



# FCC PART 15 TEST REPORT No.I21Z60790-IOT05

for

**Honor Device Co., Ltd.**

**Smart Phone**

**NTH-NX9**

**With**

**FCC ID:2AYGCNTH-NX9**

**Hardware Version: HN2NTHM**

**Software Version: 4.2.0.107 (C900E107R1P2)**

**Issued Date: 2021-08-20**

**Note:**

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## **REPORT HISTORY**

| Report Number   | Revision | Description                      | Issue Date |
|-----------------|----------|----------------------------------|------------|
| I21Z60790-IOT05 | Rev.0    | 1st edition                      | 2021-08-20 |
| I21Z60790-IOT05 | Rev.1    | Change P.5.Testing<br>Location 1 | 2021-09-09 |

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## **1. TEST LATORATORY**

### **1.1. Introduction & Accreditation**

**Telecommunication Technology Labs, CAICT** is an ISO/IEC 17025:2017 accredited test laboratory under NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM (NVLAP) with lab code 600118-0, and is also an FCC accredited test laboratory (CN5017), and ISED accredited test laboratory (ISED#: 24849). The detail accreditation scope can be found on NVLAP website.

### **1.2. TestingLocation**

Location 1:CTTL(Huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing,  
P. R. China100191

Radiated testing Location: CTTL(BDA)

Address: No.18A, Kangding Street, Beijing Economic-Technology  
Development Area, Beijing, P. R. China 100176

### **1.3. Testing Environment**

Normal Temperature: 15-35℃

Relative Humidity: 20-75%

### **1.4. Project date**

Testing Start Date: 2021-05-10

Testing End Date: 2021-08-20

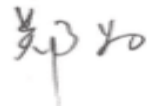
### 1.5. Signature

谢秀珍

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XieXiuzhen

( Prepared this test report )



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Zheng Wei

(Reviewed this test report)

胡晓宇

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Hu Xiaoyu

(Approved this test report)

## **2. CLIENT INFORMATION**

### **2.1 Applicant Information**

Company Name: Honor Device Co., Ltd.  
Address: Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen,  
Guangdong, China  
City: Shenzhen  
Postal Code: /  
Country: China  
Telephone: 0755-61886688  
Fax: /

### **2.2 Manufacturer Information**

Company Name: Honor Device Co., Ltd.  
Address: Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen,  
Guangdong, China  
City: Shenzhen  
Postal Code: /  
Country: China  
Telephone: 0755-61886688  
Fax: /

### 3. EQUIPMENT UNDER TEST (EUT) AND

#### ANCILLARY EQUIPMENT (AE)

##### 3.1. About EUT

|                     |                                                                        |
|---------------------|------------------------------------------------------------------------|
| Description         | Smart Phone                                                            |
| Model name          | NTH-NX9                                                                |
| FCC ID              | 2AYGCNTH-NX9                                                           |
| WLAN Frequency Band | ISM Bands:<br>-5150MHz~5250MHz<br>-5250MHz~5350MHz<br>-5470MHz~5725MHz |
| Type of modulation  | OFDM                                                                   |
| Antenna             | Integral Antenna                                                       |
| Nominal voltages    | 3.87V                                                                  |
| Maximum voltages    | 4.45V                                                                  |
| Minimum voltages    | 3.6V                                                                   |

##### 3.2. Internal Identification of EUT used during the test

| EUT ID* | SN or IMEI                          | HW Version | SW Version               |
|---------|-------------------------------------|------------|--------------------------|
| EUT1    | 861997050026090/<br>861997050029193 | HN2NTHM    | 4.2.0.107 (C900E107R1P2) |
| EUT2    | 861997050038418/<br>861997050042501 | HN2NTHM    | 4.2.0.107 (C900E107R1P2) |
| EUT3    | 861997050038426                     | HN2NTHM    | 4.2.0.107 (C900E107R1P2) |
| EUT4    | AXPM011428000074                    | HN2NTHM    | 4.2.0.107 (C900E107R1P2) |

\*EUT ID: is used to identify the test sample in the lab internally.

