU NEM METROLOGY&TEST TECHNOLOGY CO., LTD., Add: 2/F Building 1, No.176, Hedong Road, Liwan District, Guangzhou, Guangdong, China

2.6 Statement Of The Measurement Uncertainty

Test Item	Measurement Uncertainty
Radio Frequency	$\pm 2 \times 10^{-7}$
Occupied Bandwidth	$\pm 3.63\%$
RF conducted power	$\pm 0.733\text{dB}$
Conducted Spurious emissions	$\pm 1.98\text{dB}$
RF conducted power	$\pm 0.733\text{dB}$
RF power density	$\pm 0.234\%$
Duty cycle	$\pm 3.1\%$
Note: (1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

2.7 Identification of Testing Laboratory

Company Name:	Shenzhen DACE Testing Technology Co., Ltd.
Address:	102, Building H1, & 1/F., Building H, Hongfa Science & Technology Park, Tangtou Community, Shiyan Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Phone Number:	+86-13267178997
Fax Number:	86-755-29113252
FCC Registration Number:	0032847402
Designation Number:	CN1342
Test Firm Registration No.:	778666
A2LA Certificate Number:	6270.01

2.8 Announcement

The product is a Slave device that meets the following two requirements: 1 Chooses the frequency which transmits automatically by the control from a "master station". 2.Transmission and a stop of a radio wave are performed by the control from a "master station"

3 Evaluation Results (Evaluation)

3.1 Interference Prevention Function

Test Requirement:	The EUT shall support one of the following functions: - Automatic identification transmission - Automatic identification reception
Test Method:	Notification No.88 of MIC, 2004
Procedure:	(1) For EUTs capable of automatically transmitting identification data a. Transmit identification data from EUT to Demodulator b. Confirm identification data is correctly received by Demodulator (2) For EUTs capable of automatically receiving identification data a. Transmit identification data from Link Partner to EUT b. Confirm communication link is established c. Link Partner shall respond by transmitting different identification data back to the EUT d. Confirm EUT stops transmitting, or confirm EUT recognizes that the two identification data are different

3.1.1 Conclusion:

The detected ID of the device is below:

01:E9:18:DA:CC:69

Test result: The device meet the requirements
PASS

4 Radio Spectrum Matter Test Results (RF)

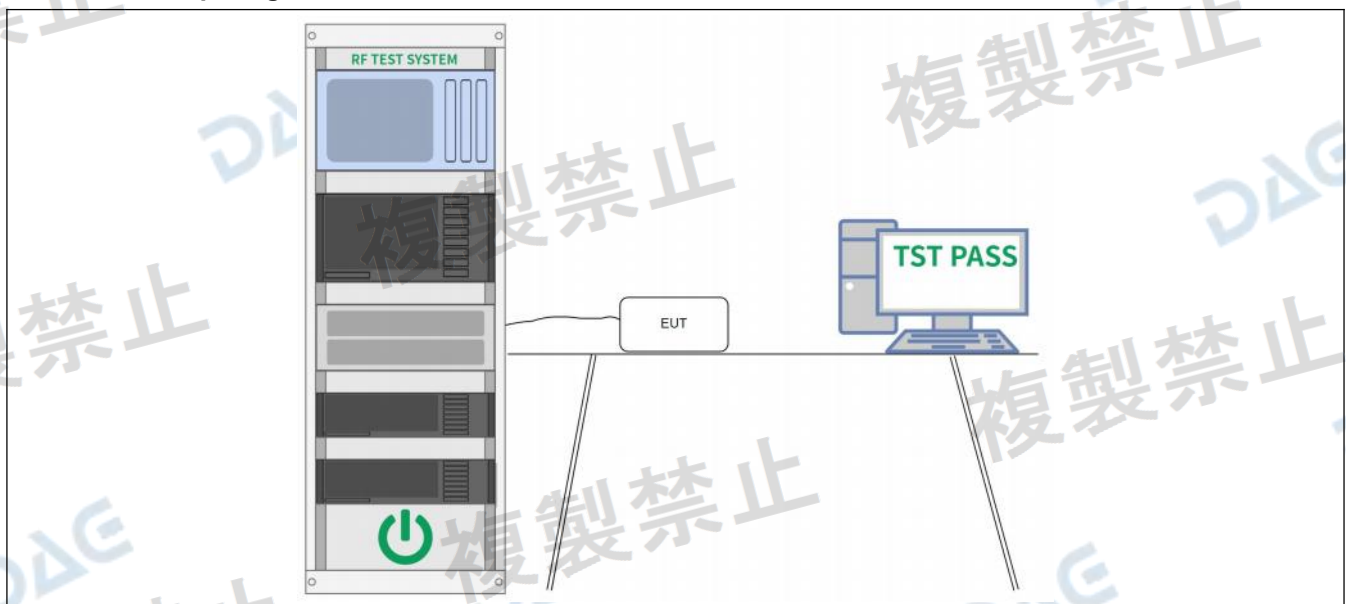
4.1 Tolerance of Frequency

Test Requirement:	Article 2-1, Item 19-3		
Test Limit:	± 20ppm		
Test Method:	Center frequency:	Test frequency	
	Span:	1 MHz	
	RBW:	10 kHz	
	VBW:	30 kHz	
	Sweep data points:	1001 or greater	
	Sweep time:	Auto	
	Detector mode:	Positive peak	
	Indication mode:	Max hold	
Procedure:	(1) Find the peak carrier signal and measure its frequency (2) For multiple antenna systems each antenna shall be measured (3) For an EUT with multiple antennas it is permissible to test a single antenna only, provided all the antenna measurement values are expected to be same for either of the following reasons: a) The frequency of all antenna transmissions are phase-synchronized to a common (fundamental) oscillator b) The antenna transmissions share a common clock signal		

4.1.1 E.U.T. Operation:

Operating Environment:					
Temperature:	23.8 °C	Humidity:	49 %	Atmospheric Pressure:	102 kPa
Pretest mode:		TM8			
Final test mode:		TM8			

4.1.2 Test Setup Diagram:



4.1.3 Test Data:

Please Refer to Appendix for Details.

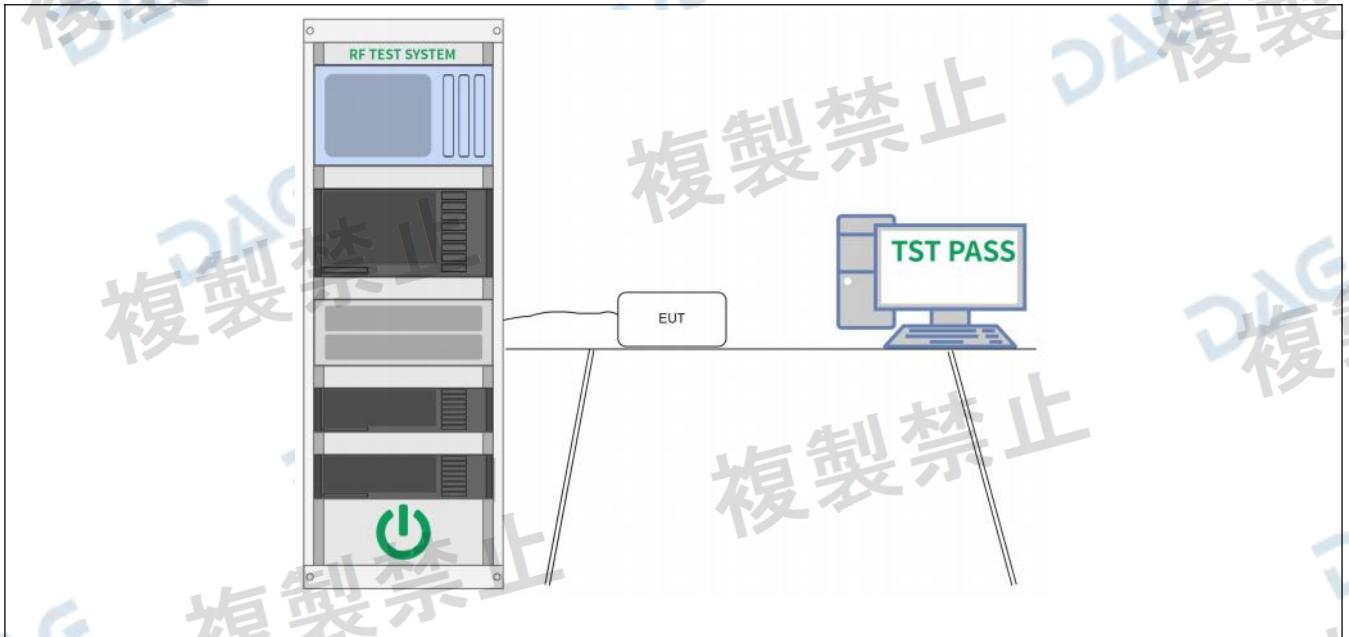
4.2 Occupied Bandwidth (99%)

Test Requirement:	Article 2-1, Item 19-3	
Test Limit:	DSSS: 18MHz OFDM:20/40/80/160MHz	
Test Method:	[Occupied Bandwidth (99%)]	
	Center Frequency:	Test frequency
	Span:	2 – 3.5 times the technical standard
	RBW:	Within 3% of the technical standard
	VBW:	Same as RBW
	Sweep time:	Auto
	Sweep data points:	1001 or greater
	Detector mode:	Positive peak
	Indication mode:	Max hold
	BW setting:	99%
Procedure:	(1) Measure the signal bandwidth using a spectrum analyzer (2) For multiple antenna systems: a) Each antenna shall be individually measured b) If the measured occupied bandwidth for any antenna exceeds [(Occupied Bandwidth Limit) – 100kHz] then, in addition, the occupied bandwidth shall be measured with all antennas combined – see diagram below:  System with four Antennas	

4.2.1 E.U.T. Operation:

Operating Environment:					
Temperature:	23.8 °C	Humidity:	49 %	Atmospheric Pressure:	102 kPa
Pretest mode:	TM1, TM2, TM3, TM4, TM5, TM6				
Final test mode:	TM1, TM2, TM3, TM4, TM5, TM6				

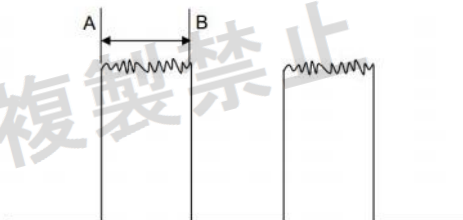
4.2.2 Test Setup Diagram:



4.2.3 Test Data:

Please Refer to Appendix for Details.

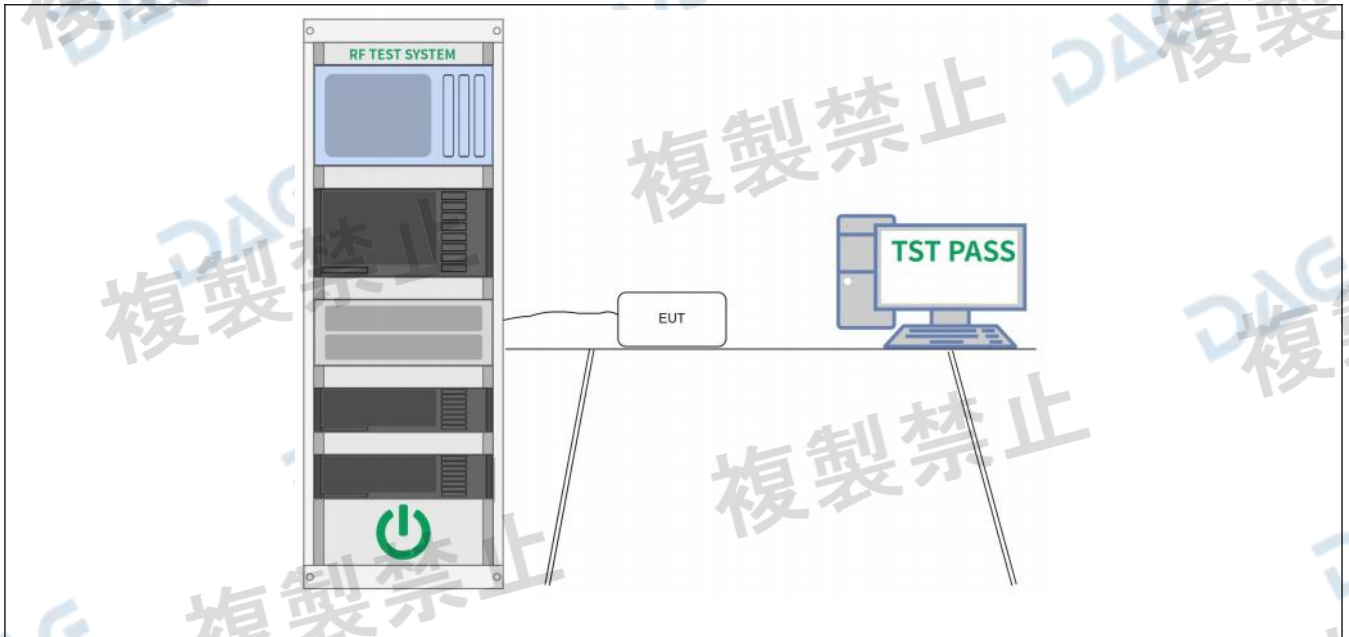
4.3 Antenna Power and Tolerance

Test Requirement:	Article 2-1, Item 19-3	
Test Limit:	10 mW/MHz or less for DSSS and OFDM 20MHz Bandwidth; 5mW/MHz or less for OFDM 40MHz Bandwidth; 2.5mW/MHz or less for OFDM 80MHz Bandwidth; 1.25mW/MHz or less for OFDM 80+80MHz or 160MHz Bandwidth; Antenna power tolerance: -80% ~ +20% for 5150~5250MHz and 5250~5350MHz; -50% ~ +50% for 5470~57250MHz;	
Test Method:	[Setting 1] – Search for peak power frequency	
	Center Frequency:	Test frequency
	Span:	Approximately twice the occupied bandwidth
	RBW:	1MHz
	VBW:	1MHz
	Sweep time:	Auto
	Sweep data points:	1001 or greater
	Detector mode:	Positive peak
	Indication mode:	Max hold
	[Setting 2] – Measurement of average antenna power for FHSS, DSSS, OFDM	
	Frequency:	Frequency of peak power found using [Setting 1]
	Span:	0 Hz
	RBW:	1 MHz
	Detector mode:	Sample
	Sweep data points:	1001 or greater
	After configuring the spectrum analyzer to [Setting 2], measure the Average Burst Power of the frequency found in (1) Antenna Power (W/MHz) = Average Burst Power	
	Note: Measure the period A-B in the figure below:	
	 Measurement of Average Burst Power (A to B)	
After configuring the spectrum analyzer to [Setting 1], find the frequency of maximum transmitted power After configuring the spectrum analyzer to [Setting 2], measure the Average Burst Power of the frequency found in (1) Antenna Power (W/MHz) = Average Burst Power		

4.3.1 E.U.T. Operation:

Operating Environment:					
Temperature:	23.8 °C	Humidity:	49 %	Atmospheric Pressure:	102 kPa
Pretest mode:	TM1, TM2, TM3, TM4, TM5, TM6				
Final test mode:	TM1, TM2, TM3, TM4, TM5, TM6				

4.3.2 Test Setup Diagram:



4.3.3 Test Data:

Please Refer to Appendix for Details.

4.4 Out of Band Emission

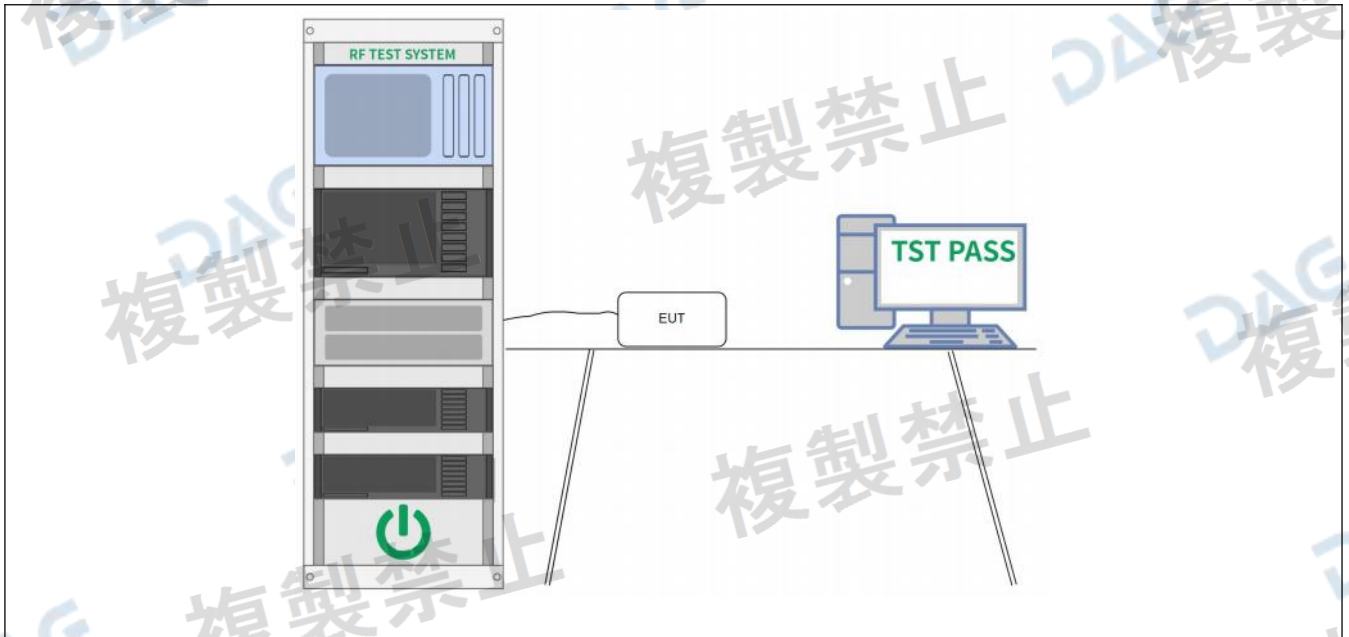
Test Requirement:	Article 2-1, Item 19-3																																																																																																																																										
Test Limit:	<table><tr><th colspan="2">20MHz system</th><th colspan="2">WS2</th></tr><tr><th>OBW : 18MHz or less</th><th>OBW : 18 ~ 20 MHz</th><th>40MHz system</th><th>80MHz system</th></tr><tr><td>5.142 MHz or less : 2.5 μV/MHz</td><td>5.142 MHz or less : 2.5 μV/MHz</td><td>5.141.6 MHz or less : 2.5 μV/MHz</td><td>5.123.2 MHz or less : 2.5 μV/MHz</td></tr><tr><td>5.142 ~ 5.150 MHz : 15 μV/MHz</td><td>5.142 ~ 5.150 MHz : 15 μV/MHz</td><td>5.141.6 ~ 5.150 MHz : 15 μV/MHz</td><td>5.123.2 ~ 5.150 MHz : 15 μV/MHz</td></tr><tr><td>5.250 ~ 5.251 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)</td><td>5.250 ~ 5.251 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)</td><td>5.250 ~ 5.251 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)</td><td>5.250 ~ 5.251 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)</td></tr><tr><td>5.251 ~ 5.250 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)</td><td>5.251 ~ 5.250 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)</td><td>5.251 ~ 5.250 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)</td><td>5.251 ~ 5.250 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)</td></tr><tr><td>5.250 ~ 5.268.7 MHz : $10^{-14} \cdot f^{0.75}$ (mV/MHz)</td><td>5.250 ~ 5.268.7 MHz : $10^{-14} \cdot f^{0.75}$ (mV/MHz)</td><td>5.270 ~ 5.278.4 MHz : $10^{-14} \cdot f^{0.75}$ (mV/MHz)</td><td>5.270 ~ 5.280.7 MHz : $10^{-14} \cdot f^{0.75}$ (mV/MHz)</td></tr><tr><td>5.268.7 MHz or more : 2.5 μV/MHz</td><td>5.268.7 MHz or more : 2.5 μV/MHz</td><td>5.278.4 MHz or more : 2.5 μV/MHz</td><td>5.280.7 MHz or more : 2.5 μV/MHz</td></tr><tr><td>f = MHz, Difference from 5240 (dBHz)</td><td>f = MHz, Difference from 5240 (dBHz)</td><td>f = MHz, Difference from 5230 (dBHz)</td><td>f = MHz, Difference from 5210 (dBHz)</td></tr></table> <table><tr><th colspan="2">20MHz system</th><th colspan="2">WS3</th></tr><tr><th>OBW : 18MHz or less</th><th>OBW : 18 ~ 20 MHz</th><th>40MHz system</th><th>80MHz system</th></tr><tr><td>5.233.3 MHz or less : 2.5 μV/MHz</td><td>5.233.3 MHz or less : 2.5 μV/MHz</td><td>5.221.6 MHz or less : 2.5 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Measurement range: 30MHz to 26GHz	20MHz system		WS2		OBW : 18MHz or less	OBW : 18 ~ 20 MHz	40MHz system	80MHz system	5.142 MHz or less : 2.5 μ V/MHz	5.142 MHz or less : 2.5 μ V/MHz	5.141.6 MHz or less : 2.5 μ V/MHz	5.123.2 MHz or less : 2.5 μ V/MHz	5.142 ~ 5.150 MHz : 15 μ V/MHz	5.142 ~ 5.150 MHz : 15 μ V/MHz	5.141.6 ~ 5.150 MHz : 15 μ V/MHz	5.123.2 ~ 5.150 MHz : 15 μ V/MHz	5.250 ~ 5.251 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)	5.250 ~ 5.251 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)	5.250 ~ 5.251 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)	5.250 ~ 5.251 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)	5.251 ~ 5.250 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)	5.251 ~ 5.250 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)	5.251 ~ 5.250 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)	5.251 ~ 5.250 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)	5.250 ~ 5.268.7 MHz : $10^{-14} \cdot f^{0.75}$ (mV/MHz)	5.250 ~ 5.268.7 MHz : $10^{-14} \cdot f^{0.75}$ (mV/MHz)	5.270 ~ 5.278.4 MHz : $10^{-14} \cdot f^{0.75}$ (mV/MHz)	5.270 ~ 5.280.7 MHz : $10^{-14} \cdot f^{0.75}$ (mV/MHz)	5.268.7 MHz or more : 2.5 μ V/MHz	5.268.7 MHz or more : 2.5 μ V/MHz	5.278.4 MHz or more : 2.5 μ V/MHz	5.280.7 MHz or more : 2.5 μ V/MHz	f = MHz, Difference from 5240 (dBHz)	f = MHz, Difference from 5240 (dBHz)	f = MHz, Difference from 5230 (dBHz)	f = MHz, Difference from 5210 (dBHz)	20MHz system		WS3		OBW : 18MHz or less	OBW : 18 ~ 20 MHz	40MHz system	80MHz system	5.233.3 MHz or less : 2.5 μ V/MHz	5.233.3 MHz or less : 2.5 μ V/MHz	5.221.6 MHz or less : 2.5 μ V/MHz	5.203.3 MHz or less : 2.5 μ V/MHz	5.233.3 ~ 5.240 MHz : $10^{-14} \cdot f^{0.75}$ (mV/MHz)	5.233.3 ~ 5.240 MHz : $10^{-14} \cdot f^{0.75}$ (mV/MHz)	5.221.6 ~ 5.230 MHz : $10^{-14} \cdot f^{0.75}$ (mV/MHz)	5.203.3 ~ 5.210 MHz : $10^{-14} \cdot f^{0.75}$ (mV/MHz)	5.240 ~ 5.249 MHz : $10^{-14} \cdot f^{0.75}$ (mV/MHz)	5.240 ~ 5.249 MHz : $10^{-14} \cdot f^{0.75}$ (mV/MHz)	5.230 ~ 5.249 MHz : $10^{-14} \cdot f^{0.75}$ (mV/MHz)	5.210 ~ 5.249 MHz : $10^{-14} \cdot f^{0.75}$ 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MHz : 2.5 μ V/MHz		5.770 MHz or more : 12.5 μ V/MHz	WS2 + WS3	WS6	5.099.8 MHz or less : 2.5 μ V/MHz	5.419.8 MHz or less : 12.5 μ V/MHz	5.099.8 ~ 5.150 MHz : 15 μ V/MHz	5.419.8 ~ 5.470 MHz : 50 μ V/MHz	5.350 ~ 5.405.4 MHz : 15 μ V/MHz	5.728 MHz or more : 15 μ V/MHz	5.405.4 MHz or more : 2.5 μ V/MHz		5.210MHz & (5.530MHz, 5.810MHz or 5.890MHz)	5.290MHz & (5.530MHz, 5.810MHz or 5.890MHz)	5.530MHz & 5.890MHz	5.134.8 MHz or less : 2.5 μ V/MHz	5.214.8 MHz or less : 2.5 μ V/MHz	5.419.8 MHz or less : 12.5 μ V/MHz	5.134.8 ~ 5.150 MHz : 15.0 μ V/MHz	5.214.8 ~ 5.249 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)	5.419.8 ~ 5.470 MHz : 50 μ V/MHz	5.250 ~ 5.251 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)	5.249 ~ 5.250 MHz : $10^{-17} \cdot f^{1.75}$ (mV/MHz)		5.251 ~ 5.285.2 MHz : $10^{-14} \cdot f^{0.75}$ (mV/MHz)	5.350 ~ 5.365.2 MHz : 15 μ V/MHz		5.285.2 ~ 5.370 MHz : 2.5 μ V/MHz	5.365.2 ~ 5.410 MHz : 2.5 μ V/MHz	5.770 MHz or more : 15 μ V/MHz	2.5 μ V/MHz (When used)	5.410 ~ 5.454.8 MHz : 2.5 μ 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Test Method:	<table><tr><td colspan="2">[Setting 1]</td></tr><tr><td>Frequency range:</td><td>Test frequency range as required</td></tr><tr><td>RBW:</td><td>1 MHz</td></tr><tr><td>VBW:</td><td>1 MHz</td></tr><tr><td>Sweep time:</td><td>Minimum time required to make an accurate measurement</td></tr><tr><td>Sweep Data Points:</td><td>1001 or greater</td></tr><tr><td>Detector mode:</td><td>Positive peak</td></tr><tr><td>Indication mode:</td><td>Max hold (see Note 1)</td></tr><tr><td>Note 1:</td><td>Sweep shall be repeated until the max hold waveform is stable.</td></tr></table> <table><tr><td colspan="2">[Setting 2]</td></tr><tr><td>Center frequency:</td><td>Frequency of spurious emission found using [Setting 1]</td></tr><tr><td>Span:</td><td>0 Hz</td></tr><tr><td>RBW:</td><td>1 MHz</td></tr><tr><td>VBW:</td><td>1 MHz</td></tr><tr><td>Sweep time:</td><td>Minimum time required to make an accurate measurement. For burst type (intermittent) spurious emissions, sweep time shall be greater than one burst interval</td></tr></table>	[Setting 1]		Frequency range:	Test frequency range as required	RBW:	1 MHz	VBW:	1 MHz	Sweep time:	Minimum time required to make an accurate measurement	Sweep Data Points:	1001 or greater	Detector mode:	Positive peak	Indication mode:	Max hold (see Note 1)	Note 1:	Sweep shall be repeated until the max hold waveform is stable.	[Setting 2]		Center frequency:	Frequency of spurious emission found using [Setting 1]	Span:	0 Hz	RBW:	1 MHz	VBW:	1 MHz	Sweep time:	Minimum time required to make an accurate measurement. For burst type (intermittent) spurious emissions, sweep time shall be greater than one burst interval																																																																																																												
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	Sweep Data Points:	1001 or greater
	Detector mode:	Sample
Procedure:	(1) After configuring the spectrum analyzer to [Setting 1], search for spurious emissions from 30 MHz to 12.5 GHz. If the sweep range does not cover the required measurement frequency range then the measurement range will need to be divided into sufficient sections of size [RBW x Sweep Data Points]. If spurious emissions greater than [Limit - 3dB] are found, then more detailed measurements are required, go to step (2) (2) Configure the spectrum analyzer using [Setting 2] and measure the average signal amplitude. If the spurious emission is burst type (intermittent), then the average value shall not include signal OFF time. (3) Calculate the spurious emission value (Calculated Value) using following the formula below: Calculated Value = (Measured Value using (3) + 15.2dB) Note: 15.2dB adjustment is derived from the Conversion Factor of RBW Conversion Factor of RBW = 10 x Log (Reference Bandwidth / RBW of measurement) = 15.2 [dB] Where: Reference Bandwidth = 1 MHz RBW of measurement = 30 kHz (4) If the calculated value using (4) is over the Limit (section 6.7), go to (6) (6) Configure the spectrum analyzer to [Setting 3] then make the following changes: Frequency: Frequency of spurious emission Span: 1 MHz (6) After sweep, send the span data set to the PC (7) Convert measured data from dBm to Watts (8) Sum all the data using the formula below. If the sum is within the limit, the test result is Pass, otherwise, Fail $P_s = \left(\sum_{i=1}^n E_i \right) \times \frac{S_w}{RBW \times k \times n}$ Ps: Sum (Watts) Ei: Measured value at each point in the Span (Watts) Sw: Span (1MHz) n: Number of measurement points in the Span k: Correction factor for Equivalent Noise Bandwidth, specific to each spectrum analyzer, check the instrument user guide RBW: Resolution Bandwidth (MHz). (9) If the EUT has multiple antennas, measure the spurious emission form each individual antenna using steps (1) through (9) (10) Convert the individual antenna spurious level measurements (step (10)) from dB to absolute values (11) Combine (sum) the absolute values of the spurious measurements at each frequency for each antenna (to create a single composite spectrum of spurious emissions) (12) Ensure that the composite spectrum does not exceed the Limit defined in 6.7 (Technical Standard) (13) Configuring the spectrum analyzer using [Setting 3] and measure the spurious emissions with all the antennas electrically combined	

4.4.1 E.U.T. Operation:

Operating Environment:					
Temperature:	23.8 °C	Humidity:	49 %	Atmospheric Pressure:	102 kPa
Pretest mode:	TM1, TM2, TM3, TM4, TM5, TM6				
Final test mode:	TM1, TM2, TM3, TM4, TM5, TM6				

4.4.2 Test Setup Diagram:



4.4.3 Test Data:

Please Refer to Appendix for Details.

4.5 Adjacent Channel Emitted Power

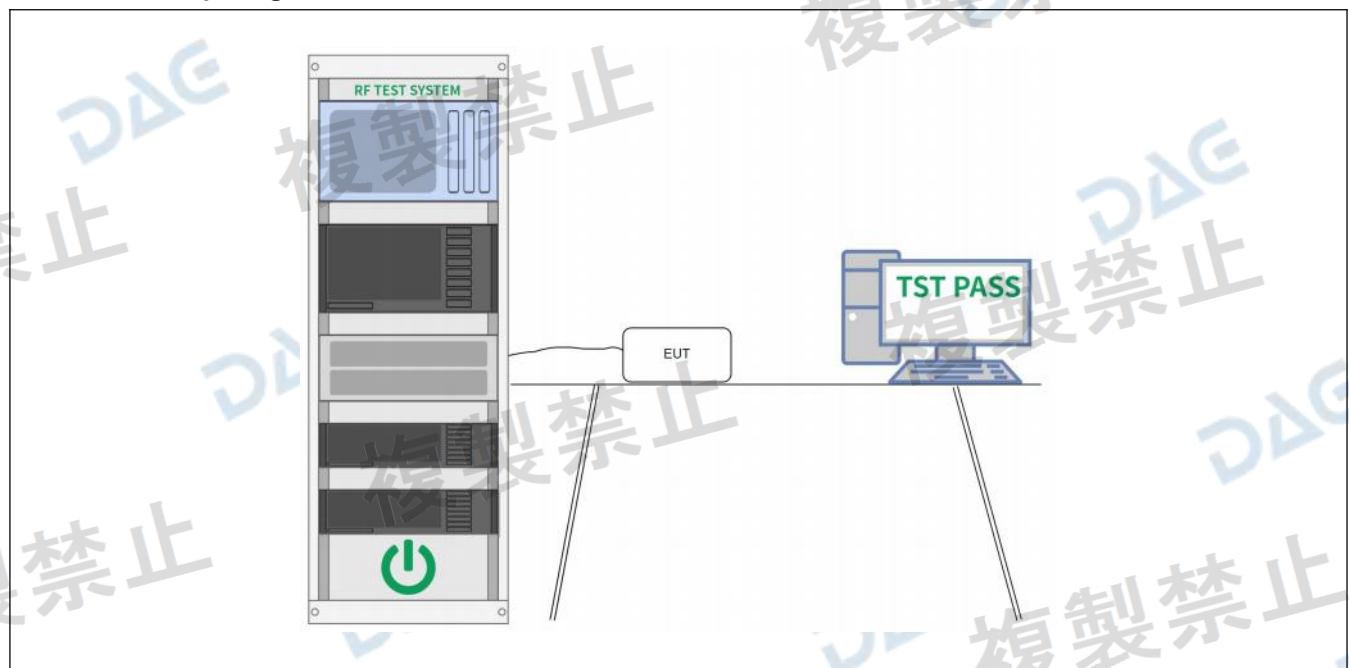
Test Requirement:	Article 2-1, Item 19-3
Test Limit:	For Bandwidth equal to 20MHz and 40MHz: $F_c \pm 20\text{MHz} : -25\text{dBc}$ $F_c \pm 40\text{MHz} : -40\text{dBc}$ For Bandwidth above 40MHz: $F_c \pm 80\text{MHz} : -25\text{dBc}$
Test Method:	Center Frequency: Test Frequency Span: (see Note1) RBW: 300kHz VBW: 300kHz Sweep time: Auto Sweep data points: 1001 or greater Detector mode: Sample (for Continuous Type) Positive peak (for Burst Type) Indication mode: Single sweep (for Continuous Type) Max hold (for Burst Type) Note1: 5.2GHz and 5.3GHz Band: $\text{OBW} \leq 18\text{MHz} : 18\text{MHz}$ $18\text{MHz} < \text{OBW} \leq 19\text{MHz} : 19\text{MHz}$ $19\text{MHz} < \text{OBW} \leq 38\text{MHz} : 38\text{MHz}$ $38\text{MHz} < \text{OBW} \leq 78\text{MHz} : 78\text{MHz}$ 5.6GHz Band: OFDM: $\text{OBW} \leq 19.7\text{MHz} : 19\text{MHz}$ $19.7\text{MHz} < \text{OBW} \leq 38\text{MHz} : 38\text{MHz}$ $38\text{MHz} < \text{OBW} \leq 78\text{MHz} : 78\text{MHz}$ Others: 18MHz
Procedure:	(1) Configure the spectrum analyzer to [Setting 1] and set the EUT to transmit mode (2) Measure the transmitter power (defined as P_C) using the procedure shown below: (a) Set the center of the span to the transmit frequency (b) After sweeping the entire span, send the span data set to the PC (c) Convert measured data from dBm to Watts (d) Sum all the data to derive the P_C (3) Measure the Upper Adjacent Channel Leakage Power (defined as P_U) using the procedure shown below. For measurement frequency, see Note2. (a) Set the center of the span to [Transmit Frequency + 20 MHz (or 40 MHz)] (b) Sweep the entire span, send the span data set to the PC (c) Convert measured data from dBm to Watts (d) Sum all the data to derive the P_U (e) After setting the center of the span to [Transmit Frequency + 40MHz (or 80 MHz)], repeat steps (b) through step (d) (4) Measure the Lower Adjacent Channel Leakage Power (defined as P_L) using the procedure shown below. For measurement frequency, see Note2. (a) Set the center of the span to [Transmit Frequency + 20 MHz (or 40 MHz)] (b) Sweep the entire span, send the span data set to the PC (c) Convert measured data from dBm to Watts (d) Sum all the data to derive the P_L (e) After setting the center of the span to [Transmit Frequency + 40MHz (or 80 MHz)], repeat steps (b) through step (d) (5) Derive all the Adjacent Channel Leakage Power Ratios using the formula shown below: - Upper Adjacent Channel Leakage Power Ratio = $10 \log (P_U / P_C)$ - Lower Adjacent Channel Leakage Power Ratio = $10 \log (P_L / P_C)$ (6) If the EUT has multiple antennas then the following steps shall be taken: (a) Repeat steps (1) through step (5) for each individual antenna

- (b) Repeat steps (1) through step (5) with all the antennas combined
(c) To derive the total P_C , sum the individual antenna P_C measurements from step (a)
(d) Derive the total P_U and total P_L using the same procedure as step (c)
(e) Calculate the Adjacent Channel Leakage Power Ratio using the total P_C , total P_U and total P_L using the formula in step (5)
(f) Note 2:
5.2 GHz and 5.3 GHz band:
OBW $\leq$ 18 MHz: Transmit frequency $\pm$ 20 MHz, $\pm$ 40 MHz
18MHz < OBW $\leq$ 19MHz: Transmit frequency $\pm$ 20 MHz, $\pm$ 40 MHz
19MHz < OBW $\leq$ 38MHz: Transmit frequency $\pm$ 40 MHz, $\pm$ 80 MHz
38MHz < OBW $\leq$ 78MHz: Transmit frequency $\pm$ 80 MHz
5.6GHz Band:
OFDM:
OBW $\leq$ 19.7MHz: Transmit frequency $\pm$ 20 MHz, $\pm$ 40 MHz
19.7MHz < OBW $\leq$ 38MHz: Transmit frequency $\pm$ 40 MHz, $\pm$ 80 MHz
38MHz < OBW $\leq$ 78MHz: Transmit frequency $\pm$ 80 MHz
Other than OFDM: Transmit frequency $\pm$ 20 MHz, $\pm$ 40 MHz

4.5.1 E.U.T. Operation:

Operating Environment:					
Temperature:	23.8 °C	Humidity:	49 %	Atmospheric Pressure:	102 kPa
Pretest mode:	TM1, TM2, TM3, TM4, TM5, TM6				
Final test mode:	TM1, TM2, TM3, TM4, TM5, TM6				

4.5.2 Test Setup Diagram:



4.5.3 Test Data:

Please Refer to Appendix for Details.

4.6 Spurious Emission Intensity

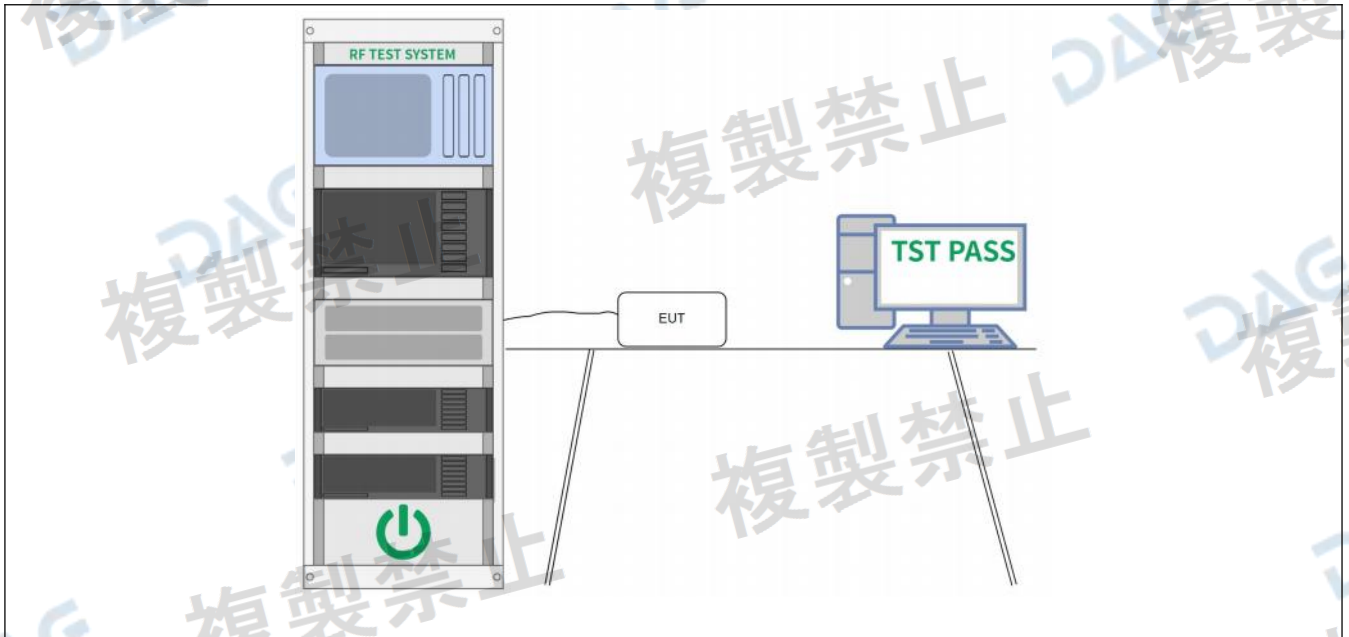
Test Requirement:	Article 2-1, Item 19-3																																																																																																																																																		
Test Limit:	<table><tr><th colspan="2">20MHz system</th><th colspan="2">WS2</th></tr><tr><th>OBW: 18MHz or less</th><th>OBW: 18 ~ 20 MHz</th><th>40MHz system</th><th>80MHz system</th></tr><tr><td>5.142 MHz or less: 2.5 μV/MHz</td><td>5.142 MHz or less: 2.5 μV/MHz</td><td>5.141.6 MHz or less: 2.5 μV/MHz</td><td>5.123.2 MHz or less: 2.5 μV/MHz</td></tr><tr><td>5.142 ~ 5.150 MHz: 15 μV/MHz</td><td>5.142 ~ 5.150 MHz: 15 μV/MHz</td><td>5.141.6 ~ 5.150 MHz: 15 μV/MHz</td><td>5.123.2 ~ 5.150 MHz: 15 μV/MHz</td></tr><tr><td>5.250 ~ 5.251 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$V/MHz</td><td>5.250 ~ 5.251 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$V/MHz</td><td>5.250 ~ 5.251 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$V/MHz</td><td>5.250 ~ 5.251 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$V/MHz</td></tr><tr><td>5.251 ~ 5.250 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$V/MHz</td><td>5.251 ~ 5.250 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$V/MHz</td><td>5.251 ~ 5.250 MHz: 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system</th></tr><tr><td>5.233.3 MHz or less: 2.5 μV/MHz</td><td>5.233.3 MHz or less: 2.5 μV/MHz</td><td>5.221.6 MHz or less: 2.5 μV/MHz</td><td>5.203.3 MHz or less: 2.5 μV/MHz</td></tr><tr><td>5.233.3 ~ 5.240 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$V/MHz</td><td>5.233.3 ~ 5.240 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$V/MHz</td><td>5.221.6 ~ 5.230 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$V/MHz</td><td>5.203.3 ~ 5.210 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$V/MHz</td></tr><tr><td>5.240 ~ 5.249 MHz: $10^{-14} \times f_{\text{MHz}}^{12} \mu$V/MHz</td><td>5.240 ~ 5.249 MHz: $10^{-14} \times f_{\text{MHz}}^{12} \mu$V/MHz</td><td>5.230 ~ 5.249 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$V/MHz</td><td>5.210 ~ 5.249 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$V/MHz</td></tr><tr><td>5.249 ~ 5.250 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$V/MHz</td><td>5.249 ~ 5.250 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$V/MHz</td><td>5.249 ~ 5.250 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$V/MHz</td><td>5.240 ~ 5.250 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$V/MHz</td></tr><tr><td>5.350 MHz or more: 2.5 μV/MHz</td><td>5.349.8 ~ 5.350 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$V/MHz</td><td>5.350 ~ 5.358.4 MHz: 15 μV/MHz</td><td>5.350 ~ 5.376.8 MHz: 15 μV/MHz</td></tr><tr><td>f = MHz, Difference from 5200 (dBHz)</td><td>f = MHz, Difference from 5200 (dBHz)</td><td>f = MHz, Difference from 5270 (dBHz)</td><td>f = MHz, Difference from 5290 (dBHz)</td></tr></table> <table><tr><th colspan="2">20MHz system</th><th colspan="2">WS6</th></tr><tr><th>DSSS, etc.</th><th>OFDM</th><th>40MHz system</th><th>80MHz system</th></tr><tr><td>5.470 MHz or less: 12.5 μV/MHz</td><td>5.480 MHz or less: 2.5 μV/MHz</td><td>5.480 MHz or less: 12.5 μV/MHz</td><td>5.480 MHz or less: 12.5 μV/MHz</td></tr><tr><td>5.470 ~ 5.479 MHz: 12.5 μV/MHz</td><td>5.480 ~ 5.470 MHz: 12.5 μV/MHz</td><td>5.480 ~ 5.470 MHz: 50 μV/MHz</td><td>5.480 ~ 5.469.5 MHz: 50 μV/MHz</td></tr><tr><td>5.730 MHz or more: 12.5 μV/MHz</td><td>5.745 ~ 5.765 MHz: 12.5 μV/MHz</td><td>5.770 MHz or more: 12.5 μV/MHz</td><td>5.469.5 ~ 5.470 MHz: 51.2 μV/MHz</td></tr><tr><td></td><td>Over 5.765 MHz: 2.5 μV/MHz</td><td></td><td>5.770 MHz or more: 12.5 μV/MHz</td></tr></table> <table><tr><th>WS2 + WS3</th><th>WS6</th></tr><tr><td colspan="2">160MHz system</td></tr><tr><td>5.099.8 MHz or less: 2.5 μV/MHz</td><td>5.419.8 MHz or less: 12.5 μV/MHz</td></tr><tr><td>5.099.8 ~ 5.150 MHz: 15 μV/MHz</td><td>5.419.8 ~ 5.470 MHz: 50 μV/MHz</td></tr><tr><td>5.350 ~ 5.405.4 MHz: 15 μV/MHz</td><td>5.728 MHz or more: 12.5 μV/MHz</td></tr><tr><td>5.405.4 MHz or more: 2.5 μV/MHz</td><td></td></tr></table> <table><tr><th>5.210MHz & (5.530MHz, 5.810MHz or 5.890MHz)</th><th>5.290MHz & (5.530MHz, 5.810MHz or 5.890MHz)</th><th>5.530MHz & 5.890MHz</th></tr><tr><td colspan="3">30MHz & 30MHz system (Not adjacent radio)</td></tr><tr><td>5.134.8 MHz or less: 2.5 μV/MHz</td><td>5.214.8 MHz or less: 2.5 μV/MHz</td><td>5.419.8 MHz or less: 12.5 μV/MHz</td></tr><tr><td>5.134.8 ~ 5.150 MHz: 15 μV/MHz</td><td>5.214.8 ~ 5.249 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$V/MHz</td><td>5.419.8 ~ 5.470 MHz: 50 μV/MHz</td></tr><tr><td>5.250 ~ 5.251 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$V/MHz</td><td>5.249 ~ 5.250 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$V/MHz</td><td></td></tr><tr><td>5.251 ~ 5.285.2 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$V/MHz</td><td>5.350 ~ 5.365.2 MHz: 15 μV/MHz</td><td></td></tr><tr><td>5.285.2 ~ 5.370 MHz: 2.5 μV/MHz</td><td>5.365.2 ~ 5.410 MHz: 2.5 μV/MHz</td><td>5.770 MHz or more: 15 μV/MHz</td></tr><tr><td>2.5 μV/MHz (When used)</td><td></td><td></td></tr><tr><td>5.370 ~ 5.454.8 MHz simultaneously with a 5.20MHz band high-power radio station: 12.5 μV/MHz</td><td>5.410 ~ 5.454.8 MHz: 2.5 μV/MHz</td><td></td></tr><tr><td>5.454.8 ~ 5.470 MHz with a 5.20MHz band high-power radio station: 50 μV/MHz</td><td>5.454.8 ~ 5.470 MHz: 15 μV/MHz</td><td></td></tr><tr><td>5.730 MHz or more: 15 μV/MHz</td><td>5.730 MHz or more: 15 μV/MHz</td><td></td></tr><tr><td>(*)When used 500(MHz)</td><td>(*)When used 500(MHz)</td><td></td></tr><tr><td>5.770 MHz or more: 15 μV/MHz</td><td>5.770 MHz or more: 15 μV/MHz</td><td></td></tr><tr><td>f = MHz, Difference from 5210 (dBHz)</td><td>f = MHz, Difference from 5290 (dBHz)</td><td></td></tr></table> * A rated value is defined by the E.I.R.P. * Measurement range: 30MHz to 26GHz	20MHz system		WS2		OBW: 18MHz or less	OBW: 18 ~ 20 MHz	40MHz system	80MHz system	5.142 MHz or less: 2.5 μ V/MHz	5.142 MHz or less: 2.5 μ V/MHz	5.141.6 MHz or less: 2.5 μ V/MHz	5.123.2 MHz or less: 2.5 μ V/MHz	5.142 ~ 5.150 MHz: 15 μ V/MHz	5.142 ~ 5.150 MHz: 15 μ V/MHz	5.141.6 ~ 5.150 MHz: 15 μ V/MHz	5.123.2 ~ 5.150 MHz: 15 μ V/MHz	5.250 ~ 5.251 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$ V/MHz	5.250 ~ 5.251 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$ V/MHz	5.250 ~ 5.251 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$ V/MHz	5.250 ~ 5.251 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$ V/MHz	5.251 ~ 5.250 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$ V/MHz	5.251 ~ 5.250 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$ V/MHz	5.251 ~ 5.250 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$ V/MHz	5.251 ~ 5.250 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$ V/MHz	5.250 ~ 5.268.7 MHz: $10^{-14} \times f_{\text{MHz}}^{12} \mu$ V/MHz	5.250 ~ 5.268.7 MHz: $10^{-14} \times f_{\text{MHz}}^{12} \mu$ V/MHz	5.270 ~ 5.278.4 MHz: $10^{-13} \times f_{\text{MHz}}^{12} \mu$ V/MHz	5.270 ~ 5.280.7 MHz: $10^{-13} \times f_{\text{MHz}}^{12} \mu$ V/MHz	5.268.7 MHz or more: 2.5 μ V/MHz	5.268.7 MHz or more: 2.5 μ V/MHz	5.278.4 MHz or more: 2.5 μ V/MHz	5.280.7 MHz or more: 2.5 μ V/MHz	f = MHz, Difference from 5240 (dBHz)	f = MHz, Difference from 5240 (dBHz)	f = MHz, Difference from 5230 (dBHz)	f = MHz, Difference from 5210 (dBHz)	20MHz system		WS3		OBW: 18MHz or less	OBW: 18 ~ 20 MHz	40MHz system	80MHz system	5.233.3 MHz or less: 2.5 μ V/MHz	5.233.3 MHz or less: 2.5 μ V/MHz	5.221.6 MHz or less: 2.5 μ V/MHz	5.203.3 MHz or less: 2.5 μ V/MHz	5.233.3 ~ 5.240 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$ V/MHz	5.233.3 ~ 5.240 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$ V/MHz	5.221.6 ~ 5.230 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$ V/MHz	5.203.3 ~ 5.210 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$ V/MHz	5.240 ~ 5.249 MHz: $10^{-14} \times f_{\text{MHz}}^{12} \mu$ V/MHz	5.240 ~ 5.249 MHz: $10^{-14} \times f_{\text{MHz}}^{12} \mu$ V/MHz	5.230 ~ 5.249 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$ V/MHz	5.210 ~ 5.249 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$ V/MHz	5.249 ~ 5.250 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$ V/MHz	5.249 ~ 5.250 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$ V/MHz	5.249 ~ 5.250 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$ V/MHz	5.240 ~ 5.250 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$ V/MHz	5.350 MHz or more: 2.5 μ V/MHz	5.349.8 ~ 5.350 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$ V/MHz	5.350 ~ 5.358.4 MHz: 15 μ V/MHz	5.350 ~ 5.376.8 MHz: 15 μ V/MHz	f = MHz, Difference from 5200 (dBHz)	f = MHz, Difference from 5200 (dBHz)	f = MHz, Difference from 5270 (dBHz)	f = MHz, Difference from 5290 (dBHz)	20MHz system		WS6		DSSS, etc.	OFDM	40MHz system	80MHz system	5.470 MHz or less: 12.5 μ V/MHz	5.480 MHz or less: 2.5 μ V/MHz	5.480 MHz or less: 12.5 μ V/MHz	5.480 MHz or less: 12.5 μ V/MHz	5.470 ~ 5.479 MHz: 12.5 μ V/MHz	5.480 ~ 5.470 MHz: 12.5 μ V/MHz	5.480 ~ 5.470 MHz: 50 μ V/MHz	5.480 ~ 5.469.5 MHz: 50 μ V/MHz	5.730 MHz or more: 12.5 μ V/MHz	5.745 ~ 5.765 MHz: 12.5 μ V/MHz	5.770 MHz or more: 12.5 μ V/MHz	5.469.5 ~ 5.470 MHz: 51.2 μ V/MHz		Over 5.765 MHz: 2.5 μ V/MHz		5.770 MHz or more: 12.5 μ V/MHz	WS2 + WS3	WS6	160MHz system		5.099.8 MHz or less: 2.5 μ V/MHz	5.419.8 MHz or less: 12.5 μ V/MHz	5.099.8 ~ 5.150 MHz: 15 μ V/MHz	5.419.8 ~ 5.470 MHz: 50 μ V/MHz	5.350 ~ 5.405.4 MHz: 15 μ V/MHz	5.728 MHz or more: 12.5 μ V/MHz	5.405.4 MHz or more: 2.5 μ V/MHz		5.210MHz & (5.530MHz, 5.810MHz or 5.890MHz)	5.290MHz & (5.530MHz, 5.810MHz or 5.890MHz)	5.530MHz & 5.890MHz	30MHz & 30MHz system (Not adjacent radio)			5.134.8 MHz or less: 2.5 μ V/MHz	5.214.8 MHz or less: 2.5 μ V/MHz	5.419.8 MHz or less: 12.5 μ V/MHz	5.134.8 ~ 5.150 MHz: 15 μ V/MHz	5.214.8 ~ 5.249 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$ V/MHz	5.419.8 ~ 5.470 MHz: 50 μ V/MHz	5.250 ~ 5.251 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$ V/MHz	5.249 ~ 5.250 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$ V/MHz		5.251 ~ 5.285.2 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$ V/MHz	5.350 ~ 5.365.2 MHz: 15 μ V/MHz		5.285.2 ~ 5.370 MHz: 2.5 μ V/MHz	5.365.2 ~ 5.410 MHz: 2.5 μ V/MHz	5.770 MHz or more: 15 μ V/MHz	2.5 μ V/MHz (When used)			5.370 ~ 5.454.8 MHz simultaneously with a 5.20MHz band high-power radio station: 12.5 μ V/MHz	5.410 ~ 5.454.8 MHz: 2.5 μ V/MHz		5.454.8 ~ 5.470 MHz with a 5.20MHz band high-power radio station: 50 μ V/MHz	5.454.8 ~ 5.470 MHz: 15 μ V/MHz		5.730 MHz or more: 15 μ V/MHz	5.730 MHz or more: 15 μ V/MHz		(*)When used 500(MHz)	(*)When used 500(MHz)		5.770 MHz or more: 15 μ V/MHz	5.770 MHz or more: 15 μ V/MHz		f = MHz, Difference from 5210 (dBHz)	f = MHz, Difference from 5290 (dBHz)	
20MHz system		WS2																																																																																																																																																	
OBW: 18MHz or less	OBW: 18 ~ 20 MHz	40MHz system	80MHz system																																																																																																																																																
5.142 MHz or less: 2.5 μ V/MHz	5.142 MHz or less: 2.5 μ V/MHz	5.141.6 MHz or less: 2.5 μ V/MHz	5.123.2 MHz or less: 2.5 μ V/MHz																																																																																																																																																
5.142 ~ 5.150 MHz: 15 μ V/MHz	5.142 ~ 5.150 MHz: 15 μ V/MHz	5.141.6 ~ 5.150 MHz: 15 μ V/MHz	5.123.2 ~ 5.150 MHz: 15 μ V/MHz																																																																																																																																																
5.250 ~ 5.251 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$ V/MHz	5.250 ~ 5.251 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$ V/MHz	5.250 ~ 5.251 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$ V/MHz	5.250 ~ 5.251 MHz: $10^{-17} \times f_{\text{MHz}}^{11} \mu$ V/MHz																																																																																																																																																
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5.250 ~ 5.268.7 MHz: $10^{-14} \times f_{\text{MHz}}^{12} \mu$ V/MHz	5.250 ~ 5.268.7 MHz: $10^{-14} \times f_{\text{MHz}}^{12} \mu$ V/MHz	5.270 ~ 5.278.4 MHz: $10^{-13} \times f_{\text{MHz}}^{12} \mu$ V/MHz	5.270 ~ 5.280.7 MHz: $10^{-13} \times f_{\text{MHz}}^{12} \mu$ V/MHz																																																																																																																																																
5.268.7 MHz or more: 2.5 μ V/MHz	5.268.7 MHz or more: 2.5 μ V/MHz	5.278.4 MHz or more: 2.5 μ V/MHz	5.280.7 MHz or more: 2.5 μ V/MHz																																																																																																																																																
f = MHz, Difference from 5240 (dBHz)	f = MHz, Difference from 5240 (dBHz)	f = MHz, Difference from 5230 (dBHz)	f = MHz, Difference from 5210 (dBHz)																																																																																																																																																
20MHz system		WS3																																																																																																																																																	
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5.233.3 ~ 5.240 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$ V/MHz	5.233.3 ~ 5.240 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$ V/MHz	5.221.6 ~ 5.230 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$ V/MHz	5.203.3 ~ 5.210 MHz: $10^{-16} \times f_{\text{MHz}}^{10} \mu$ V/MHz																																																																																																																																																
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DSSS, etc.	OFDM	40MHz system	80MHz system																																																																																																																																																
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5.470 ~ 5.479 MHz: 12.5 μ V/MHz	5.480 ~ 5.470 MHz: 12.5 μ V/MHz	5.480 ~ 5.470 MHz: 50 μ V/MHz	5.480 ~ 5.469.5 MHz: 50 μ V/MHz																																																																																																																																																
5.730 MHz or more: 12.5 μ V/MHz	5.745 ~ 5.765 MHz: 12.5 μ V/MHz	5.770 MHz or more: 12.5 μ V/MHz	5.469.5 ~ 5.470 MHz: 51.2 μ V/MHz																																																																																																																																																
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5.285.2 ~ 5.370 MHz: 2.5 μ V/MHz	5.365.2 ~ 5.410 MHz: 2.5 μ V/MHz	5.770 MHz or more: 15 μ V/MHz																																																																																																																																																	
2.5 μ V/MHz (When used)																																																																																																																																																			
5.370 ~ 5.454.8 MHz simultaneously with a 5.20MHz band high-power radio station: 12.5 μ V/MHz	5.410 ~ 5.454.8 MHz: 2.5 μ V/MHz																																																																																																																																																		
5.454.8 ~ 5.470 MHz with a 5.20MHz band high-power radio station: 50 μ V/MHz	5.454.8 ~ 5.470 MHz: 15 μ V/MHz																																																																																																																																																		
5.730 MHz or more: 15 μ V/MHz	5.730 MHz or more: 15 μ V/MHz																																																																																																																																																		
(*)When used 500(MHz)	(*)When used 500(MHz)																																																																																																																																																		
5.770 MHz or more: 15 μ V/MHz	5.770 MHz or more: 15 μ V/MHz																																																																																																																																																		
f = MHz, Difference from 5210 (dBHz)	f = MHz, Difference from 5290 (dBHz)																																																																																																																																																		
Test Method:	<table><tr><td colspan="2">[Setting 1]</td></tr><tr><td>Frequency range:</td><td>Test frequency range as required</td></tr><tr><td>RBW:</td><td>1 MHz</td></tr><tr><td>VBW:</td><td>1 MHz</td></tr><tr><td>Sweep time:</td><td>Minimum time required to make an accurate measurement</td></tr><tr><td>Sweep Data Points:</td><td>1001 or greater</td></tr><tr><td>Detector mode:</td><td>Positive peak</td></tr><tr><td>Indication mode:</td><td>Max hold (see Note 1)</td></tr><tr><td>Note 1:</td><td>Sweep shall be repeated until the max hold waveform is stable.</td></tr></table> <table><tr><td colspan="2">[Setting 2]</td></tr><tr><td>Center frequency:</td><td>Frequency of spurious emission found using [Setting 1]</td></tr><tr><td>Span:</td><td>0 Hz</td></tr><tr><td>RBW:</td><td>1 MHz</td></tr><tr><td>VBW:</td><td>1 MHz</td></tr><tr><td>Sweep time:</td><td>Minimum time required to make an accurate measurement. For burst type (intermittent) spurious emissions, sweep time shall be greater than one burst interval</td></tr></table>	[Setting 1]		Frequency range:	Test frequency range as required	RBW:	1 MHz	VBW:	1 MHz	Sweep time:	Minimum time required to make an accurate measurement	Sweep Data Points:	1001 or greater	Detector mode:	Positive peak	Indication mode:	Max hold (see Note 1)	Note 1:	Sweep shall be repeated until the max hold waveform is stable.	[Setting 2]		Center frequency:	Frequency of spurious emission found using [Setting 1]	Span:	0 Hz	RBW:	1 MHz	VBW:	1 MHz	Sweep time:	Minimum time required to make an accurate measurement. For burst type (intermittent) spurious emissions, sweep time shall be greater than one burst interval																																																																																																																				
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	Sweep Data Points:	1001 or greater
	Detector mode:	Sample
Procedure:	(1) After configuring the spectrum analyzer to [Setting 1], search for spurious emissions from 30 MHz to 12.5 GHz. If the sweep range does not cover the required measurement frequency range then the measurement range will need to be divided into sufficient sections of size [RBW x Sweep Data Points]. If spurious emissions greater than [Limit - 3dB] are found, then more detailed measurements are required, go to step (2) (2) Configure the spectrum analyzer using [Setting 2] and measure the average signal amplitude. If the spurious emission is burst type (intermittent), then the average value shall not include signal OFF time. (3) Calculate the spurious emission value (Calculated Value) using following the formula below: Calculated Value = (Measured Value using (3) + 15.2dB) Note: 15.2dB adjustment is derived from the Conversion Factor of RBW Conversion Factor of RBW = 10 x Log (Reference Bandwidth / RBW of measurement) = 15.2 [dB] Where: Reference Bandwidth = 1 MHz RBW of measurement = 30 kHz (4) If the calculated value using (4) is over the Limit (section 6.7), go to (6) (6) Configure the spectrum analyzer to [Setting 3] then make the following changes: Frequency: Frequency of spurious emission Span: 1 MHz (6) After sweep, send the span data set to the PC (7) Convert measured data from dBm to Watts (8) Sum all the data using the formula below. If the sum is within the limit, the test result is Pass, otherwise, Fail $P_s = \left(\sum_{i=1}^n E_i \right) \times \frac{S_w}{RBW \times k \times n}$ Ps: Sum (Watts) Ei: Measured value at each point in the Span (Watts) Sw: Span (1MHz) n: Number of measurement points in the Span k: Correction factor for Equivalent Noise Bandwidth, specific to each spectrum analyzer, check the instrument user guide RBW: Resolution Bandwidth (MHz). (9) If the EUT has multiple antennas, measure the spurious emission form each individual antenna using steps (1) through (9) (10) Convert the individual antenna spurious level measurements (step (10)) from dB to absolute values (11) Combine (sum) the absolute values of the spurious measurements at each frequency for each antenna (to create a single composite spectrum of spurious emissions) (12) Ensure that the composite spectrum does not exceed the Limit defined in 6.7 (Technical Standard) (13) Configuring the spectrum analyzer using [Setting 3] and measure the spurious emissions with all the antennas electrically combined	

4.6.1 E.U.T. Operation:

Operating Environment:					
Temperature:	23.8 °C	Humidity:	49 %	Atmospheric Pressure:	102 kPa
Pretest mode:	TM1, TM2, TM3, TM4, TM5, TM6				
Final test mode:	TM1, TM2, TM3, TM4, TM5, TM6				

4.6.2 Test Setup Diagram:



4.6.3 Test Data:

Please Refer to Appendix for Details.

4.7 Secondary Radiated Emissions

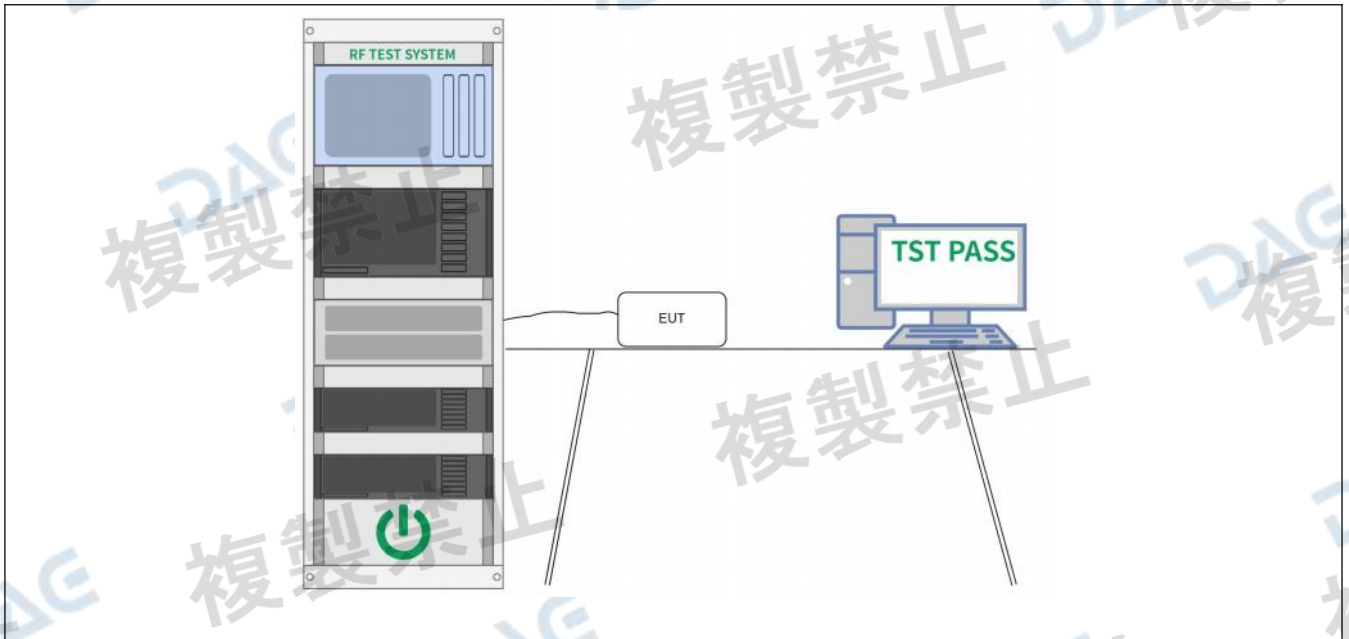
Test Requirement:	Article 2-1, Item 19-3		
Test Limit:	(1) Below 1 GHz: 4 nW (-54dBm) or less (2) Above 1 GHz: 20 nW (-47dBm) or less		
Test Method:	[Setting 1]		
	Frequency range:	30 MHz ~ 12.5 GHz	
	RBW:	Below 1 GHz:100 kHz	
		Above 1 GHz:1 MHz	
	VBW:	Below 1 GHz:100 kHz	
		Above 1 GHz:1 MHz	
	Sweep time:	Auto	
	Sweep data points:	1001 or greater	
	Detector mode:	Positive peak	
	Indication mode:	Max hold	
	[Setting 2]		
	Center Frequency:	Frequency of spurious emission found using [Setting 1]	
	Span:	0 Hz	
	RBW:	Below 1 GHz:100 kHz	
		Above 1 GHz:1 MHz	
	VBW:	Below 1 GHz:100 kHz	
		Above 1 GHz:1 MHz	
	Sweep time:	Auto	
	Sweep data points:	1001 or greater	
Detector mode:	Sample		
Procedure:	(1) Configure the spectrum analyzer to [Setting 1] and then search for spurious emissions in the range 30 MHz to 12.5GHz. If the sweep range does not cover the required measurement frequency range then the measurement range will need to be divided into sufficient sections of size [RBW x Sweep Data Points]. (2) If spurious emissions are found with an amplitude greater than [Limit - 10dB] then perform further detailed measurements as described in (3) (3) Configure the spectrum analyzer using [Setting 2] and measure the average signal amplitude. If the spurious emission is burst type (intermittent), then the average value shall not include signal OFF time Multiple Antenna Systems If the EUT has multiple antennas then emissions from each antenna shall be measured individually, as described below (4) For each antenna repeat steps (1) through (3). Convert all spurious level measurements from dB to absolute value (5) Combine (sum) the absolute values of the spurious measurements at each frequency for each antenna (to create a single composite spectrum of spurious emissions) (6) Ensure that the composite spectrum does not exceed the Limit		

4.7.1 E.U.T. Operation:

Operating Environment:				
Temperature:	23.8 °C	Humidity:	49 %	Atmospheric Pressure: 102 kPa
Pretest mode:	TM1, TM2, TM3, TM4, TM5, TM6			

Final test mode:	TM1, TM2, TM3, TM4, TM5, TM6
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4.7.2 Test Setup Diagram:



4.7.3 Test Data:

Please Refer to Appendix for Details.

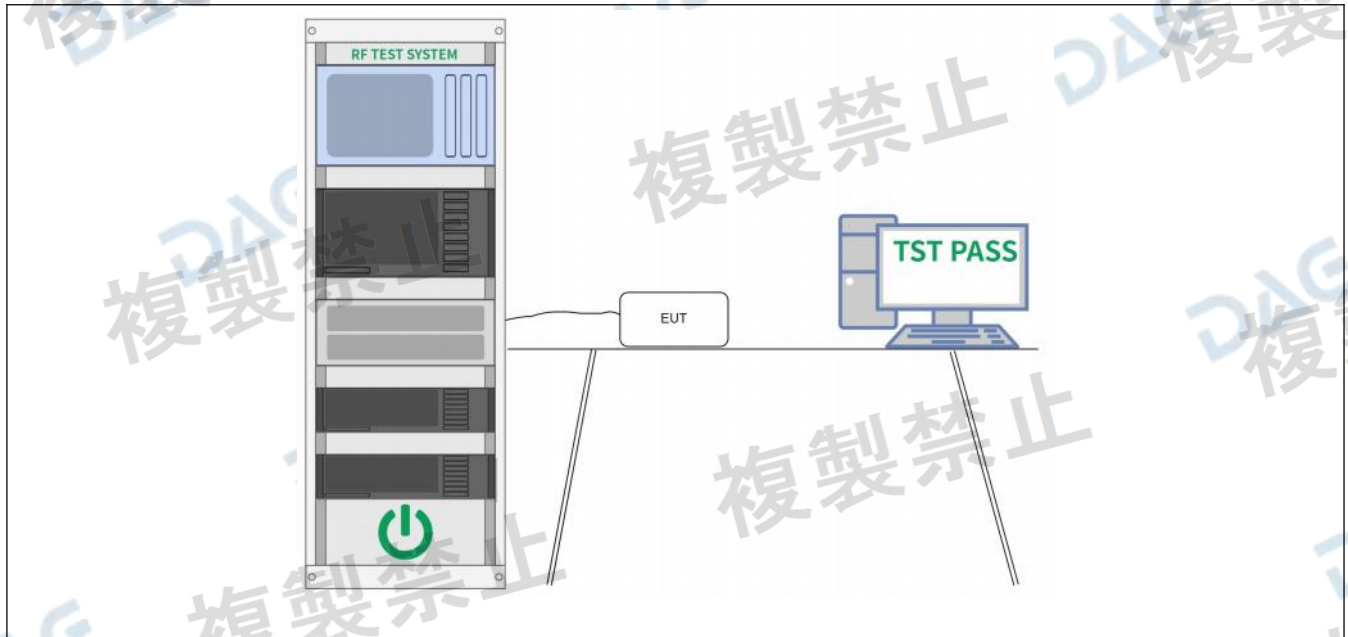
4.8 Carrier Sensing 1

Test Requirement:	Article 2-1, Item 19-3		
Test Limit:	Field intensity in the direction of the maximum gain of a receiving antenna : 100mV/m		
	*Start transmission after performing a carrier sense. However, when transmission and reception are controlled from other radio equipment, and when the radio equipment which performed transmission resumes transmission within 8 millisecond after a career sense, it can omit performing a career sense.		
Test Method:	Signal Generator Settings		
	[Setting 1]		
	Output frequency:	Center of test frequency	
	Modulation:	Un-modulated, see note	
	Output level:	The required level at the EUT antenna input, as defined by the applicant	
	Note:		
	If the EUT's carrier sensing cannot function with an un-modulated signal at the center of the test frequency, then the un-modulated signal can be moved away from the center.		
	Spectrum Analyzer Settings		
	[Setting 2]		
	Frequency:	Center of test frequency	
	Span:	50 MHz	
	RBW:	1 MHz	
	VBW:	1 MHz	
	Trigger:	Free running	
	Detector:	Positive peak	
Procedure:	Testing without a Link Partner		
	(1) Set the spectrum analyzer to [Setting 2] (2) With the signal generator OFF, set the EUT to transmit mode (3) Set the EUT to receive mode (4) First, set the signal generator output ON, then set the EUT to transmit mode and confirm that the EUT does NOT transmit a signal		
	Testing with a Link Partner		
	(1) Set the spectrum analyzer to [Setting 2] (2) Set the signal generator output to OFF (3) After establishing a connection between the EUT and the Link Partner, set the EUT to transmit mode (4) Set the EUT to receive mode (5) Set the signal generator output ON, then set the EUT to transmit mode and confirm that the EUT does NOT transmit a signal		

4.8.1 E.U.T. Operation:

Operating Environment:					
Temperature:	23.8 °C	Humidity:	49 %	Atmospheric Pressure:	102 kPa
Pretest mode:	TM4, TM5, TM6				
Final test mode:	TM4, TM5, TM6				

4.8.2 Test Setup Diagram:



4.8.3 Test Data:

Condition	Antenna	Mode	Frequency (MHz)	PCS(dbm)	CF(db)	SG level	Result
NVNT	ANT1	802.11a	5180	-49.45	6.00	-43.45	Pass
NVNT	ANT1	802.11a	5240	-49.55	6.07	-43.48	Pass
NVNT	ANT1	802.11n(HT20)	5180	-49.45	6.00	-43.45	Pass
NVNT	ANT1	802.11n(HT20)	5240	-49.55	6.07	-43.48	Pass
NVNT	ANT1	802.11n(HT40)	5190	-49.46	6.06	-43.40	Pass
NVNT	ANT1	802.11n(HT40)	5230	-45.51	5.99	-39.52	Pass
NVNT	ANT1	802.11ac(VHT40)	5190	-49.46	6.06	-43.40	Pass
NVNT	ANT1	802.11ac(VHT40)	5230	-45.51	5.99	-39.52	Pass
NVNT	ANT1	802.11n(HT40)	5270	-45.62	6.03	-39.59	Pass
NVNT	ANT1	802.11n(HT40)	5310	-45.62	6.03	-39.59	Pass
NVNT	ANT1	802.11n(HT80)	5290	-45.65	6.02	-39.63	Pass
NVNT	ANT1	802.11n(HT20)	5500	-45.99	6.22	-39.77	Pass
NVNT	ANT1	802.11n(HT20)	5600	-46.15	6.2	-39.95	Pass
NVNT	ANT1	802.11n(HT20)	5720	-46.14	6.37	-39.77	Pass
NVNT	ANT1	802.11ac(VHT20)	5500	-45.99	6.22	-39.77	Pass
NVNT	ANT1	802.11ac(VHT20)	5600	-46.15	6.2	-39.95	Pass
NVNT	ANT1	802.11ac(VHT20)	5720	-46.14	6.37	-39.77	Pass
NVNT	ANT1	802.11n(HT40)	5510	-45.83	6.17	-39.66	Pass
NVNT	ANT1	802.11n(HT40)	5590	-45.79	6.21	-39.58	Pass
NVNT	ANT1	802.11n(HT40)	5710	-46.17	6.49	-39.68	Pass
NVNT	ANT1	802.11ac(VHT40)	5510	-45.83	6.17	-39.66	Pass
NVNT	ANT1	802.11ac(VHT40)	5590	-45.79	6.21	-39.58	Pass
NVNT	ANT1	802.11ac(VHT40)	5710	-46.17	6.49	-39.68	Pass
NVNT	ANT1	802.11n(HT80)	5610	-45.98	6.24	-39.74	Pass
NVNT	ANT1	802.11n(HT80)	5690	-45.82	6.52	-39.30	Pass
NVNT	ANT1	802.11ac(VHT80)	5610	-45.98	6.24	-39.74	Pass
NVNT	ANT1	802.11ac(VHT80)	5690	-45.82	6.52	-39.30	Pass

Note: $PCS = 22.79 + G - 20 \cdot \log(F)$, G = antenna gain, F = transmission frequency, CF = splitter loss + cable loss

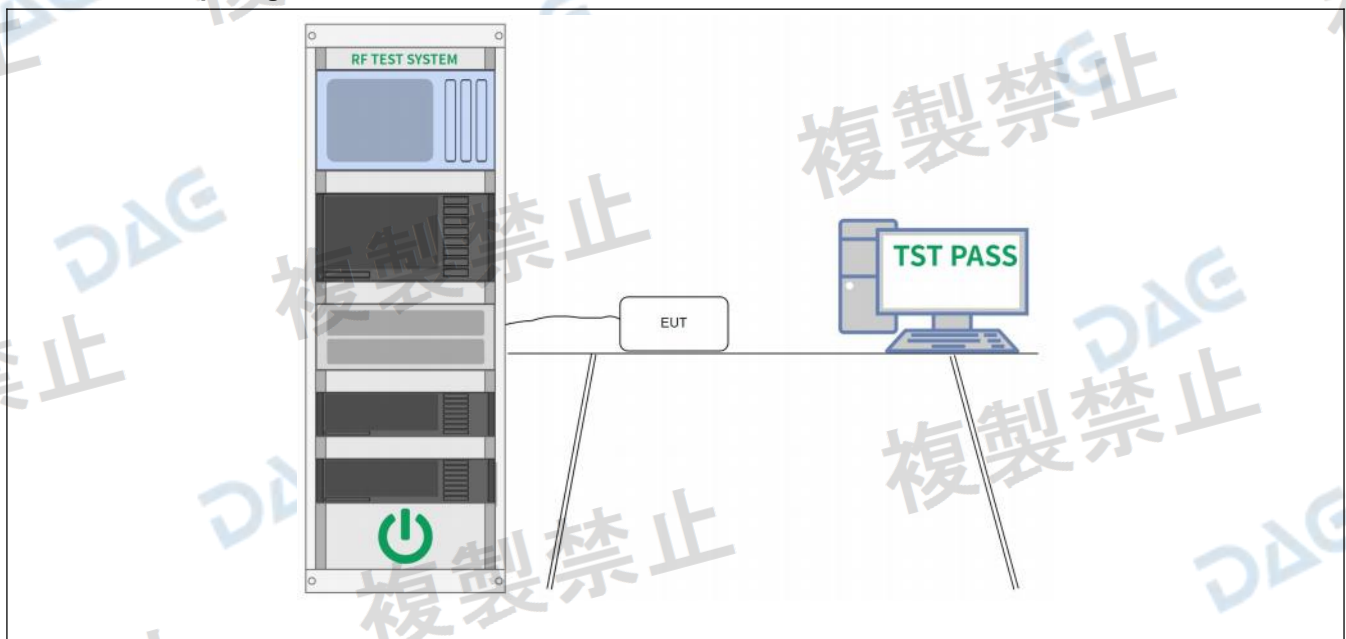
4.9 Transmission Burst Length

Test Requirement:	Article 2-1, Item 19-3
Test Limit:	8ms or less
Test Method:	Frequency: Center of tested frequency Span: 0 Hz RBW: 1 MHz VBW: 1 MHz Sweep time: Auto Sweep data points: 1001 or greater Detector mode: Sample
Procedure:	Configure the spectrum analyzer to [Setting 1] and then search the max pulse, and measure the transmission time.

4.9.1 E.U.T. Operation:

Operating Environment:					
Temperature:	23.8 °C	Humidity:	49 %	Atmospheric Pressure:	102 kPa
Pretest mode:	TM1, TM2, TM3, TM4, TM5, TM6				
Final test mode:	TM1, TM2, TM3, TM4, TM5, TM6				

4.9.2 Test Setup Diagram:



4.9.3 Test Data:

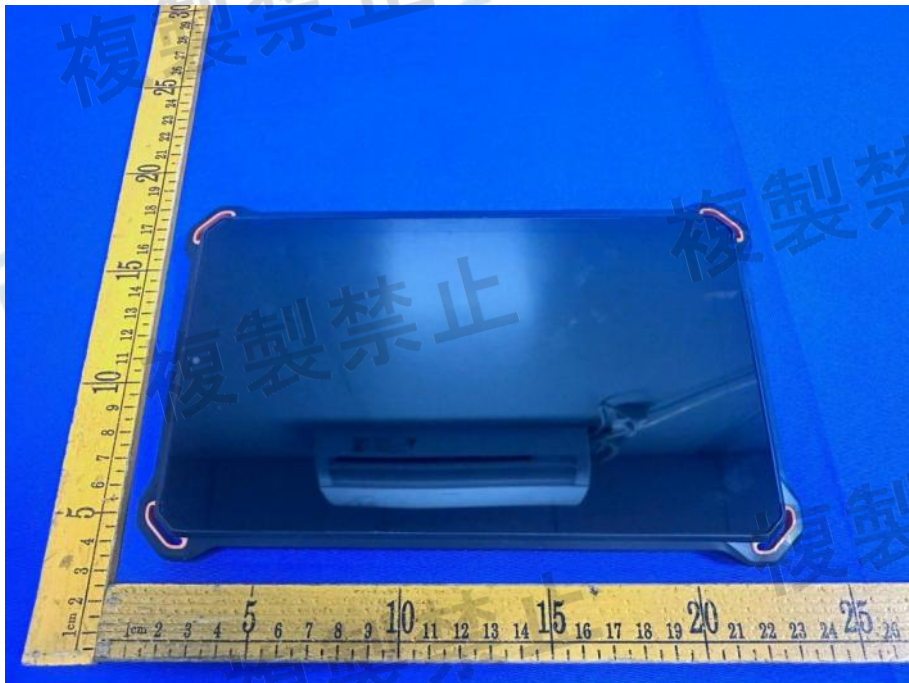
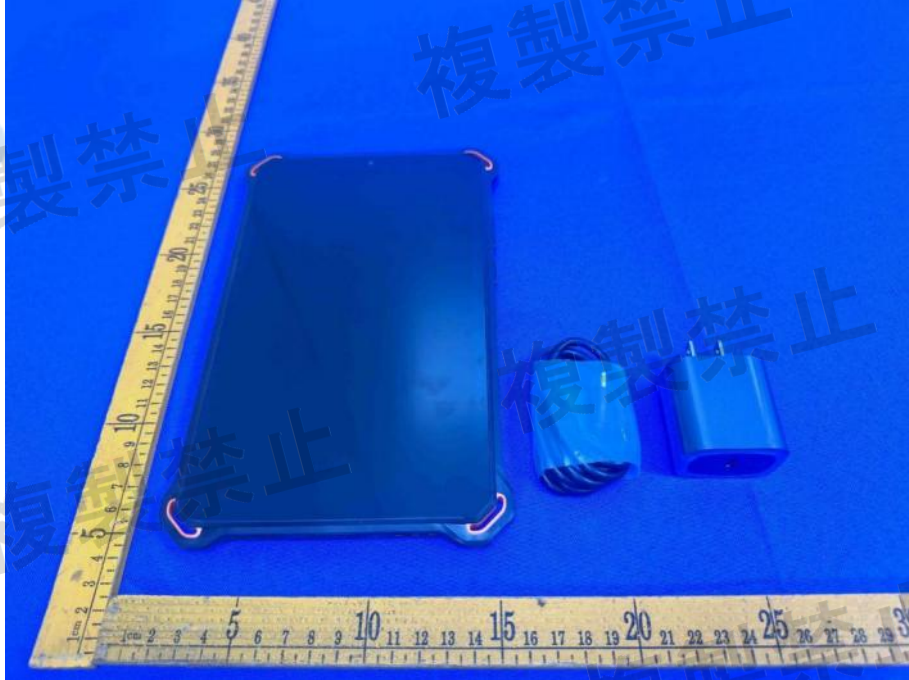
Please Refer to Appendix for Details.

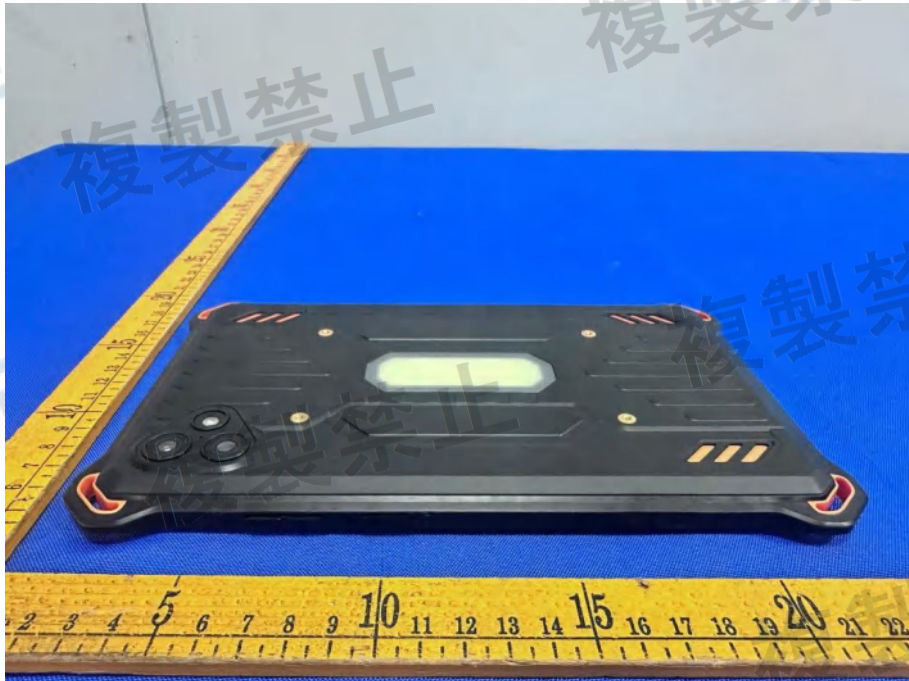
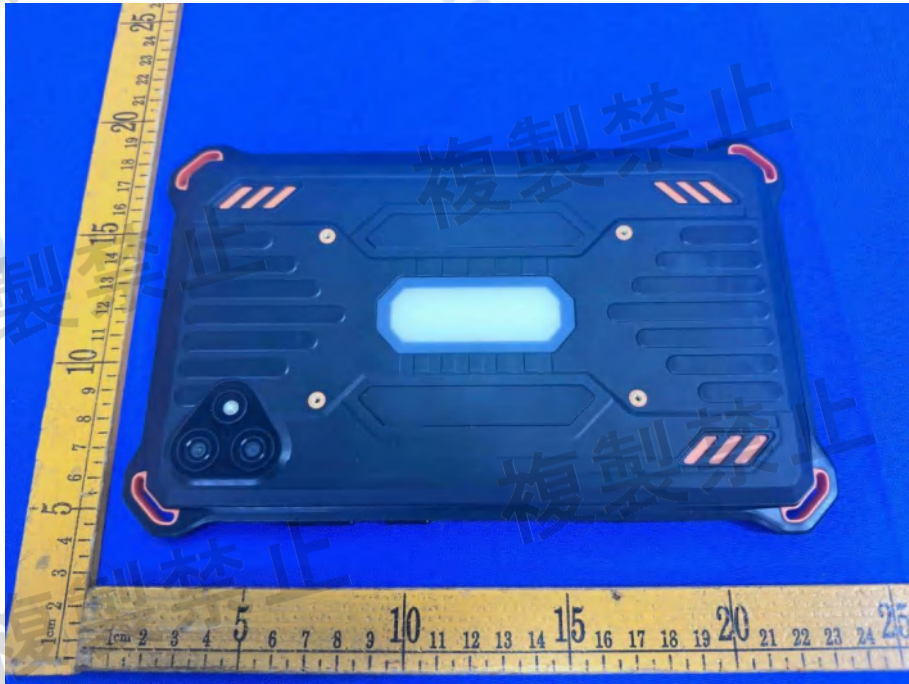
5 TEST SETUP PHOTOS

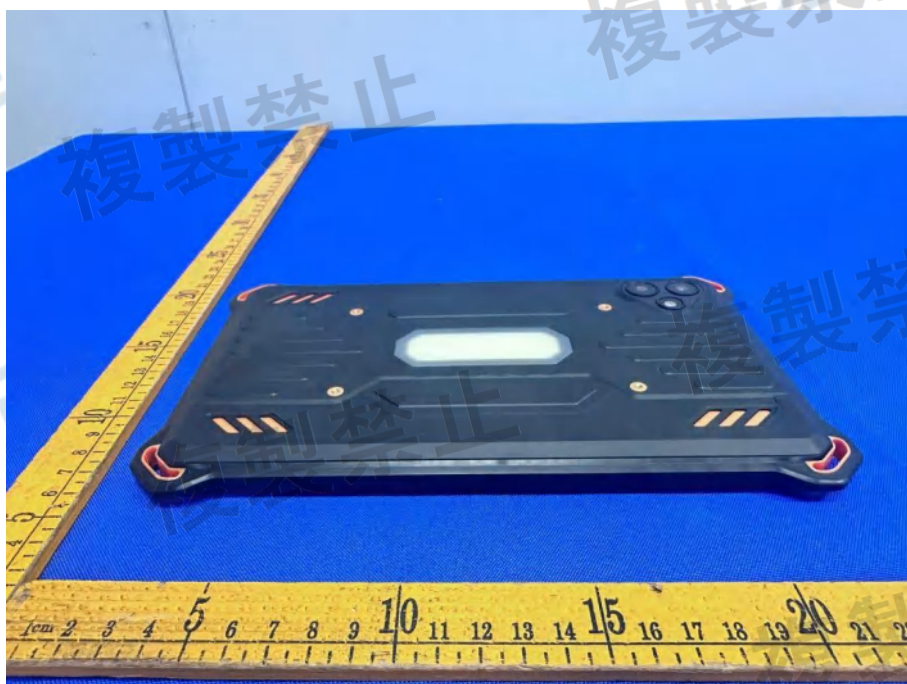
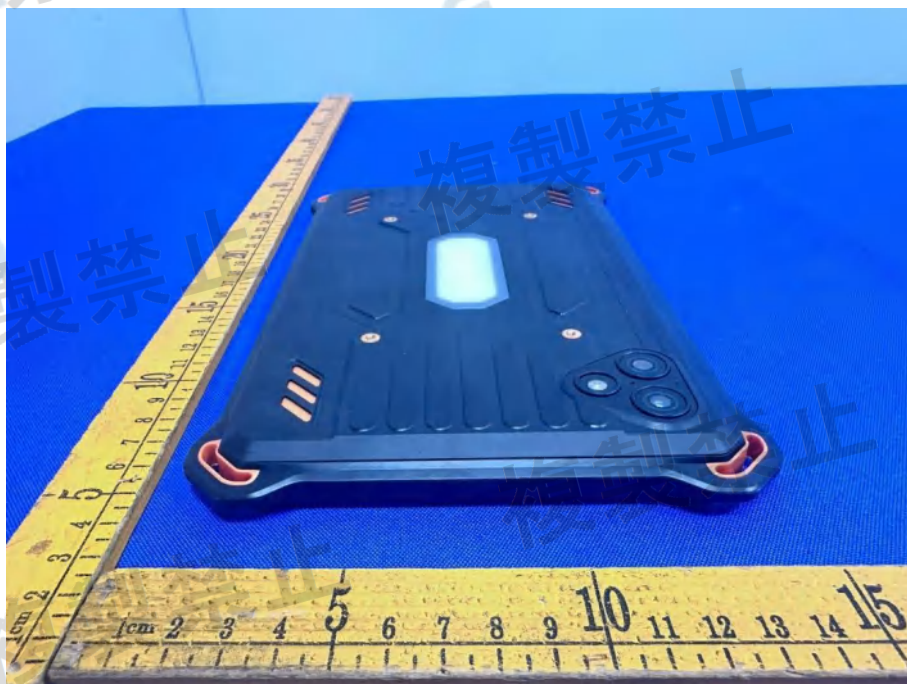


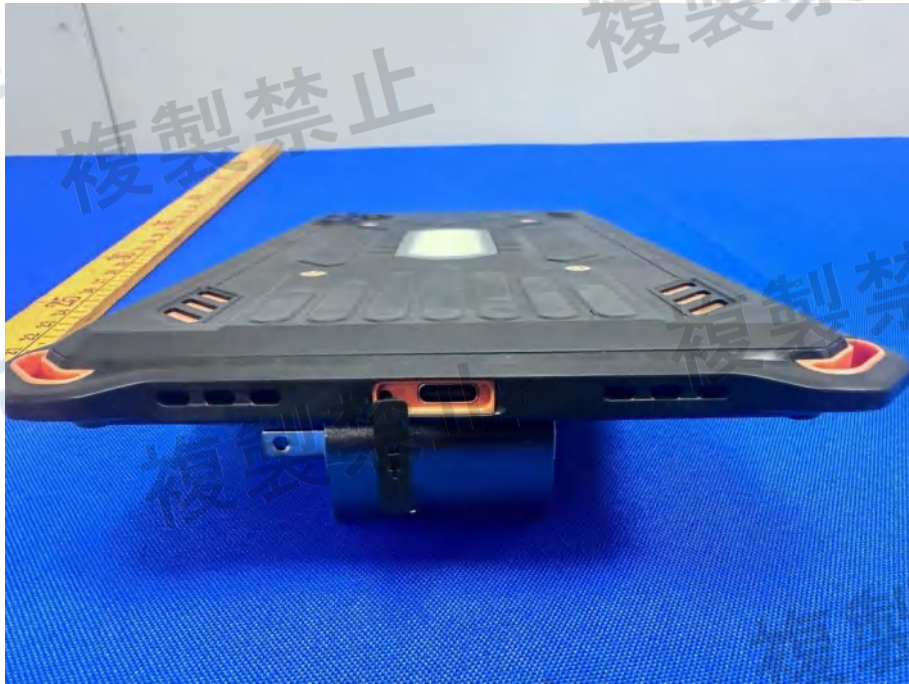
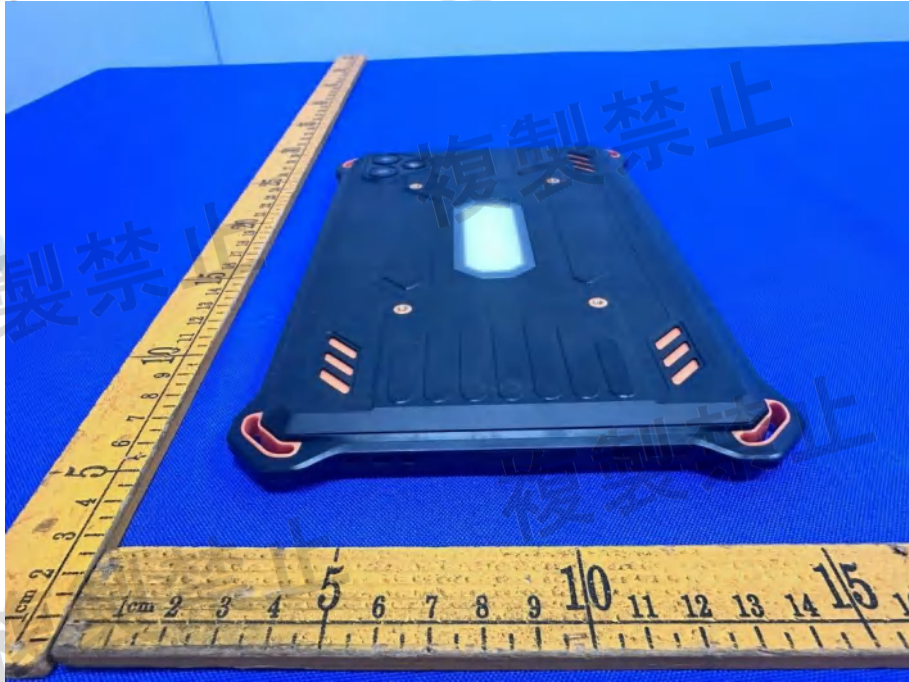
6 PHOTOS OF THE EUT

External





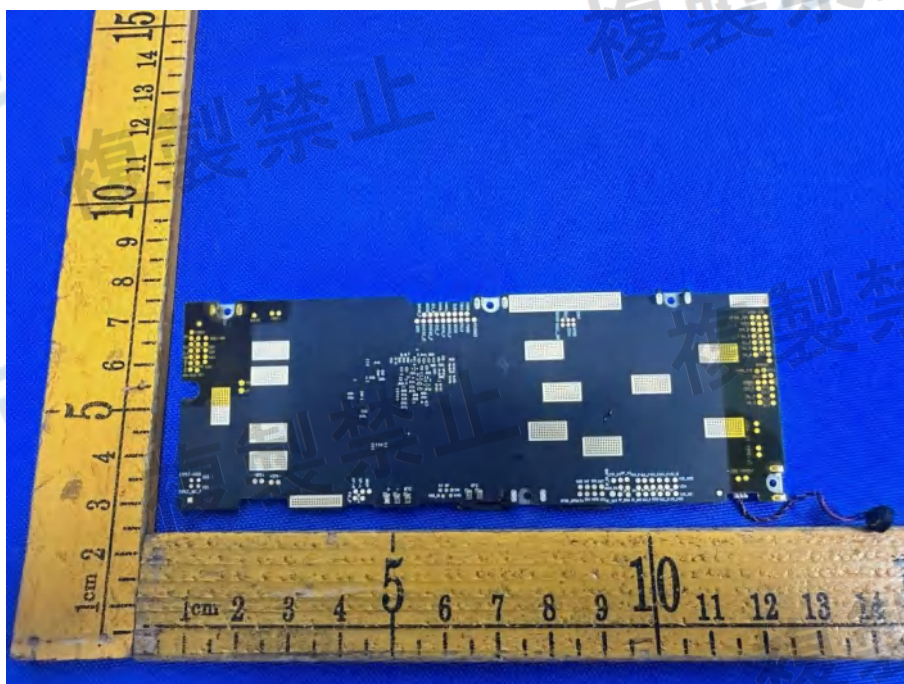
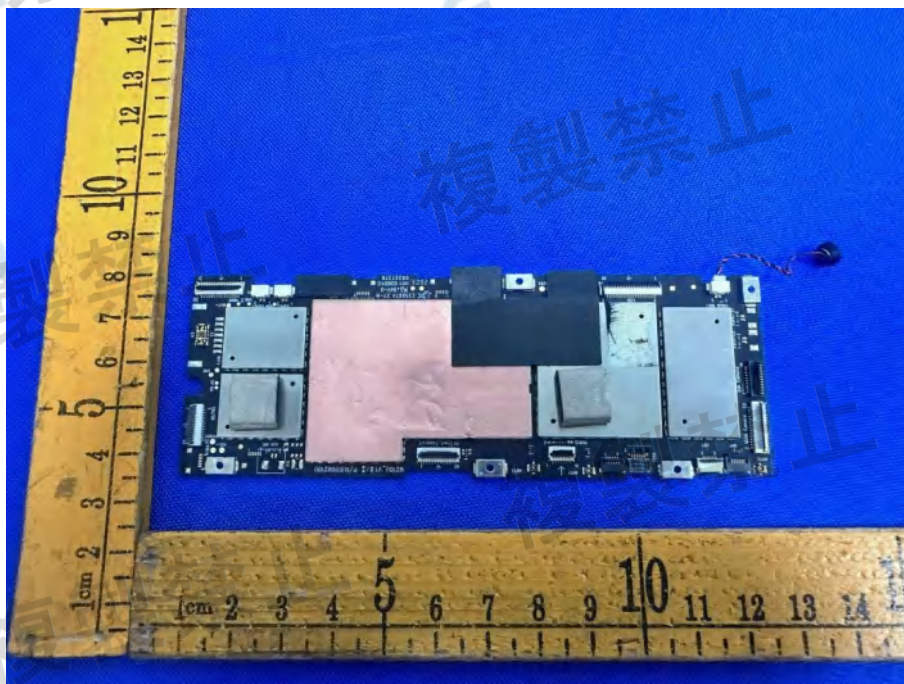


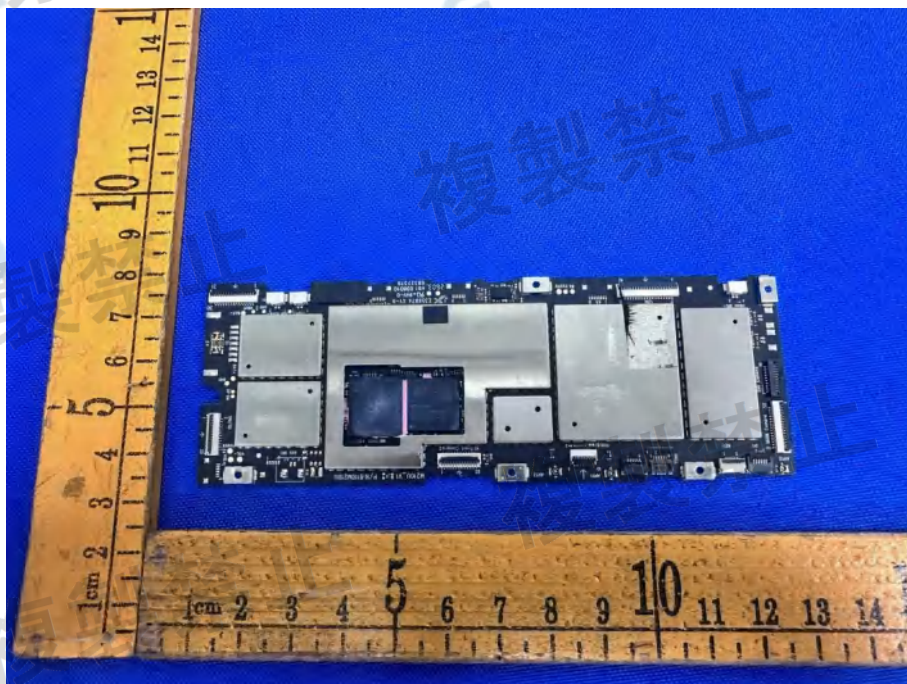




Internal









Appendix-5.2G

HT260723009-AGM-P3-MIC-5.2GWIFI

MIC_5.2G_WIFI (Item_19-3) Test Data

1. Occupied Frequency Bandwidth

Condition	Antenna	Mode	Frequency(MHz)	Occupied Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5180.00	16.60	20	Pass
NVNT	ANT1	802.11a	5200.00	17.12	20	Pass
NVNT	ANT1	802.11a	5240.00	16.87	20	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	17.71	20	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	17.83	20	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	17.77	20	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	17.65	20	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	17.72	20	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	17.69	20	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	36.01	40	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	36.07	40	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	35.91	40	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	36.01	40	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	75.32	80	Pass

Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11a_5180



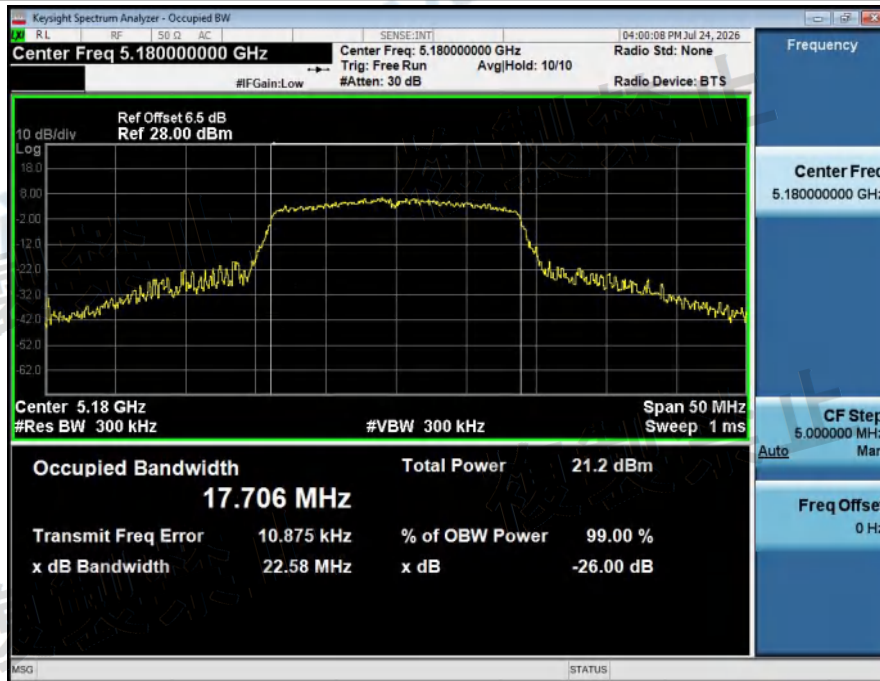
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11a_5200



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11a_5240



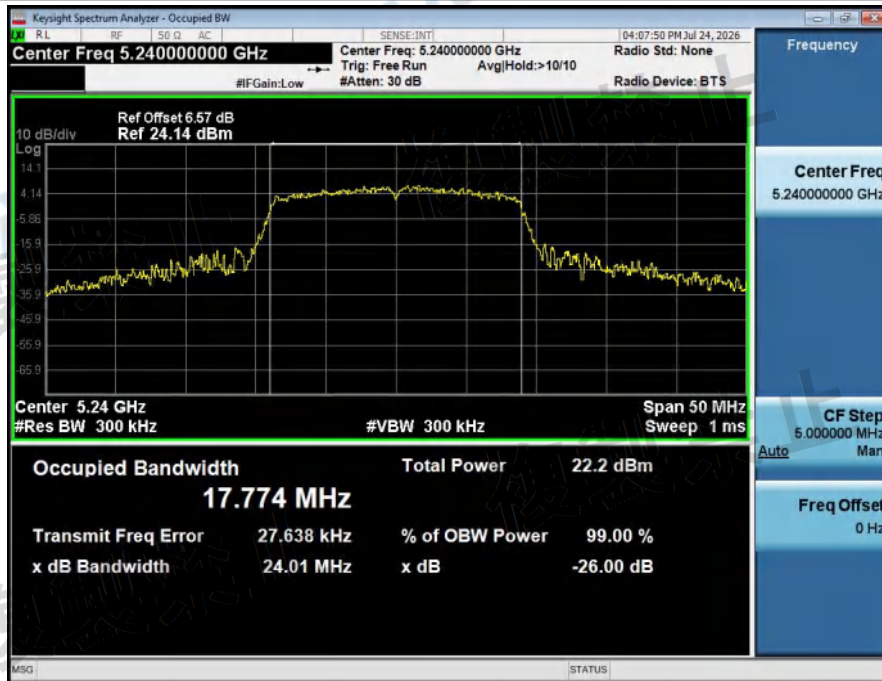
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT20)_5180



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT20)_5200



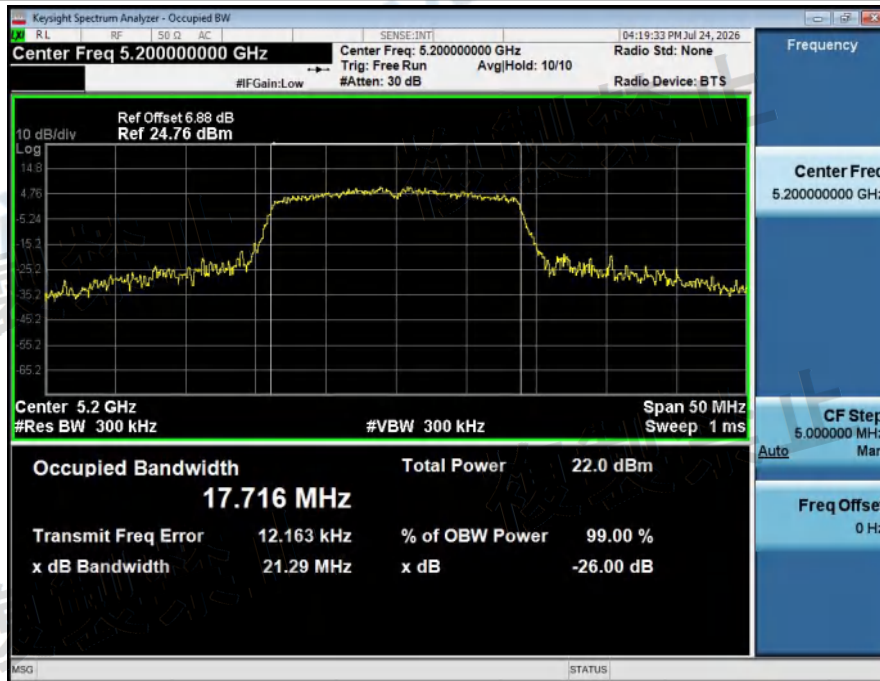
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT20)_5240



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5180



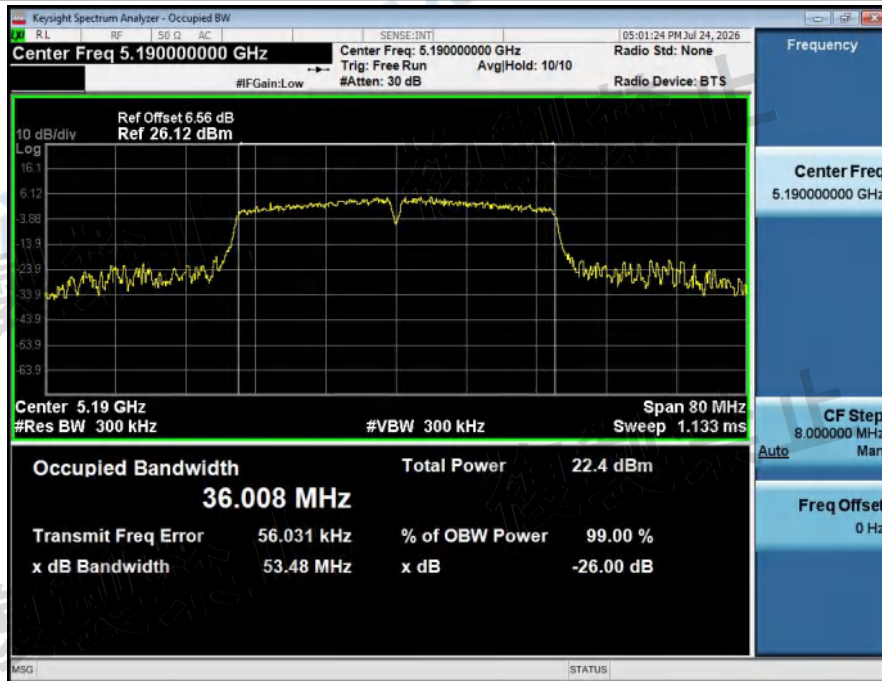
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5200



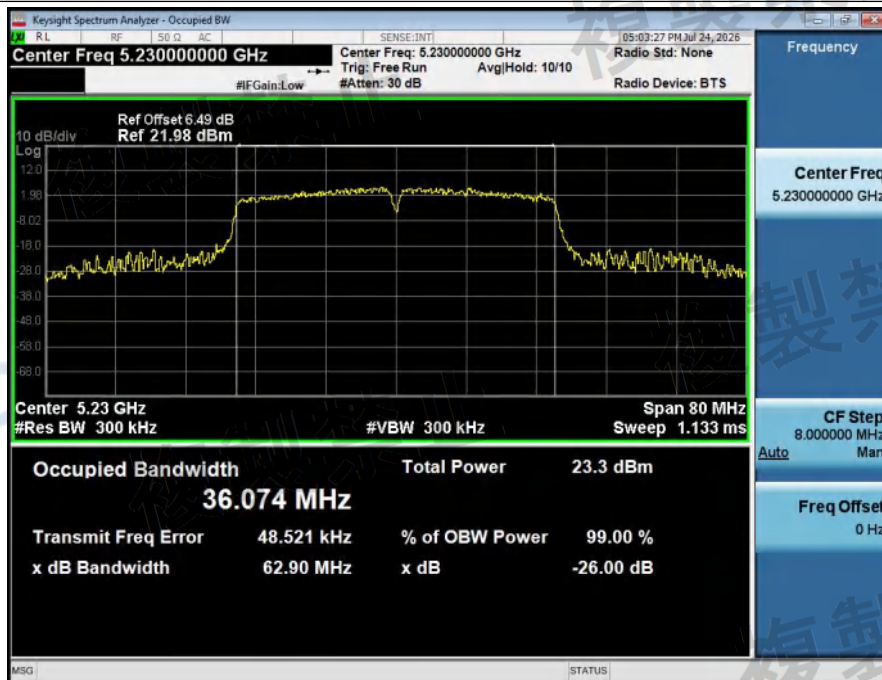
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5240



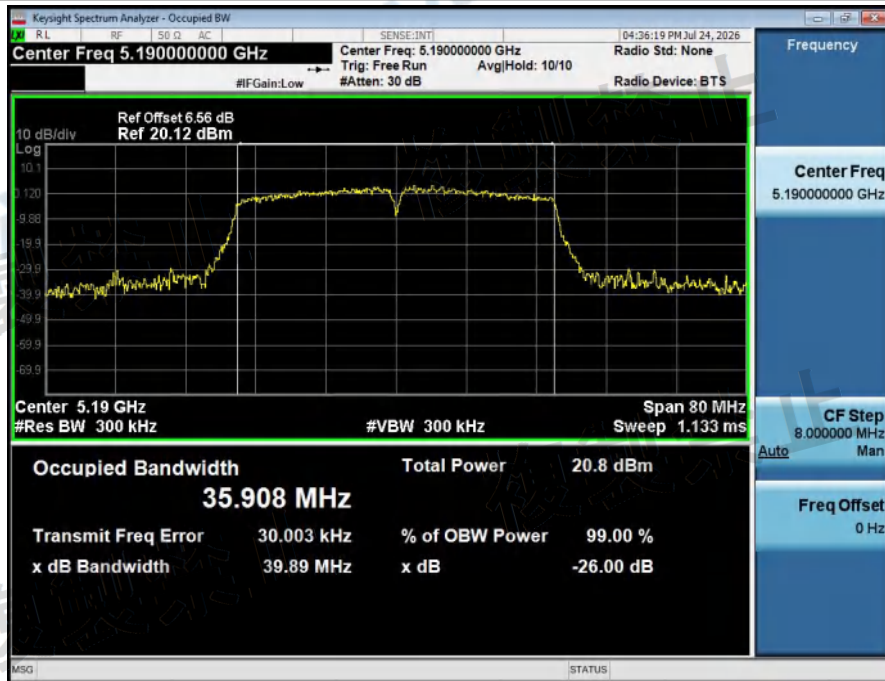
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT40)_5190



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT40)_5230



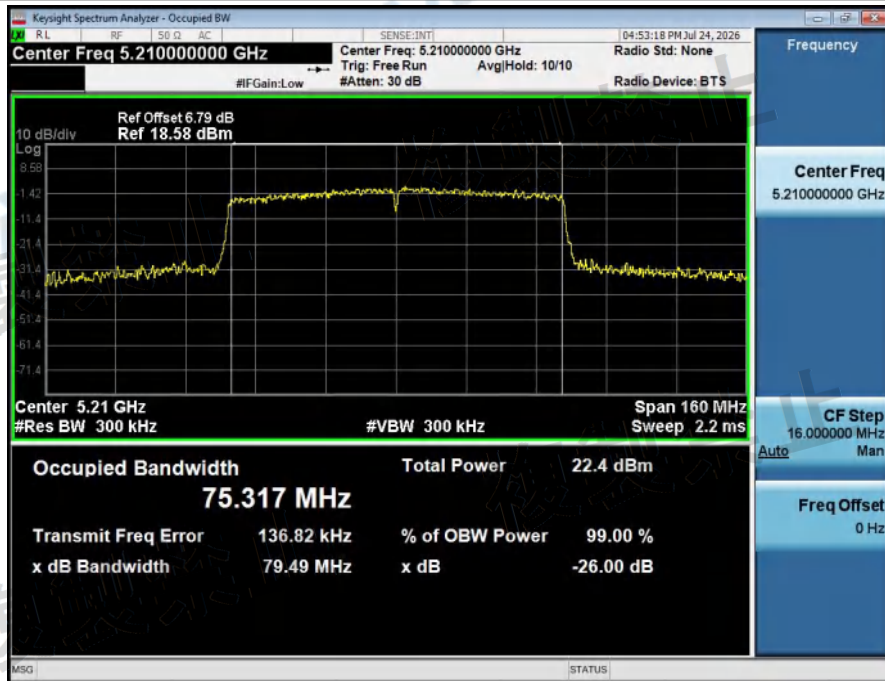
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5190



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5230



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT80)_5210



2. Spread Spectrum Bandwidth

Condition	Antenna	Mode	Frequency(MHz)	Spread Spectrum Bandwidth(MHz)
NVNT	ANT1	802.11a	5180.00	13.98
NVNT	ANT1	802.11a	5200.00	14.05
NVNT	ANT1	802.11a	5240.00	14.07
NVNT	ANT1	802.11n(HT20)	5180.00	14.87
NVNT	ANT1	802.11n(HT20)	5200.00	14.89
NVNT	ANT1	802.11n(HT20)	5240.00	14.87
NVNT	ANT1	802.11ac(VHT20)	5180.00	14.89
NVNT	ANT1	802.11ac(VHT20)	5200.00	14.90
NVNT	ANT1	802.11ac(VHT20)	5240.00	14.91
NVNT	ANT1	802.11n(HT40)	5190.00	30.32
NVNT	ANT1	802.11n(HT40)	5230.00	30.51
NVNT	ANT1	802.11ac(VHT40)	5190.00	30.31
NVNT	ANT1	802.11ac(VHT40)	5230.00	30.60
NVNT	ANT1	802.11ac(VHT80)	5210.00	65.08

Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11a_5180



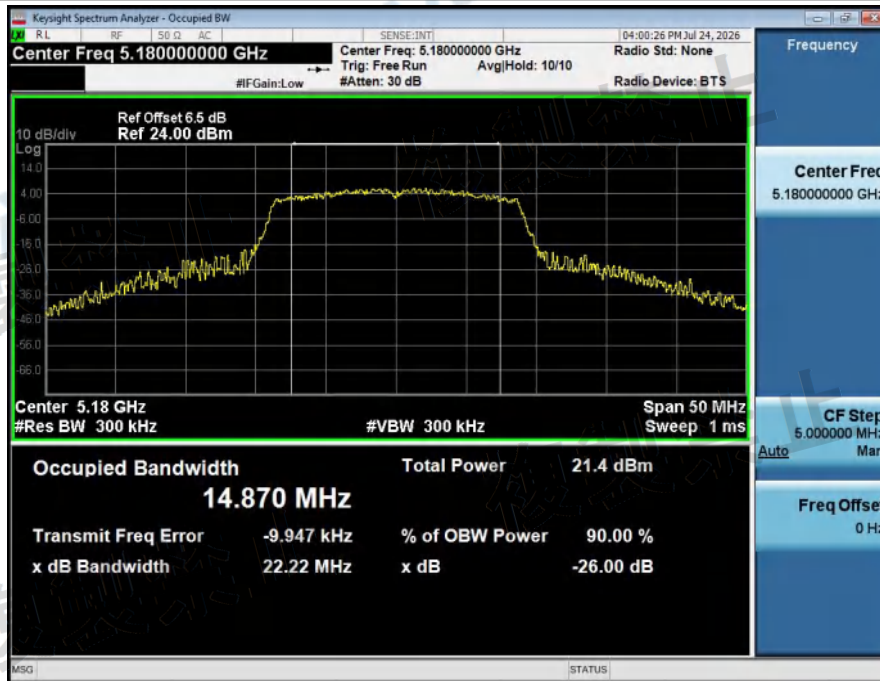
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11a_5200



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11a_5240



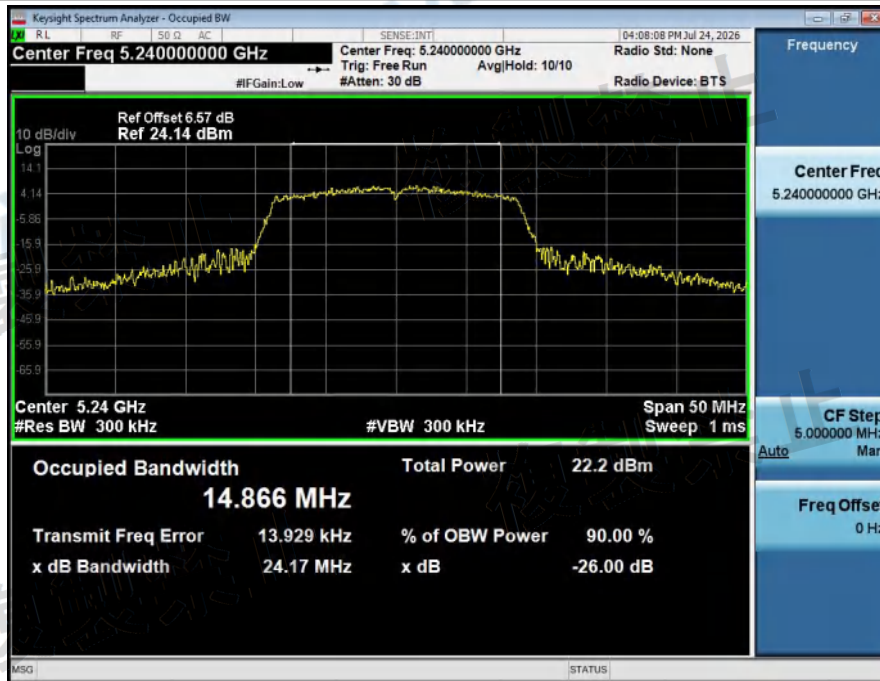
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11n(HT20)_5180



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11n(HT20)_5200



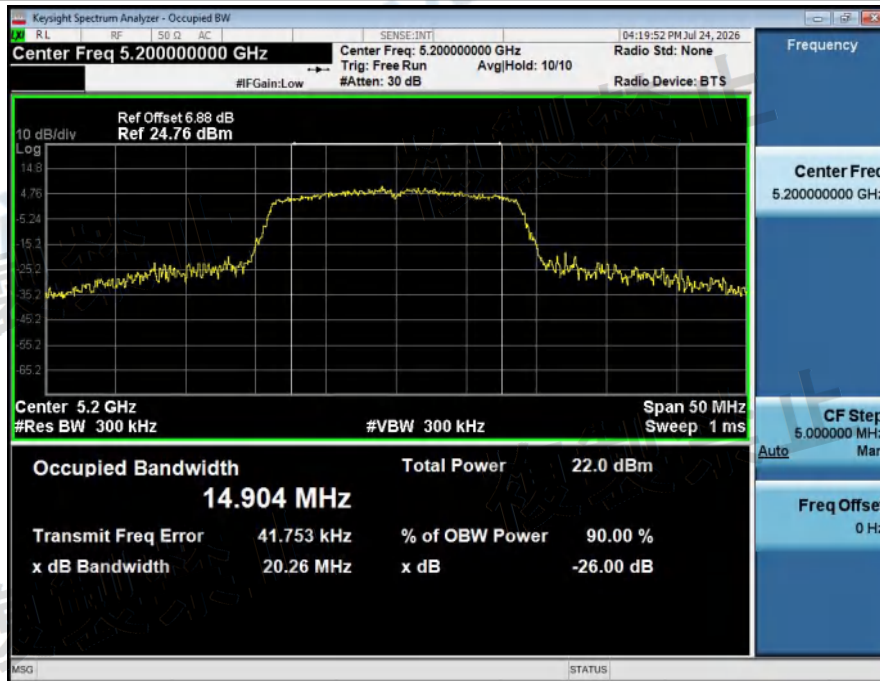
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11n(HT20)_5240



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5180



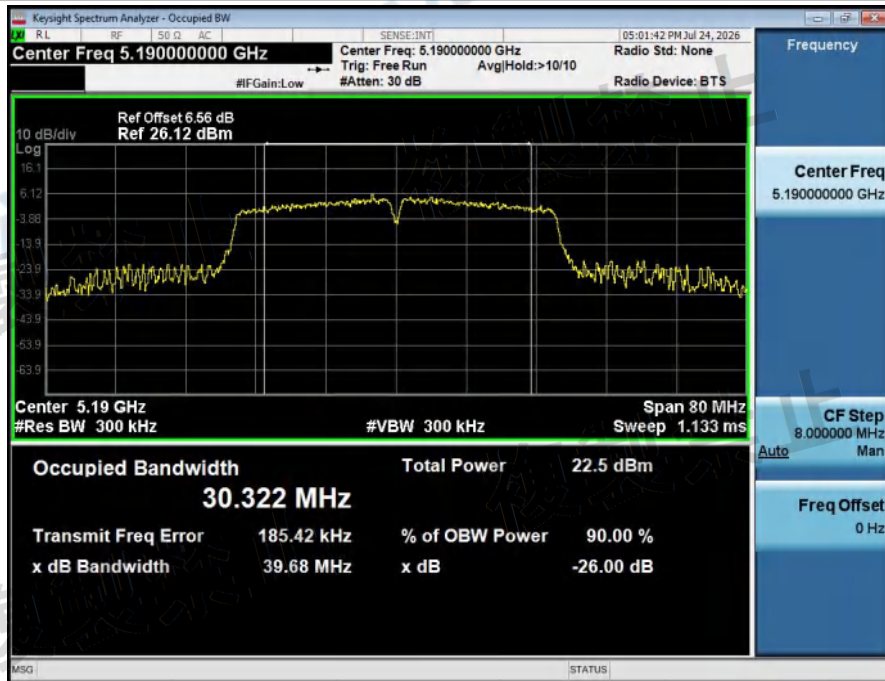
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5200



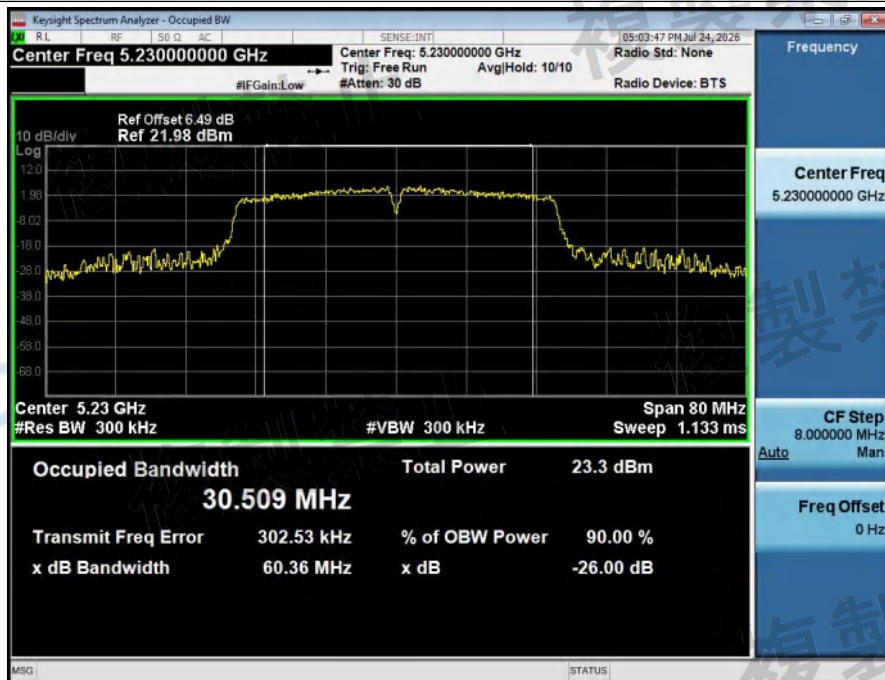
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5240



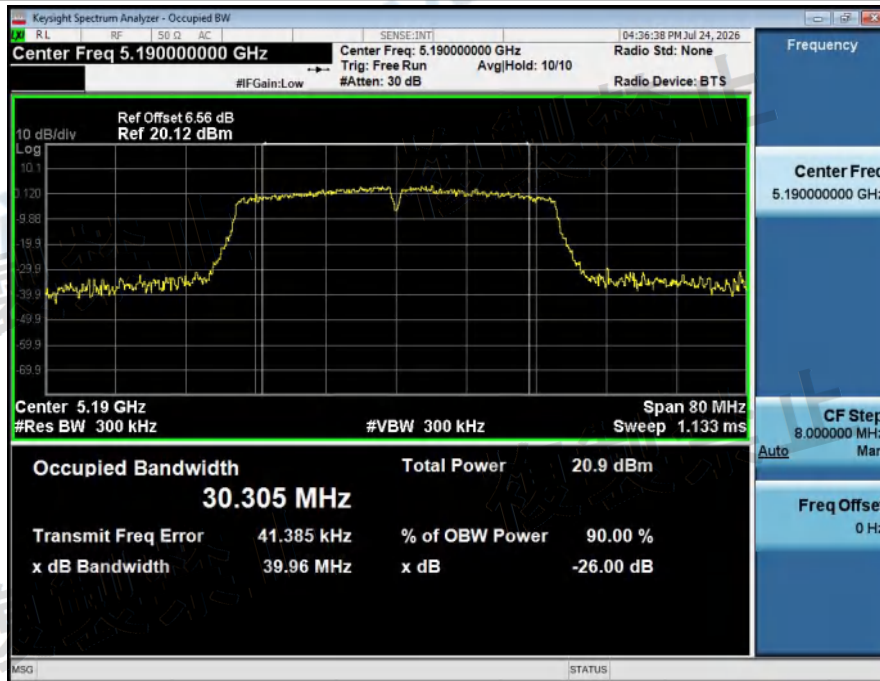
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11n(HT40)_5190



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11n(HT40)_5230



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5190



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5230



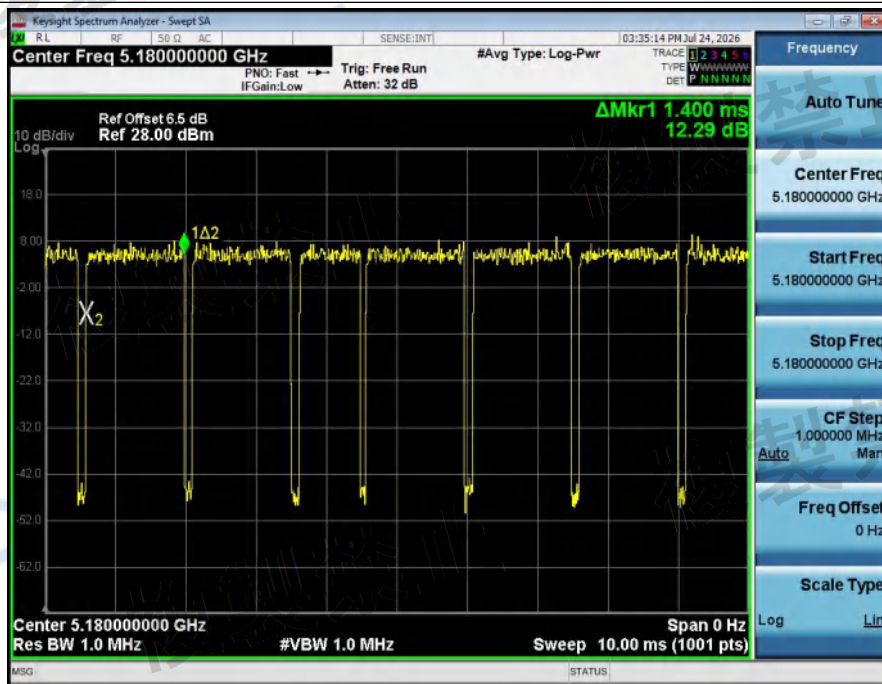
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT80)_5210



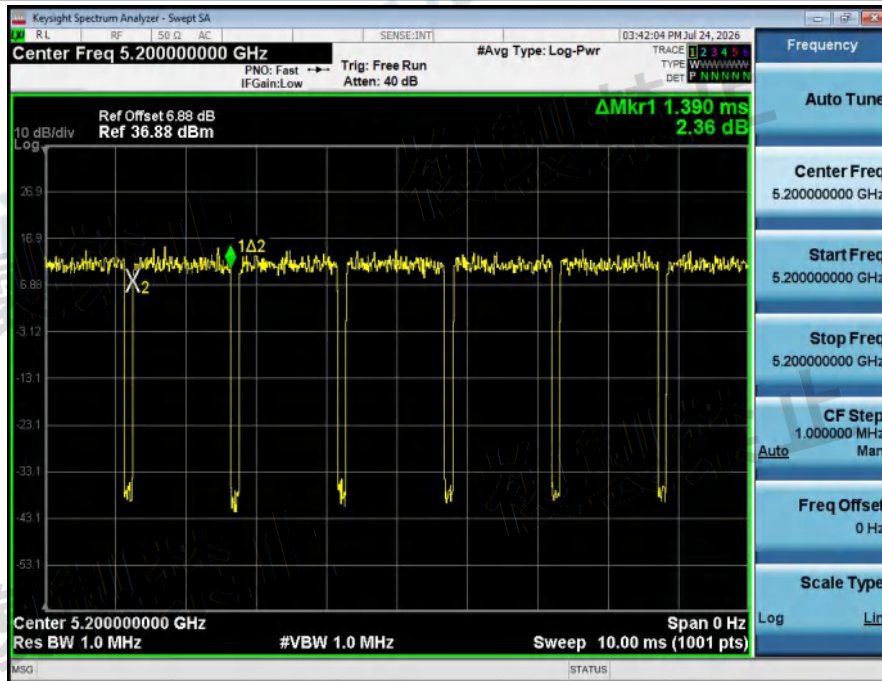
3. Burst Length

Condition	Antenna	Mode	Frequency	Burst_Length(ms)	Limit(ms)	Result
NVNT	ANT1	802.11a	5180.00	1.400	8	Pass
NVNT	ANT1	802.11a	5200.00	1.390	8	Pass
NVNT	ANT1	802.11a	5240.00	1.390	8	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	1.300	8	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	1.300	8	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	1.300	8	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	1.310	8	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	1.310	8	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	1.320	8	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	0.650	8	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	0.650	8	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	0.650	8	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	0.660	8	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	0.330	8	Pass

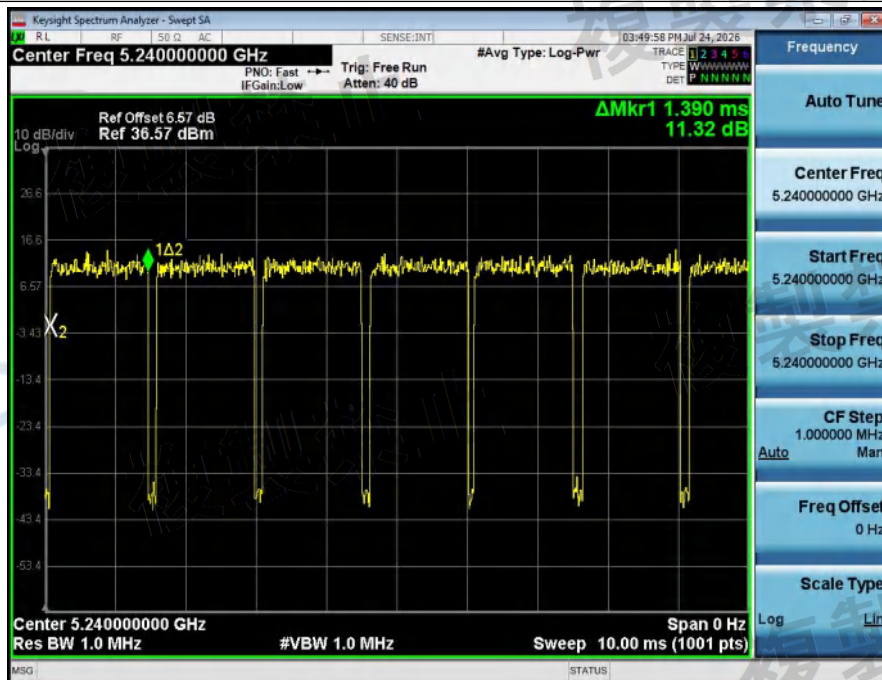
Burst_Length_NVNT_ANT1_802_11a_5180



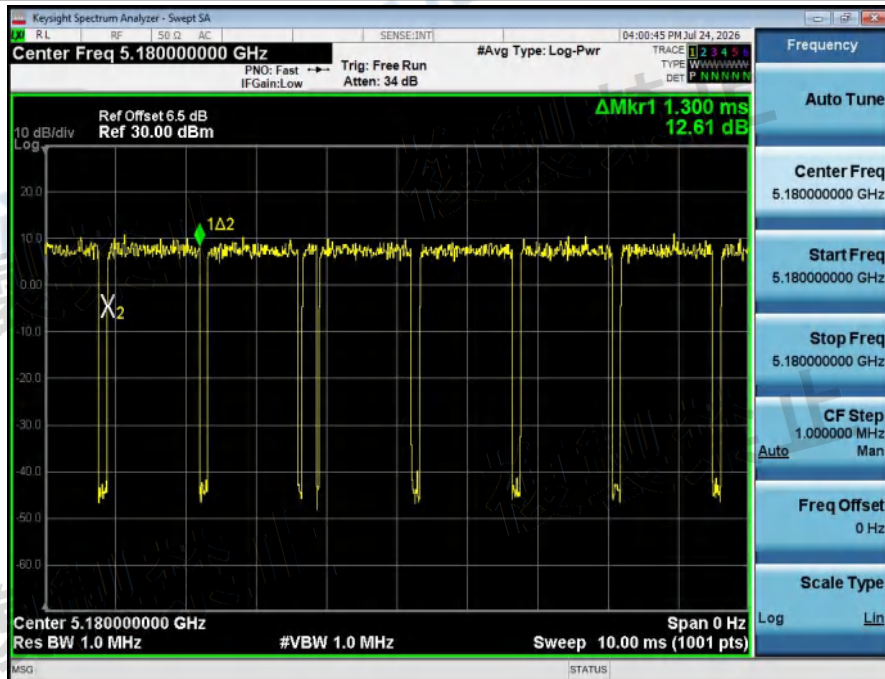
Burst_Length_NVNT_ANT1_802_11a_5200



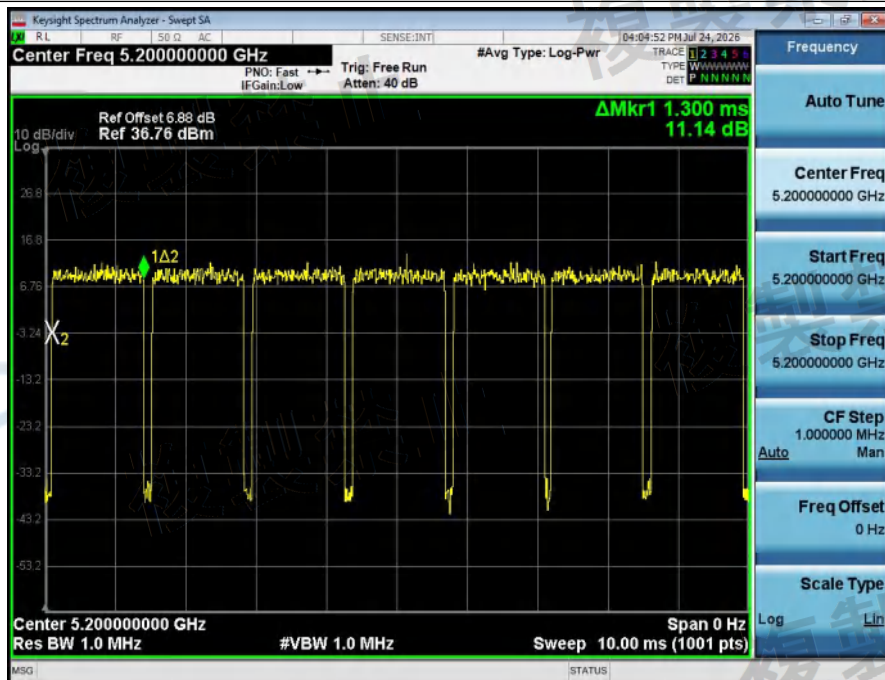
Burst_Length_NVNT_ANT1_802_11a_5240



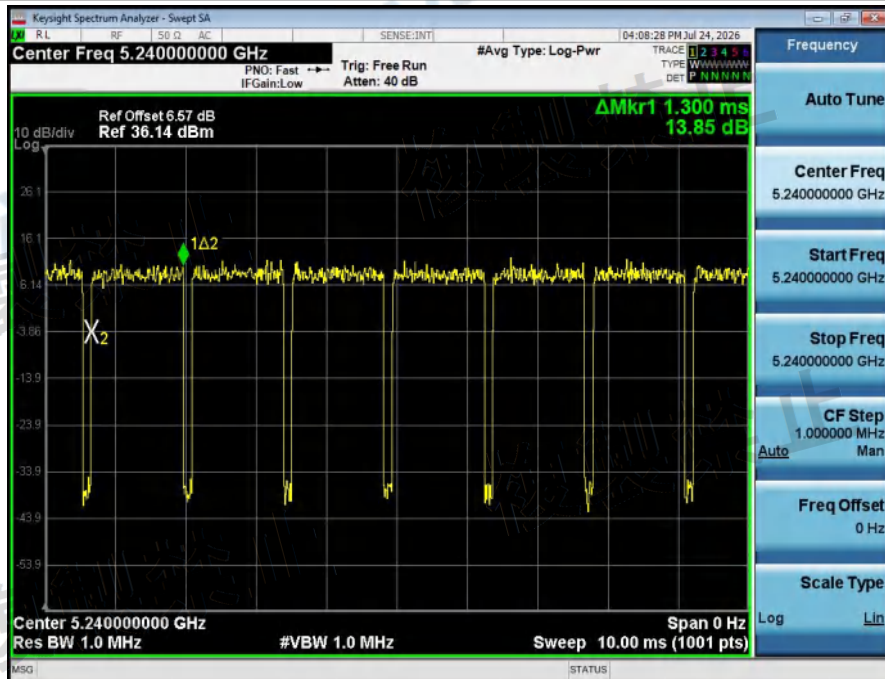
Burst_Length_NVNT_ANT1_802_11n(HT20)_5180



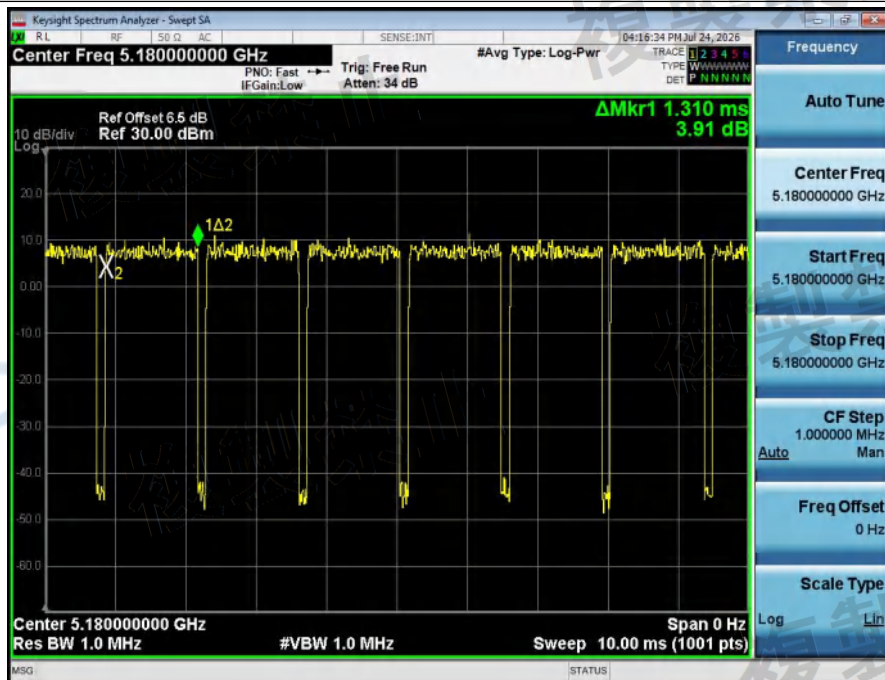
Burst_Length_NVNT_ANT1_802_11n(HT20)_5200



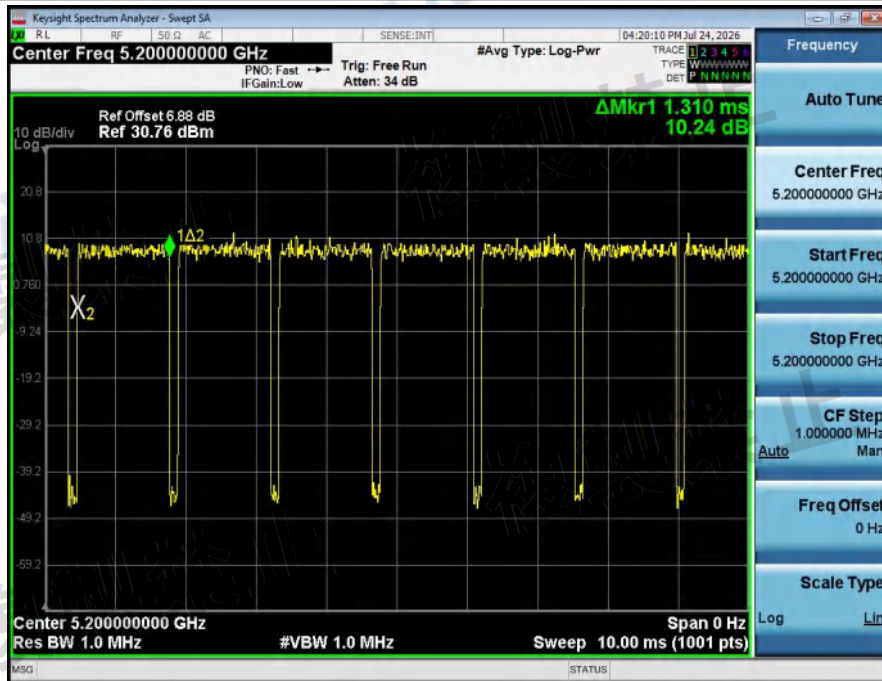
Burst_Length_NVNT_ANT1_802_11n(HT20)_5240



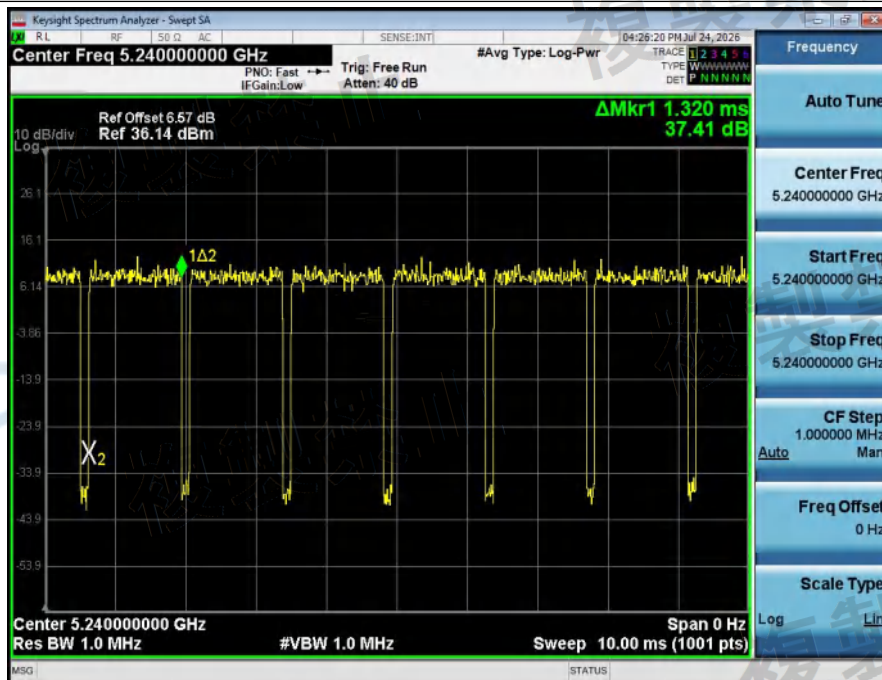
Burst_Length_NVNT_ANT1_802_11ac(VHT20)_5180



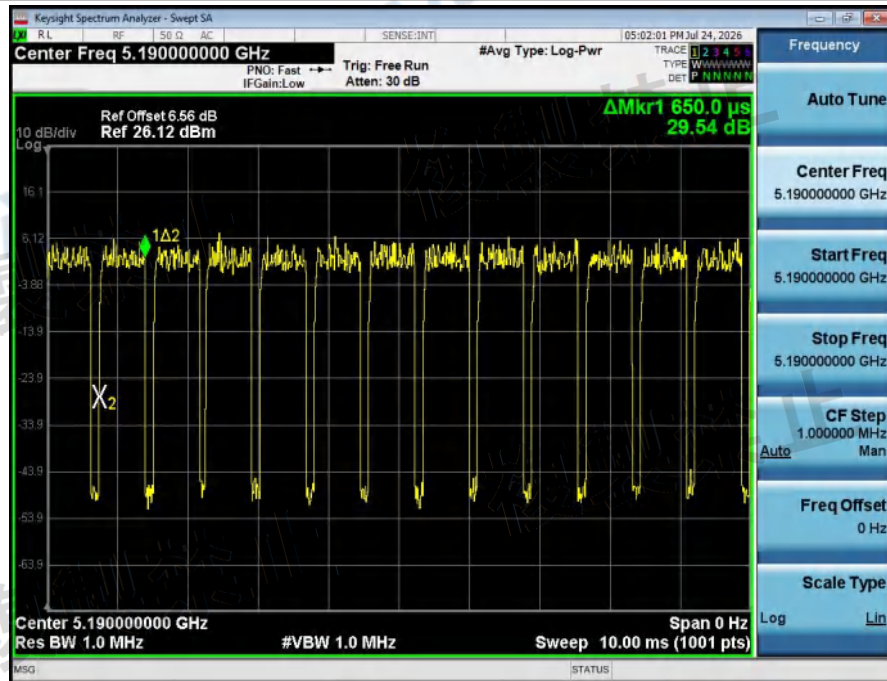
Burst_Length_NVNT_ANT1_802_11ac(VHT20)_5200



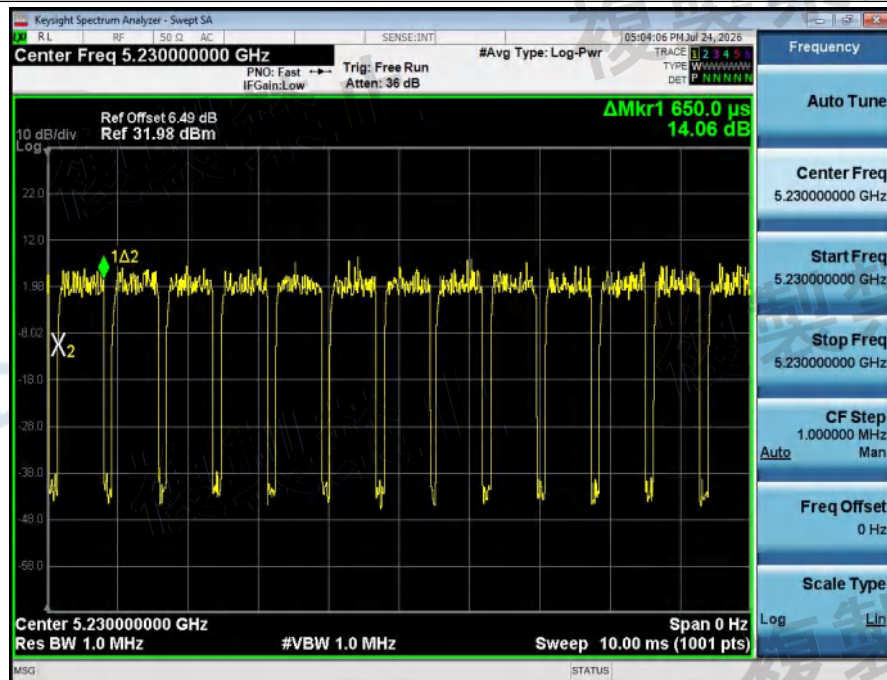
Burst_Length_NVNT_ANT1_802_11ac(VHT20)_5240



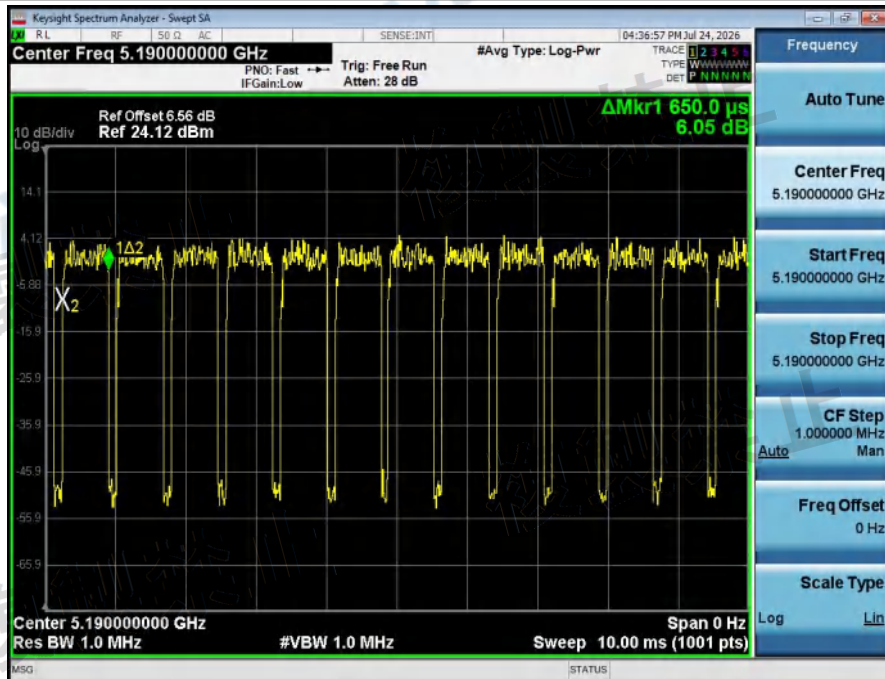
Burst_Length_NVNT_ANT1_802_11n(HT40)_5190



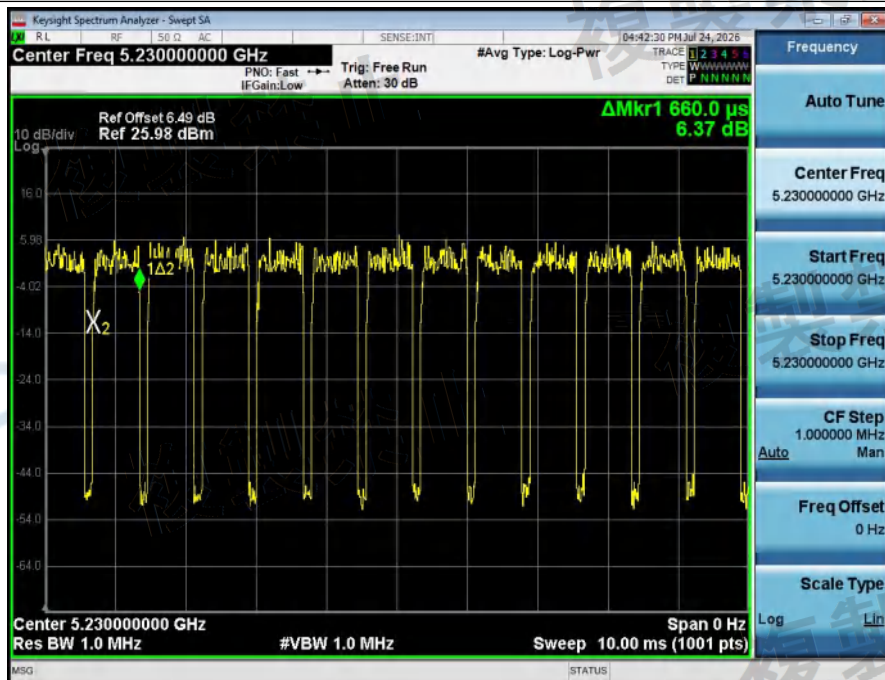
Burst_Length_NVNT_ANT1_802_11n(HT40)_5230



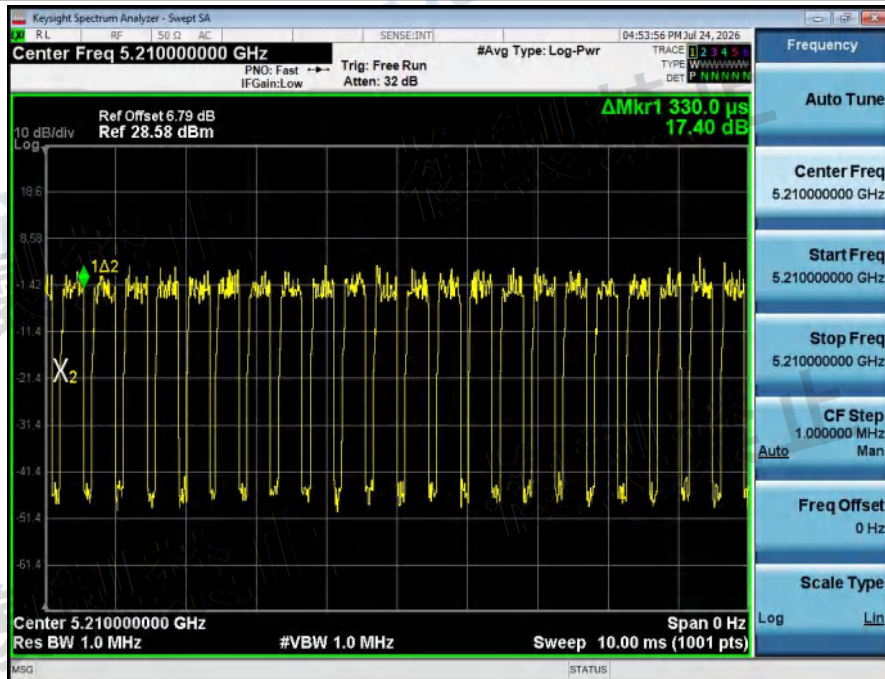
Burst_Length_NVNT_ANT1_802_11ac(VHT40)_5190



Burst_Length_NVNT_ANT1_802_11ac(VHT40)_5230



Burst_Length_NVNT_ANT1_802_11ac(VHT80)_5210



4. RF output power & E.I.R.P(Without TPC)

Condition	Antenna	Mode	Frequency	Measured Power (dBm)	Antenna Power (mW/MHz)	Rated Power (mW/MHz)	Power Limit (mW/MHz)	Power Tolerance(%)	Tolerance Limit(%)	Result
NVNT	ANT1	802.11a	5180.00	2.10	1.62	2	10.00	-18.91	-80~+20	Pass
NVNT	ANT1	802.11a	5200.00	2.83	1.92	2	10.00	-4.07	-80~+20	Pass
NVNT	ANT1	802.11a	5240.00	2.66	1.85	2	10.00	-7.75	-80~+20	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	1.09	1.29	2	10.00	-35.74	-80~+20	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	1.16	1.31	2	10.00	-34.69	-80~+20	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	1.87	1.54	2	10.00	-23.09	-80~+20	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	0.31	1.07	2	10.00	-46.30	-80~+20	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	0.45	1.11	2	10.00	-44.54	-80~+20	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	0.71	1.18	2	10.00	-41.12	-80~+20	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	0.50	1.12	2	5.00	-43.90	-80~+20	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	0.05	1.01	2	5.00	-49.42	-80~+20	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	0.12	1.03	2	5.00	-48.60	-80~+20	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	0.25	1.06	2	5.00	-47.04	-80~+20	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	-4.22	0.38	1	2.50	-62.16	-80~+20	Pass

Condition	Antenna	Mode	Frequency	Measured Power(dBm/MHz)	Antenna Gain(dBi)	EIRP (dBm/MHz)	EIRP (mW/MHz)	EIRP Limit(mW/MHz)	Result
NVNT	ANT1	802.11a	5180.00	2.10	3.07	5.17	3.289	10.00	Pass
NVNT	ANT1	802.11a	5200.00	2.83	3.07	5.9	3.890	10.00	Pass
NVNT	ANT1	802.11a	5240.00	2.66	3.07	5.73	3.741	10.00	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	1.09	3.07	4.16	2.606	10.00	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	1.16	3.07	4.23	2.649	10.00	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	1.87	3.07	4.94	3.119	10.00	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	0.31	3.07	3.38	2.178	10.00	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	0.45	3.07	3.52	2.249	10.00	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	0.71	3.07	3.78	2.388	10.00	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	0.50	3.07	3.57	2.275	5.00	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	0.05	3.07	3.12	2.051	5.00	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	0.12	3.07	3.19	2.084	5.00	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	0.25	3.07	3.32	2.148	5.00	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	-4.22	3.07	-1.15	0.767	2.50	Pass

5. Spurious Emissions

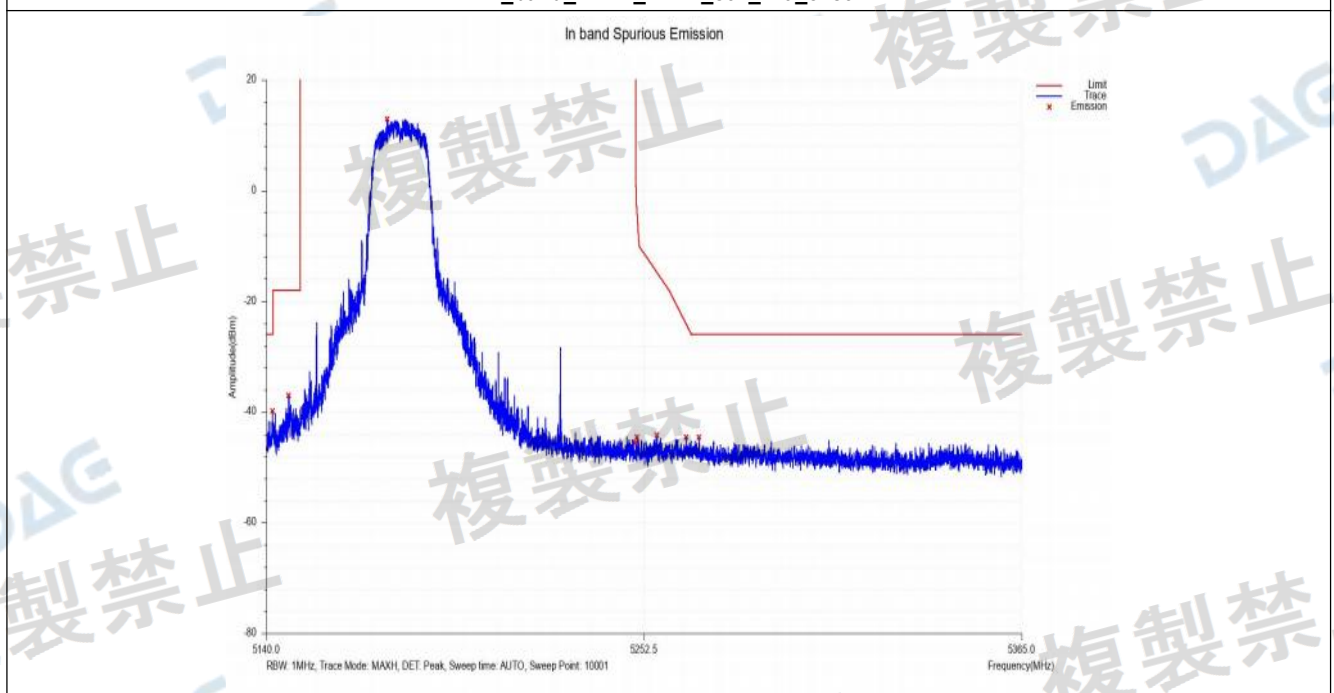
Condition	Mode	TX Freq.(MHz)	Freq Range (MHz)	Spur. Freq. (MHz)	Amplitude (dBm/MHz)	Limit (dBm/MHz)	Spur. Level	Limit	Result
NVNT	802.11a	5180.00	5140.0~5142.0	5141.778	-39.86	-26.00	0.1033μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5180.00	5142.0~5150.0	5146.660	-37.01	-18.00	0.1989μW/MHz	15μW/MHz	Pass
NVNT	802.11a	5180.00	5250.0~5251.0	5250.385	-44.59	-3.85	0.000035mW/MHz	0.412098mW/MHz	Pass
NVNT	802.11a	5180.00	5251.0~5260.0	5256.370	-44.19	-14.77	0.000038mW/MHz	0.033317mW/MHz	Pass
NVNT	802.11a	5180.00	5260.0~5266.7	5264.988	-44.55	-23.99	0.000035mW/MHz	0.003995mW/MHz	Pass
NVNT	802.11a	5180.00	5266.7~5365.0	5268.858	-44.61	-26.00	0.0345μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5180.00	30.0~5140.0	5138.628	-43.54	-26.00	0.0442μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5180.00	5365.0~10000.0	6354.968	-45.37	-26.00	0.0290μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5180.00	10000.0~26000.0	15544.000	-45.25	-26.00	0.0298μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5200.00	5140.0~5142.0	5141.755	-36.85	-26.00	0.2064μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5200.00	5142.0~5150.0	5147.313	-34.44	-18.00	0.3593μW/MHz	15μW/MHz	Pass
NVNT	802.11a	5200.00	5250.0~5251.0	5250.363	-35.12	-3.63	0.000308mW/MHz	0.434010mW/MHz	Pass
NVNT	802.11a	5200.00	5251.0~5260.0	5253.017	-32.37	-11.79	0.000580mW/MHz	0.066171mW/MHz	Pass
NVNT	802.11a	5200.00	5260.0~5266.7	5262.535	-33.55	-21.04	0.000442mW/MHz	0.007867mW/MHz	Pass
NVNT	802.11a	5200.00	5266.7~5365.0	5267.800	-36.42	-26.00	0.2281μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5200.00	30.0~5140.0	5130.652	-41.19	-26.00	0.0760μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5200.00	5365.0~10000.0	6234.331	-43.87	-26.00	0.0409μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5200.00	10000.0~26000.0	15604.800	-35.31	-26.00	0.2945μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5240.00	5140.0~5142.0	5140.427	-47.20	-26.00	0.0190μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5240.00	5142.0~5150.0	5146.998	-46.46	-18.00	0.0225μW/MHz	15μW/MHz	Pass
NVNT	802.11a	5240.00	5250.0~5251.0	5250.205	-13.22	-2.05	0.047615mW/MHz	0.623735mW/MHz	Pass
NVNT	802.11a	5240.00	5251.0~5260.0	5252.905	-13.68	-11.69	0.042811mW/MHz	0.067712mW/MHz	Pass
NVNT	802.11a	5240.00	5260.0~5266.7	5260.443	-21.85	-18.53	0.006533mW/MHz	0.014025mW/MHz	Pass
NVNT	802.11a	5240.00	5266.7~5365.0	5270.950	-27.61	-26.00	1.7351μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5240.00	30.0~5140.0	3617.206	-45.89	-26.00	0.0257μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5240.00	5365.0~10000.0	5742.810	-45.48	-26.00	0.0282μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5240.00	10000.0~26000.0	15715.200	-37.96	-26.00	0.1598μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5180.00	5140.0~5142.0	5141.823	-42.02	-26.00	0.0628μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5180.00	5142.0~5150.0	5149.068	-30.43	-18.00	0.9049μW/MHz	15μW/MHz	Pass
NVNT	802.11n(HT20)	5180.00	5250.0~5251.0	5250.858	-45.85	-8.58	0.000026mW/MHz	0.138835mW/MHz	Pass
NVNT	802.11n(HT20)	5180.00	5251.0~5260.0	5253.557	-44.75	-12.27	0.000034mW/MHz	0.059247mW/MHz	Pass
NVNT	802.11n(HT20)	5180.00	5260.0~5266.7	5261.860	-44.33	-20.23	0.000037mW/MHz	0.009480mW/MHz	Pass
NVNT	802.11n(HT20)	5180.00	5266.7~5365.0	5266.900	-43.86	-26.00	0.0410μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5180.00	30.0~5140.0	5095.757	-44.24	-26.00	0.0376μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5180.00	5365.0~10000.0	7238.310	-45.05	-26.00	0.0312μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5180.00	10000.0~26000.0	15536.000	-44.08	-26.00	0.0391μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5200.00	5140.0~5142.0	5141.395	-40.98	-26.00	0.0798μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5200.00	5142.0~5150.0	5145.783	-31.68	-18.00	0.6793μW/MHz	15μW/MHz	Pass

NVNT	802.11n(HT20)	5200.00	5250.0~5251.0	5250.993	-36.84	-9.93	0.000207mW/MHz	0.101742mW/MHz	Pass
NVNT	802.11n(HT20)	5200.00	5251.0~5260.0	5252.320	-33.53	-11.17	0.000443mW/MHz	0.076325mW/MHz	Pass
NVNT	802.11n(HT20)	5200.00	5260.0~5266.7	5264.065	-36.39	-22.88	0.000230mW/MHz	0.005155mW/MHz	Pass
NVNT	802.11n(HT20)	5200.00	5266.7~5365.0	5267.980	-28.72	-26.00	1.3441μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5200.00	30.0~5140.0	5137.631	-39.83	-26.00	0.1040μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5200.00	5365.0~10000.0	5729.849	-44.40	-26.00	0.0363μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5200.00	10000.0~26000.0	15601.600	-38.15	-26.00	0.1531μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5240.00	5140.0~5142.0	5140.405	-47.56	-26.00	0.0175μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5240.00	5142.0~5150.0	5148.483	-46.65	-18.00	0.0216μW/MHz	15μW/MHz	Pass
NVNT	802.11n(HT20)	5240.00	5250.0~5251.0	5250.273	-10.61	-2.73	0.086965mW/MHz	0.533949mW/MHz	Pass
NVNT	802.11n(HT20)	5240.00	5251.0~5260.0	5252.185	-13.07	-11.05	0.049360mW/MHz	0.078463mW/MHz	Pass
NVNT	802.11n(HT20)	5240.00	5260.0~5266.7	5260.443	-22.98	-18.53	0.005035mW/MHz	0.014025mW/MHz	Pass
NVNT	802.11n(HT20)	5240.00	5266.7~5365.0	5273.177	-29.68	-26.00	1.0770μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5240.00	30.0~5140.0	5041.919	-46.12	-26.00	0.0244μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5240.00	5365.0~10000.0	5810.606	-44.73	-26.00	0.0336μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5240.00	10000.0~26000.0	15726.400	-39.10	-26.00	0.1229μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5180.00	5140.0~5142.0	5140.180	-42.15	-26.00	0.0609μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5180.00	5142.0~5150.0	5149.743	-38.72	-18.00	0.1341μW/MHz	15μW/MHz	Pass
NVNT	802.11ac(VHT20)	5180.00	5250.0~5251.0	5250.565	-45.88	-5.65	0.000026mW/MHz	0.272270mW/MHz	Pass
NVNT	802.11ac(VHT20)	5180.00	5251.0~5260.0	5252.163	-43.93	-11.03	0.000040mW/MHz	0.078825mW/MHz	Pass
NVNT	802.11ac(VHT20)	5180.00	5260.0~5266.7	5263.030	-43.76	-21.64	0.000042mW/MHz	0.006861mW/MHz	Pass
NVNT	802.11ac(VHT20)	5180.00	5266.7~5365.0	5267.778	-44.42	-26.00	0.0361μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5180.00	30.0~5140.0	5137.631	-43.94	-26.00	0.0403μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5180.00	5365.0~10000.0	5832.540	-45.08	-26.00	0.0310μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5180.00	10000.0~26000.0	25011.200	-45.72	-26.00	0.0268μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5200.00	5140.0~5142.0	5141.868	-44.33	-26.00	0.0368μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5200.00	5142.0~5150.0	5142.092	-41.37	-18.00	0.0729μW/MHz	15μW/MHz	Pass
NVNT	802.11ac(VHT20)	5200.00	5250.0~5251.0	5250.632	-41.51	-6.32	0.000071mW/MHz	0.233077mW/MHz	Pass
NVNT	802.11ac(VHT20)	5200.00	5251.0~5260.0	5252.860	-40.67	-11.65	0.000086mW/MHz	0.068339mW/MHz	Pass
NVNT	802.11ac(VHT20)	5200.00	5260.0~5266.7	5264.290	-36.74	-23.15	0.000212mW/MHz	0.004844mW/MHz	Pass
NVNT	802.11ac(VHT20)	5200.00	5266.7~5365.0	5298.445	-32.41	-26.00	0.5734μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5200.00	30.0~5140.0	3654.095	-44.84	-26.00	0.0328μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5200.00	5365.0~10000.0	5734.834	-44.20	-26.00	0.0380μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5200.00	10000.0~26000.0	15600.000	-39.61	-26.00	0.1093μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5240.00	5140.0~5142.0	5140.900	-46.41	-26.00	0.0228μW/MHz	2.5μW/MHz	Pass

NVNT	802.11ac(VHT20)	5240.00	5142.0~5150.0	5143.892	-46.50	-18.00	0.0223μW/MHz	15μW/MHz	Pass
NVNT	802.11ac(VHT20)	5240.00	5250.0~5251.0	5250.453	-7.71	-4.53	0.169346mW/MHz	0.352777mW/MHz	Pass
NVNT	802.11ac(VHT20)	5240.00	5251.0~5260.0	5251.015	-21.50	-10.01	0.007080mW/MHz	0.099693mW/MHz	Pass
NVNT	802.11ac(VHT20)	5240.00	5260.0~5266.7	5263.885	-26.06	-22.66	0.002480mW/MHz	0.005418mW/MHz	Pass
NVNT	802.11ac(VHT20)	5240.00	5266.7~5365.0	5267.778	-26.01	-26.00	2.5056μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5240.00	30.0~5140.0	3656.089	-45.25	-26.00	0.0298μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5240.00	5365.0~10000.0	5405.824	-44.36	-26.00	0.0366μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5240.00	10000.0~26000.0	15724.800	-38.64	-26.00	0.1367μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5190.00	5100.0~5141.6	5135.520	-27.95	-26.00	1.6016μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5190.00	5141.6~5150.0	5145.720	-25.92	-18.00	2.5580μW/MHz	15μW/MHz	Pass
NVNT	802.11n(HT40)	5190.00	5250.0~5251.0	5250.990	-28.70	-12.91	0.001348mW/MHz	0.051165mW/MHz	Pass
NVNT	802.11n(HT40)	5190.00	5251.0~5270.0	5251.080	-28.45	-13.04	0.001428mW/MHz	0.049614mW/MHz	Pass
NVNT	802.11n(HT40)	5190.00	5270.0~5278.4	5274.840	-35.72	-23.91	0.000268mW/MHz	0.004060mW/MHz	Pass
NVNT	802.11n(HT40)	5190.00	5278.4~5400.0	5282.310	-34.21	-26.00	0.3796μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5190.00	30.0~5100.0	5092.766	-41.98	-26.00	0.0633μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5190.00	5400.0~10000.0	7001.024	-45.15	-26.00	0.0305μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5190.00	10000.0~26000.0	15572.800	-45.44	-26.00	0.0285μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5230.00	5100.0~5141.6	5141.130	-44.38	-26.00	0.0364μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5230.00	5141.6~5150.0	5149.050	-39.50	-18.00	0.1121μW/MHz	15μW/MHz	Pass
NVNT	802.11n(HT40)	5230.00	5250.0~5251.0	5250.000	-13.45	-3.01	0.045215mW/MHz	0.500000mW/MHz	Pass
NVNT	802.11n(HT40)	5230.00	5251.0~5270.0	5263.980	-18.65	-18.48	0.013644mW/MHz	0.014205mW/MHz	Pass
NVNT	802.11n(HT40)	5230.00	5270.0~5278.4	5270.610	-26.09	-21.38	0.002461mW/MHz	0.007284mW/MHz	Pass
NVNT	802.11n(HT40)	5230.00	5278.4~5400.0	5282.340	-29.74	-26.00	1.0618μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5230.00	30.0~5100.0	3601.254	-45.28	-26.00	0.0296μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5230.00	5400.0~10000.0	5710.906	-45.32	-26.00	0.0294μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5230.00	10000.0~26000.0	15699.200	-42.51	-26.00	0.0560μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5190.00	5100.0~5141.6	5140.500	-33.81	-26.00	0.4161μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5190.00	5141.6~5150.0	5147.940	-29.19	-18.00	1.2063μW/MHz	15μW/MHz	Pass
NVNT	802.11ac(VHT40)	5190.00	5250.0~5251.0	5250.690	-36.23	-9.91	0.000238mW/MHz	0.102087mW/MHz	Pass
NVNT	802.11ac(VHT40)	5190.00	5251.0~5270.0	5251.230	-34.01	-13.11	0.000398mW/MHz	0.048897mW/MHz	Pass
NVNT	802.11ac(VHT40)	5190.00	5270.0~5278.4	5271.630	-41.58	-21.99	0.000069mW/MHz	0.006327mW/MHz	Pass
NVNT	802.11ac(VHT40)	5190.00	5278.4~5400.0	5283.660	-42.68	-26.00	0.0539μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5190.00	30.0~5100.0	3173.541	-45.76	-26.00	0.0265μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5190.00	5400.0~10000.0	6308.109	-45.27	-26.00	0.0297μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5190.00	10000.0~26000.0	25016.000	-46.46	-26.00	0.0225μW/MHz	2.5μW/MHz	Pass

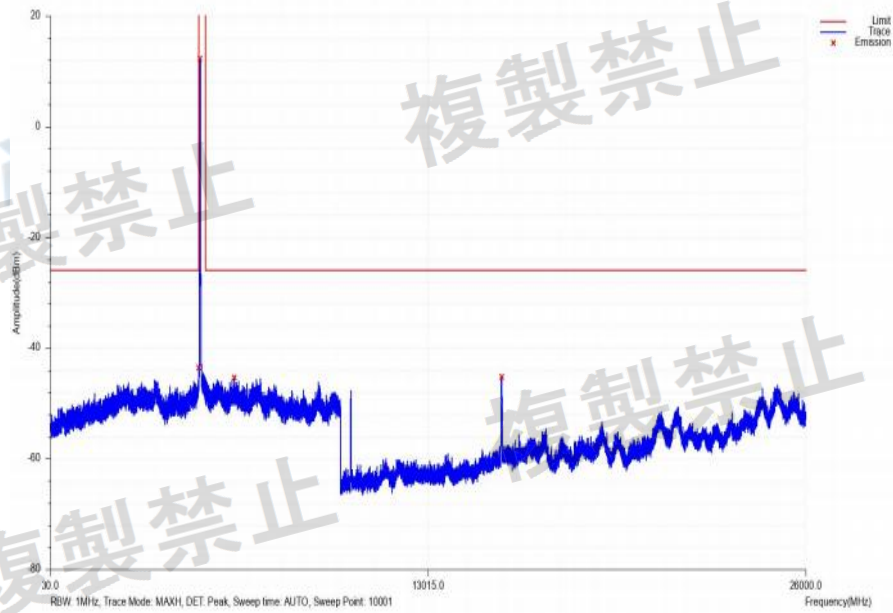
NVNT	802.11ac(VHT40)	5230.00	5100.0~5141.6	5133.240	-43.10	-26.00	0.0490μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5230.00	5141.6~5150.0	5149.620	-40.17	-18.00	0.0960μW/MHz	15μW/MHz	Pass
NVNT	802.11ac(VHT40)	5230.00	5250.0~5251.0	5250.000	-10.98	-3.01	0.079757mW/MHz	0.500000mW/MHz	Pass
NVNT	802.11ac(VHT40)	5230.00	5251.0~5270.0	5251.020	-17.66	-13.02	0.017144mW/MHz	0.049903mW/MHz	Pass
NVNT	802.11ac(VHT40)	5230.00	5270.0~5278.4	5270.340	-24.43	-21.21	0.003604mW/MHz	0.007561mW/MHz	Pass
NVNT	802.11ac(VHT40)	5230.00	5278.4~5400.0	5283.060	-27.90	-26.00	1.6214μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5230.00	30.0~5100.0	2627.185	-45.48	-26.00	0.0283μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5230.00	5400.0~10000.0	6286.175	-44.59	-26.00	0.0347μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5230.00	10000.0~26000.0	15688.000	-41.88	-26.00	0.0648μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5210.00	5100.0~5123.2	5118.924	-29.87	-26.00	1.0306μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5210.00	5123.2~5150.0	5149.704	-26.17	-18.00	2.4176μW/MHz	15μW/MHz	Pass
NVNT	802.11ac(VHT80)	5210.00	5250.0~5251.0	5250.214	-16.34	-8.16	0.023250mW/MHz	0.152736mW/MHz	Pass
NVNT	802.11ac(VHT80)	5210.00	5251.0~5290.0	5251.088	-19.79	-16.04	0.010490mW/MHz	0.024896mW/MHz	Pass
NVNT	802.11ac(VHT80)	5210.00	5290.0~5296.7	5290.760	-27.44	-24.25	0.001803mW/MHz	0.003760mW/MHz	Pass
NVNT	802.11ac(VHT80)	5210.00	5296.7~5480.0	5297.448	-28.21	-26.00	1.5115μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5210.00	30.0~5100.0	5093.763	-40.18	-26.00	0.0959μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5210.00	5480.0~10000.0	5819.579	-45.04	-26.00	0.0313μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5210.00	10000.0~26000.0	15656.000	-44.96	-26.00	0.0318μW/MHz	2.5μW/MHz	Pass

In_band_NVNT_ANT1_802_11a_5180



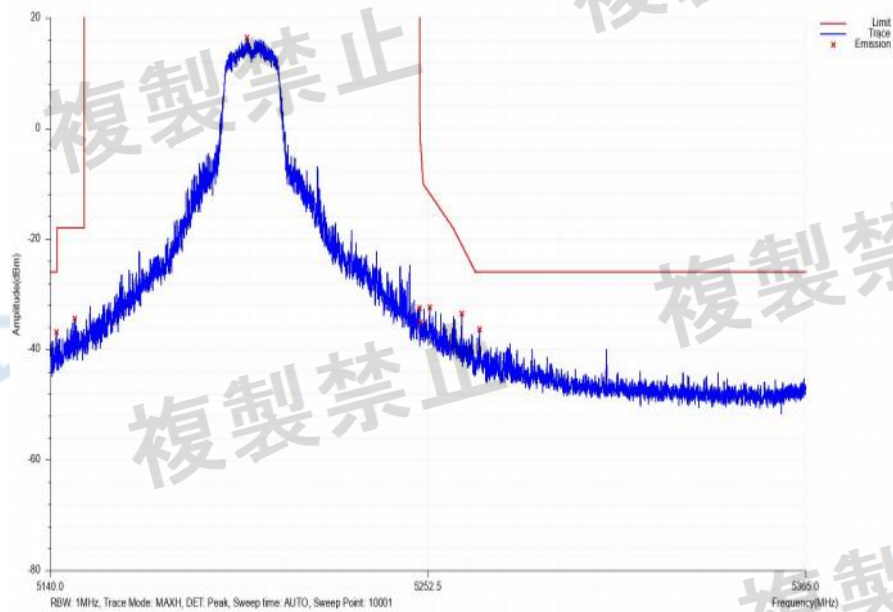
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In band Spurious Emission

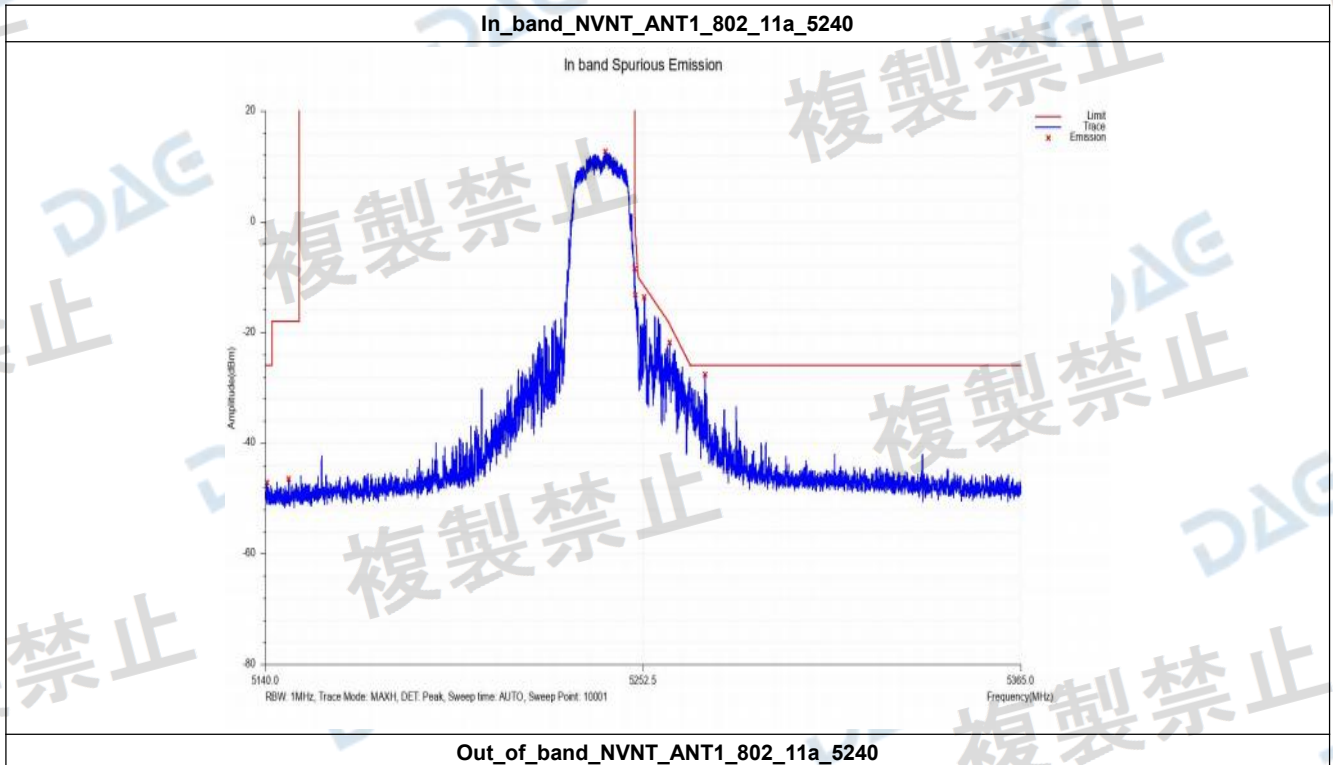
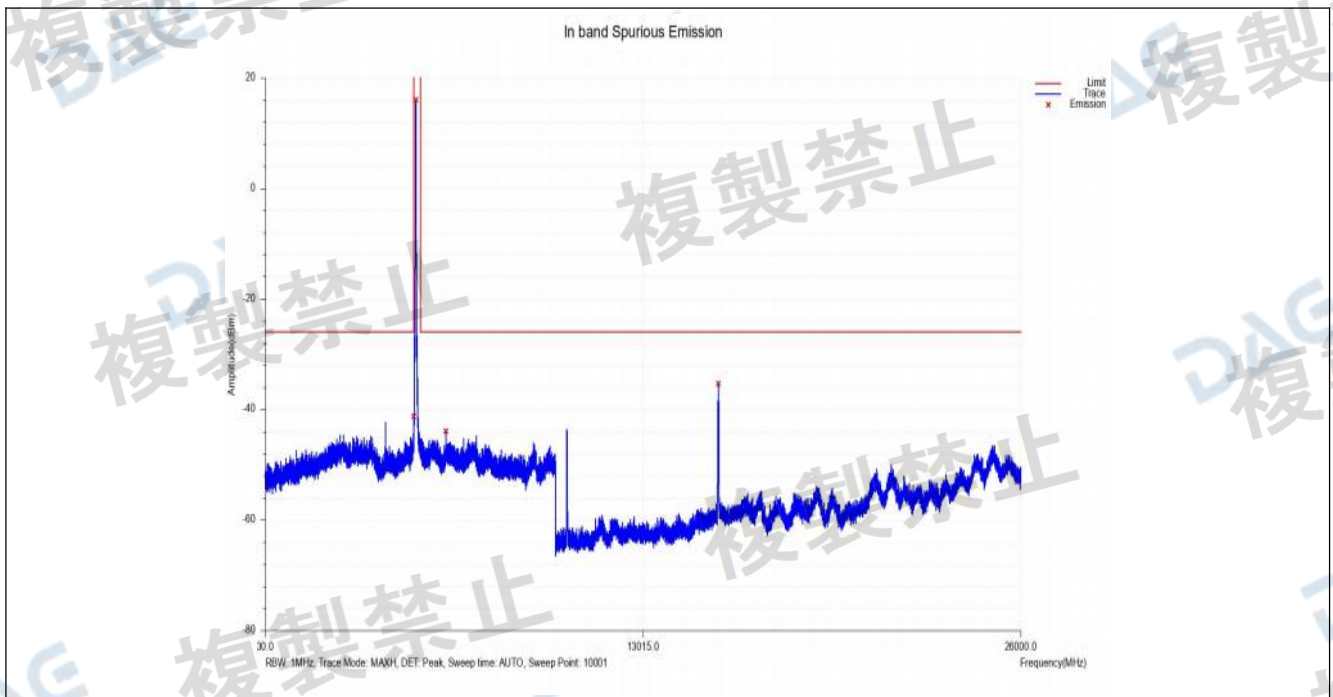


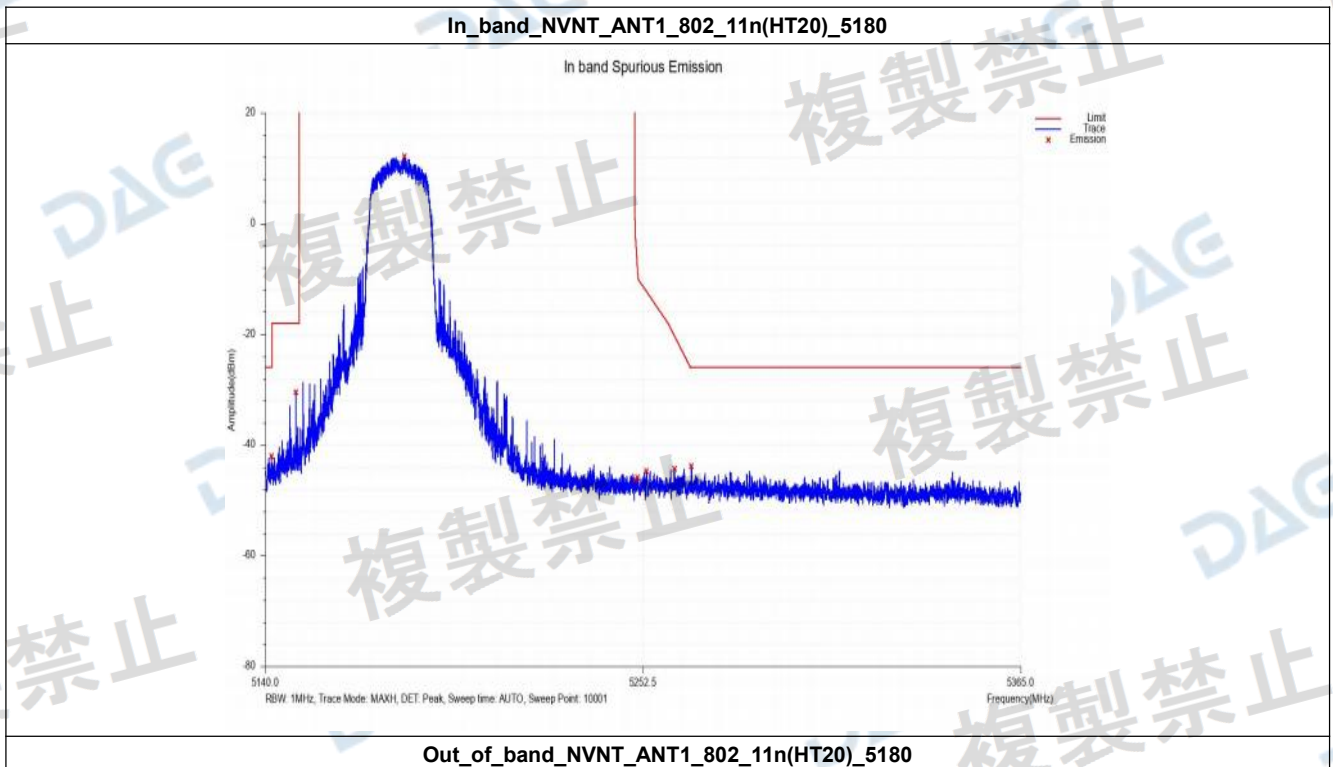
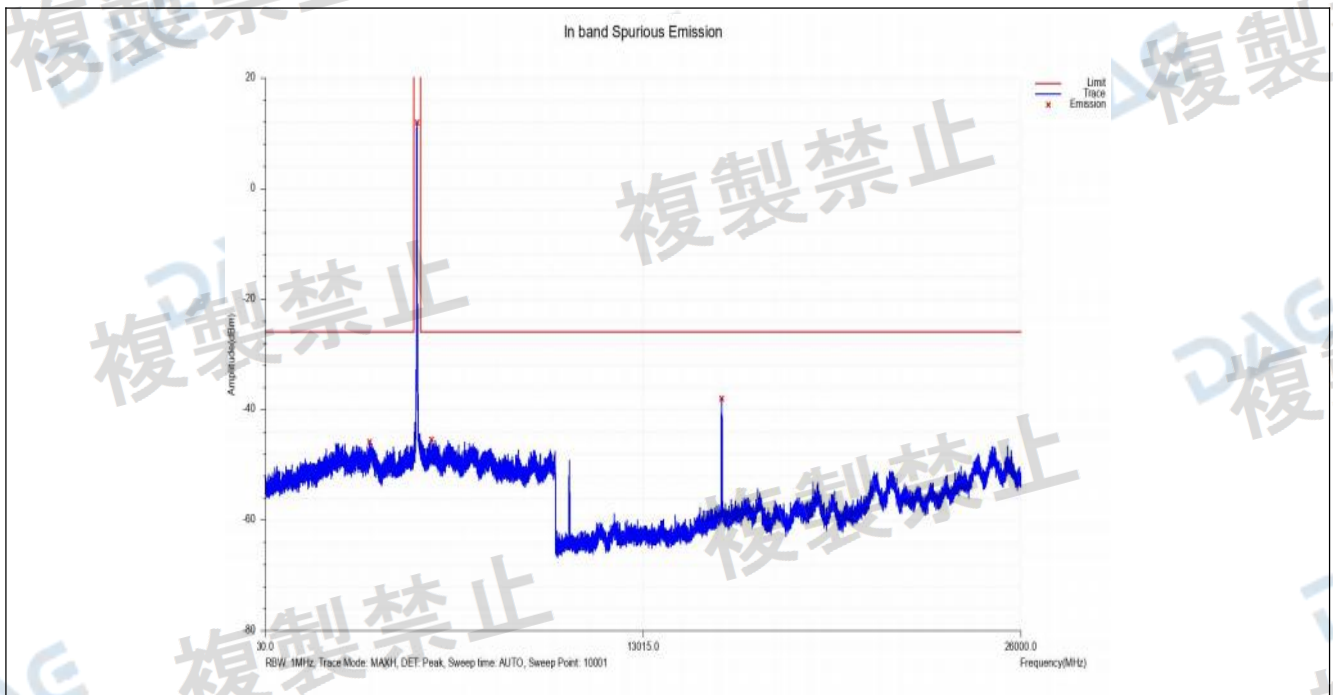
In_band_NVNT_ANT1_802_11a_5200

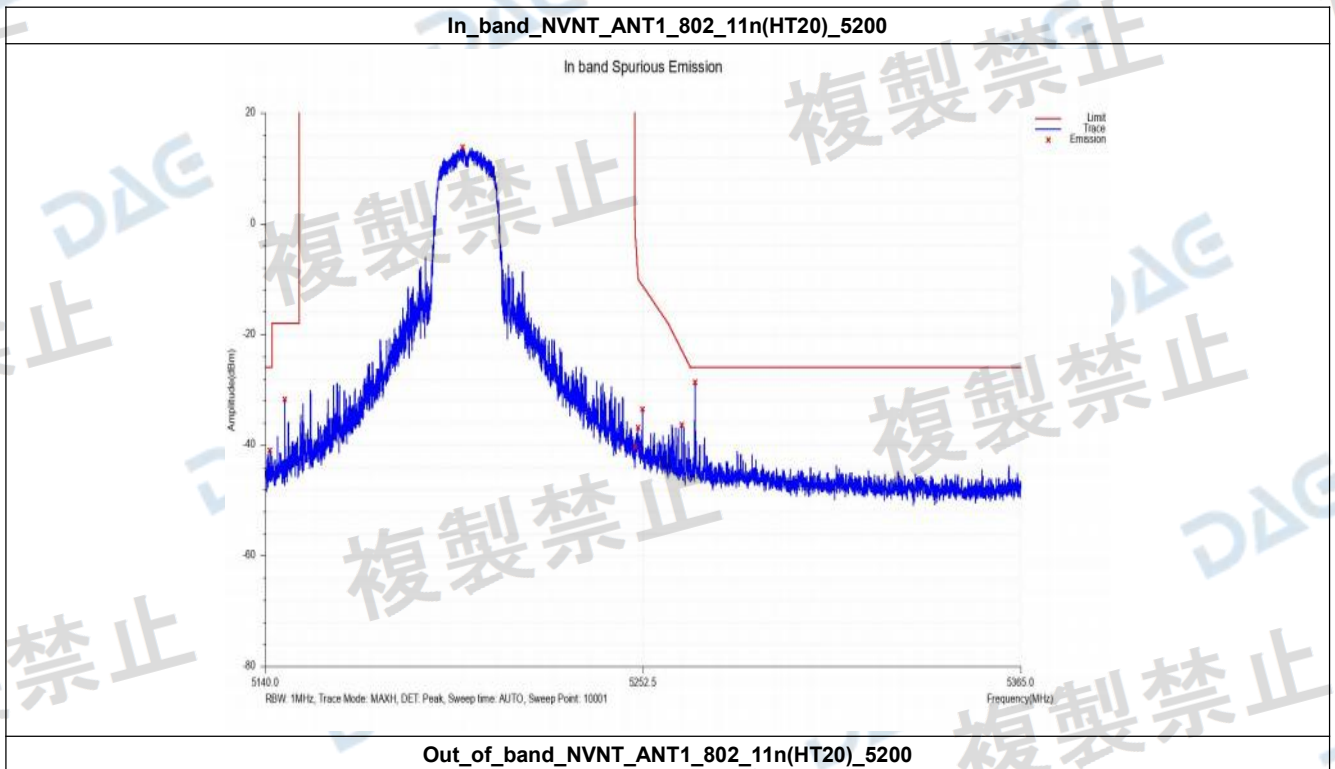
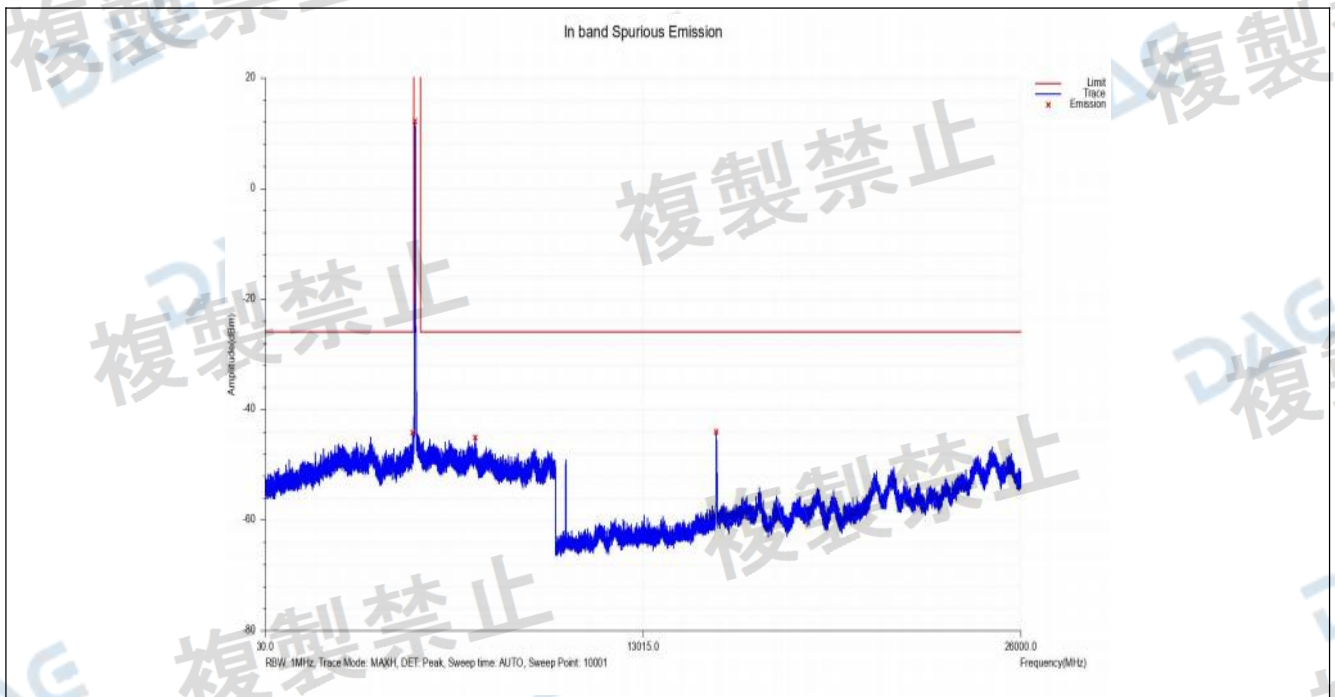
In band Spurious Emission

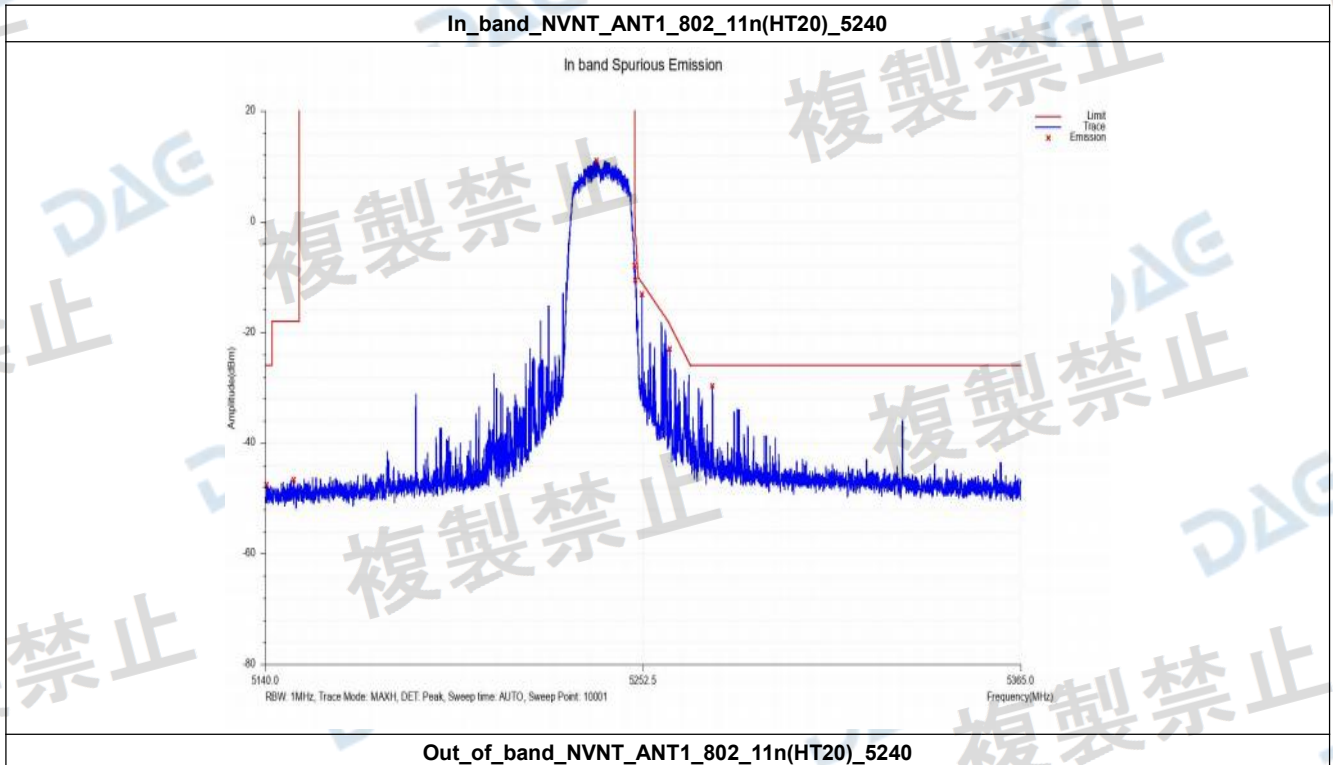
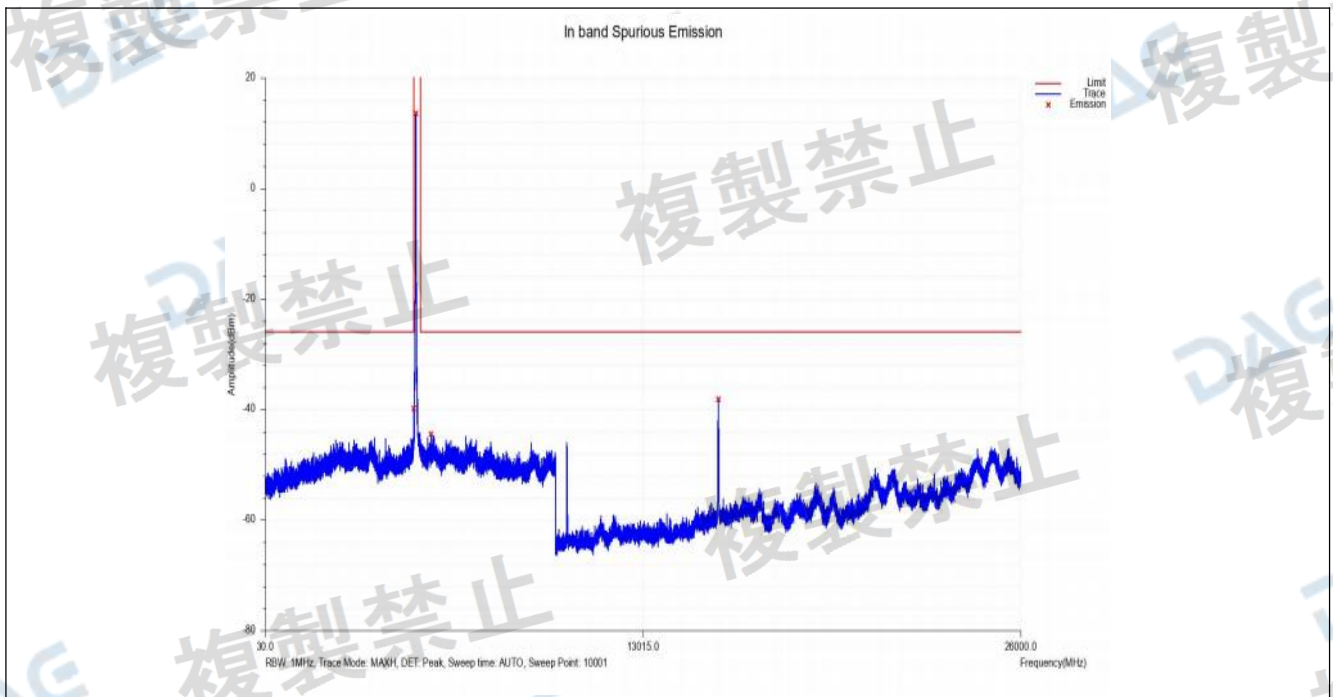