##### 3.3. Internal Identification of AE used during the test

| AE ID* | Description | SN | Note       |
|--------|-------------|----|------------|
| AE1    | Battery     | /  | EUT1       |
| AE9    | Battery     | /  | EUT2       |
| AE2    | Charger     | /  | NEW        |
| AE3    | Charger     | /  | OLD        |
| AE4    | USB Cable   | /  | LUXSHARE   |
| AE5    | USB Cable   | /  | Mingji     |
| AE6    | Headset     | /  | Foster     |
| AE7    | Headset     | /  | Lianchuang |
| AE8    | Headset     | /  | Quancheng  |





AE1

|                 |             |
|-----------------|-------------|
| Model           | HB476489EFW |
| Manufacturer    | Sunwoda     |
| Capacitance     | 4200mAh     |
| Nominal voltage | 3.87V       |

AE9

|                 |             |
|-----------------|-------------|
| Model           | HB476489EFW |
| Manufacturer    | SCUD        |
| Capacitance     | 4200mAh     |
| Nominal voltage | 3.87V       |

AE2

|              |                                        |
|--------------|----------------------------------------|
| Model        | HW-110600X00                           |
| Manufacturer | Honor Device Co., Ltd                  |
| OUTPUT       | 5V DC 2A OR 10V DC 4A OR 11V DC 6A MAX |
| SN           | YF91YEM3500036                         |
| Note         | NEW                                    |

AE3

|              |                                        |
|--------------|----------------------------------------|
| Model        | HW-110600X00                           |
| Manufacturer | Honor Device Co., Ltd                  |
| OUTPUT       | 5V DC 2A OR 10V DC 4A OR 11V DC 6A MAX |
| SN           | YF91LBLBL00158                         |
| Note         | OLD                                    |

AE4

|              |               |
|--------------|---------------|
| Model        | L99UC139-CS-H |
| Manufacturer | LUXSHARE      |
| Length       | /             |

AE5

|              |             |
|--------------|-------------|
| Model        | 213-01011-0 |
| Manufacturer | Mingji      |
| Length       | /           |

AE6

|              |        |
|--------------|--------|
| Model        | 640958 |
| Manufacturer | Foster |
| Length       | /      |

AE7

|       |                 |
|-------|-----------------|
| Model | MEND1632B729012 |
|-------|-----------------|

Manufacturer Lianchuang  
Length /

AE8

Model 1331-3301-6001-TC-347  
Manufacturer Quancheng  
Length /

\*AE ID: is used to identify the test sample in the lab internally.

### 3.4. General Description

The Equipment under Test (EUT) is a model of Smart Phone with integrated antenna and inbuilt battery.

It has Bluetooth (EDR) function.

It consists of normal options: travel charger, USB cable.

Manual and specifications of the EUT were provided to fulfil the test.

Samples undergoing test were selected by the client.

### 3.5. Interpretation of the Test Environment

For the test methods, the test environment uncertainty figures correspond to an expansion factor  $k=2$ .

Measurement Uncertainty

| Parameter   | Uncertainty |
|-------------|-------------|
| temperature | 0.48°C      |
| humidity    | 2 %         |
| DC voltages | 0.003V      |

## 4. REFERENCE DOCUMENTS

### 4.1. Documents supplied by applicant

EUT feature information is supplied by the applicant or manufacturer, which is the basis of testing.

### 4.2. Reference Documents for testing

The following documents listed in this section are referred for testing.

|                         |                                                                                                                                            |         |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------|
| FCC Part15              | Title 47 of the Code of Federal Regulations; Chapter I<br>Part 15 - Radio frequency devices                                                | 2019    |
| ANSI C63.10             | Methods of Measurement of Radio-Noise Emissions from<br>Low-Voltage Electrical and Electronic Equipment in the<br>Range of 9 kHz to 40 GHz | 2013    |
| UNII: KDB 789033<br>D02 | General U-NII Test Procedures New Rules v02r01                                                                                             | 2017-12 |
| KDB 558074 D01          | Federal Communications Commission Office of                                                                                                | 2019    |

Engineering and Technology Laboratory Division  
GUIDANCE FOR COMPLIANCE MEASUREMENTS ON  
DIGITAL TRANSMISSION SYSTEM, FREQUENCY  
HOPPING SPREAD SPECTRUM SYSTEM, AND HYBRID  
SYSTEM DEVICES OPERATING UNDER SECTION  
15.247 OF THE FCC RULES

## 5. LABORATORY ENVIRONMENT

Conducted RF performance testing is performed in shielding room.

EMC performance testing is performed in Semi-anechoic chamber.

## 6. SUMMARY OF TEST RESULTS

### 6.1. Summary of Test Results

| SUMMARY OF MEASUREMENT RESULTS                  | Sub-clause of Part15E | Sub-clause of IC | Verdict |
|-------------------------------------------------|-----------------------|------------------|---------|
| Maximum Output Power                            | 15.407                | /                | P       |
| Peak Power Spectral Density                     | 15.407                | /                | P       |
| Occupied 26dB Bandwidth                         | 15.403                | /                | P       |
| Band edge compliance (Radiated)                 | 15.209                | /                | P       |
| Transmitter spurious emissions (Radiated)       | 15.407                | /                | P       |
| AC Powerline Conducted Emission (150kHz- 30MHz) | 15.407                | /                | P       |
| Frequency Stability                             | 15.407                | /                | P       |
| 99% Occupied bandwidth                          | /                     | /                | P       |
| Transmit Power Control                          | 15.407                | /                | NA      |

Please refer to **ANNEX A** for detail.