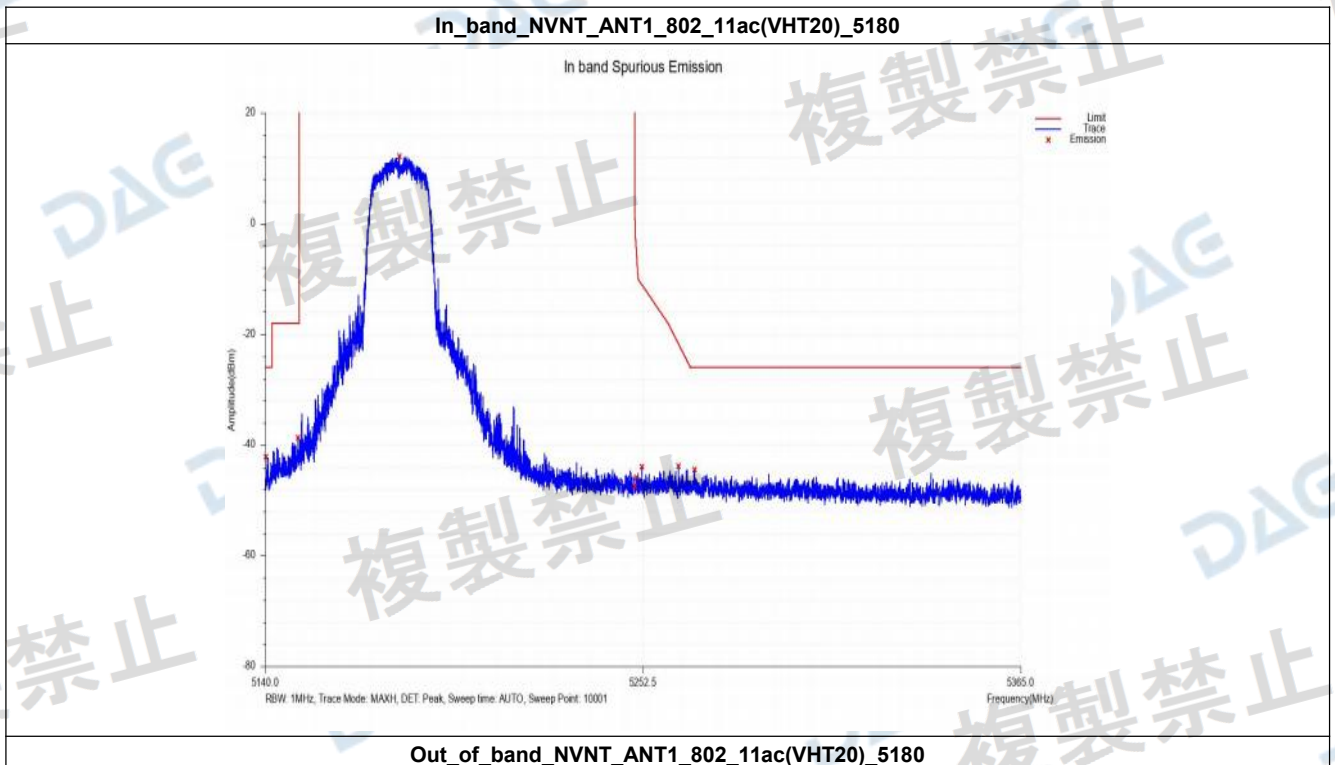
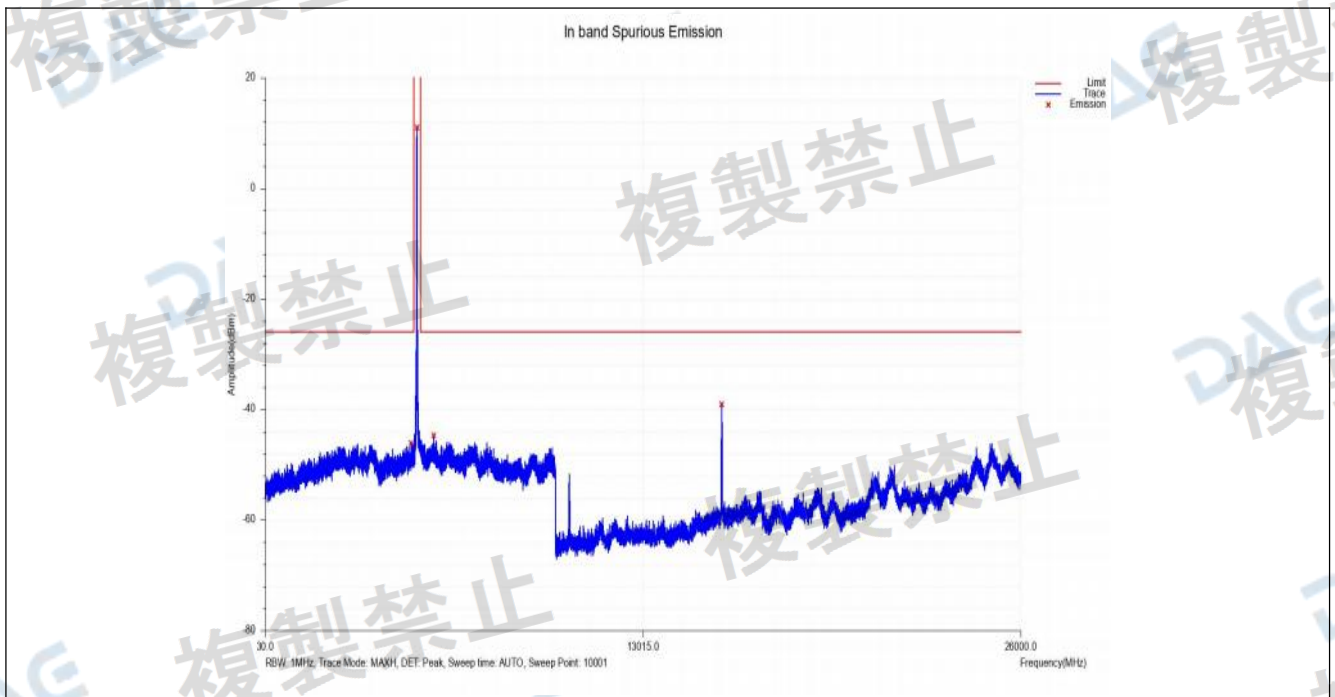
Out_of_band_NVNT_ANT1_802_11a_5200

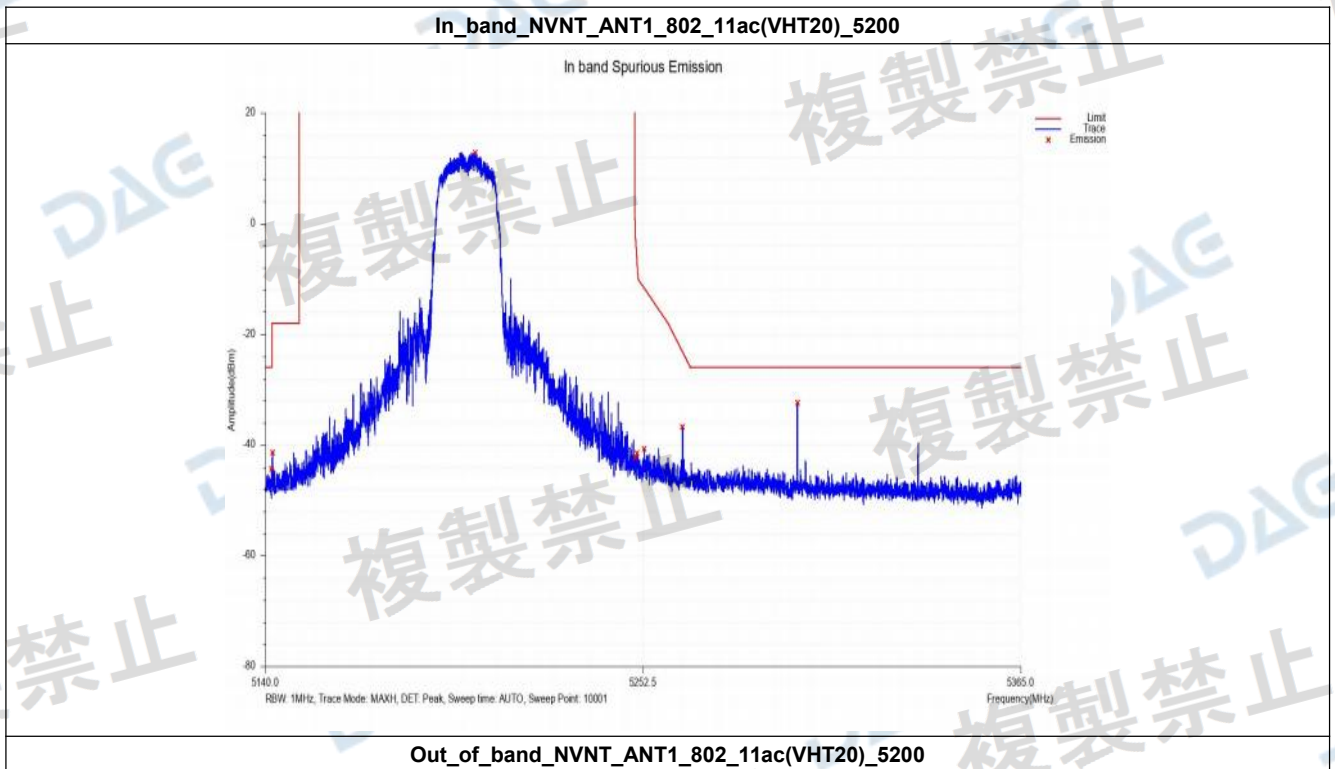
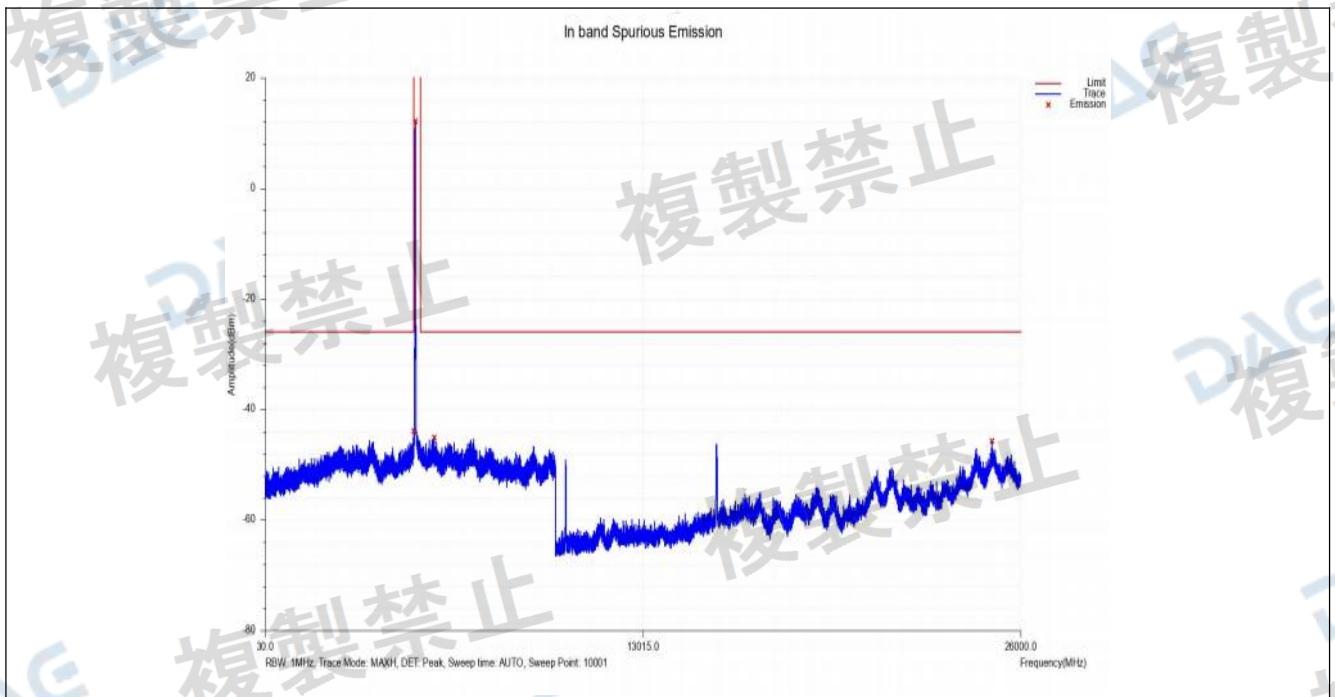


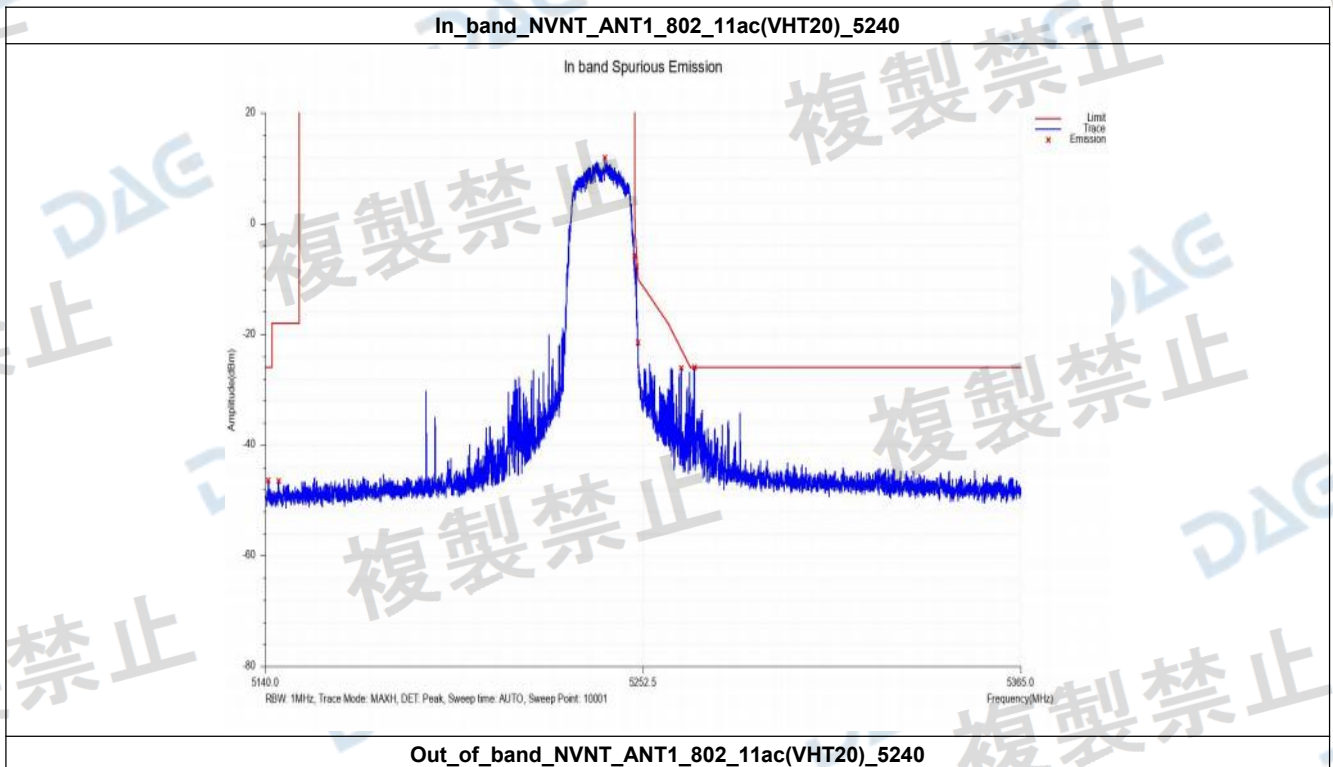
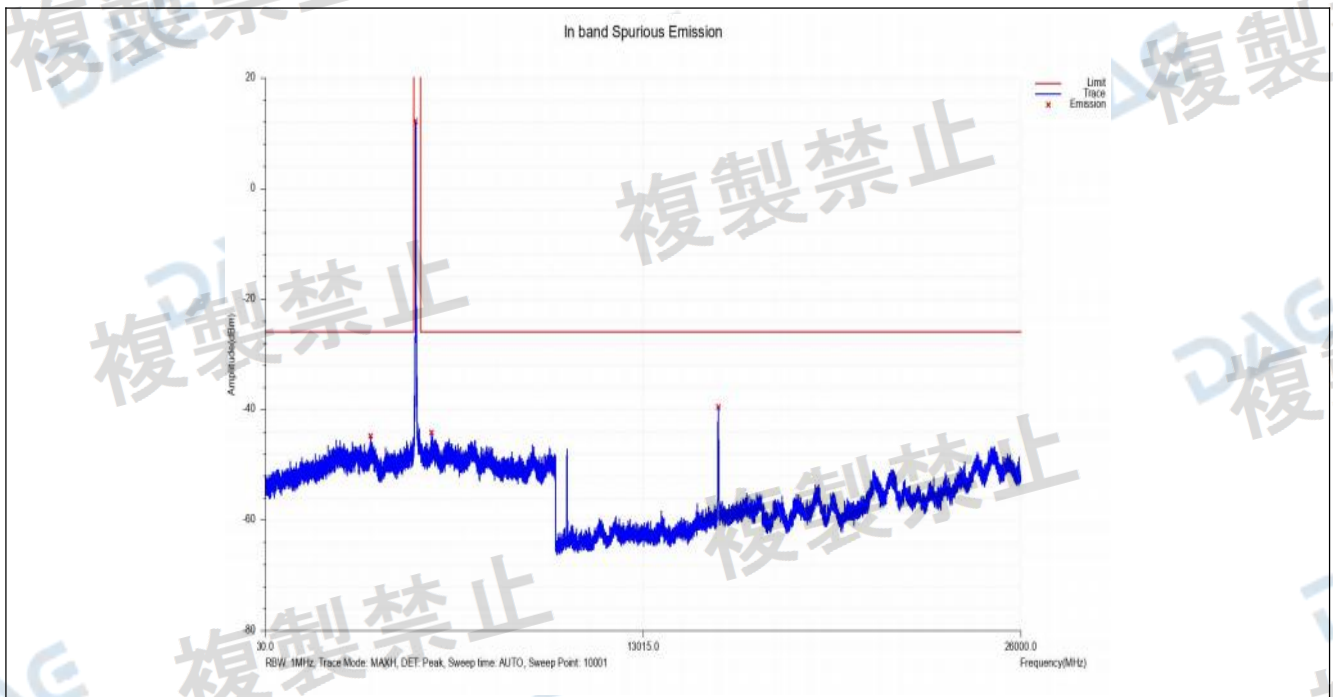


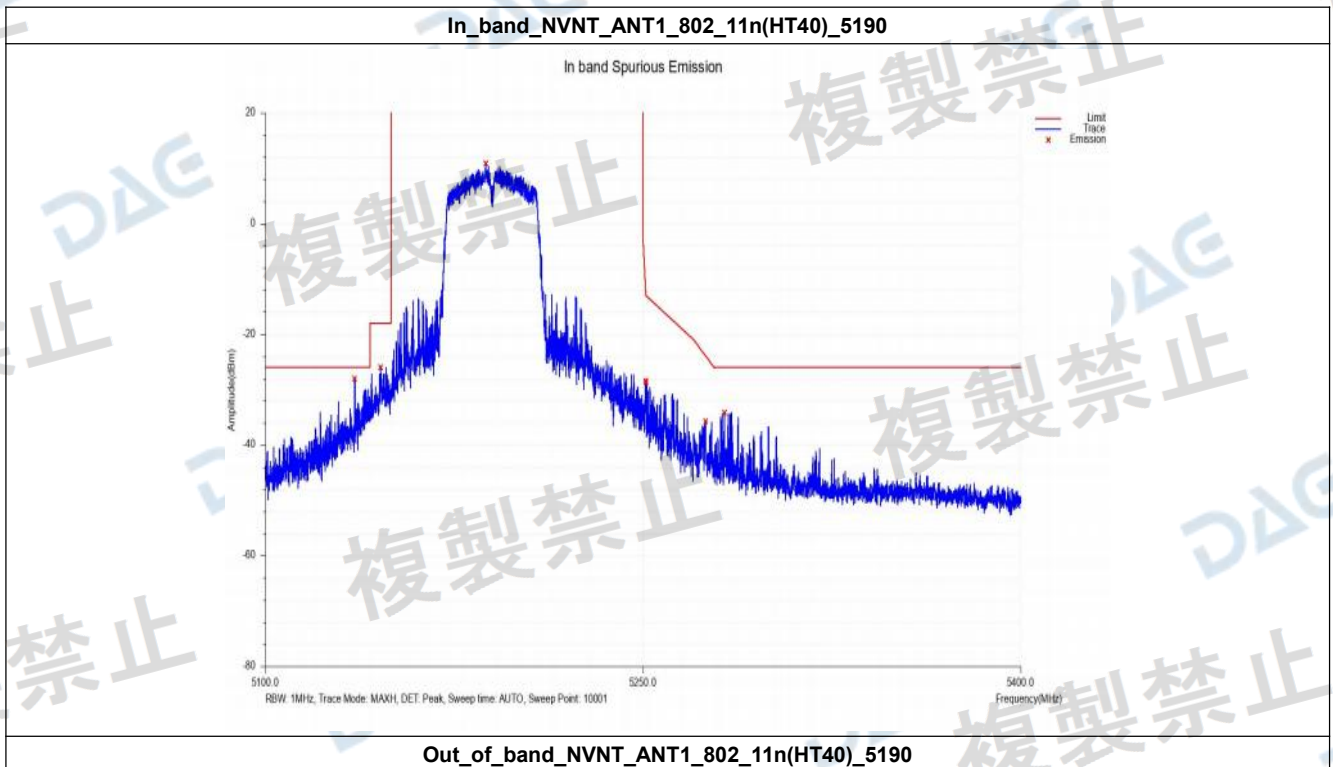
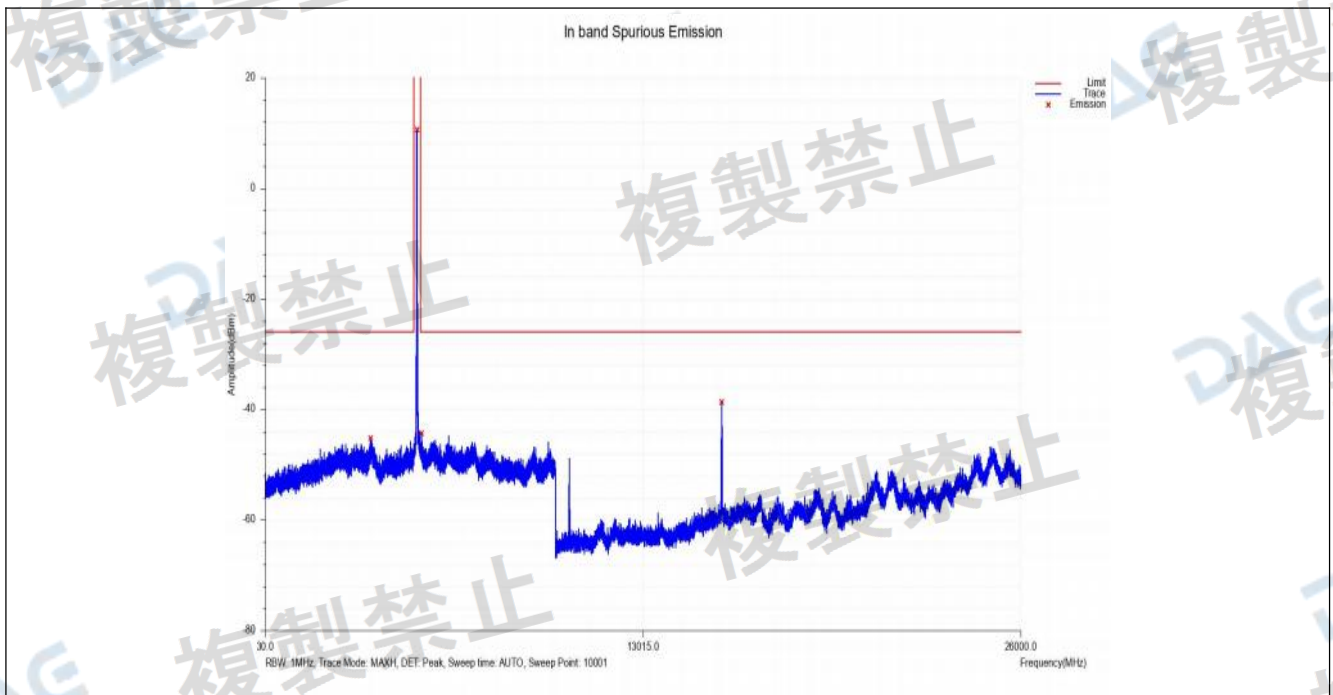


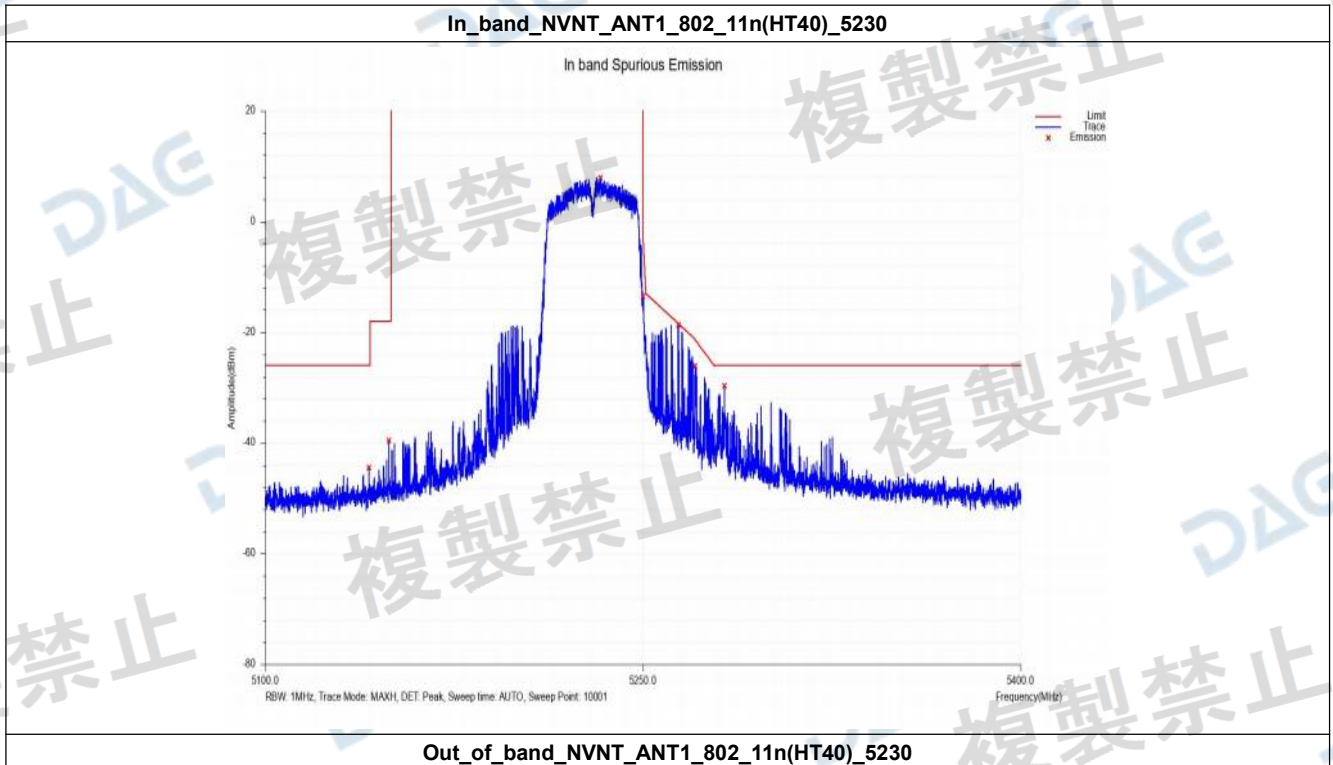
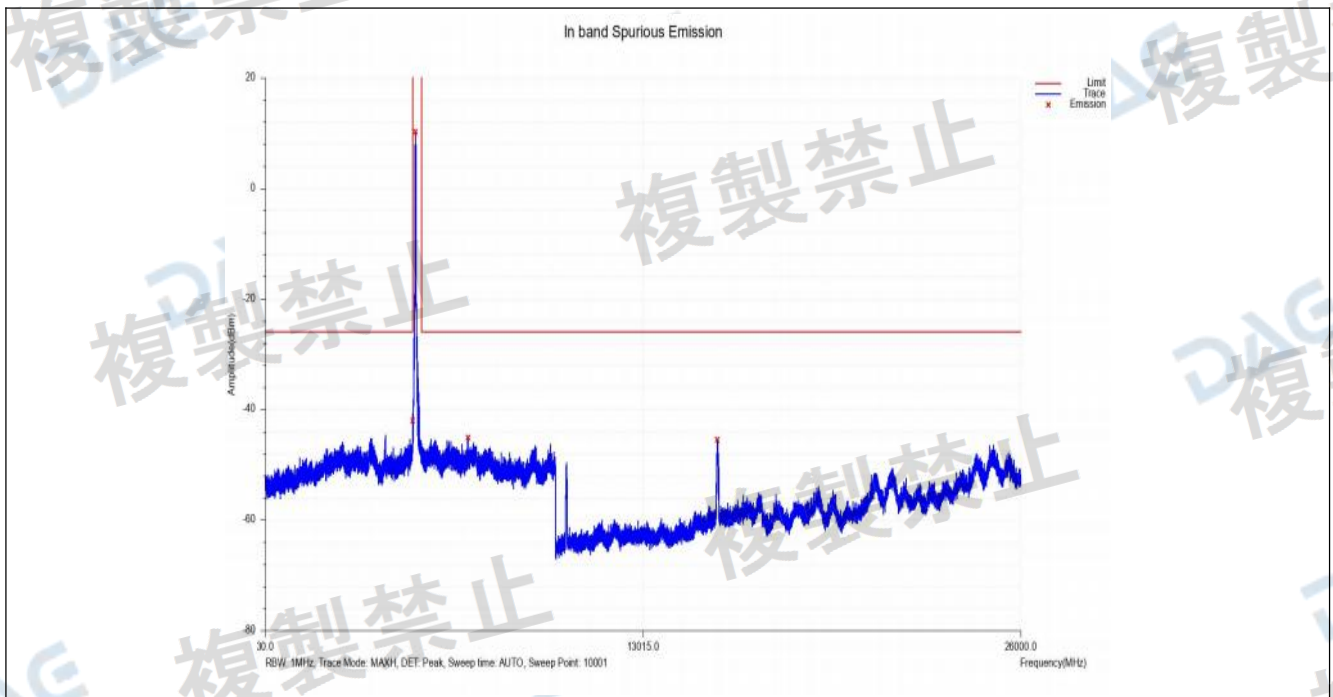


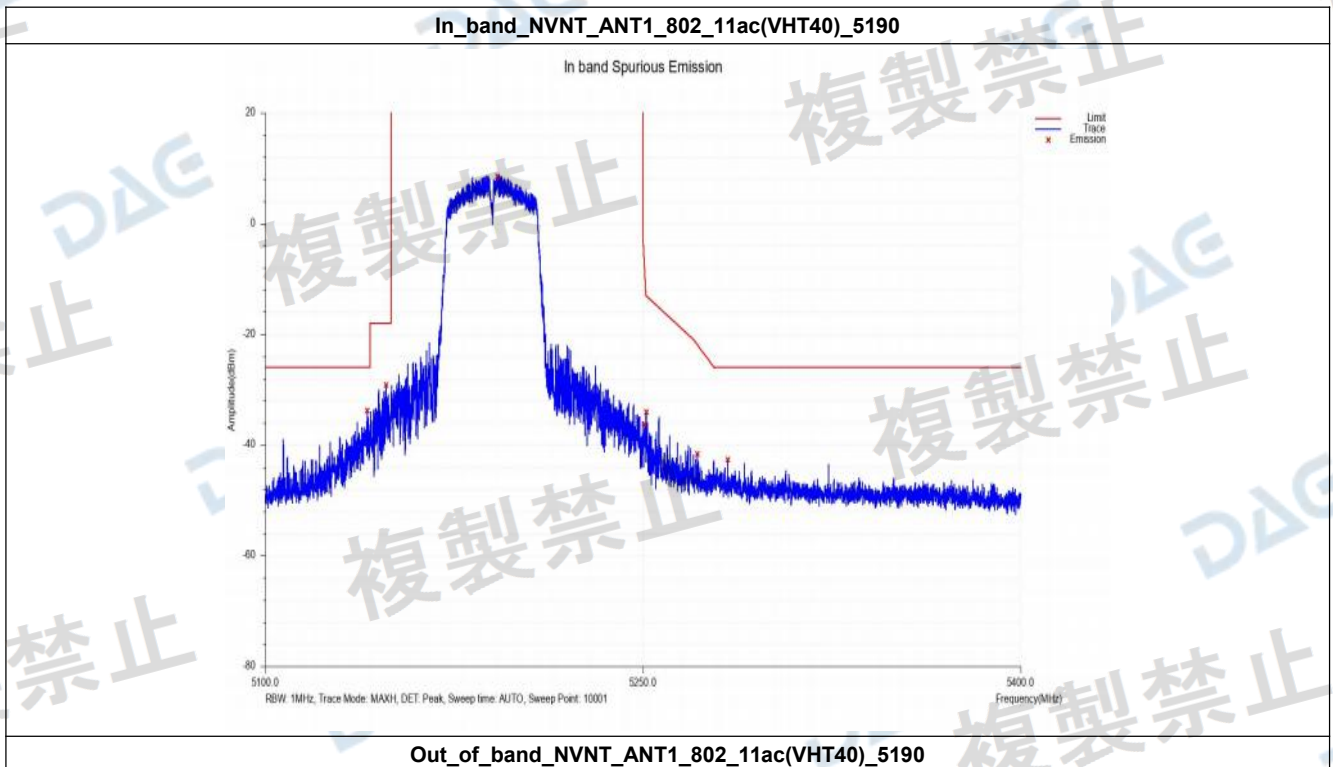
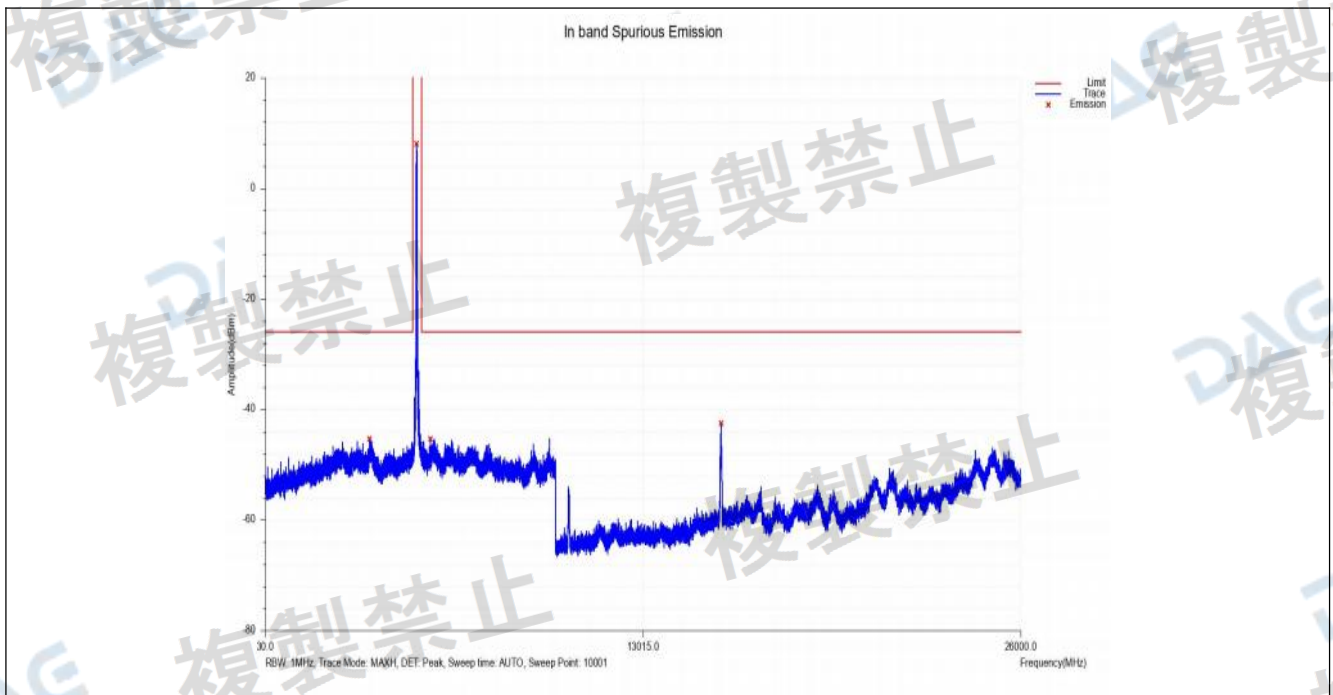


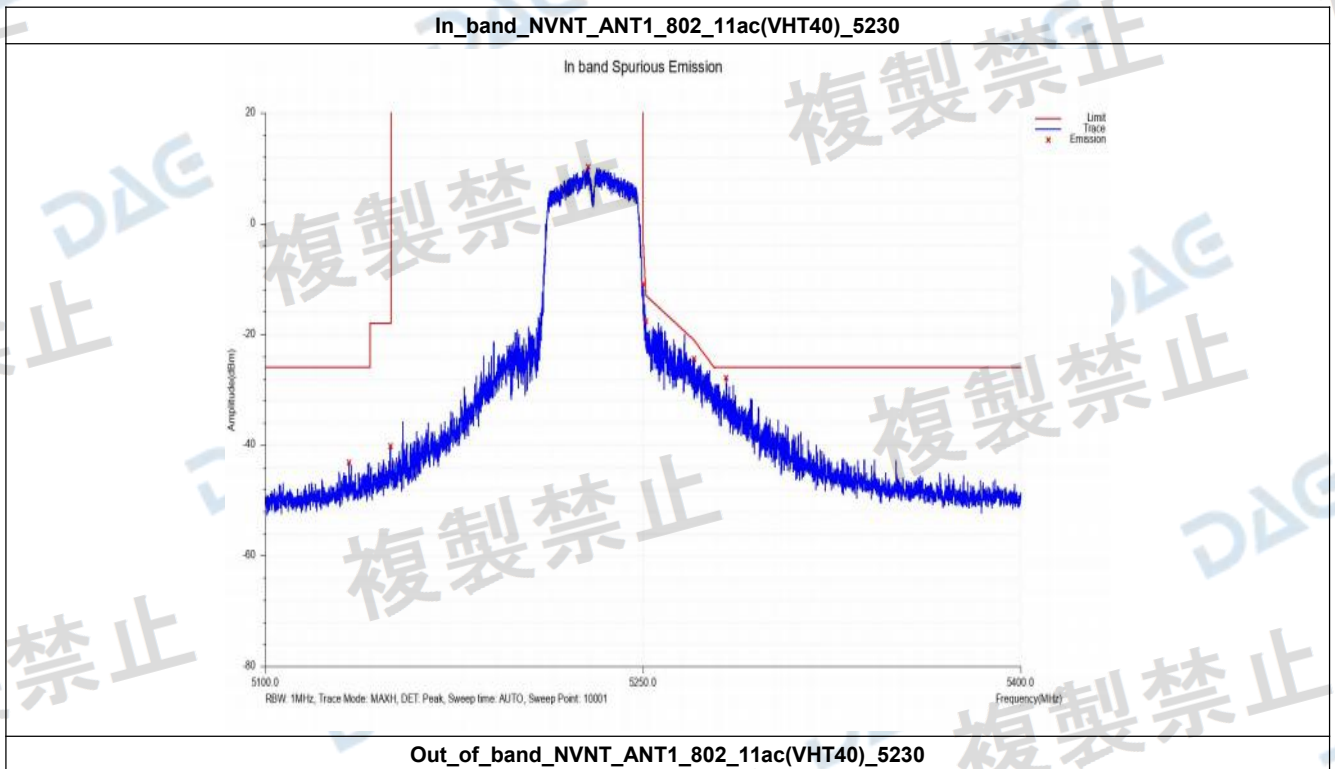
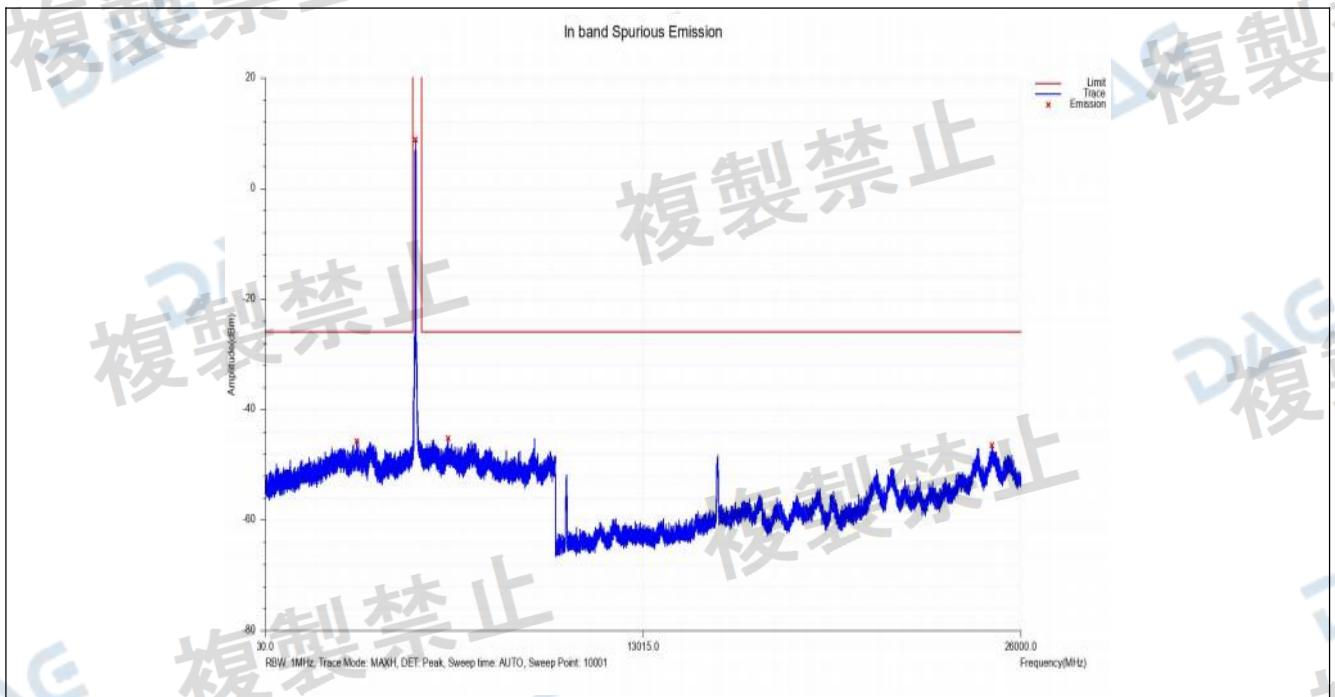


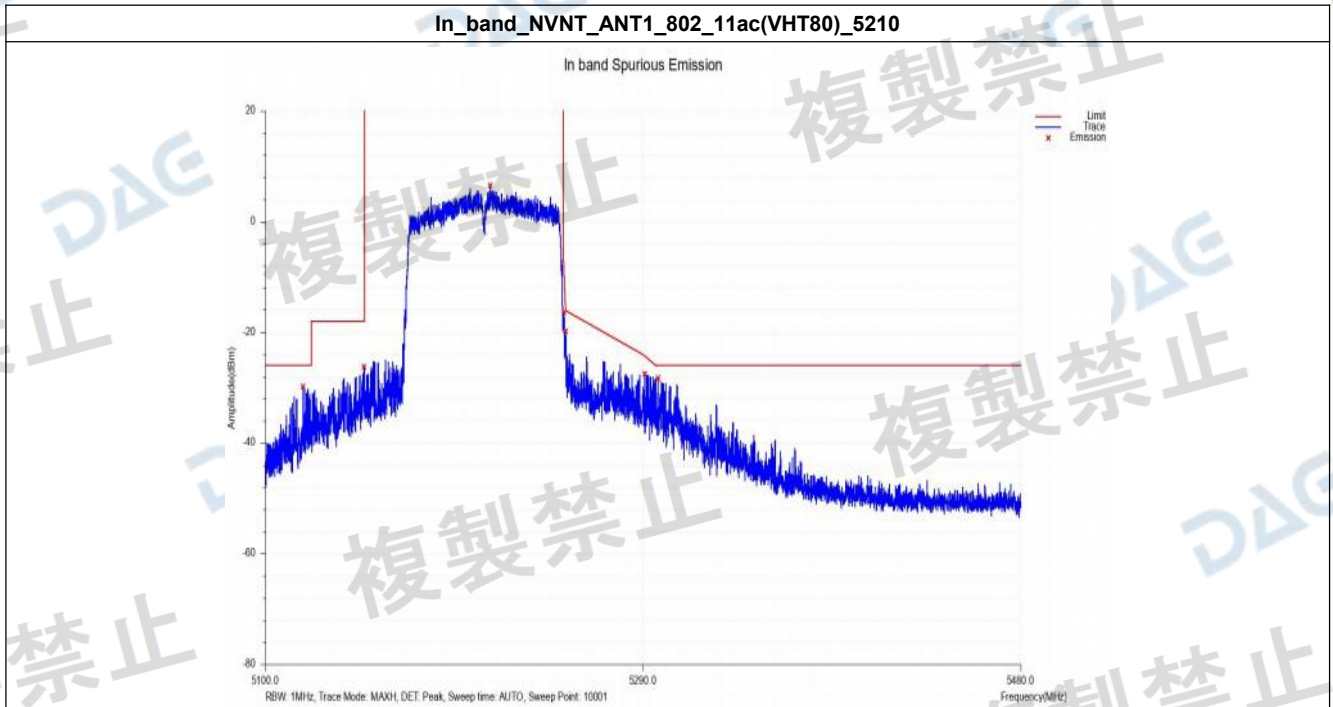
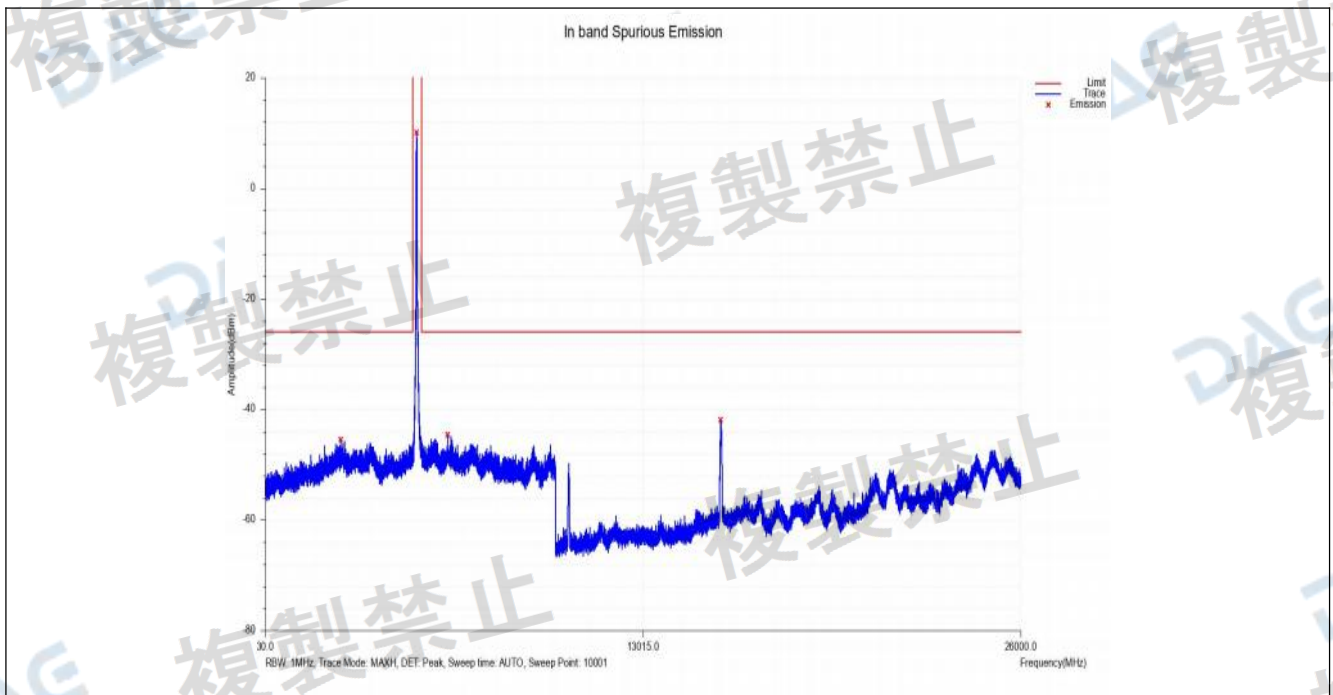




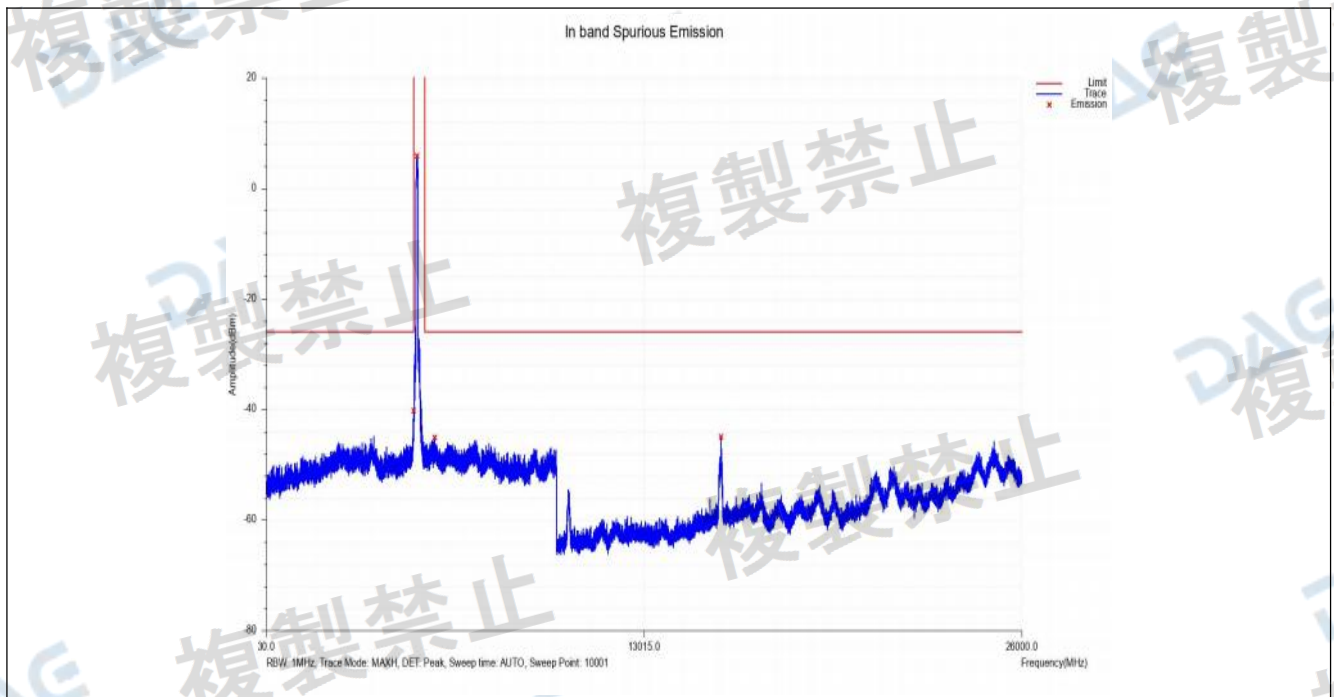








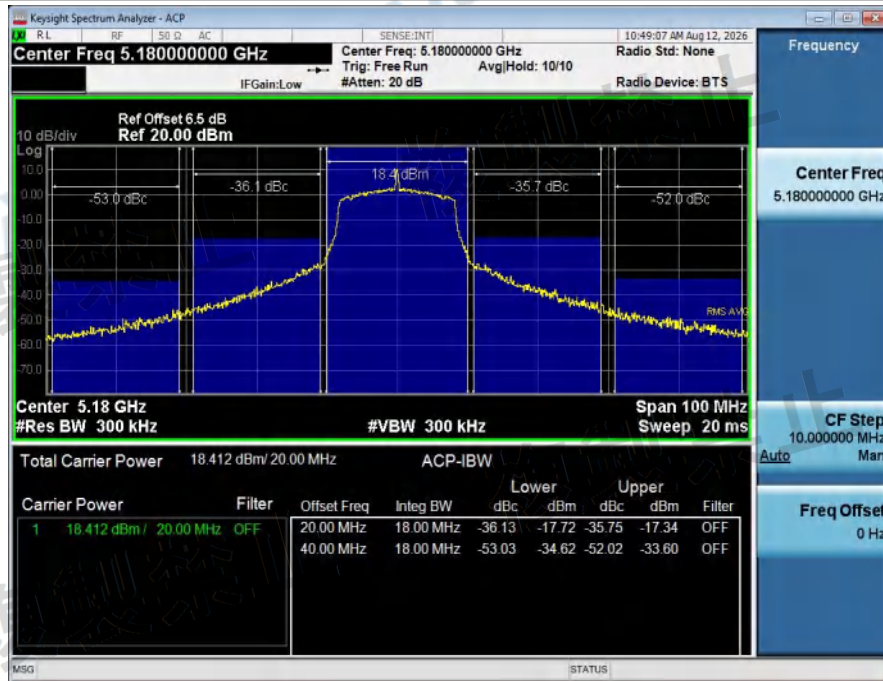
Out_of_band_NVNT_ANT1_802_11ac(VHT80)_5210



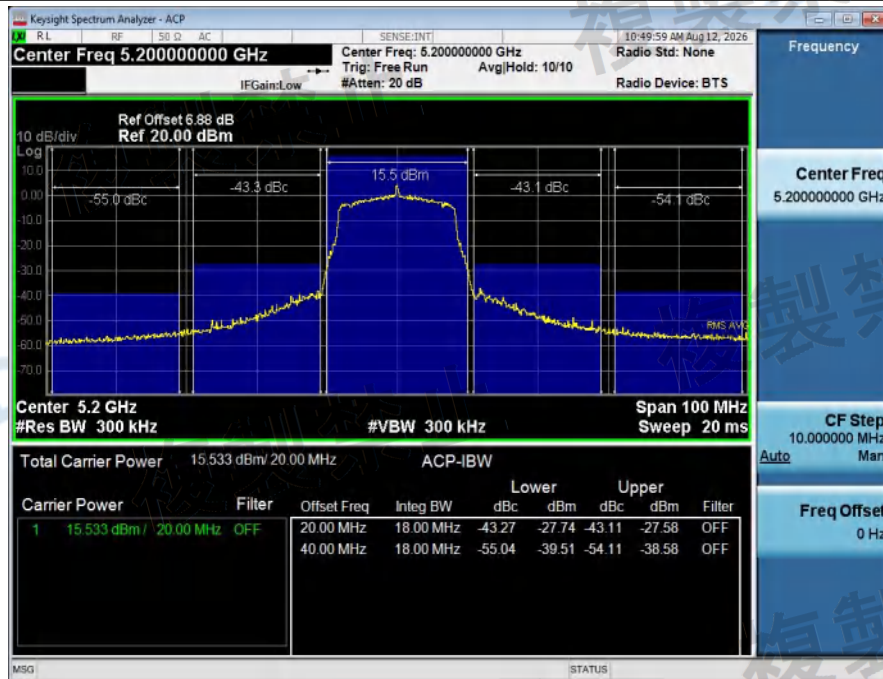
6. ACP Measure

Condition	Antenna	Mode	Frequency(MHz)	Frequency Offset(MHz)	Lower Level(dBc)	Upper Level(dBc)	Limit(dBc)	Result
NVNT	ANT1	802.11a	5180.00	20MHz	-36.13	-35.75	-25	Pass
NVNT	ANT1	802.11a	5180.00	40MHz	-53.03	-52.02	-40	Pass
NVNT	ANT1	802.11a	5200.00	20MHz	-43.27	-43.11	-25	Pass
NVNT	ANT1	802.11a	5200.00	40MHz	-55.04	-54.11	-40	Pass
NVNT	ANT1	802.11a	5240.00	20MHz	-45.41	-44.89	-25	Pass
NVNT	ANT1	802.11a	5240.00	40MHz	-56.32	-55.10	-40	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	20MHz	-43.21	-42.65	-25	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	40MHz	-55.03	-54.40	-40	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	20MHz	-42.73	-42.91	-25	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	40MHz	-54.99	-54.00	-40	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	20MHz	-42.25	-41.63	-25	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	40MHz	-55.68	-54.26	-40	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	20MHz	-40.94	-40.71	-25	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	40MHz	-55.86	-55.06	-40	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	20MHz	-40.36	-40.46	-25	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	40MHz	-55.36	-54.39	-40	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	20MHz	-40.76	-39.98	-25	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	40MHz	-55.78	-54.53	-40	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	40MHz	-22.97	-23.17	-25	Fail
NVNT	ANT1	802.11n(HT40)	5190.00	80MHz	-47.14	-44.37	-40	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	40MHz	-31.27	-30.32	-25	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	80MHz	-49.09	-45.70	-40	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	40MHz	-39.33	-38.00	-25	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	80MHz	-54.20	-51.51	-40	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	40MHz	-34.54	-34.09	-25	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	80MHz	-51.47	-48.31	-40	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	80MHz	-39.20	-37.64	-25	Pass

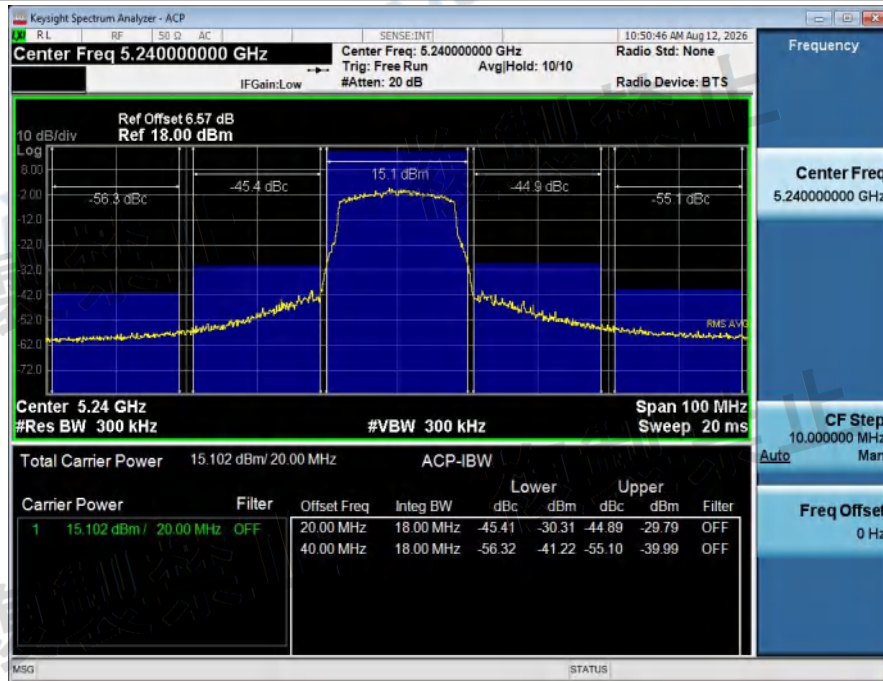
ACP_Measure_NVNT_ANT1_802_11a_5180



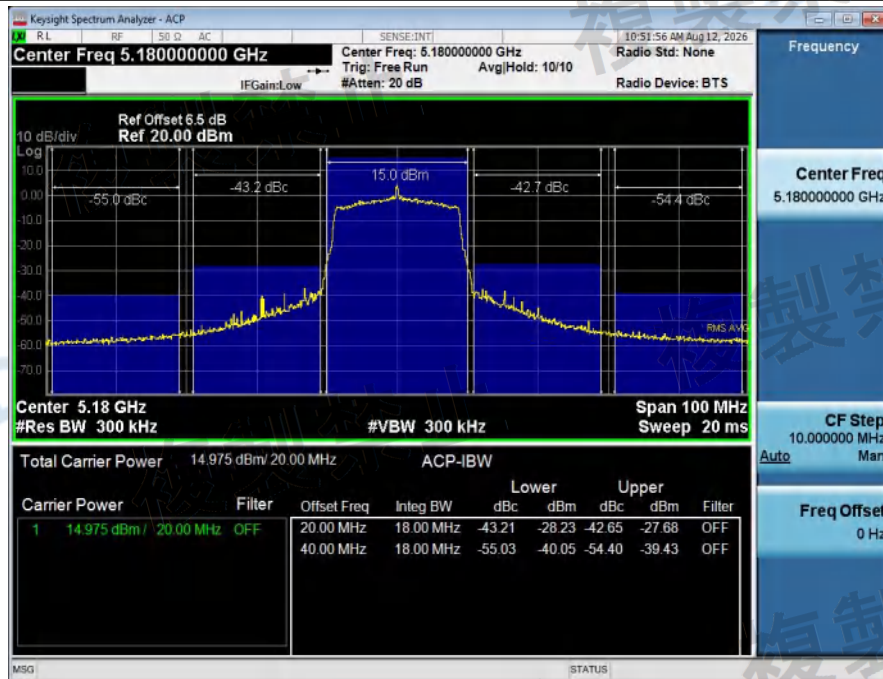
ACP_Measure_NVNT_ANT1_802_11a_5200



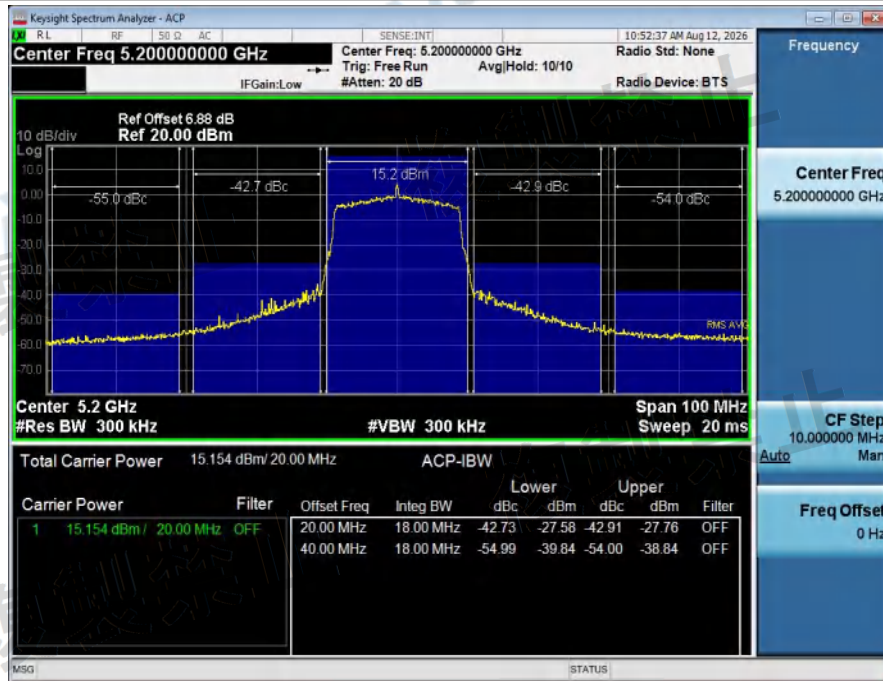
ACP_Measure_NVNT_ANT1_802_11a_5240



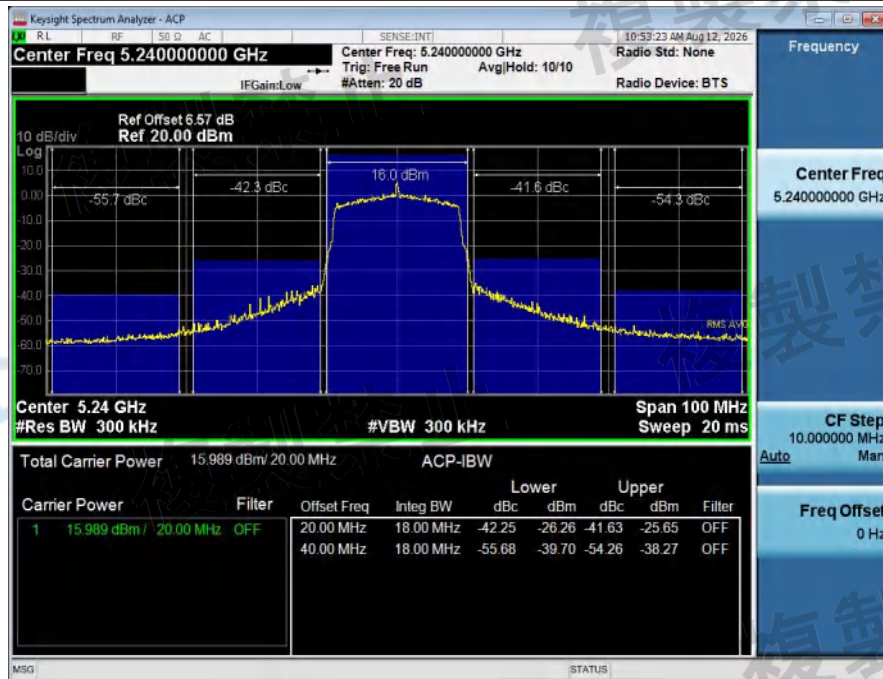
ACP_Measure_NVNT_ANT1_802_11n(HT20)_5180



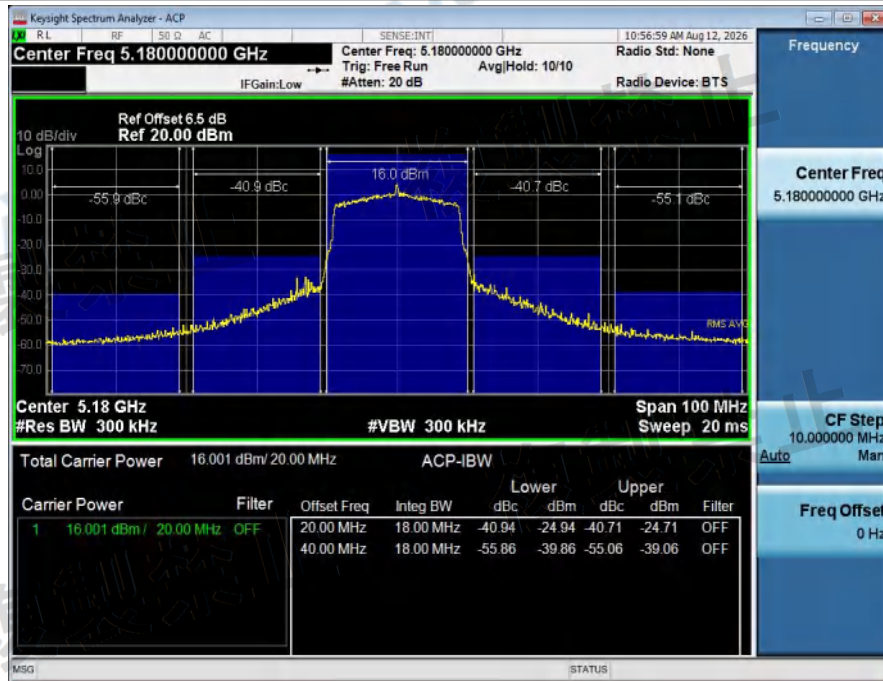
ACP_Measure_NVNT_ANT1_802_11n(HT20)_5200



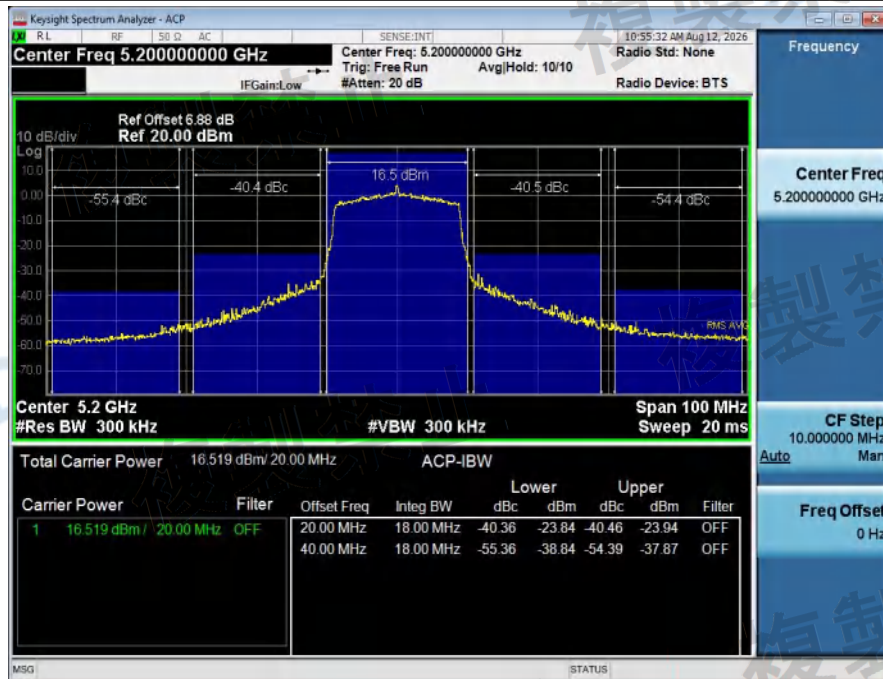
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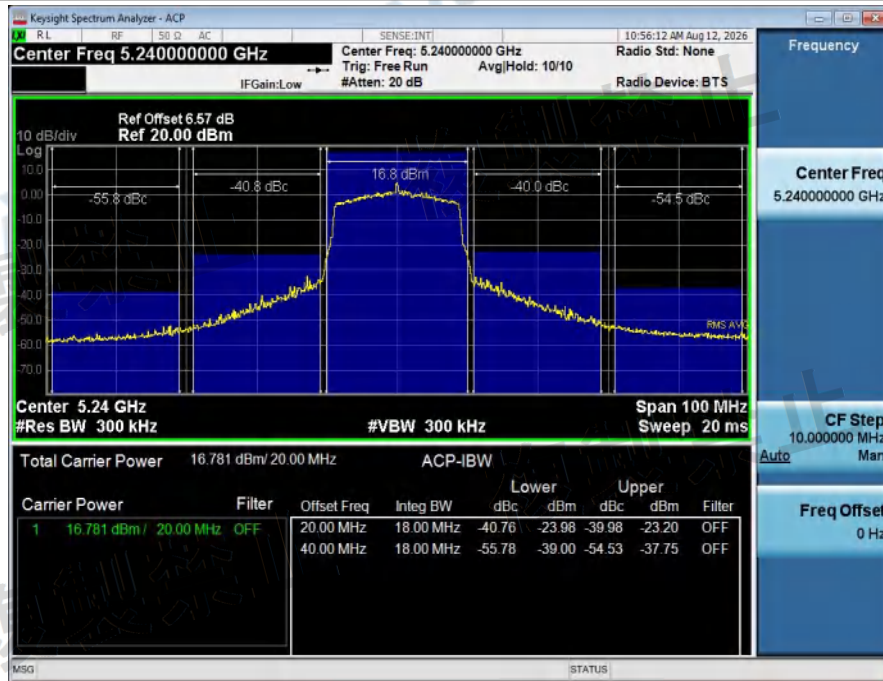
ACP_Measure_NVNT_ANT1_802_11ac(VHT20)_5180



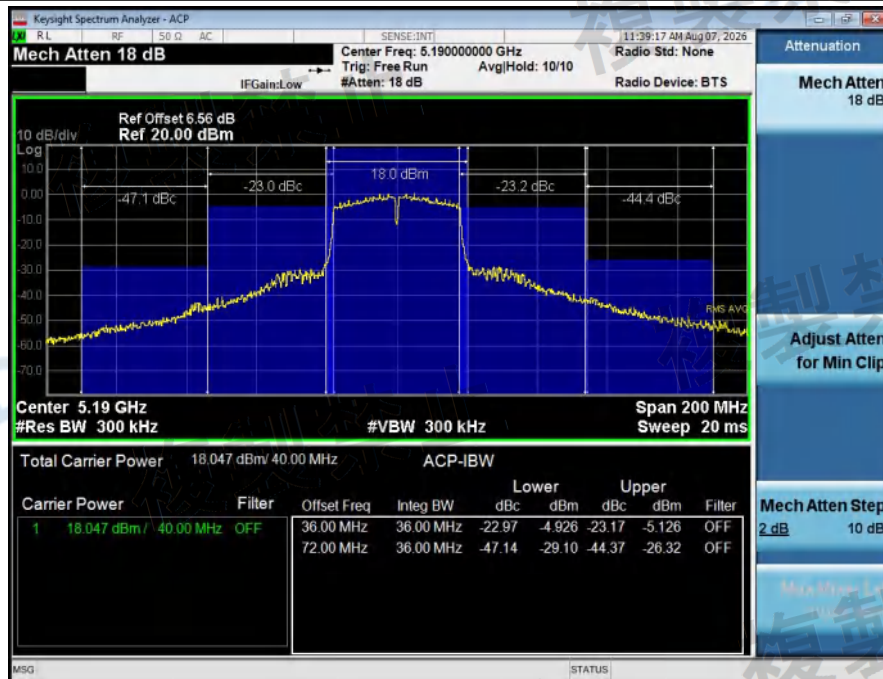
ACP_Measure_NVNT_ANT1_802_11ac(VHT20)_5200



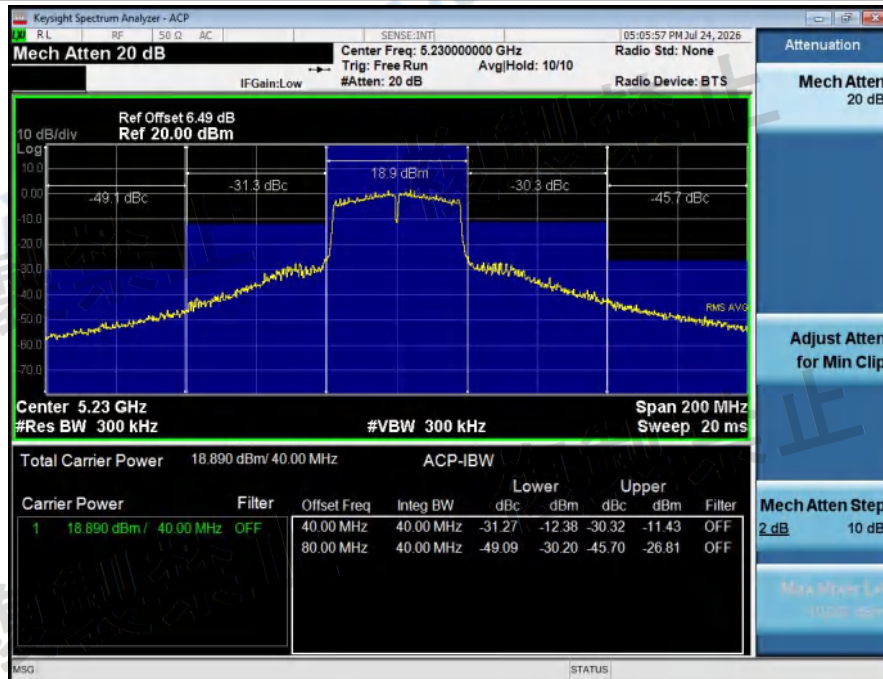
ACP_Measure_NVNT_ANT1_802_11ac(VHT20)_5240



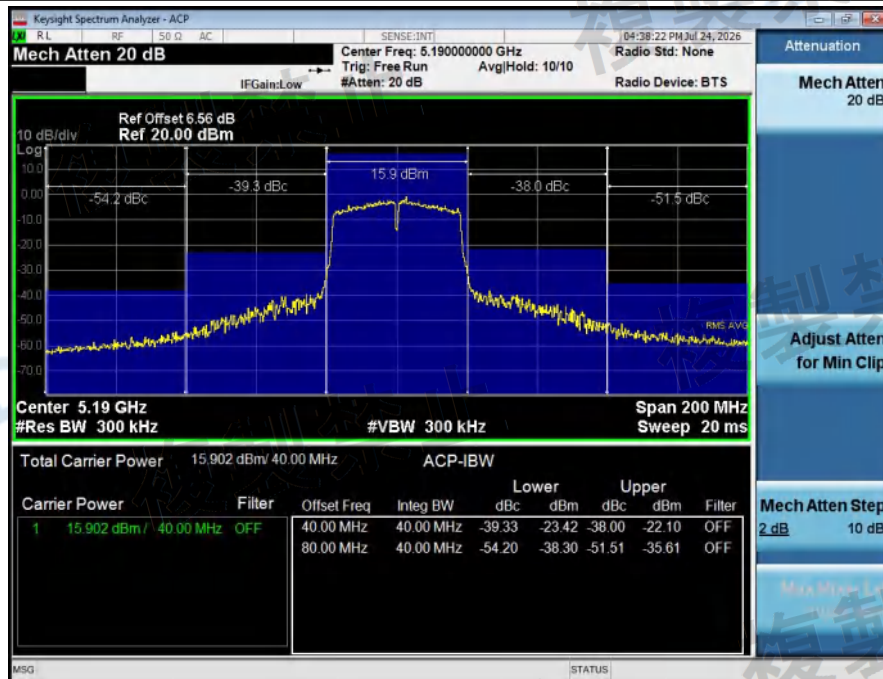
ACP_Measure_NVNT_ANT1_802_11n(HT40)_5190



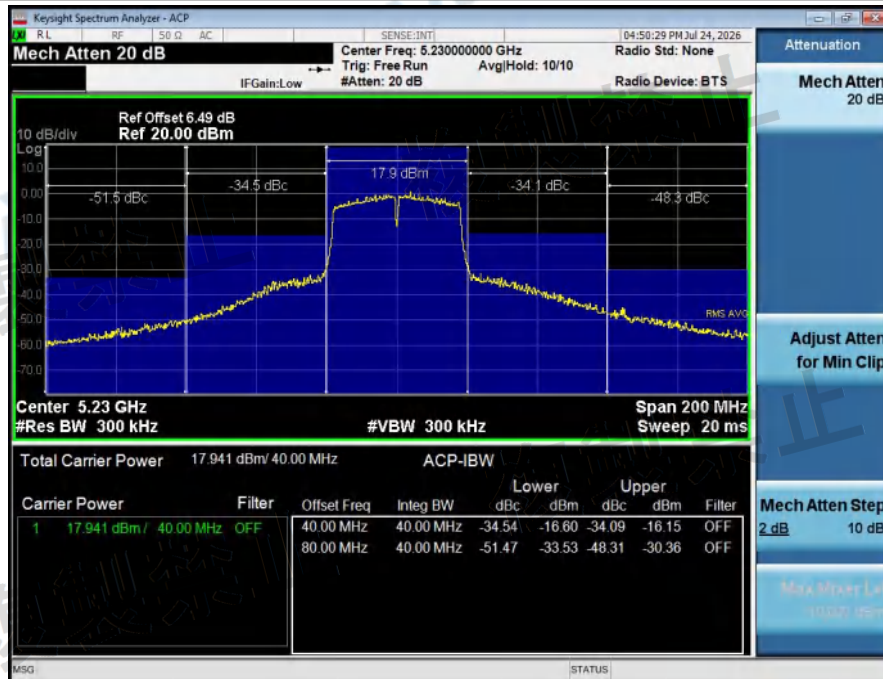
ACP_Measure_NVNT_ANT1_802_11n(HT40)_5230



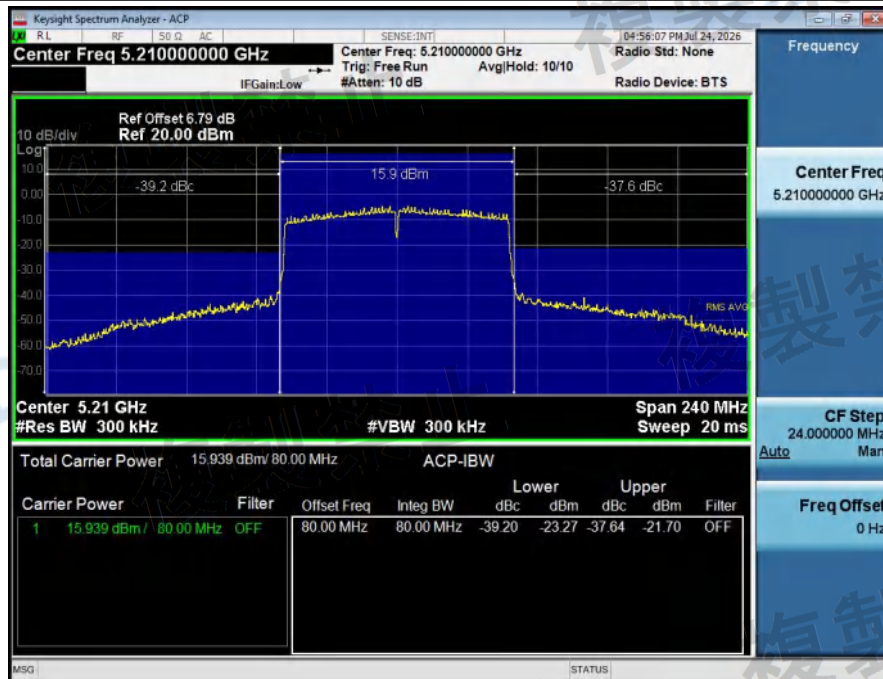
ACP_Measure_NVNT_ANT1_802_11ac(VHT40)_5190



ACP_Measure_NVNT_ANT1_802_11ac(VHT40)_5230



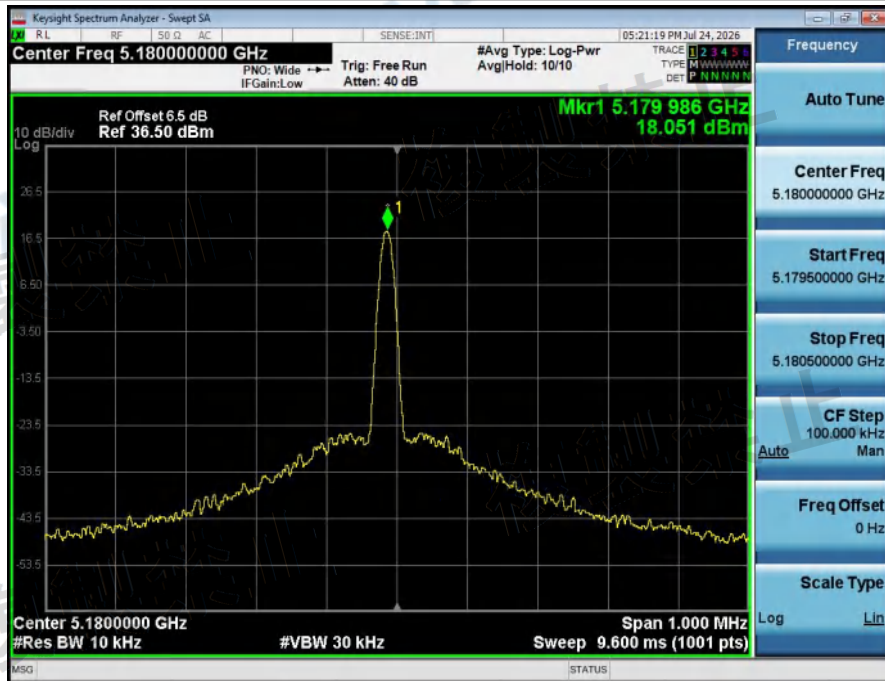
ACP_Measure_NVNT_ANT1_802_11ac(VHT80)_5210



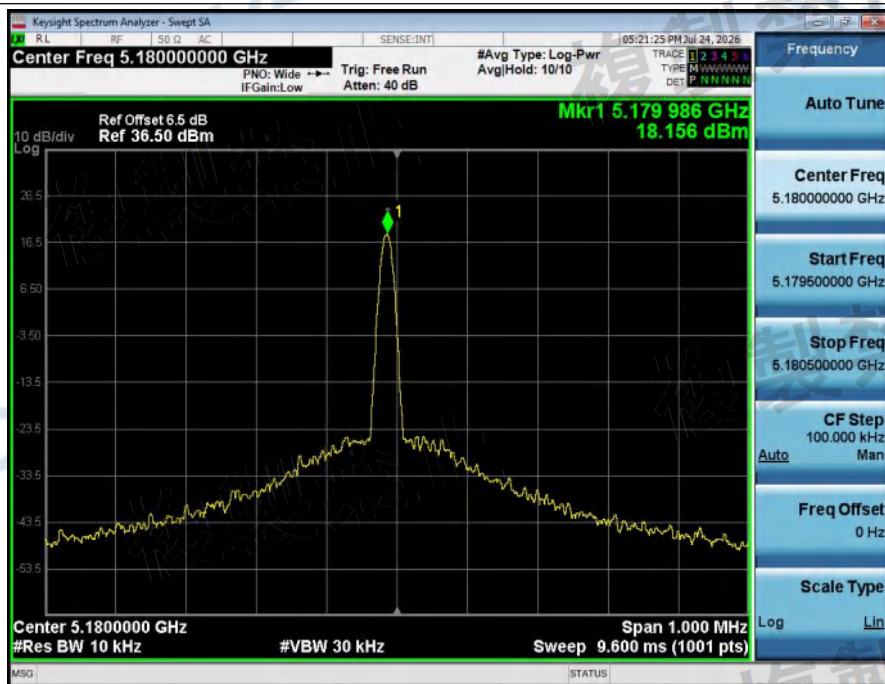
7. Frequency Tolerance

Condition	Antenna	Modulation	Frequency (MHz)	Test Frequency(MHz)	Frequency Tolerance(ppm)	Limit(ppm)	Result
NTNV	ANT1	802.11a	5180.00	5179.986	-2.703	±20	Pass
NTLV	ANT1	802.11a	5180.00	5179.986	-2.703	±20	Pass
NTHV	ANT1	802.11a	5180.00	5179.986	-2.703	±20	Pass
NTNV	ANT1	802.11a	5200.00	5199.985	-2.885	±20	Pass
NTLV	ANT1	802.11a	5200.00	5199.985	-2.885	±20	Pass
NTHV	ANT1	802.11a	5200.00	5199.985	-2.885	±20	Pass
NTNV	ANT1	802.11a	5240.00	5239.986	-2.672	±20	Pass
NTLV	ANT1	802.11a	5240.00	5239.986	-2.672	±20	Pass
NTHV	ANT1	802.11a	5240.00	5239.986	-2.672	±20	Pass
NTNV	ANT1	802.11n(HT20)	5180.00	5179.986	-2.703	±20	Pass
NTLV	ANT1	802.11n(HT20)	5180.00	5179.986	-2.703	±20	Pass
NTHV	ANT1	802.11n(HT20)	5180.00	5179.986	-2.703	±20	Pass
NTNV	ANT1	802.11n(HT20)	5200.00	5199.985	-2.885	±20	Pass
NTLV	ANT1	802.11n(HT20)	5200.00	5199.985	-2.885	±20	Pass
NTHV	ANT1	802.11n(HT20)	5200.00	5199.985	-2.885	±20	Pass
NTNV	ANT1	802.11n(HT20)	5240.00	5239.986	-2.672	±20	Pass
NTLV	ANT1	802.11n(HT20)	5240.00	5239.986	-2.672	±20	Pass
NTHV	ANT1	802.11n(HT20)	5240.00	5239.986	-2.672	±20	Pass
NTNV	ANT1	802.11ac(VHT20)	5180.00	5179.985	-2.896	±20	Pass
NTLV	ANT1	802.11ac(VHT20)	5180.00	5179.985	-2.896	±20	Pass
NTHV	ANT1	802.11ac(VHT20)	5180.00	5179.985	-2.896	±20	Pass
NTNV	ANT1	802.11ac(VHT20)	5200.00	5199.985	-2.885	±20	Pass
NTLV	ANT1	802.11ac(VHT20)	5200.00	5199.985	-2.885	±20	Pass
NTHV	ANT1	802.11ac(VHT20)	5200.00	5199.985	-2.885	±20	Pass
NTNV	ANT1	802.11ac(VHT20)	5240.00	5239.986	-2.672	±20	Pass
NTLV	ANT1	802.11ac(VHT20)	5240.00	5239.986	-2.672	±20	Pass
NTHV	ANT1	802.11ac(VHT20)	5240.00	5239.986	-2.672	±20	Pass
NTNV	ANT1	802.11n(HT40)	5190.00	5189.984	-3.083	±20	Pass
NTLV	ANT1	802.11n(HT40)	5190.00	5189.984	-3.083	±20	Pass
NTHV	ANT1	802.11n(HT40)	5190.00	5189.984	-3.083	±20	Pass
NTNV	ANT1	802.11n(HT40)	5230.00	5229.984	-3.059	±20	Pass
NTLV	ANT1	802.11n(HT40)	5230.00	5229.984	-3.059	±20	Pass
NTHV	ANT1	802.11n(HT40)	5230.00	5229.984	-3.059	±20	Pass
NTNV	ANT1	802.11ac(VHT40)	5190.00	5189.985	-2.890	±20	Pass
NTLV	ANT1	802.11ac(VHT40)	5190.00	5189.985	-2.890	±20	Pass
NTHV	ANT1	802.11ac(VHT40)	5190.00	5189.985	-2.890	±20	Pass
NTNV	ANT1	802.11ac(VHT40)	5230.00	5229.984	-3.059	±20	Pass
NTLV	ANT1	802.11ac(VHT40)	5230.00	5229.984	-3.059	±20	Pass
NTHV	ANT1	802.11ac(VHT40)	5230.00	5229.984	-3.059	±20	Pass
NTNV	ANT1	802.11ac(VHT80)	5210.00	5209.987	-2.495	±20	Pass
NTLV	ANT1	802.11ac(VHT80)	5210.00	5209.987	-2.495	±20	Pass
NTHV	ANT1	802.11ac(VHT80)	5210.00	5209.987	-2.495	±20	Pass

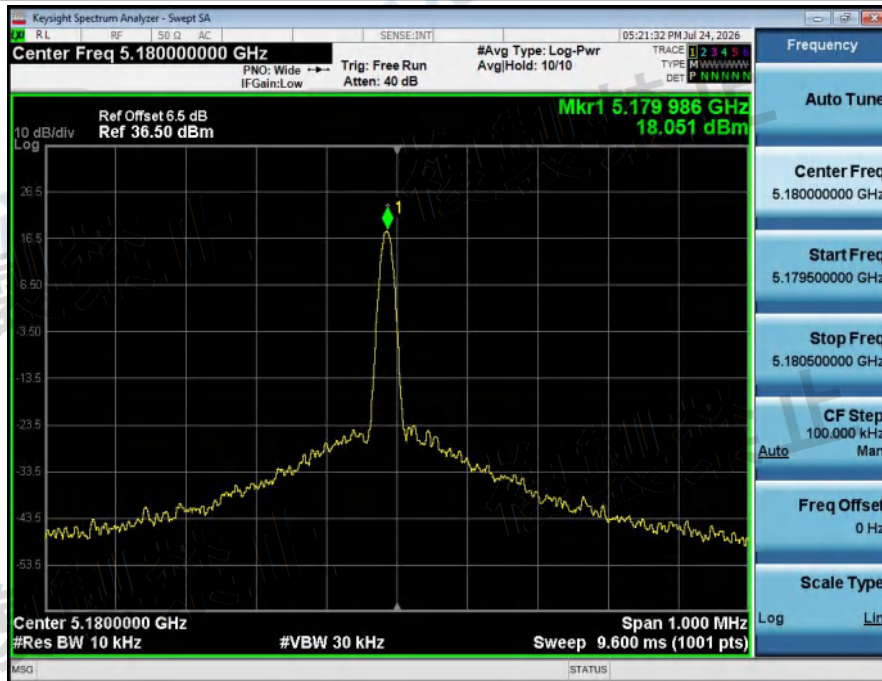
Frequency_Tolerance_NTNV_ANT1_802_11a_5180_20M



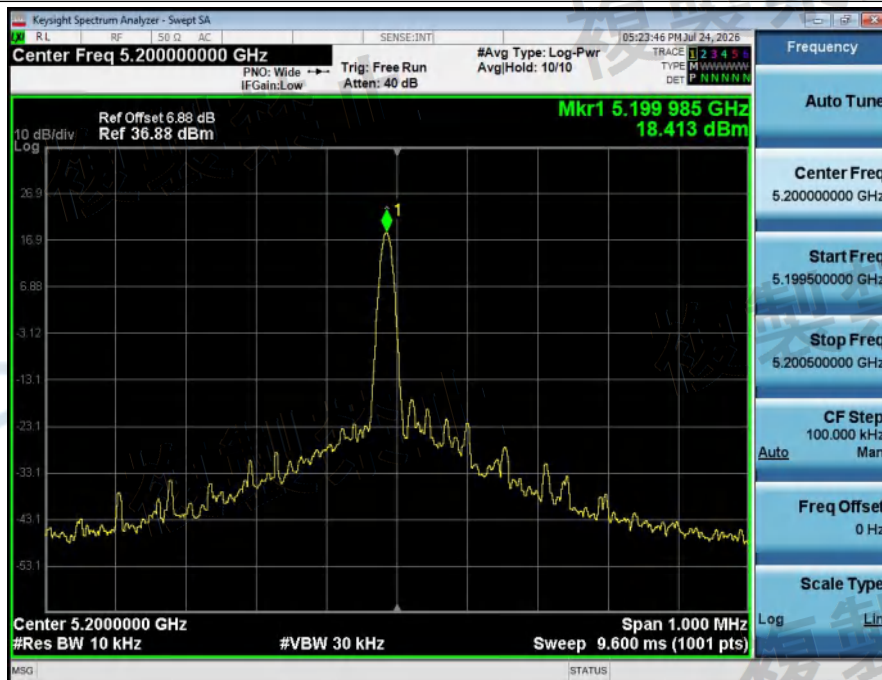
Frequency_Tolerance_NTLV_ANT1_802_11a_5180_20M



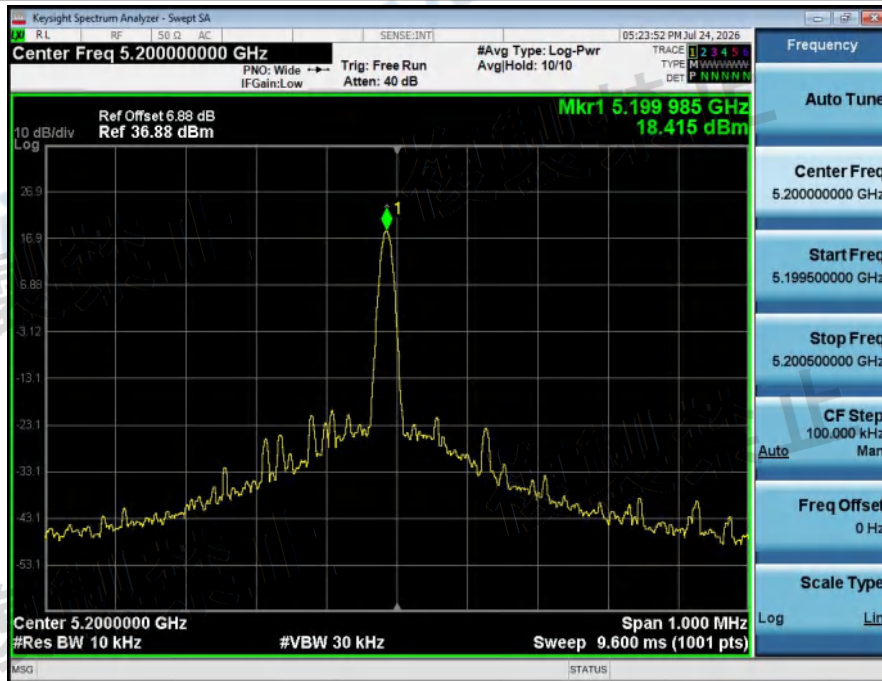
Frequency_Tolerance_NTHV_ANT1_802_11a_5180_20M



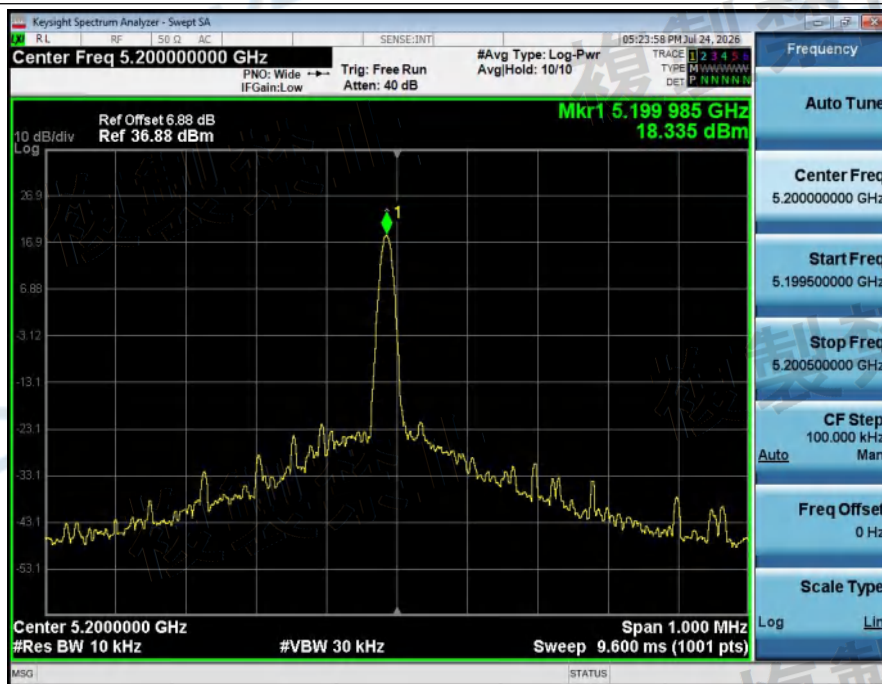
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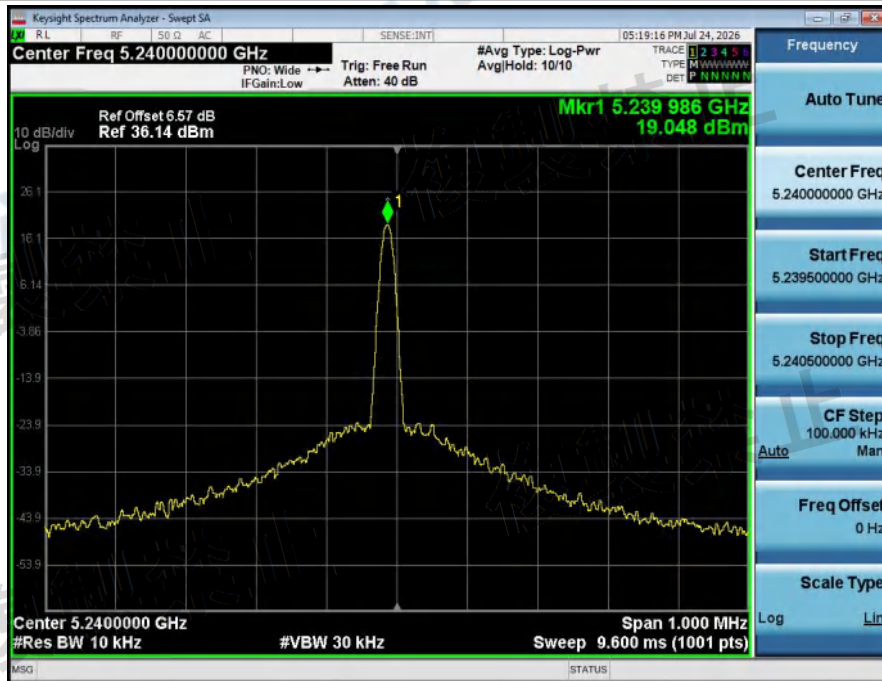
Frequency_Tolerance_NTLV_ANT1_802_11a_5200_20M



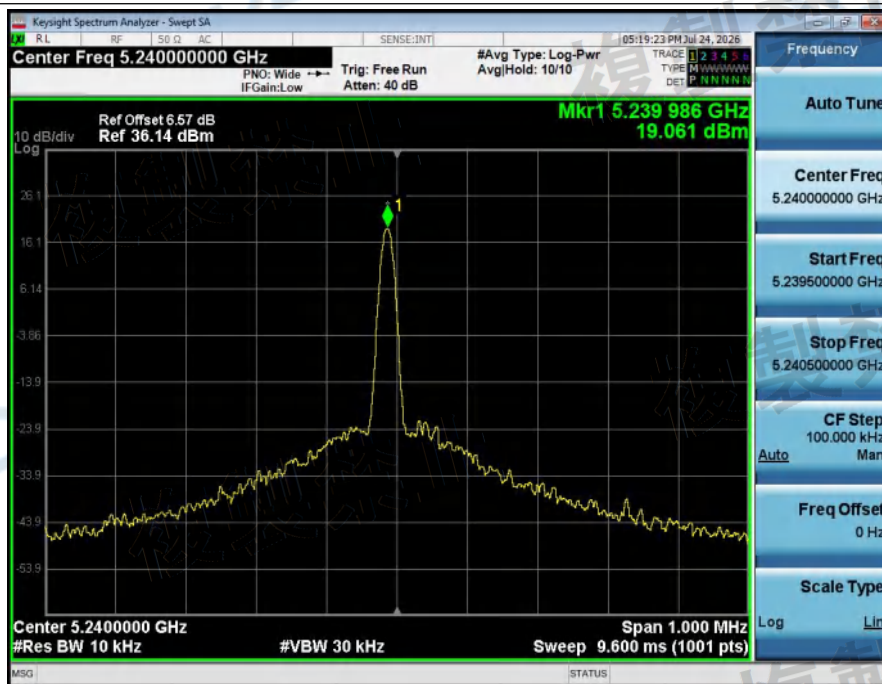
Frequency_Tolerance_NTHV_ANT1_802_11a_5200_20M



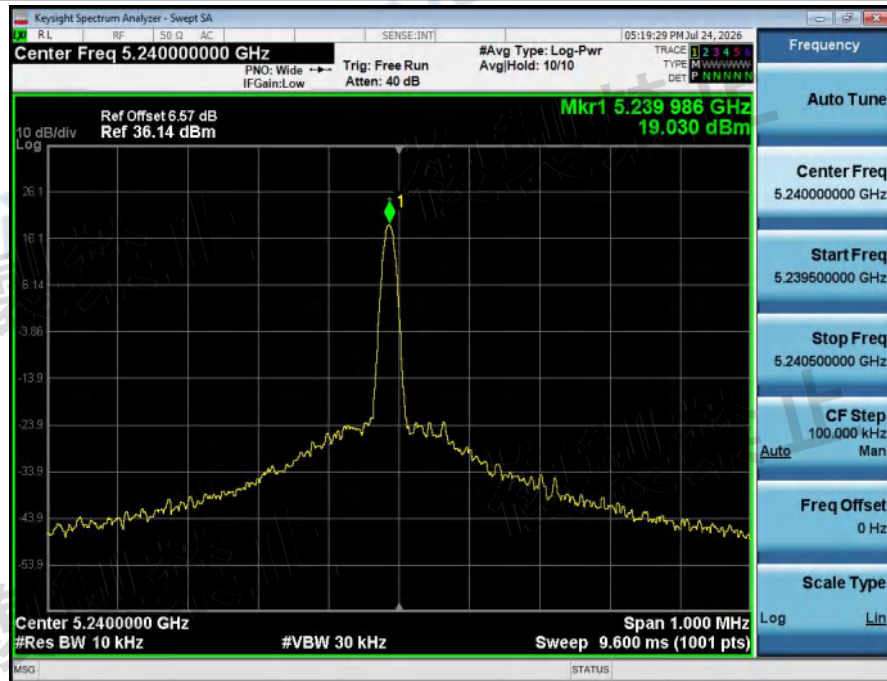
Frequency_Tolerance_NTNV_ANT1_802_11a_5240_20M



Frequency_Tolerance_NTLV_ANT1_802_11a_5240_20M



Frequency_Tolerance_NTHV_ANT1_802_11a_5240_20M

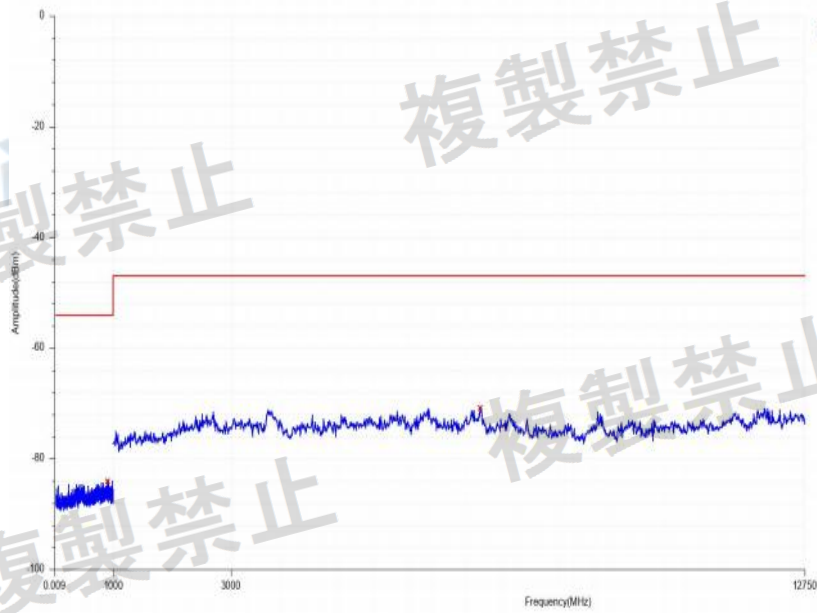


8. Secondary emission of radio wave

Condition	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
NVNT	802.11a	LCH	30.0~1000.0	100	905.91	-84.06	0.0039nW	4nW	NO	/	/	Pass
NVNT	802.11a	LCH	1000.0~13000.0	1000	7240.00	-70.90	0.0811nW	20nW	NO	/	/	Pass
NVNT	802.11a	MCH	30.0~1000.0	100	880.69	-83.15	0.0048nW	4nW	NO	/	/	Pass
NVNT	802.11a	MCH	1000.0~13000.0	1000	5848.00	-70.15	0.0966nW	20nW	NO	/	/	Pass
NVNT	802.11a	HCH	30.0~1000.0	100	944.71	-82.53	0.0055nW	4nW	NO	/	/	Pass
NVNT	802.11a	HCH	1000.0~13000.0	1000	11524.00	-70.44	0.0903nW	20nW	NO	/	/	Pass
NVNT	802.11n(HT20)	LCH	30.0~1000.0	100	828.31	-83.52	0.0044nW	4nW	NO	/	/	Pass
NVNT	802.11n(HT20)	LCH	1000.0~13000.0	1000	12040.00	-70.05	0.0989nW	20nW	NO	/	/	Pass
NVNT	802.11n(HT20)	MCH	30.0~1000.0	100	797.27	-83.76	0.0042nW	4nW	NO	/	/	Pass
NVNT	802.11n(HT20)	MCH	1000.0~13000.0	1000	3688.00	-70.28	0.0938nW	20nW	NO	/	/	Pass
NVNT	802.11n(HT20)	HCH	30.0~1000.0	100	709.97	-84.28	0.0037nW	4nW	NO	/	/	Pass
NVNT	802.11n(HT20)	HCH	1000.0~13000.0	1000	12028.00	-70.34	0.0925nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	LCH	30.0~1000.0	100	988.36	-83.84	0.0041nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	LCH	1000.0~13000.0	1000	12508.00	-70.19	0.0956nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	MCH	30.0~1000.0	100	971.87	-83.84	0.0041nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	MCH	1000.0~13000.0	1000	3664.00	-69.43	0.1139nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	HCH	30.0~1000.0	100	859.35	-83.89	0.0040nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	HCH	1000.0~13000.0	1000	3496.00	-67.40	0.1818nW	20nW	NO	/	/	Pass
NVNT	802.11n(HT40)	LCH	30.0~1000.0	100	904.94	-83.19	0.0047nW	4nW	NO	/	/	Pass
NVNT	802.11n(HT40)	LCH	1000.0~13000.0	1000	3616.00	-69.95	0.1012nW	20nW	NO	/	/	Pass
NVNT	802.11n(HT40)	HCH	30.0~1000.0	100	989.33	-84.22	0.0037nW	4nW	NO	/	/	Pass
NVNT	802.11n(HT40)	HCH	1000.0~13000.0	1000	12028.00	-69.95	0.1010nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT40)	LCH	30.0~1000.0	100	871.96	-84.34	0.0036nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT40)	LCH	1000.0~13000.0	1000	12712.00	-70.20	0.0955nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT40)	HCH	30.0~1000.0	100	705.12	-83.87	0.0041nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT40)	HCH	1000.0~13000.0	1000	1756.00	-69.67	0.1079nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT80)	MCH	30.0~1000.0	100	399.57	-83.70	0.0042nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT80)	MCH	1000.0~13000.0	1000	1756.00	-67.49	0.1784nW	20nW	NO	/	/	Pass