Terms used in Verdict column

|    |                                                                               |
|----|-------------------------------------------------------------------------------|
| P  | Pass, The EUT complies with the essential requirements in the standard.       |
| NM | Not measured, The test was not measured by CTTL                               |
| NA | Not Applicable, The test was not applicable                                   |
| F  | Fail, The EUT does not comply with the essential requirements in the standard |

### 6.2. Statements

CTTL has evaluated the test cases requested by the client/manufacture as listed in section 6.1 of this report for the EUT specified in section 3 according to the standards or reference documents listed in section 4.1.

This report only deals with the WLAN function among the features described in section 3.

### 6.3. Test Conditions

For this report, all the test cases are tested under normal temperature and normal voltage, and also under norm humidity, the specific condition is shown as follows:

|             |       |
|-------------|-------|
| Temperature | 26℃   |
| Voltage     | 3.87V |
| Humidity    | 44%   |

## 7. TEST EQUIPMENTS UTILIZED

### Conducted test system

| No. | Equipment              | Model  | Serial Number | Manufacturer    | Calibration Period | Calibration Due date |
|-----|------------------------|--------|---------------|-----------------|--------------------|----------------------|
| 1   | Vector Signal Analyzer | FSQ40  | 200089        | Rohde & Schwarz | 1 year             | 2022-05-24           |
| 2   | Vector Signal Analyzer | FSW67  | 104051        | Rohde & Schwarz | 1 year             | 2021-12-08           |
| 3   | LISN                   | ENV216 | 101459        | Rohde & Schwarz | 1 year             | 2022-03-22           |
| 4   | Test Receiver          | ESCI   | 100766        | Rohde & Schwarz | 1 year             | 2022-03-09           |
| 5   | Shielding Room         | S81    | /             | ETS-Lindgren    | /                  | /                    |

### Radiated emission test system

| No. | Equipment                            | Model             | Serial Number | Manufacturer | Calibration Period | Calibration Due date |
|-----|--------------------------------------|-------------------|---------------|--------------|--------------------|----------------------|
| 1   | Antenna                              | 3117              | 139065        | ETS          | 1 year             | 2021-09-22           |
| 2   | Antenna                              | VULB 9163         | 9163-482      | SCHWARZBECK  | 1 year             | 2021-11-04           |
| 3   | Test Receiver                        | ESU26             | 100376        | R&S          | 1 year             | 2021-09-04           |
| 4   | Test Receiver                        | FSV40             | 101047        | R&S          | 1 year             | 2022-06-02           |
| 5   | Universal Radio Communication Tester | CMW500            | 159408        | R&S          | 1 year             | 2022-03-08           |
| 6   | Test Receiver                        | FSV30             | 101525        | R&S          | 1 year             | 2022-02-20           |
| 7   | Antenna                              | LB-7180-NF        | J203001300005 | A-INFO       | 1 year             | 2022-02-28           |
| 8   | Antenna                              | HFH2-Z2           | 829324        | R&S          | 1 year             | 2021-12-10           |
| 9   | Antenna                              | LB-180400-25-C-KF | 2110084000006 | A-INFO       | 1 year             | 2022-02-28           |
| 10  | Anechoic Chamber                     | FACT-3            | Ct000332-1074 | ETS          | 1 year             | 2022-01-21           |

## 8. Measurement Uncertainty

### 8.1 Transmitter Output Power

Measurement Uncertainty: 0.387dB,k=1.96

### 8.2 Peak Power Spectral Density

Measurement Uncertainty: 0.705dB,k=1.96

### 8.3 Occupied Channel Bandwidth

Measurement Uncertainty: 60.80Hz,k=1.96

### 8.4 Band Edges Compliance

Measurement Uncertainty : 0.62dB,k=1.96

### 8.5 Spurious Emissions

#### Conducted (k=1.96)

| Frequency Range                            | Uncertainty(dB) |
|--------------------------------------------|-----------------|
| $30\text{MHz} \leq f \leq 2\text{GHz}$     | 1.22            |
| $2\text{GHz} \leq f \leq 3.6\text{GHz}$    | 1.22            |
| $3.6\text{GHz} \leq f \leq 8\text{GHz}$    | 1.22            |
| $8\text{GHz} \leq f \leq 12.75\text{GHz}$  | 1.51            |
| $12.75\text{GHz} \leq f \leq 26\text{GHz}$ | 1.51            |
| $26\text{GHz} \leq f \leq 40\text{GHz}$    | 1.59            |