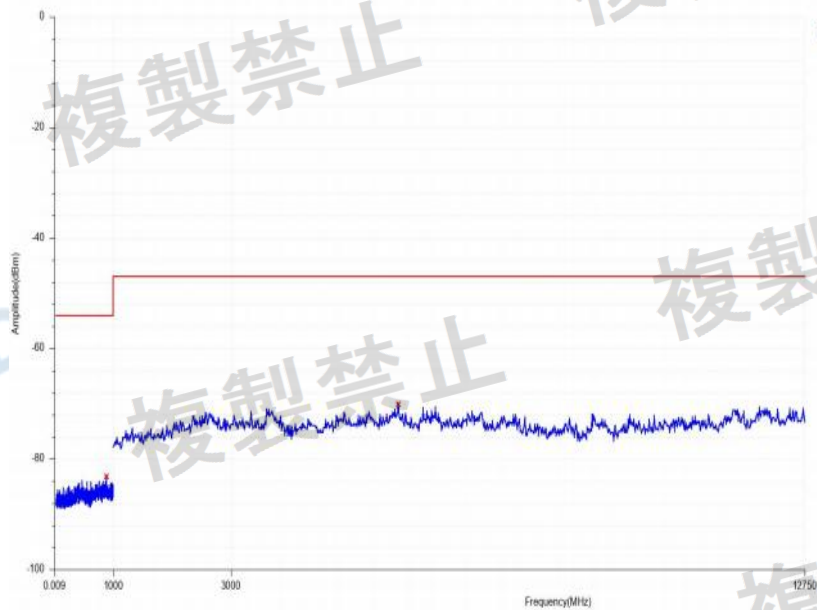
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11a_LCH

Secondary Radiated Emissions



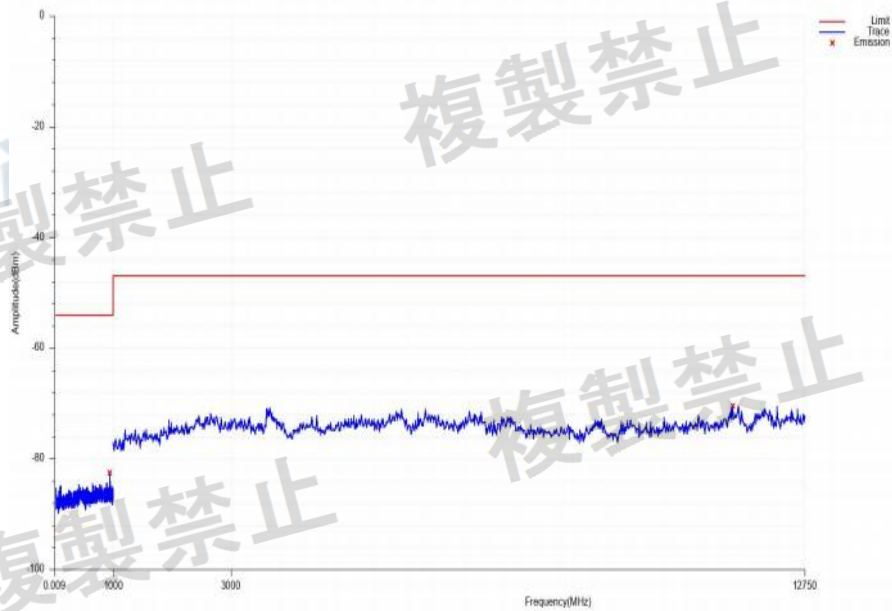
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11a_MCH

Secondary Radiated Emissions



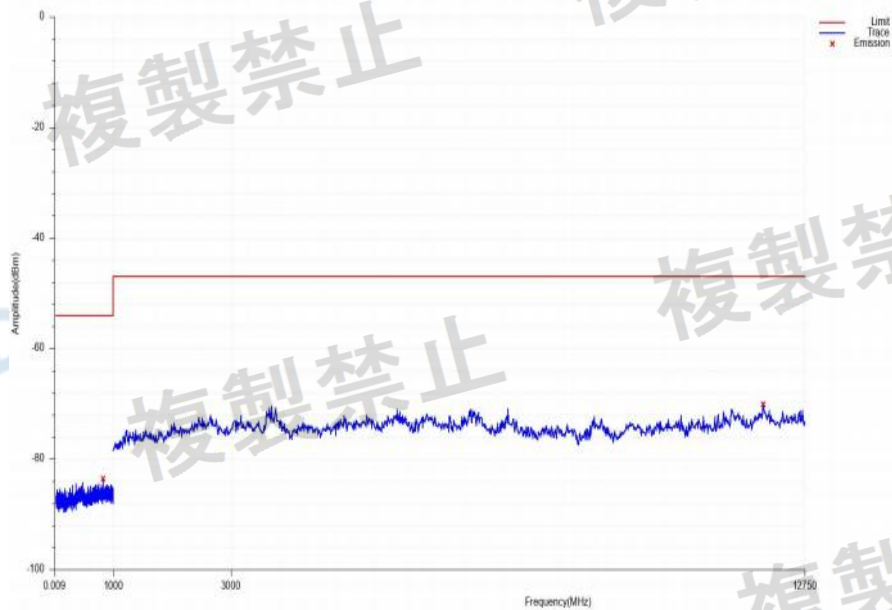
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11a_HCH

Secondary Radiated Emissions



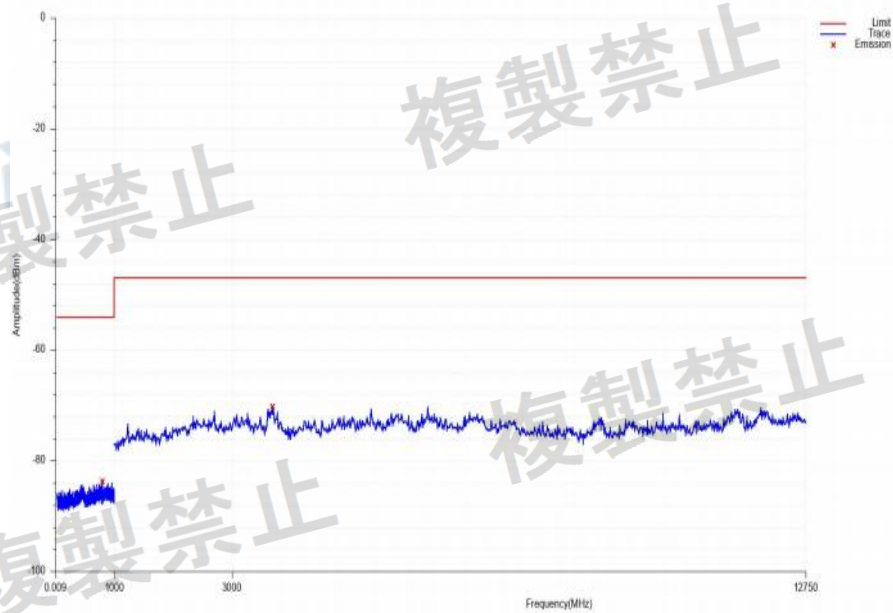
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11n(HT20)_LCH

Secondary Radiated Emissions



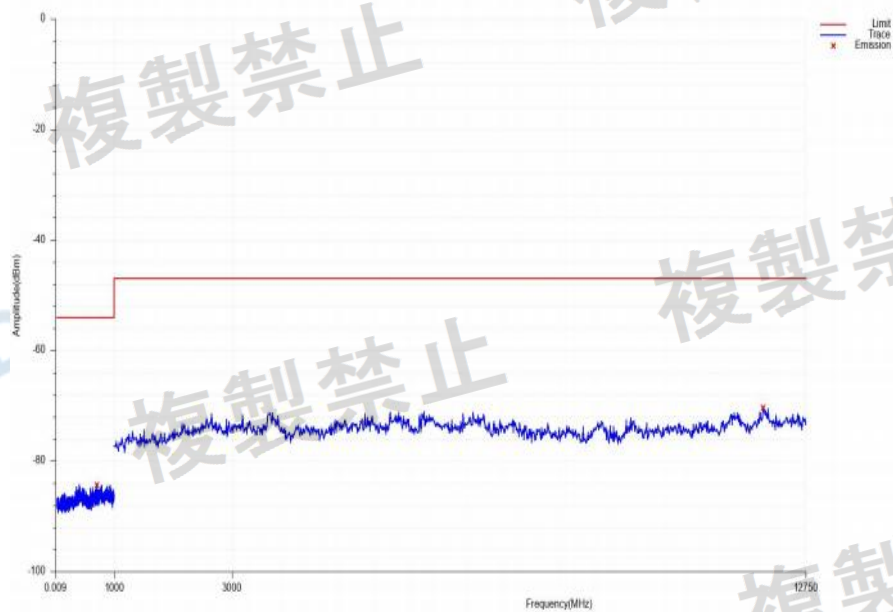
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11n(HT20)_MCH

Secondary Radiated Emissions

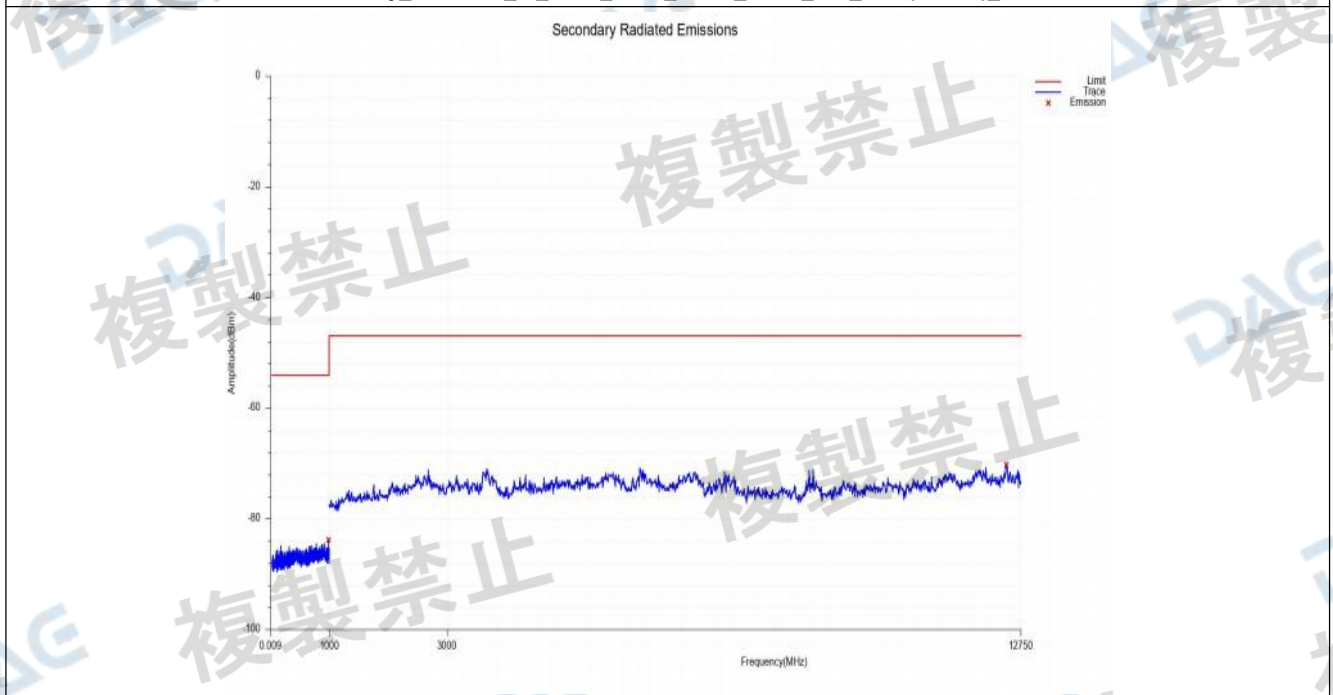


Secondary_emission_of_radio_wave_NVNT_ANT1_802_11n(HT20)_HCH

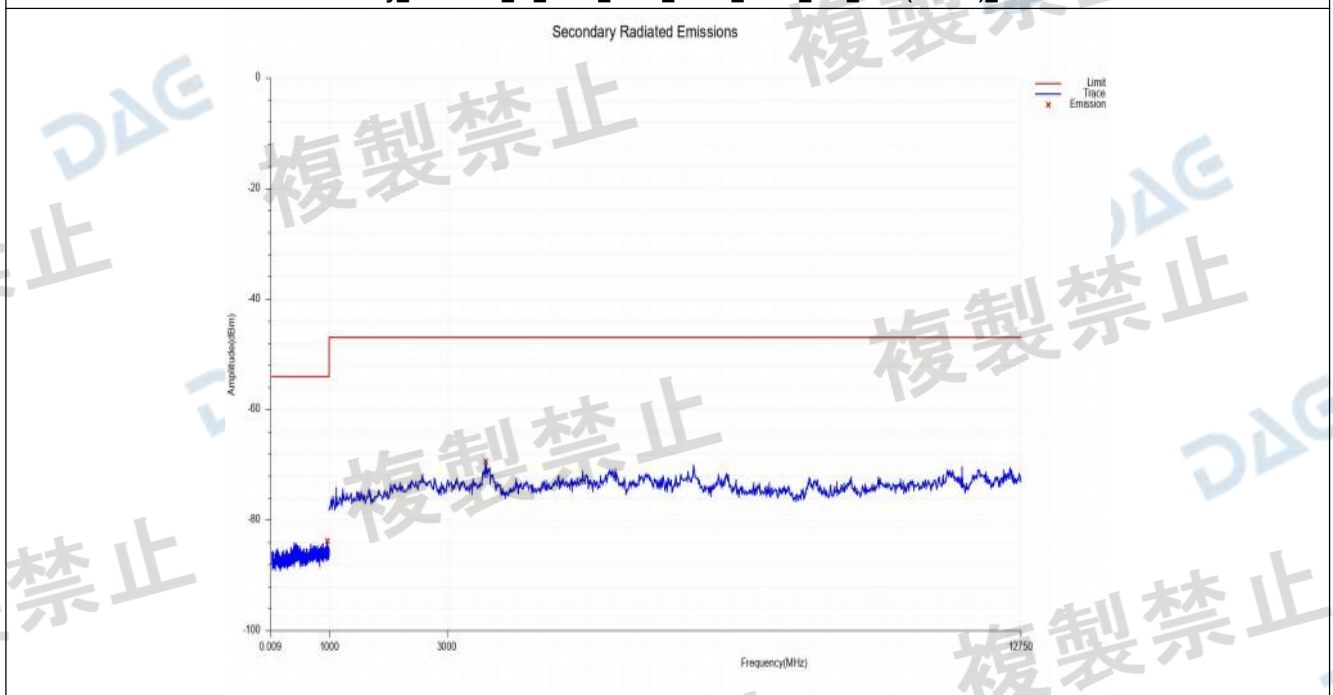
Secondary Radiated Emissions



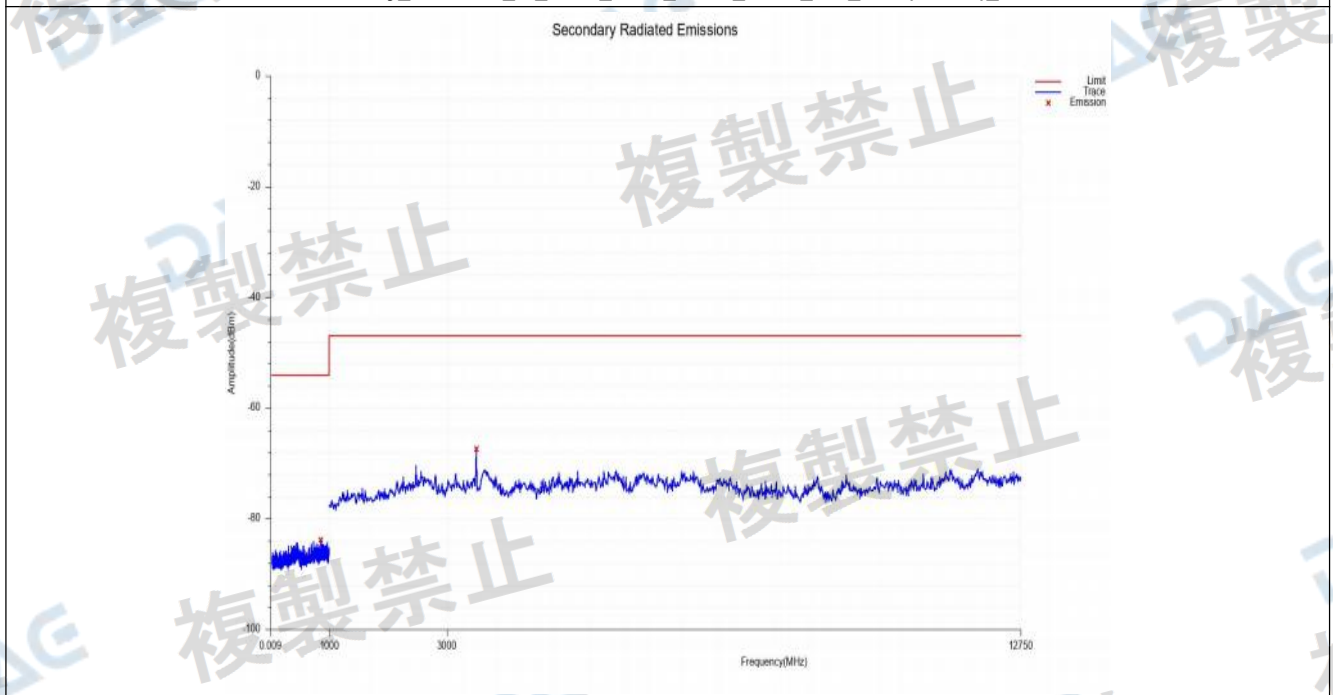
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT20)_LCH



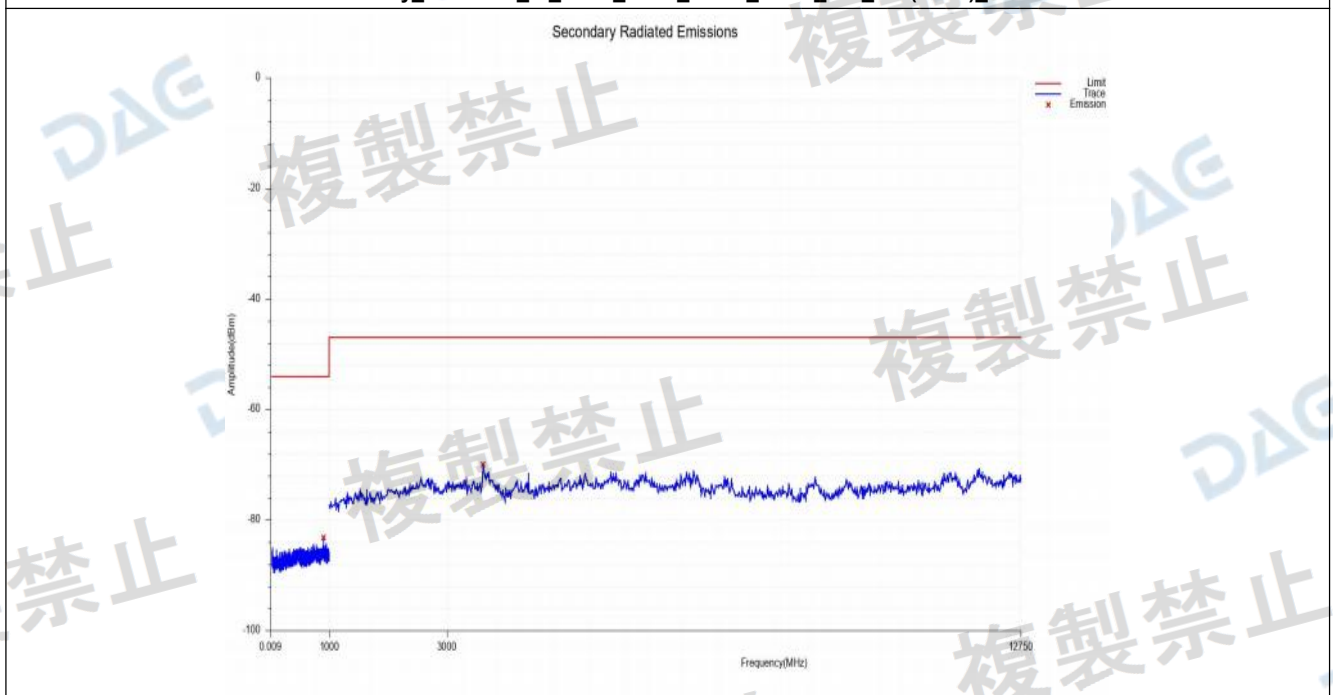
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT20)_MCH



Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT20)_HCH

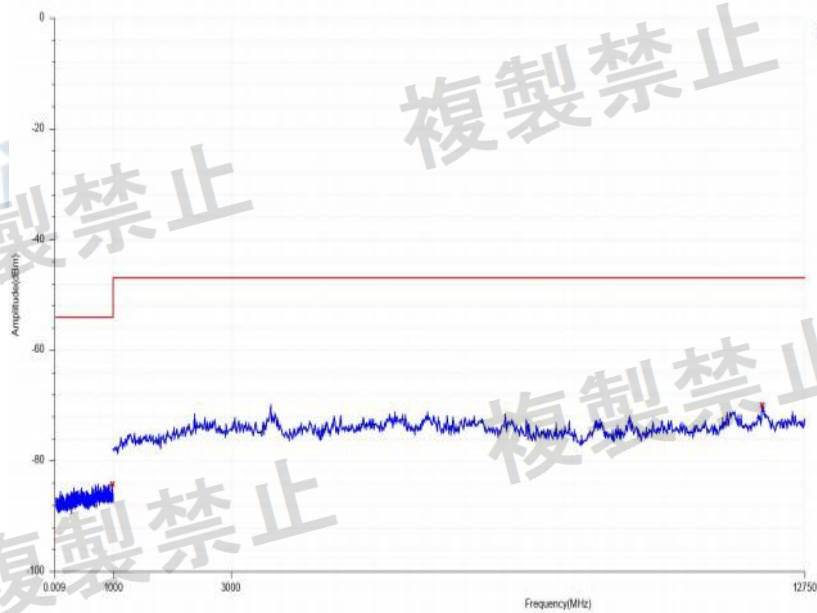


Secondary_emission_of_radio_wave_NVNT_ANT1_802_11n(HT40)_LCH



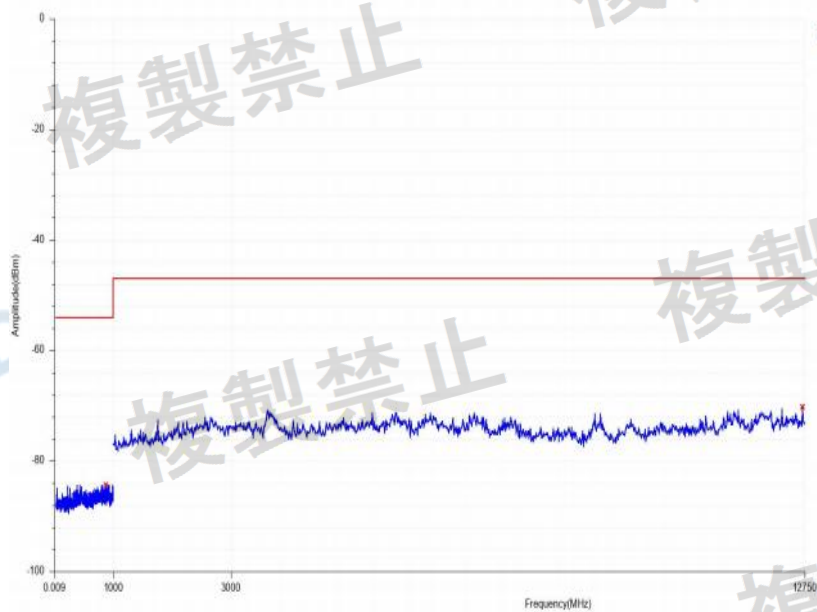
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11n(HT40)_HCH

Secondary Radiated Emissions

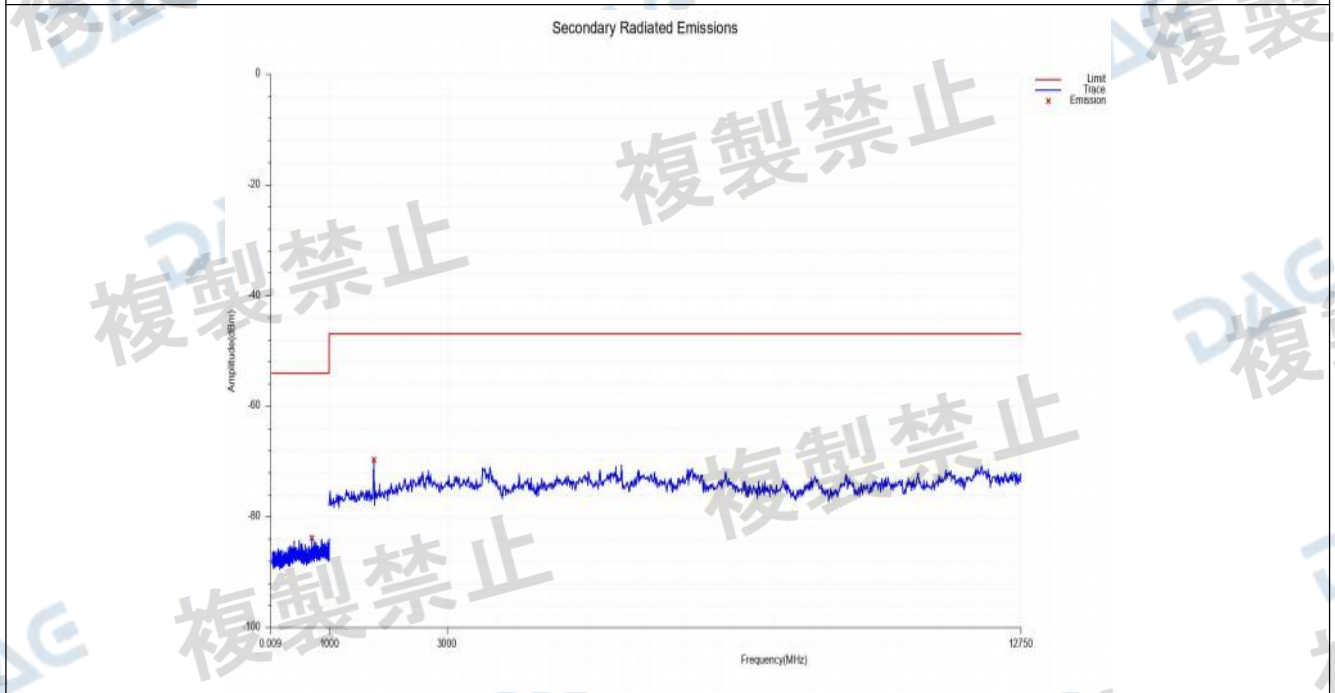


Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT40)_LCH

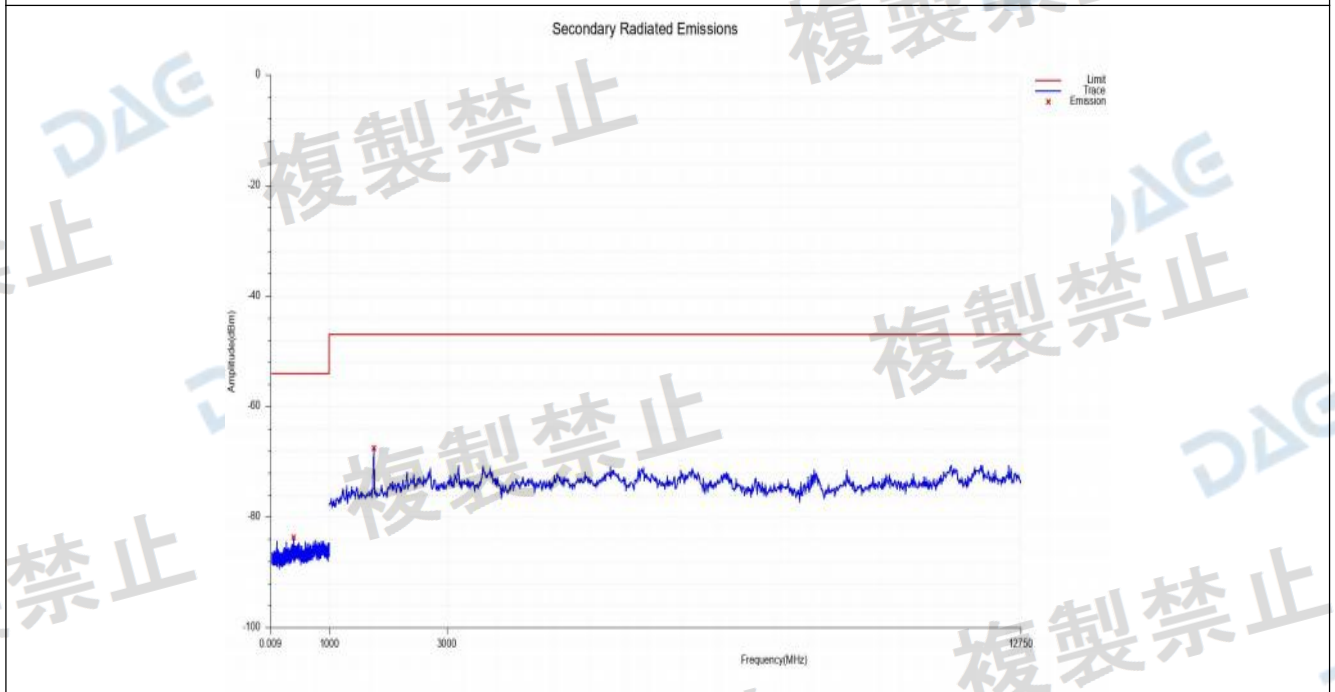
Secondary Radiated Emissions



Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT40)_HCH



Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT80)_MCH



Appendix-5.3G

HT260723009-AGM-P3-MIC-5.3GWIFI

MIC_5.3G_WIFI (Item_19-3) Test Data

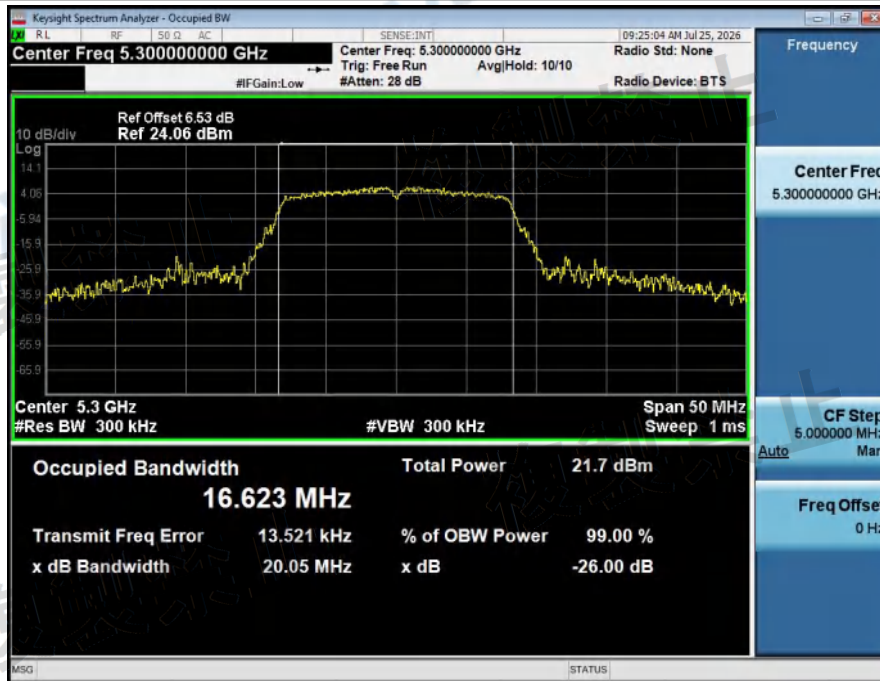
1. Occupied Frequency Bandwidth

Condition	Antenna	Mode	Frequency(MHz)	Occupied Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5260.00	16.80	20	Pass
NVNT	ANT1	802.11a	5300.00	16.62	20	Pass
NVNT	ANT1	802.11a	5320.00	16.65	20	Pass
NVNT	ANT1	802.11n(HT20)	5260.00	17.70	20	Pass
NVNT	ANT1	802.11n(HT20)	5300.00	17.67	20	Pass
NVNT	ANT1	802.11n(HT20)	5320.00	17.68	20	Pass
NVNT	ANT1	802.11ac(VHT20)	5260.00	17.64	20	Pass
NVNT	ANT1	802.11ac(VHT20)	5300.00	17.67	20	Pass
NVNT	ANT1	802.11ac(VHT20)	5320.00	17.67	20	Pass
NVNT	ANT1	802.11n(HT40)	5270.00	35.97	40	Pass
NVNT	ANT1	802.11n(HT40)	5310.00	35.92	40	Pass
NVNT	ANT1	802.11ac(VHT40)	5270.00	35.91	40	Pass
NVNT	ANT1	802.11ac(VHT40)	5310.00	35.94	40	Pass
NVNT	ANT1	802.11ac(VHT80)	5290.00	75.12	80	Pass

Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11a_5260



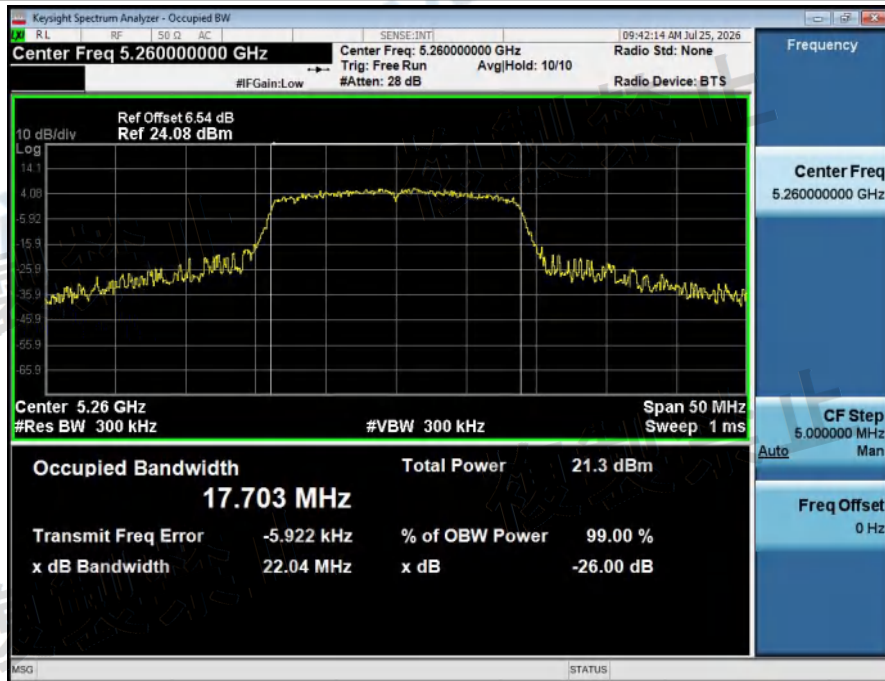
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11a_5300



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11a_5320



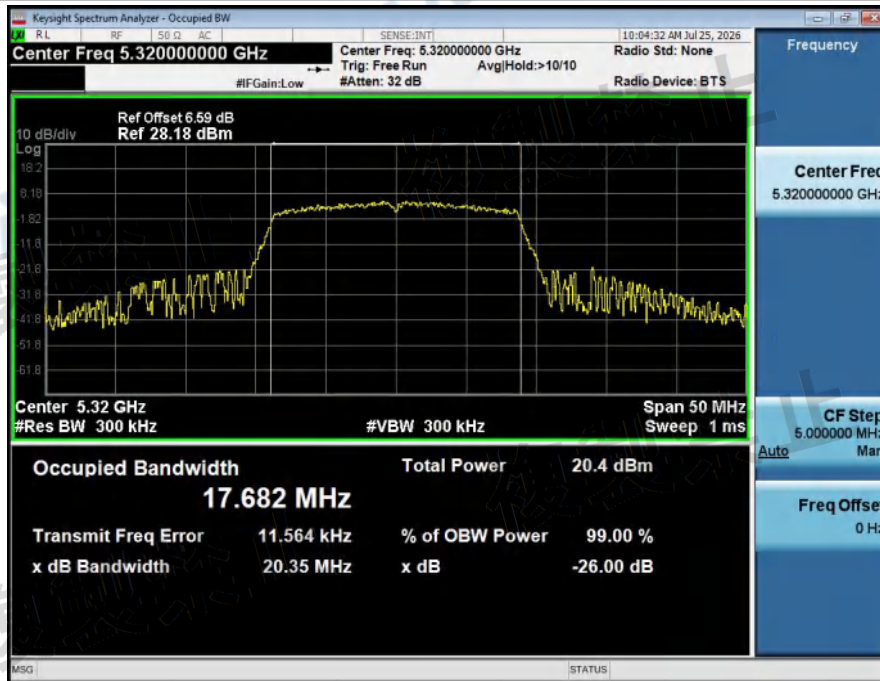
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT20)_5260



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT20)_5300



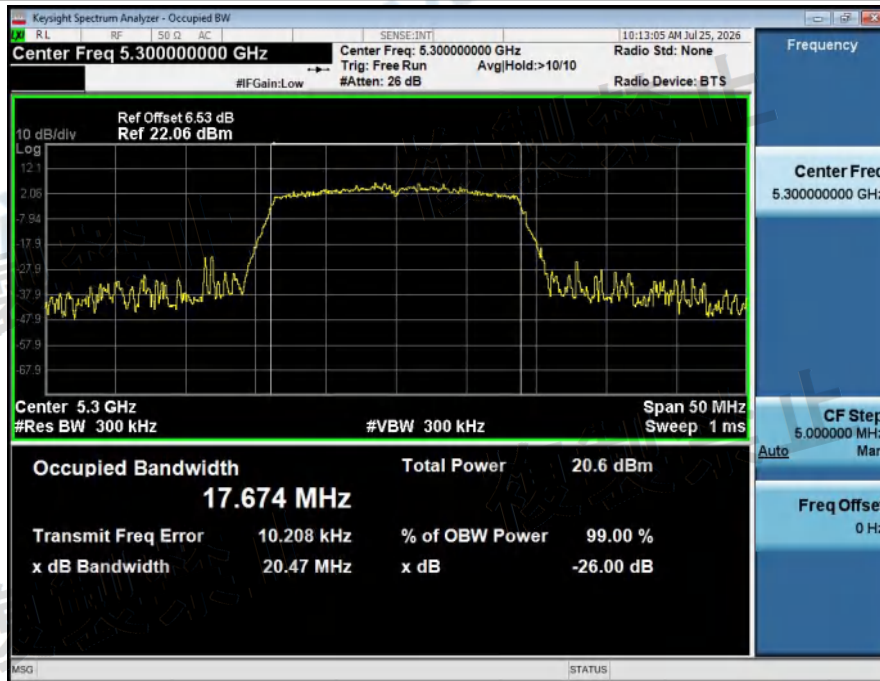
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT20)_5320



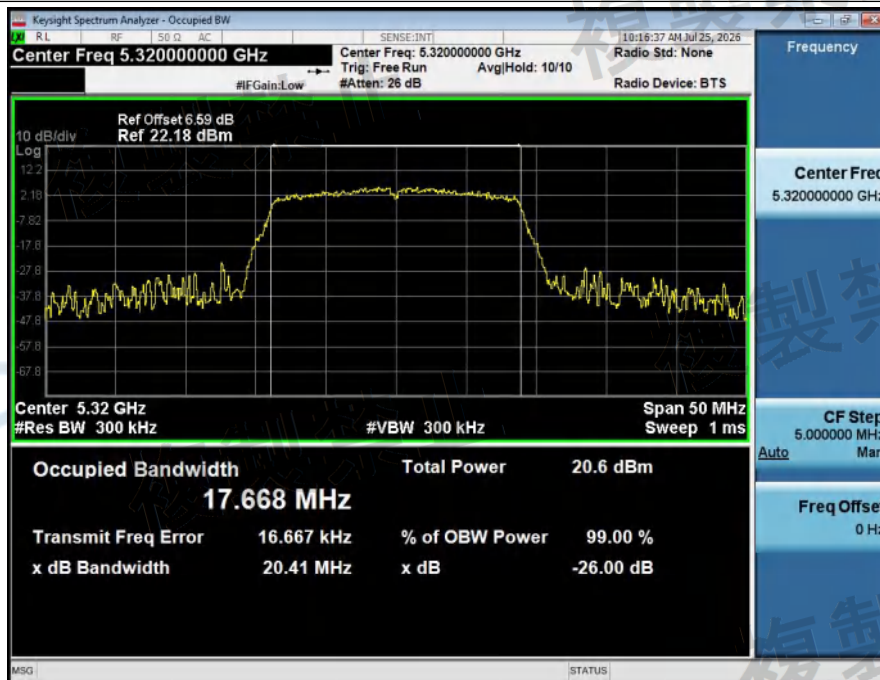
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5260



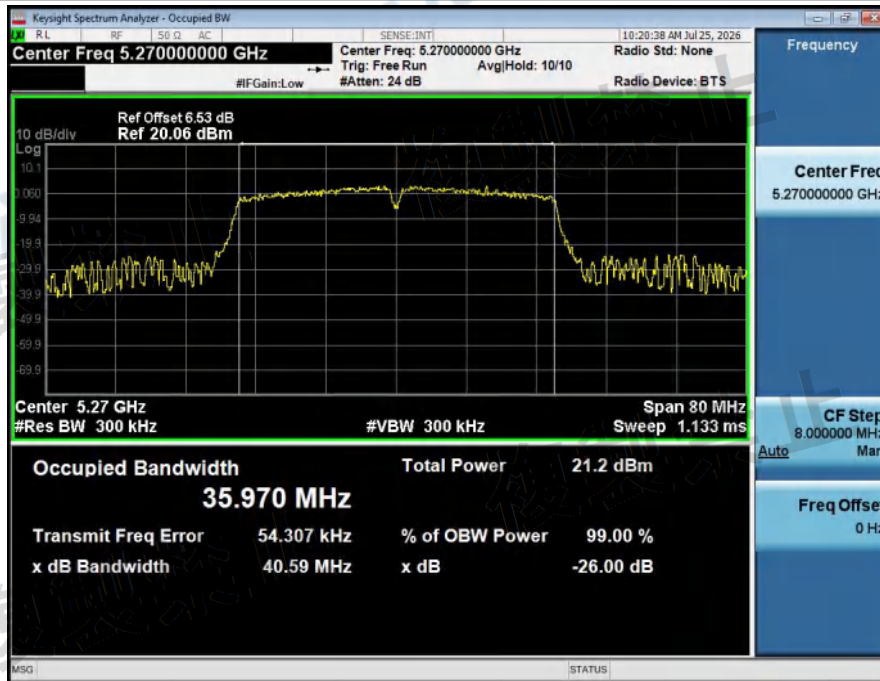
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5300



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5320



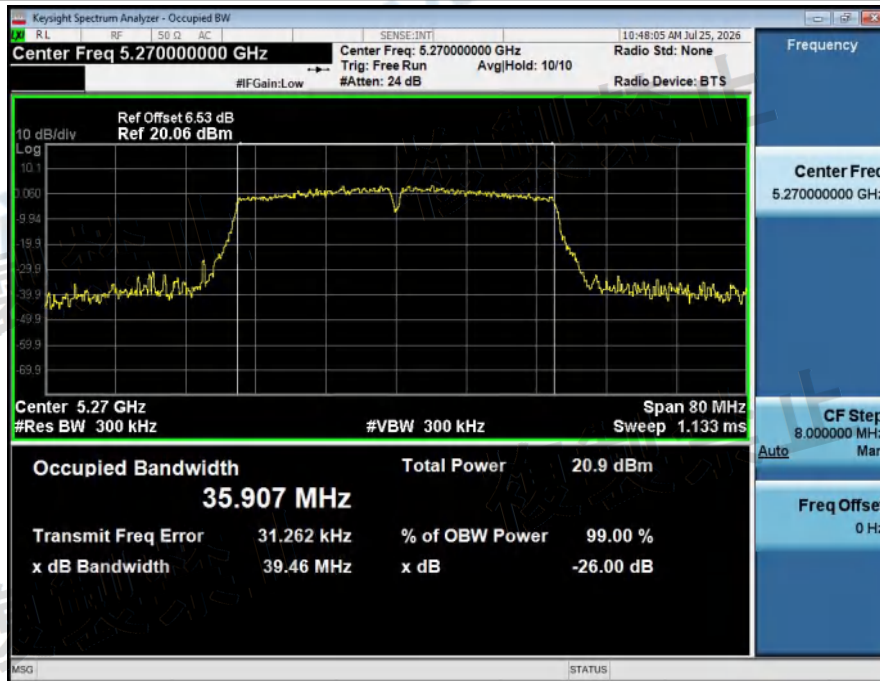
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT40)_5270



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT40)_5310



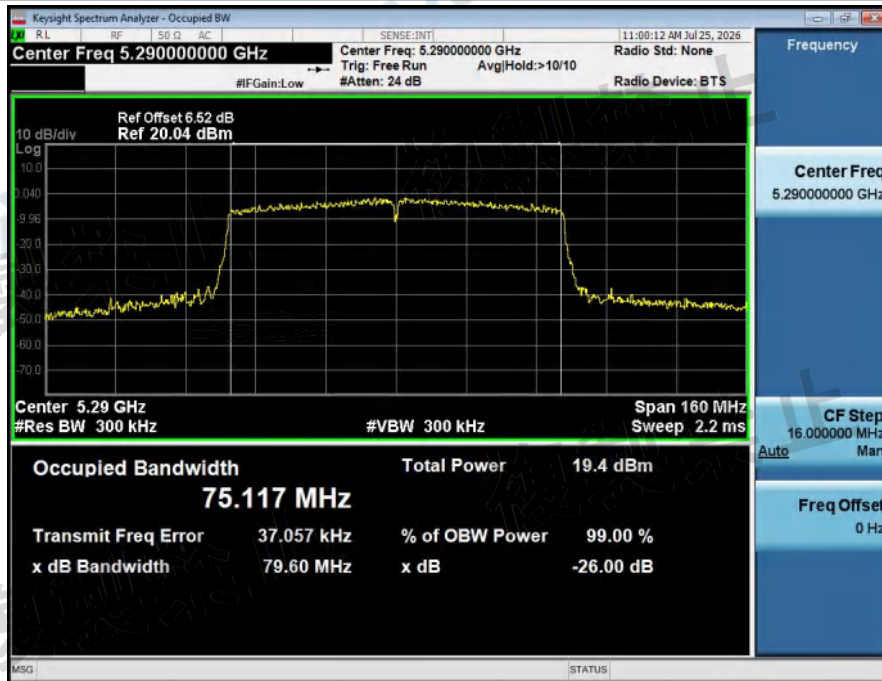
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5270



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5310



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT80)_5290



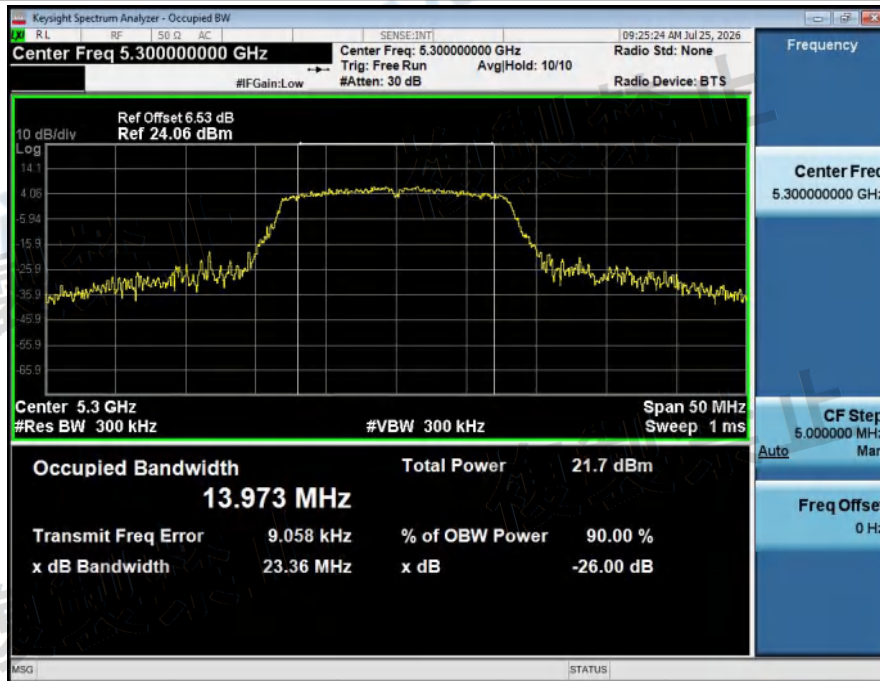
2. Spread Spectrum Bandwidth

Condition	Antenna	Mode	Frequency(MHz)	Spread Spectrum Bandwidth(MHz)
NVNT	ANT1	802.11a	5260.00	13.98
NVNT	ANT1	802.11a	5300.00	13.97
NVNT	ANT1	802.11a	5320.00	13.99
NVNT	ANT1	802.11n(HT20)	5260.00	14.95
NVNT	ANT1	802.11n(HT20)	5300.00	14.86
NVNT	ANT1	802.11n(HT20)	5320.00	14.89
NVNT	ANT1	802.11ac(VHT20)	5260.00	14.80
NVNT	ANT1	802.11ac(VHT20)	5300.00	14.79
NVNT	ANT1	802.11ac(VHT20)	5320.00	14.87
NVNT	ANT1	802.11n(HT40)	5270.00	30.48
NVNT	ANT1	802.11n(HT40)	5310.00	30.49
NVNT	ANT1	802.11ac(VHT40)	5270.00	30.38
NVNT	ANT1	802.11ac(VHT40)	5310.00	30.47
NVNT	ANT1	802.11ac(VHT80)	5290.00	64.26

Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11a_5260



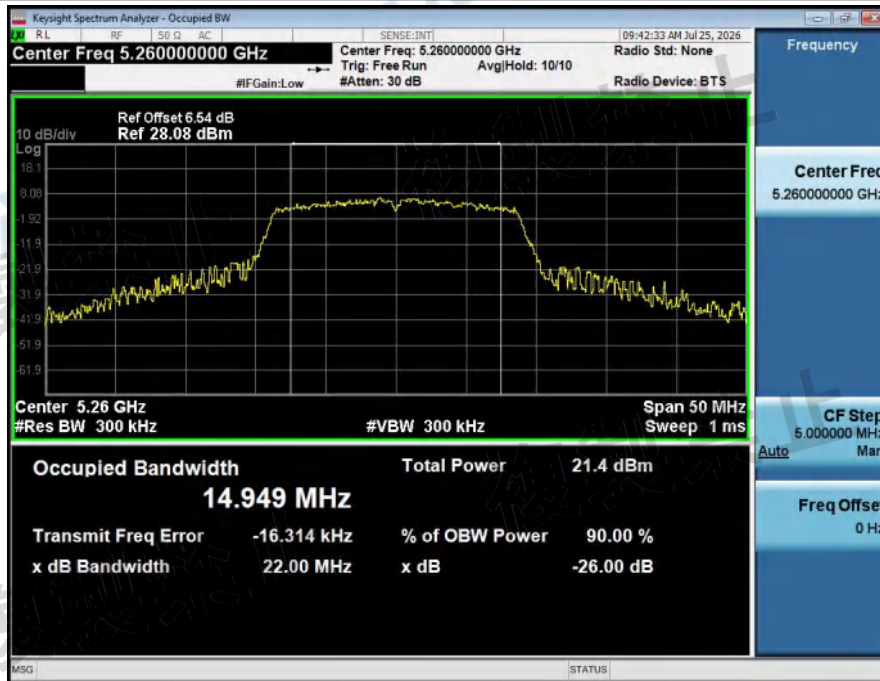
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11a_5300



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11a_5320



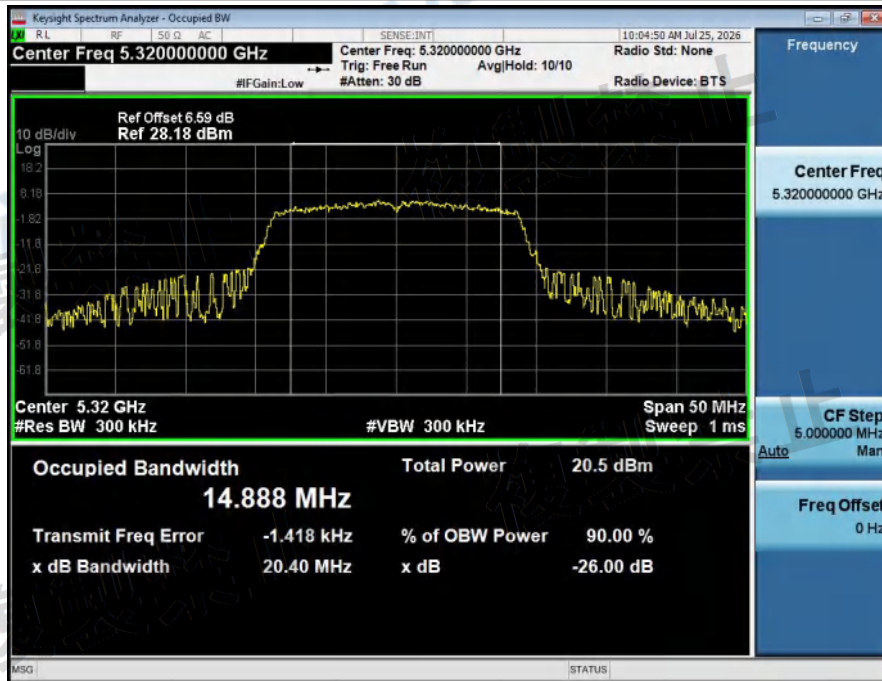
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11n(HT20)_5260



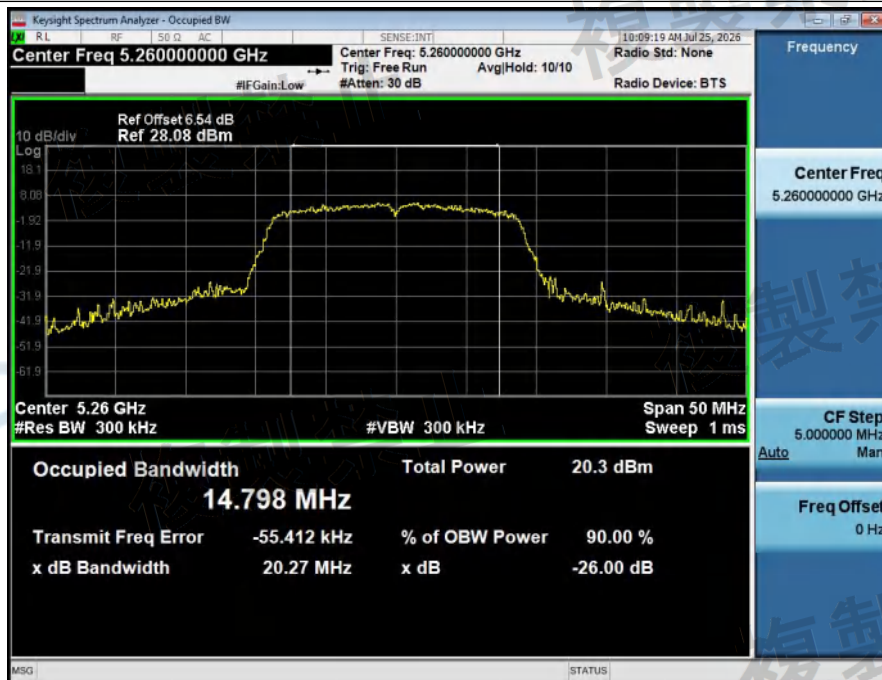
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11n(HT20)_5300



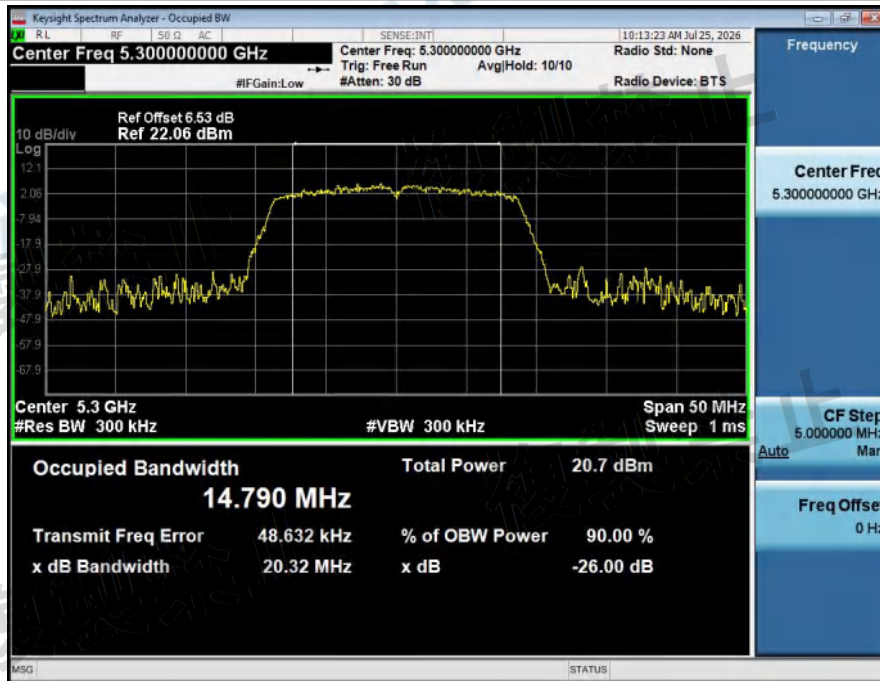
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11n(HT20)_5320



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5260



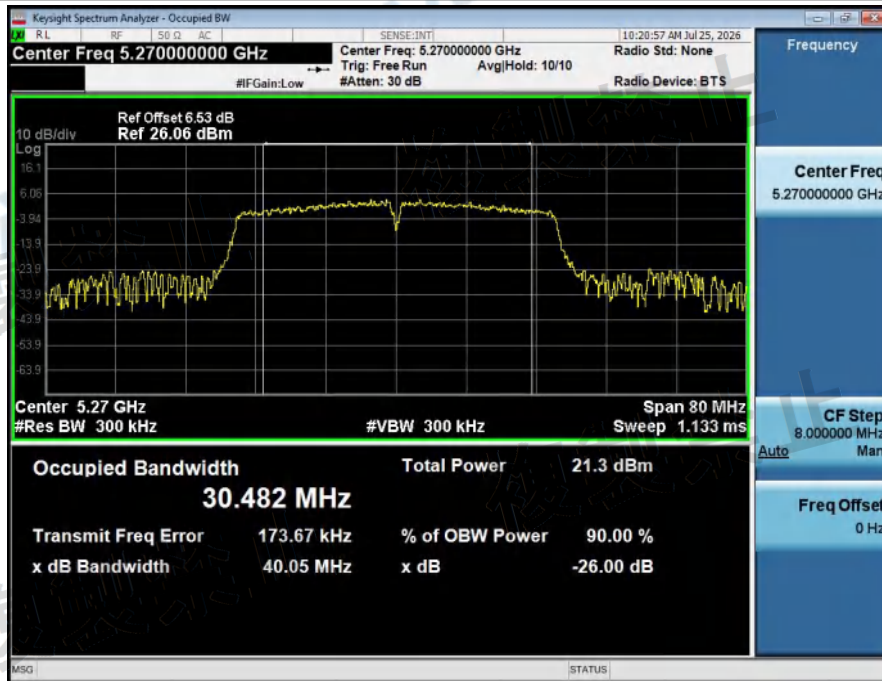
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5300



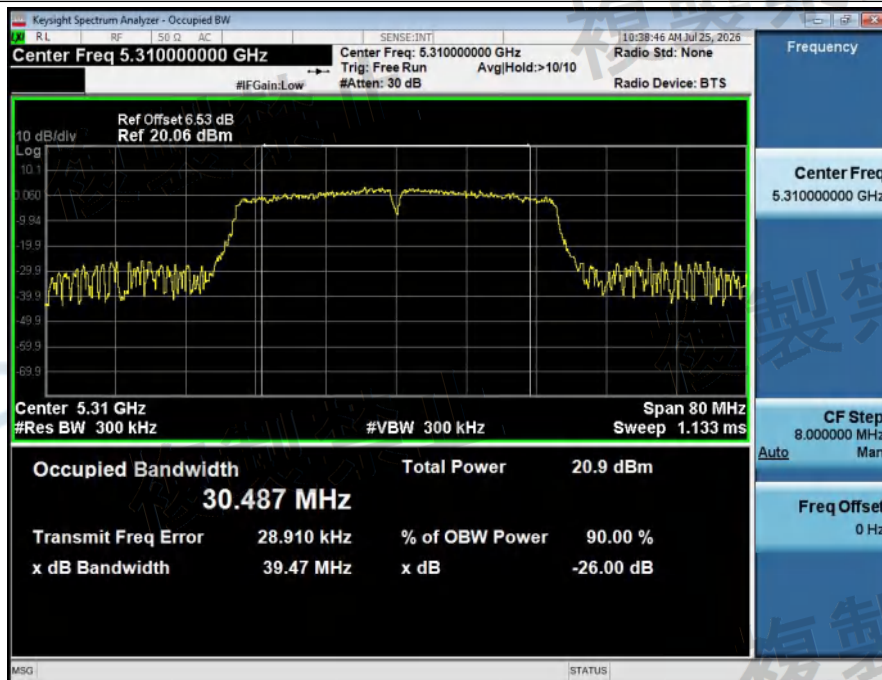
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5320



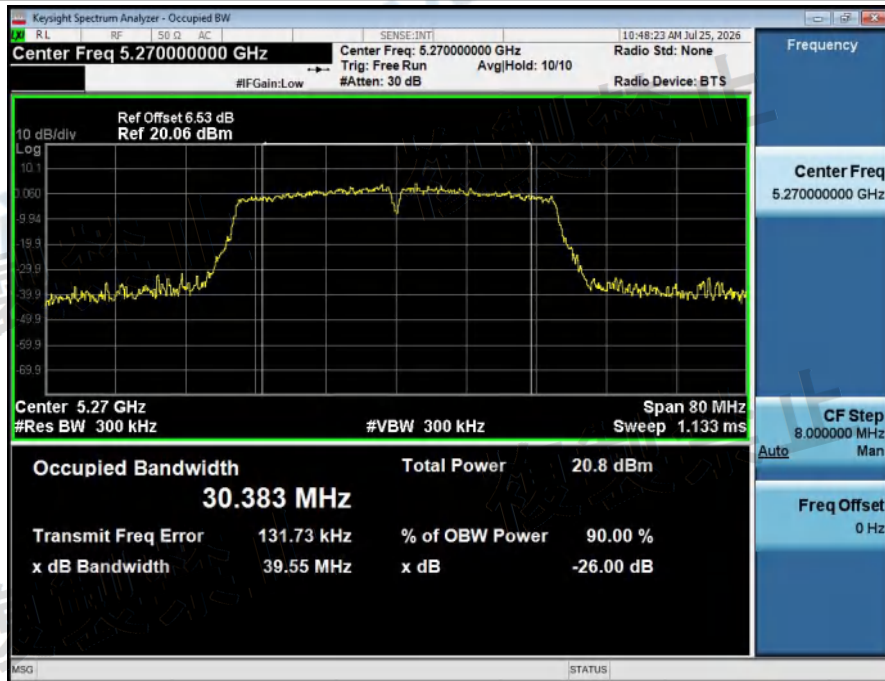
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11n(HT40)_5270



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11n(HT40)_5310



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5270



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5310



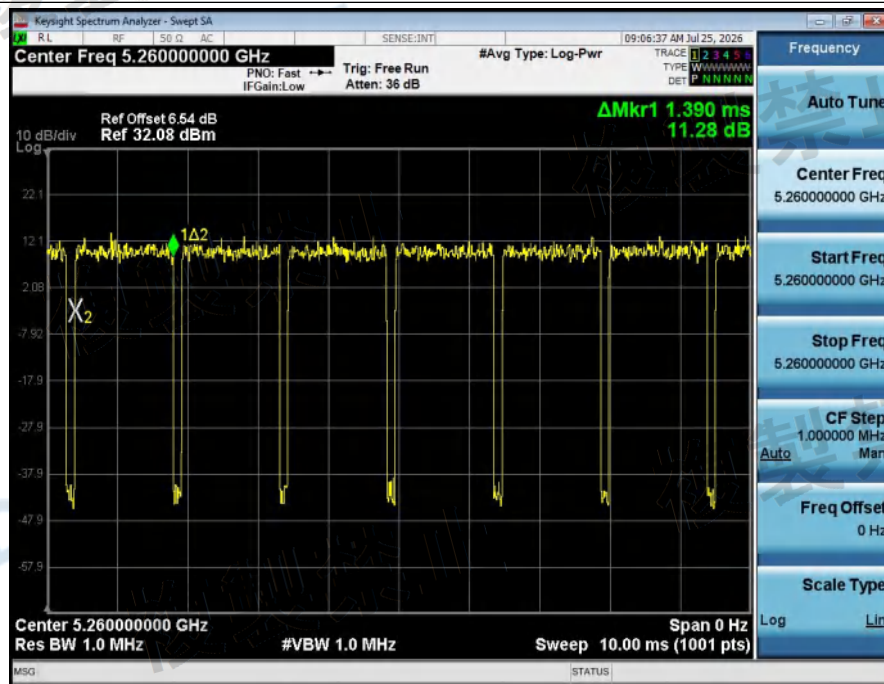
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT80)_5290



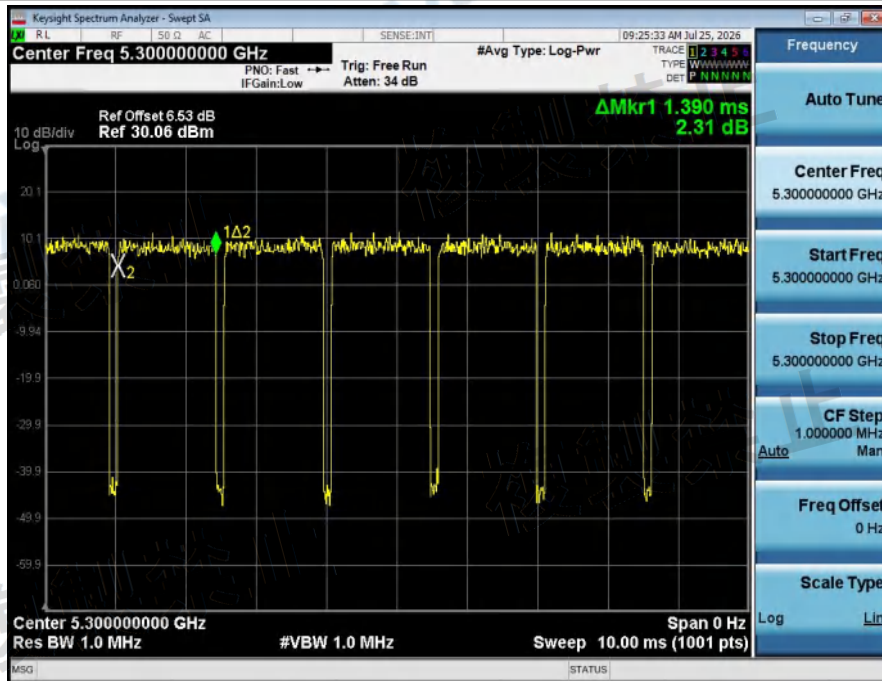
3. Burst Length

Condition	Antenna	Mode	Frequency	Burst_Length(ms)	Limit(ms)	Result
NVNT	ANT1	802.11a	5260.00	1.390	8	Pass
NVNT	ANT1	802.11a	5300.00	1.390	8	Pass
NVNT	ANT1	802.11a	5320.00	1.390	8	Pass
NVNT	ANT1	802.11n(HT20)	5260.00	1.300	8	Pass
NVNT	ANT1	802.11n(HT20)	5300.00	1.310	8	Pass
NVNT	ANT1	802.11n(HT20)	5320.00	1.300	8	Pass
NVNT	ANT1	802.11ac(VHT20)	5260.00	1.320	8	Pass
NVNT	ANT1	802.11ac(VHT20)	5300.00	1.310	8	Pass
NVNT	ANT1	802.11ac(VHT20)	5320.00	1.310	8	Pass
NVNT	ANT1	802.11n(HT40)	5270.00	0.650	8	Pass
NVNT	ANT1	802.11n(HT40)	5310.00	0.650	8	Pass
NVNT	ANT1	802.11ac(VHT40)	5270.00	0.650	8	Pass
NVNT	ANT1	802.11ac(VHT40)	5310.00	0.650	8	Pass
NVNT	ANT1	802.11ac(VHT80)	5290.00	0.330	8	Pass

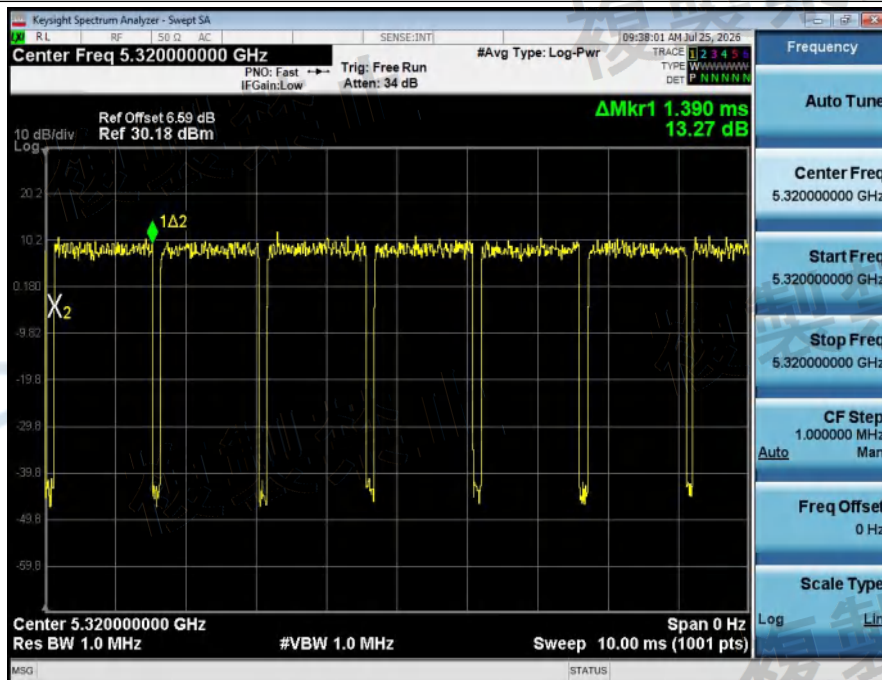
Burst_Length_NVNT_ANT1_802_11a_5260_20M



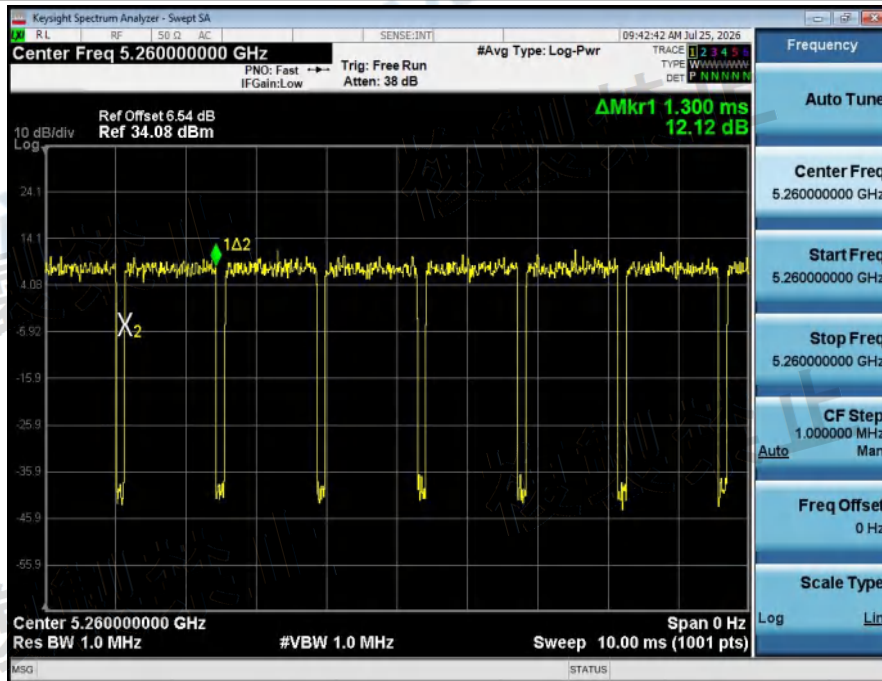
Burst_Length_NVNT_ANT1_802_11a_5300_20M



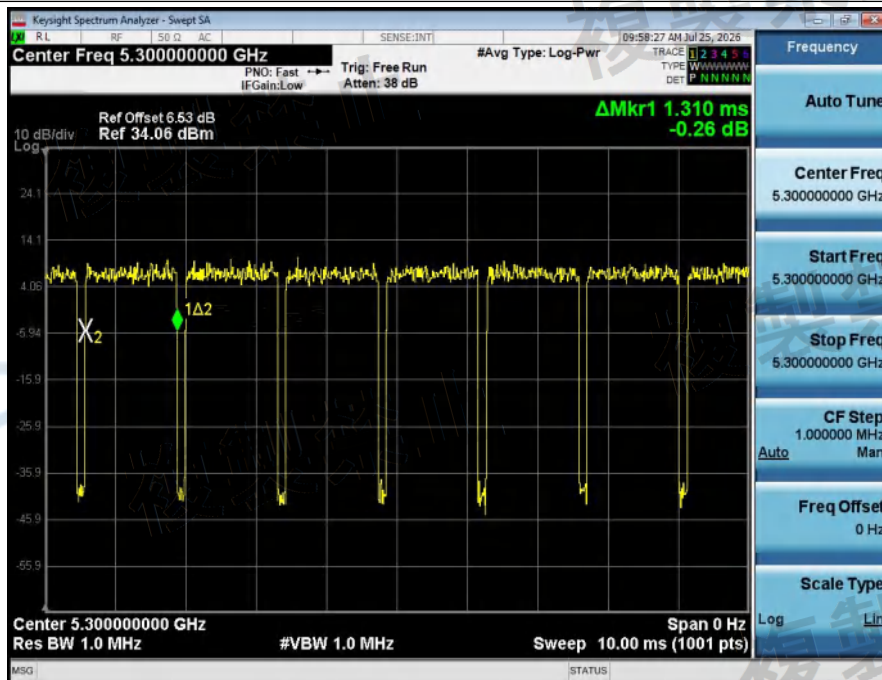
Burst_Length_NVNT_ANT1_802_11a_5320_20M



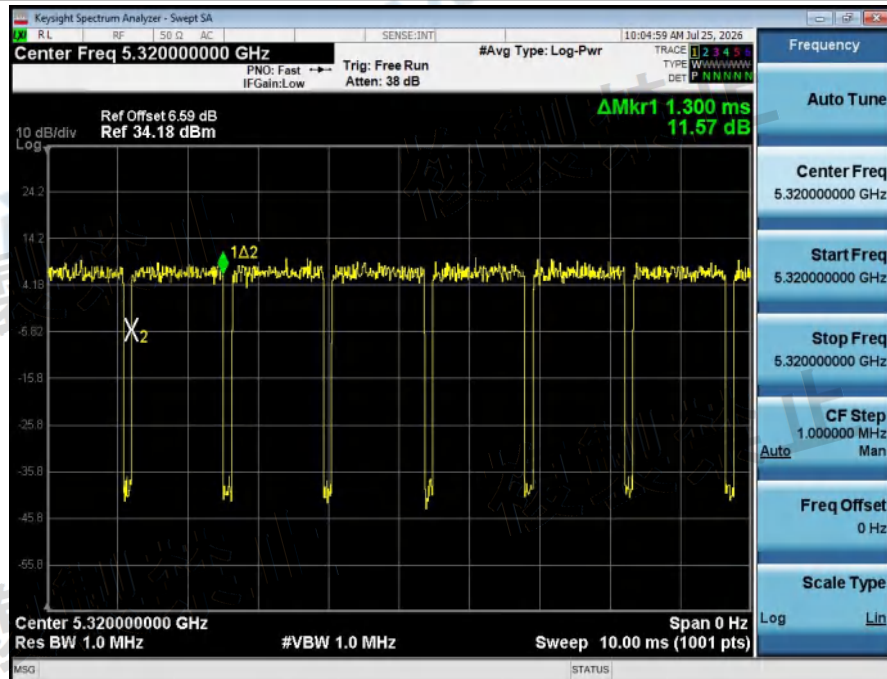
Burst_Length_NVNT_ANT1_802_11n(HT20)_5260_20M



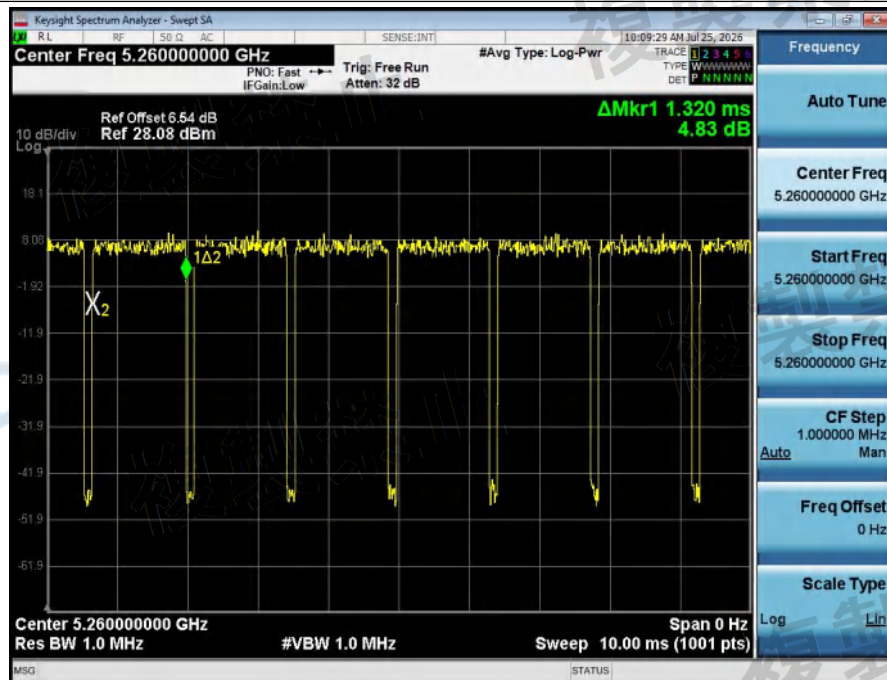
Burst_Length_NVNT_ANT1_802_11n(HT20)_5300_20M



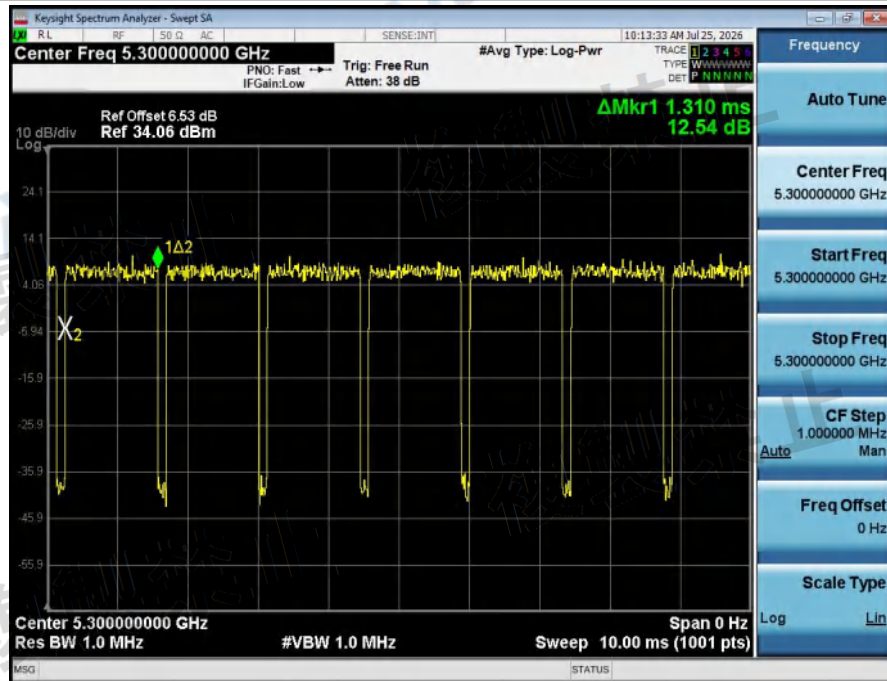
Burst_Length_NVNT_ANT1_802_11n(HT20)_5320_20M



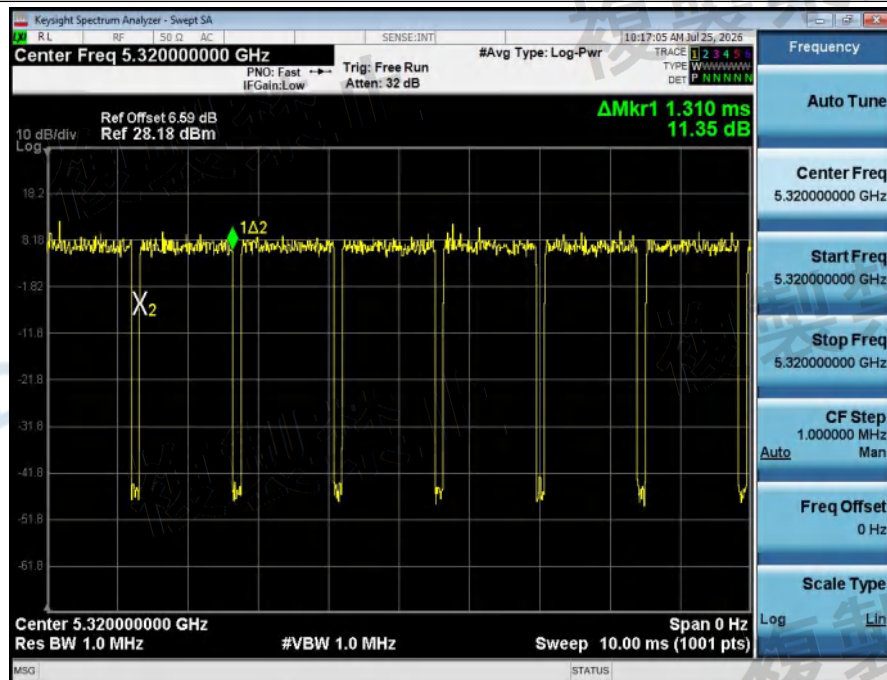
Burst_Length_NVNT_ANT1_802_11ac(VHT20)_5260_20M



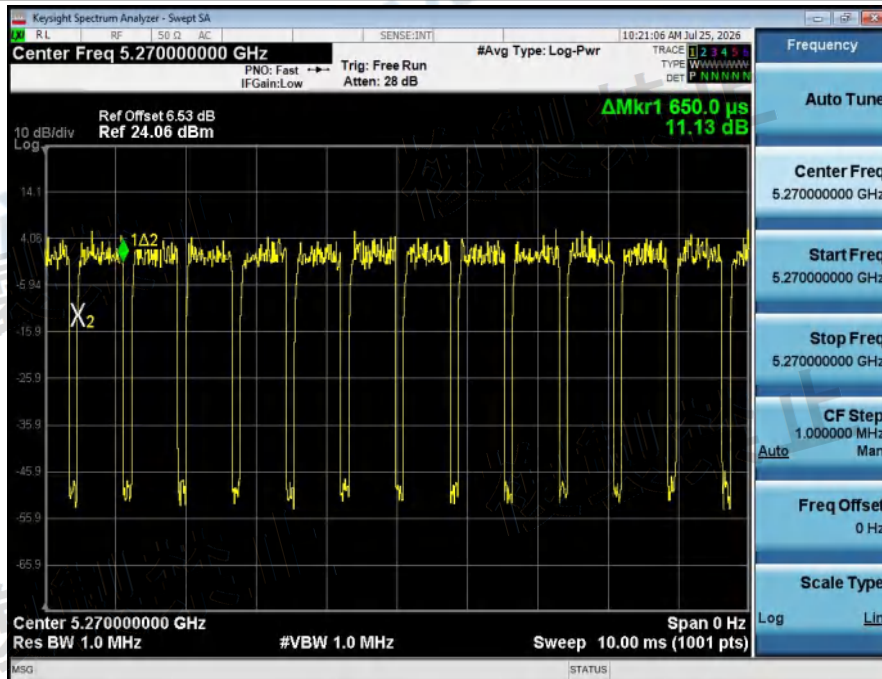
Burst_Length_NVNT_ANT1_802_11ac(VHT20)_5300_20M



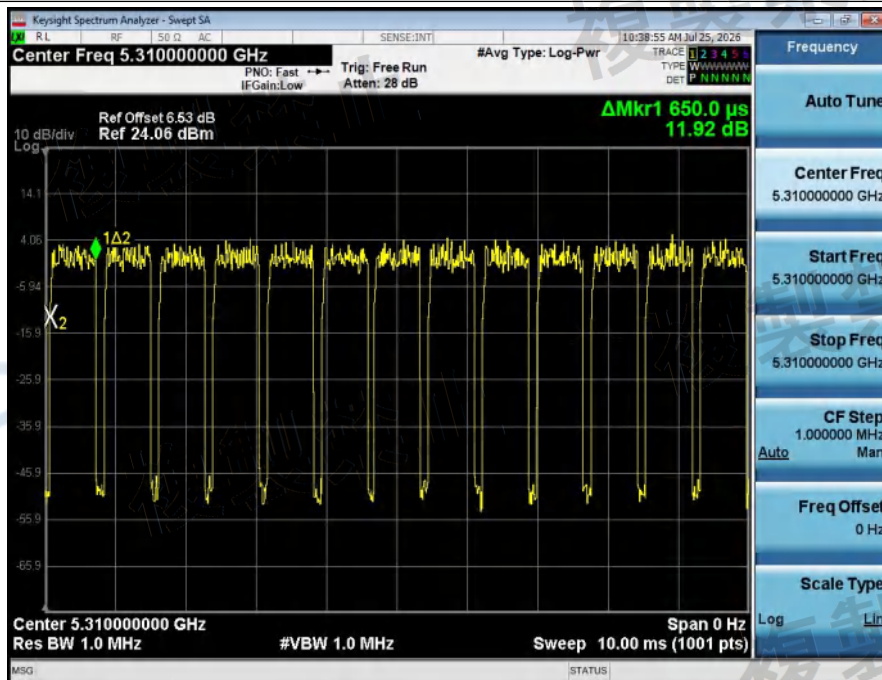
Burst_Length_NVNT_ANT1_802_11ac(VHT20)_5320_20M



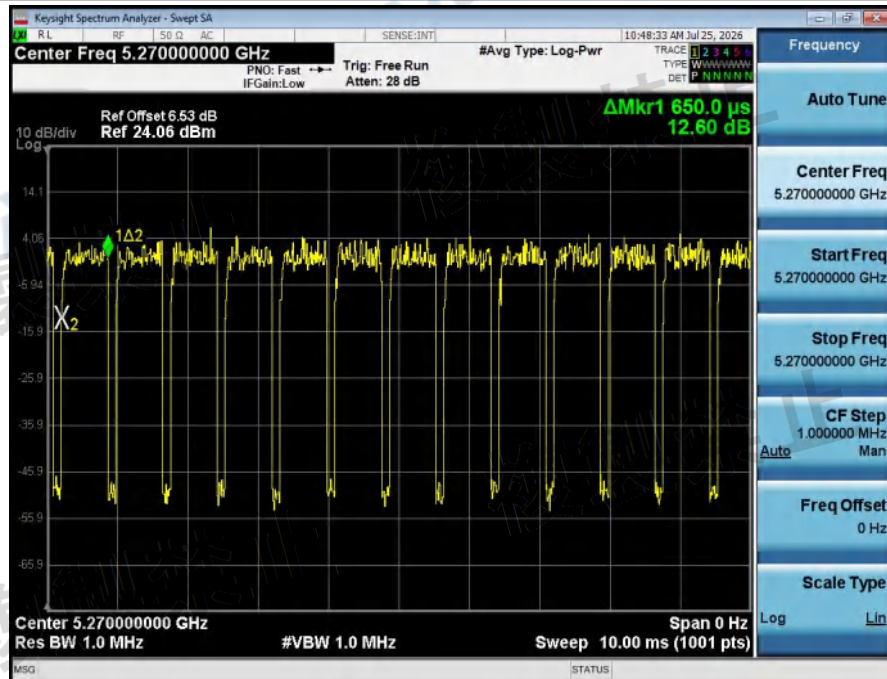
Burst_Length_NVNT_ANT1_802_11n(HT40)_5270_40M



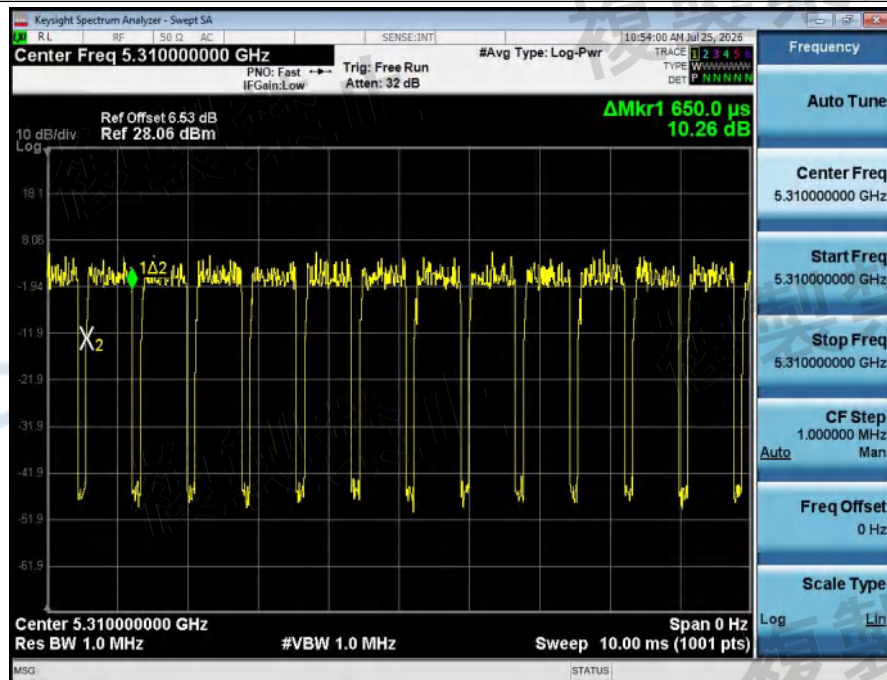
Burst_Length_NVNT_ANT1_802_11n(HT40)_5310_40M



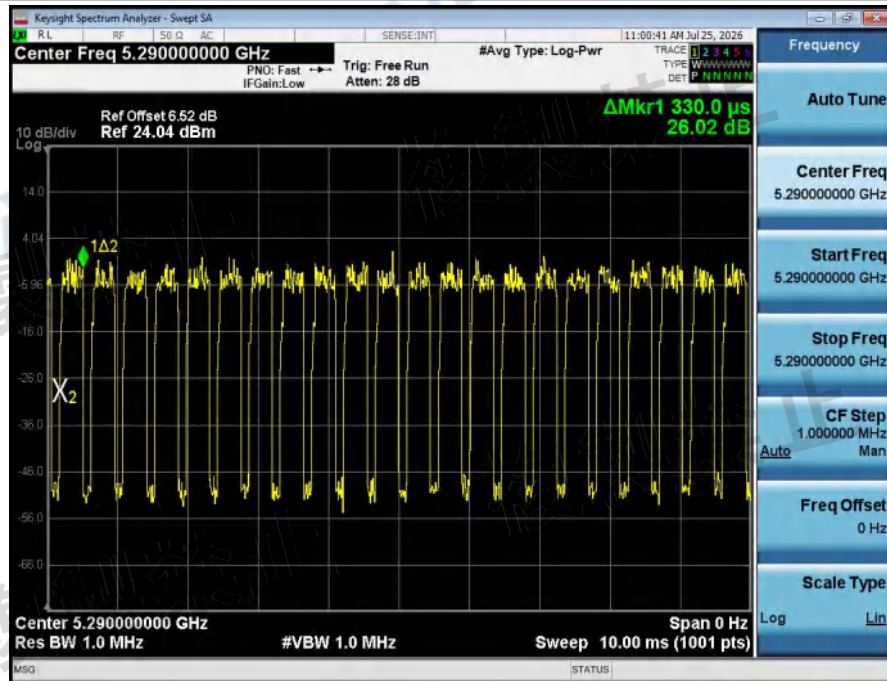
Burst_Length_NVNT_ANT1_802_11ac(VHT40)_5270_40M



Burst_Length_NVNT_ANT1_802_11ac(VHT40)_5310_40M



Burst_Length_NVNT_ANT1_802_11ac(VHT80)_5290_80M



4. RF output power & E.I.R.P.(Without TPC)

Condition	Antenna	Mode	Frequency	Measured Power (dBm)	Antenna Power (mW/MHz)	Rated Power (mW/MHz)	Power Limit (mW/MHz)	Power Tolerance(%)	Tolerance Limit(%)	Result
NVNT	ANT1	802.11a	5260.00	2.04	1.60	2	10.00	-20.02	-80~+20	Pass
NVNT	ANT1	802.11a	5300.00	2.50	1.78	2	10.00	-11.09	-80~+20	Pass
NVNT	ANT1	802.11a	5320.00	2.44	1.75	2	10.00	-12.31	-80~+20	Pass
NVNT	ANT1	802.11n(HT20)	5260.00	1.14	1.30	2	10.00	-34.99	-80~+20	Pass
NVNT	ANT1	802.11n(HT20)	5300.00	1.12	1.29	2	10.00	-35.29	-80~+20	Pass
NVNT	ANT1	802.11n(HT20)	5320.00	1.66	1.47	2	10.00	-26.72	-80~+20	Pass
NVNT	ANT1	802.11ac(VHT20)	5260.00	1.38	1.37	2	10.00	-31.30	-80~+20	Pass
NVNT	ANT1	802.11ac(VHT20)	5300.00	1.13	1.30	2	10.00	-35.14	-80~+20	Pass
NVNT	ANT1	802.11ac(VHT20)	5320.00	1.59	1.44	2	10.00	-27.89	-80~+20	Pass
NVNT	ANT1	802.11n(HT40)	5270.00	-1.87	0.65	2	5.00	-67.49	-80~+20	Pass
NVNT	ANT1	802.11n(HT40)	5310.00	-1.95	0.64	2	5.00	-68.09	-80~+20	Pass
NVNT	ANT1	802.11ac(VHT40)	5270.00	-1.28	0.74	2	5.00	-62.76	-80~+20	Pass
NVNT	ANT1	802.11ac(VHT40)	5310.00	-1.24	0.75	2	5.00	-62.42	-80~+20	Pass
NVNT	ANT1	802.11ac(VHT80)	5290.00	-3.50	0.45	1	2.50	-55.33	-80~+20	Pass

Condition	Antenna	Mode	Frequency	Measured Power(dBm/MHz)	Antenna Gain(dBi)	EIRP (dBm/MHz)	EIRP (mW/MHz)	EIRP Limit(mW/MHz)	Result
NVNT	ANT1	802.11a	5260.00	2.04	3.07	5.11	3.243	5	Pass
NVNT	ANT1	802.11a	5300.00	2.5	3.07	5.57	3.606	5	Pass
NVNT	ANT1	802.11a	5320.00	2.44	3.07	5.51	3.556	5	Pass
NVNT	ANT1	802.11n(HT20)	5260.00	1.14	3.07	4.21	2.636	5	Pass
NVNT	ANT1	802.11n(HT20)	5300.00	1.12	3.07	4.19	2.624	5	Pass
NVNT	ANT1	802.11n(HT20)	5320.00	1.66	3.07	4.73	2.972	5	Pass
NVNT	ANT1	802.11ac(VHT20)	5260.00	1.38	3.07	4.45	2.786	5	Pass
NVNT	ANT1	802.11ac(VHT20)	5300.00	1.13	3.07	4.20	2.630	5	Pass
NVNT	ANT1	802.11ac(VHT20)	5320.00	1.59	3.07	4.66	2.924	5	Pass
NVNT	ANT1	802.11n(HT40)	5270.00	-1.87	3.07	1.20	1.318	2.50	Pass
NVNT	ANT1	802.11n(HT40)	5310.00	-1.95	3.07	1.12	1.294	2.50	Pass
NVNT	ANT1	802.11ac(VHT40)	5270.00	-1.28	3.07	1.79	1.510	2.50	Pass
NVNT	ANT1	802.11ac(VHT40)	5310.00	-1.24	3.07	1.83	1.524	2.50	Pass
NVNT	ANT1	802.11ac(VHT80)	5290.00	-3.5	3.07	-0.43	0.906	1.25	Pass

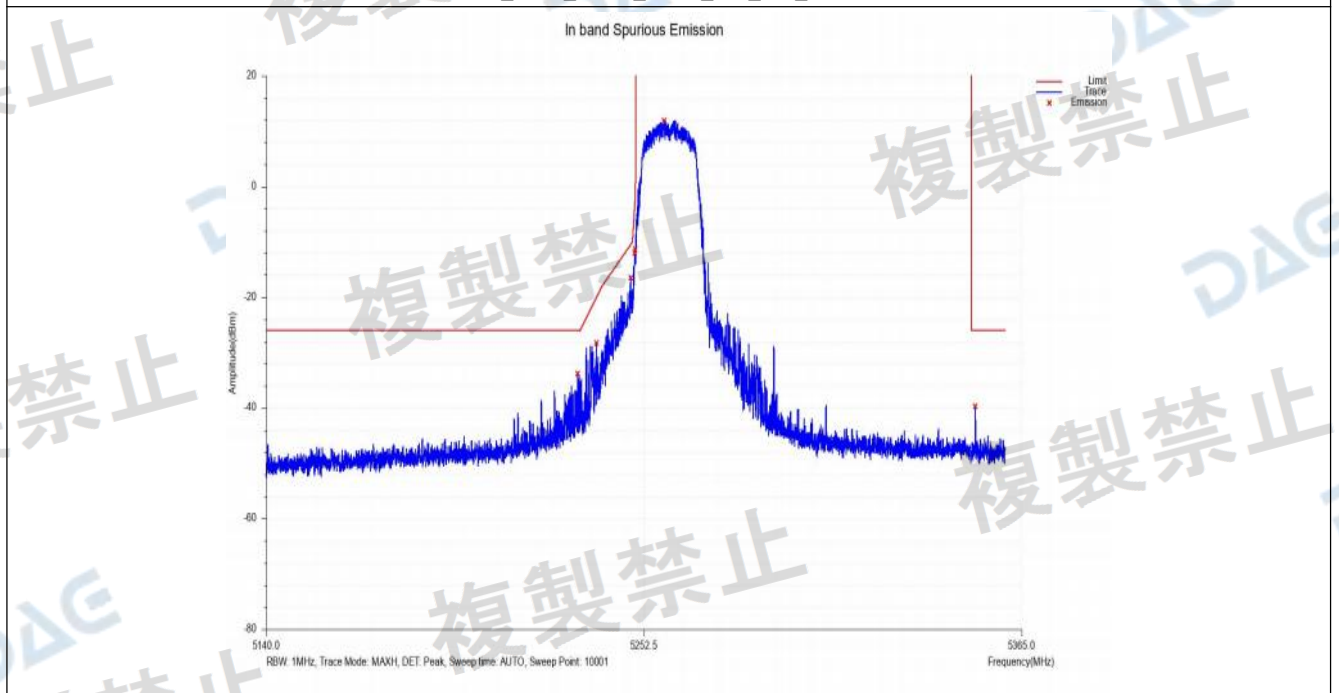
5. Spurious Emissions

Condition	Mode	TX Freq. (MHz)	Freq Range (MHz)	Spur. Freq. (MHz)	Amplitude (dBm/MHz)	Limit (dBm/MHz)	Spur. Level	Limit	Result
NVNT	802.11a	5260.00	5140.0~5233.3	5232.700	-33.77	-26.00	0.4192μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5260.00	5233.3~5240.0	5238.257	-28.27	-20.09	1.488636μW/MHz	0.009793mW/MHz	Pass
NVNT	802.11a	5260.00	5240.0~5249.0	5248.563	-16.52	-10.39	0.022307mW/MHz	0.091435mW/MHz	Pass
NVNT	802.11a	5260.00	5249.0~5249.8	5249.733	-11.99	-2.67	0.063306mW/MHz	0.540132mW/MHz	Pass
NVNT	802.11a	5260.00	5249.8~5250.0	5249.913	-11.30	1.00	0.074188mW/MHz	1.258925mW/MHz	Pass
NVNT	802.11a	5260.00	5350.0~5360.0	5351.185	-39.72	-26.00	0.1065μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5260.00	30.0~5140.0	5139.625	-46.05	-26.00	0.0248μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5260.00	5360.0~10000.0	5374.917	-42.51	-26.00	0.0561μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5260.00	10000.0~26000.0	15776.000	-37.68	-26.00	0.1706μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5300.00	5140.0~5233.3	5226.535	-40.85	-26.00	0.0822μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5300.00	5233.3~5240.0	5236.930	-42.98	-21.68	0.050293μW/MHz	0.006786mW/MHz	Pass
NVNT	802.11a	5300.00	5240.0~5249.0	5248.967	-42.83	-10.03	0.000052mW/MHz	0.099337mW/MHz	Pass
NVNT	802.11a	5300.00	5249.0~5249.8	5249.530	-43.81	-4.70	0.000042mW/MHz	0.338844mW/MHz	Pass
NVNT	802.11a	5300.00	5249.8~5250.0	5249.823	-44.49	-1.40	0.000036mW/MHz	0.724436mW/MHz	Pass
NVNT	802.11a	5300.00	5350.0~5360.0	5355.618	-41.24	-26.00	0.0752μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5300.00	30.0~5140.0	3064.868	-45.81	-26.00	0.0262μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5300.00	5360.0~10000.0	5367.938	-43.92	-26.00	0.0405μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5300.00	10000.0~26000.0	15910.400	-35.23	-26.00	0.3001μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5320.00	5140.0~5233.3	5209.345	-45.92	-26.00	0.0255μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5320.00	5233.3~5240.0	5238.708	-45.75	-19.55	0.026631μW/MHz	0.011089mW/MHz	Pass
NVNT	802.11a	5320.00	5240.0~5249.0	5246.065	-45.55	-12.61	0.000028mW/MHz	0.054842mW/MHz	Pass
NVNT	802.11a	5320.00	5249.0~5249.8	5249.462	-45.53	-5.38	0.000028mW/MHz	0.290068mW/MHz	Pass
NVNT	802.11a	5320.00	5249.8~5250.0	5249.800	-46.80	-2.00	0.000021mW/MHz	0.630957mW/MHz	Pass
NVNT	802.11a	5320.00	5350.0~5360.0	5350.083	-29.79	-26.00	1.0489μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5320.00	30.0~5140.0	3693.975	-45.59	-26.00	0.0276μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5320.00	5360.0~10000.0	5360.959	-40.00	-26.00	0.0999μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5320.00	10000.0~26000.0	15966.400	-34.04	-26.00	0.3946μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5260.00	5140.0~5233.3	5227.390	-30.76	-26.00	0.8393μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5260.00	5233.3~5240.0	5239.337	-21.99	-18.80	6.321163μW/MHz	0.013198mW/MHz	Pass
NVNT	802.11n(HT20)	5260.00	5240.0~5249.0	5248.967	-10.98	-10.03	0.079872mW/MHz	0.099337mW/MHz	Pass
NVNT	802.11n(HT20)	5260.00	5249.0~5249.8	5249.620	-11.79	-3.80	0.066280mW/MHz	0.416869mW/MHz	Pass
NVNT	802.11n(HT20)	5260.00	5249.8~5250.0	5249.980	-4.70	2.80	0.339120mW/MHz	1.905461mW/MHz	Pass
NVNT	802.11n(HT20)	5260.00	5350.0~5360.0	5354.110	-45.26	-26.00	0.0297μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5260.00	30.0~5140.0	2666.068	-45.52	-26.00	0.0280μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5260.00	5360.0~10000.0	5382.893	-44.08	-26.00	0.0390μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5260.00	10000.0~26000.0	15769.600	-37.74	-26.00	0.1682μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5300.00	5140.0~5233.3	5225.387	-36.78	-26.00	0.2098μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5300.00	5233.3~5240.0	5239.698	-40.01	-18.36	0.099777μW/MHz	0.014578mW/MHz	Pass
NVNT	802.11n(HT20)	5300.00	5240.0~5249.0	5240.080	-42.67	-17.93	0.000054mW/MHz	0.016111mW/MHz	Pass
NVNT	802.11n(HT20)	5300.00	5249.0~5249.8	5249.688	-39.58	-3.13	0.000110mW/MHz	0.486968mW/MHz	Pass
NVNT	802.11n(HT20)	5300.00	5249.8~5250.0	5249.980	-46.07	2.80	0.000025mW/MHz	1.905461mW/MHz	Pass
NVNT	802.11n(HT20)	5300.00	5350.0~5360.0	5352.985	-38.84	-26.00	0.1307μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5300.00	30.0~5140.0	5116.694	-45.43	-26.00	0.0286μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5300.00	5360.0~10000.0	5379.902	-44.69	-26.00	0.0339μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5300.00	10000.0~26000.0	15902.400	-35.74	-26.00	0.2669μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5320.00	5140.0~5233.3	5219.132	-46.31	-26.00	0.0233μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5320.00	5233.3~5240.0	5234.118	-45.00	-25.06	0.031629μW/MHz	0.003120mW/MHz	Pass
NVNT	802.11n(HT20)	5320.00	5240.0~5249.0	5241.722	-45.45	-16.47	0.000028mW/MHz	0.022548mW/MHz	Pass

NVNT	802.11n(HT20)	5320.00	5249.0~5249.8	5249.778	-46.83	-2.22	0.000021mW/MHz	0.599101mW/MHz	Pass
NVNT	802.11n(HT20)	5320.00	5249.8~5250.0	5249.980	-46.59	2.80	0.000022mW/MHz	1.905461mW/MHz	Pass
NVNT	802.11n(HT20)	5320.00	5350.0~5360.0	5352.805	-28.46	-26.00	1.4268μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5320.00	30.0~5140.0	2650.116	-46.10	-26.00	0.0245μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5320.00	5360.0~10000.0	5374.917	-42.15	-26.00	0.0609μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5320.00	10000.0~26000.0	15953.600	-37.72	-26.00	0.1692μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5260.00	5140.0~5233.3	5231.035	-33.21	-26.00	0.4776μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5260.00	5233.3~5240.0	5239.248	-24.15	-18.90	3.844776μW/MHz	0.012874mW/MHz	Pass
NVNT	802.11ac(VHT20)	5260.00	5240.0~5249.0	5243.658	-15.50	-14.75	0.028160mW/MHz	0.033505mW/MHz	Pass
NVNT	802.11ac(VHT20)	5260.00	5249.0~5249.8	5249.778	-10.32	-2.22	0.092804mW/MHz	0.599101mW/MHz	Pass
NVNT	802.11ac(VHT20)	5260.00	5249.8~5250.0	5249.935	-7.39	1.60	0.182446mW/MHz	1.445440mW/MHz	Pass
NVNT	802.11ac(VHT20)	5260.00	5350.0~5360.0	5355.190	-45.80	-26.00	0.0263μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5260.00	30.0~5140.0	3677.026	-45.83	-26.00	0.0261μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5260.00	5360.0~10000.0	5372.923	-45.24	-26.00	0.0299μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5260.00	10000.0~26000.0	15777.600	-37.82	-26.00	0.1651μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5300.00	5140.0~5233.3	5226.602	-42.67	-26.00	0.0540μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5300.00	5233.3~5240.0	5239.855	-44.76	-18.17	0.033429μW/MHz	0.015226mW/MHz	Pass
NVNT	802.11ac(VHT20)	5300.00	5240.0~5249.0	5244.962	-42.78	-13.59	0.000053mW/MHz	0.043763mW/MHz	Pass
NVNT	802.11ac(VHT20)	5300.00	5249.0~5249.8	5249.552	-44.95	-4.48	0.000032mW/MHz	0.356862mW/MHz	Pass
NVNT	802.11ac(VHT20)	5300.00	5249.8~5250.0	5249.845	-46.50	-0.80	0.000022mW/MHz	0.831764mW/MHz	Pass
NVNT	802.11ac(VHT20)	5300.00	5350.0~5360.0	5350.915	-43.18	-26.00	0.0481μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5300.00	30.0~5140.0	2583.317	-45.62	-26.00	0.0274μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5300.00	5360.0~10000.0	5367.938	-44.67	-26.00	0.0340μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5300.00	10000.0~26000.0	15900.800	-36.44	-26.00	0.2267μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5320.00	5140.0~5233.3	5230.270	-45.74	-26.00	0.0266μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5320.00	5233.3~5240.0	5238.640	-45.42	-19.63	0.028731μW/MHz	0.010884mW/MHz	Pass
NVNT	802.11ac(VHT20)	5320.00	5240.0~5249.0	5247.932	-44.73	-10.95	0.000034mW/MHz	0.080373mW/MHz	Pass
NVNT	802.11ac(VHT20)	5320.00	5249.0~5249.8	5249.440	-45.90	-5.60	0.000026mW/MHz	0.275423mW/MHz	Pass
NVNT	802.11ac(VHT20)	5320.00	5249.8~5250.0	5249.980	-46.46	2.80	0.000023mW/MHz	1.905461mW/MHz	Pass
NVNT	802.11ac(VHT20)	5320.00	5350.0~5360.0	5353.390	-33.81	-26.00	0.4156μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5320.00	30.0~5140.0	2533.467	-45.97	-26.00	0.0252μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5320.00	5360.0~10000.0	5404.827	-44.40	-26.00	0.0363μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5320.00	10000.0~26000.0	15960.000	-35.97	-26.00	0.2529μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5270.00	5100.0~5221.6	5216.880	-35.66	-26.00	0.2716μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5270.00	5221.6~5230.0	5227.140	-34.85	-22.73	0.000327mW/MHz	0.005338mW/MHz	Pass
NVNT	802.11n(HT40)	5270.00	5230.0~5249.0	5241.930	-20.01	-15.99	0.009984mW/MHz	0.025193mW/MHz	Pass
NVNT	802.11n(HT40)	5270.00	5249.0~5250.0	5249.820	-15.26	-4.81	0.029754mW/MHz	0.330347mW/MHz	Pass
NVNT	802.11n(HT40)	5270.00	5350.0~5358.4	5354.190	-39.39	-18.00	0.1150μW/MHz	15μW/MHz	Pass
NVNT	802.11n(HT40)	5270.00	5358.4~5400.0	5360.520	-39.54	-26.00	0.1111μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5270.00	30.0~5100.0	3631.164	-45.11	-26.00	0.0308μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5270.00	5400.0~10000.0	5819.579	-45.75	-26.00	0.0266μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5270.00	10000.0~26000.0	15817.600	-41.08	-26.00	0.0778μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5310.00	5100.0~5221.6	5202.870	-41.87	-26.00	0.0650μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5310.00	5221.6~5230.0	5229.300	-39.13	-21.43	0.000122mW/MHz	0.007194mW/MHz	Pass
NVNT	802.11n(HT40)	5310.00	5230.0~5249.0	5244.480	-34.91	-14.91	0.000323mW/MHz	0.032259mW/MHz	Pass
NVNT	802.11n(HT40)	5310.00	5249.0~5250.0	5249.490	-40.54	-8.11	0.000088mW/MHz	0.154515mW/MHz	Pass
NVNT	802.11n(HT40)	5310.00	5350.0~5358.4	5350.560	-24.99	-18.00	3.1675μW/MHz	15μW/MHz	Pass
NVNT	802.11n(HT40)	5310.00	5358.4~5400.0	5358.600	-31.30	-26.00	0.7417μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5310.00	30.0~5100.0	2525.491	-46.16	-26.00	0.0242μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5310.00	5400.0~10000.0	5781.693	-44.67	-26.00	0.0340μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5310.00	10000.0~26000.0	15913.600	-40.25	-26.00	0.0945μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5270.00	5100.0~5221.6	5219.070	-35.71	-26.00	0.2688μW/MHz	2.5μW/MHz	Pass

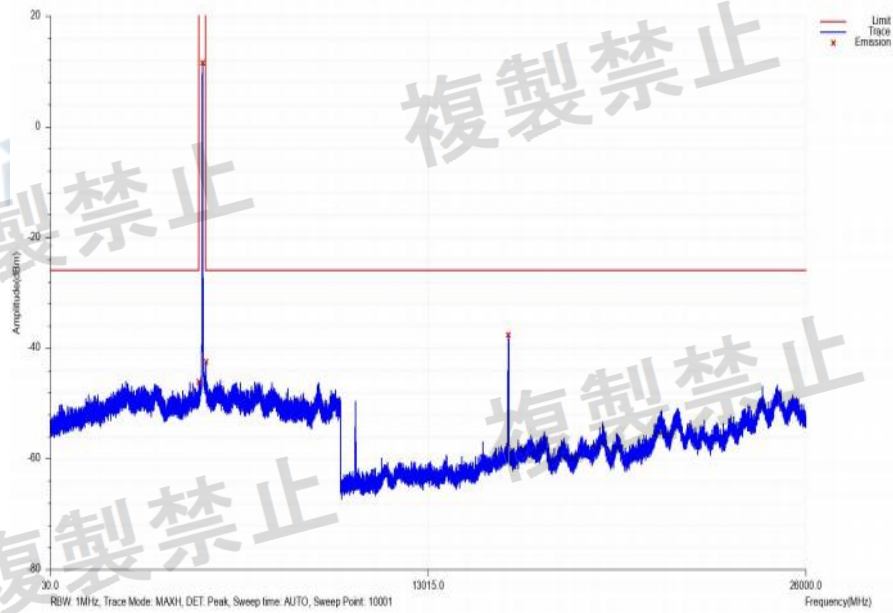
NVNT	802.11ac(VHT40)	5270.00	5221.6~5230.0	5221.950	-34.95	-25.84	0.000320mW/MHz	0.002606mW/MHz	Pass
NVNT	802.11ac(VHT40)	5270.00	5230.0~5249.0	5248.560	-22.59	-13.20	0.005508mW/MHz	0.047912mW/MHz	Pass
NVNT	802.11ac(VHT40)	5270.00	5249.0~5250.0	5249.760	-13.97	-5.41	0.040108mW/MHz	0.287720mW/MHz	Pass
NVNT	802.11ac(VHT40)	5270.00	5350.0~5358.4	5353.410	-43.07	-18.00	0.0492μW/MHz	15μW/MHz	Pass
NVNT	802.11ac(VHT40)	5270.00	5358.4~5400.0	5358.630	-43.75	-26.00	0.0422μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5270.00	30.0~5100.0	2791.690	-44.57	-26.00	0.0348μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5270.00	5400.0~10000.0	5856.468	-45.92	-26.00	0.0255μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5270.00	10000.0~26000.0	15809.600	-41.31	-26.00	0.0739μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5310.00	5100.0~5221.6	5216.940	-45.96	-26.00	0.0253μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5310.00	5221.6~5230.0	5228.370	-45.57	-21.99	0.000028mW/MHz	0.006327mW/MHz	Pass
NVNT	802.11ac(VHT40)	5310.00	5230.0~5249.0	5241.300	-39.16	-16.25	0.000121mW/MHz	0.023701mW/MHz	Pass
NVNT	802.11ac(VHT40)	5310.00	5249.0~5250.0	5249.790	-41.27	-5.11	0.000075mW/MHz	0.308298mW/MHz	Pass
NVNT	802.11ac(VHT40)	5310.00	5350.0~5358.4	5351.820	-28.94	-18.00	1.2754μW/MHz	15μW/MHz	Pass
NVNT	802.11ac(VHT40)	5310.00	5358.4~5400.0	5361.810	-30.39	-26.00	0.9151μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5310.00	30.0~5100.0	3737.843	-45.95	-26.00	0.0254μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5310.00	5400.0~10000.0	5870.426	-45.09	-26.00	0.0309μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5310.00	10000.0~26000.0	15944.000	-40.66	-26.00	0.0859μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5290.00	5100.0~5203.3	5196.026	-32.95	-26.00	0.5066μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5290.00	5203.3~5210.0	5208.756	-31.82	-24.39	0.000658mW/MHz	0.003636mW/MHz	Pass
NVNT	802.11ac(VHT80)	5290.00	5210.0~5249.0	5241.132	-24.82	-17.63	0.003293mW/MHz	0.017240mW/MHz	Pass
NVNT	802.11ac(VHT80)	5290.00	5249.0~5250.0	5249.948	-17.48	-6.54	0.017861mW/MHz	0.221789mW/MHz	Pass
NVNT	802.11ac(VHT80)	5290.00	5350.0~5376.8	5370.066	-27.90	-18.00	1.6215μW/MHz	15μW/MHz	Pass
NVNT	802.11ac(VHT80)	5290.00	5376.8~5480.0	5378.920	-29.10	-26.00	1.2297μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5290.00	30.0~5100.0	3689.987	-45.32	-26.00	0.0293μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5290.00	5480.0~10000.0	7008.003	-45.90	-26.00	0.0257μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5290.00	10000.0~26000.0	15892.800	-41.53	-26.00	0.0703μW/MHz	2.5μW/MHz	Pass

In_band_NVNT_ANT1_802_11a_5260



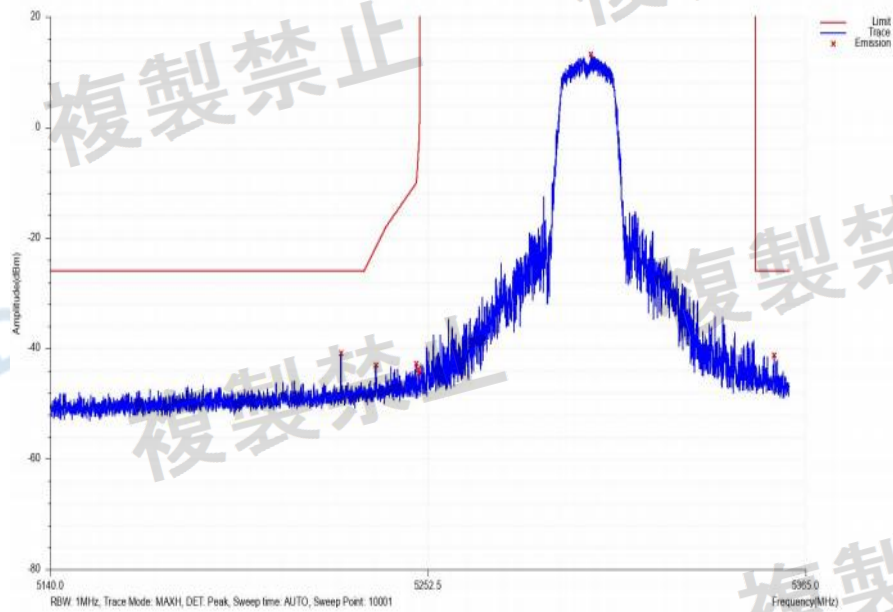
Out_of_band_NVNT_ANT1_802_11a_5260

In band Spurious Emission



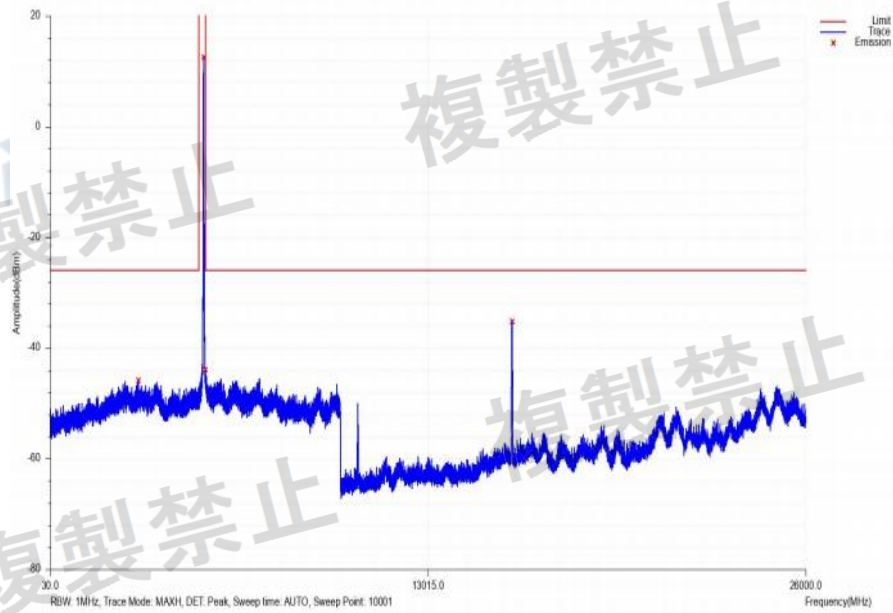
In_band_NVNT_ANT1_802_11a_5300

In band Spurious Emission



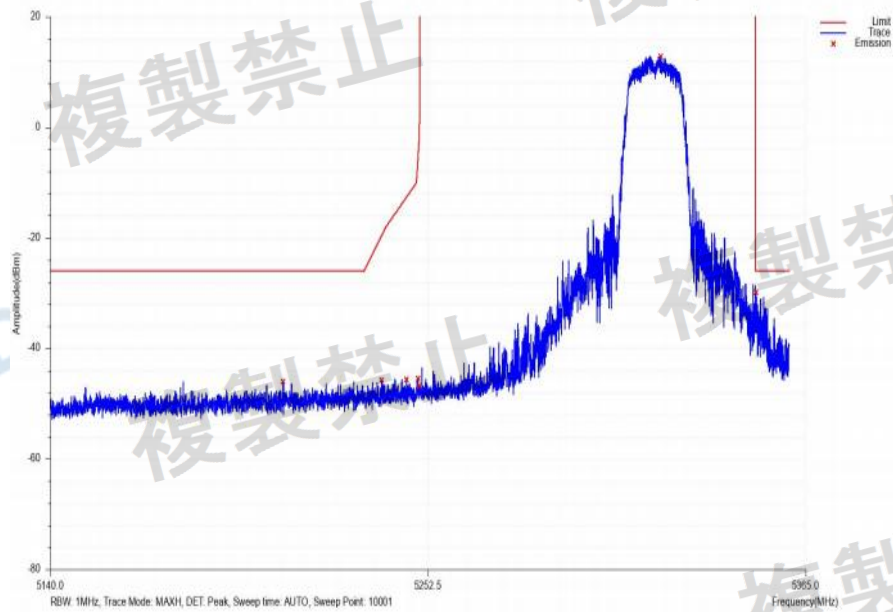
Out_of_band_NVNT_ANT1_802_11a_5300

In band Spurious Emission



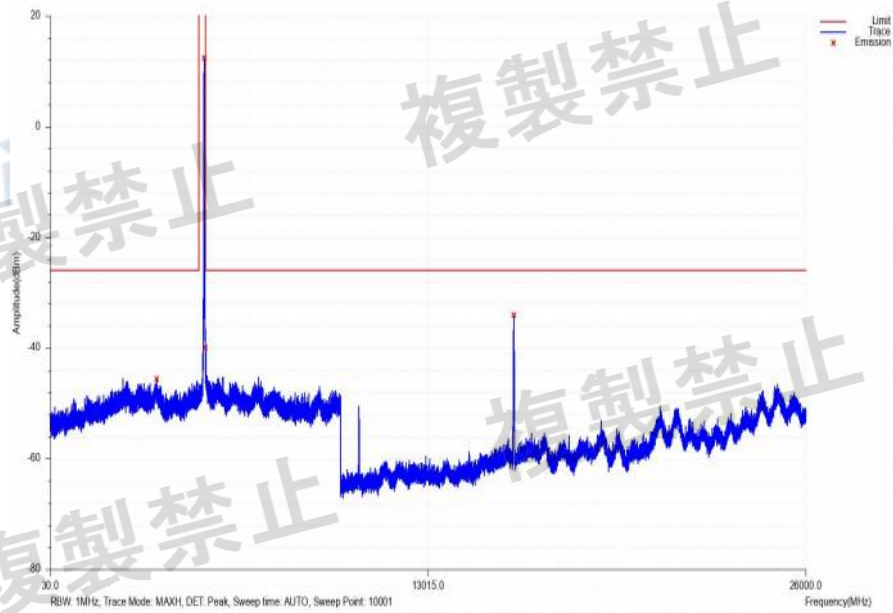
In_band_NVNT_ANT1_802_11a_5320

In band Spurious Emission



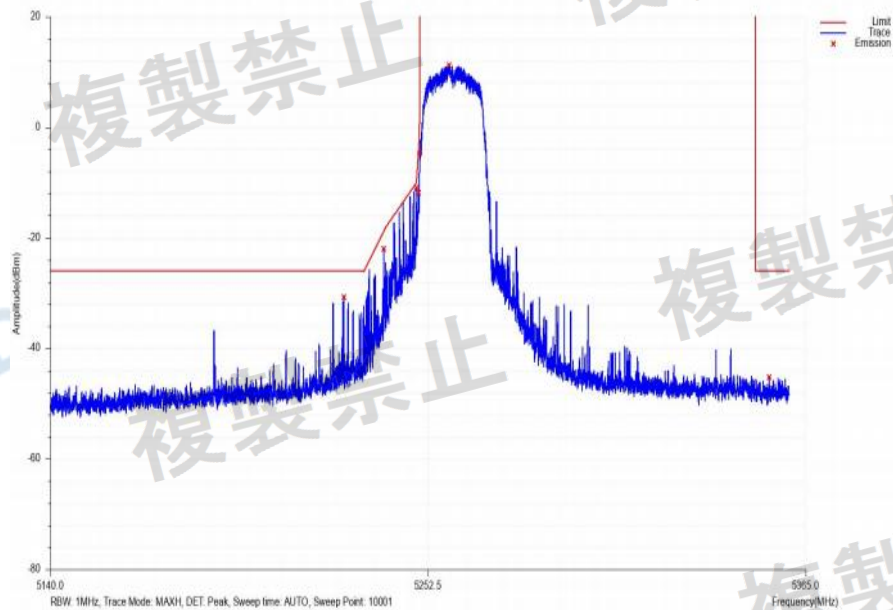
Out_of_band_NVNT_ANT1_802_11a_5320

In band Spurious Emission



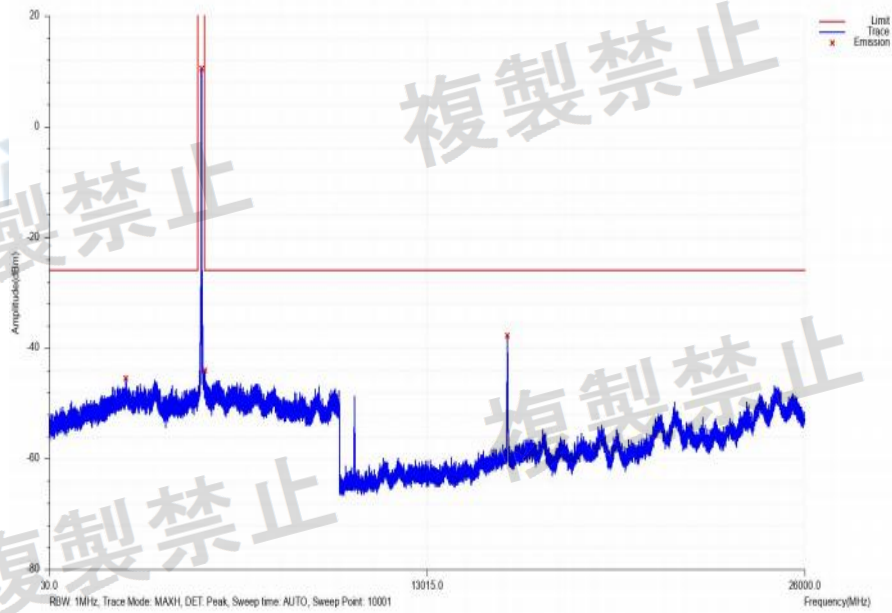
In_band_NVNT_ANT1_802_11n(HT20)_5260

In band Spurious Emission



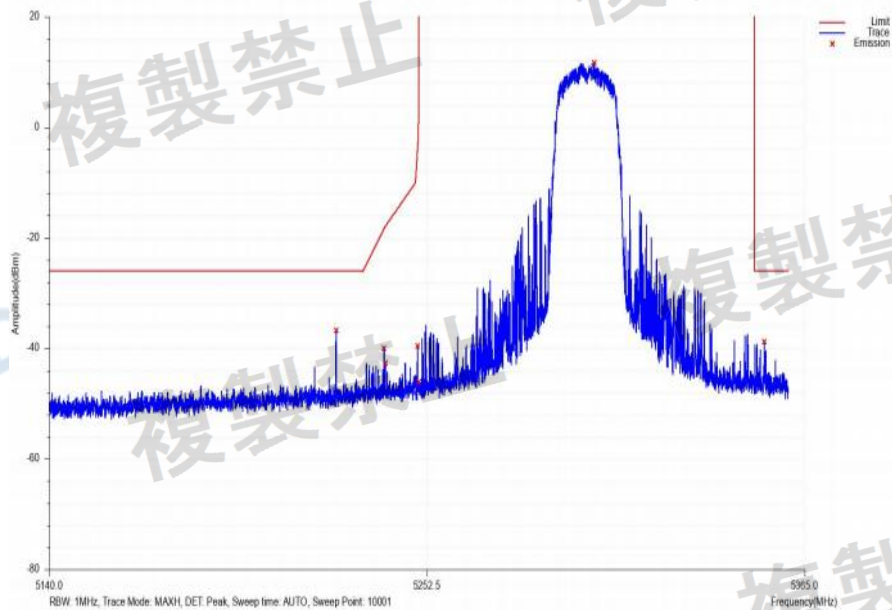
Out_of_band_NVNT_ANT1_802_11n(HT20)_5260

In band Spurious Emission



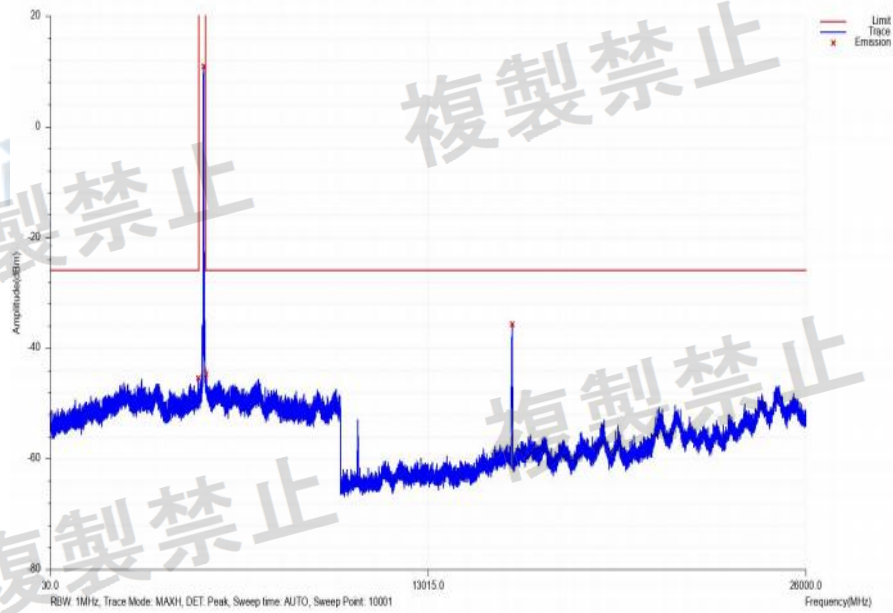
In_band_NVNT_ANT1_802_11n(HT20)_5300

In band Spurious Emission



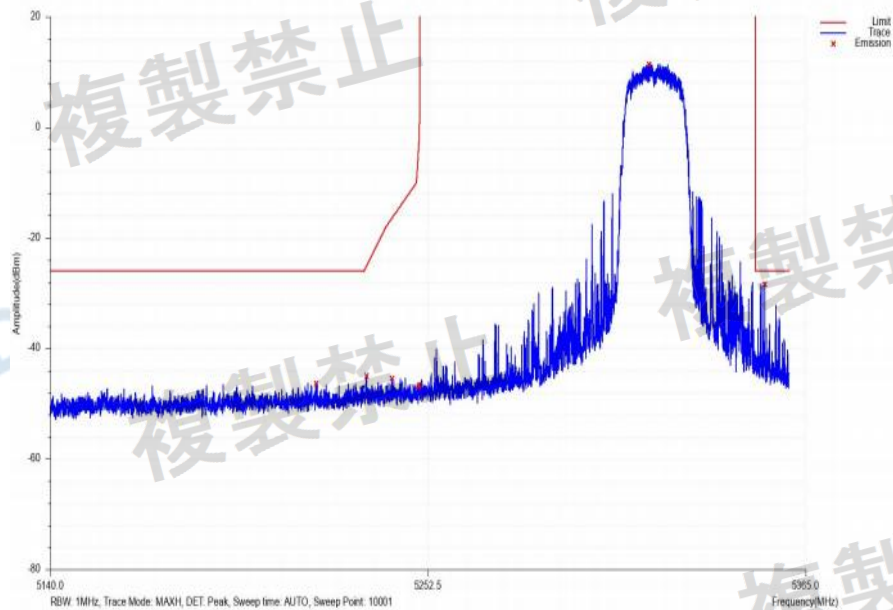
Out_of_band_NVNT_ANT1_802_11n(HT20)_5300

In band Spurious Emission



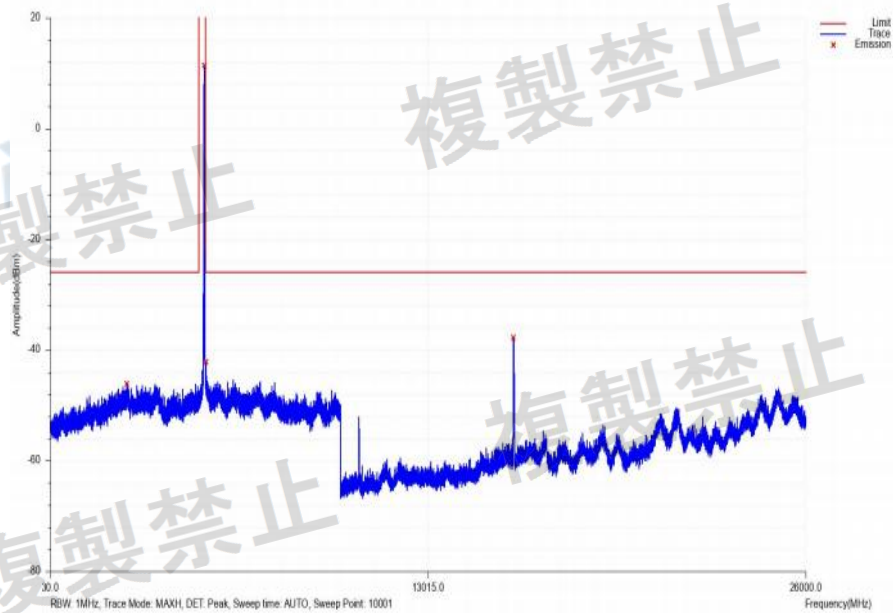
In_band_NVNT_ANT1_802_11n(HT20)_5320

In band Spurious Emission



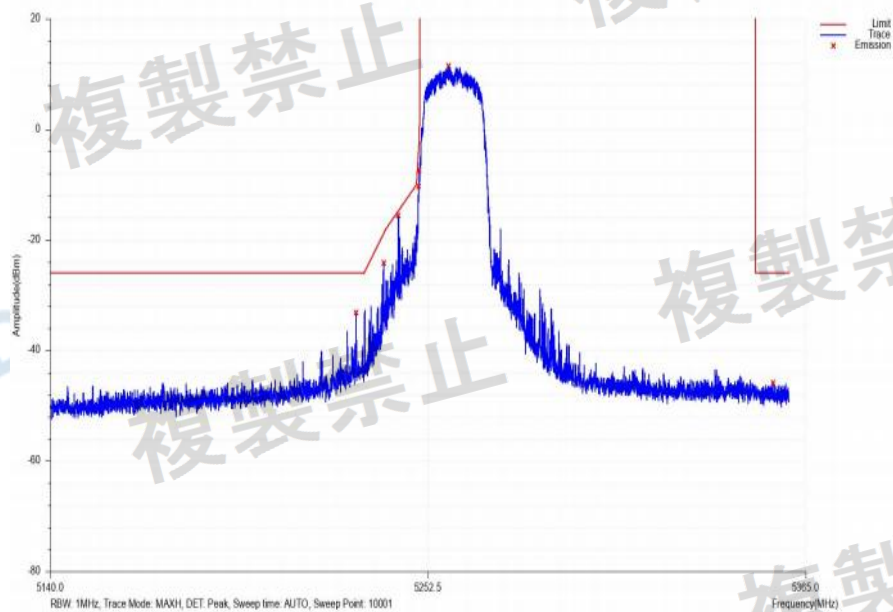
Out_of_band_NVNT_ANT1_802_11n(HT20)_5320

In band Spurious Emission



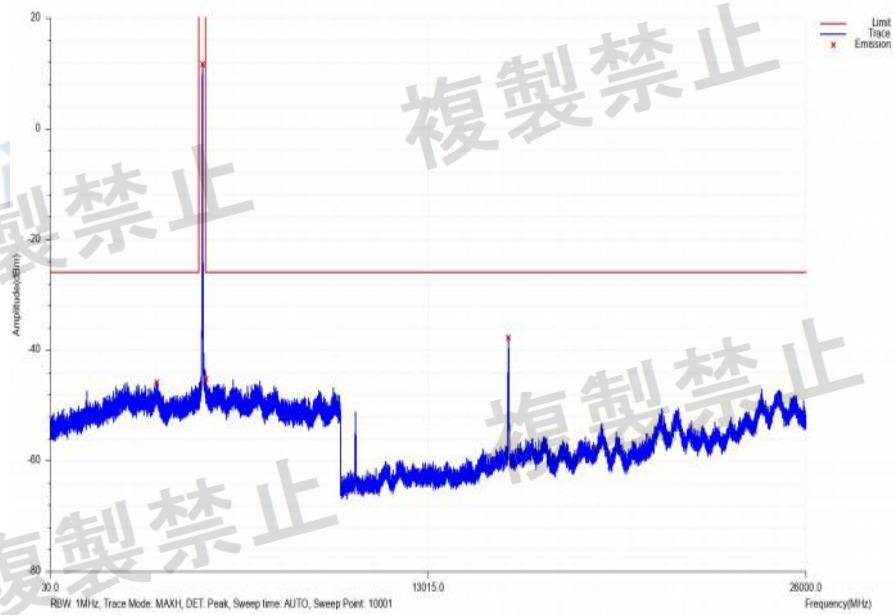
In_band_NVNT_ANT1_802_11ac(VHT20)_5260

In band Spurious Emission



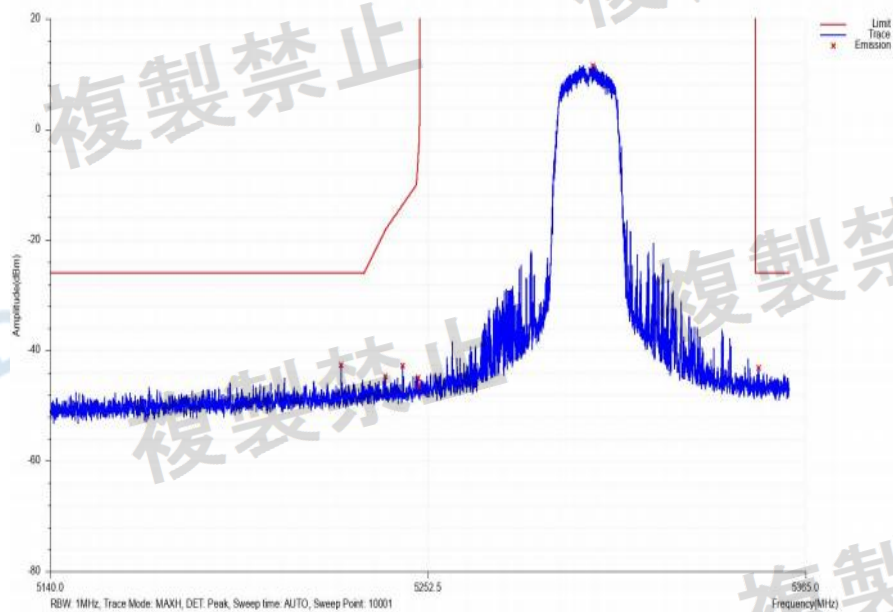
Out_of_band_NVNT_ANT1_802_11ac(VHT20)_5260

In band Spurious Emission



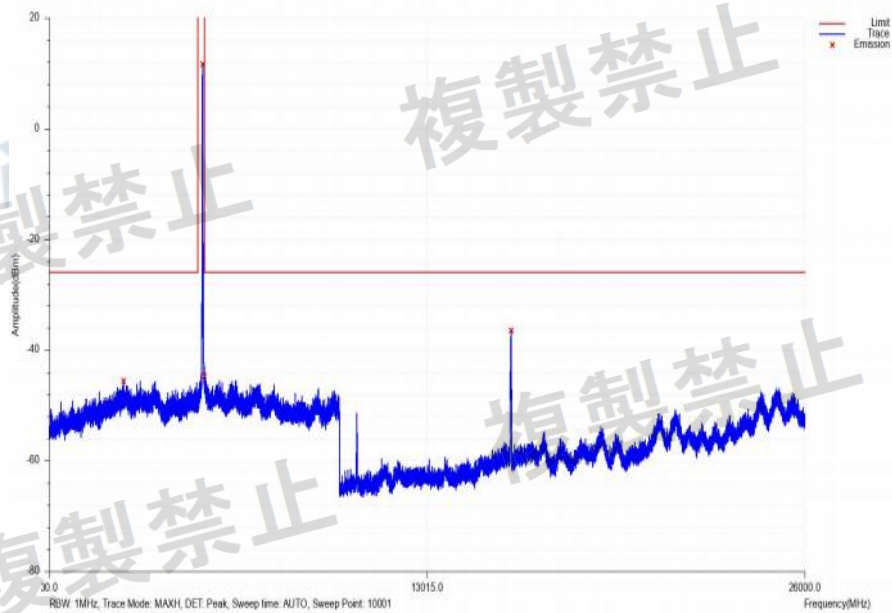
In_band_NVNT_ANT1_802_11ac(VHT20)_5300

In band Spurious Emission



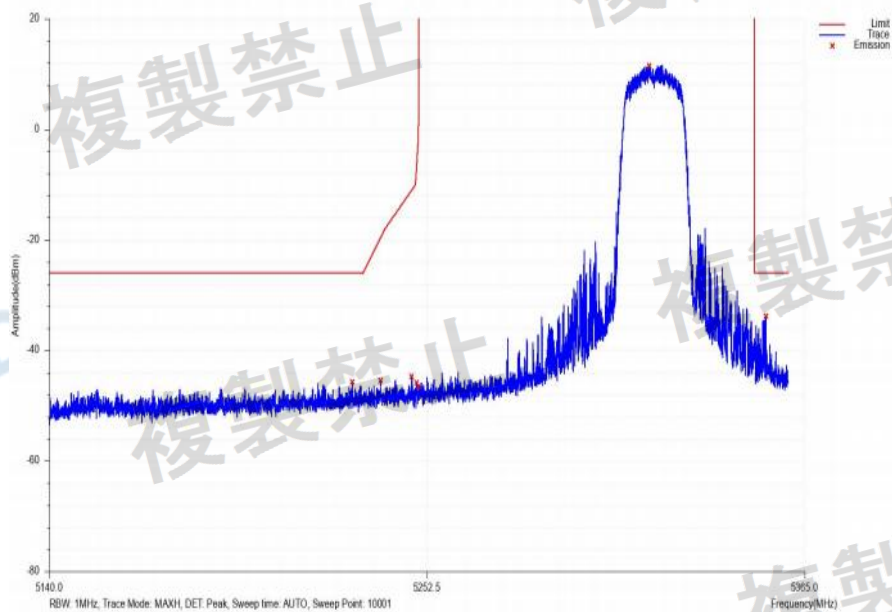
Out_of_band_NVNT_ANT1_802_11ac(VHT20)_5300

In band Spurious Emission



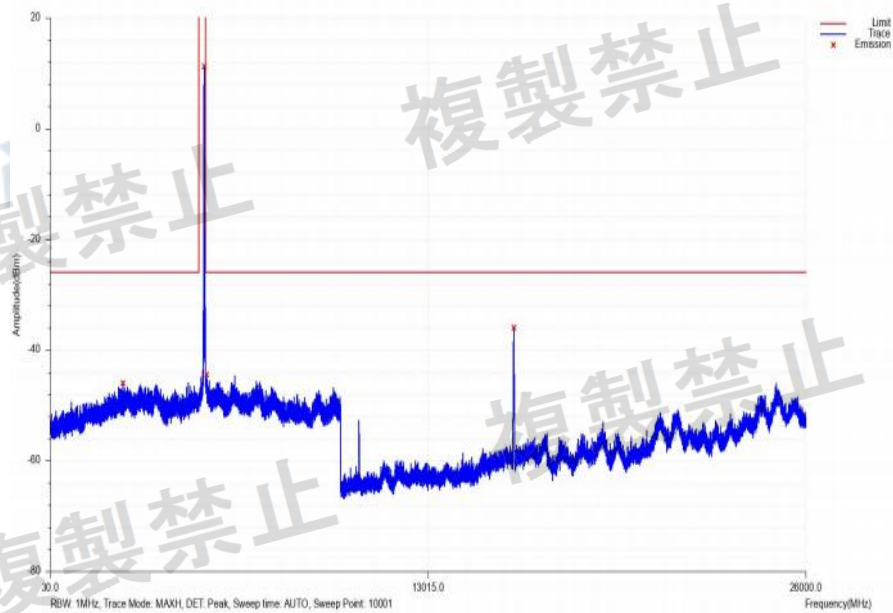
In_band_NVNT_ANT1_802_11ac(VHT20)_5320

In band Spurious Emission



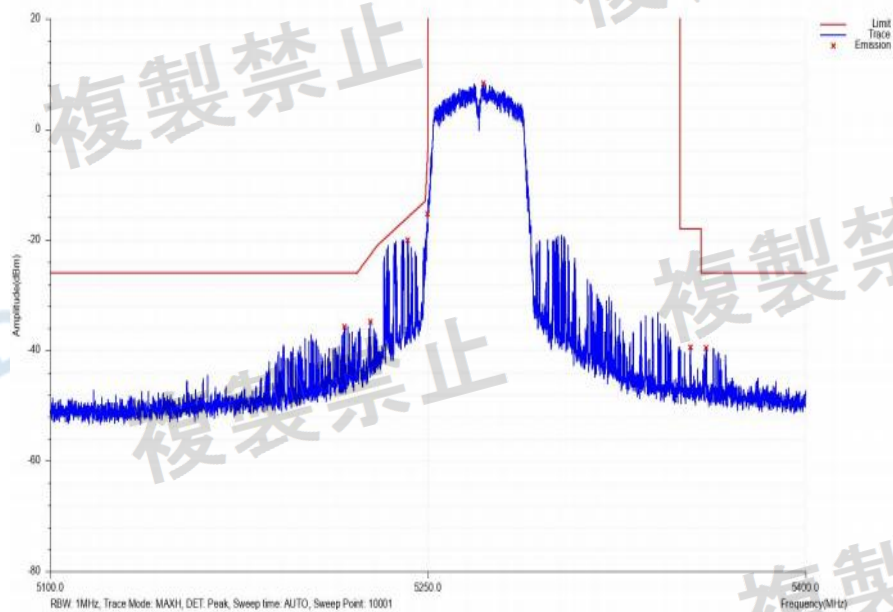
Out_of_band_NVNT_ANT1_802_11ac(VHT20)_5320

In band Spurious Emission



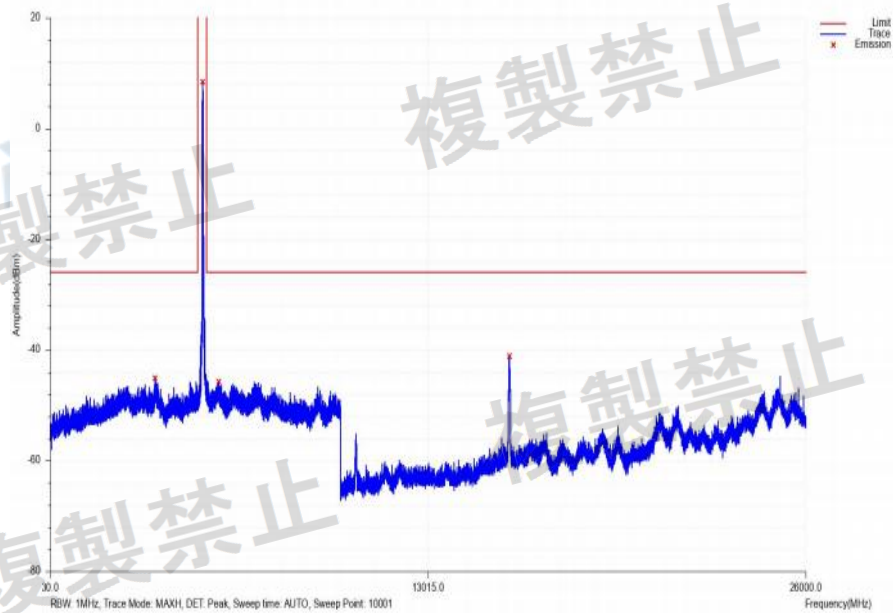
In_band_NVNT_ANT1_802_11n(HT40)_5270

In band Spurious Emission



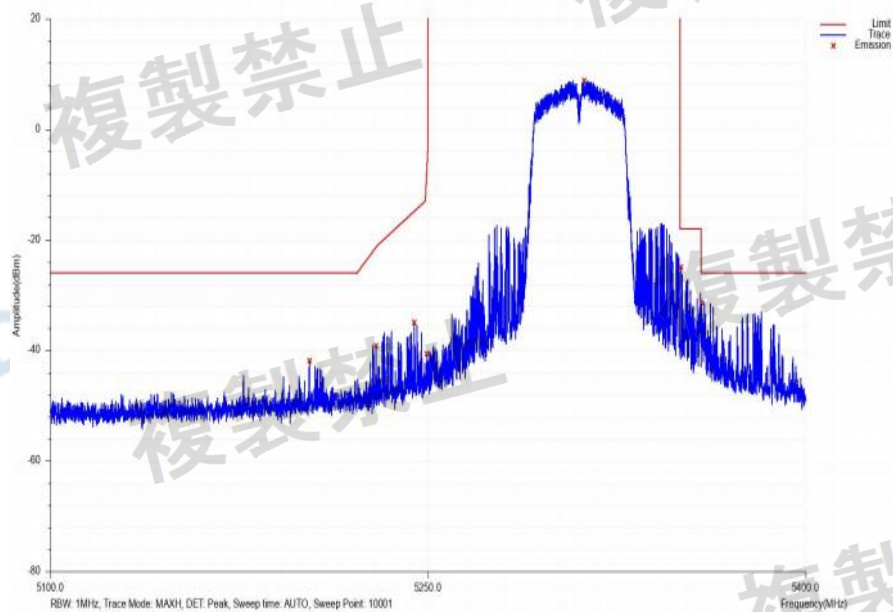
Out_of_band_NVNT_ANT1_802_11n(HT40)_5270

In band Spurious Emission



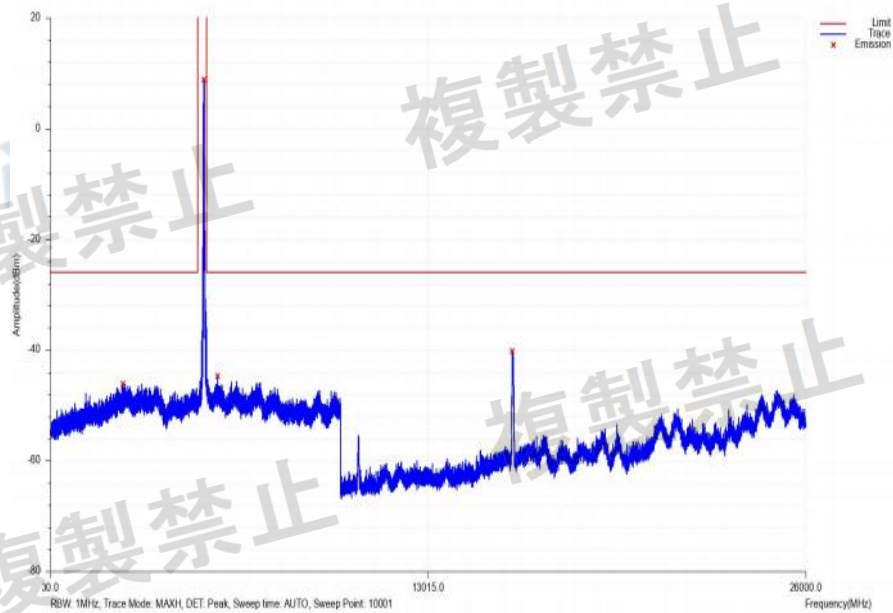
In_band_NVNT_ANT1_802_11n(HT40)_5310

In band Spurious Emission



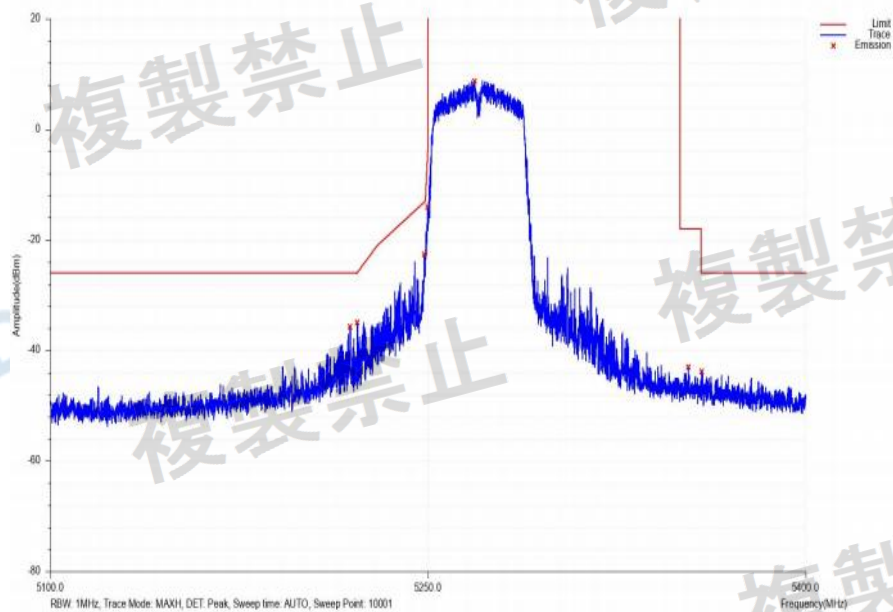
Out_of_band_NVNT_ANT1_802_11n(HT40)_5310

In band Spurious Emission



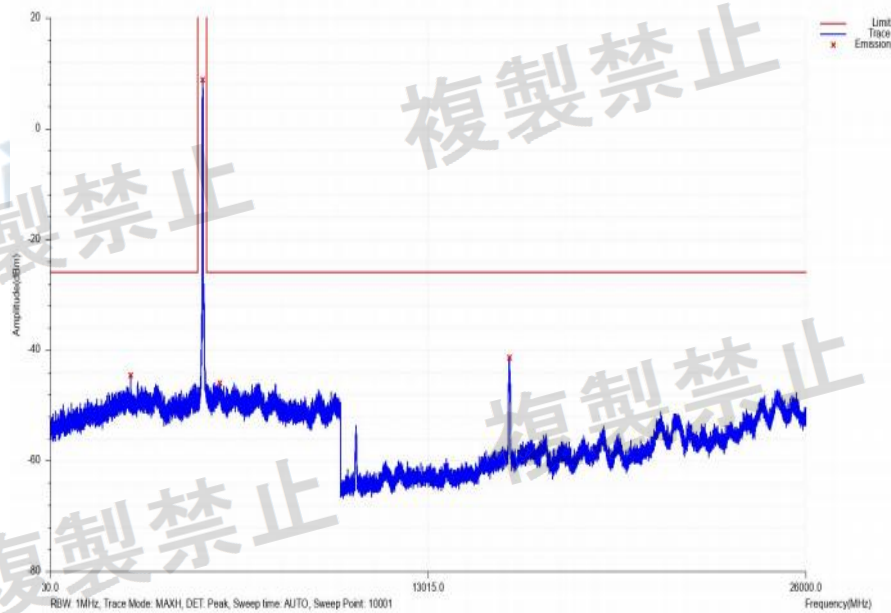
In_band_NVNT_ANT1_802_11ac(VHT40)_5270

In band Spurious Emission



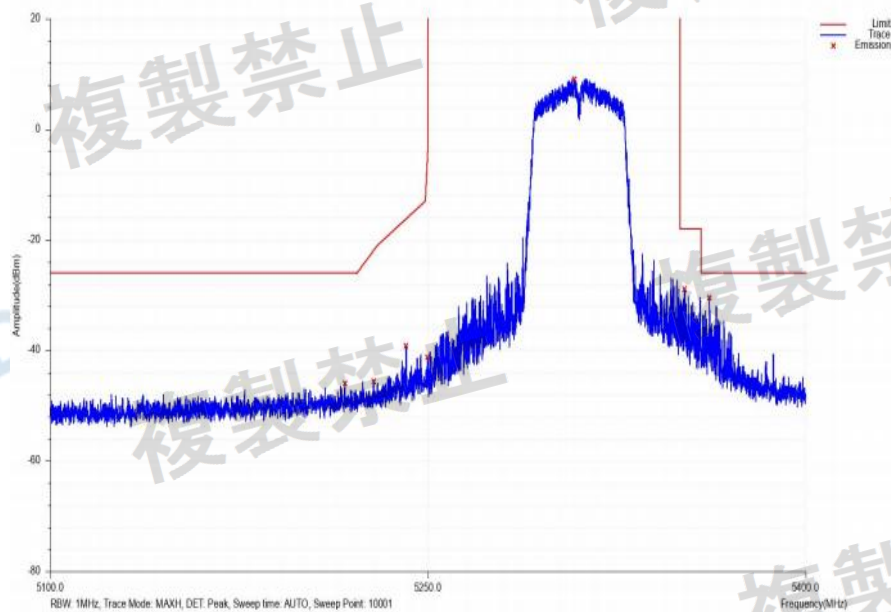
Out_of_band_NVNT_ANT1_802_11ac(VHT40)_5270

In band Spurious Emission



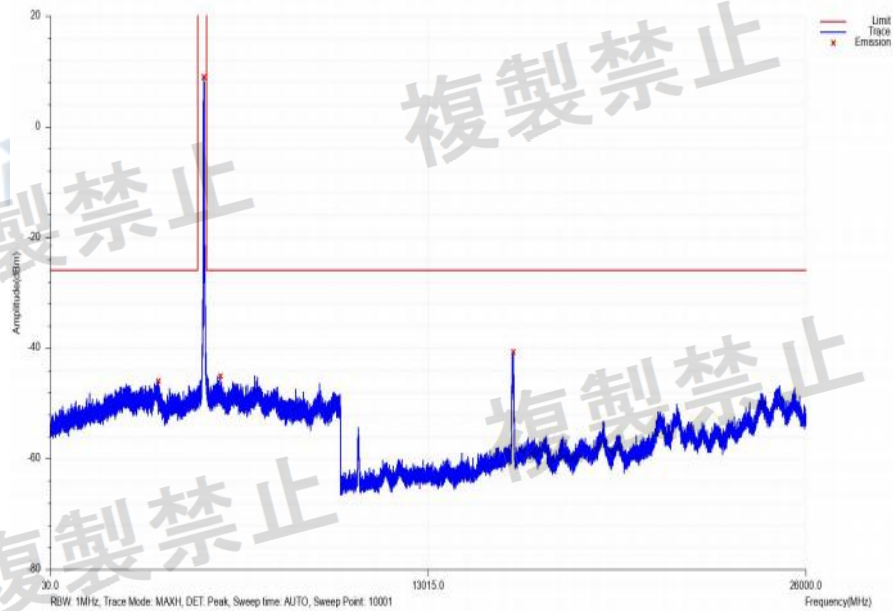
In_band_NVNT_ANT1_802_11ac(VHT40)_5310

In band Spurious Emission



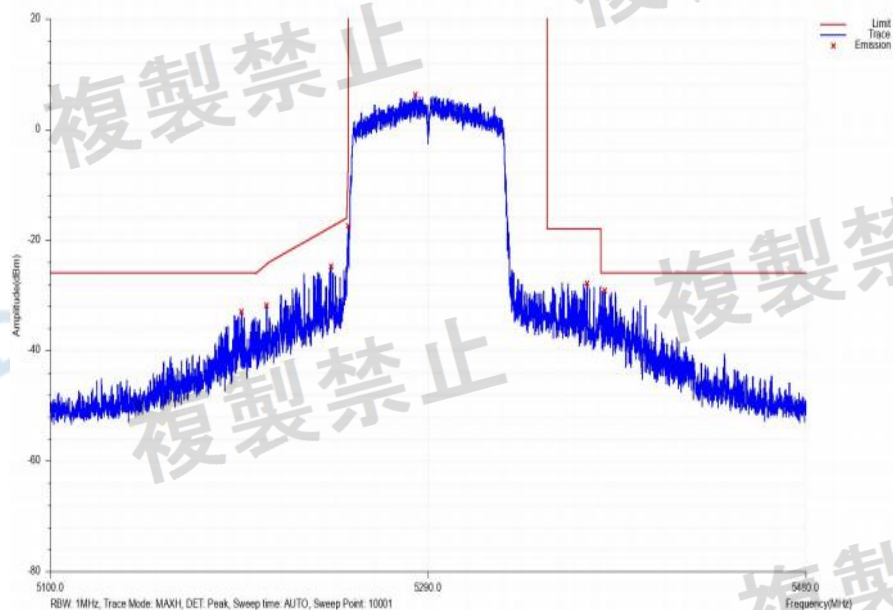
Out_of_band_NVNT_ANT1_802_11ac(VHT40)_5310

In band Spurious Emission



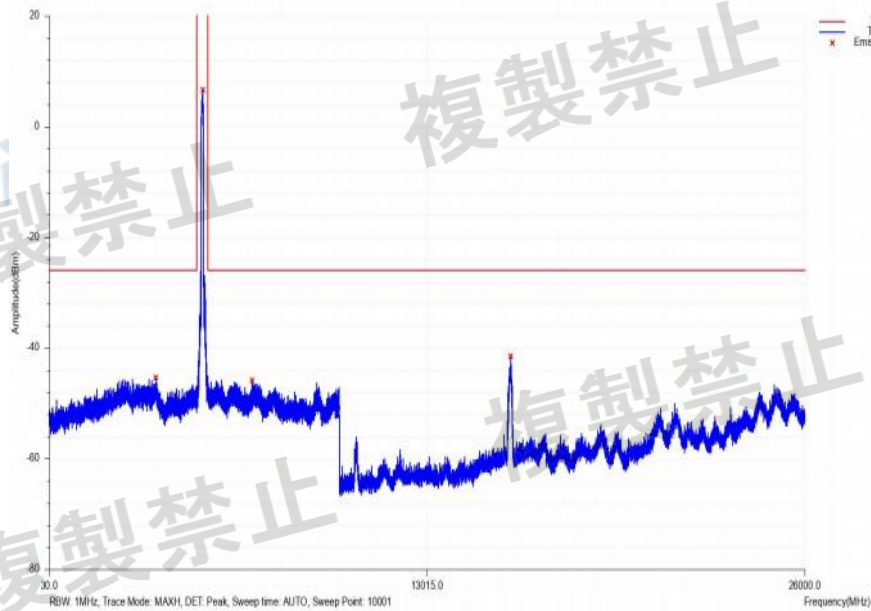
In_band_NVNT_ANT1_802_11ac(VHT80)_5290

In band Spurious Emission



Out_of_band_NVNT_ANT1_802_11ac(VHT80)_5290

In band Spurious Emission

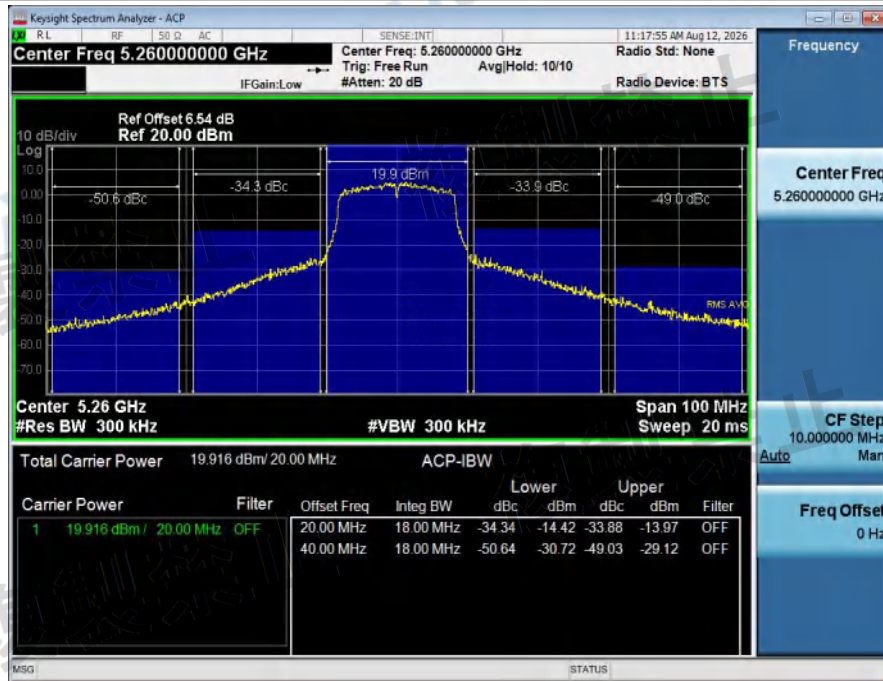


6. ACP Measure

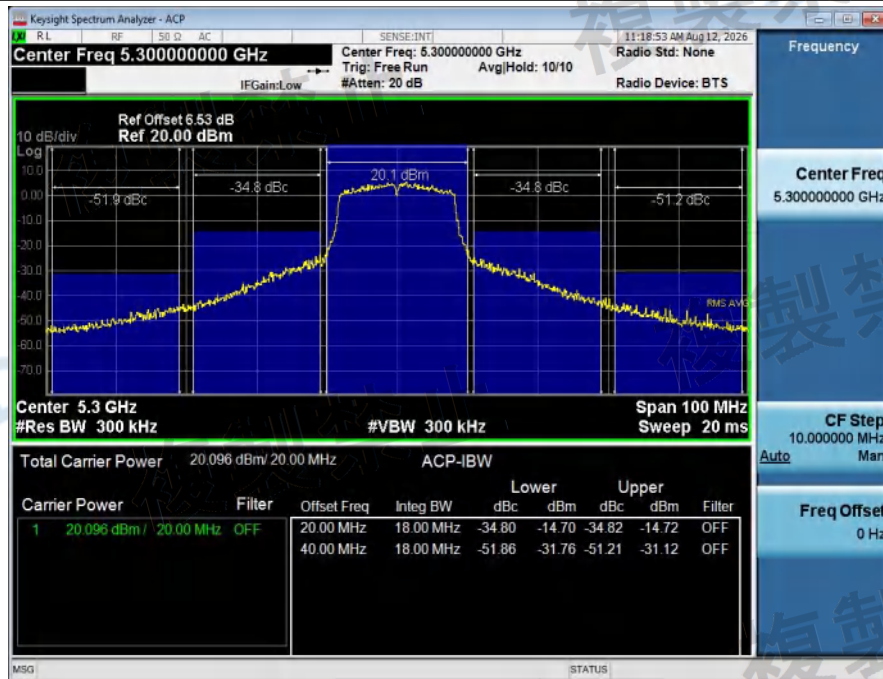
7

Condition	Antenna	Mode	Frequency(MHz)	Frequency Offset(MHz)	Lower Level(dBc)	Upper Level(dBc)	Limit(dBc)	Result
NVNT	ANT1	802.11a	5260.00	20MHz	-34.34	-33.88	-25	Pass
NVNT	ANT1	802.11a	5260.00	40MHz	-50.64	-49.03	-40	Pass
NVNT	ANT1	802.11a	5300.00	20MHz	-34.80	-34.82	-25	Pass
NVNT	ANT1	802.11a	5300.00	40MHz	-51.86	-51.21	-40	Pass
NVNT	ANT1	802.11a	5320.00	20MHz	-35.28	-34.83	-25	Pass
NVNT	ANT1	802.11a	5320.00	40MHz	-52.11	-51.27	-40	Pass
NVNT	ANT1	802.11n(HT20)	5260.00	20MHz	-36.96	-36.54	-25	Pass
NVNT	ANT1	802.11n(HT20)	5260.00	40MHz	-53.15	-51.93	-40	Pass
NVNT	ANT1	802.11n(HT20)	5300.00	20MHz	-36.98	-36.58	-25	Pass
NVNT	ANT1	802.11n(HT20)	5300.00	40MHz	-52.86	-52.50	-40	Pass
NVNT	ANT1	802.11n(HT20)	5320.00	20MHz	-36.92	-36.90	-25	Pass
NVNT	ANT1	802.11n(HT20)	5320.00	40MHz	-52.95	-52.51	-40	Pass
NVNT	ANT1	802.11ac(VHT20)	5260.00	20MHz	-41.79	-41.66	-25	Pass
NVNT	ANT1	802.11ac(VHT20)	5260.00	40MHz	-56.21	-54.58	-40	Pass
NVNT	ANT1	802.11ac(VHT20)	5300.00	20MHz	-42.41	-41.38	-25	Pass
NVNT	ANT1	802.11ac(VHT20)	5300.00	40MHz	-55.68	-55.46	-40	Pass
NVNT	ANT1	802.11ac(VHT20)	5320.00	20MHz	-41.96	-42.05	-25	Pass
NVNT	ANT1	802.11ac(VHT20)	5320.00	40MHz	-55.41	-55.20	-40	Pass
NVNT	ANT1	802.11n(HT40)	5270.00	40MHz	-34.70	-33.85	-25	Pass
NVNT	ANT1	802.11n(HT40)	5270.00	80MHz	-51.22	-47.98	-40	Pass
NVNT	ANT1	802.11n(HT40)	5310.00	40MHz	-35.69	-35.02	-25	Pass
NVNT	ANT1	802.11n(HT40)	5310.00	80MHz	-51.82	-49.73	-40	Pass
NVNT	ANT1	802.11ac(VHT40)	5270.00	40MHz	-40.73	-39.71	-25	Pass
NVNT	ANT1	802.11ac(VHT40)	5270.00	80MHz	-54.59	-52.80	-40	Pass
NVNT	ANT1	802.11ac(VHT40)	5310.00	40MHz	-39.93	-39.25	-25	Pass
NVNT	ANT1	802.11ac(VHT40)	5310.00	80MHz	-53.98	-52.92	-40	Pass
NVNT	ANT1	802.11ac(VHT80)	5290.00	80MHz	-40.42	-38.86	-25	Pass

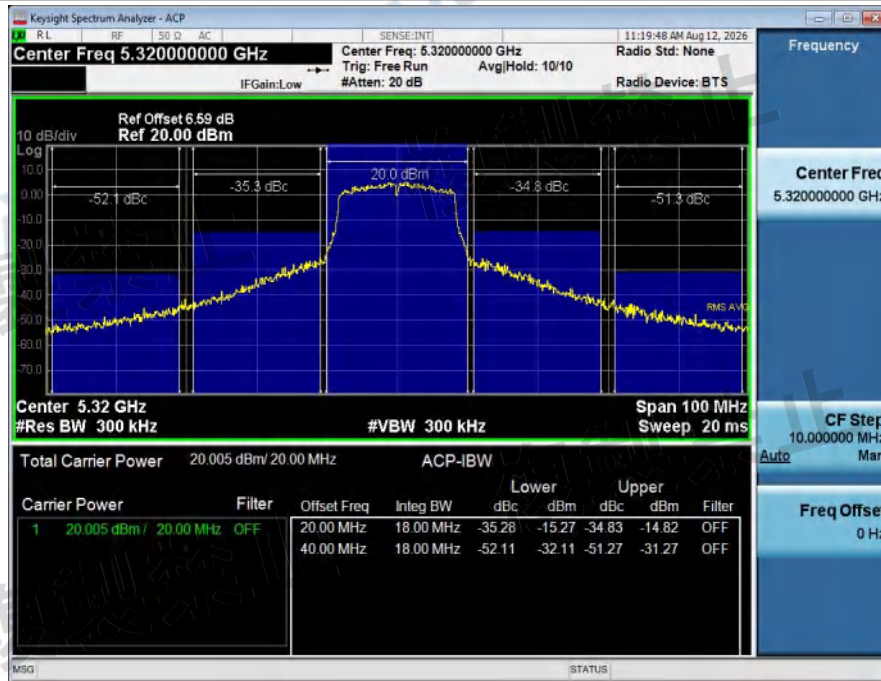
ACP_Measure_NVNT_ANT1_802_11a_5260



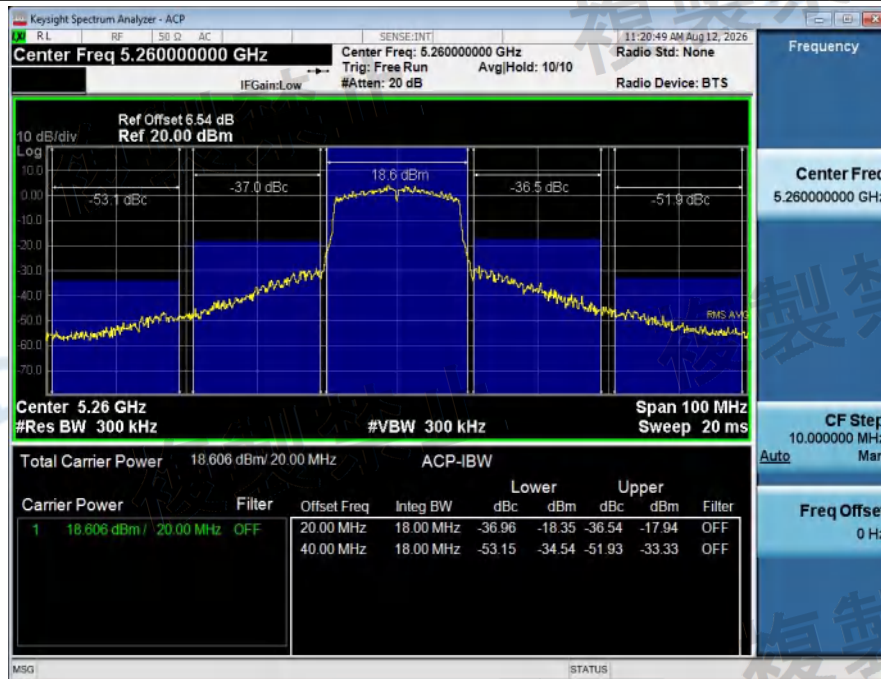
ACP_Measure_NVNT_ANT1_802_11a_5300



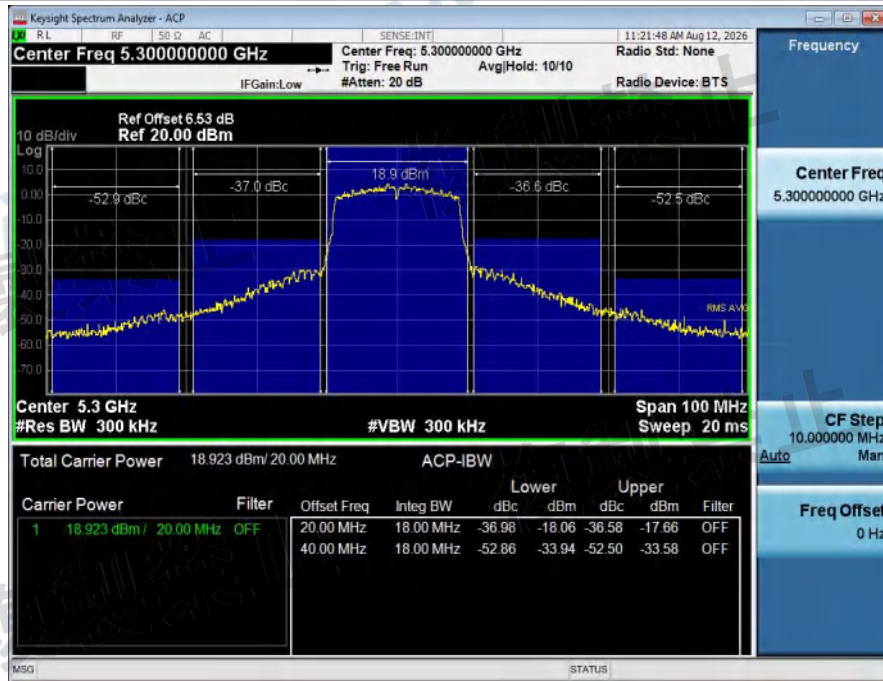
ACP_Measure_NVNT_ANT1_802_11a_5320



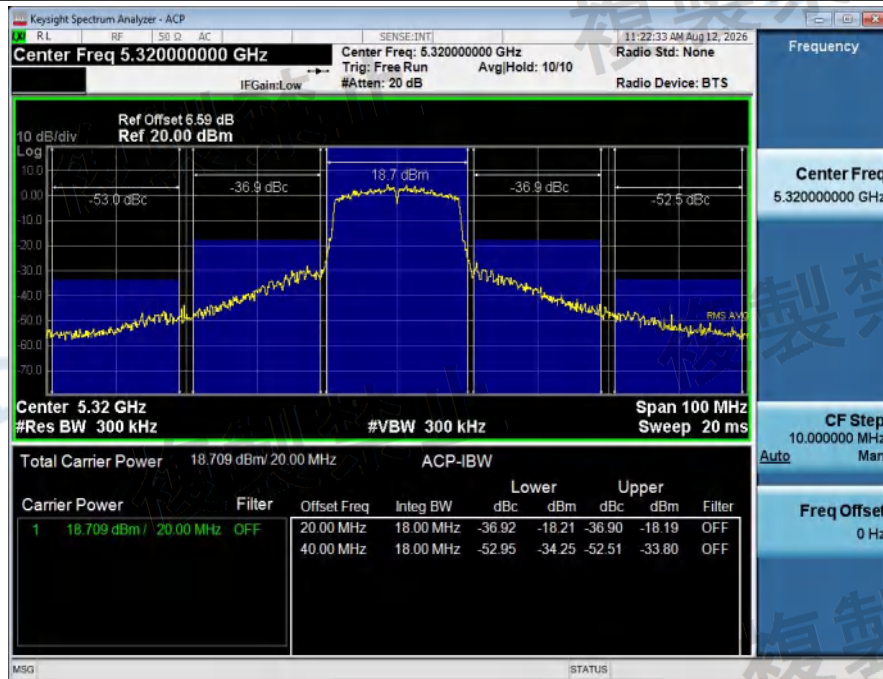
ACP_Measure_NVNT_ANT1_802_11n(HT20)_5260



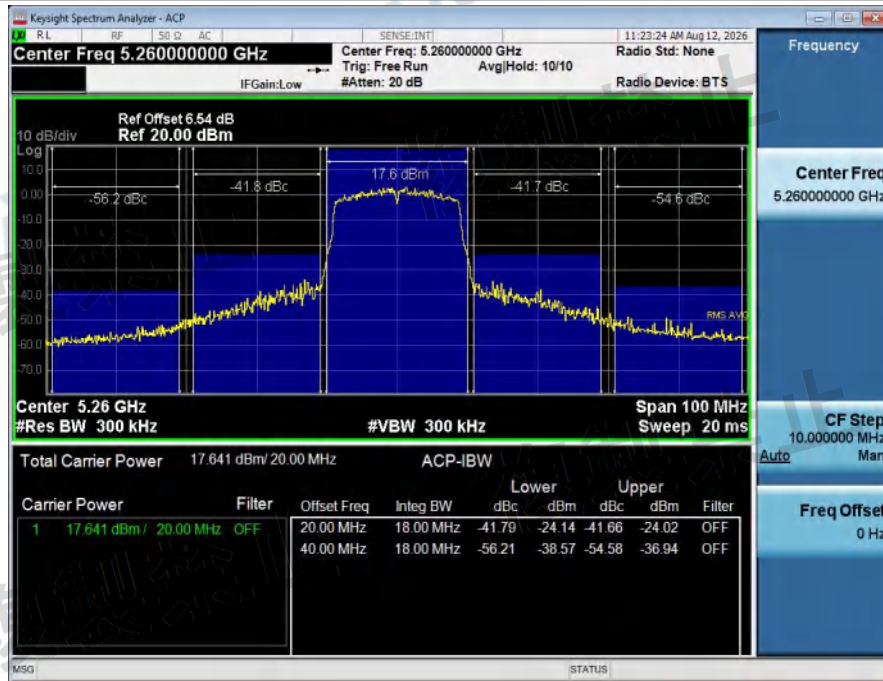
ACP_Measure_NVNT_ANT1_802_11n(HT20)_5300



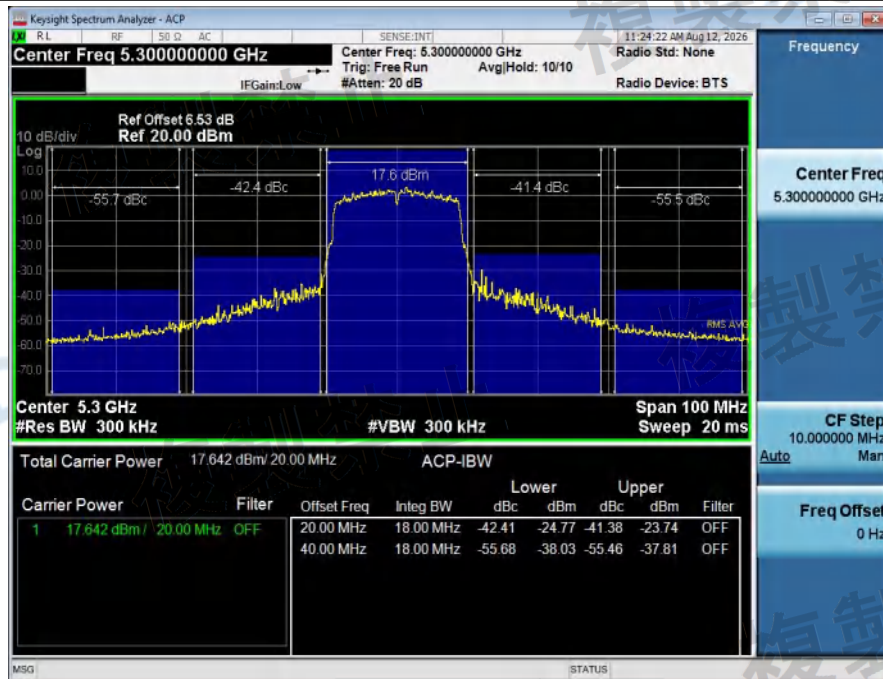
ACP_Measure_NVNT_ANT1_802_11n(HT20)_5320



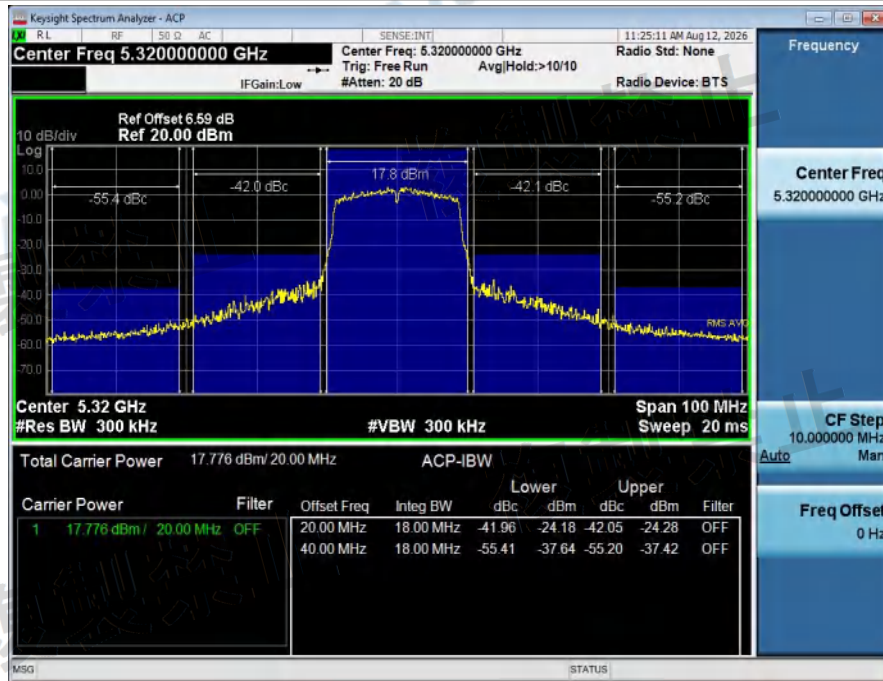
ACP_Measure_NVNT_ANT1_802_11ac(VHT20)_5260



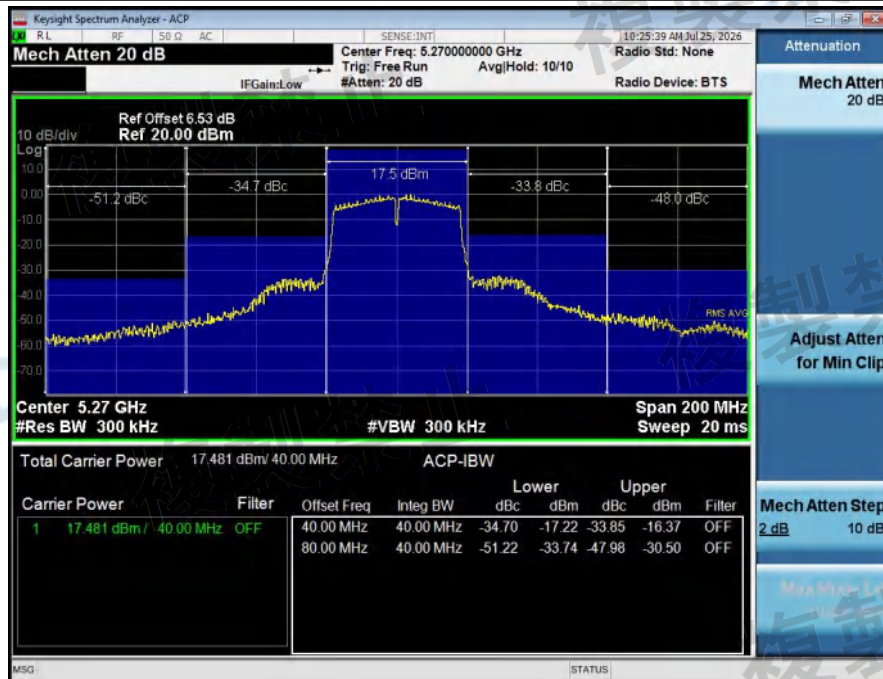
ACP_Measure_NVNT_ANT1_802_11ac(VHT20)_5300



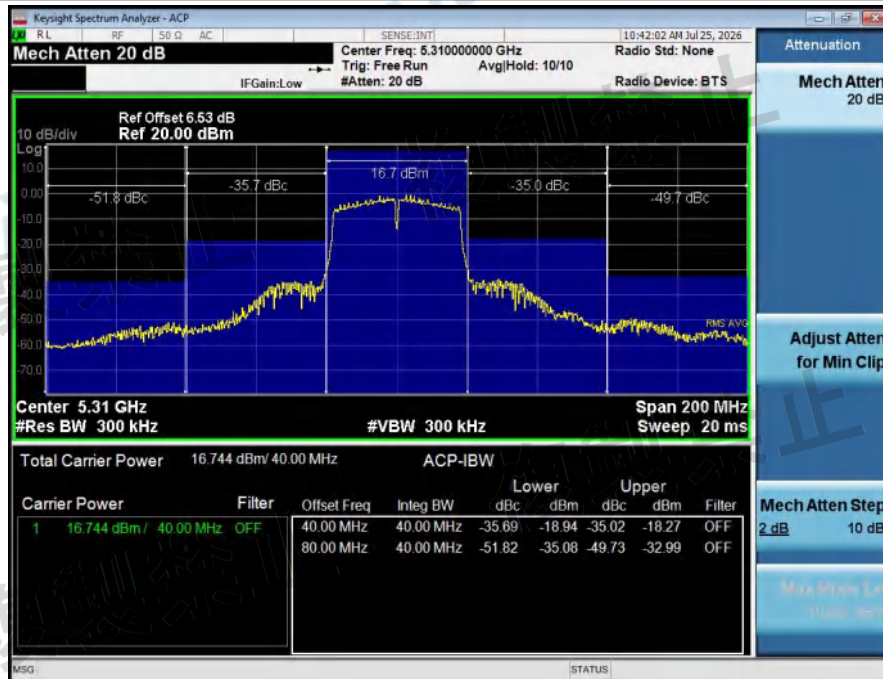
ACP_Measure_NVNT_ANT1_802_11ac(VHT20)_5320



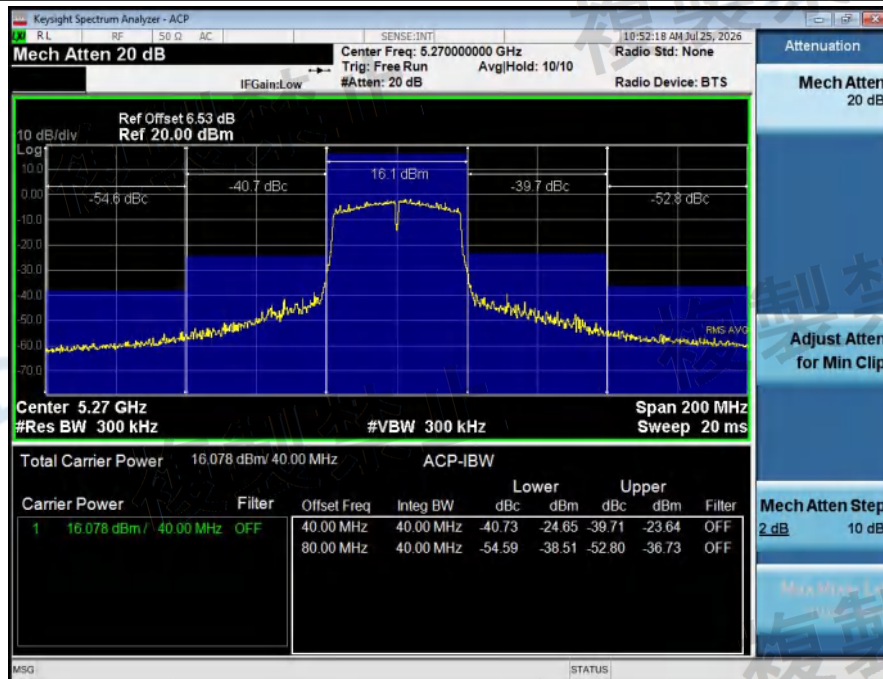
ACP_Measure_NVNT_ANT1_802_11n(HT40)_5270



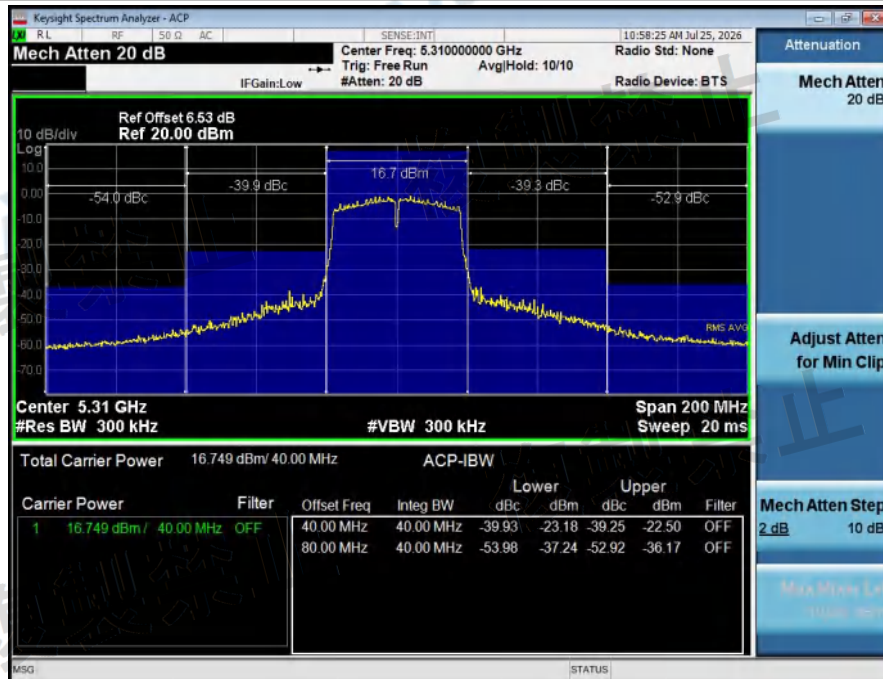
ACP_Measure_NVNT_ANT1_802_11n(HT40)_5310



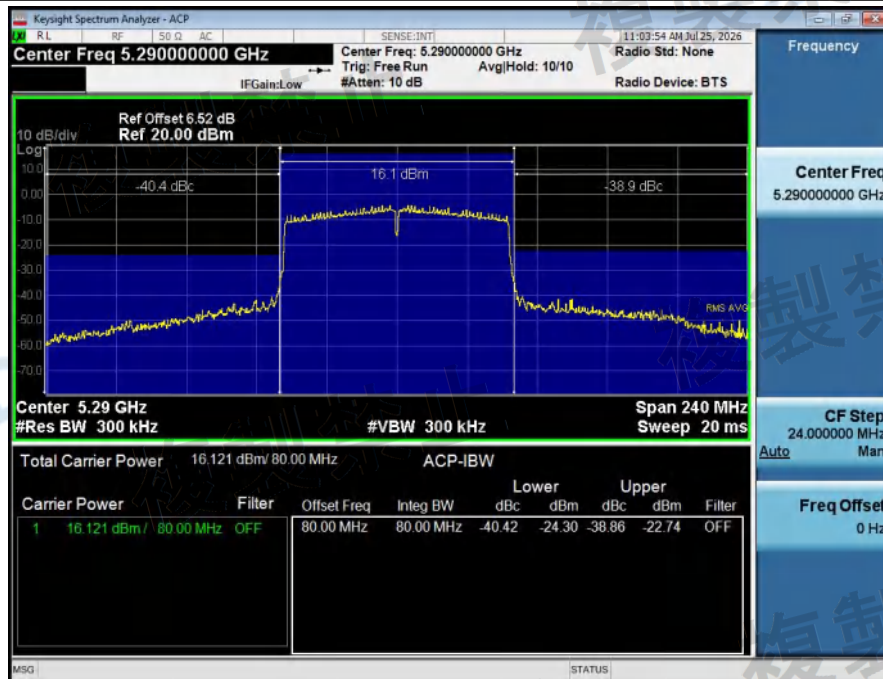
ACP_Measure_NVNT_ANT1_802_11ac(VHT40)_5270



ACP_Measure_NVNT_ANT1_802_11ac(VHT40)_5310



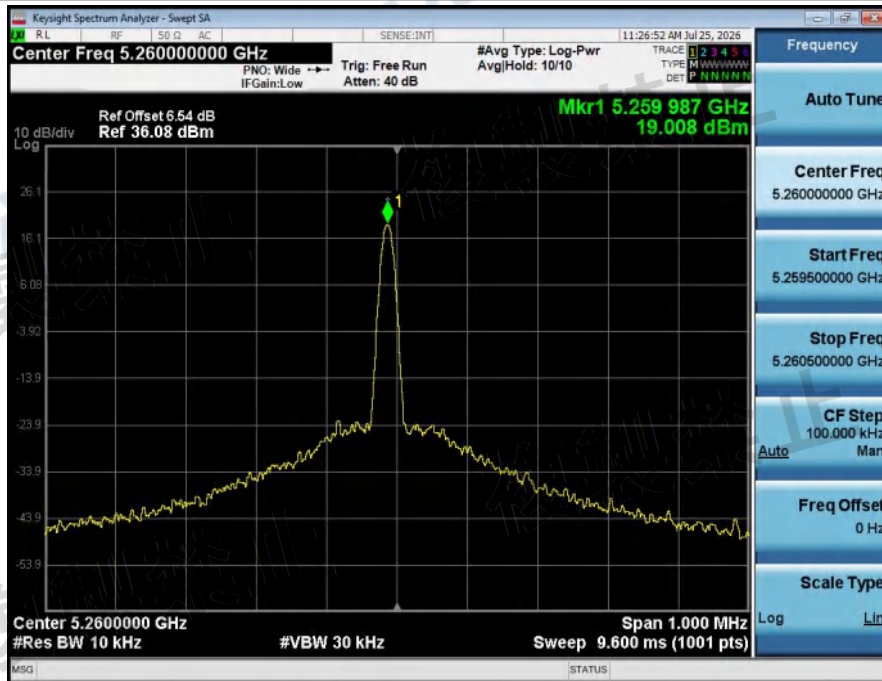
ACP_Measure_NVNT_ANT1_802_11ac(VHT80)_5290



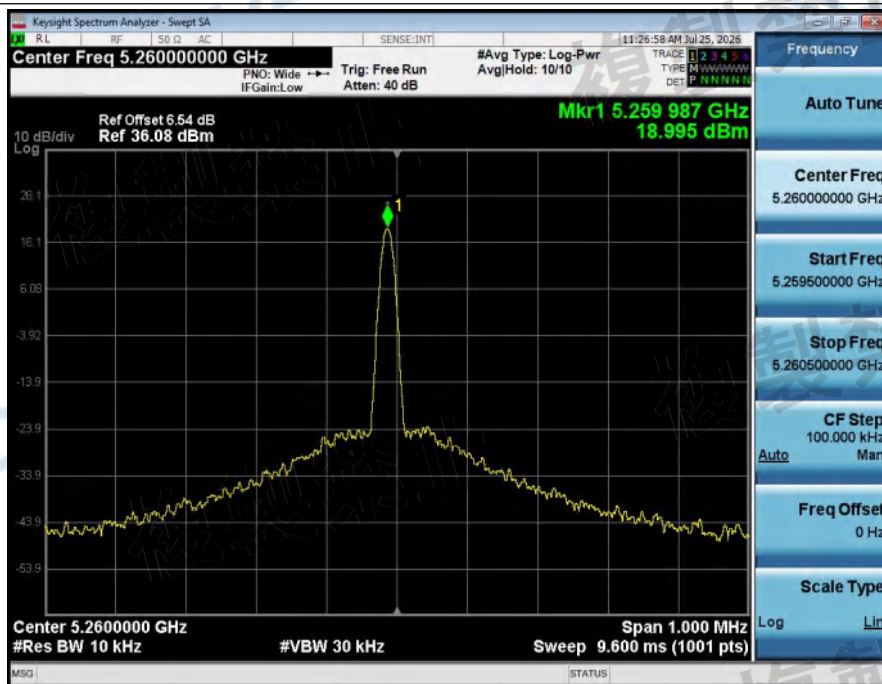
7. Frequency Tolerance

Condition	Antenna	Modulation	Frequency (MHz)	Test Frequency(MHz)	Frequency Tolerance(ppm)	Limit(ppm)	Result
NTNV	ANT1	802.11a	5260.00	5259.987	-2.471	±20	Pass
NTLV	ANT1	802.11a	5260.00	5259.987	-2.471	±20	Pass
NTHV	ANT1	802.11a	5260.00	5259.987	-2.471	±20	Pass
NTNV	ANT1	802.11a	5300.00	5299.986	-2.642	±20	Pass
NTLV	ANT1	802.11a	5300.00	5299.986	-2.642	±20	Pass
NTHV	ANT1	802.11a	5300.00	5299.986	-2.642	±20	Pass
NTNV	ANT1	802.11a	5320.00	5319.987	-2.444	±20	Pass
NTLV	ANT1	802.11a	5320.00	5319.987	-2.444	±20	Pass
NTHV	ANT1	802.11a	5320.00	5319.987	-2.444	±20	Pass
NTNV	ANT1	802.11n(HT20)	5260.00	5259.986	-2.662	±20	Pass
NTLV	ANT1	802.11n(HT20)	5260.00	5259.986	-2.662	±20	Pass
NTHV	ANT1	802.11n(HT20)	5260.00	5259.986	-2.662	±20	Pass
NTNV	ANT1	802.11n(HT20)	5300.00	5299.986	-2.642	±20	Pass
NTLV	ANT1	802.11n(HT20)	5300.00	5299.986	-2.642	±20	Pass
NTHV	ANT1	802.11n(HT20)	5300.00	5299.986	-2.642	±20	Pass
NTNV	ANT1	802.11n(HT20)	5320.00	5319.986	-2.632	±20	Pass
NTLV	ANT1	802.11n(HT20)	5320.00	5319.986	-2.632	±20	Pass
NTHV	ANT1	802.11n(HT20)	5320.00	5319.986	-2.632	±20	Pass
NTNV	ANT1	802.11ac(VHT20)	5260.00	5259.987	-2.471	±20	Pass
NTLV	ANT1	802.11ac(VHT20)	5260.00	5259.987	-2.471	±20	Pass
NTHV	ANT1	802.11ac(VHT20)	5260.00	5259.987	-2.471	±20	Pass
NTNV	ANT1	802.11ac(VHT20)	5300.00	5299.987	-2.453	±20	Pass
NTLV	ANT1	802.11ac(VHT20)	5300.00	5299.987	-2.453	±20	Pass
NTHV	ANT1	802.11ac(VHT20)	5300.00	5299.987	-2.453	±20	Pass
NTNV	ANT1	802.11ac(VHT20)	5320.00	5319.987	-2.444	±20	Pass
NTLV	ANT1	802.11ac(VHT20)	5320.00	5319.987	-2.444	±20	Pass
NTHV	ANT1	802.11ac(VHT20)	5320.00	5319.987	-2.444	±20	Pass
NTNV	ANT1	802.11n(HT40)	5270.00	5269.987	-2.467	±20	Pass
NTLV	ANT1	802.11n(HT40)	5270.00	5269.987	-2.467	±20	Pass
NTHV	ANT1	802.11n(HT40)	5270.00	5269.987	-2.467	±20	Pass
NTNV	ANT1	802.11n(HT40)	5310.00	5309.987	-2.448	±20	Pass
NTLV	ANT1	802.11n(HT40)	5310.00	5309.987	-2.448	±20	Pass
NTHV	ANT1	802.11n(HT40)	5310.00	5309.987	-2.448	±20	Pass
NTNV	ANT1	802.11ac(VHT40)	5270.00	5269.986	-2.657	±20	Pass
NTLV	ANT1	802.11ac(VHT40)	5270.00	5269.986	-2.657	±20	Pass
NTHV	ANT1	802.11ac(VHT40)	5270.00	5269.986	-2.657	±20	Pass
NTNV	ANT1	802.11ac(VHT40)	5310.00	5309.986	-2.637	±20	Pass
NTLV	ANT1	802.11ac(VHT40)	5310.00	5309.986	-2.637	±20	Pass
NTHV	ANT1	802.11ac(VHT40)	5310.00	5309.986	-2.637	±20	Pass
NTNV	ANT1	802.11ac(VHT80)	5290.00	5289.992	-1.512	±20	Pass
NTLV	ANT1	802.11ac(VHT80)	5290.00	5289.992	-1.512	±20	Pass
NTHV	ANT1	802.11ac(VHT80)	5290.00	5289.992	-1.512	±20	Pass

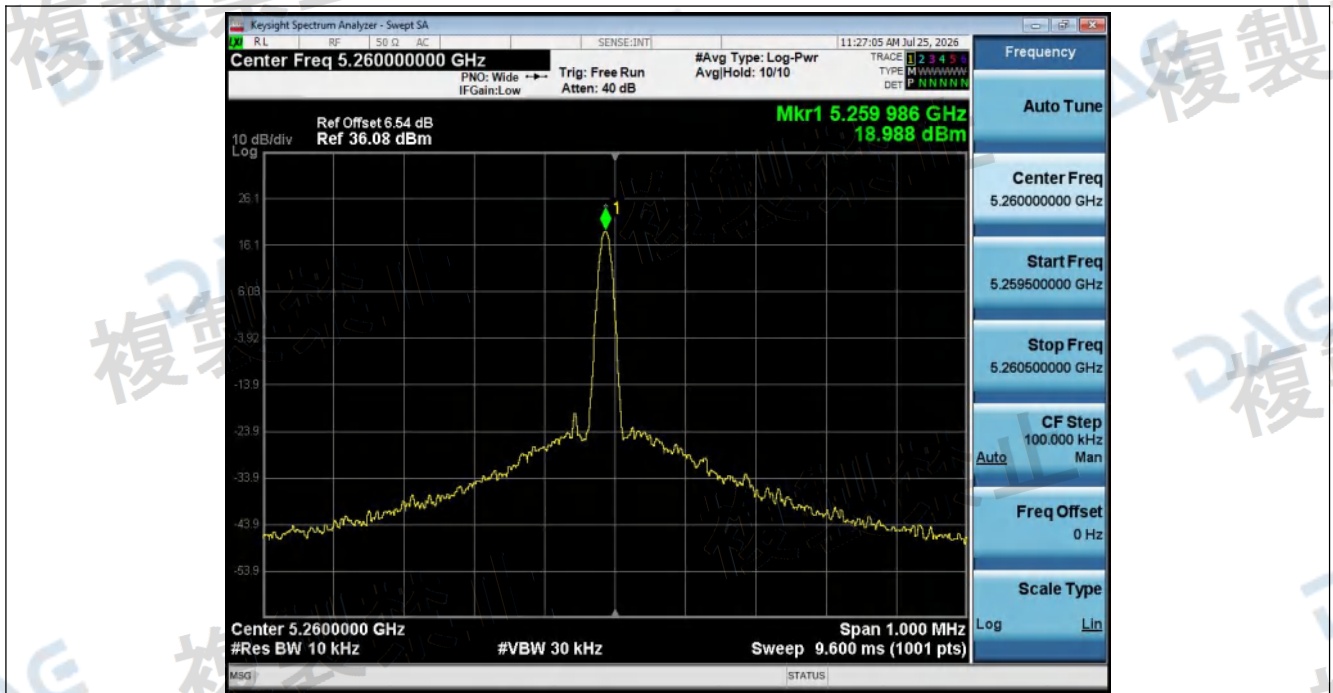
Frequency_Tolerance_NTNV_ANT1_802_11a_5260_20M



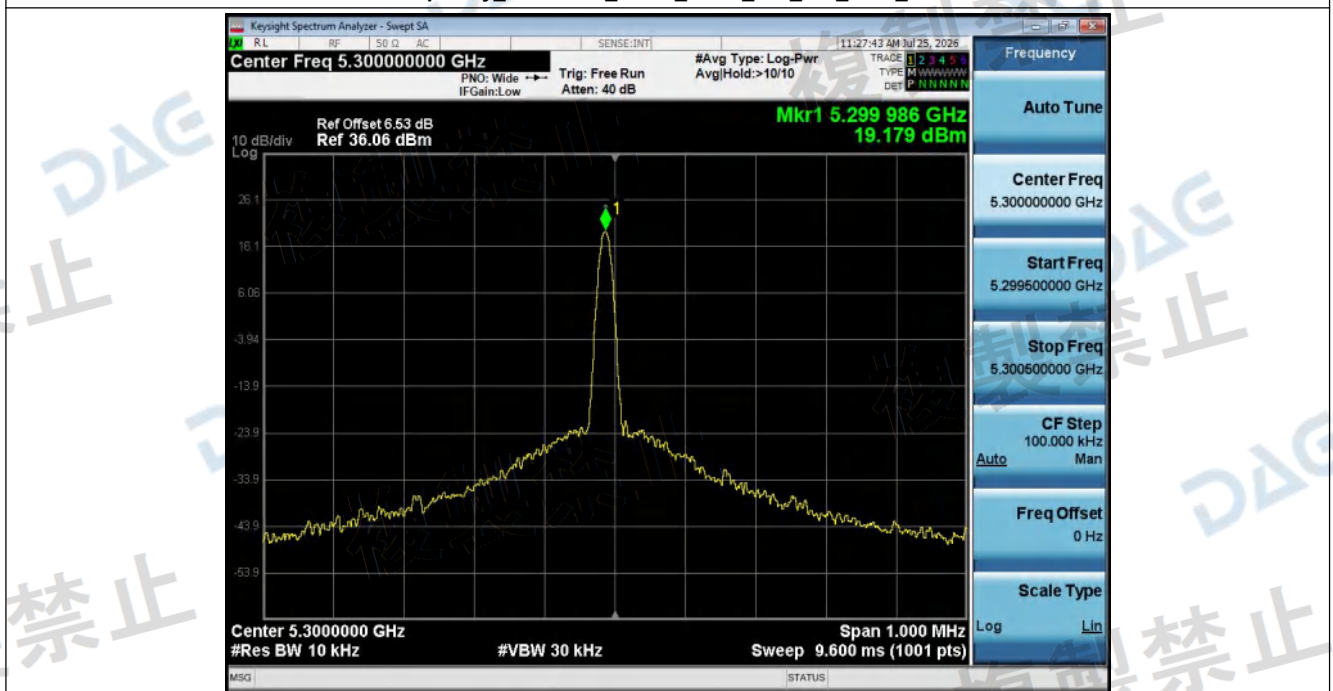
Frequency_Tolerance_NTLV_ANT1_802_11a_5260_20M



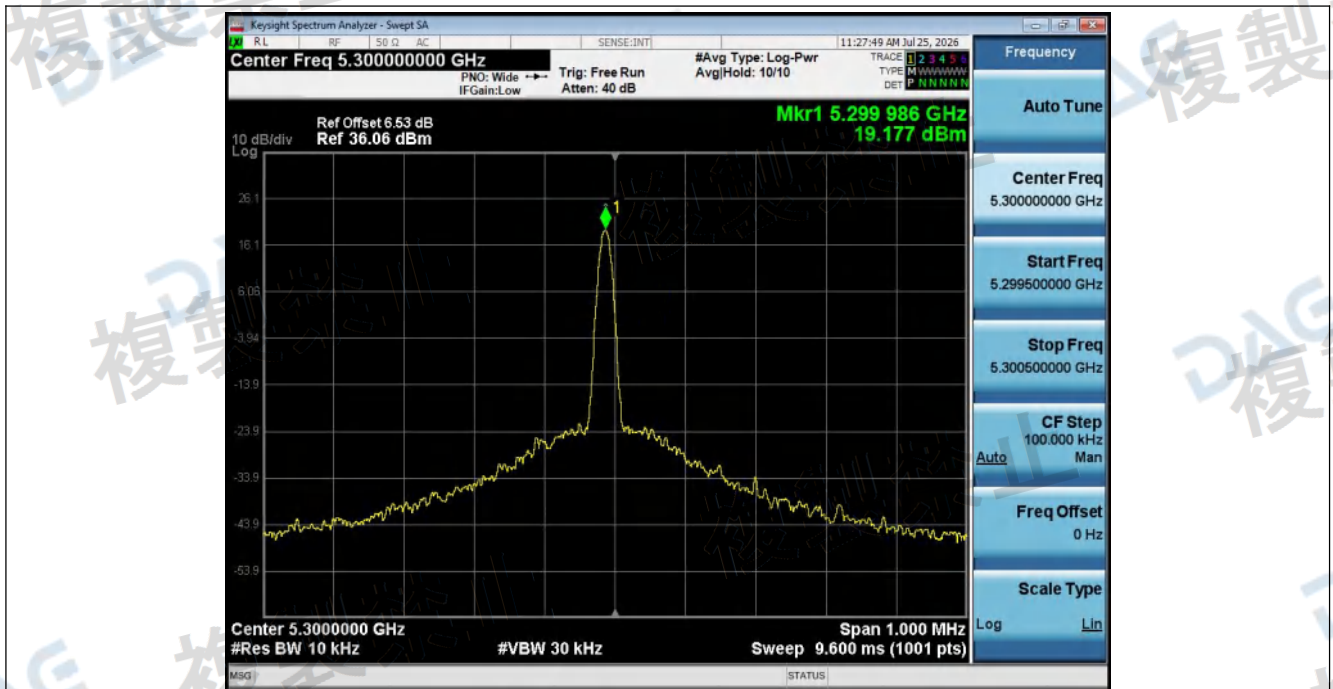
Frequency_Tolerance_NTHV_ANT1_802_11a_5260_20M



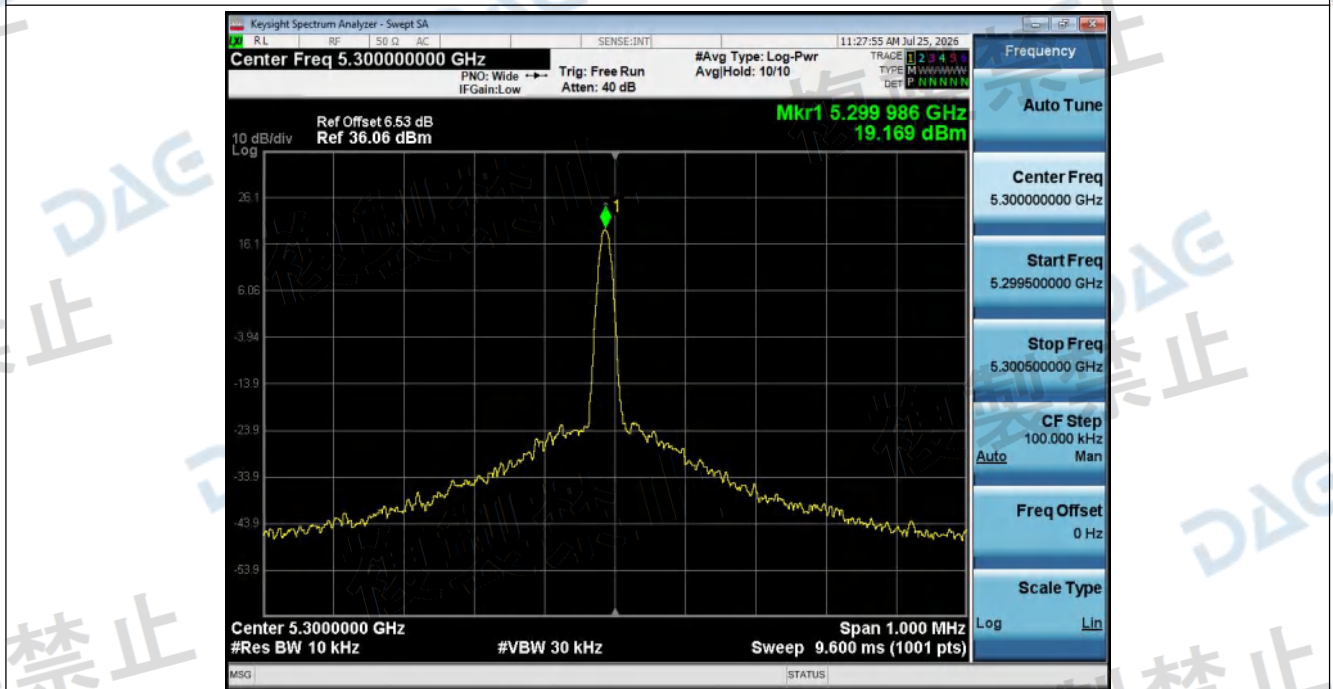
Frequency_Tolerance_NTNV_ANT1_802_11a_5300_20M



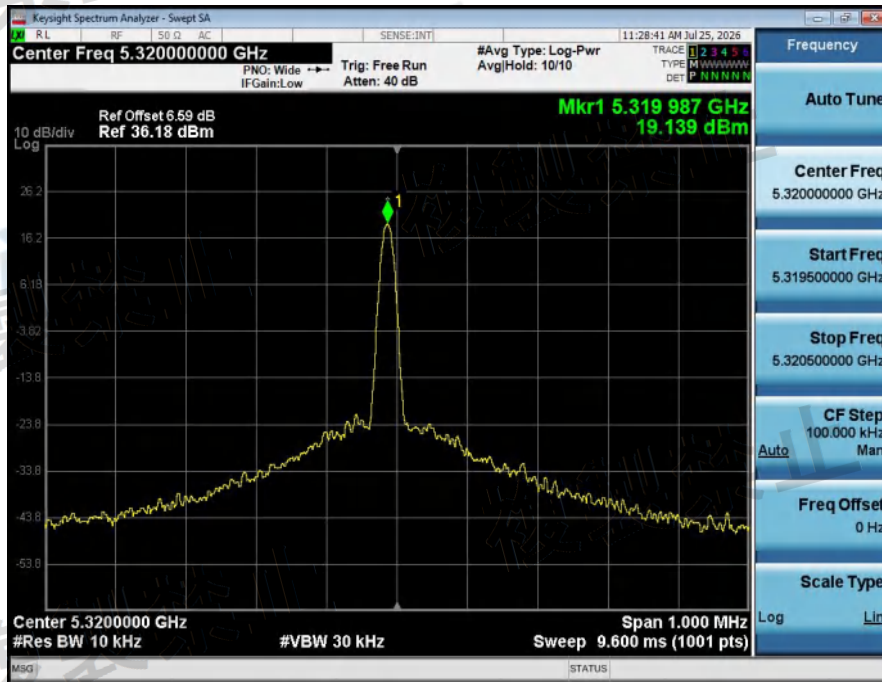
Frequency_Tolerance_NTLV_ANT1_802_11a_5300_20M



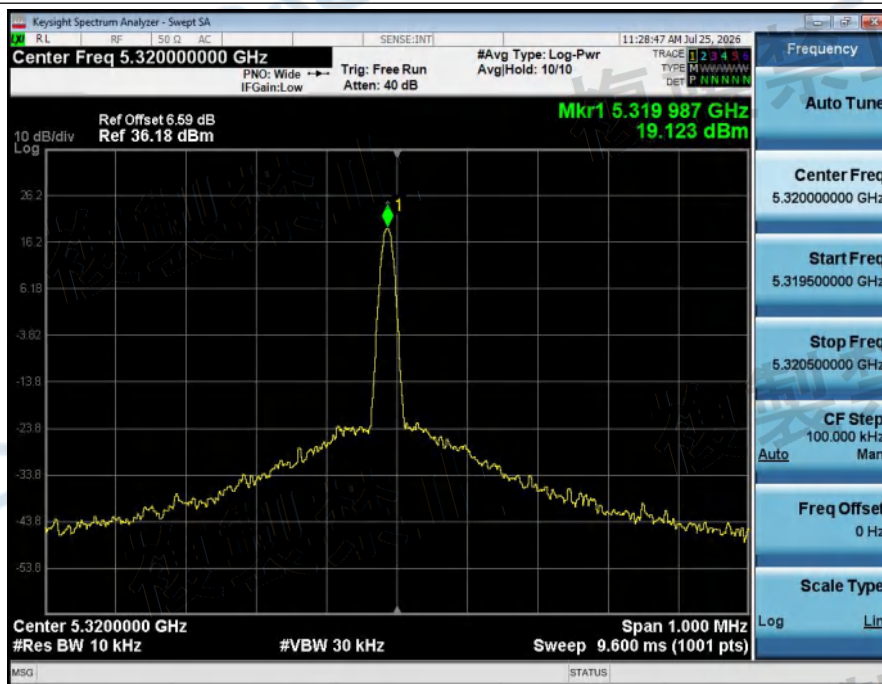
Frequency_Tolerance_NTHV_ANT1_802_11a_5300_20M



Frequency_Tolerance_NTNV_ANT1_802_11a_5320_20M



Frequency_Tolerance_NTLV_ANT1_802_11a_5320_20M



Frequency_Tolerance_NTHV_ANT1_802_11a_5320_20M

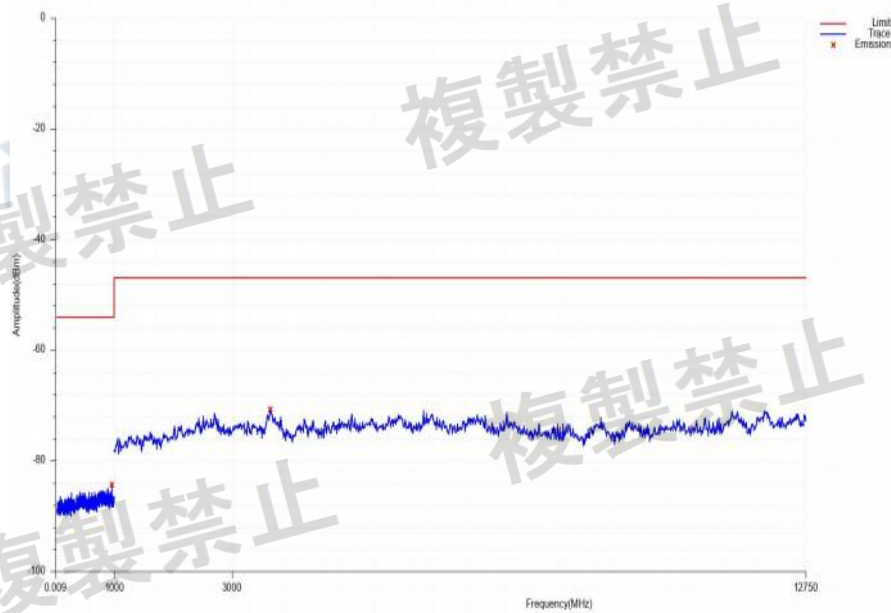


8. Secondary emission of radio wave

Condition	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
NVNT	802.11a	LCH	30.0~1000.0	100	955.38	-84.38	0.0036nW	4nW	NO	/	/	Pass
NVNT	802.11a	LCH	1000.0~13000.0	1000	3652.00	-70.68	0.0854nW	20nW	NO	/	/	Pass
NVNT	802.11a	MCH	30.0~1000.0	100	854.50	-85.35	0.0029nW	4nW	NO	/	/	Pass
NVNT	802.11a	MCH	1000.0~13000.0	1000	3628.00	-70.29	0.0934nW	20nW	NO	/	/	Pass
NVNT	802.11a	HCH	30.0~1000.0	100	832.19	-82.74	0.0053nW	4nW	NO	/	/	Pass
NVNT	802.11a	HCH	1000.0~13000.0	1000	3628.00	-70.54	0.0883nW	20nW	NO	/	/	Pass
NVNT	802.11n(HT20)	LCH	30.0~1000.0	100	882.63	-84.69	0.0033nW	4nW	NO	/	/	Pass
NVNT	802.11n(HT20)	LCH	1000.0~13000.0	1000	12028.00	-70.71	0.0849nW	20nW	NO	/	/	Pass
NVNT	802.11n(HT20)	MCH	30.0~1000.0	100	832.19	-78.81	0.0131nW	4nW	NO	/	/	Pass
NVNT	802.11n(HT20)	MCH	1000.0~13000.0	1000	12052.00	-70.19	0.0957nW	20nW	NO	/	/	Pass
NVNT	802.11n(HT20)	HCH	30.0~1000.0	100	705.12	-84.60	0.0034nW	4nW	NO	/	/	Pass
NVNT	802.11n(HT20)	HCH	1000.0~13000.0	1000	5824.00	-69.58	0.1100nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	LCH	30.0~1000.0	100	749.74	-84.14	0.0038nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	LCH	1000.0~13000.0	1000	12856.00	-70.24	0.0946nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	MCH	30.0~1000.0	100	812.79	-84.64	0.0034nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	MCH	1000.0~13000.0	1000	3652.00	-70.03	0.0993nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	HCH	30.0~1000.0	100	475.23	-84.63	0.0034nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	HCH	1000.0~13000.0	1000	12028.00	-70.13	0.0970nW	20nW	NO	/	/	Pass
NVNT	802.11n(HT40)	LCH	30.0~1000.0	100	927.25	-83.99	0.0039nW	4nW	NO	/	/	Pass
NVNT	802.11n(HT40)	LCH	1000.0~13000.0	1000	3628.00	-70.82	0.0827nW	20nW	NO	/	/	Pass
NVNT	802.11n(HT40)	HCH	30.0~1000.0	100	718.70	-84.87	0.0032nW	4nW	NO	/	/	Pass
NVNT	802.11n(HT40)	HCH	1000.0~13000.0	1000	1756.00	-66.45	0.2265nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT40)	LCH	30.0~1000.0	100	957.32	-85.41	0.0028nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT40)	LCH	1000.0~13000.0	1000	7264.00	-70.48	0.0895nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT40)	HCH	30.0~1000.0	100	789.51	-84.57	0.0034nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT40)	HCH	1000.0~13000.0	1000	9244.00	-70.38	0.0917nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT80)	MCH	30.0~1000.0	100	726.46	-84.80	0.0033nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT80)	MCH	1000.0~13000.0	1000	12100.00	-70.05	0.0989nW	20nW	NO	/	/	Pass

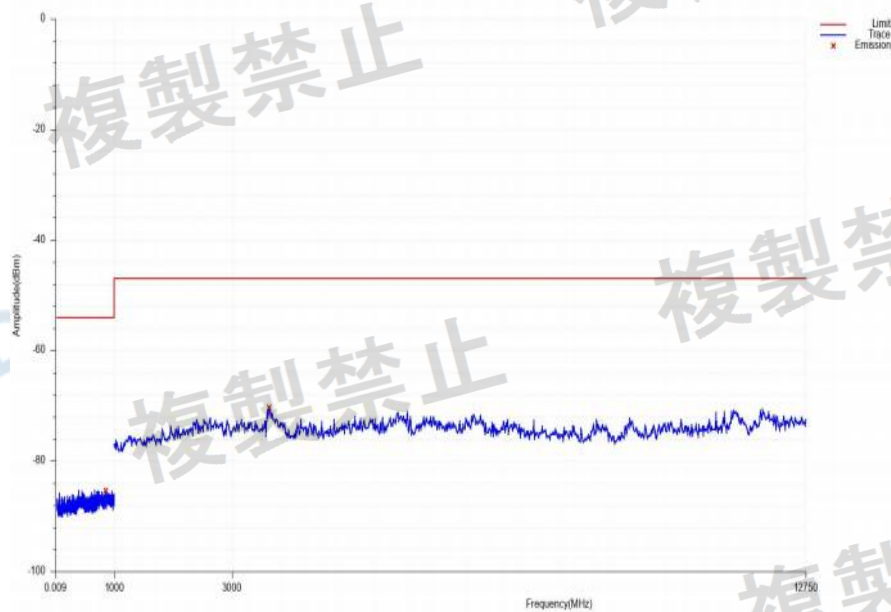
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11a_LCH

Secondary Radiated Emissions



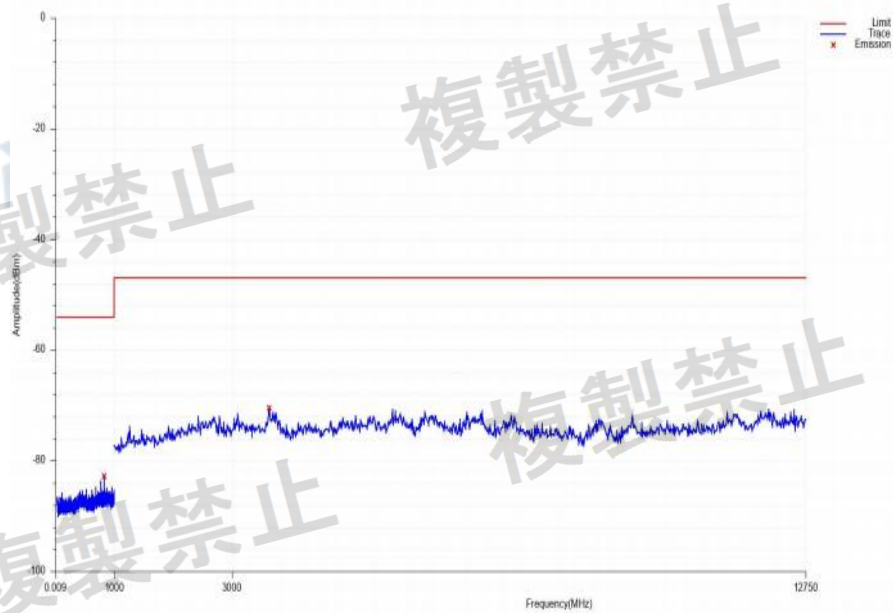
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11a_MCH

Secondary Radiated Emissions



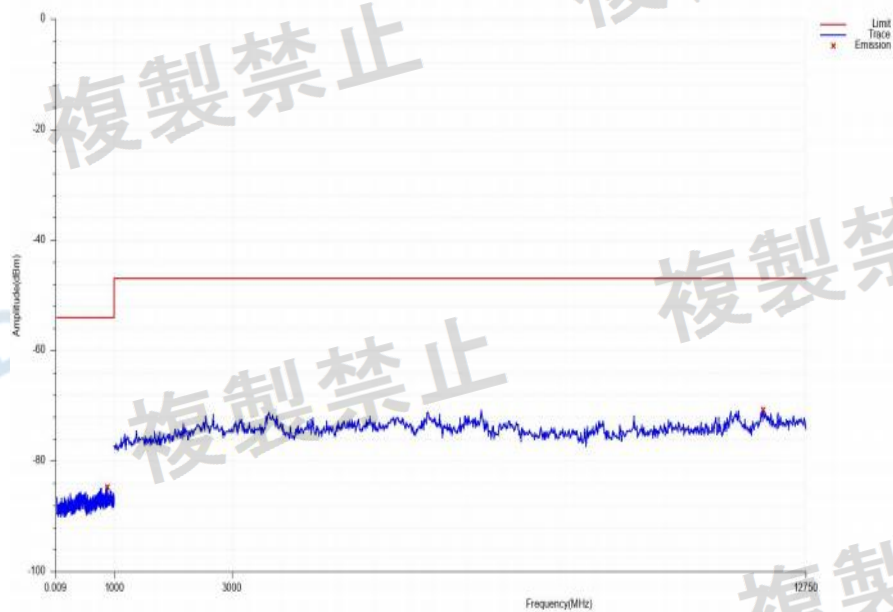
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11a_HCH

Secondary Radiated Emissions



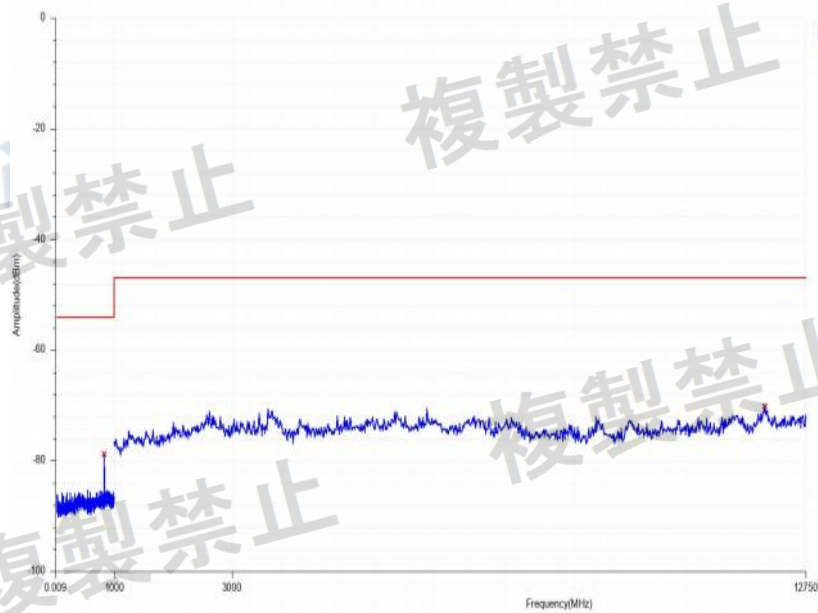
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11n(HT20)_LCH

Secondary Radiated Emissions



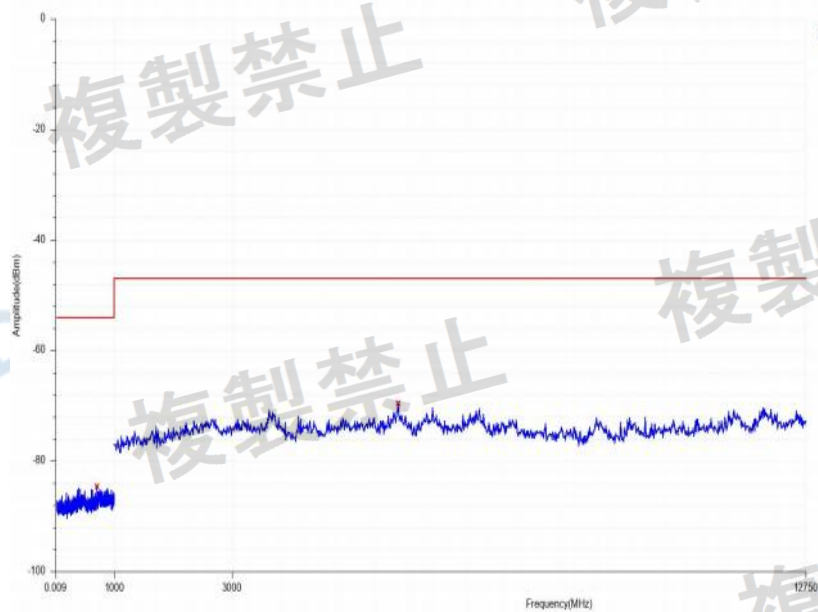
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11n(HT20)_MCH

Secondary Radiated Emissions

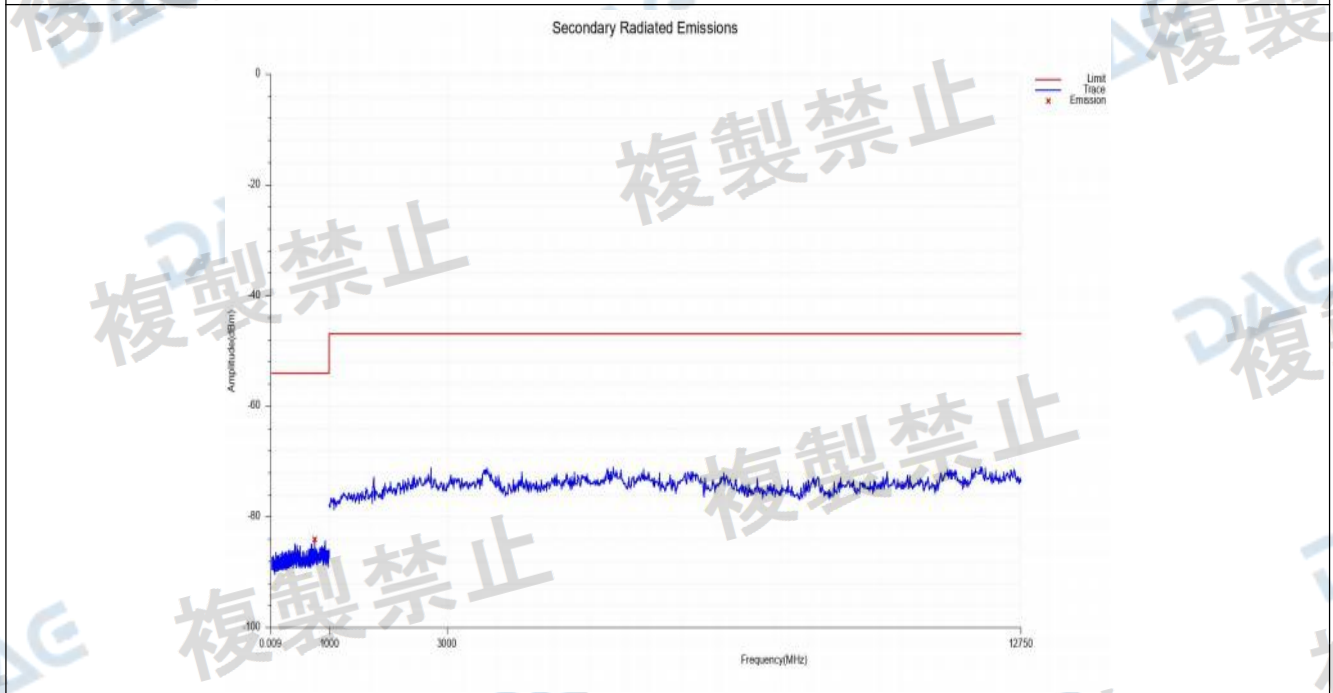


Secondary_emission_of_radio_wave_NVNT_ANT1_802_11n(HT20)_HCH

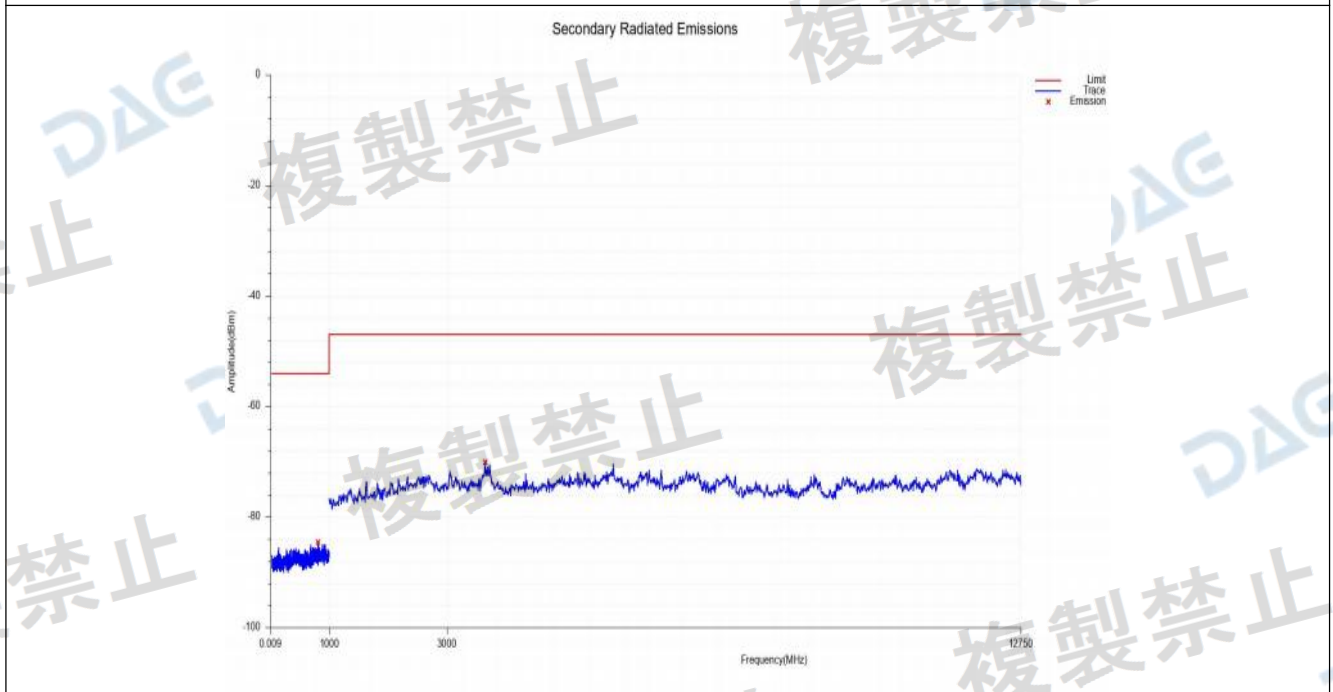
Secondary Radiated Emissions



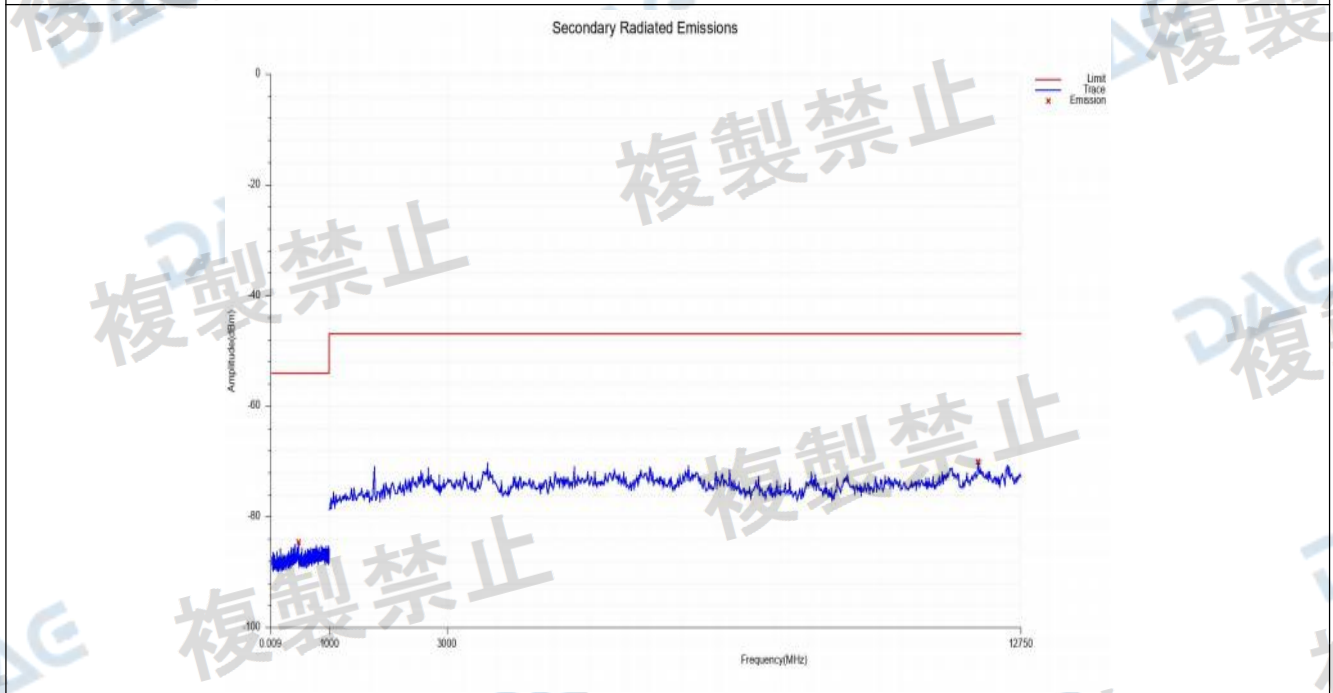
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT20)_LCH



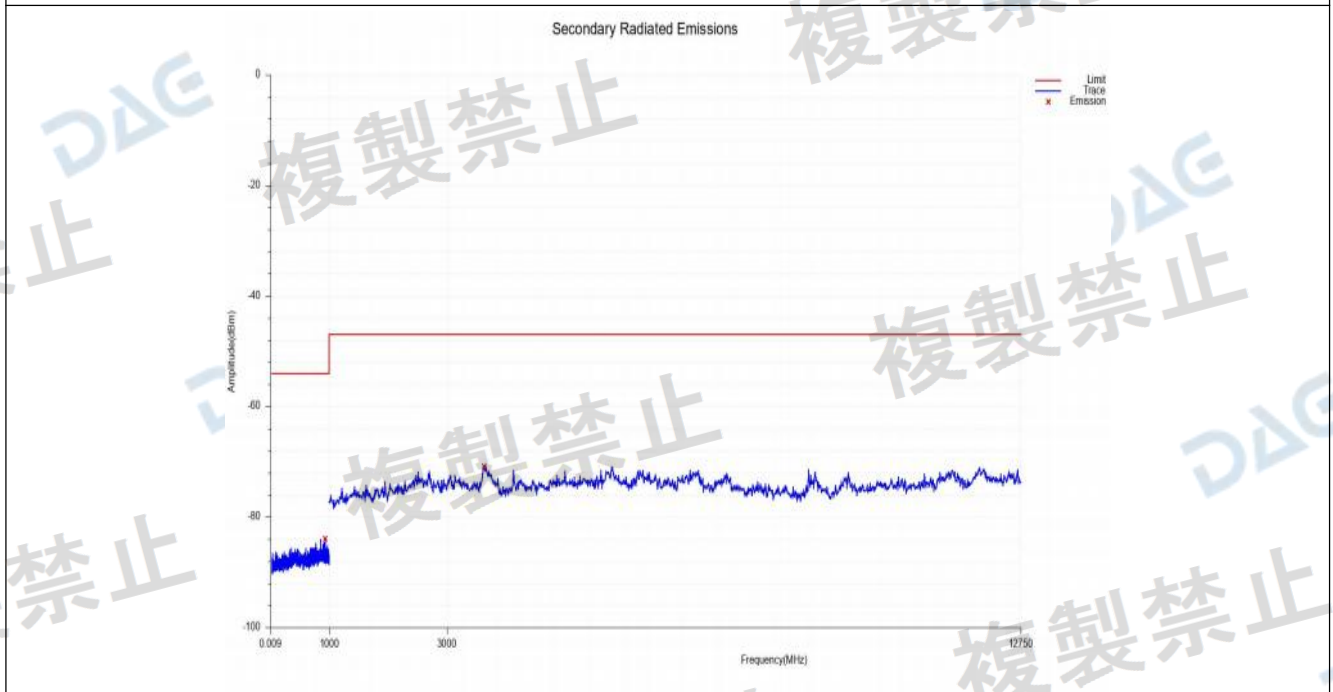
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT20)_MCH



Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT20)_HCH

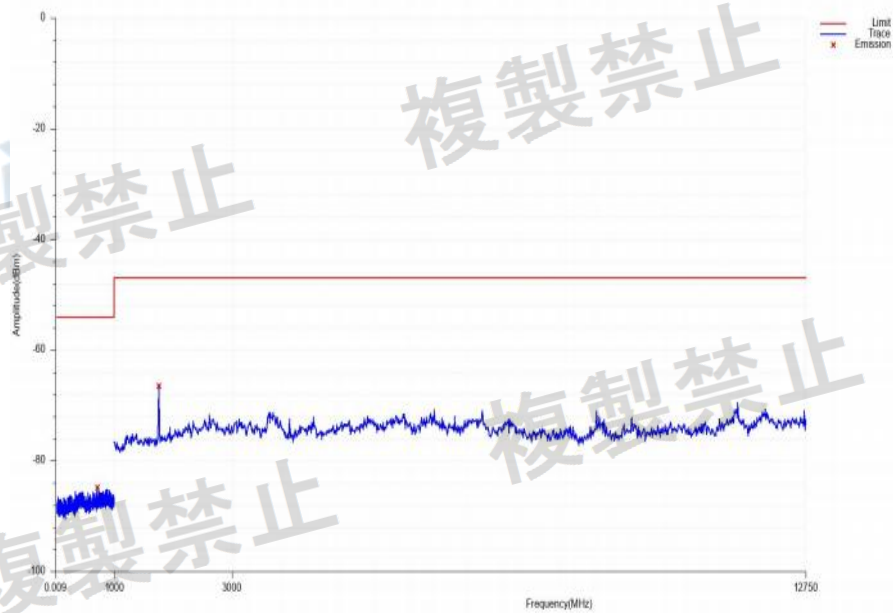


Secondary_emission_of_radio_wave_NVNT_ANT1_802_11n(HT40)_LCH



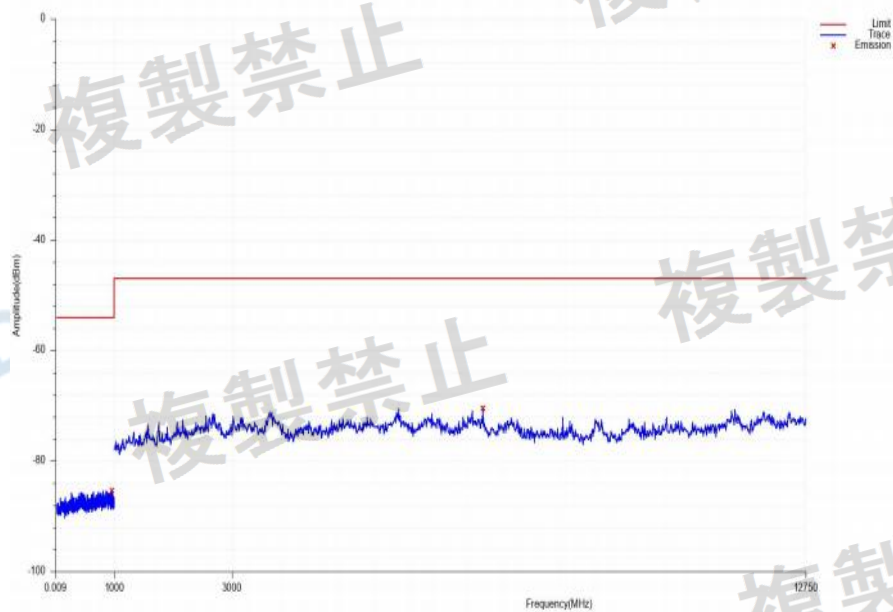
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11n(HT40)_HCH

Secondary Radiated Emissions

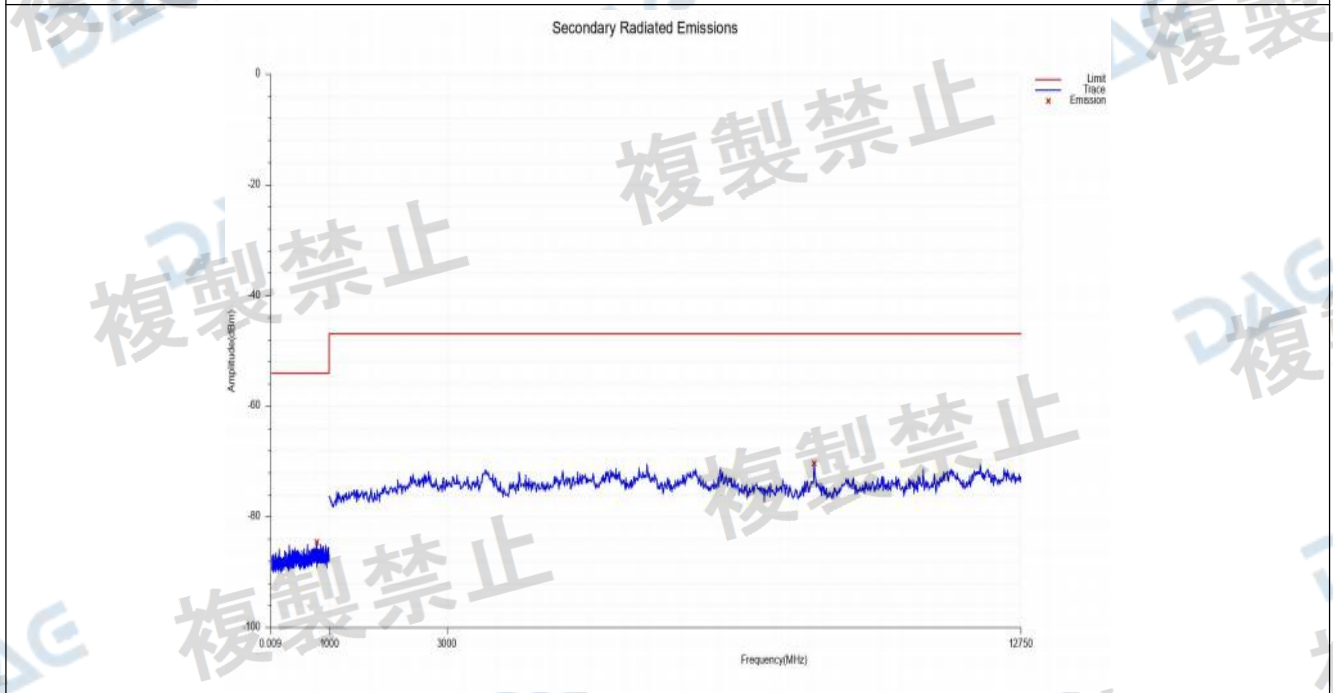


Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT40)_LCH

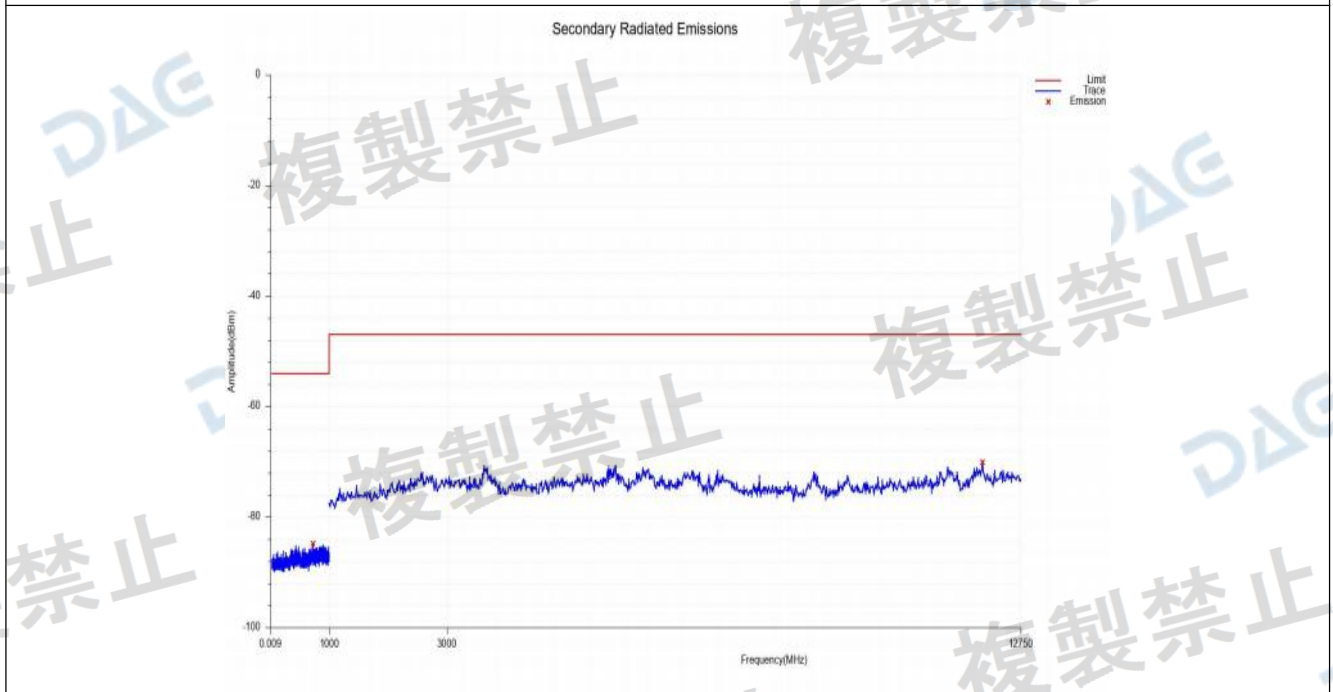
Secondary Radiated Emissions



Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT40)_HCH



Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT80)_MCH



Appendix-5.6G

HT260723009-AGM-P3-MIC-5.6GWIFI

MIC_5.6G_WIFI (Item_19-3) Test Data

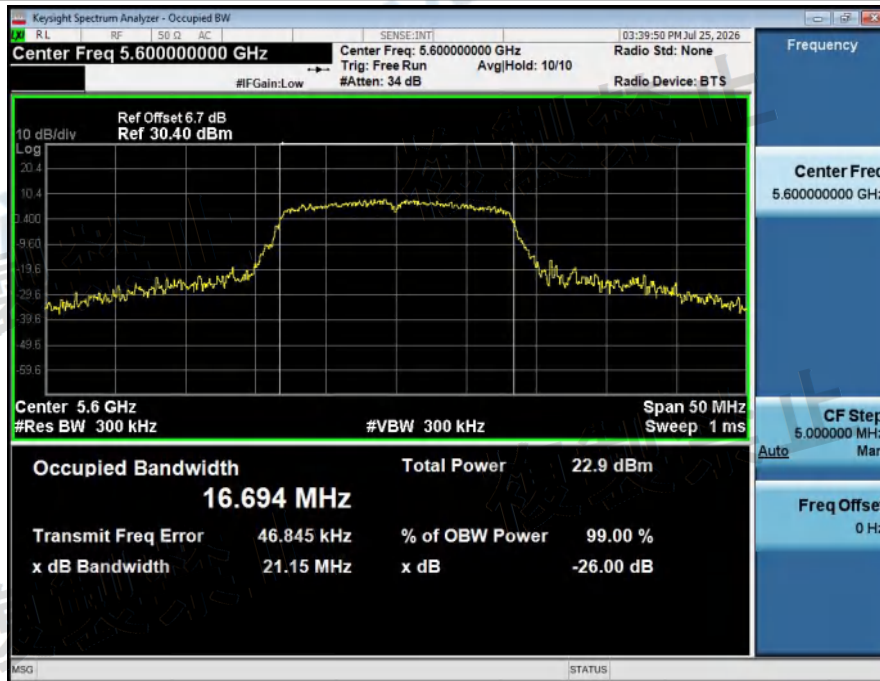
1. Occupied Frequency Bandwidth

Condition	Antenna	Mode	Frequency(MHz)	Occupied Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5500.00	16.66	20	Pass
NVNT	ANT1	802.11a	5600.00	16.69	20	Pass
NVNT	ANT1	802.11a	5720.00	16.73	20	Pass
NVNT	ANT1	802.11n(HT20)	5500.00	17.74	20	Pass
NVNT	ANT1	802.11n(HT20)	5600.00	17.86	20	Pass
NVNT	ANT1	802.11n(HT20)	5720.00	17.84	20	Pass
NVNT	ANT1	802.11ac(VHT20)	5500.00	17.70	20	Pass
NVNT	ANT1	802.11ac(VHT20)	5600.00	17.69	20	Pass
NVNT	ANT1	802.11ac(VHT20)	5720.00	17.71	20	Pass
NVNT	ANT1	802.11n(HT40)	5510.00	36.37	40	Pass
NVNT	ANT1	802.11n(HT40)	5590.00	36.00	40	Pass
NVNT	ANT1	802.11n(HT40)	5710.00	36.09	40	Pass
NVNT	ANT1	802.11ac(VHT40)	5510.00	35.97	40	Pass
NVNT	ANT1	802.11ac(VHT40)	5590.00	36.08	40	Pass
NVNT	ANT1	802.11ac(VHT40)	5710.00	35.94	40	Pass
NVNT	ANT1	802.11ac(VHT80)	5530.00	75.25	80	Pass
NVNT	ANT1	802.11ac(VHT80)	5610.00	75.29	80	Pass
NVNT	ANT1	802.11ac(VHT80)	5690.00	75.43	80	Pass

Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11a_5500_20M



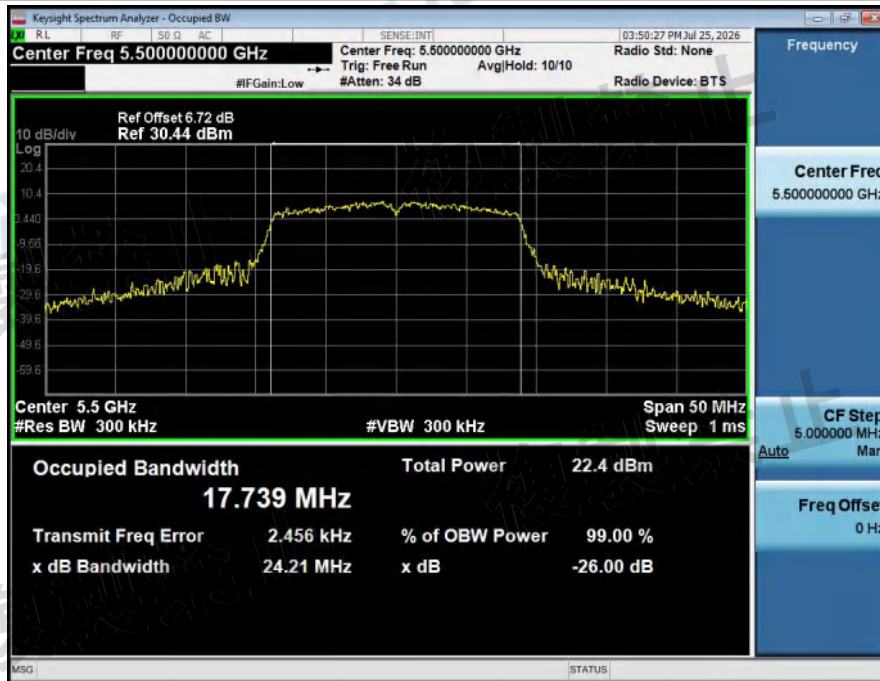
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11a_5600_20M



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11a_5720_20M



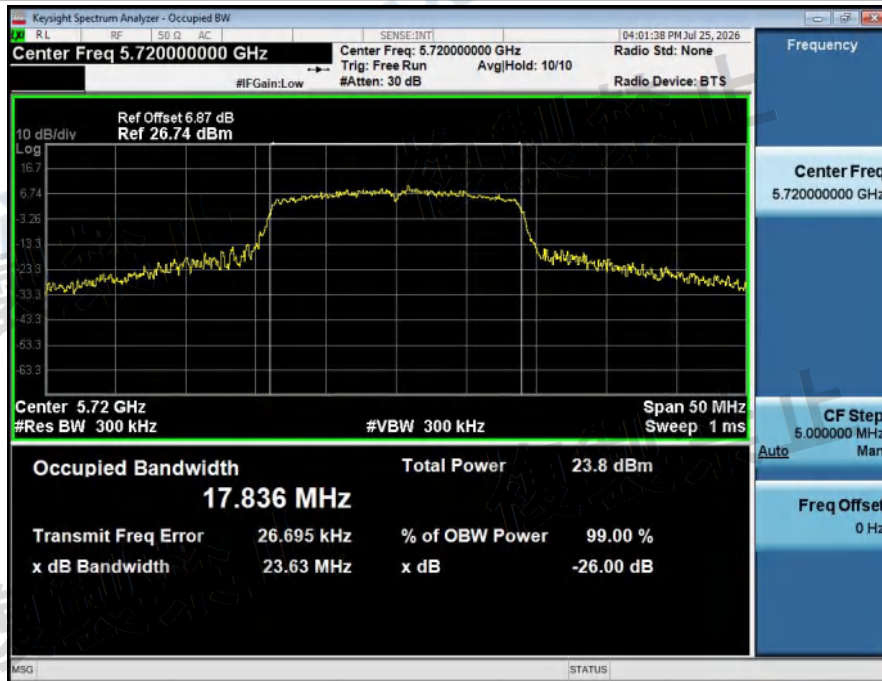
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT20)_5500_20M



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT20)_5600_20M



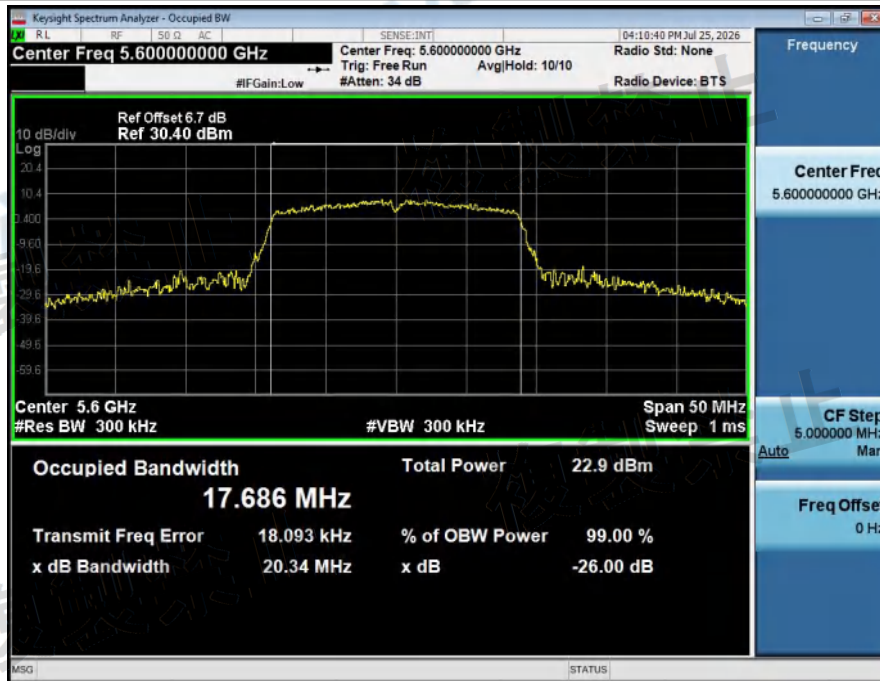
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT20)_5720_20M



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5500_20M



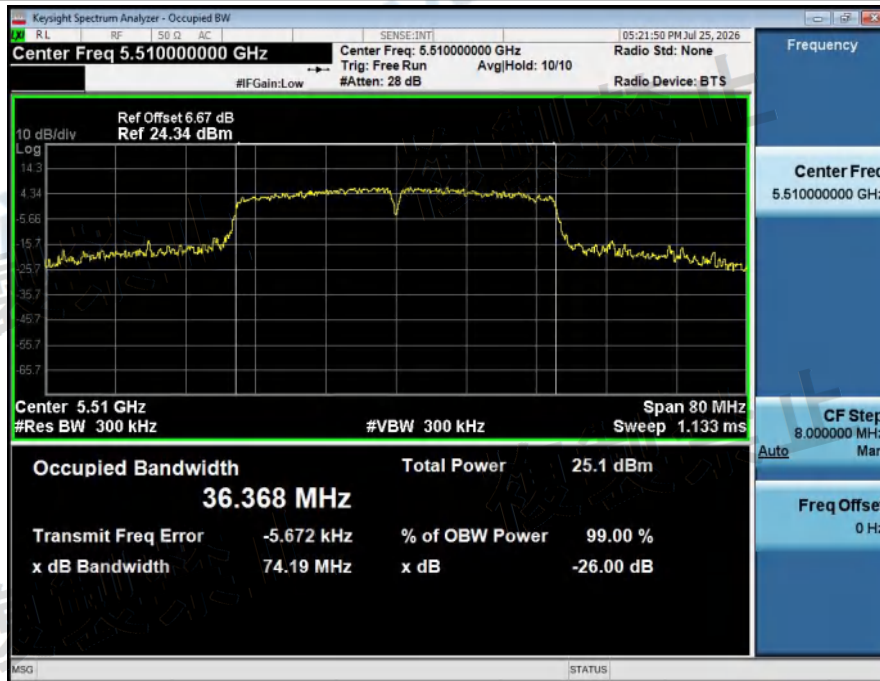
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5600_20M



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5720_20M



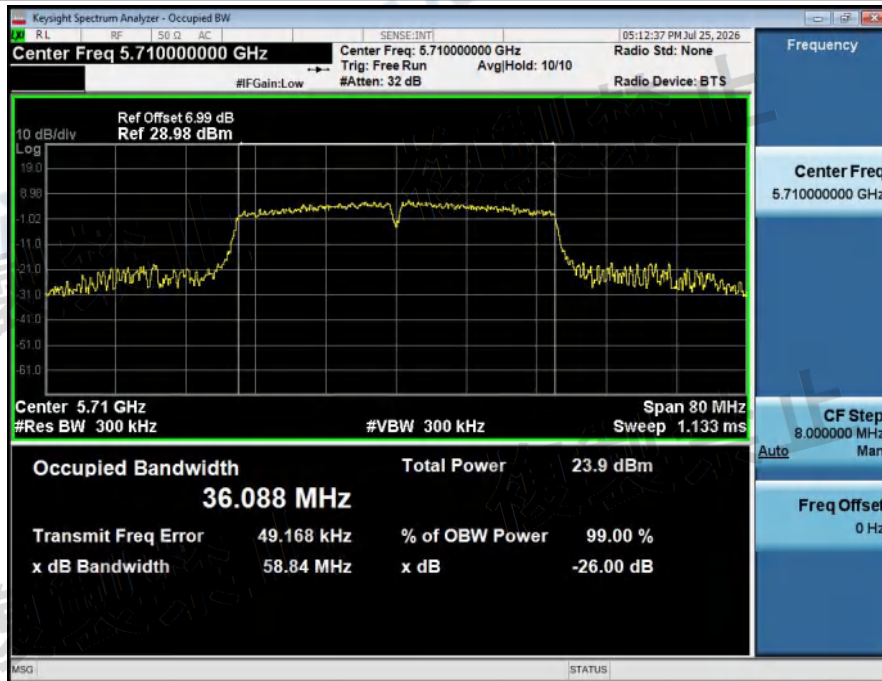
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT40)_5510_40M



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT40)_5590_40M



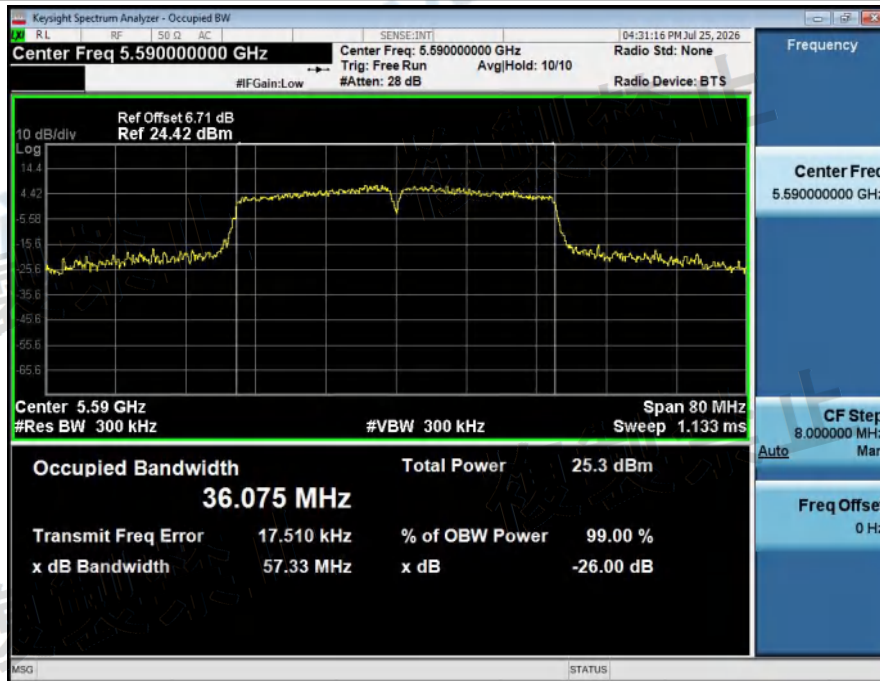
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11n(HT40)_5710_40M



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5510_40M



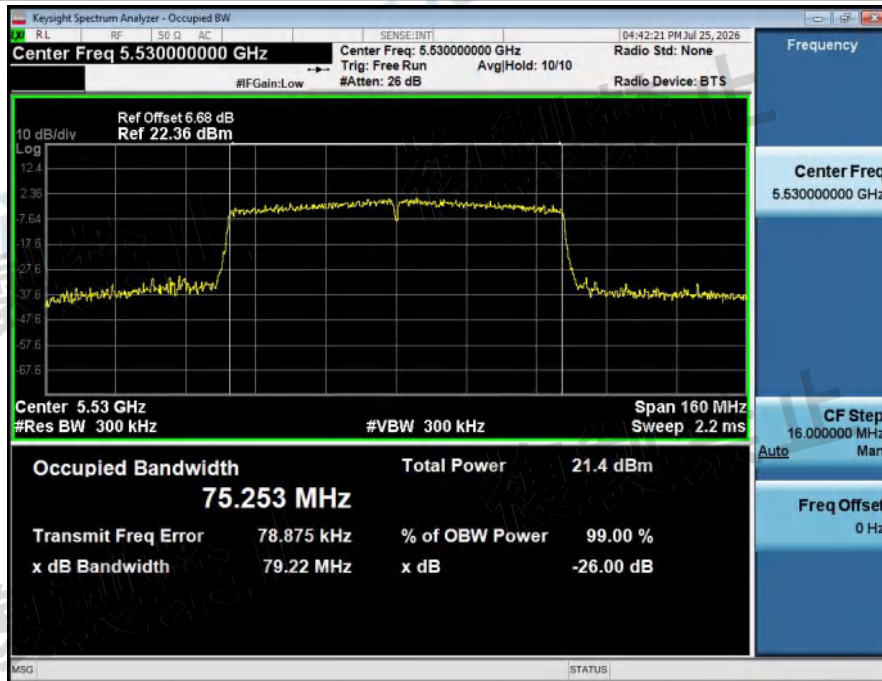
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5590_40M



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5710_40M



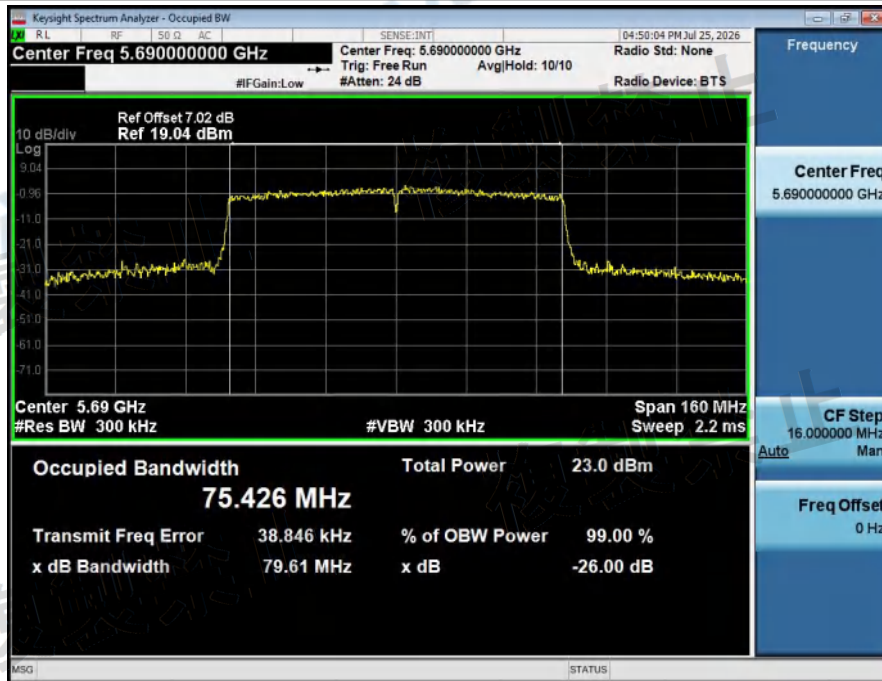
Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT80)_5530_80M



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT80)_5610_80M



Occupied_Frequency_Bandwidth_NVNT_ANT1_802_11ac(VHT80)_5690_80M



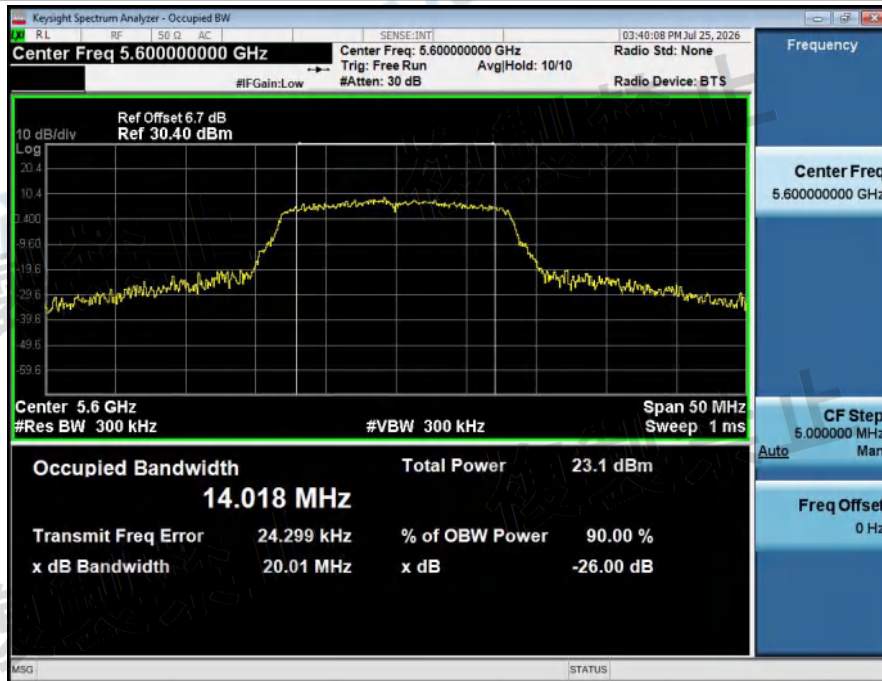
2. Spread Spectrum Bandwidth

Condition	Antenna	Mode	Frequency(MHz)	Spread Spectrum Bandwidth(MHz)
NVNT	ANT1	802.11a	5500.00	13.99
NVNT	ANT1	802.11a	5600.00	14.02
NVNT	ANT1	802.11a	5720.00	13.98
NVNT	ANT1	802.11n(HT20)	5500.00	14.89
NVNT	ANT1	802.11n(HT20)	5600.00	14.89
NVNT	ANT1	802.11n(HT20)	5720.00	15.02
NVNT	ANT1	802.11ac(VHT20)	5500.00	14.97
NVNT	ANT1	802.11ac(VHT20)	5600.00	14.84
NVNT	ANT1	802.11ac(VHT20)	5720.00	14.90
NVNT	ANT1	802.11n(HT40)	5510.00	30.85
NVNT	ANT1	802.11n(HT40)	5590.00	30.47
NVNT	ANT1	802.11n(HT40)	5710.00	30.49
NVNT	ANT1	802.11ac(VHT40)	5510.00	30.75
NVNT	ANT1	802.11ac(VHT40)	5590.00	30.42
NVNT	ANT1	802.11ac(VHT40)	5710.00	30.47
NVNT	ANT1	802.11ac(VHT80)	5530.00	64.34
NVNT	ANT1	802.11ac(VHT80)	5610.00	64.01
NVNT	ANT1	802.11ac(VHT80)	5690.00	65.65

Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11a_5500



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11a_5600



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11a_5720



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11n(HT20)_5500



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11n(HT20)_5600



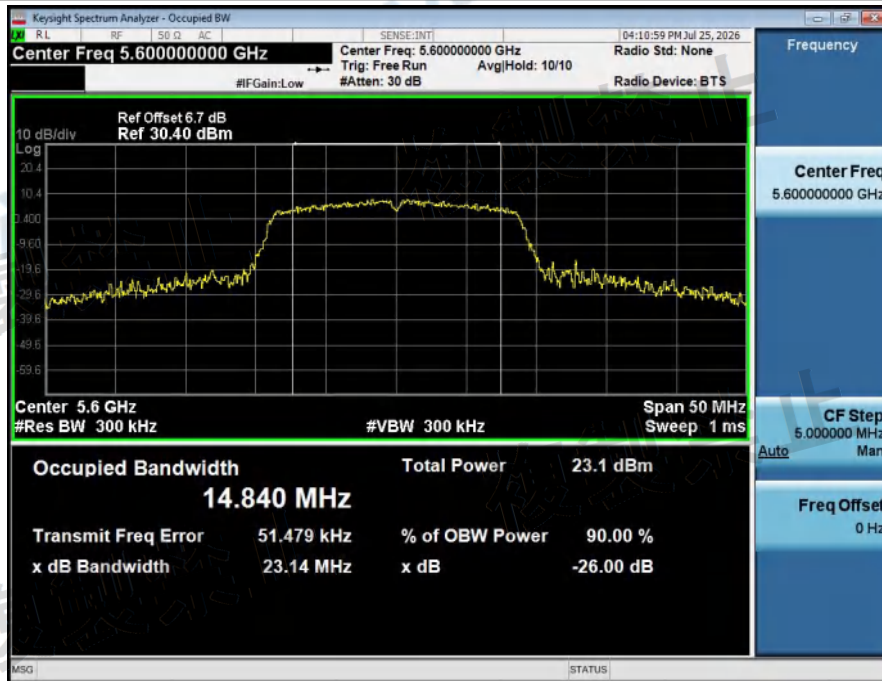
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11n(HT20)_5720



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5500



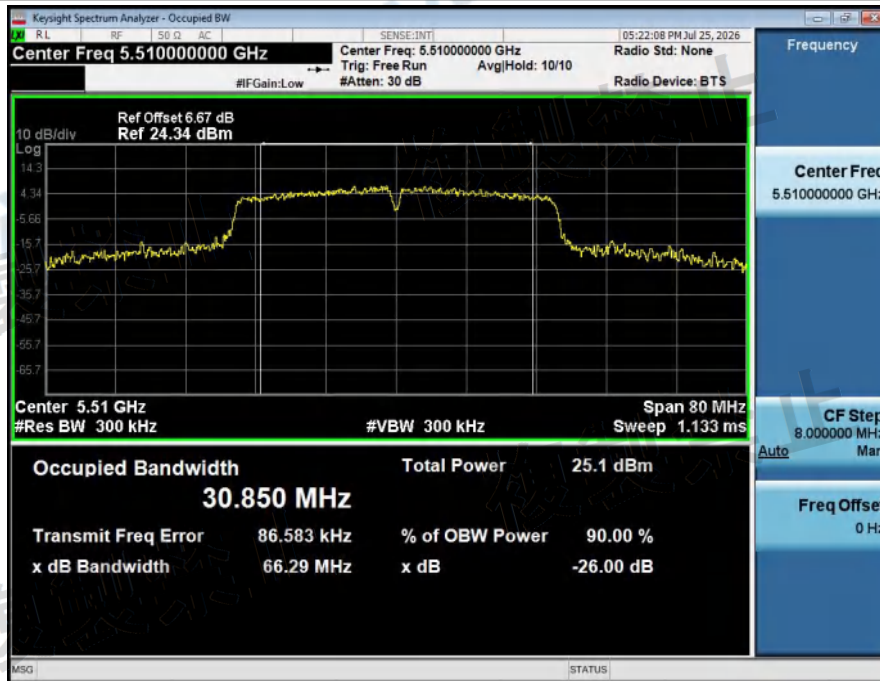
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5600



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5720



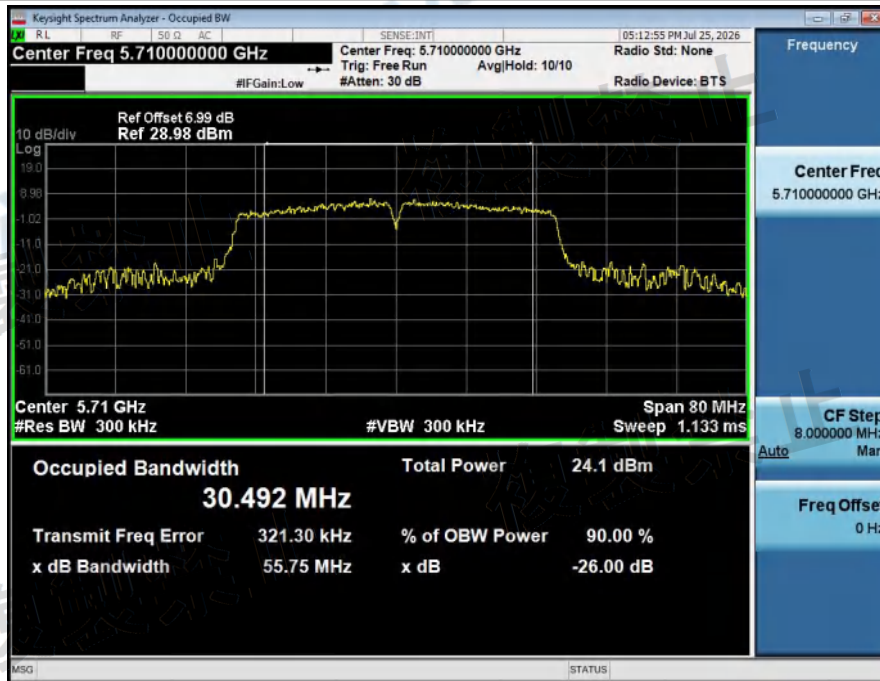
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11n(HT40)_5510



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11n(HT40)_5590



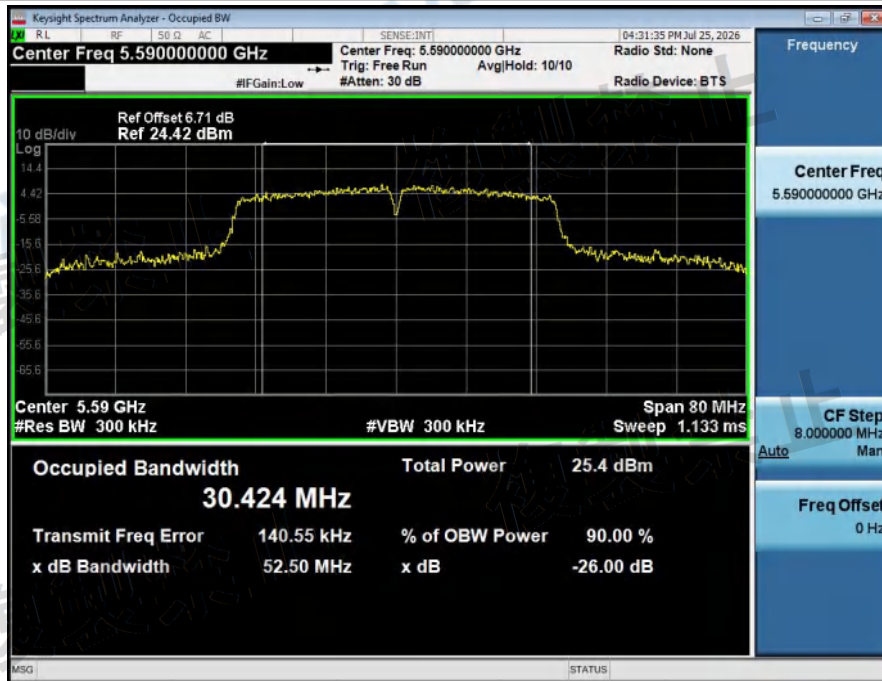
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11n(HT40)_5710



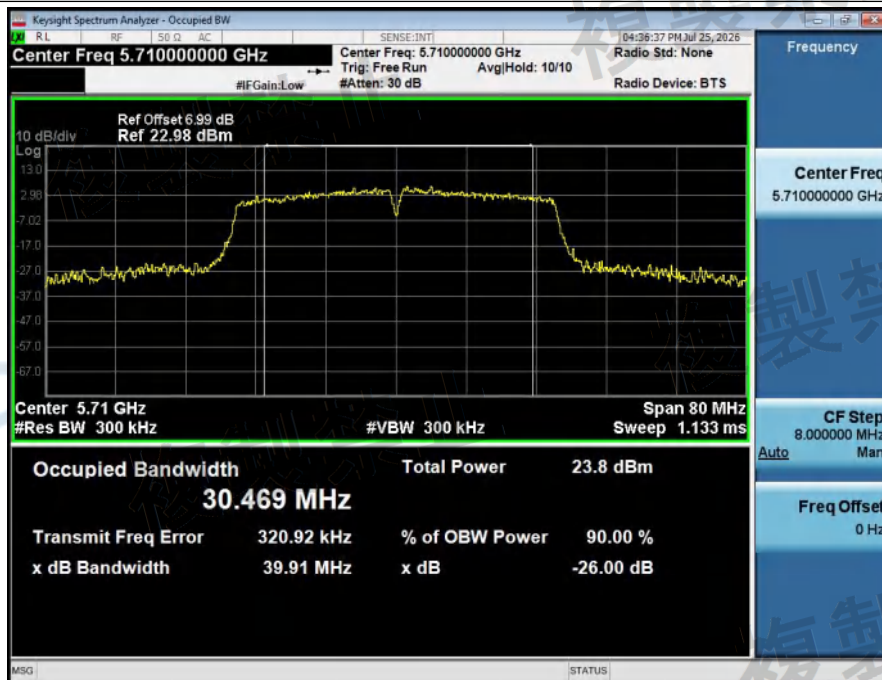
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5510



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5590



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5710



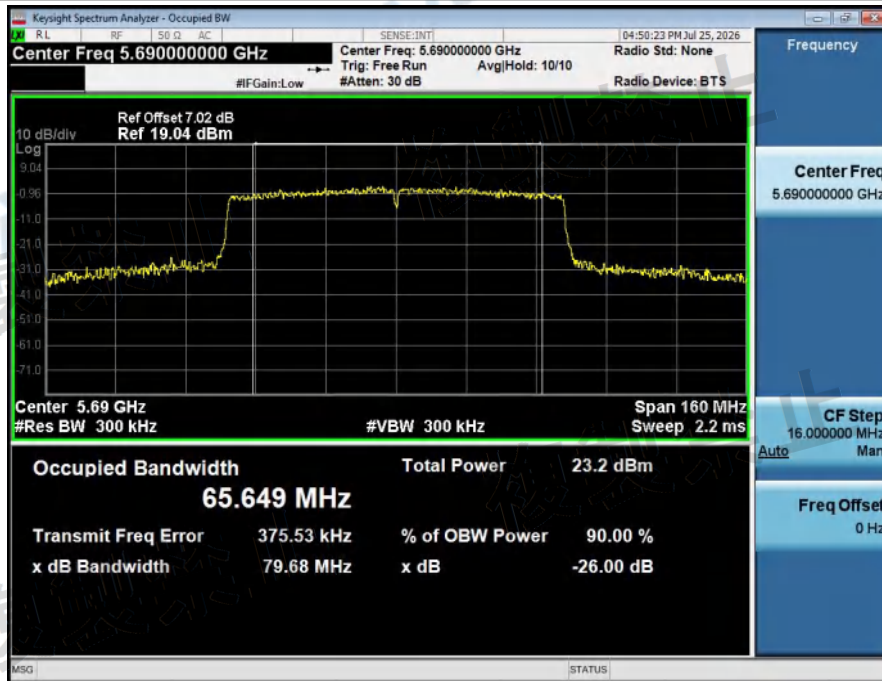
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT80)_5530



Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT80)_5610



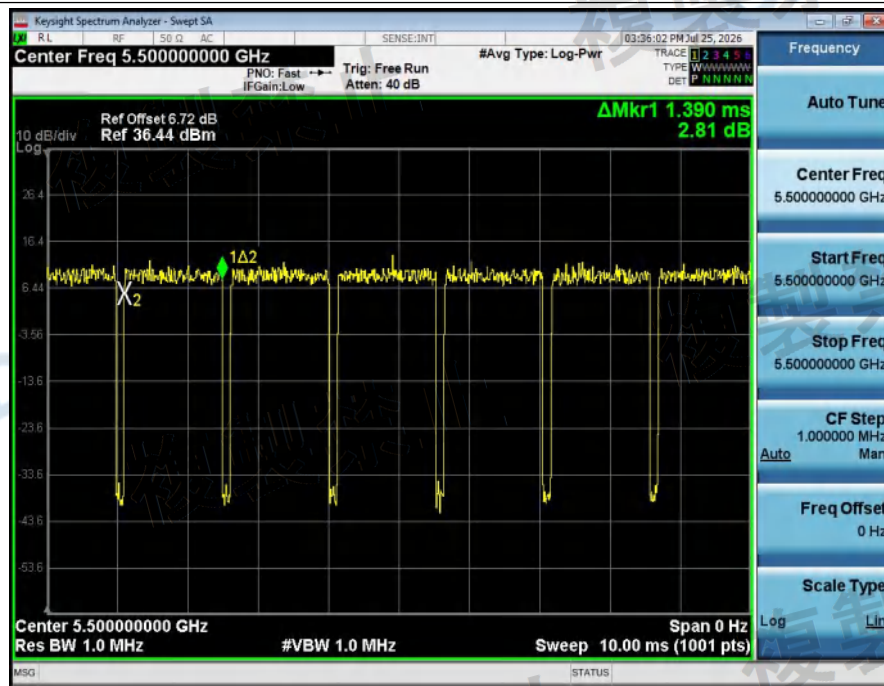
Spread_Spectrum_Bandwidth_NVNT_ANT1_802_11ac(VHT80)_5690



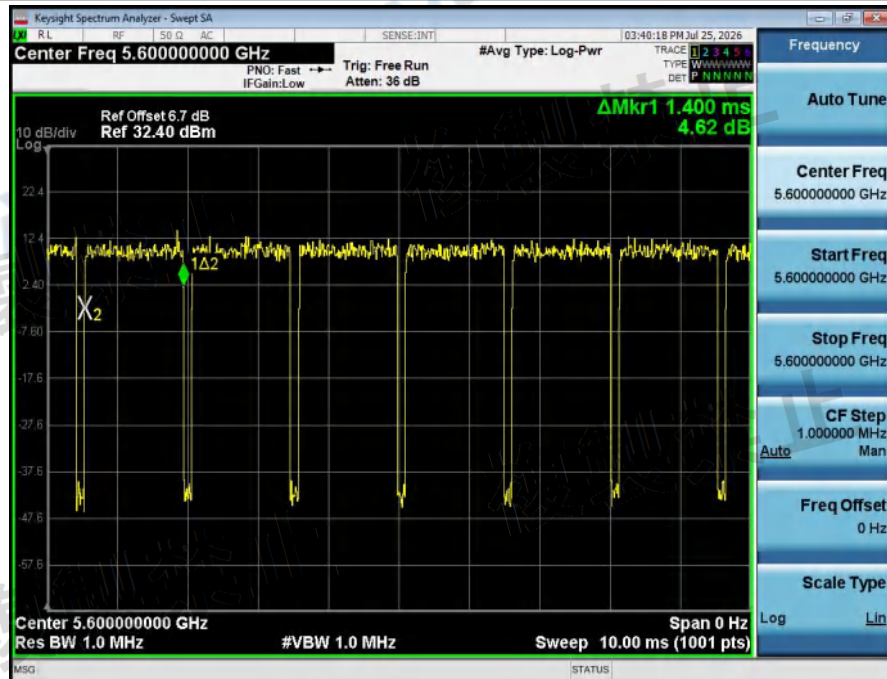
3. Burst Length

Condition	Antenna	Mode	Frequency	Burst_Length(ms)	Limit(ms)	Result
NVNT	ANT1	802.11a	5500.00	1.390	8	Pass
NVNT	ANT1	802.11a	5600.00	1.400	8	Pass
NVNT	ANT1	802.11a	5720.00	1.390	8	Pass
NVNT	ANT1	802.11n(HT20)	5500.00	1.300	8	Pass
NVNT	ANT1	802.11n(HT20)	5600.00	1.300	8	Pass
NVNT	ANT1	802.11n(HT20)	5720.00	1.300	8	Pass
NVNT	ANT1	802.11ac(VHT20)	5500.00	1.320	8	Pass
NVNT	ANT1	802.11ac(VHT20)	5600.00	1.310	8	Pass
NVNT	ANT1	802.11ac(VHT20)	5720.00	1.310	8	Pass
NVNT	ANT1	802.11n(HT40)	5510.00	0.650	8	Pass
NVNT	ANT1	802.11n(HT40)	5590.00	0.650	8	Pass
NVNT	ANT1	802.11n(HT40)	5710.00	0.650	8	Pass
NVNT	ANT1	802.11ac(VHT40)	5510.00	0.650	8	Pass
NVNT	ANT1	802.11ac(VHT40)	5590.00	0.650	8	Pass
NVNT	ANT1	802.11ac(VHT40)	5710.00	0.660	8	Pass
NVNT	ANT1	802.11ac(VHT80)	5530.00	0.330	8	Pass
NVNT	ANT1	802.11ac(VHT80)	5610.00	0.320	8	Pass
NVNT	ANT1	802.11ac(VHT80)	5690.00	0.320	8	Pass

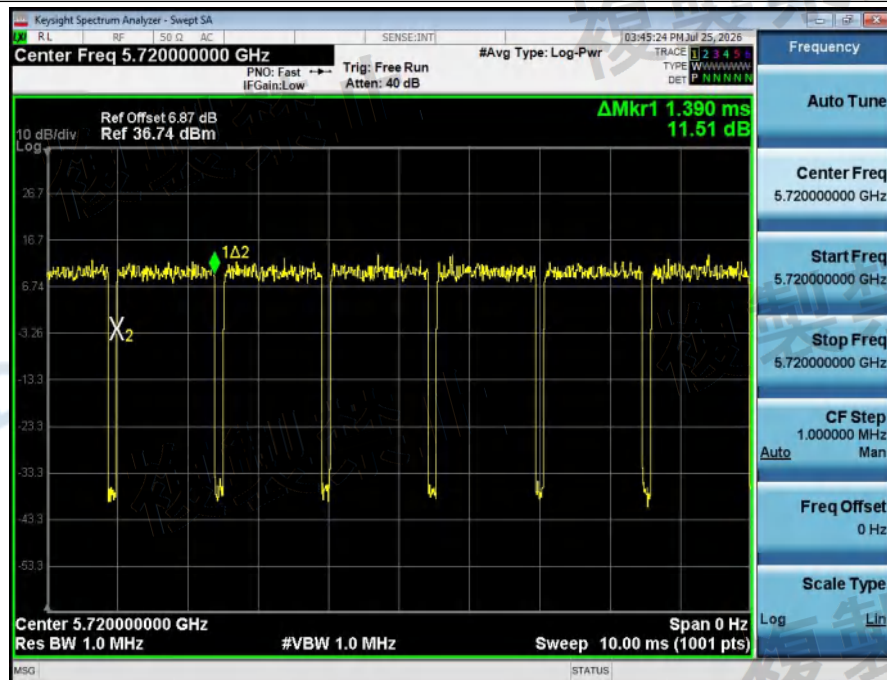
Burst_Length_NVNT_ANT1_802_11a_5500_20M



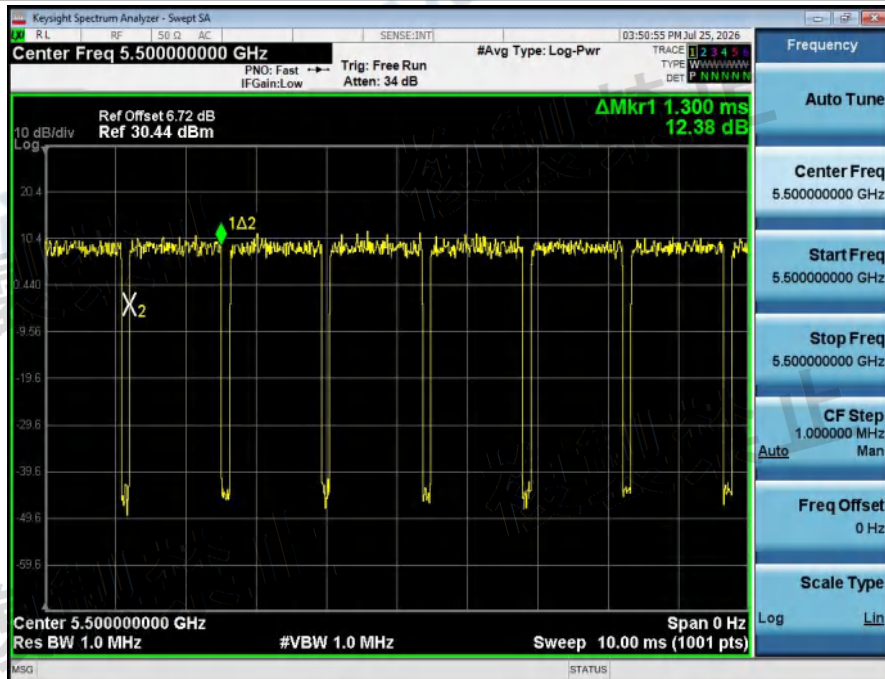
Burst_Length_NVNT_ANT1_802_11a_5600_20M



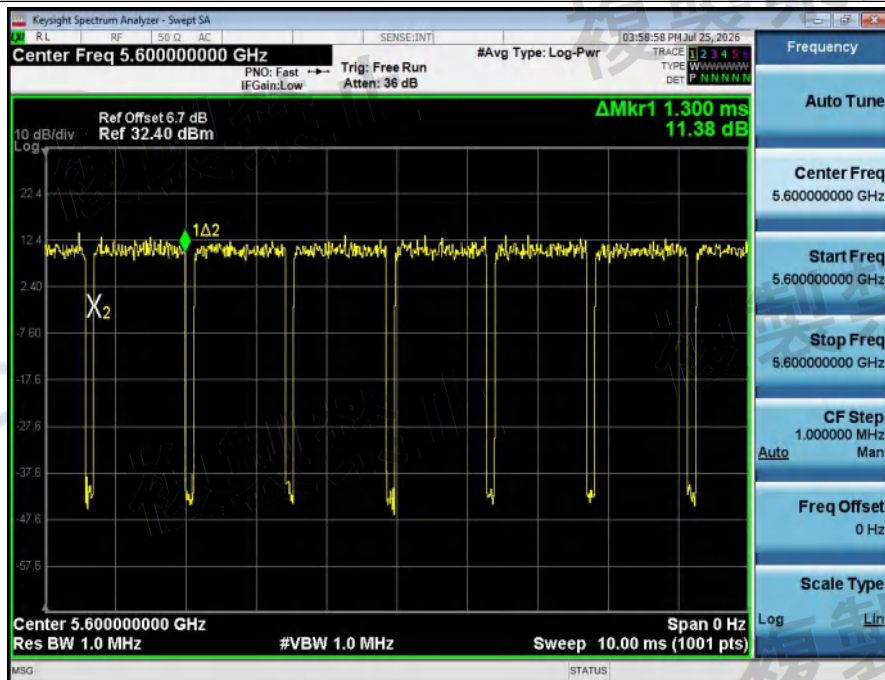
Burst_Length_NVNT_ANT1_802_11a_5720_20M



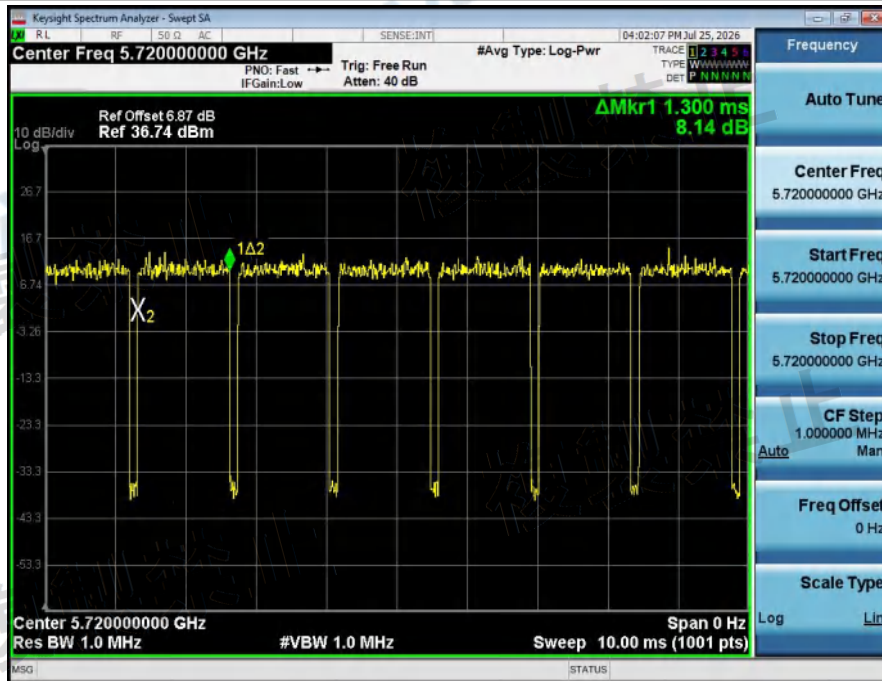
Burst_Length_NVNT_ANT1_802_11n(HT20)_5500_20M



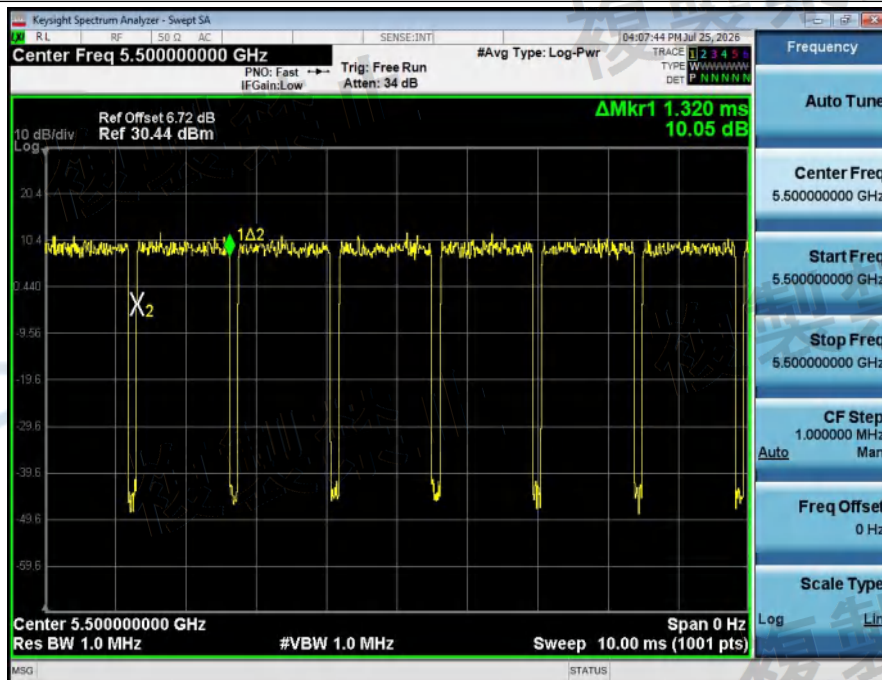
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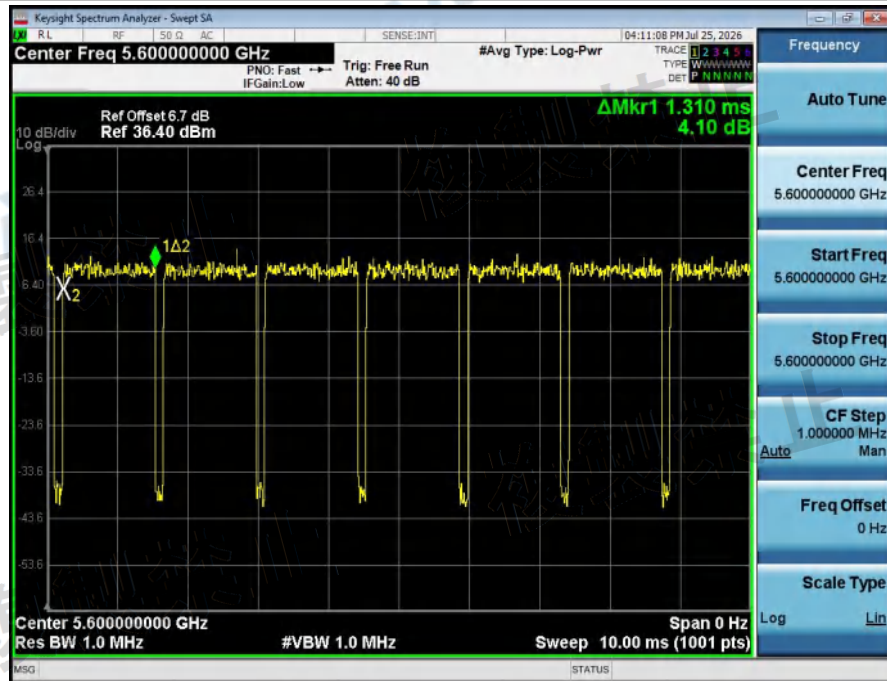
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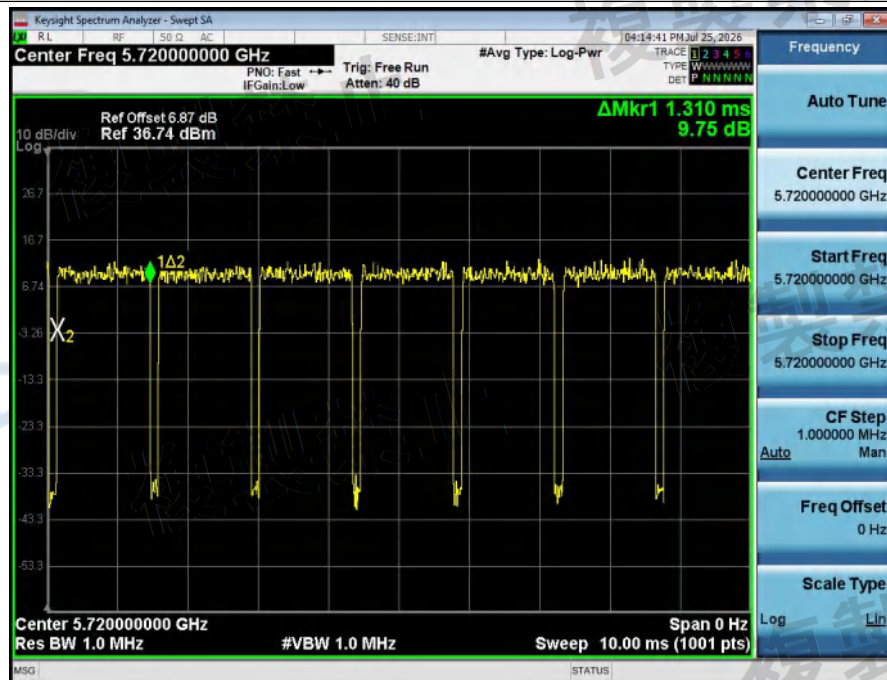
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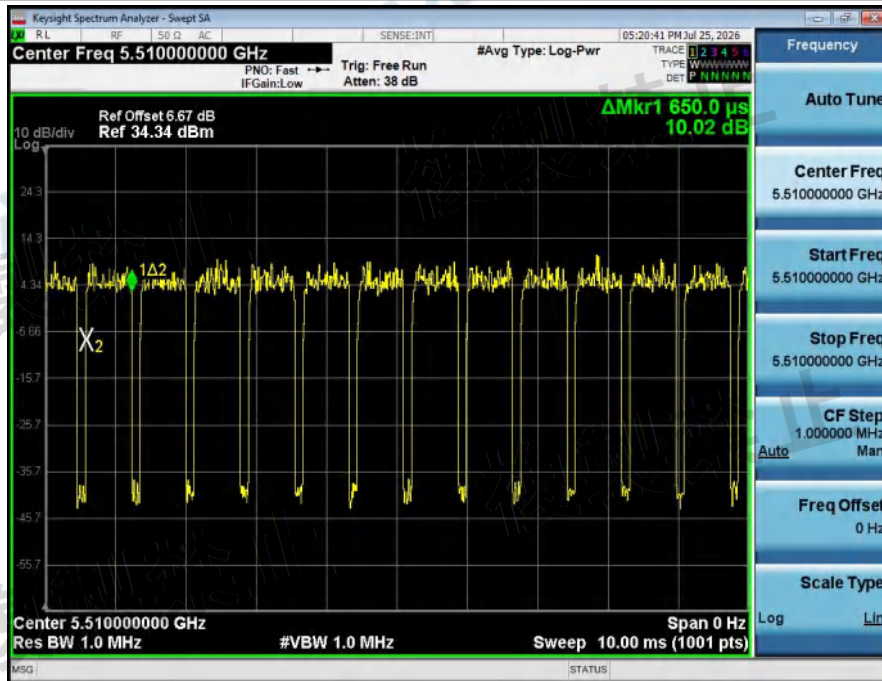
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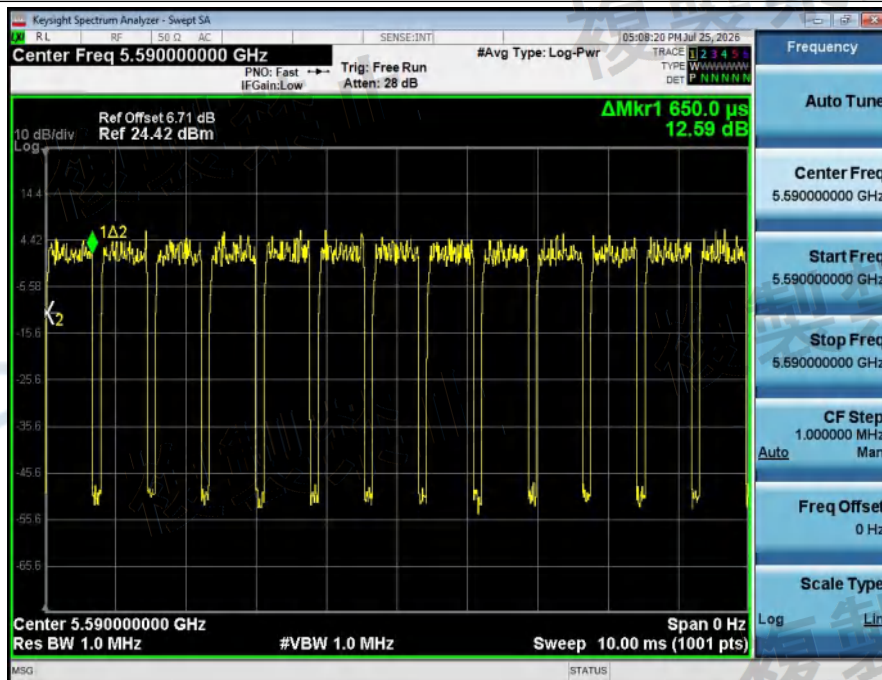
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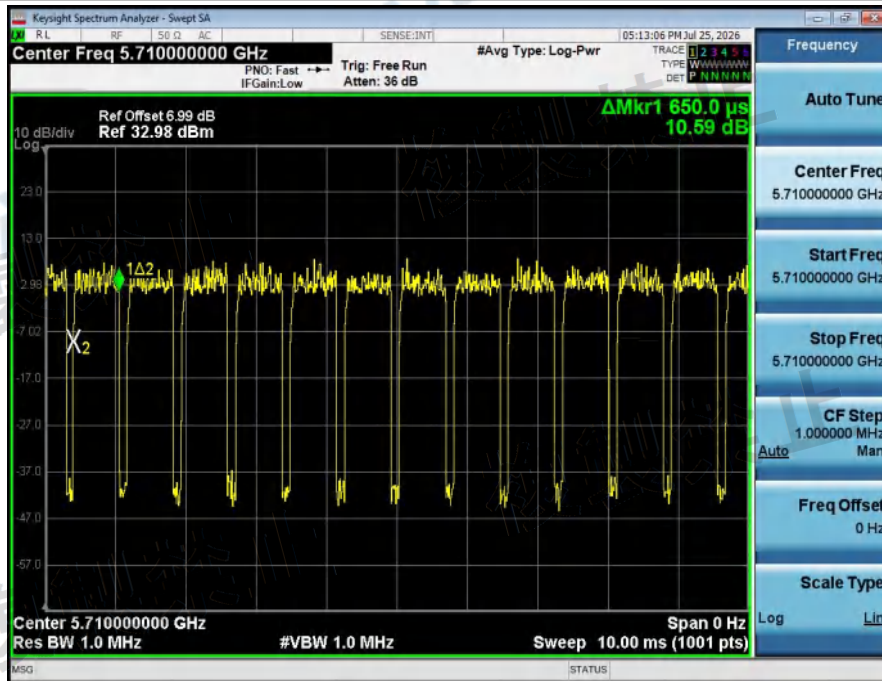
Burst_Length_NVNT_ANT1_802_11n(HT40)_5510_40M



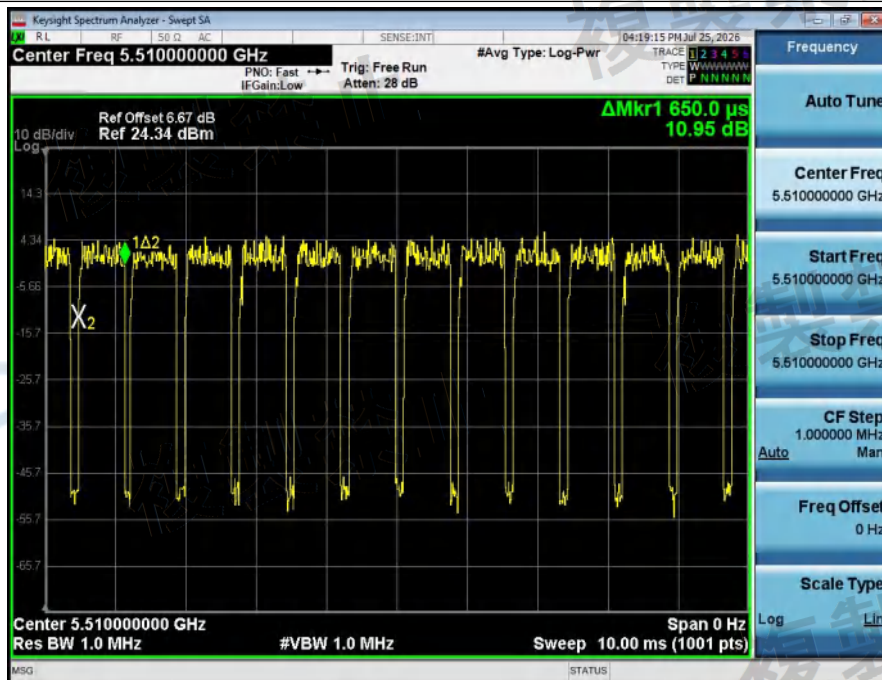
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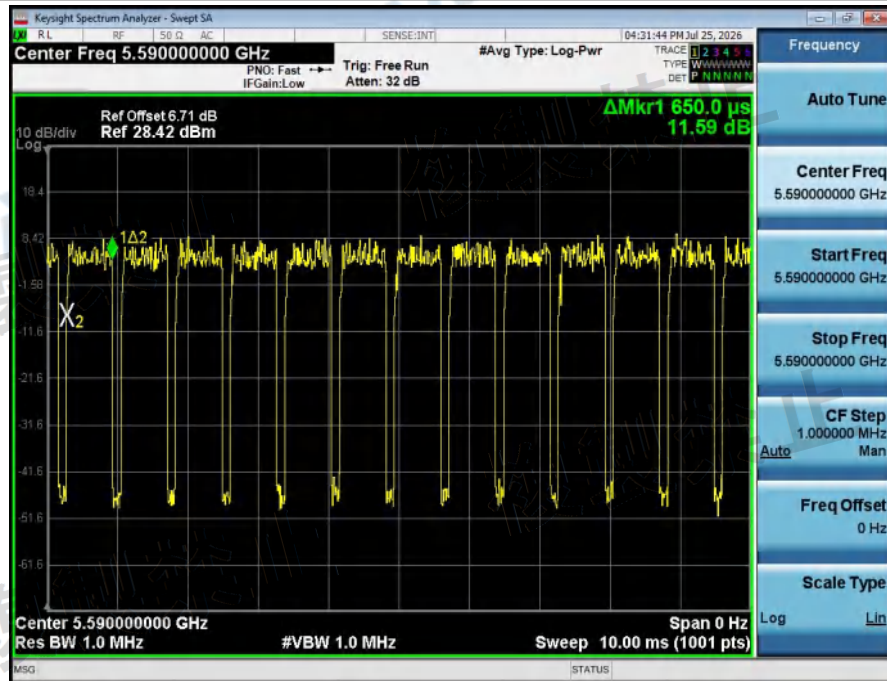
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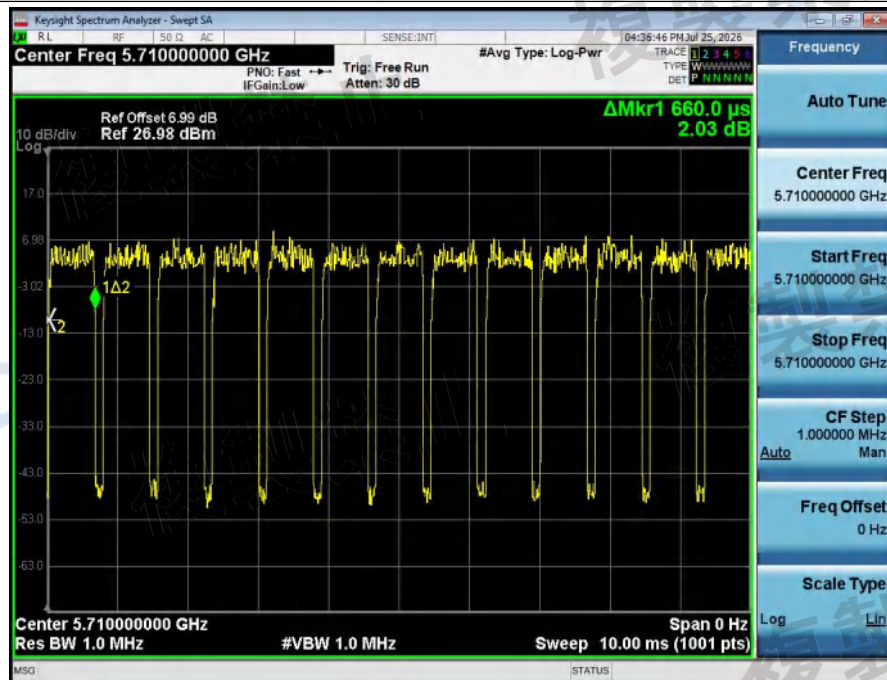
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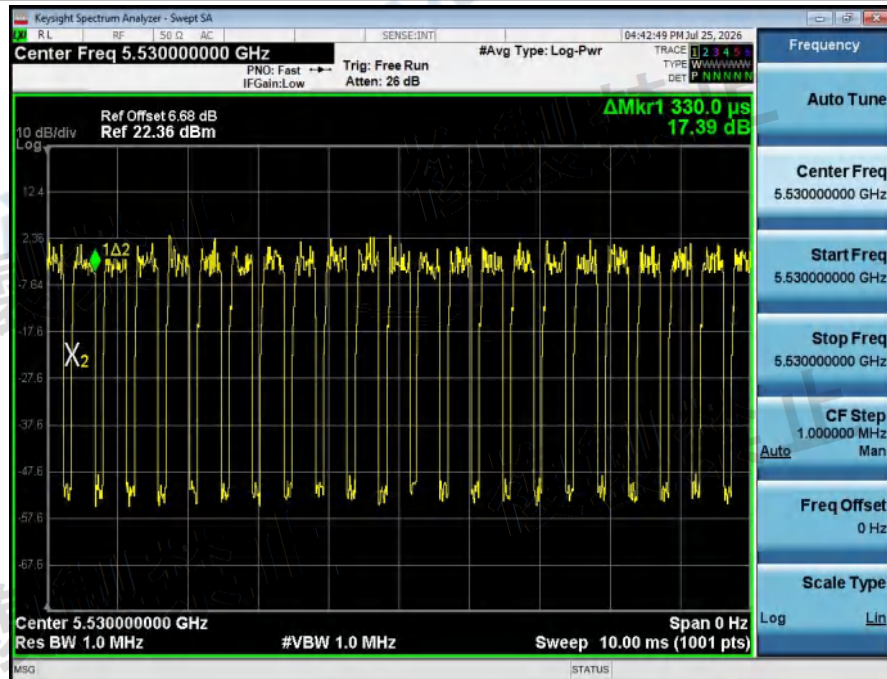
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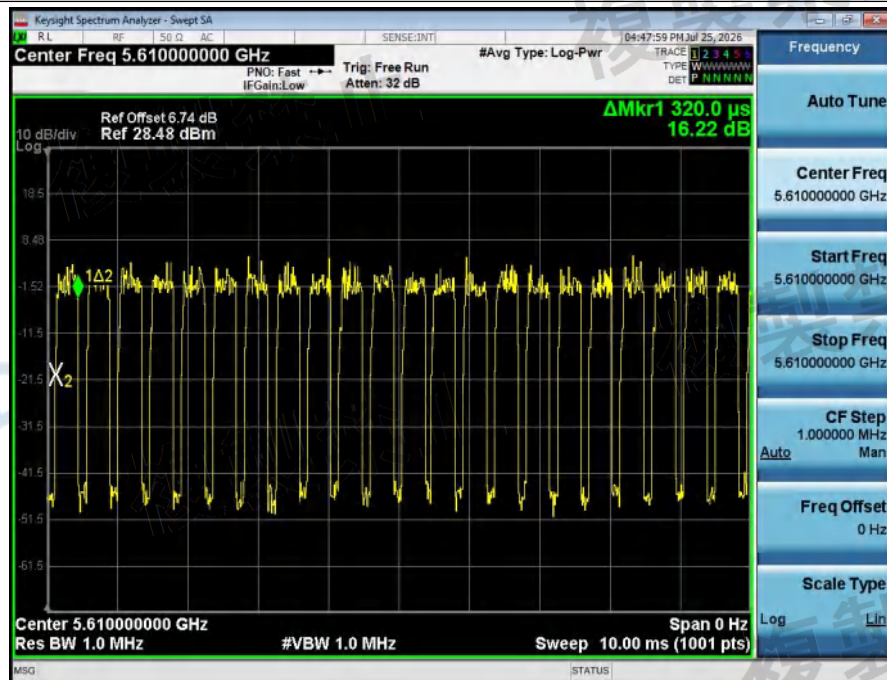
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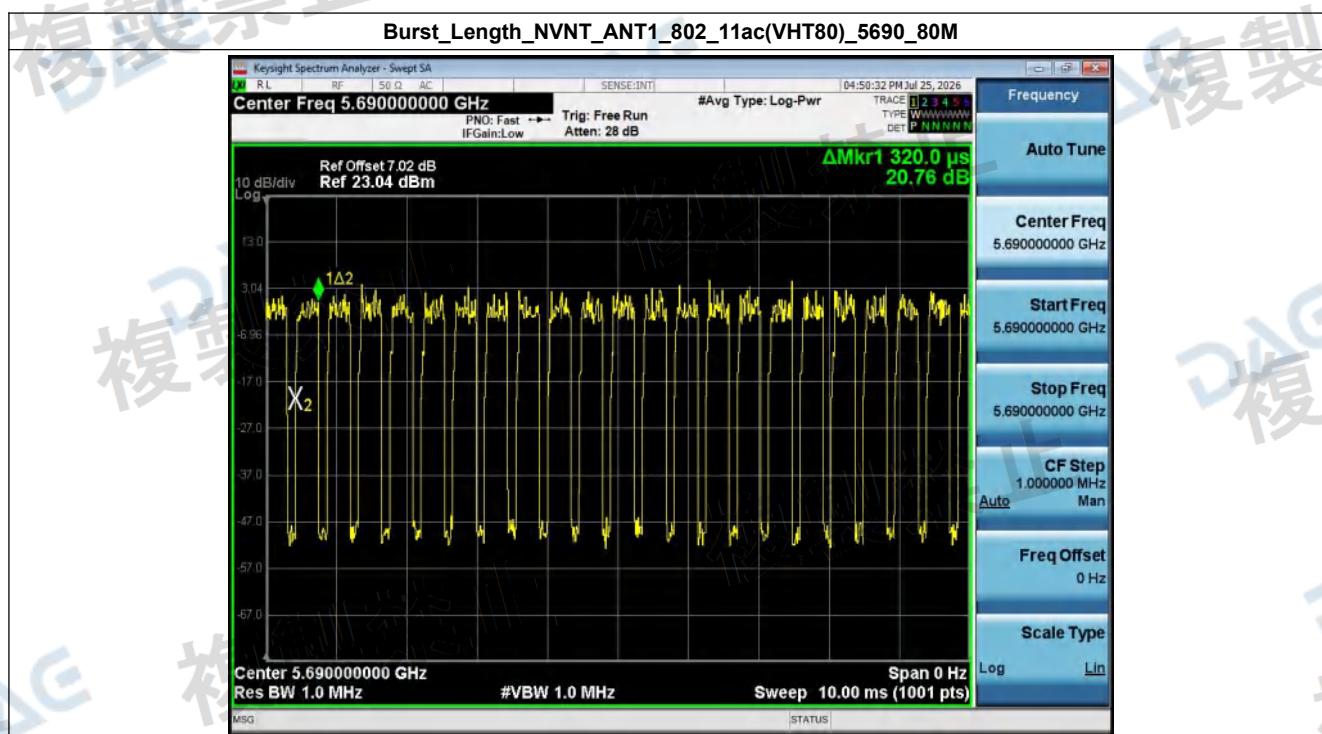


Burst_Length_NVNT_ANT1_802_11ac(VHT80)_5530_80M



Burst_Length_NVNT_ANT1_802_11ac(VHT80)_5610_80M





4. RF output power & E.I.R.P(Without TPC)

Condition	Antenna	Mode	Frequency	Measured Power (dBm)	Antenna Power (mW/MHz)	Rated Power (mW/MHz)	Power Limit (mW/MHz)	Power Tolerance (%)	Tolerance Limit(%)	Result
NVNT	ANT1	802.11a	5500.00	4.76	2.99	3	10.00	-0.26	-50~+50	Pass
NVNT	ANT1	802.11a	5600.00	4.37	2.74	3	10.00	-8.82	-50~+50	Pass
NVNT	ANT1	802.11a	5720.00	4.32	2.70	3	10.00	-9.87	-50~+50	Pass
NVNT	ANT1	802.11n(HT20)	5500.00	4.10	2.57	3	10.00	-14.32	-50~+50	Pass
NVNT	ANT1	802.11n(HT20)	5600.00	4.36	2.73	3	10.00	-9.03	-50~+50	Pass
NVNT	ANT1	802.11n(HT20)	5720.00	4.31	2.70	3	10.00	-10.08	-50~+50	Pass
NVNT	ANT1	802.11ac(VHT20)	5500.00	4.32	2.70	3	10.00	-9.87	-50~+50	Pass
NVNT	ANT1	802.11ac(VHT20)	5600.00	4.00	2.51	3	10.00	-16.27	-50~+50	Pass
NVNT	ANT1	802.11ac(VHT20)	5720.00	4.09	2.56	3	10.00	-14.52	-50~+50	Pass
NVNT	ANT1	802.11n(HT40)	5510.00	1.92	1.56	2	5.00	-22.20	-50~+50	Pass
NVNT	ANT1	802.11n(HT40)	5590.00	1.91	1.57	2	5.00	-21.48	-50~+50	Pass
NVNT	ANT1	802.11n(HT40)	5710.00	1.43	1.39	2	5.00	-30.50	-50~+50	Pass
NVNT	ANT1	802.11ac(VHT40)	5510.00	1.79	1.51	2	5.00	-24.50	-50~+50	Pass
NVNT	ANT1	802.11ac(VHT40)	5590.00	1.81	1.52	2	5.00	-24.15	-50~+50	Pass
NVNT	ANT1	802.11ac(VHT40)	5710.00	1.65	1.46	2	5.00	-26.89	-50~+50	Pass
NVNT	ANT1	802.11ac(VHT80)	5530.00	-2.72	0.53	1	2.50	-46.54	-50~+50	Pass
NVNT	ANT1	802.11ac(VHT80)	5610.00	-2.04	0.63	1	2.50	-37.48	-50~+50	Pass
NVNT	ANT1	802.11ac(VHT80)	5690.00	-2.72	0.53	1	2.50	-46.54	-50~+50	Pass

Condition	Antenna	Mode	Frequency	Measured Power(dBm/MHz)	Antenna Gain(dBi)	EIRP (dBm/MHz)	EIRP (mW/MHz)	EIRP Limit(mW/MHz)	Result
NVNT	ANT1	802.11a	5500.00	4.76	3.07	7.83	6.067	25	Pass
NVNT	ANT1	802.11a	5600.00	4.37	3.07	7.44	5.546	25	Pass
NVNT	ANT1	802.11a	5720.00	4.32	3.07	7.39	5.483	25	Pass
NVNT	ANT1	802.11n(HT20)	5500.00	4.1	3.07	7.17	5.212	25	Pass
NVNT	ANT1	802.11n(HT20)	5600.00	4.36	3.07	7.43	5.534	25	Pass
NVNT	ANT1	802.11n(HT20)	5720.00	4.31	3.07	7.38	5.470	25	Pass
NVNT	ANT1	802.11ac(VHT20)	5500.00	4.32	3.07	7.39	5.483	25	Pass
NVNT	ANT1	802.11ac(VHT20)	5600.00	4.00	3.07	7.07	5.093	25	Pass
NVNT	ANT1	802.11ac(VHT20)	5720.00	4.09	3.07	7.16	5.200	25	Pass
NVNT	ANT1	802.11n(HT40)	5510.00	1.92	3.07	4.99	3.155	12.5	Pass
NVNT	ANT1	802.11n(HT40)	5590.00	1.91	3.07	4.98	3.148	12.5	Pass
NVNT	ANT1	802.11n(HT40)	5710.00	1.43	3.07	4.50	2.818	12.5	Pass
NVNT	ANT1	802.11ac(VHT40)	5510.00	1.79	3.07	4.86	3.062	12.5	Pass
NVNT	ANT1	802.11ac(VHT40)	5590.00	1.81	3.07	4.88	3.076	12.5	Pass
NVNT	ANT1	802.11ac(VHT40)	5710.00	1.65	3.07	4.72	2.965	12.5	Pass
NVNT	ANT1	802.11ac(VHT80)	5530.00	-2.72	3.07	0.35	1.084	6.25	Pass
NVNT	ANT1	802.11ac(VHT80)	5610.00	-2.04	3.07	1.03	1.268	6.25	Pass
NVNT	ANT1	802.11ac(VHT80)	5690.00	-2.72	3.07	0.35	1.084	6.25	Pass

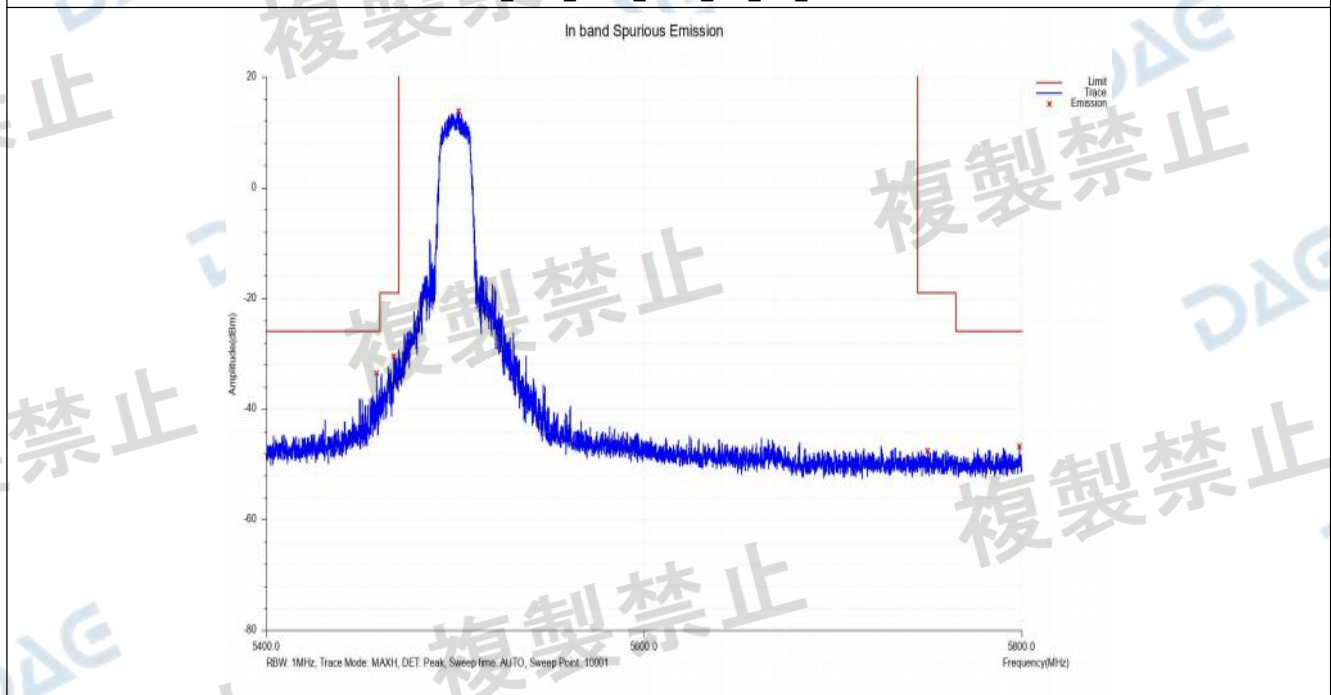
5. Spurious Emissions

Condition	Mode	TX Freq. (MHz)	Freq Range (MHz)	Spur. Freq. (MHz)	Amplitude (dBm/MHz)	Limit (dBm/MHz)	Spur. Level	Limit	Result
NVNT	802.11a	5500.00	5400.0~5460.0	5458.320	-33.59	-26.00	0.4374μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5500.00	5460.0~5470.0	5467.520	-30.44	-19.00	0.9033μW/MHz	12.5μW/MHz	Pass
NVNT	802.11a	5500.00	5745.0~5765.0	5750.080	-47.55	-19.00	0.0175μW/MHz	12.5μW/MHz	Pass
NVNT	802.11a	5500.00	5765.0~5800.0	5798.800	-46.71	-26.00	0.0213μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5500.00	30.0~5400.0	5333.043	-45.12	-26.00	0.0307μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5500.00	5800.0~10000.0	7107.703	-45.91	-26.00	0.0256μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5500.00	10000.0~26000.0	16505.600	-35.83	-26.00	0.2614μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5600.00	5400.0~5460.0	5433.080	-46.53	-26.00	0.0222μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5600.00	5460.0~5470.0	5467.080	-47.06	-19.00	0.0196μW/MHz	12.5μW/MHz	Pass
NVNT	802.11a	5600.00	5745.0~5765.0	5763.840	-46.31	-19.00	0.0233μW/MHz	12.5μW/MHz	Pass
NVNT	802.11a	5600.00	5765.0~5800.0	5773.920	-43.32	-26.00	0.0465μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5600.00	30.0~5400.0	3035.955	-44.72	-26.00	0.0337μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5600.00	5800.0~10000.0	5834.534	-44.93	-26.00	0.0321μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5600.00	10000.0~26000.0	16792.000	-39.64	-26.00	0.1085μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5720.00	5400.0~5460.0	5431.040	-47.34	-26.00	0.0184μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5720.00	5460.0~5470.0	5462.880	-48.53	-19.00	0.0140μW/MHz	12.5μW/MHz	Pass
NVNT	802.11a	5720.00	5745.0~5765.0	5745.200	-23.67	-19.00	4.2956μW/MHz	12.5μW/MHz	Pass
NVNT	802.11a	5720.00	5765.0~5800.0	5774.920	-37.51	-26.00	0.1775μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5720.00	30.0~5400.0	2706.945	-44.91	-26.00	0.0322μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5720.00	5800.0~10000.0	5803.627	-44.54	-26.00	0.0351μW/MHz	2.5μW/MHz	Pass
NVNT	802.11a	5720.00	10000.0~26000.0	17164.800	-39.55	-26.00	0.1108μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5500.00	5400.0~5460.0	5452.880	-33.36	-26.00	0.4609μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5500.00	5460.0~5470.0	5461.200	-28.62	-19.00	1.3752μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT20)	5500.00	5745.0~5765.0	5751.600	-47.27	-19.00	0.0187μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT20)	5500.00	5765.0~5800.0	5796.640	-46.04	-26.00	0.0248μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5500.00	30.0~5400.0	2622.200	-45.01	-26.00	0.0315μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5500.00	5800.0~10000.0	5837.525	-45.31	-26.00	0.0294μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5500.00	10000.0~26000.0	16504.000	-37.16	-26.00	0.1923μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5600.00	5400.0~5460.0	5440.760	-46.45	-26.00	0.0226μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5600.00	5460.0~5470.0	5469.640	-46.48	-19.00	0.0224μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT20)	5600.00	5745.0~5765.0	5752.040	-45.33	-19.00	0.0293μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT20)	5600.00	5765.0~5800.0	5766.360	-45.68	-26.00	0.0270μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5600.00	30.0~5400.0	2666.068	-45.30	-26.00	0.0294μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5600.00	5800.0~10000.0	6314.091	-45.59	-26.00	0.0275μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5600.00	10000.0~26000.0	16806.400	-38.89	-26.00	0.1289μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5720.00	5400.0~5460.0	5459.520	-47.77	-26.00	0.0167μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5720.00	5460.0~5470.0	5466.920	-47.29	-19.00	0.0186μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT20)	5720.00	5745.0~5765.0	5745.040	-22.00	-19.00	6.3055μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT20)	5720.00	5765.0~5800.0	5773.920	-34.95	-26.00	0.3195μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5720.00	30.0~5400.0	2497.575	-45.24	-26.00	0.0299μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5720.00	5800.0~10000.0	5859.459	-44.48	-26.00	0.0356μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT20)	5720.00	10000.0~26000.0	17158.400	-39.17	-26.00	0.1211μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5500.00	5400.0~5460.0	5457.560	-34.79	-26.00	0.3315μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5500.00	5460.0~5470.0	5467.520	-28.47	-19.00	1.4212μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5500.00	5745.0~5765.0	5752.360	-46.04	-19.00	0.0248μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5500.00	5765.0~5800.0	5783.080	-45.20	-26.00	0.0301μW/MHz	2.5μW/MHz	Pass

NVNT	802.11ac(VHT20)	5500.00	30.0~5400.0	5366.941	-44.32	-26.00	0.0369μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5500.00	5800.0~10000.0	7147.583	-45.83	-26.00	0.0261μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5500.00	10000.0~26000.0	16504.000	-38.65	-26.00	0.1365μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5600.00	5400.0~5460.0	5432.840	-45.87	-26.00	0.0258μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5600.00	5460.0~5470.0	5461.280	-46.98	-19.00	0.0200μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5600.00	5745.0~5765.0	5762.240	-45.05	-19.00	0.0312μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5600.00	5765.0~5800.0	5791.840	-46.05	-26.00	0.0248μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5600.00	30.0~5400.0	3674.035	-44.63	-26.00	0.0344μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5600.00	5800.0~10000.0	5814.594	-45.32	-26.00	0.0293μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5600.00	10000.0~26000.0	16801.600	-40.92	-26.00	0.0809μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5720.00	5400.0~5460.0	5414.240	-47.41	-26.00	0.0181μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5720.00	5460.0~5470.0	5468.600	-47.45	-19.00	0.0179μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5720.00	5745.0~5765.0	5745.240	-23.81	-19.00	4.1555μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5720.00	5765.0~5800.0	5771.160	-32.50	-26.00	0.5629μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5720.00	30.0~5400.0	3682.011	-45.85	-26.00	0.0260μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5720.00	5800.0~10000.0	5835.531	-43.86	-26.00	0.0411μW/MHz	2.5μW/MHz	Pass
NVNT	802.11ac(VHT20)	5720.00	10000.0~26000.0	17161.600	-41.13	-26.00	0.0770μW/MHz	2.5μW/MHz	Pass
NVNT	802.11n(HT40)	5510.00	5400.0~5460.0	5458.320	-20.11	-19.00	9.7584μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT40)	5510.00	5460.0~5470.0	5469.920	-17.52	-13.00	17.6984μW/MHz	50μW/MHz	Pass
NVNT	802.11n(HT40)	5510.00	5770.0~5800.0	5771.440	-46.42	-19.00	0.0228μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT40)	5510.00	30.0~5400.0	5398.845	-42.75	-19.00	0.0530μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT40)	5510.00	5800.0~10000.0	6261.250	-45.27	-19.00	0.0296μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT40)	5510.00	10000.0~26000.0	16518.400	-40.41	-19.00	0.0910μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT40)	5590.00	5400.0~5460.0	5447.240	-43.30	-19.00	0.0467μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT40)	5590.00	5460.0~5470.0	5466.920	-42.95	-13.00	0.0507μW/MHz	50μW/MHz	Pass
NVNT	802.11n(HT40)	5590.00	5770.0~5800.0	5781.960	-45.37	-19.00	0.0290μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT40)	5590.00	30.0~5400.0	3683.008	-45.27	-19.00	0.0297μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT40)	5590.00	5800.0~10000.0	5856.468	-44.50	-19.00	0.0354μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT40)	5590.00	10000.0~26000.0	16771.200	-42.83	-19.00	0.0521μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT40)	5710.00	5400.0~5460.0	5401.960	-46.66	-19.00	0.0215μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT40)	5710.00	5460.0~5470.0	5469.160	-47.90	-13.00	0.0162μW/MHz	50μW/MHz	Pass
NVNT	802.11n(HT40)	5710.00	5770.0~5800.0	5770.960	-26.78	-19.00	2.1012μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT40)	5710.00	30.0~5400.0	3712.918	-44.09	-19.00	0.0390μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT40)	5710.00	5800.0~10000.0	5807.615	-38.06	-19.00	0.1564μW/MHz	12.5μW/MHz	Pass
NVNT	802.11n(HT40)	5710.00	10000.0~26000.0	17139.200	-42.53	-19.00	0.0558μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5510.00	5400.0~5460.0	5458.960	-26.19	-19.00	2.4041μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5510.00	5460.0~5470.0	5469.120	-17.94	-13.00	16.0627μW/MHz	50μW/MHz	Pass
NVNT	802.11ac(VHT40)	5510.00	5770.0~5800.0	5775.640	-46.69	-19.00	0.0214μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5510.00	30.0~5400.0	5391.866	-42.98	-19.00	0.0503μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5510.00	5800.0~10000.0	6455.665	-45.24	-19.00	0.0299μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5510.00	10000.0~26000.0	16524.800	-39.39	-19.00	0.1150μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5590.00	5400.0~5460.0	5444.520	-43.18	-19.00	0.0480μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5590.00	5460.0~5470.0	5467.080	-42.24	-13.00	0.0597μW/MHz	50μW/MHz	Pass
NVNT	802.11ac(VHT40)	5590.00	5770.0~5800.0	5797.960	-46.17	-19.00	0.0241μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5590.00	30.0~5400.0	3737.843	-45.50	-19.00	0.0281μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5590.00	5800.0~10000.0	5824.564	-45.38	-19.00	0.0289μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5590.00	10000.0~26000.0	16764.800	-41.18	-19.00	0.0762μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5710.00	5400.0~5460.0	5438.400	-46.99	-19.00	0.0199μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5710.00	5460.0~5470.0	5465.960	-47.96	-13.00	0.0159μW/MHz	50μW/MHz	Pass
NVNT	802.11ac(VHT40)	5710.00	5770.0~5800.0	5774.400	-29.96	-19.00	1.0088μW/MHz	12.5μW/MHz	Pass

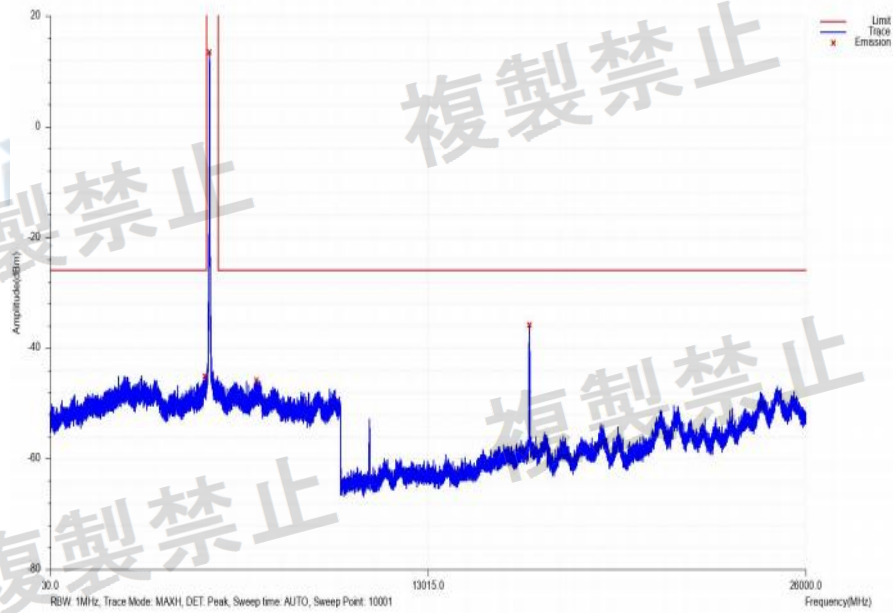
NVNT	802.11ac(VHT40)	5710.00	30.0~5400.0	5339.025	-45.53	-19.00	0.0280μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5710.00	5800.0~10000.0	5805.621	-40.65	-19.00	0.0860μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT40)	5710.00	10000.0~26000.0	17126.400	-44.50	-19.00	0.0354μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5530.00	5400.0~5460.0	5454.280	-25.21	-19.00	3.0104μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5530.00	5460.0~5469.5	5468.160	-22.11	-13.00	6.1573μW/MHz	50μW/MHz	Pass
NVNT	802.11ac(VHT80)	5530.00	5469.5~5470.0	5469.800	-23.75	-12.91	4.2182μW/MHz	51.2μW/MHz	Pass
NVNT	802.11ac(VHT80)	5530.00	5770.0~5800.0	5779.560	-45.86	-19.00	0.0259μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5530.00	30.0~5400.0	5386.881	-39.80	-19.00	0.1047μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5530.00	5800.0~10000.0	6998.033	-45.27	-19.00	0.0297μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5530.00	10000.0~26000.0	16593.600	-46.80	-19.00	0.0208μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5610.00	5400.0~5460.0	5456.840	-38.85	-19.00	0.1302μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5610.00	5460.0~5469.5	5462.960	-39.97	-13.00	0.1007μW/MHz	50μW/MHz	Pass
NVNT	802.11ac(VHT80)	5610.00	5469.5~5470.0	5469.960	-40.41	-12.91	0.0909μW/MHz	51.2μW/MHz	Pass
NVNT	802.11ac(VHT80)	5610.00	5770.0~5800.0	5771.240	-39.73	-19.00	0.1065μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5610.00	30.0~5400.0	3031.967	-45.47	-19.00	0.0283μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5610.00	5800.0~10000.0	5829.549	-43.64	-19.00	0.0432μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5610.00	10000.0~26000.0	16864.000	-45.38	-19.00	0.0289μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5690.00	5400.0~5460.0	5432.400	-46.55	-19.00	0.0221μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5690.00	5460.0~5469.5	5462.920	-46.34	-13.00	0.0232μW/MHz	50μW/MHz	Pass
NVNT	802.11ac(VHT80)	5690.00	5469.5~5470.0	5469.880	-48.23	-12.91	0.0150μW/MHz	51.2μW/MHz	Pass
NVNT	802.11ac(VHT80)	5690.00	5770.0~5800.0	5784.120	-23.73	-19.00	4.2333μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5690.00	30.0~5400.0	3620.197	-45.30	-19.00	0.0295μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5690.00	5800.0~10000.0	5808.612	-32.22	-19.00	0.5991μW/MHz	12.5μW/MHz	Pass
NVNT	802.11ac(VHT80)	5690.00	10000.0~26000.0	25057.600	-46.24	-19.00	0.0237μW/MHz	12.5μW/MHz	Pass

In_band_NVNT_ANT1_802_11a_5500



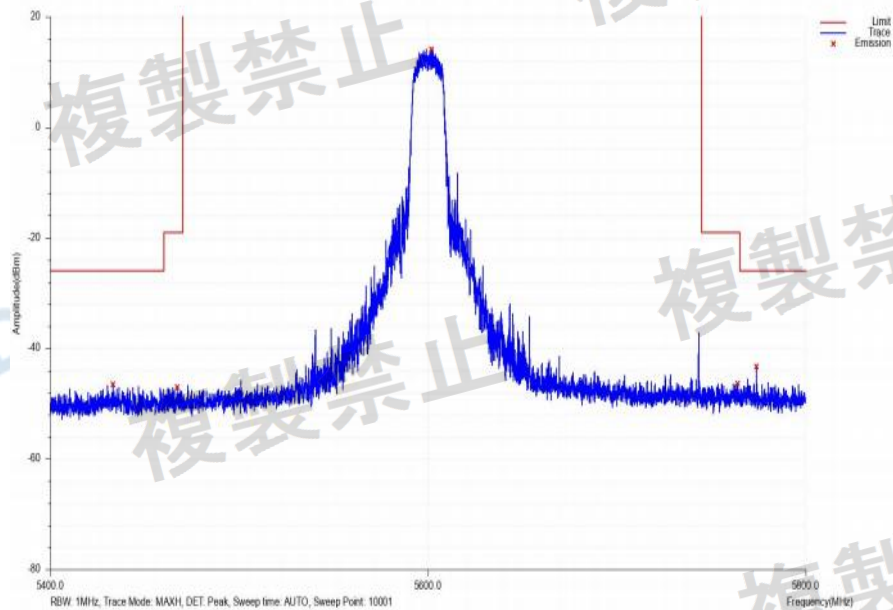
Out_of_band_NVNT_ANT1_802_11a_5500

In band Spurious Emission



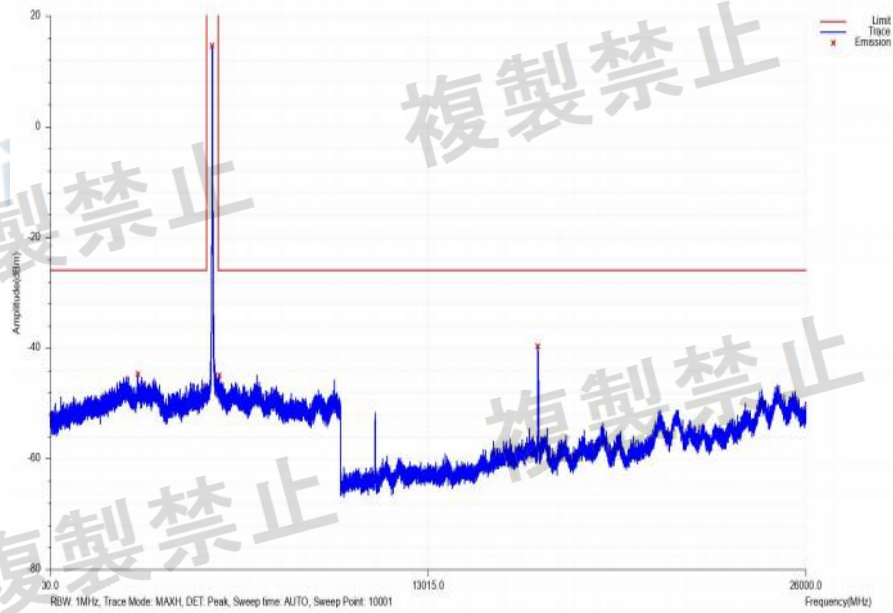
In_band_NVNT_ANT1_802_11a_5600

In band Spurious Emission



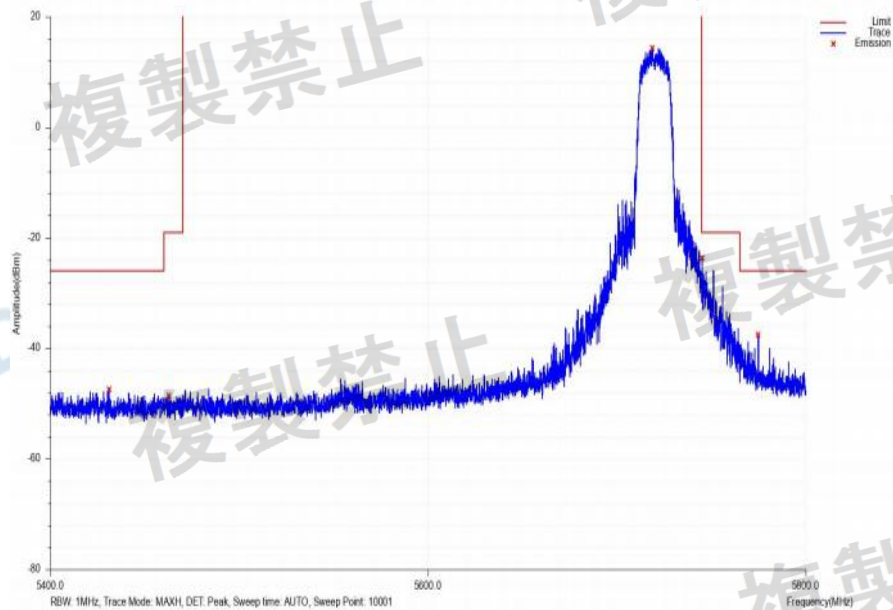
Out_of_band_NVNT_ANT1_802_11a_5600

In band Spurious Emission



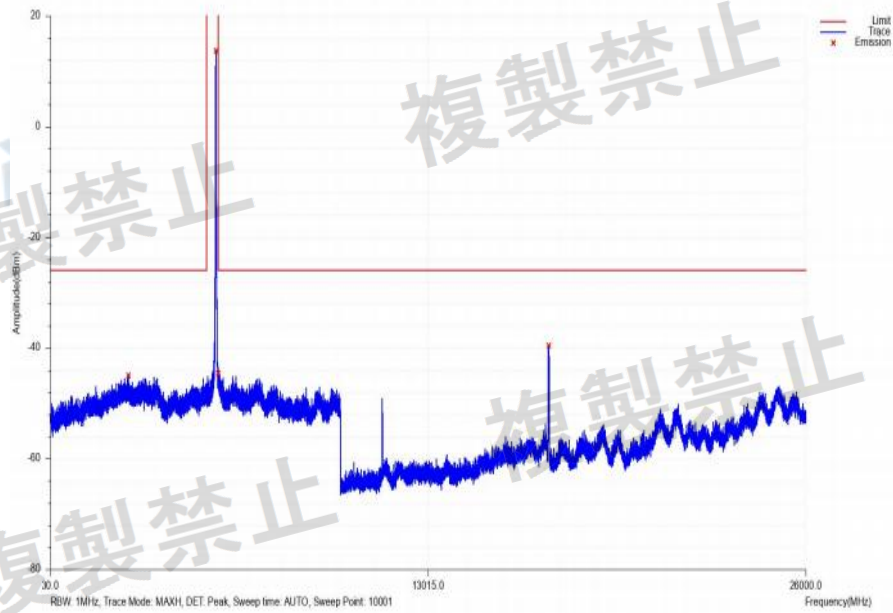
In_band_NVNT_ANT1_802_11a_5720

In band Spurious Emission



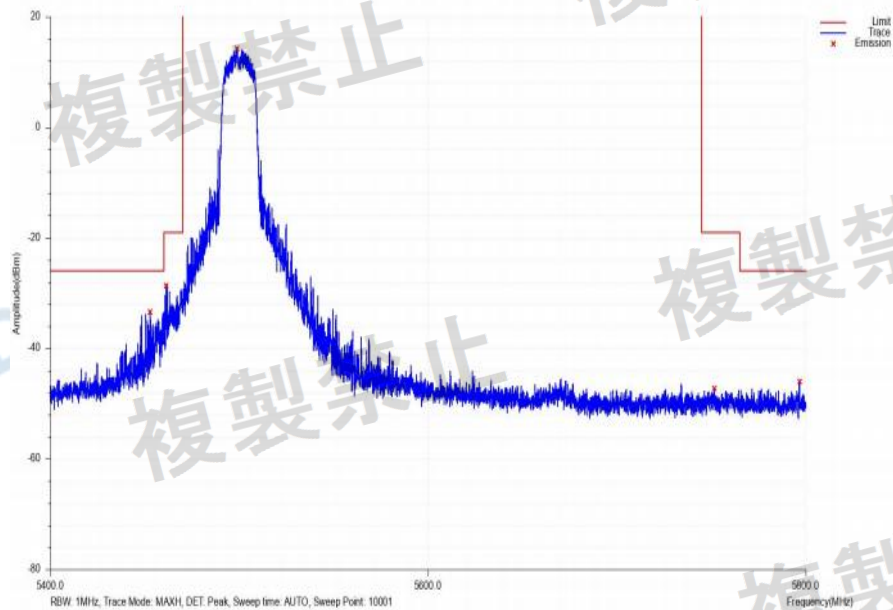
Out_of_band_NVNT_ANT1_802_11a_5720

In band Spurious Emission



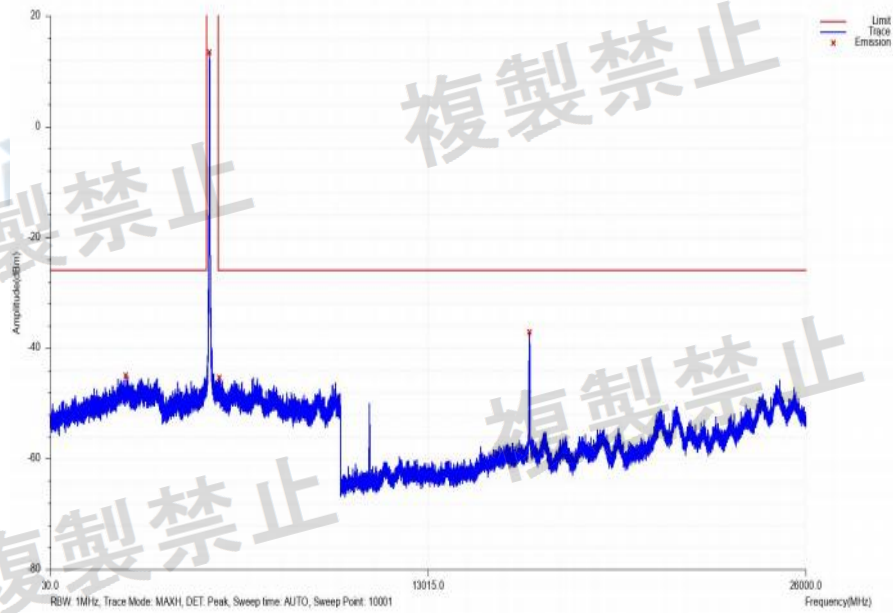
In_band_NVNT_ANT1_802_11n(HT20)_5500

In band Spurious Emission



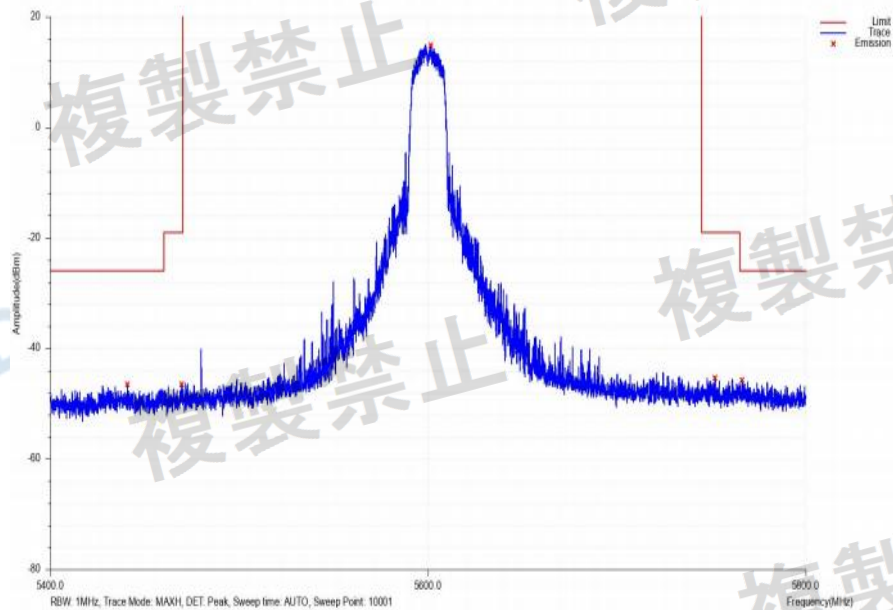
Out_of_band_NVNT_ANT1_802_11n(HT20)_5500

In band Spurious Emission



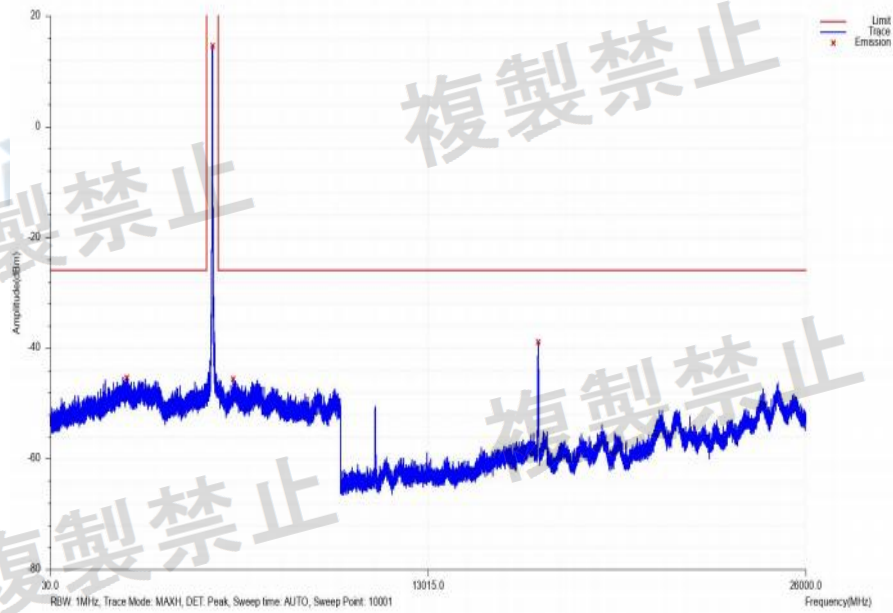
In_band_NVNT_ANT1_802_11n(HT20)_5600

In band Spurious Emission



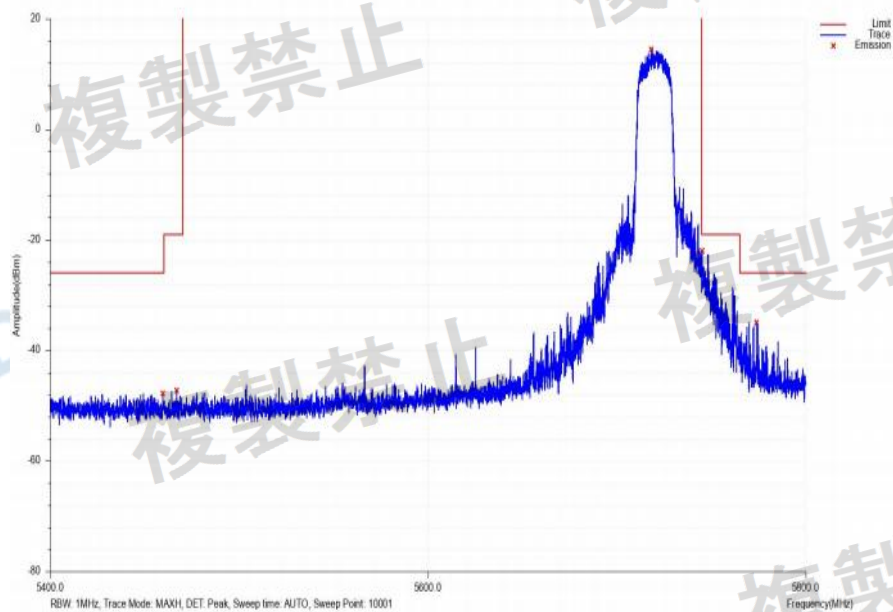
Out_of_band_NVNT_ANT1_802_11n(HT20)_5600

In band Spurious Emission



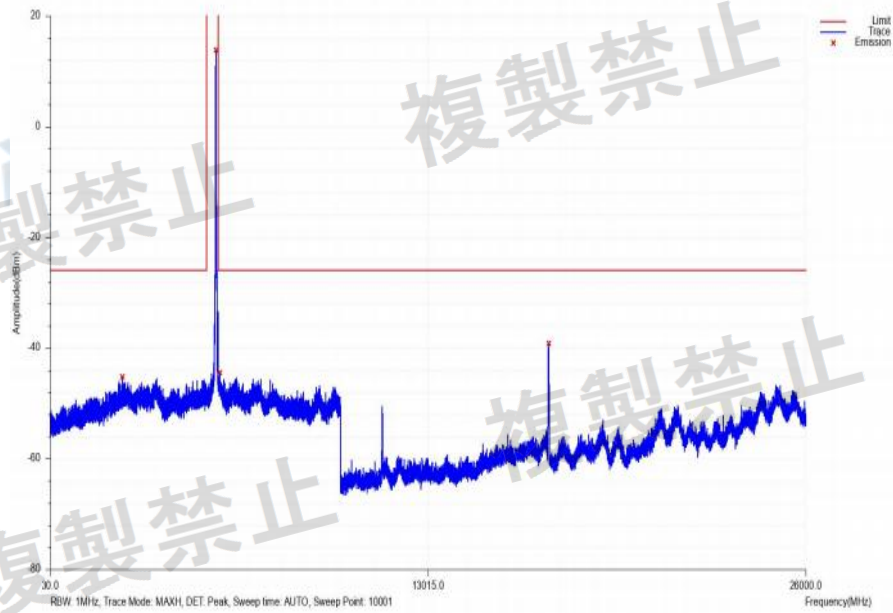
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In band Spurious Emission



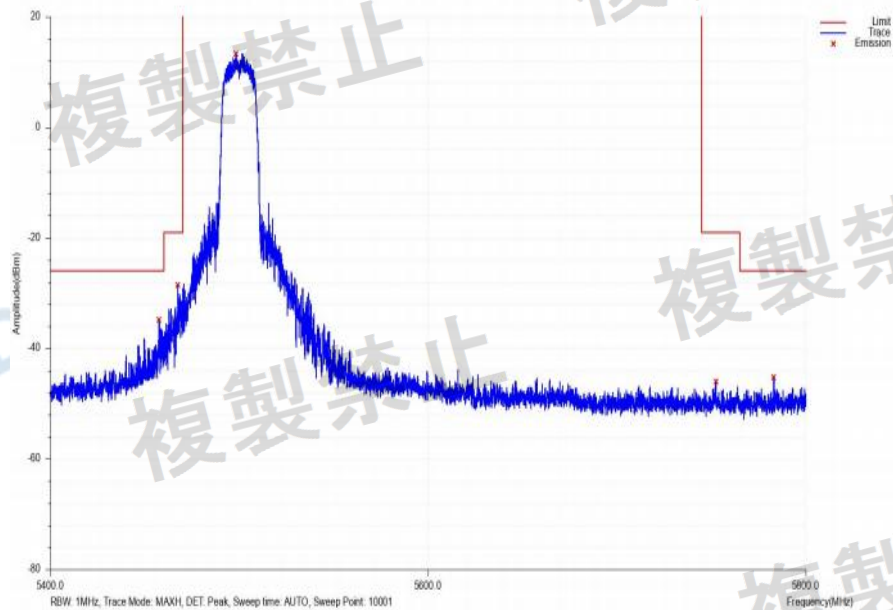
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In band Spurious Emission



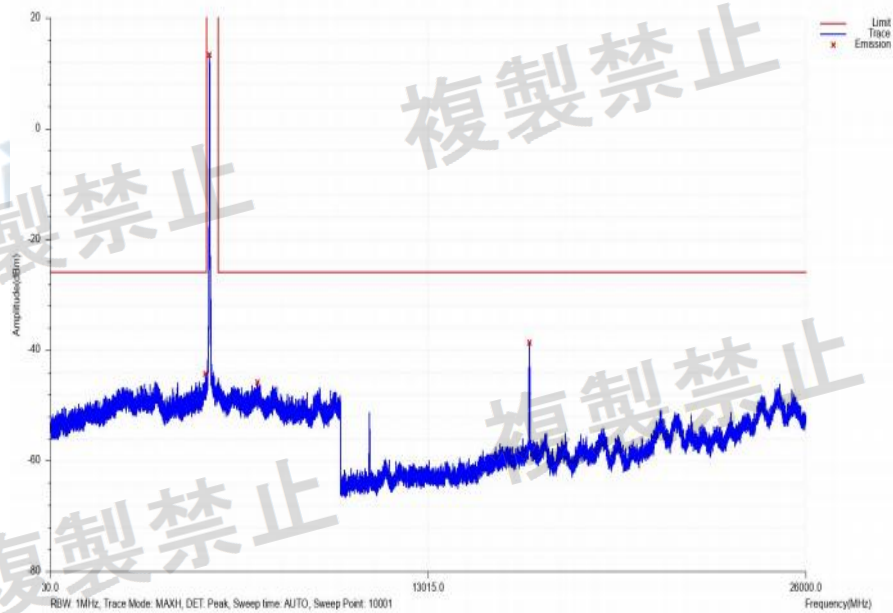
In_band_NVNT_ANT1_802_11ac(VHT20)_5500

In band Spurious Emission



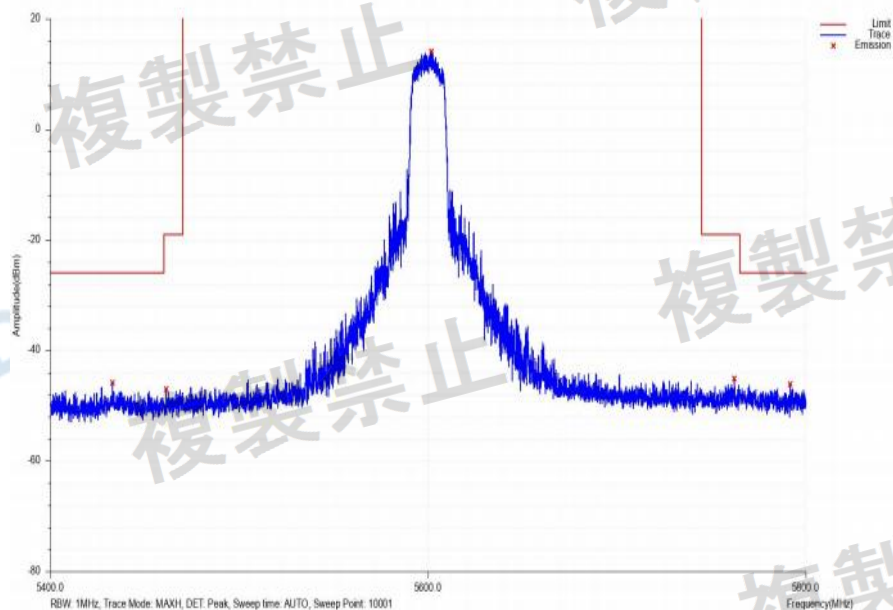
Out_of_band_NVNT_ANT1_802_11ac(VHT20)_5500

In band Spurious Emission



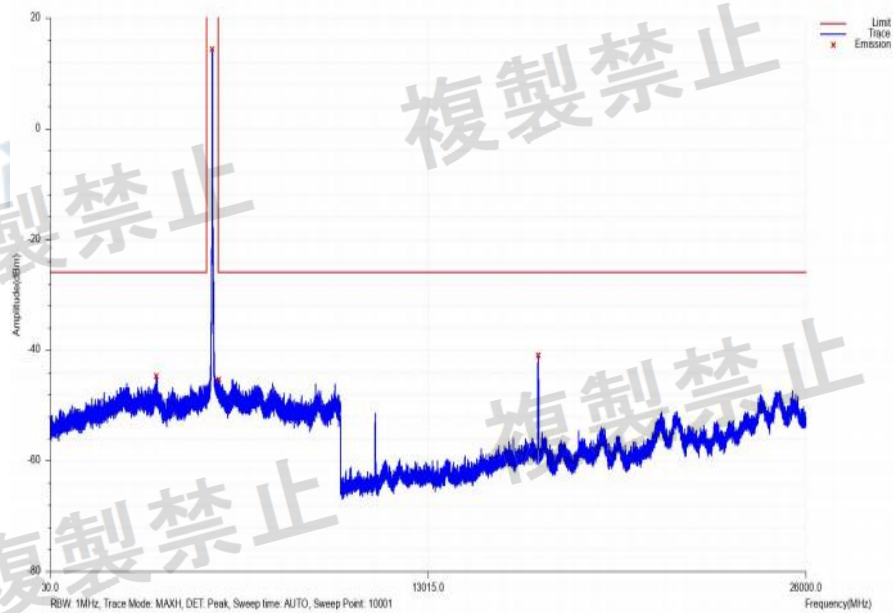
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In band Spurious Emission



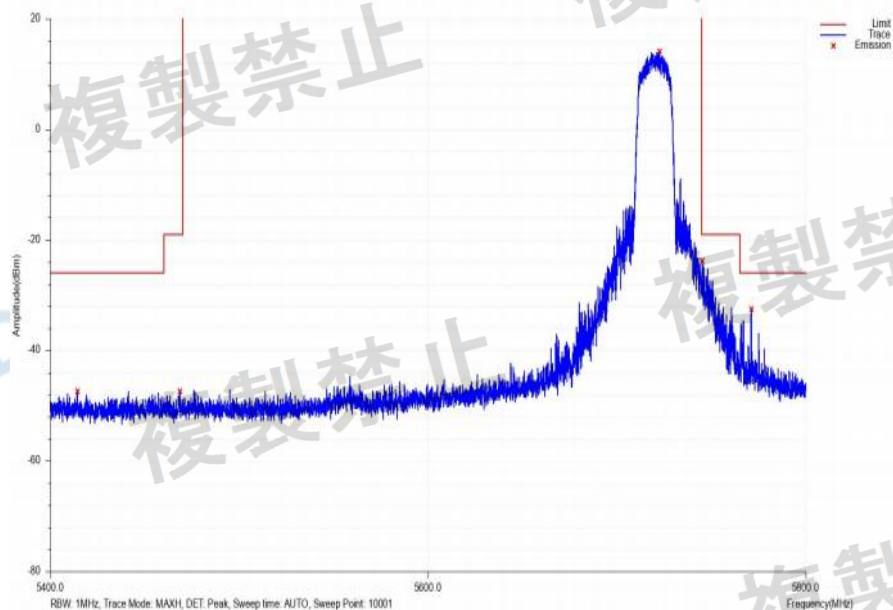
Out_of_band_NVNT_ANT1_802_11ac(VHT20)_5600

In band Spurious Emission



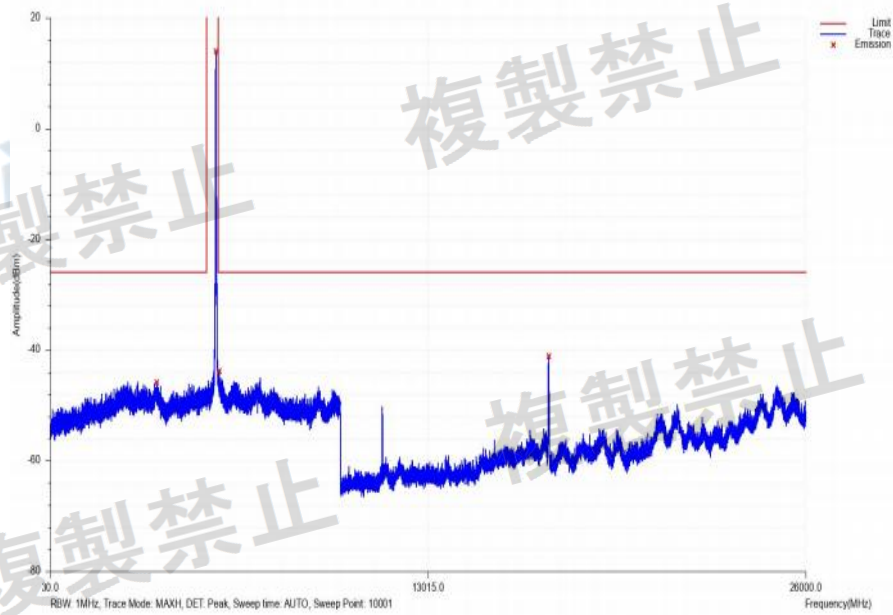
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In band Spurious Emission



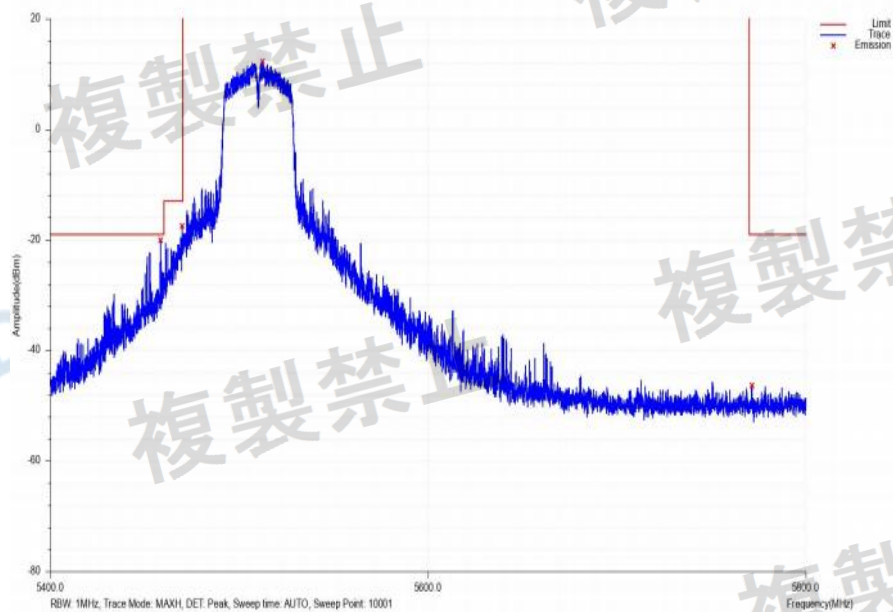
Out_of_band_NVNT_ANT1_802_11ac(VHT20)_5720

In band Spurious Emission



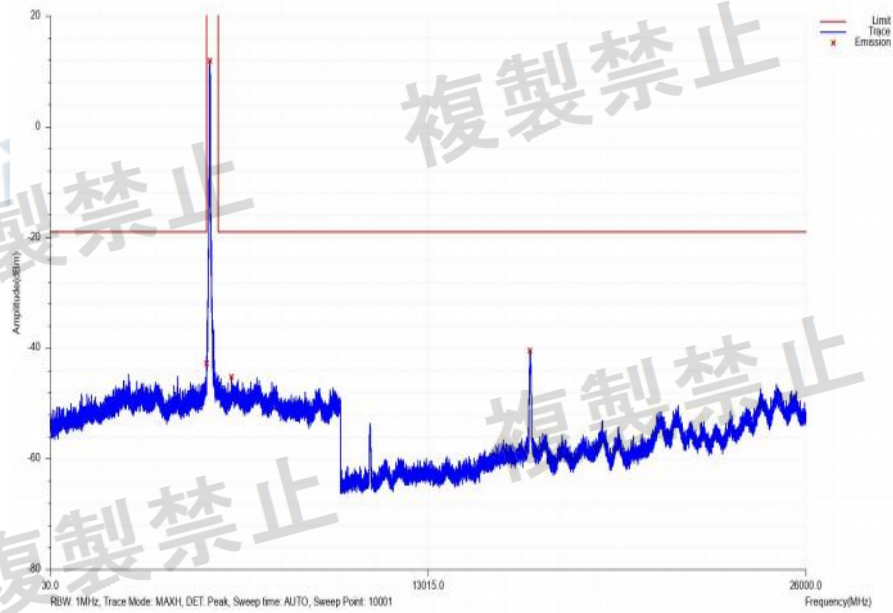
In_band_NVNT_ANT1_802_11n(HT40)_5510

In band Spurious Emission



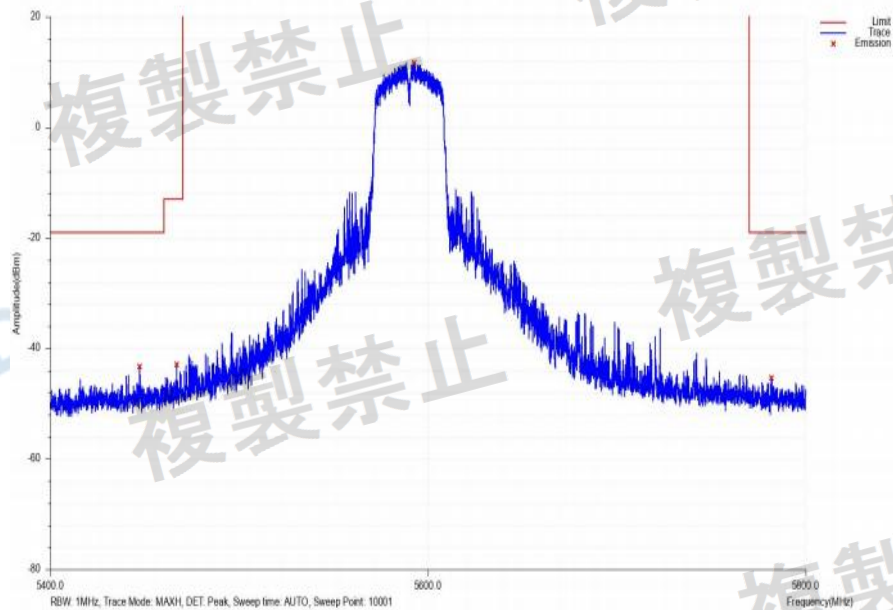
Out_of_band_NVNT_ANT1_802_11n(HT40)_5510

In band Spurious Emission



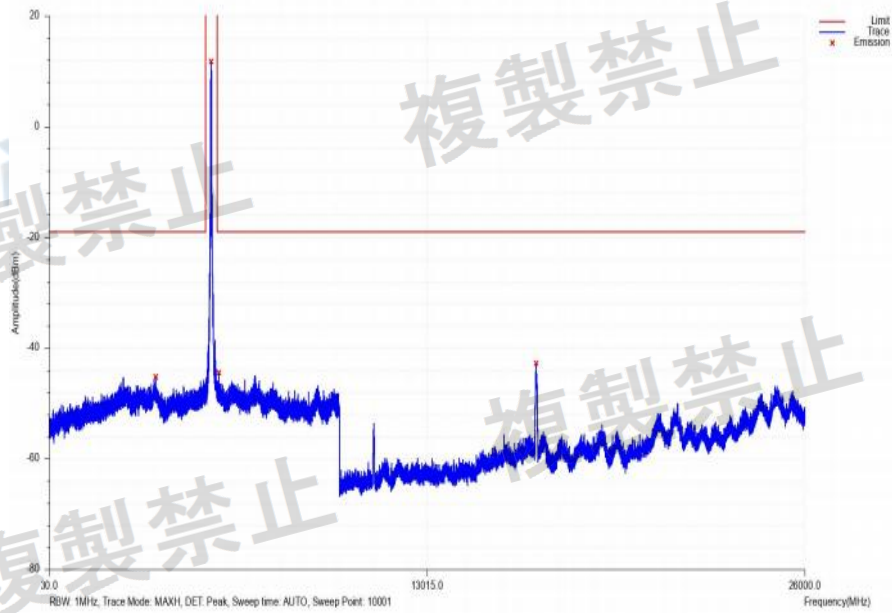
In_band_NVNT_ANT1_802_11n(HT40)_5590

In band Spurious Emission



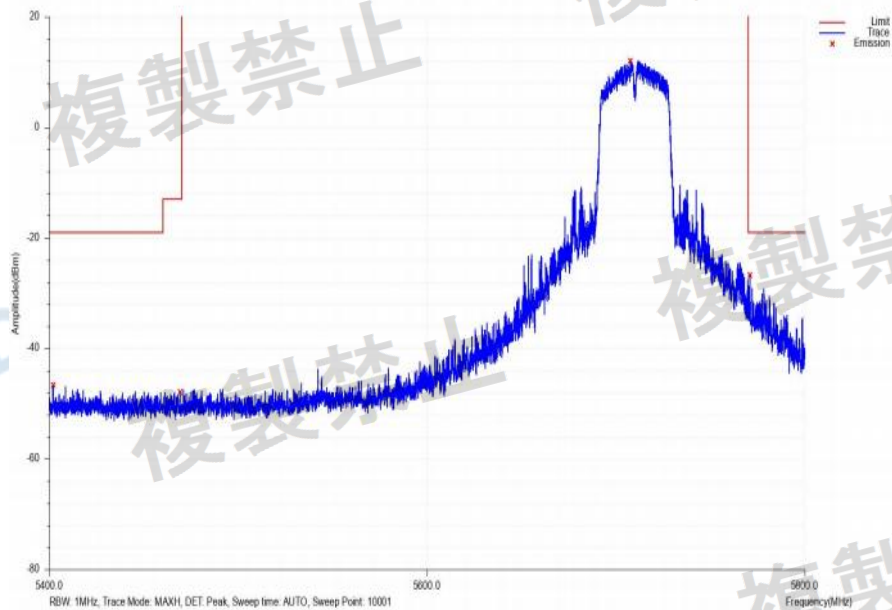
Out_of_band_NVNT_ANT1_802_11n(HT40)_5590

In band Spurious Emission



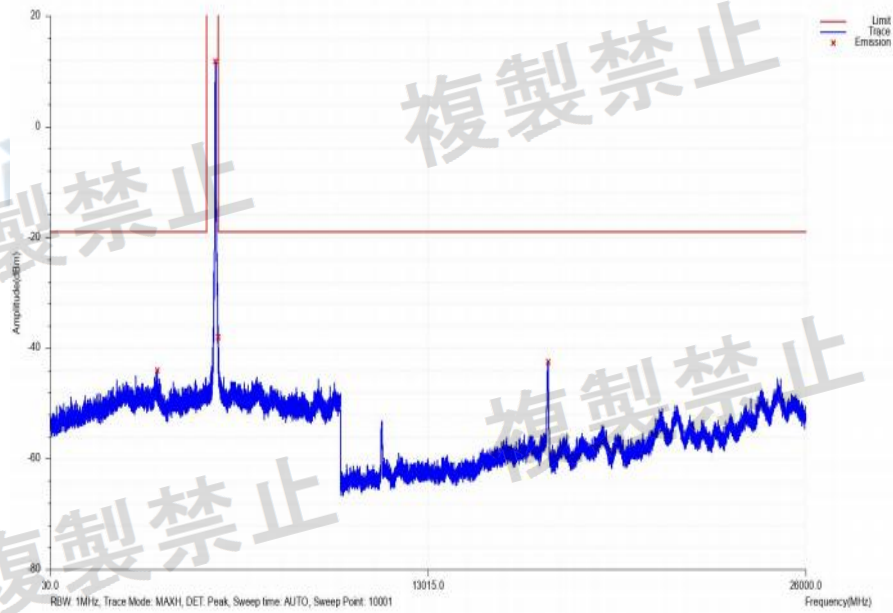
In_band_NVNT_ANT1_802_11n(HT40)_5710

In band Spurious Emission



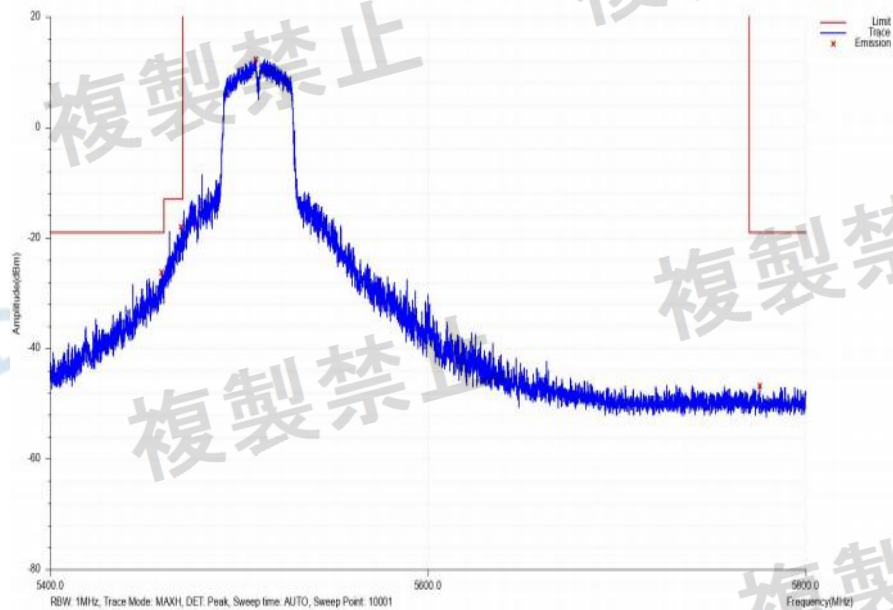
Out_of_band_NVNT_ANT1_802_11n(HT40)_5710

In band Spurious Emission



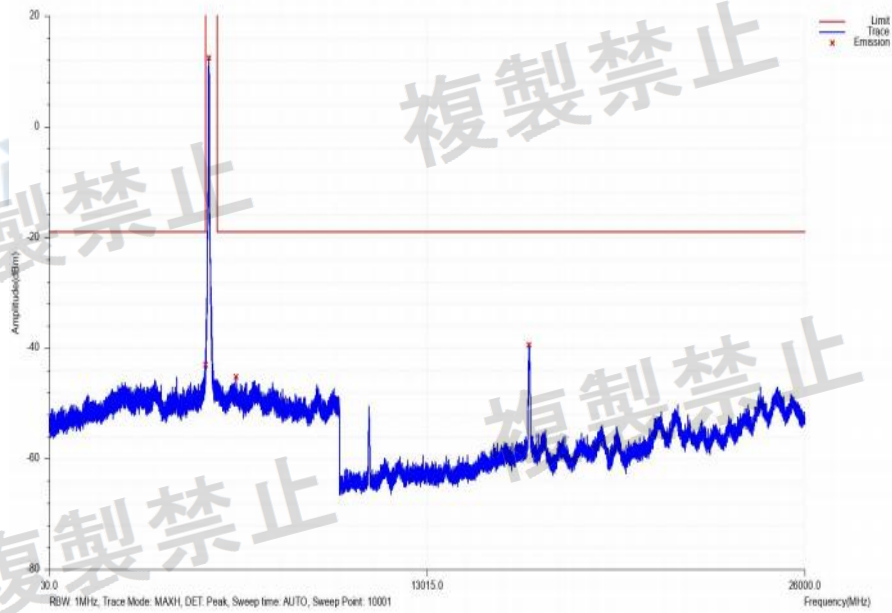
In_band_NVNT_ANT1_802_11ac(VHT40)_5510

In band Spurious Emission



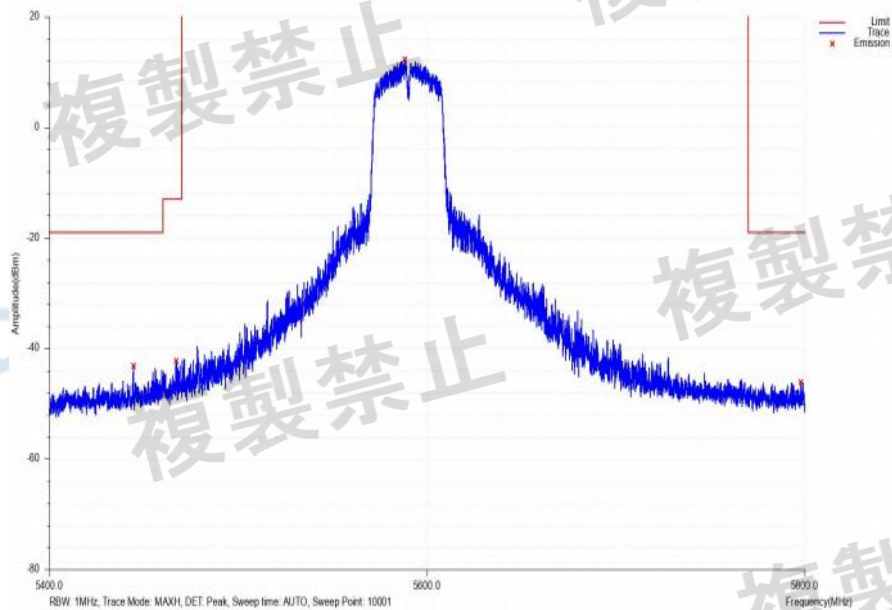
Out_of_band_NVNT_ANT1_802_11ac(VHT40)_5510

In band Spurious Emission



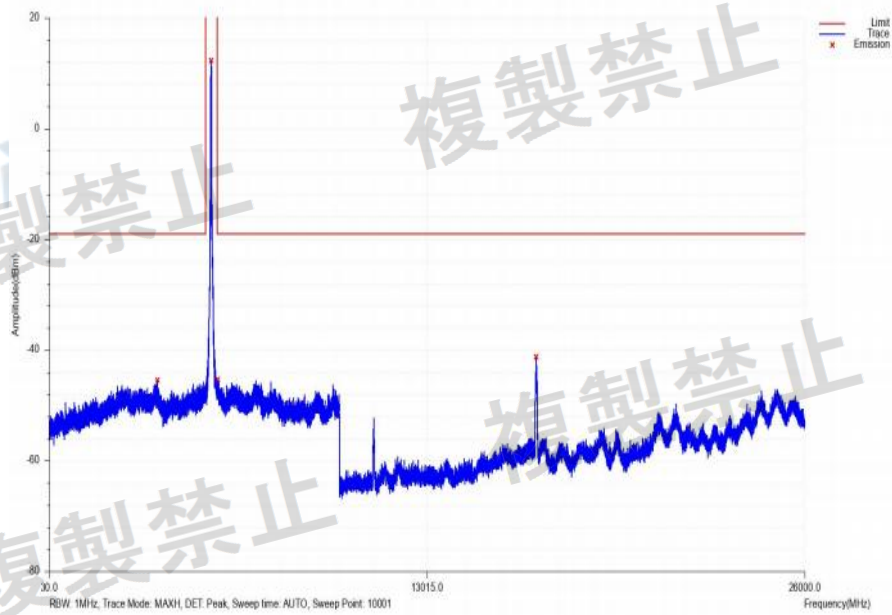
In_band_NVNT_ANT1_802_11ac(VHT40)_5590

In band Spurious Emission



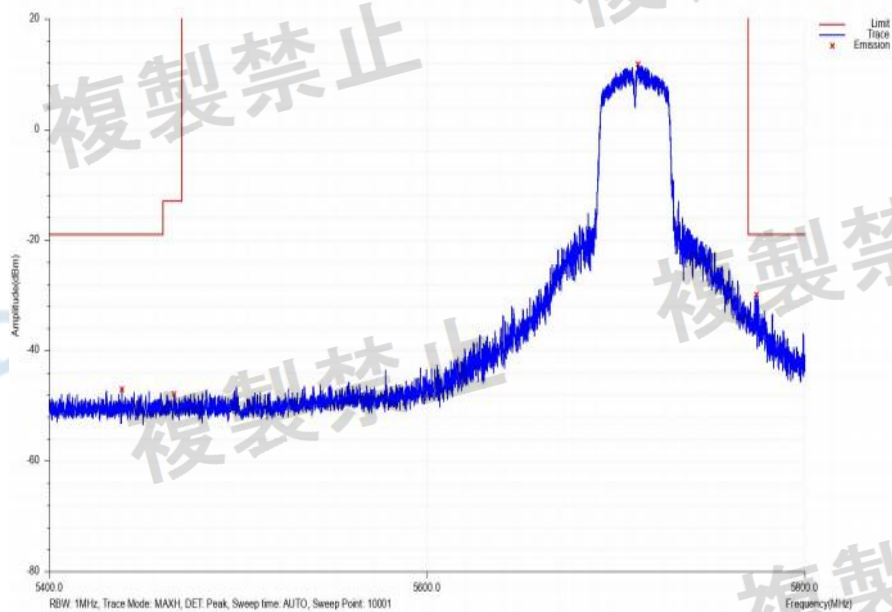
Out_of_band_NVNT_ANT1_802_11ac(VHT40)_5590

In band Spurious Emission



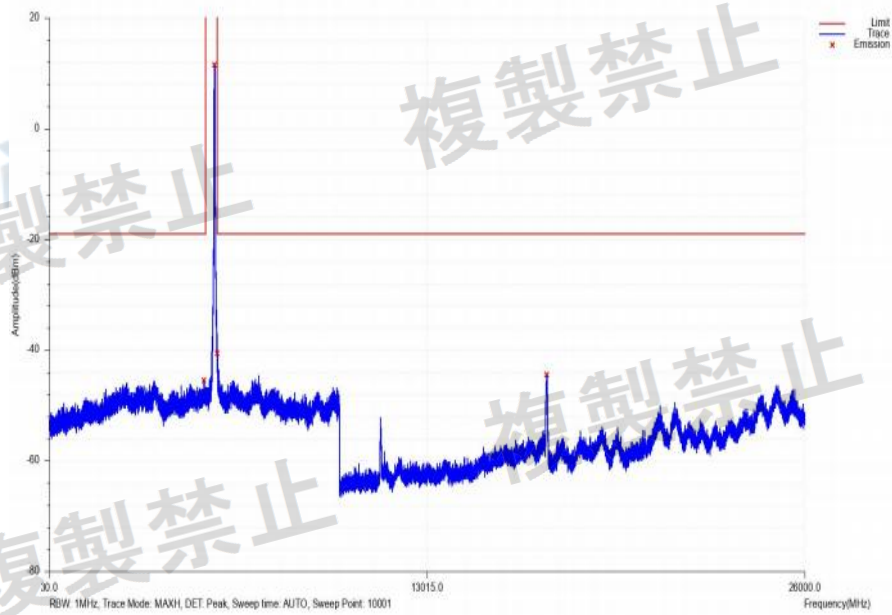
In_band_NVNT_ANT1_802_11ac(VHT40)_5710

In band Spurious Emission



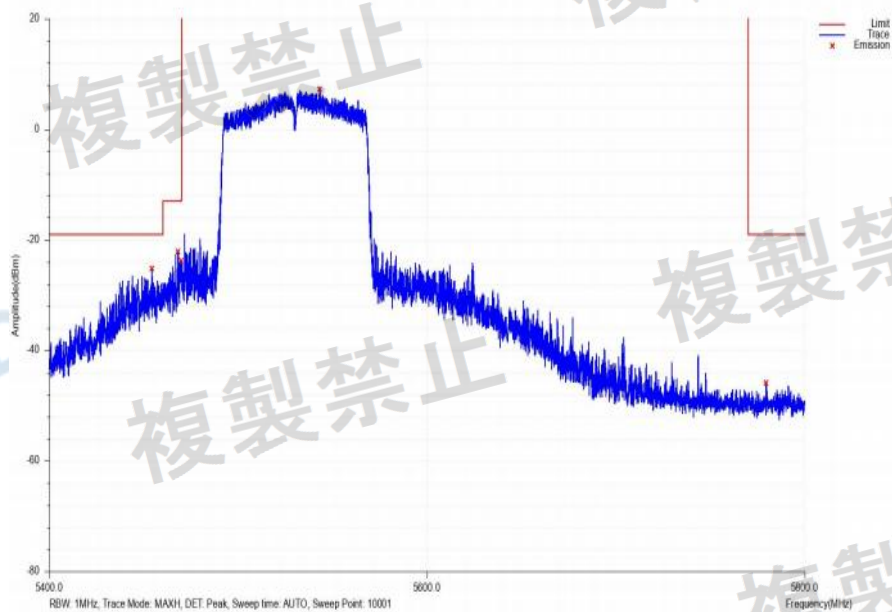
Out_of_band_NVNT_ANT1_802_11ac(VHT40)_5710

In band Spurious Emission



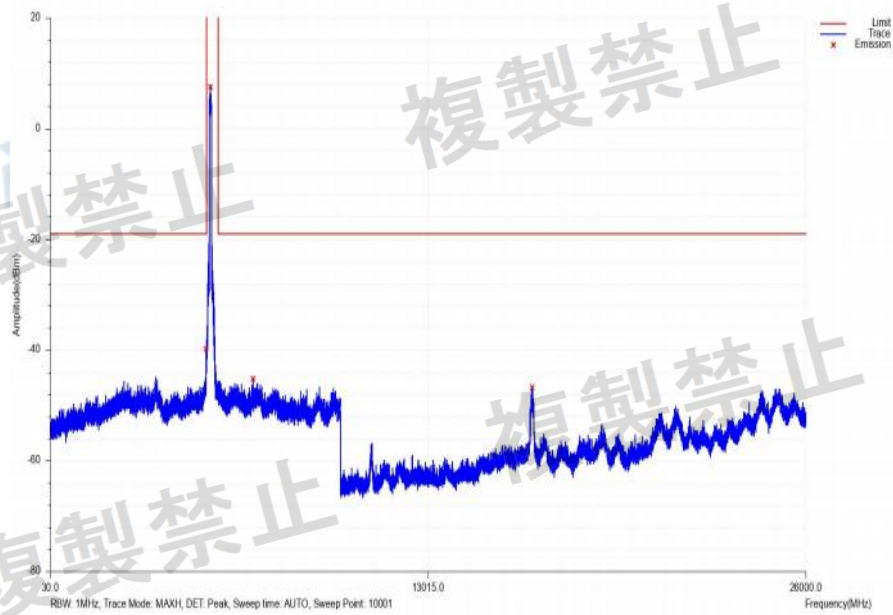
In_band_NVNT_ANT1_802_11ac(VHT80)_5530

In band Spurious Emission



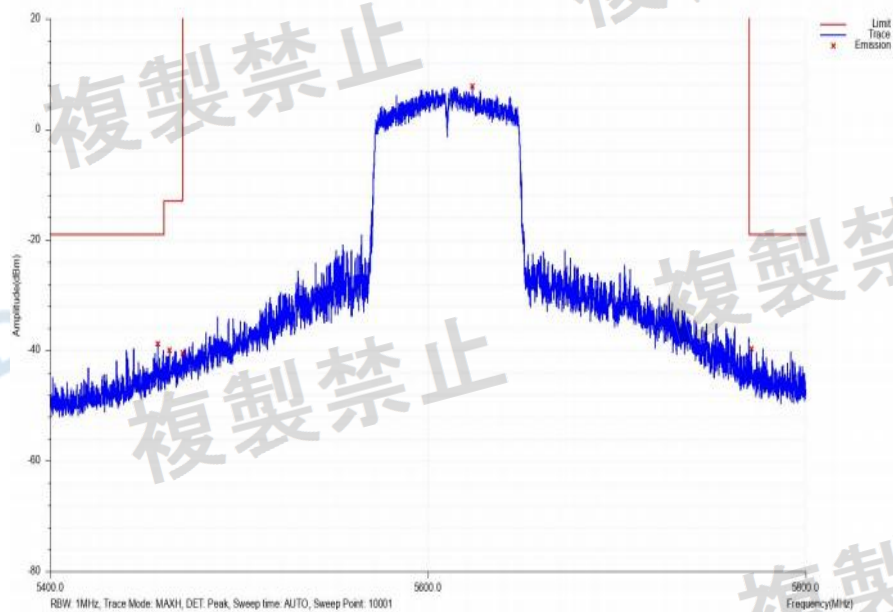
Out_of_band_NVNT_ANT1_802_11ac(VHT80)_5530

In band Spurious Emission



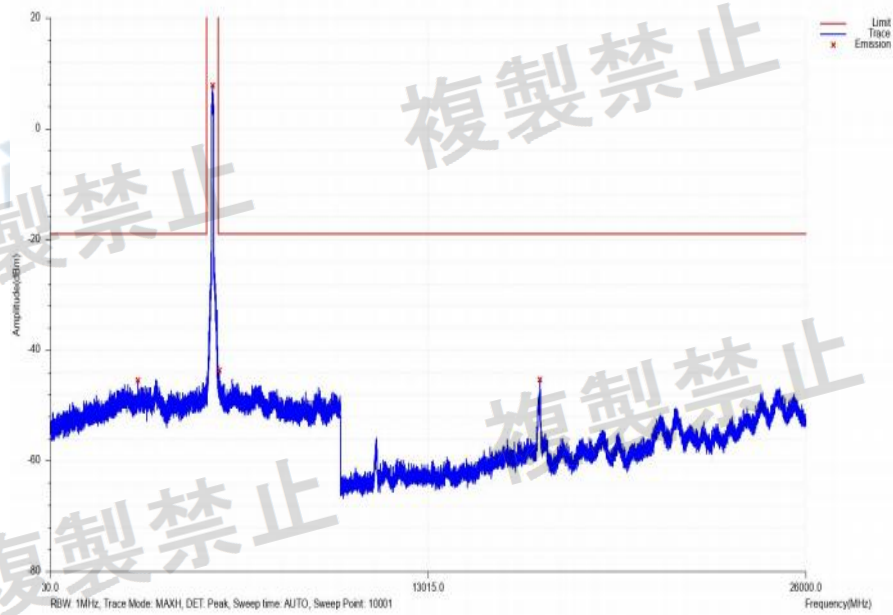
In_band_NVNT_ANT1_802_11ac(VHT80)_5610

In band Spurious Emission



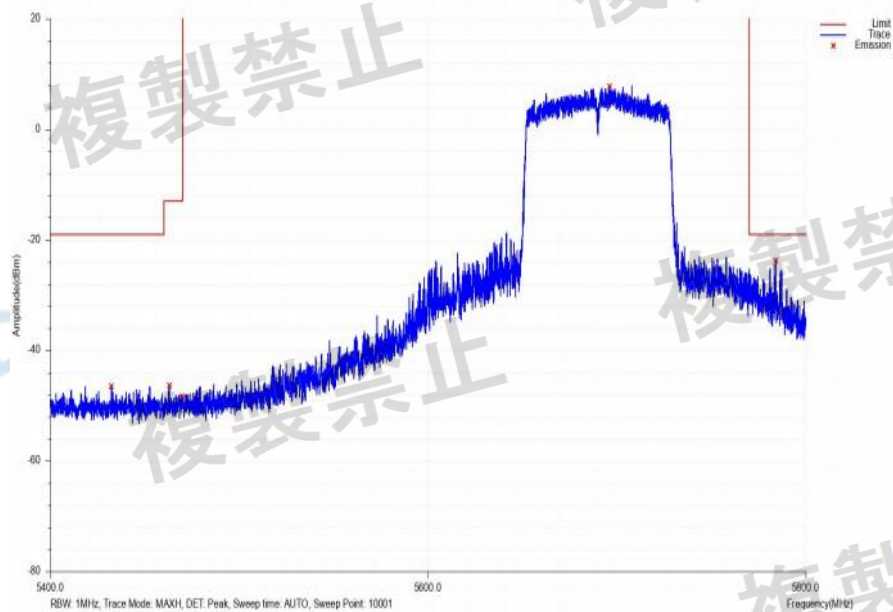
Out_of_band_NVNT_ANT1_802_11ac(VHT80)_5610

In band Spurious Emission



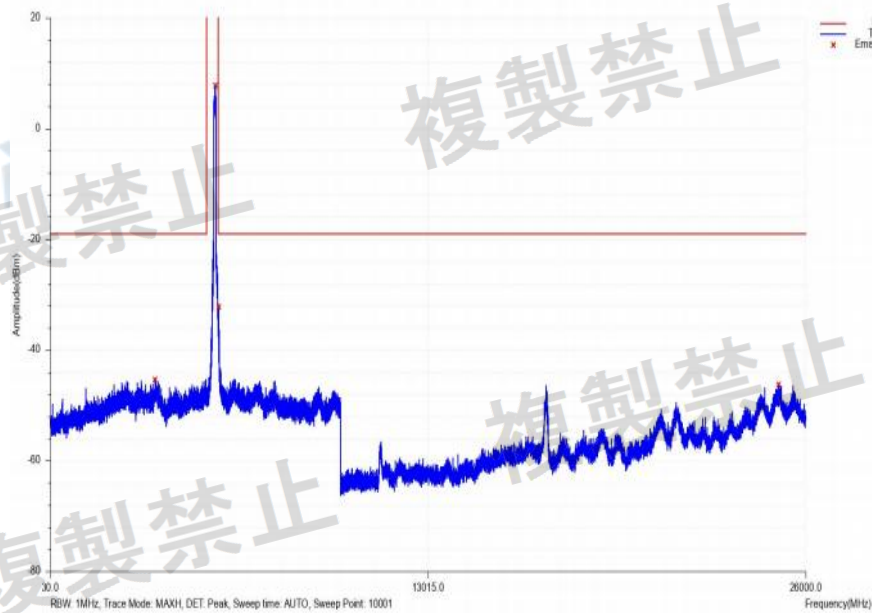
In_band_NVNT_ANT1_802_11ac(VHT80)_5690

In band Spurious Emission



Out_of_band_NVNT_ANT1_802_11ac(VHT80)_5690

In band Spurious Emission

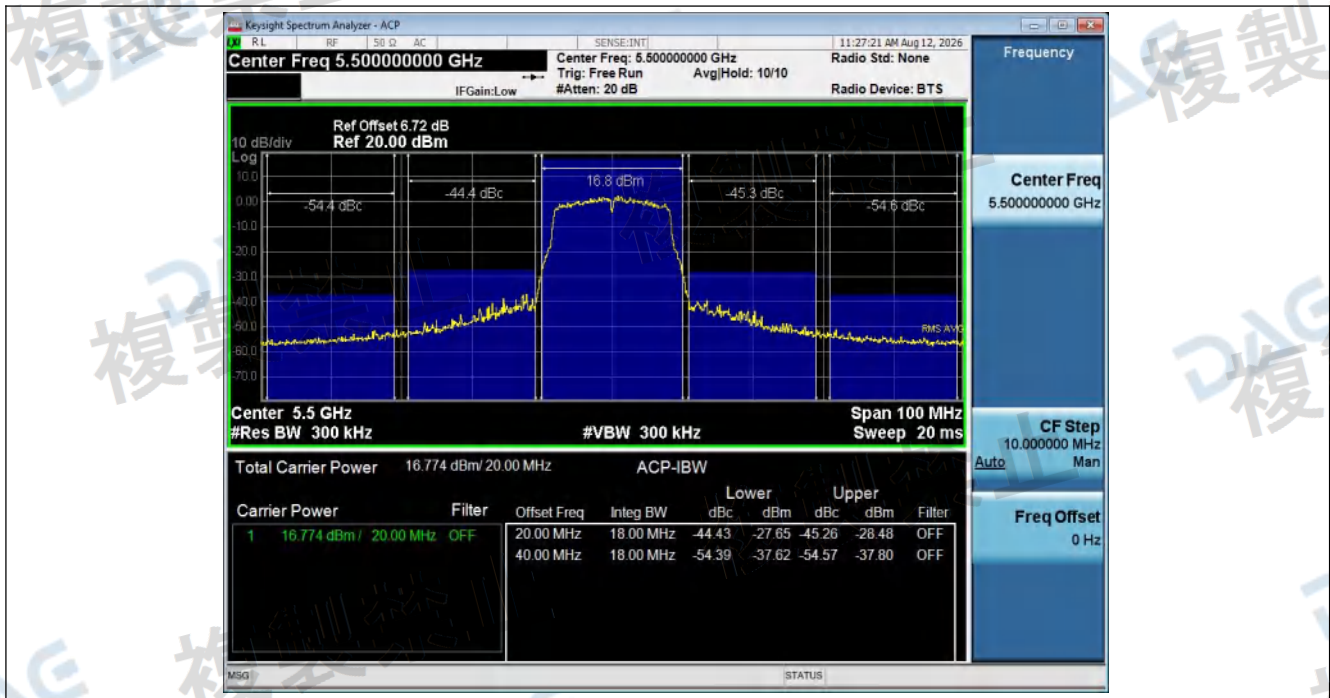


6. ACP Measure

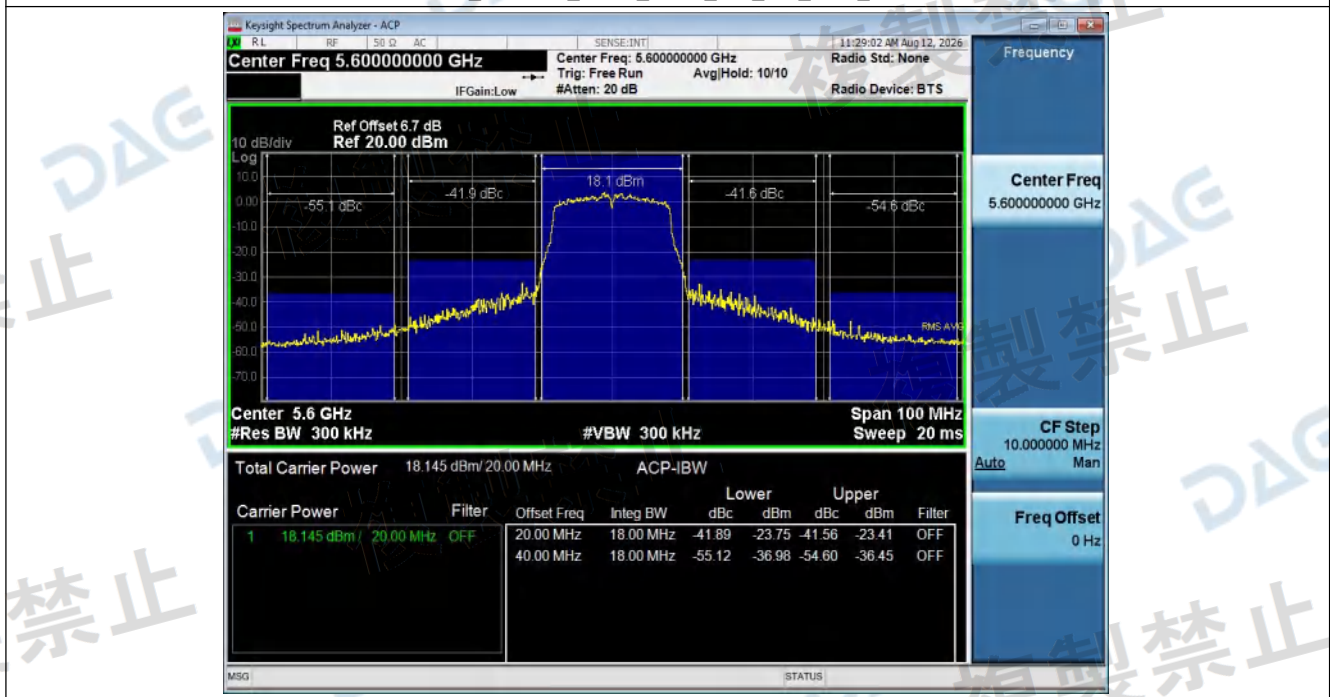
8

Condition	Antenna	Mode	Frequency(MHz)	Frequency Offset(MHz)	Lower Level(dBc)	Upper Level(dBc)	Limit(dBc)	Result
NVNT	ANT1	802.11a	5500.00	20MHz	-44.43	-45.26	-25	Pass
NVNT	ANT1	802.11a	5500.00	40MHz	-54.39	-54.57	-40	Pass
NVNT	ANT1	802.11a	5600.00	20MHz	-41.89	-41.56	-25	Pass
NVNT	ANT1	802.11a	5600.00	40MHz	-55.12	-54.60	-40	Pass
NVNT	ANT1	802.11a	5720.00	20MHz	-42.19	-41.91	-25	Pass
NVNT	ANT1	802.11a	5720.00	40MHz	-55.80	-55.15	-40	Pass
NVNT	ANT1	802.11n(HT20)	5500.00	20MHz	-40.62	-41.05	-25	Pass
NVNT	ANT1	802.11n(HT20)	5500.00	40MHz	-54.33	-54.23	-40	Pass
NVNT	ANT1	802.11n(HT20)	5600.00	20MHz	-41.13	-40.55	-25	Pass
NVNT	ANT1	802.11n(HT20)	5600.00	40MHz	-54.51	-54.44	-40	Pass
NVNT	ANT1	802.11n(HT20)	5720.00	20MHz	-41.43	-40.81	-25	Pass
NVNT	ANT1	802.11n(HT20)	5720.00	40MHz	-55.38	-54.94	-40	Pass
NVNT	ANT1	802.11ac(VHT20)	5500.00	20MHz	-42.80	-42.85	-25	Pass
NVNT	ANT1	802.11ac(VHT20)	5500.00	40MHz	-54.85	-55.08	-40	Pass
NVNT	ANT1	802.11ac(VHT20)	5600.00	20MHz	-43.92	-42.70	-25	Pass
NVNT	ANT1	802.11ac(VHT20)	5600.00	40MHz	-55.35	-55.05	-40	Pass
NVNT	ANT1	802.11ac(VHT20)	5720.00	20MHz	-41.81	-41.48	-25	Pass
NVNT	ANT1	802.11ac(VHT20)	5720.00	40MHz	-55.18	-54.70	-40	Pass
NVNT	ANT1	802.11n(HT40)	5510.00	40MHz	-29.88	-30.54	-25	Pass
NVNT	ANT1	802.11n(HT40)	5510.00	80MHz	-48.36	-45.45	-40	Pass
NVNT	ANT1	802.11n(HT40)	5590.00	40MHz	-34.83	-33.89	-25	Pass
NVNT	ANT1	802.11n(HT40)	5590.00	80MHz	-51.36	-48.35	-40	Pass
NVNT	ANT1	802.11n(HT40)	5710.00	40MHz	-31.29	-31.09	-25	Pass
NVNT	ANT1	802.11n(HT40)	5710.00	80MHz	-48.95	-47.18	-40	Pass
NVNT	ANT1	802.11ac(VHT40)	5510.00	40MHz	-35.80	-36.51	-25	Pass
NVNT	ANT1	802.11ac(VHT40)	5510.00	80MHz	-52.48	-50.37	-40	Pass
NVNT	ANT1	802.11ac(VHT40)	5590.00	40MHz	-32.26	-31.36	-25	Pass
NVNT	ANT1	802.11ac(VHT40)	5590.00	80MHz	-47.78	-45.30	-40	Pass
NVNT	ANT1	802.11ac(VHT40)	5710.00	40MHz	-33.45	-33.47	-25	Pass
NVNT	ANT1	802.11ac(VHT40)	5710.00	80MHz	-49.95	-48.49	-40	Pass
NVNT	ANT1	802.11ac(VHT80)	5530.00	80MHz	-36.77	-36.99	-25	Pass
NVNT	ANT1	802.11ac(VHT80)	5610.00	80MHz	-36.38	-34.82	-25	Pass
NVNT	ANT1	802.11ac(VHT80)	5690.00	80MHz	-34.59	-34.07	-25	Pass

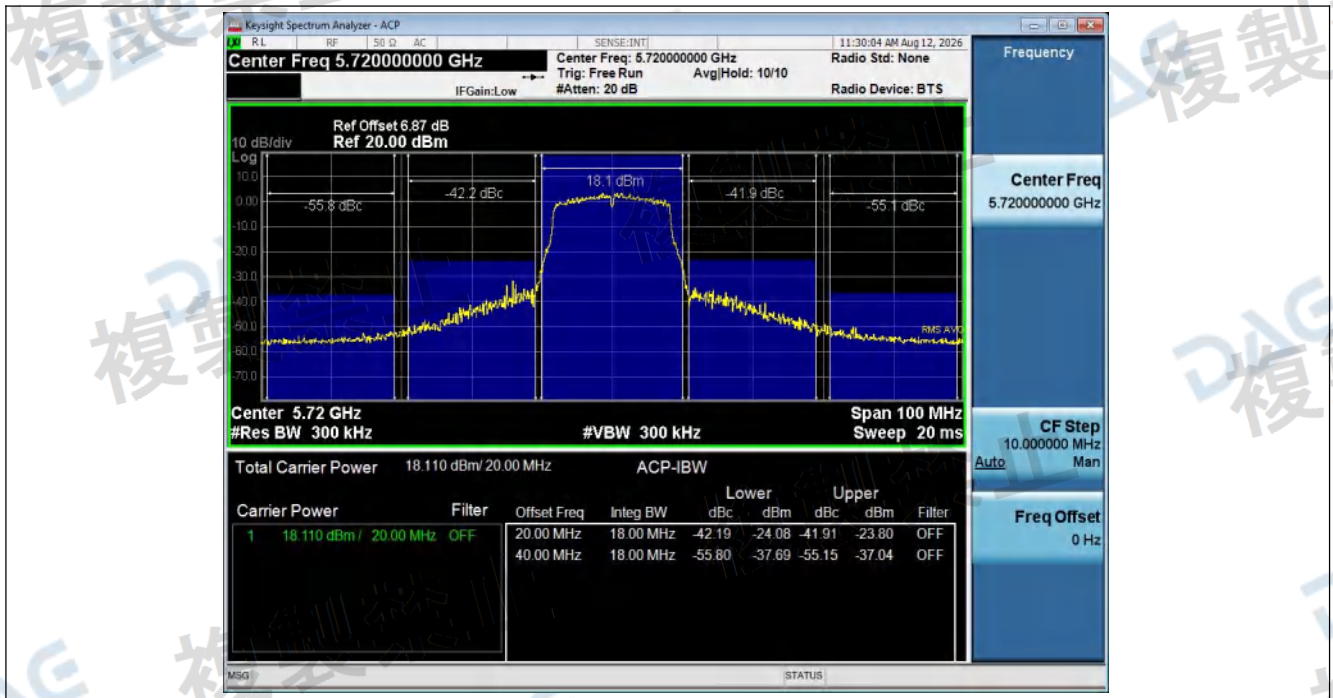
ACP_Measure_NVNT_ANT1_802_11a_5500_20M



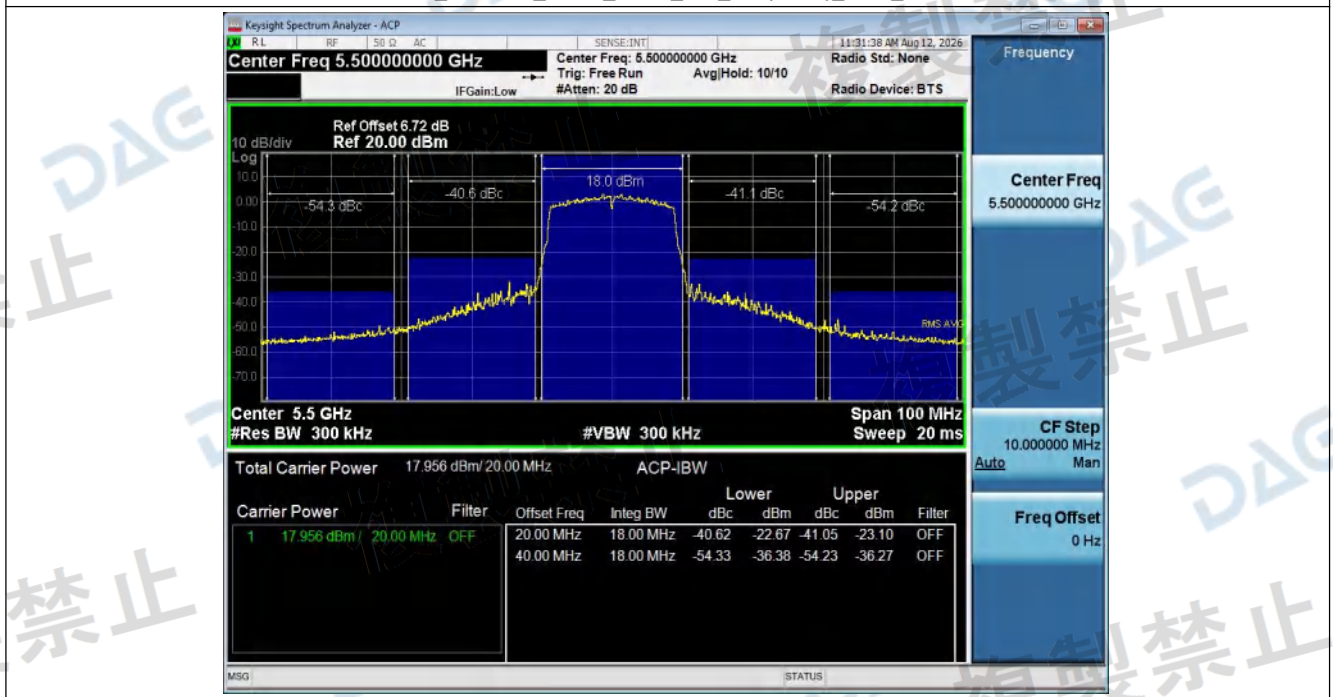
ACP_Measure_NVNT_ANT1_802_11a_5600_20M



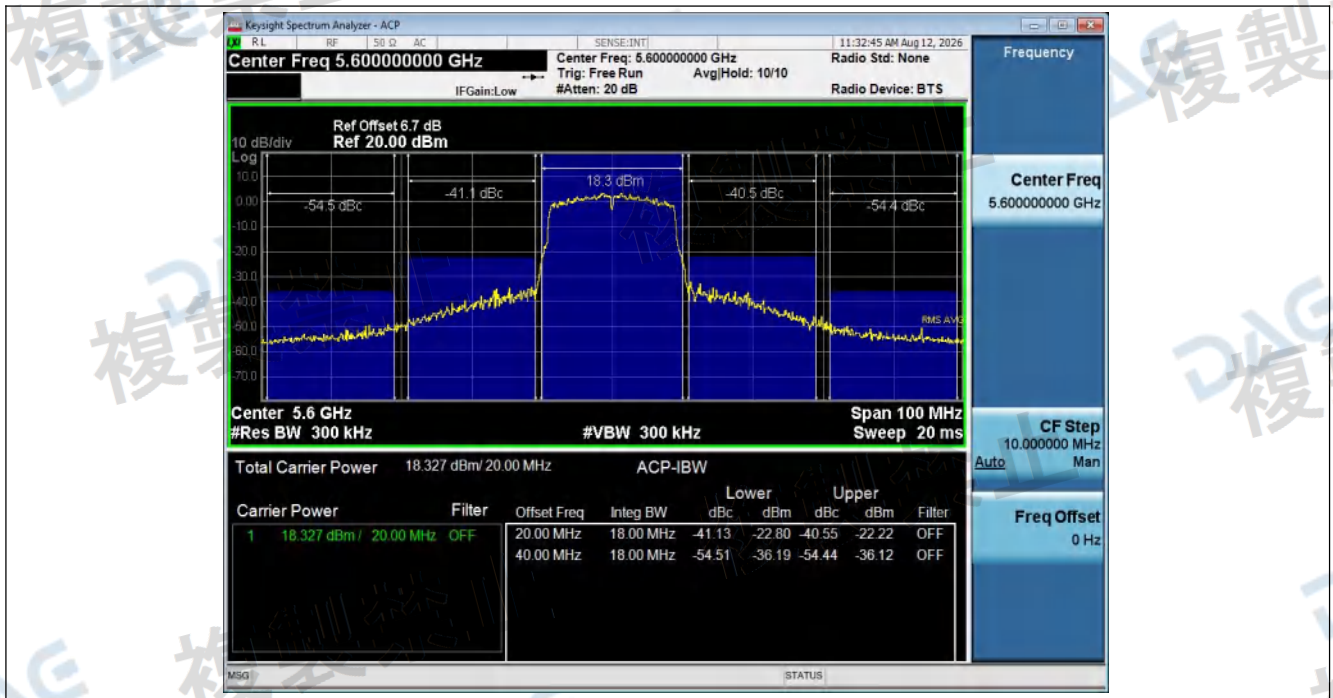
ACP_Measure_NVNT_ANT1_802_11a_5720_20M



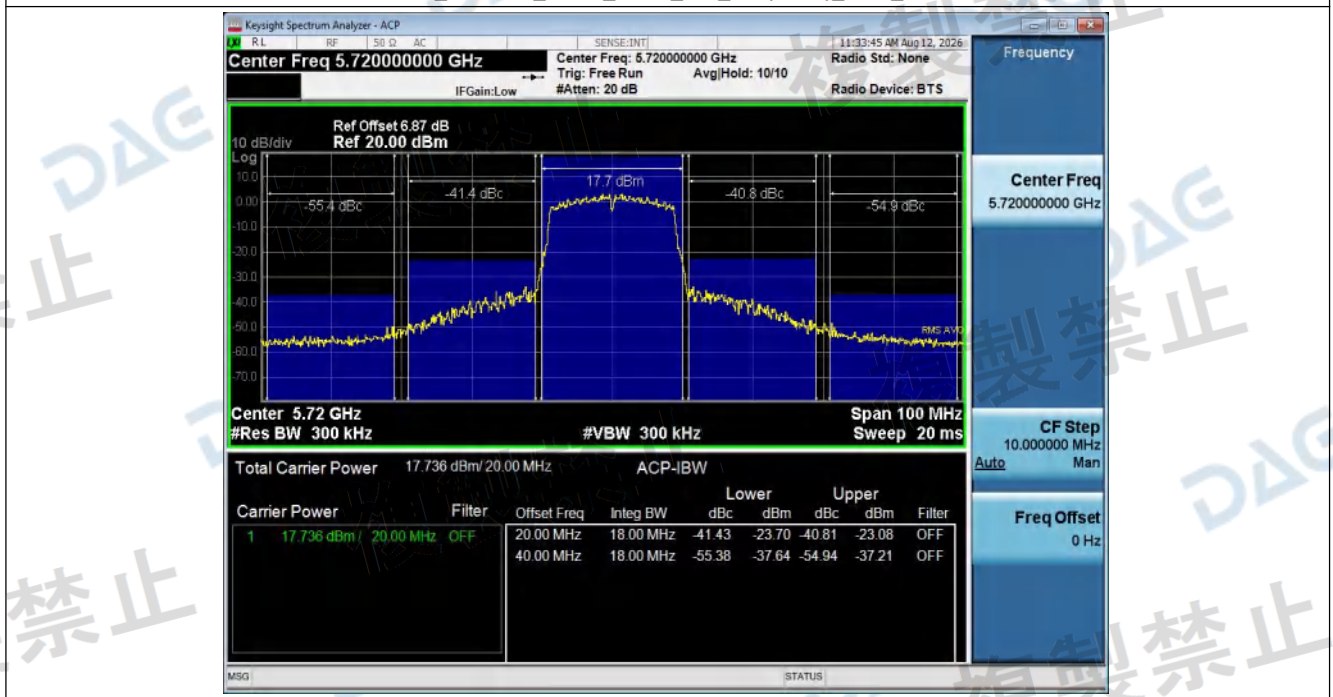
ACP_Measure_NVNT_ANT1_802_11n(HT20)_5500_20M



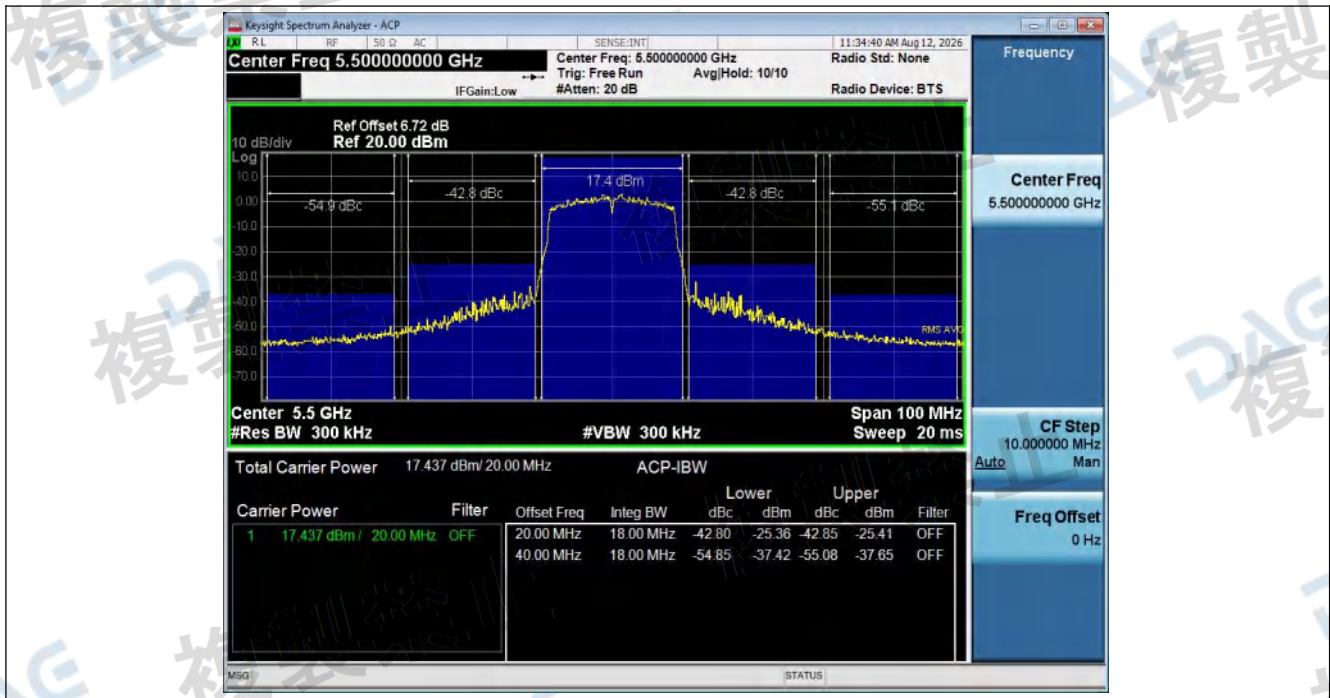
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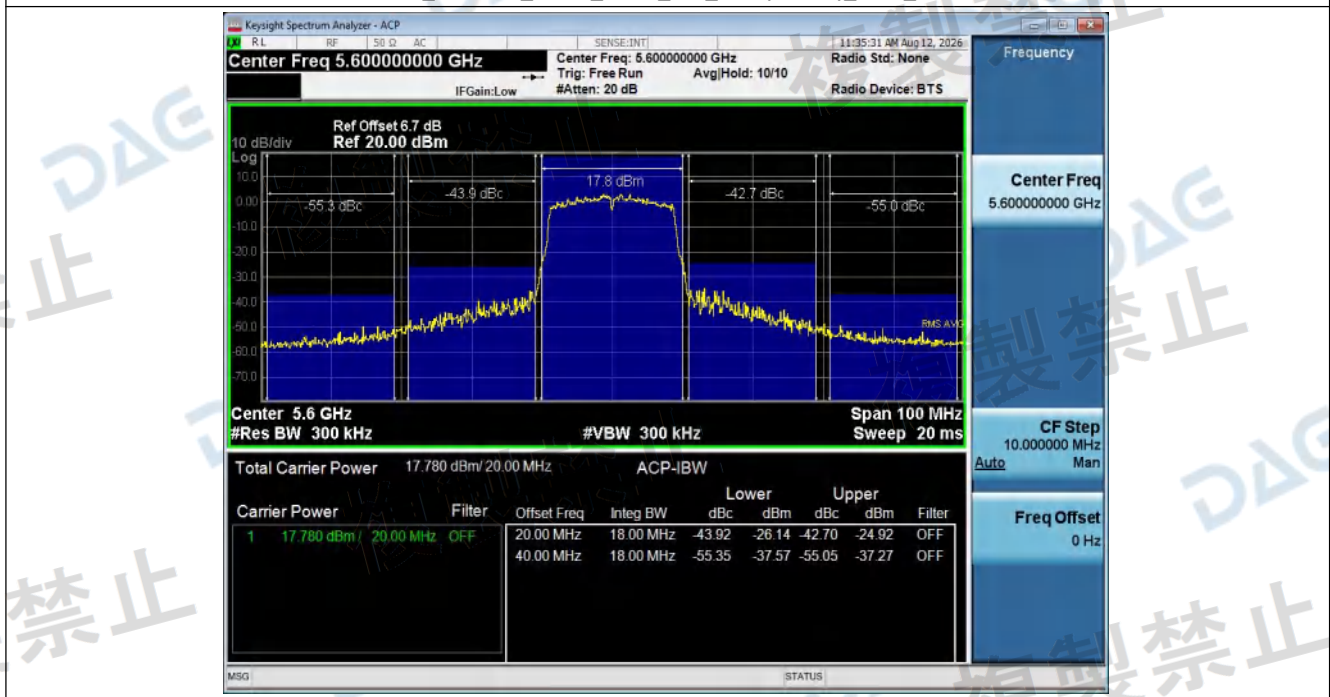
ACP_Measure_NVNT_ANT1_802_11n(HT20)_5720_20M



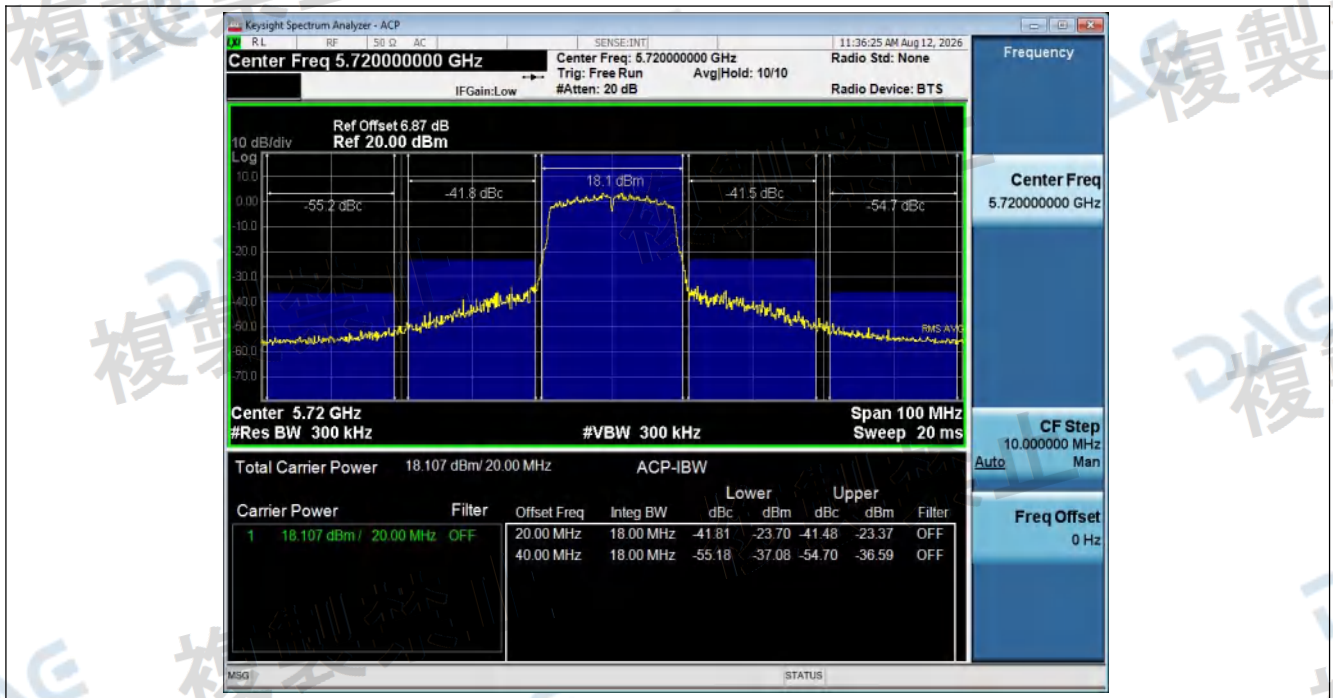
ACP_Measure_NVNT_ANT1_802_11ac(VHT20)_5500_20M



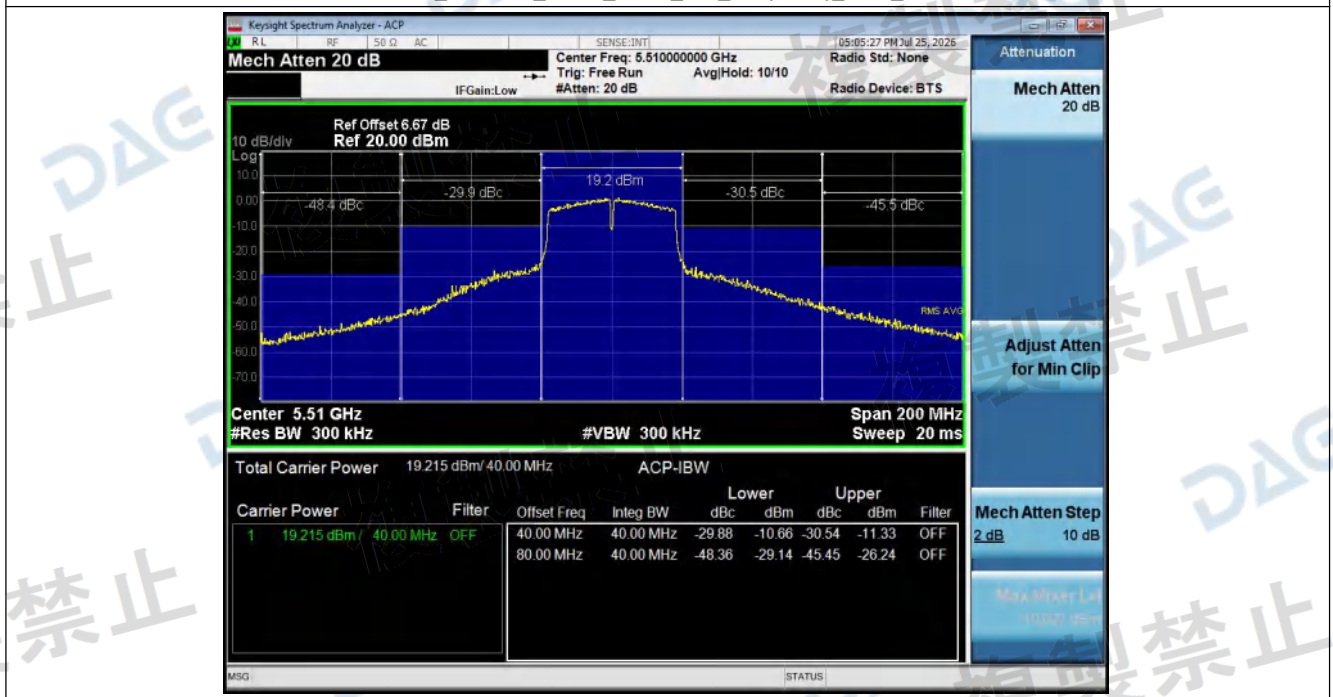
ACP_Measure_NVNT_ANT1_802_11ac(VHT20)_5600_20M



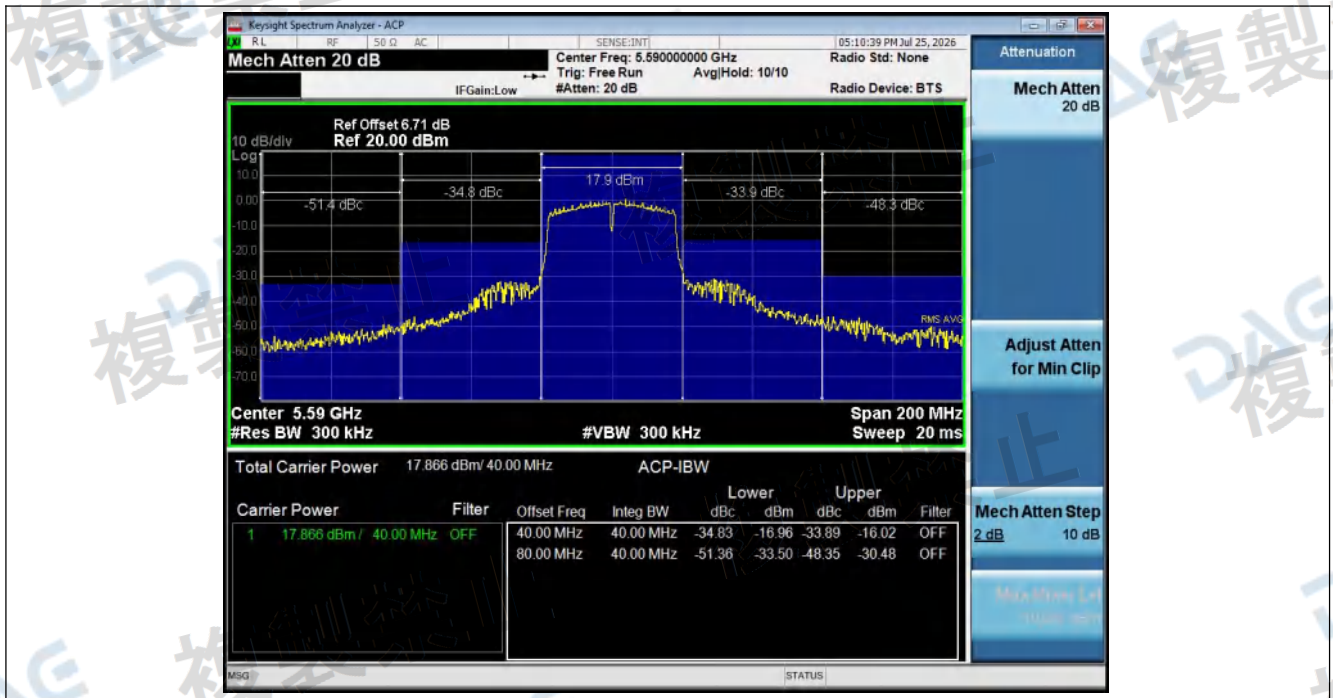
ACP_Measure_NVNT_ANT1_802_11ac(VHT20)_5720_20M



ACP_Measure_NVNT_ANT1_802_11n(HT40)_5510_40M



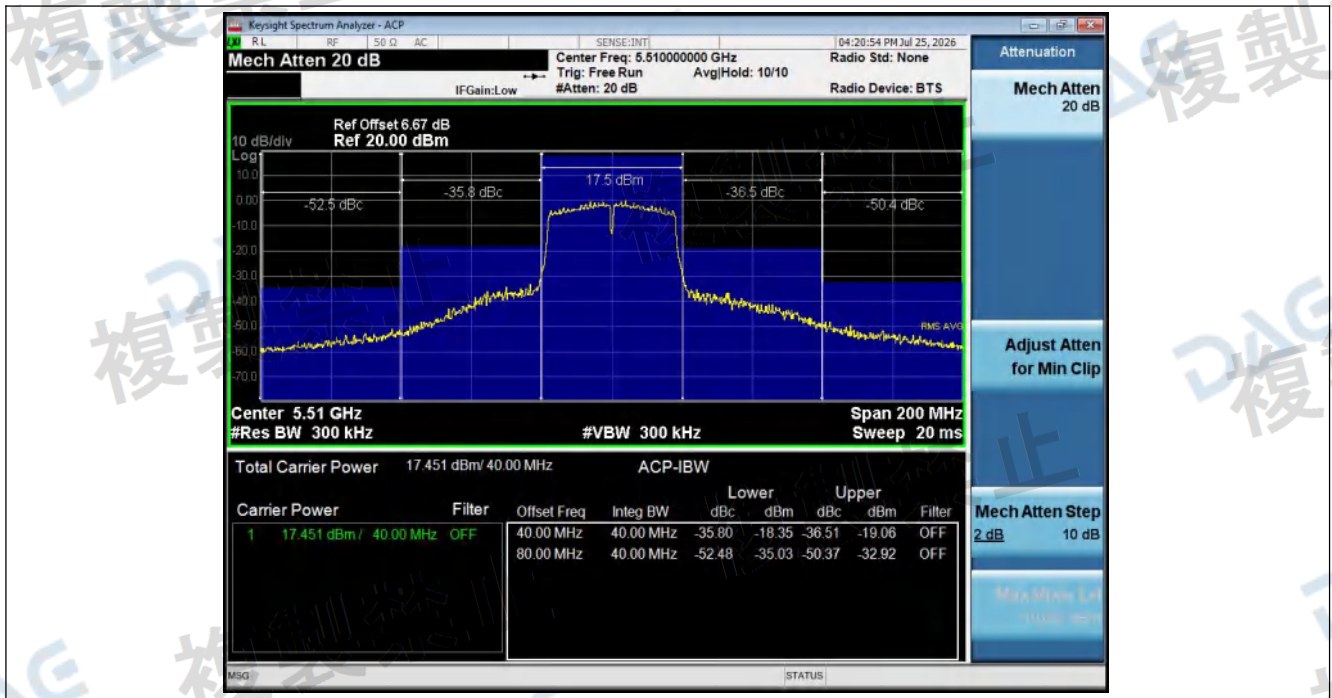
ACP_Measure_NVNT_ANT1_802_11n(HT40)_5590_40M



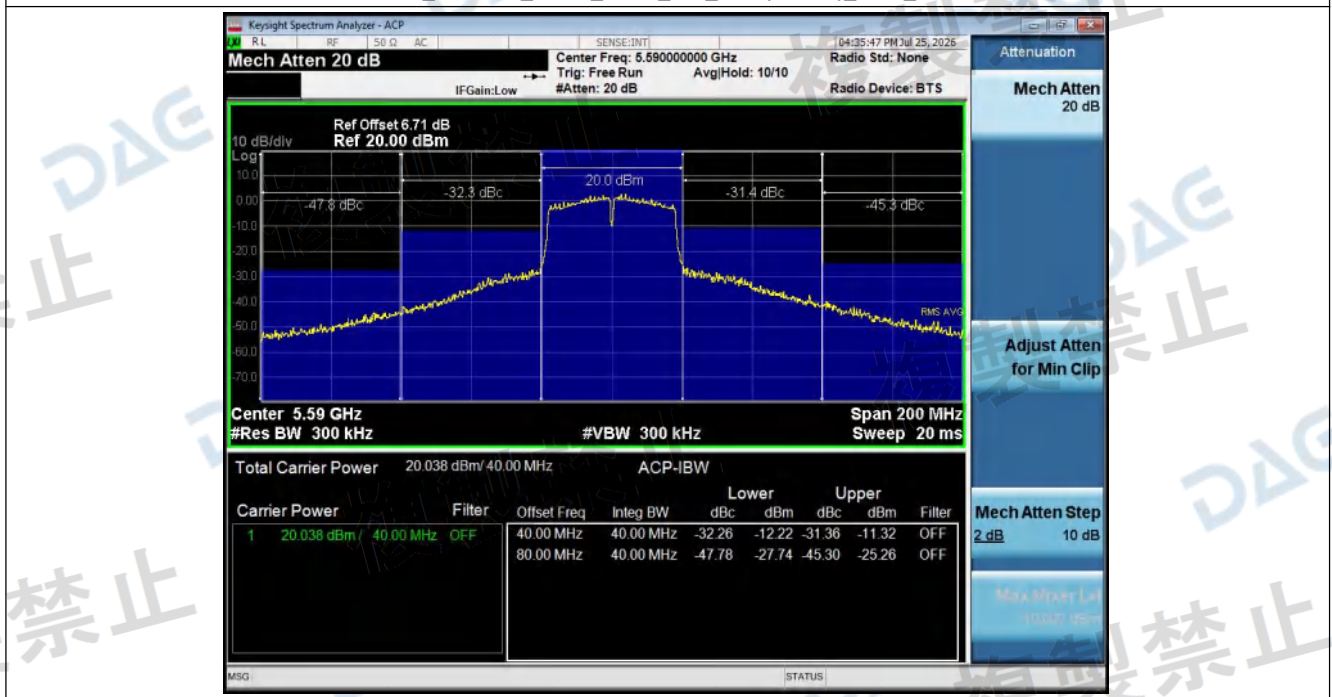
ACP_Measure_NVNT_ANT1_802_11n(HT40)_5710_40M



ACP_Measure_NVNT_ANT1_802_11ac(VHT40)_5510_40M



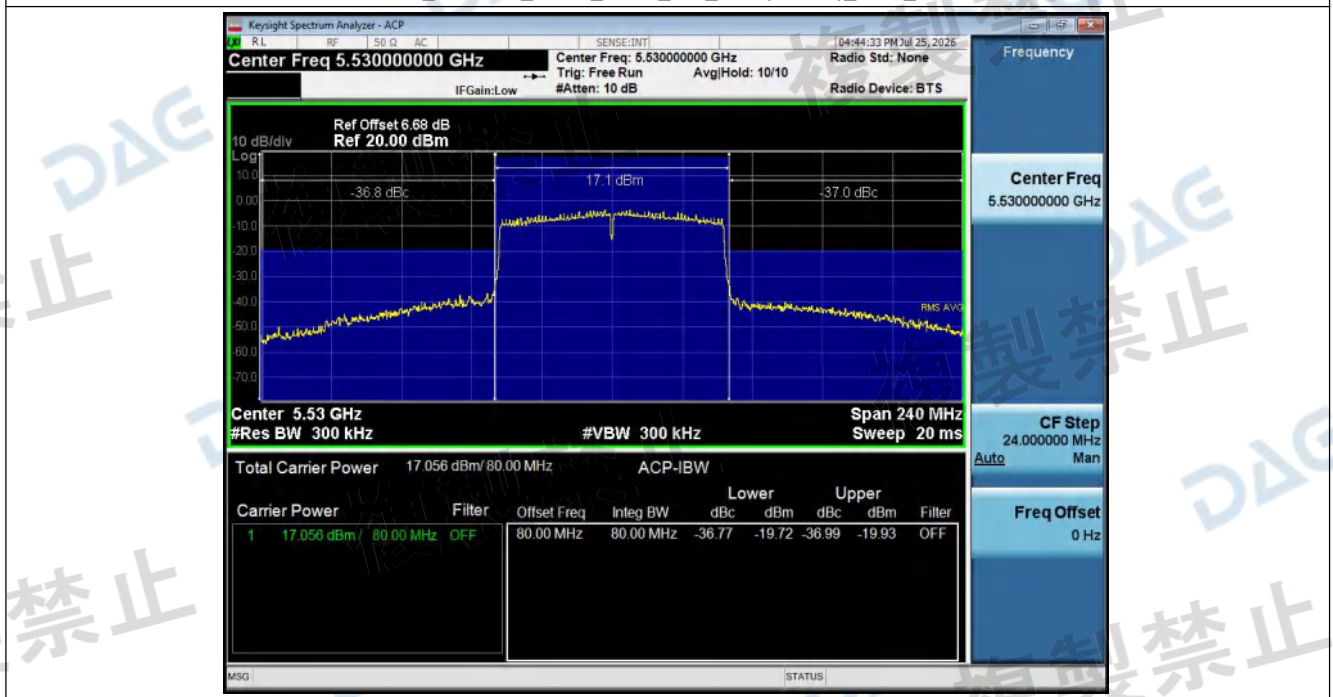
ACP_Measure_NVNT_ANT1_802_11ac(VHT40)_5590_40M



ACP_Measure_NVNT_ANT1_802_11ac(VHT40)_5710_40M



ACP_Measure_NVNT_ANT1_802_11ac(VHT80)_5530_80M



ACP_Measure_NVNT_ANT1_802_11ac(VHT80)_5610_80M



ACP_Measure_NVNT_ANT1_802_11ac(VHT80)_5690_80M

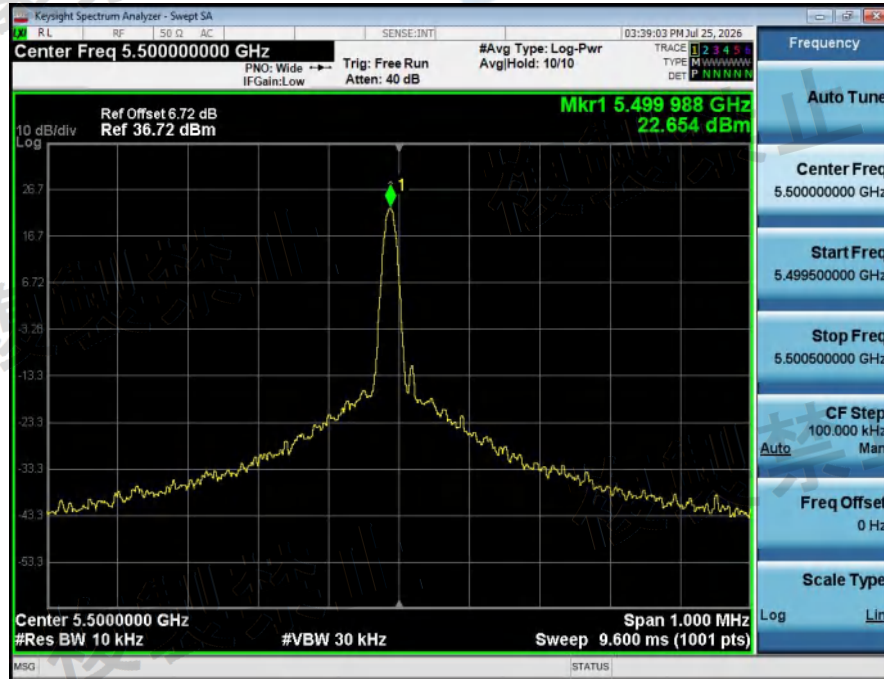


7. Frequency Tolerance

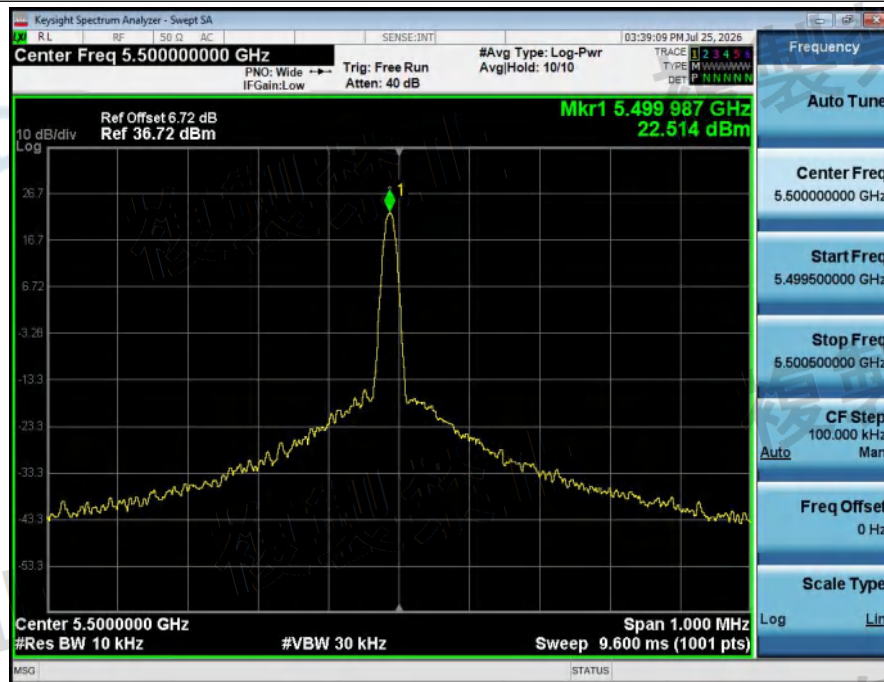
Condition	Antenna	Modulation	Frequency (MHz)	Test Frequency(MHz)	Frequency Tolerance(ppm)	Limit(ppm)	Result
NTNV	ANT1	802.11a	5500.00	5499.988	-2.182	±20	Pass
NTLV	ANT1	802.11a	5500.00	5499.988	-2.182	±20	Pass
NTHV	ANT1	802.11a	5500.00	5499.988	-2.182	±20	Pass
NTNV	ANT1	802.11a	5600.00	5599.987	-2.321	±20	Pass
NTLV	ANT1	802.11a	5600.00	5599.987	-2.321	±20	Pass
NTHV	ANT1	802.11a	5600.00	5599.987	-2.321	±20	Pass
NTNV	ANT1	802.11a	5720.00	5719.986	-2.448	±20	Pass
NTLV	ANT1	802.11a	5720.00	5719.986	-2.448	±20	Pass
NTHV	ANT1	802.11a	5720.00	5719.986	-2.448	±20	Pass
NTNV	ANT1	802.11n(HT20)	5500.00	5499.984	-2.909	±20	Pass
NTLV	ANT1	802.11n(HT20)	5500.00	5499.984	-2.909	±20	Pass
NTHV	ANT1	802.11n(HT20)	5500.00	5499.984	-2.909	±20	Pass
NTNV	ANT1	802.11n(HT20)	5600.00	5599.983	-3.036	±20	Pass
NTLV	ANT1	802.11n(HT20)	5600.00	5599.983	-3.036	±20	Pass
NTHV	ANT1	802.11n(HT20)	5600.00	5599.983	-3.036	±20	Pass
NTNV	ANT1	802.11n(HT20)	5720.00	5719.983	-2.972	±20	Pass
NTLV	ANT1	802.11n(HT20)	5720.00	5719.983	-2.972	±20	Pass
NTHV	ANT1	802.11n(HT20)	5720.00	5719.983	-2.972	±20	Pass
NTNV	ANT1	802.11ac(VHT20)	5500.00	5499.983	-3.091	±20	Pass
NTLV	ANT1	802.11ac(VHT20)	5500.00	5499.983	-3.091	±20	Pass
NTHV	ANT1	802.11ac(VHT20)	5500.00	5499.983	-3.091	±20	Pass
NTNV	ANT1	802.11ac(VHT20)	5600.00	5599.983	-3.036	±20	Pass
NTLV	ANT1	802.11ac(VHT20)	5600.00	5599.983	-3.036	±20	Pass
NTHV	ANT1	802.11ac(VHT20)	5600.00	5599.983	-3.036	±20	Pass
NTNV	ANT1	802.11ac(VHT20)	5720.00	5719.983	-2.972	±20	Pass
NTLV	ANT1	802.11ac(VHT20)	5720.00	5719.983	-2.972	±20	Pass
NTHV	ANT1	802.11ac(VHT20)	5720.00	5719.983	-2.972	±20	Pass
NTNV	ANT1	802.11n(HT40)	5510.00	5509.984	-2.904	±20	Pass
NTLV	ANT1	802.11n(HT40)	5510.00	5509.984	-2.904	±20	Pass
NTHV	ANT1	802.11n(HT40)	5510.00	5509.984	-2.904	±20	Pass
NTNV	ANT1	802.11n(HT40)	5590.00	5589.984	-2.862	±20	Pass
NTLV	ANT1	802.11n(HT40)	5590.00	5589.984	-2.862	±20	Pass
NTHV	ANT1	802.11n(HT40)	5590.00	5589.984	-2.862	±20	Pass
NTNV	ANT1	802.11n(HT40)	5710.00	5709.985	-2.627	±20	Pass
NTLV	ANT1	802.11n(HT40)	5710.00	5709.985	-2.627	±20	Pass
NTHV	ANT1	802.11n(HT40)	5710.00	5709.985	-2.627	±20	Pass
NTNV	ANT1	802.11ac(VHT40)	5510.00	5509.983	-3.085	±20	Pass
NTLV	ANT1	802.11ac(VHT40)	5510.00	5509.983	-3.085	±20	Pass
NTHV	ANT1	802.11ac(VHT40)	5510.00	5509.983	-3.085	±20	Pass
NTNV	ANT1	802.11ac(VHT40)	5590.00	5589.983	-3.041	±20	Pass
NTLV	ANT1	802.11ac(VHT40)	5590.00	5589.983	-3.041	±20	Pass
NTHV	ANT1	802.11ac(VHT40)	5590.00	5589.983	-3.041	±20	Pass
NTNV	ANT1	802.11ac(VHT40)	5710.00	5709.983	-2.977	±20	Pass
NTLV	ANT1	802.11ac(VHT40)	5710.00	5709.983	-2.977	±20	Pass
NTHV	ANT1	802.11ac(VHT40)	5710.00	5709.983	-2.977	±20	Pass
NTNV	ANT1	802.11ac(VHT80)	5530.00	5529.986	-2.532	±20	Pass
NTLV	ANT1	802.11ac(VHT80)	5530.00	5529.986	-2.532	±20	Pass

NTHV	ANT1	802.11ac(VHT80)	5530.00	5529.986	-2.532	±20	Pass
NTNV	ANT1	802.11ac(VHT80)	5610.00	5609.986	-2.496	±20	Pass
NTLV	ANT1	802.11ac(VHT80)	5610.00	5609.986	-2.496	±20	Pass
NTHV	ANT1	802.11ac(VHT80)	5610.00	5609.986	-2.496	±20	Pass
NTNV	ANT1	802.11ac(VHT80)	5690.00	5689.988	-2.109	±20	Pass
NTLV	ANT1	802.11ac(VHT80)	5690.00	5689.988	-2.109	±20	Pass
NTHV	ANT1	802.11ac(VHT80)	5690.00	5689.988	-2.109	±20	Pass

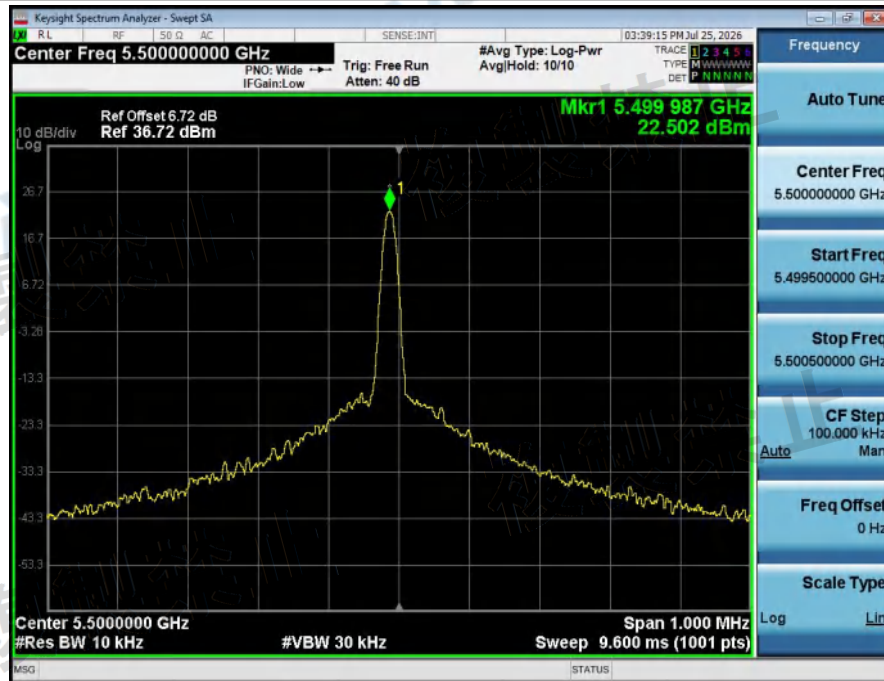
Frequency_Tolerance_NTNV_ANT1_802_11a_5500_20M



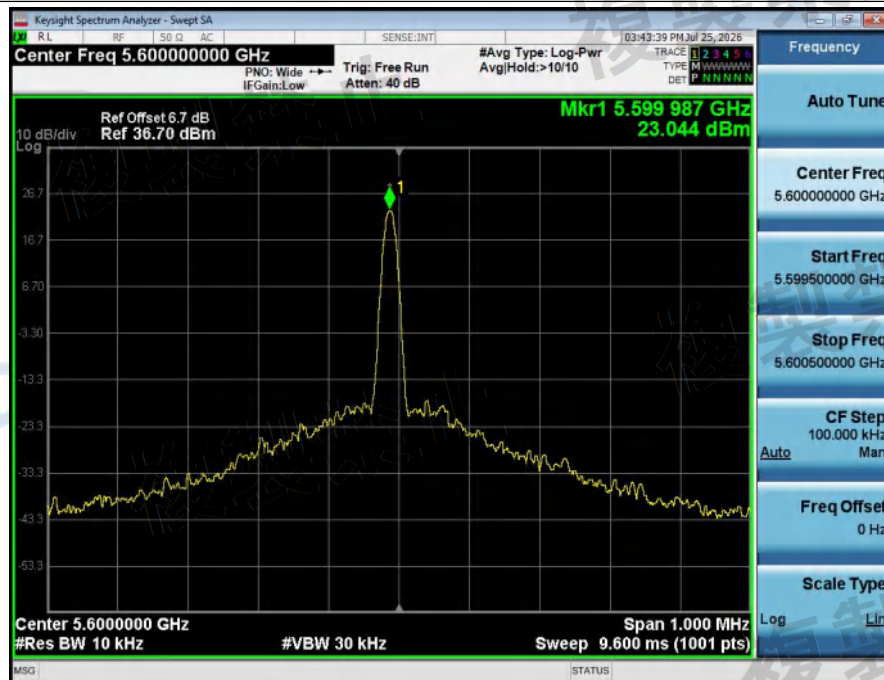
Frequency_Tolerance_NTLV_ANT1_802_11a_5500_20M



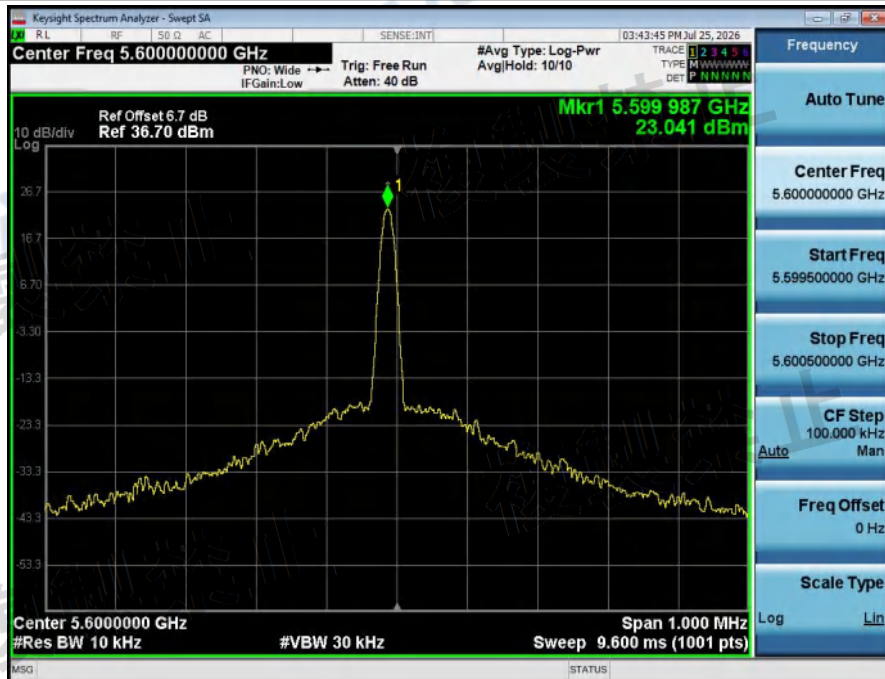
Frequency_Tolerance_NTHV_ANT1_802_11a_5500_20M



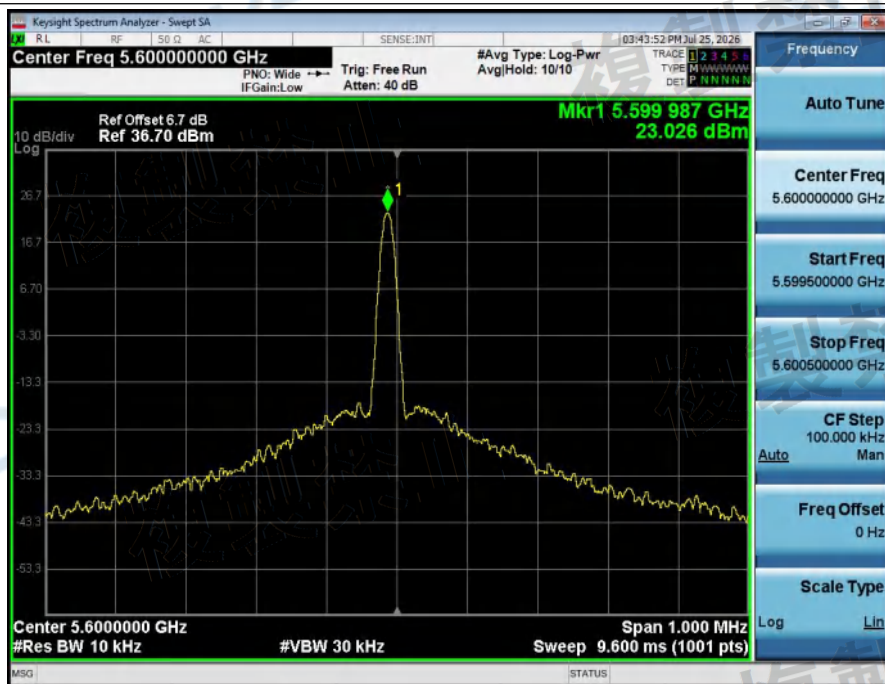
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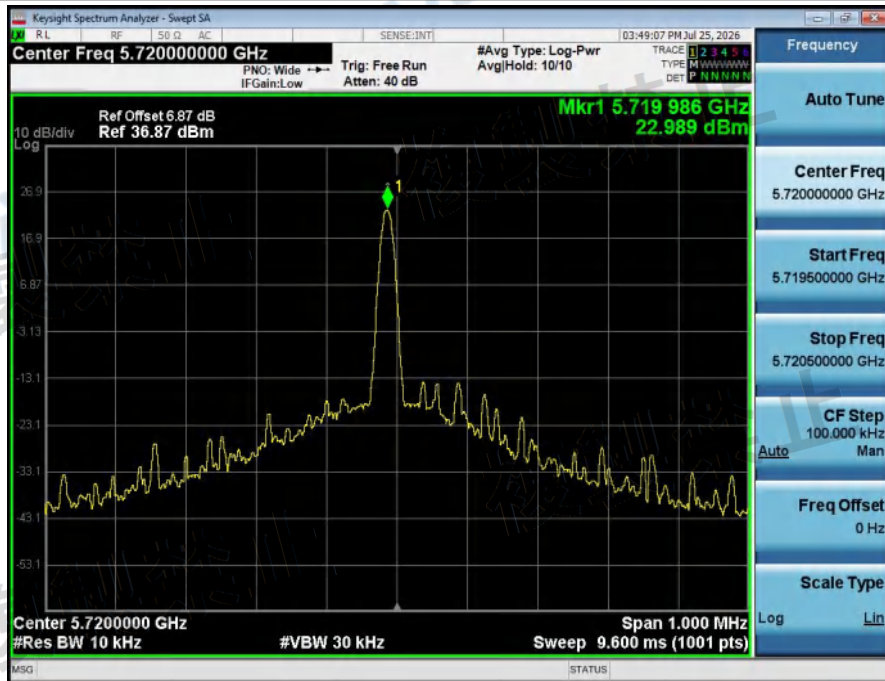
Frequency_Tolerance_NTLV_ANT1_802_11a_5600_20M



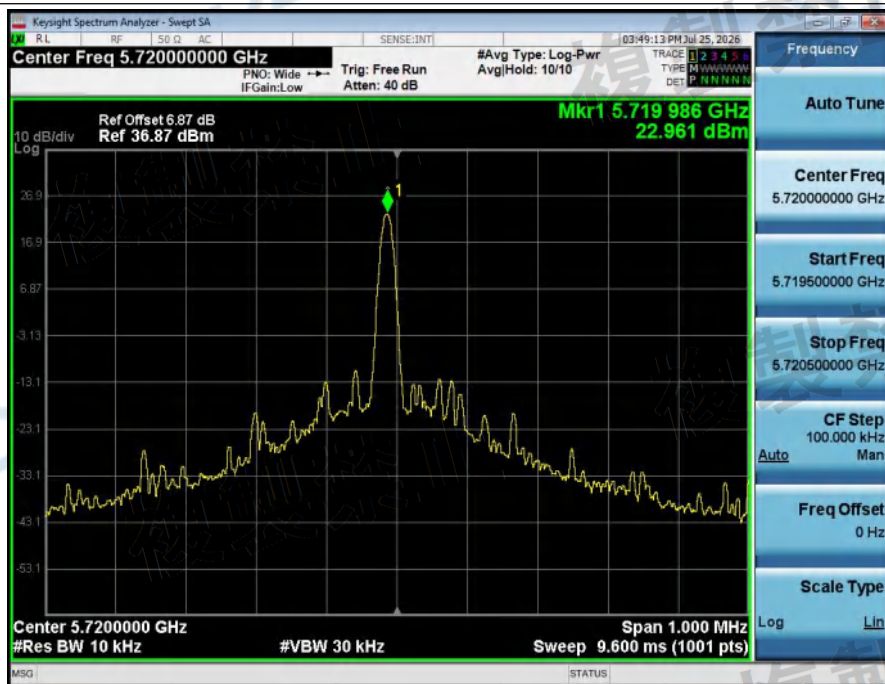
Frequency_Tolerance_NTHV_ANT1_802_11a_5600_20M



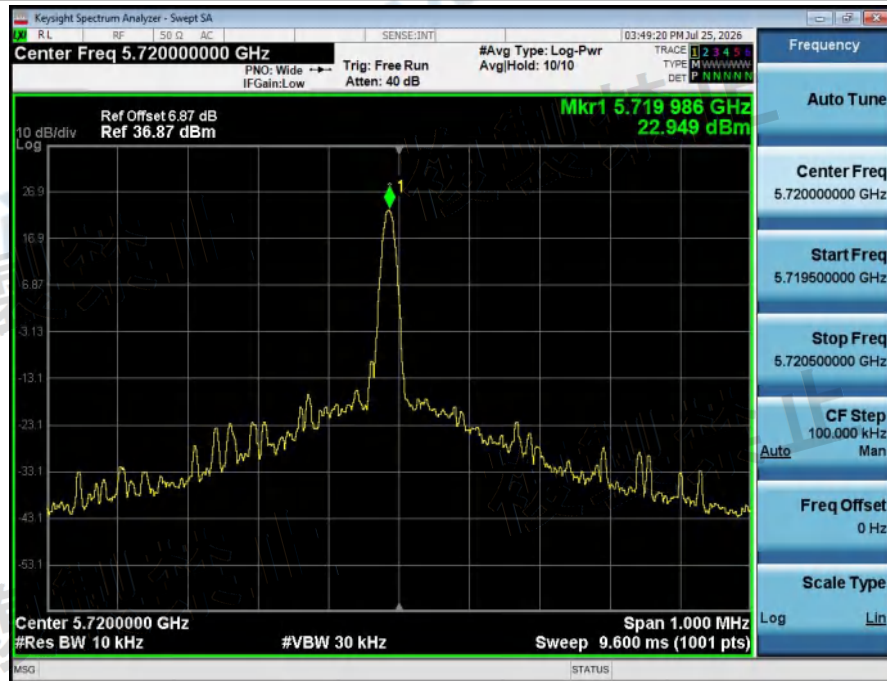
Frequency_Tolerance_NTNV_ANT1_802_11a_5720_20M



Frequency_Tolerance_NTLV_ANT1_802_11a_5720_20M



Frequency_Tolerance_NTHV_ANT1_802_11a_5720_20M

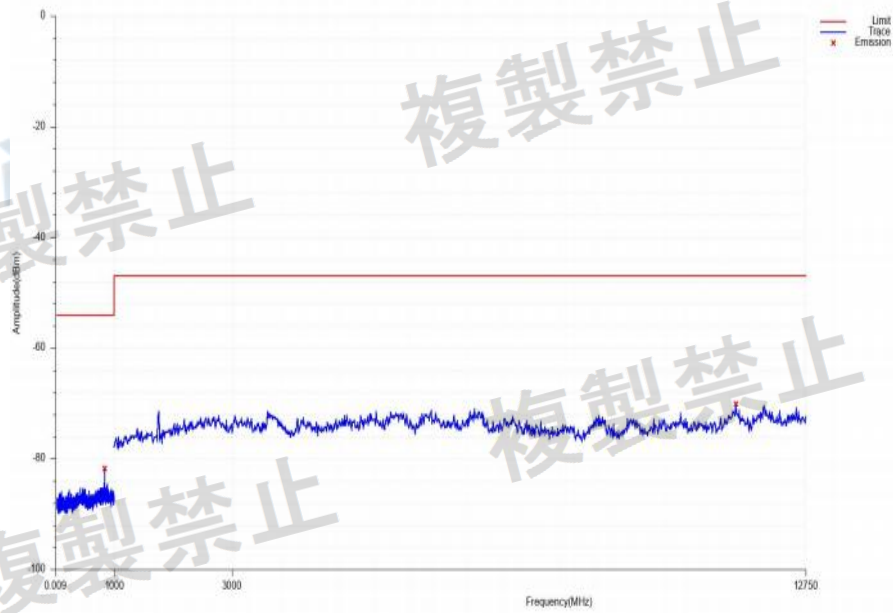


8. Secondary emission of radio wave

Condition	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
NVNT	802.11a	LCH	30.0~1000.0	100	833.16	-81.75	0.0066nW	4nW	NO	/	/	Pass
NVNT	802.11a	LCH	1000.0~13000.0	1000	11560.00	-70.09	0.0979nW	20nW	NO	/	/	Pass
NVNT	802.11a	MCH	30.0~1000.0	100	825.40	-75.16	0.0305nW	4nW	NO	/	/	Pass
NVNT	802.11a	MCH	1000.0~13000.0	1000	1744.00	-67.89	0.1626nW	20nW	NO	/	/	Pass
NVNT	802.11a	HCH	30.0~1000.0	100	838.01	-67.08	0.1960nW	4nW	NO	/	/	Pass
NVNT	802.11a	HCH	1000.0~13000.0	1000	1756.00	-66.64	0.2170nW	20nW	NO	/	/	Pass
NVNT	802.11n(HT20)	LCH	30.0~1000.0	100	736.16	-84.12	0.0038nW	4nW	NO	/	/	Pass
NVNT	802.11n(HT20)	LCH	1000.0~13000.0	1000	3652.00	-70.03	0.0992nW	20nW	NO	/	/	Pass
NVNT	802.11n(HT20)	MCH	30.0~1000.0	100	828.31	-77.10	0.0195nW	4nW	NO	/	/	Pass
NVNT	802.11n(HT20)	MCH	1000.0~13000.0	1000	1756.00	-61.24	0.7511nW	20nW	NO	/	/	Pass
NVNT	802.11n(HT20)	HCH	30.0~1000.0	100	473.29	-83.67	0.0042nW	4nW	NO	/	/	Pass
NVNT	802.11n(HT20)	HCH	1000.0~13000.0	1000	1756.00	-64.63	0.3439nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	LCH	30.0~1000.0	100	737.13	-84.39	0.0036nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	LCH	1000.0~13000.0	1000	1756.00	-65.29	0.2958nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	MCH	30.0~1000.0	100	479.11	-84.25	0.0037nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	MCH	1000.0~13000.0	1000	1744.00	-66.88	0.2049nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	HCH	30.0~1000.0	100	938.89	-83.83	0.0041nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT20)	HCH	1000.0~13000.0	1000	1756.00	-63.87	0.4100nW	20nW	NO	/	/	Pass
NVNT	802.11n(HT40)	LCH	30.0~1000.0	100	847.71	-83.72	0.0042nW	4nW	NO	/	/	Pass
NVNT	802.11n(HT40)	LCH	1000.0~13000.0	1000	1756.00	-67.12	0.1941nW	20nW	NO	/	/	Pass
NVNT	802.11n(HT40)	MCH	30.0~1000.0	100	724.52	-84.32	0.0036nW	4nW	NO	/	/	Pass
NVNT	802.11n(HT40)	MCH	1000.0~13000.0	1000	1756.00	-64.38	0.3647nW	20nW	NO	/	/	Pass
NVNT	802.11n(HT40)	HCH	30.0~1000.0	100	835.10	-84.20	0.0038nW	4nW	NO	/	/	Pass
NVNT	802.11n(HT40)	HCH	1000.0~13000.0	1000	1756.00	-56.99	1.9986nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT40)	LCH	30.0~1000.0	100	478.14	-84.11	0.0038nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT40)	LCH	1000.0~13000.0	1000	1756.00	-64.71	0.3383nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT40)	MCH	30.0~1000.0	100	881.66	-83.99	0.0039nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT40)	MCH	1000.0~13000.0	1000	5740.00	-70.04	0.0990nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT40)	HCH	30.0~1000.0	100	487.84	-84.60	0.0034nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT40)	HCH	1000.0~13000.0	1000	1756.00	-65.03	0.3139nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT80)	LCH	30.0~1000.0	100	752.65	-84.44	0.0035nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT80)	LCH	1000.0~13000.0	1000	1744.00	-68.80	0.1319nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT80)	MCH	30.0~1000.0	100	794.36	-84.64	0.0034nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT80)	MCH	1000.0~13000.0	1000	1756.00	-54.94	3.2061nW	20nW	NO	/	/	Pass
NVNT	802.11ac(VHT80)	HCH	30.0~1000.0	100	821.52	-84.19	0.0038nW	4nW	NO	/	/	Pass
NVNT	802.11ac(VHT80)	HCH	1000.0~13000.0	1000	1756.00	-54.04	3.9413nW	20nW	NO	/	/	Pass

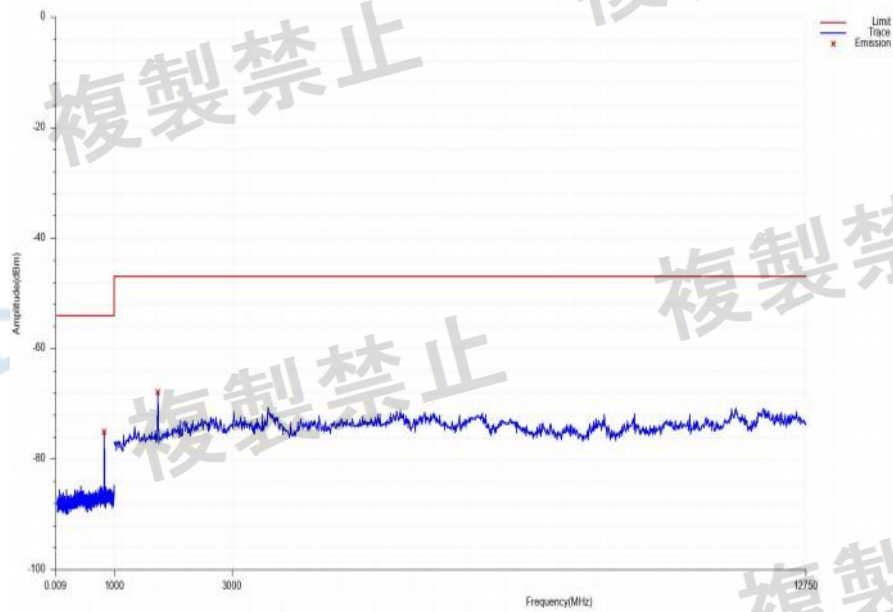
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11a_LCH

Secondary Radiated Emissions



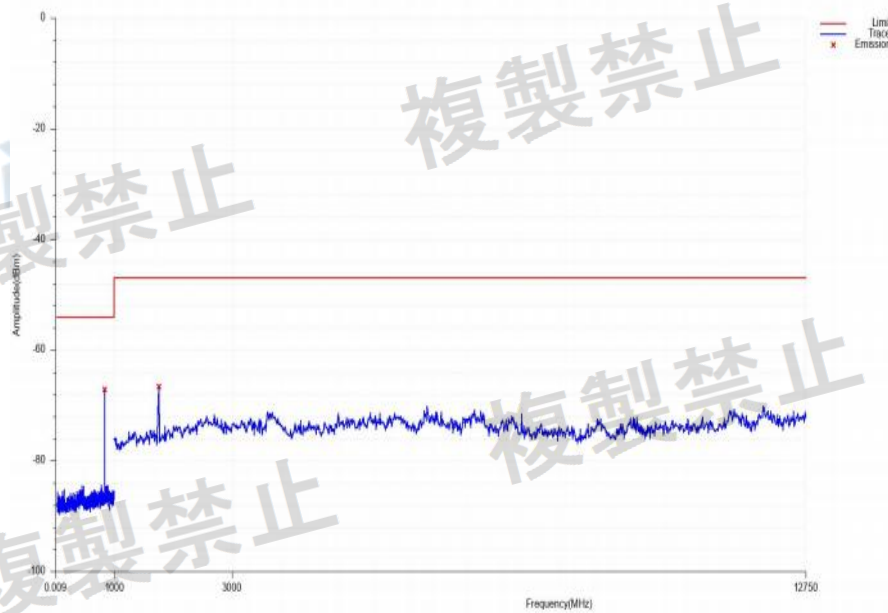
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11a_MCH

Secondary Radiated Emissions



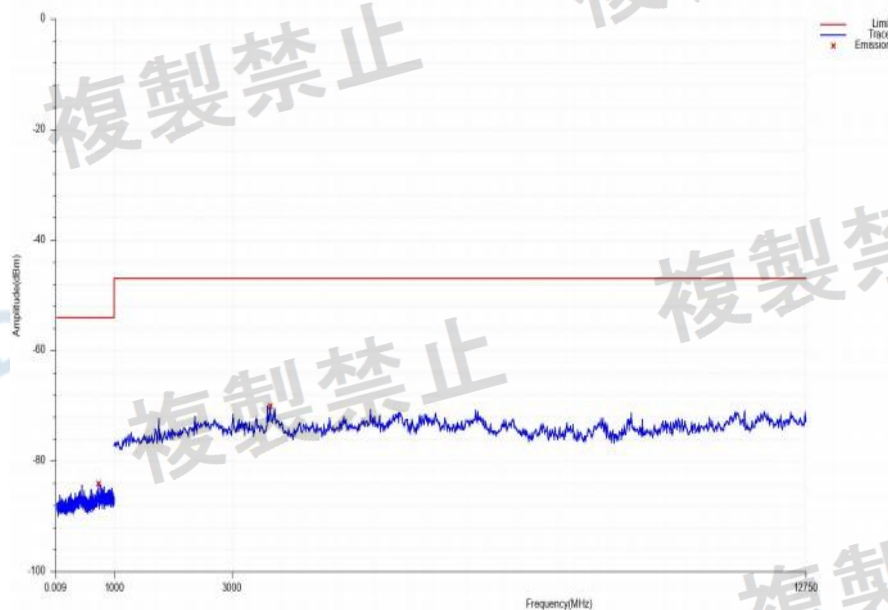
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11a_HCH

Secondary Radiated Emissions



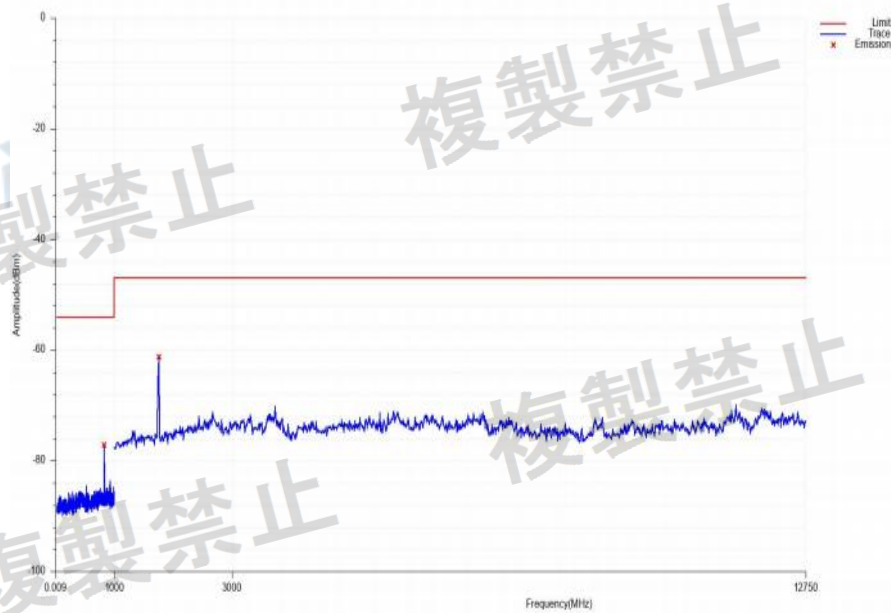
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11n(HT20)_LCH

Secondary Radiated Emissions



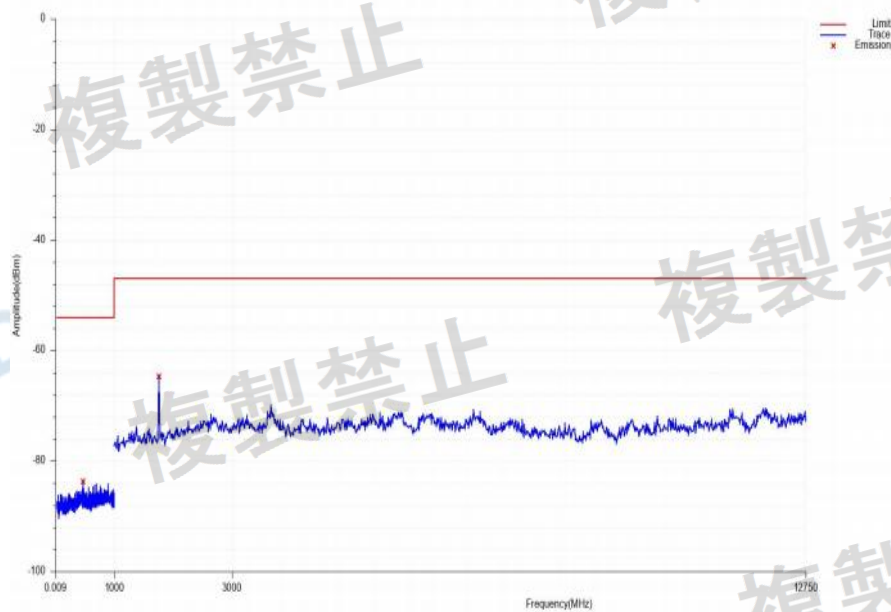
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11n(HT20)_MCH

Secondary Radiated Emissions

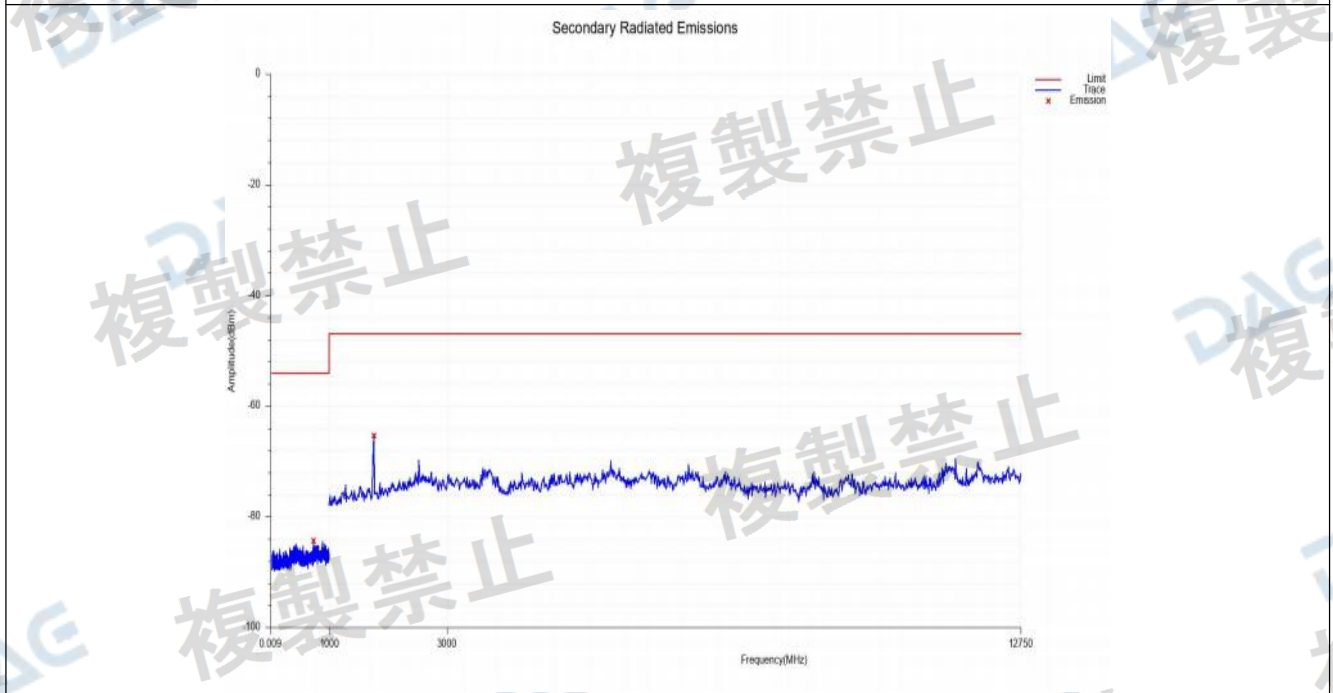


Secondary_emission_of_radio_wave_NVNT_ANT1_802_11n(HT20)_HCH

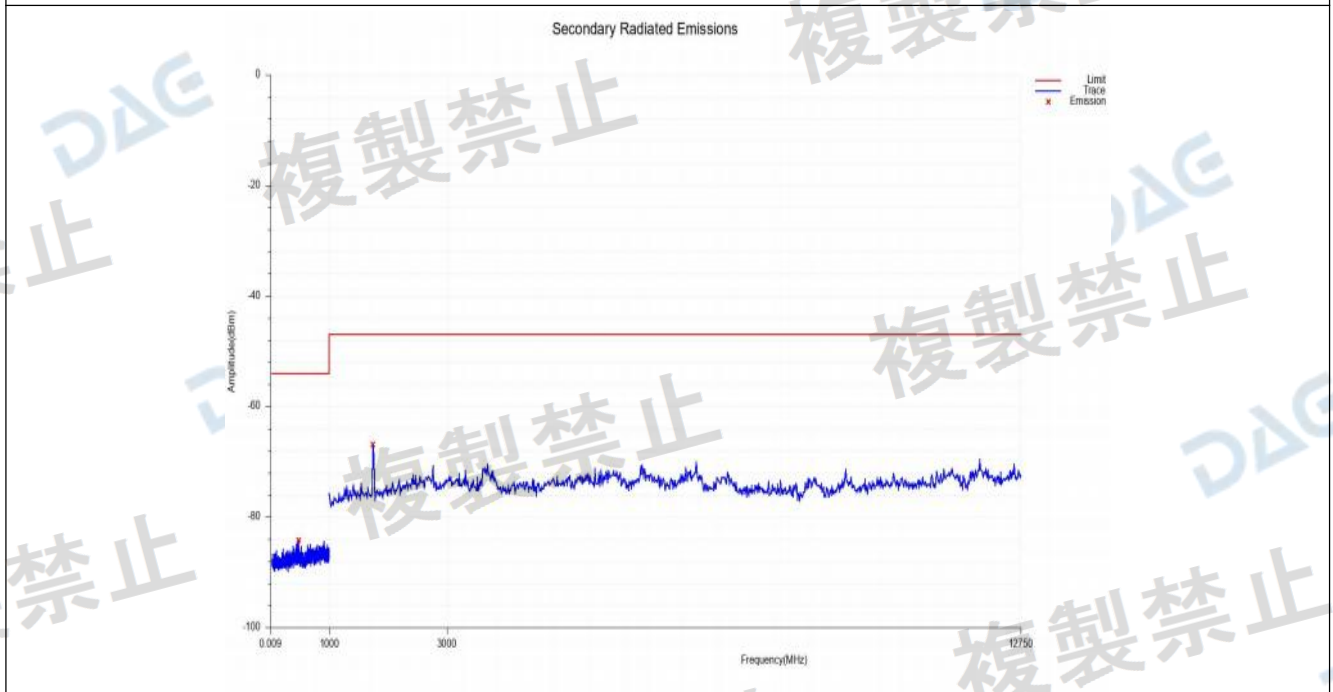
Secondary Radiated Emissions



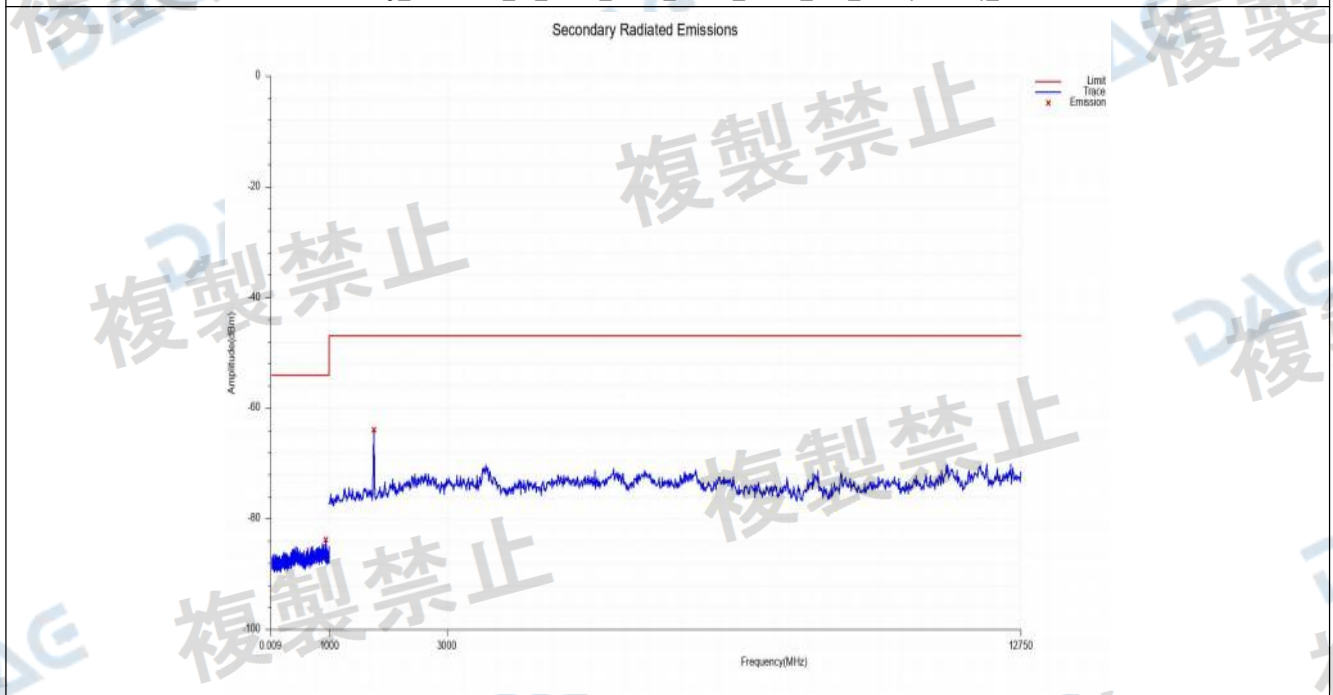
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT20)_LCH



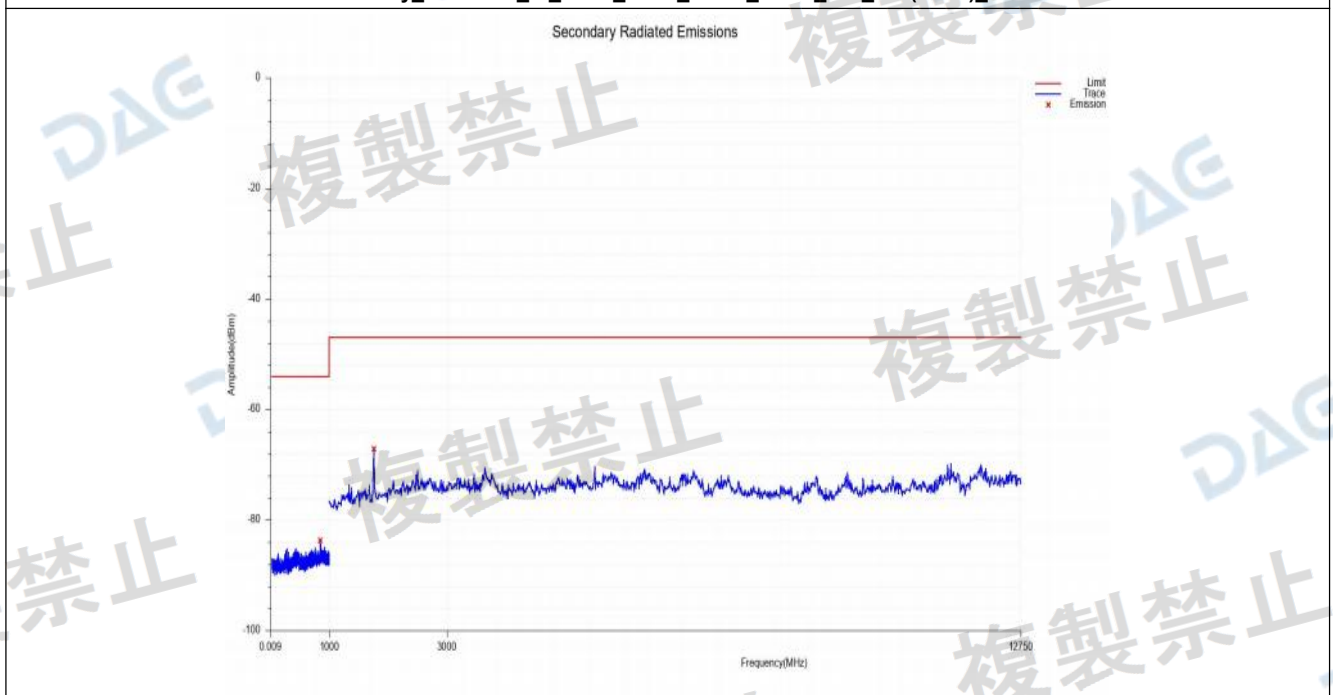
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT20)_MCH



Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT20)_HCH

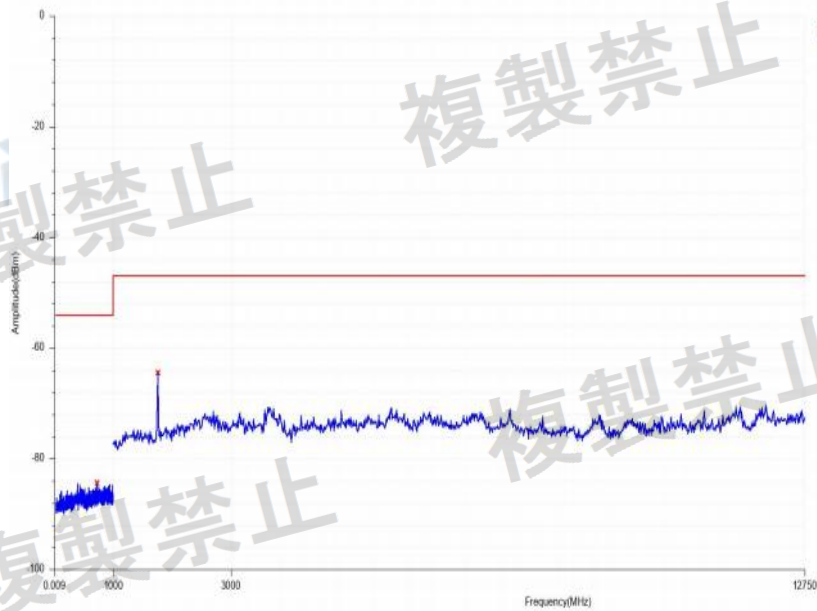


Secondary_emission_of_radio_wave_NVNT_ANT1_802_11n(HT40)_LCH



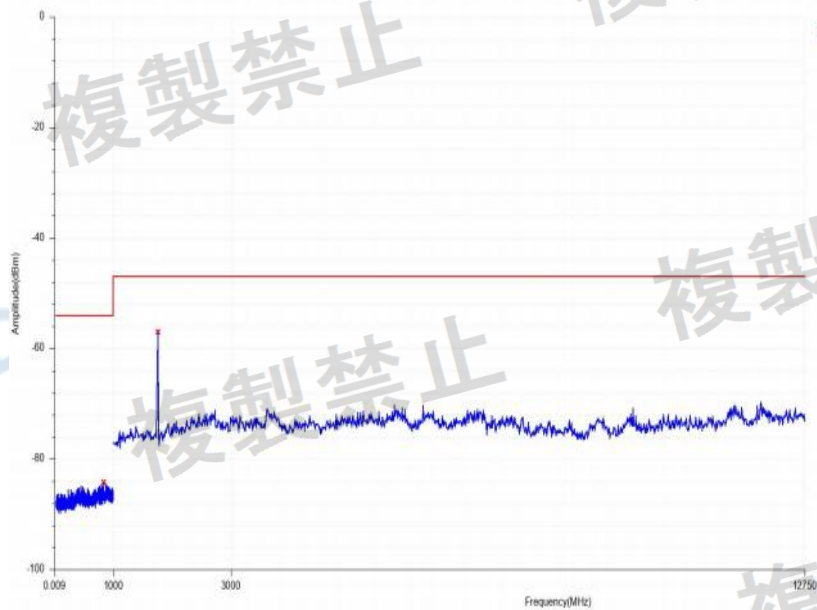
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11n(HT40)_MCH

Secondary Radiated Emissions



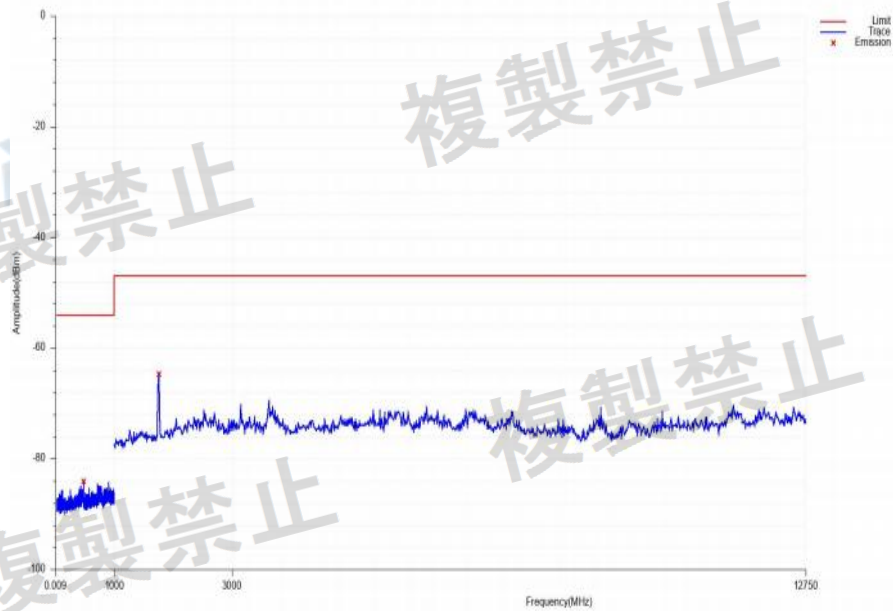
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11n(HT40)_HCH

Secondary Radiated Emissions



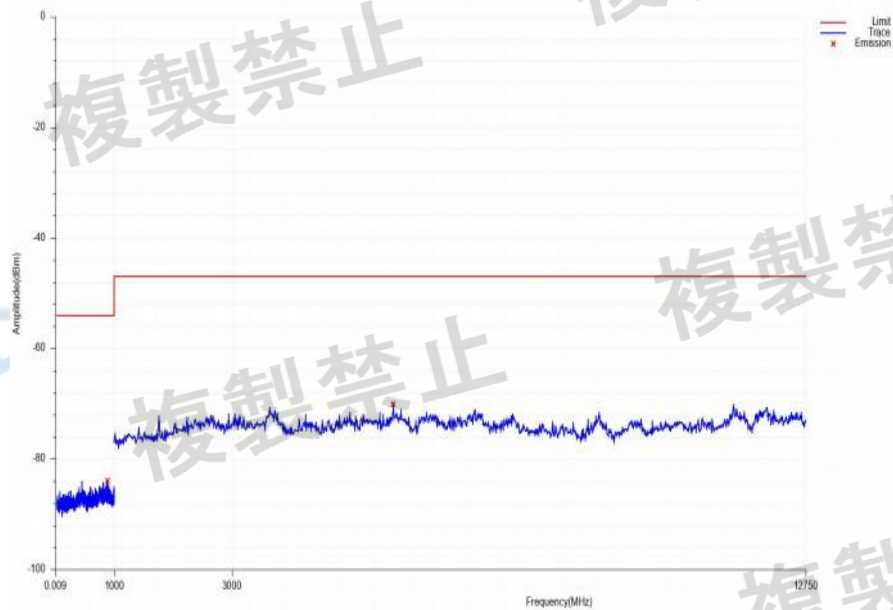
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT40)_LCH

Secondary Radiated Emissions

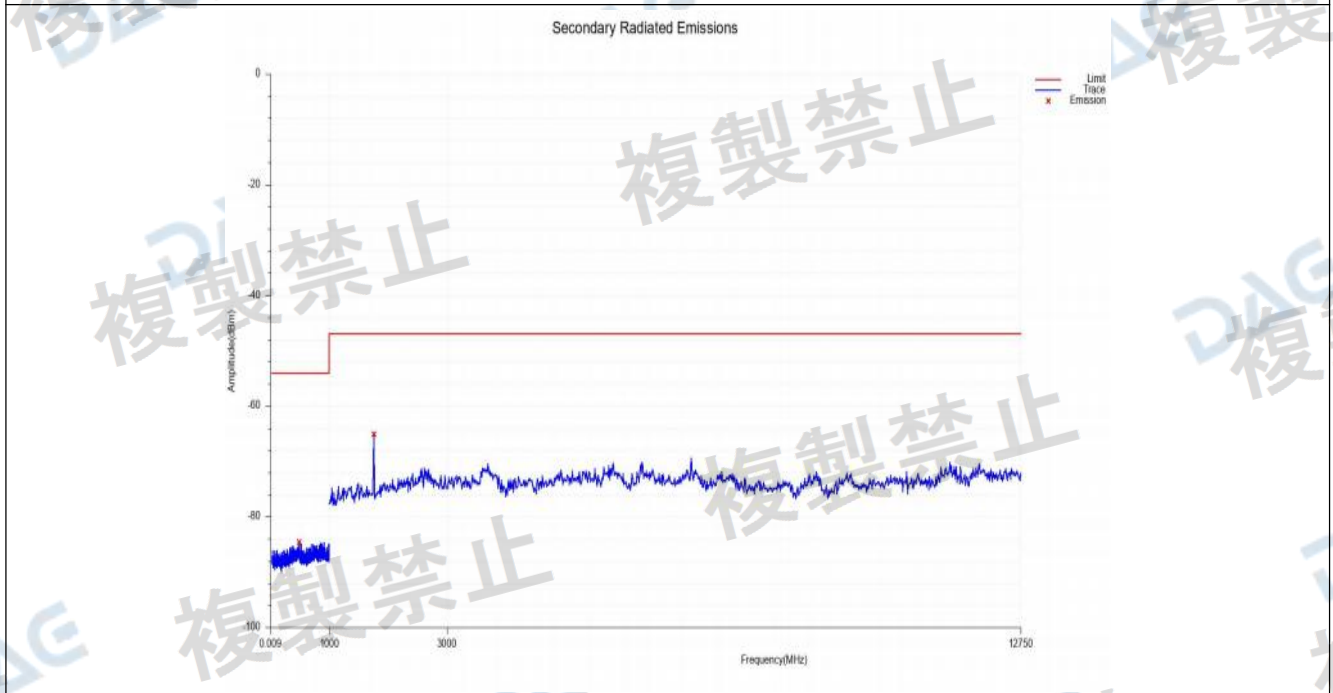


Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT40)_MCH

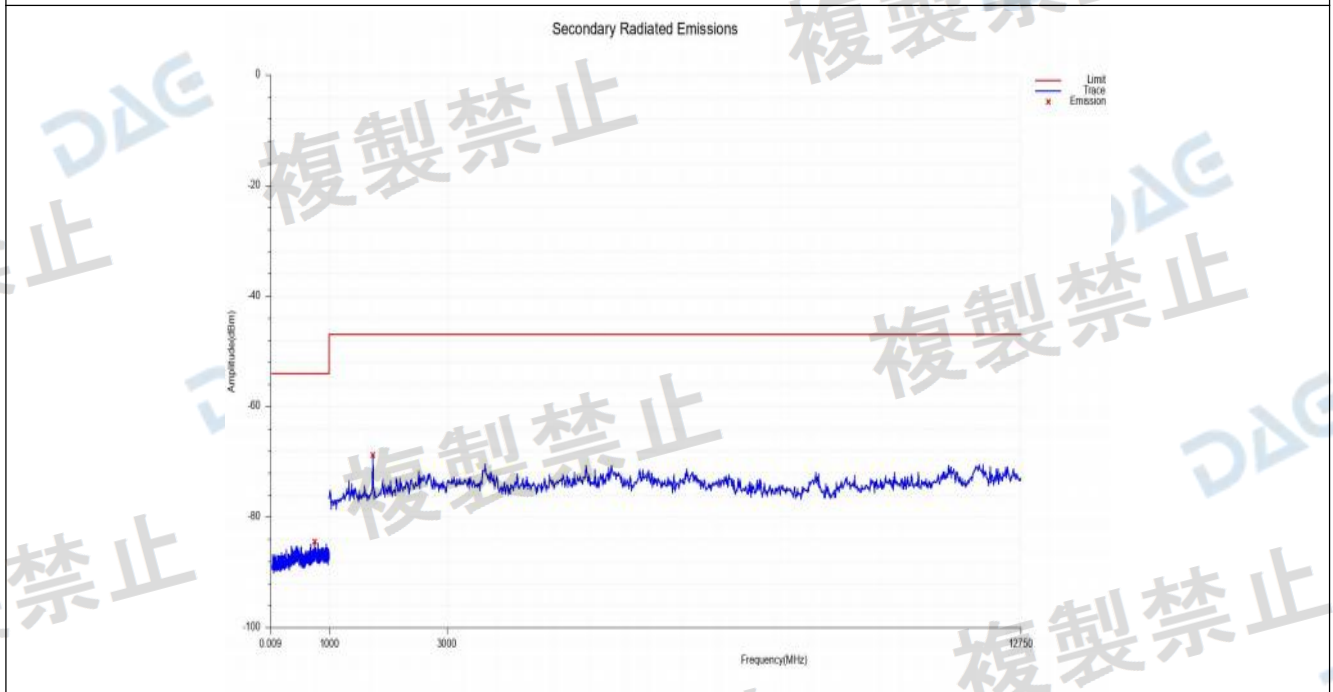
Secondary Radiated Emissions



Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT40)_HCH

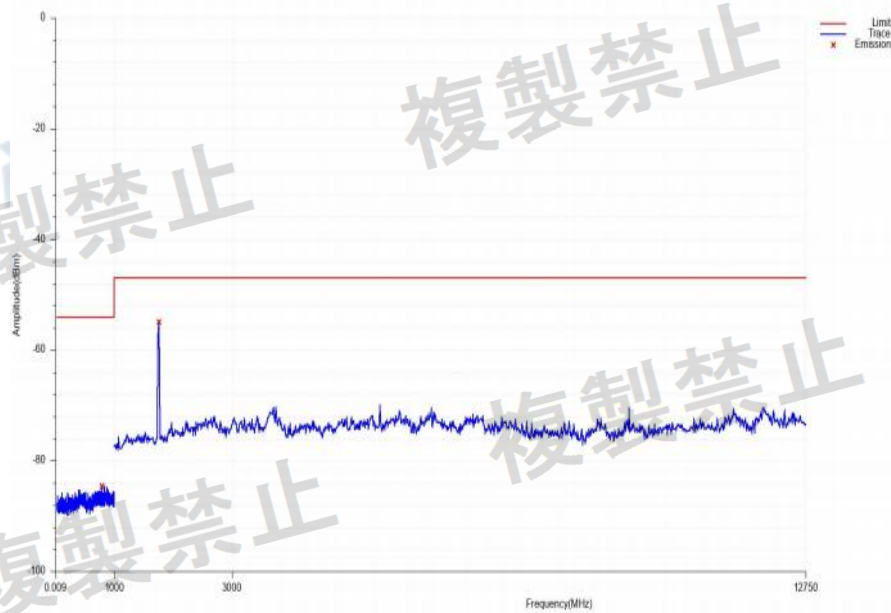


Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT80)_LCH



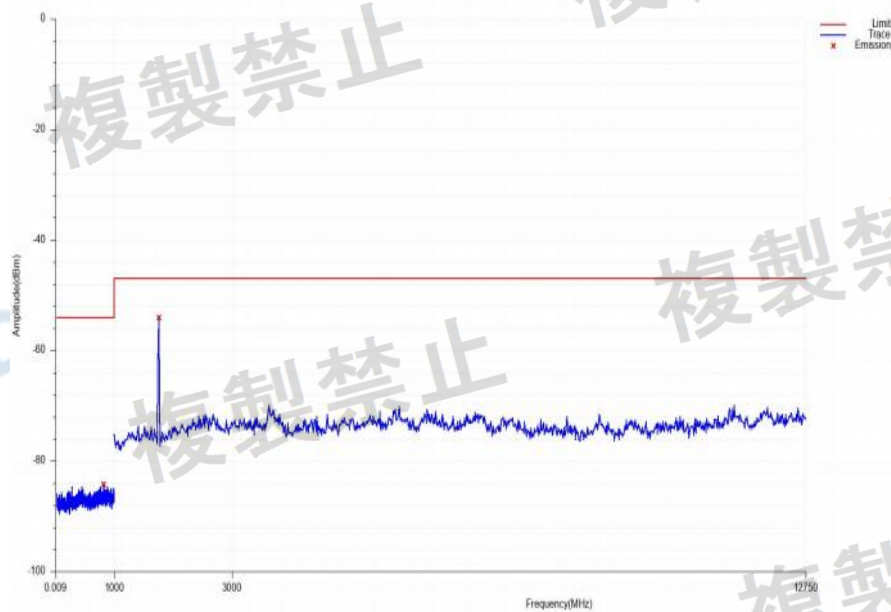
Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT80)_MCH

Secondary Radiated Emissions



Secondary_emission_of_radio_wave_NVNT_ANT1_802_11ac(VHT80)_HCH

Secondary Radiated Emissions



***** End of Report *****