#### Radiated (k=2)

| Frequency Range                         | Uncertainty(dB) |
|-----------------------------------------|-----------------|
| 9kHz-30MHz                              | /               |
| $30\text{MHz} \leq f \leq 1\text{GHz}$  | 5.84            |
| $1\text{GHz} \leq f \leq 18\text{GHz}$  | 5.82            |
| $18\text{GHz} \leq f \leq 40\text{GHz}$ | 3.78            |

### 8.6. AC Power-line Conducted Emission

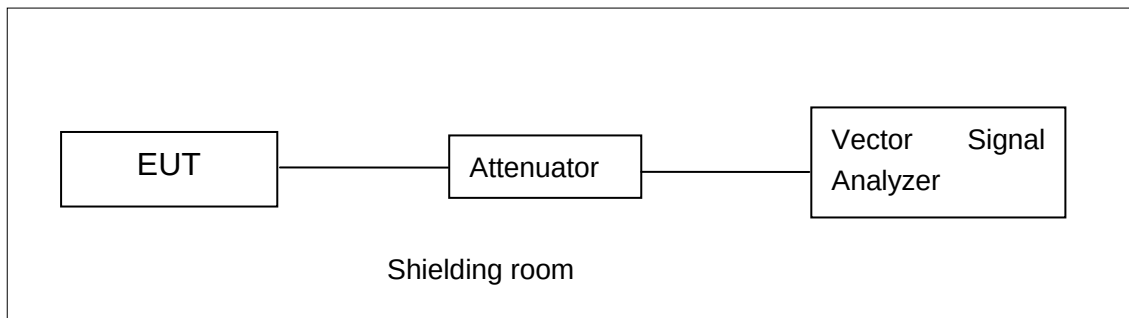
Measurement Uncertainty : 3.10,k=2

## ANNEX A: MEASUREMENT RESULTS

### A.1. Measurement Method

#### A.1.1. Conducted Measurements

- 1). Connect the EUT to the test system correctly.
- 2). Set the EUT to the required work mode.
- 3). Set the EUT to the required channel.
- 4). Set the spectrum analyzer to start measurement.
- 5). Record the values. Vector Signal Analyzer

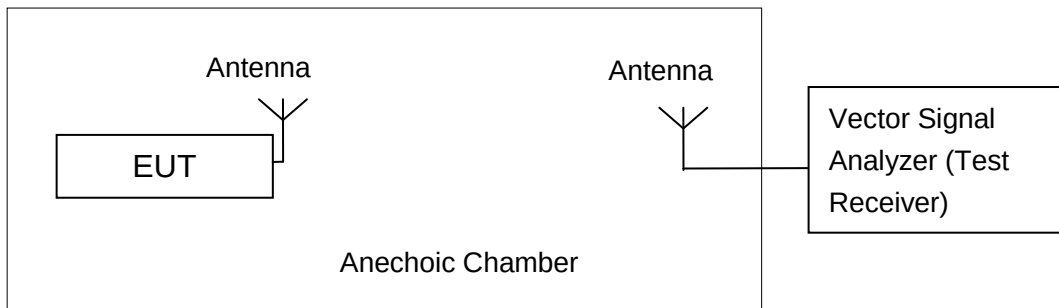


#### A.1.2. Radiated Emission Measurements

In the case of radiated emission, the used settings are as follows,

Sweep frequency from 30 MHz to 1GHz, RBW = 100 kHz, VBW = 300 kHz;

Sweep frequency from 1 GHz to 26GHz, RBW = 1MHz, VBW = 10Hz;



The measurement is made according to KDB 789033

The radiated emission test is performed in semi-anechoic chamber. The distance from the EUT to the reference point of measurement antenna is 3m. The test is carried out on both vertical and horizontal polarization and only maximization result of both polarizations is kept. During the test, the turntable is rotated 360° and the measurement antenna is moved from 1m to 4m to get the maximization result.

## A.2. Maximum output Power

### Measurement Limit and Method:

| Standard               | Frequency (MHz) | Limit (dBm)        |
|------------------------|-----------------|--------------------|
| FCC CRF Part 15.407(a) | 5150MHz~5250MHz | 24dBm              |
|                        | 5250MHz~5350MHz | 24dBm or 11+10logB |
|                        | 5470MHz~5725MHz | 24dBm or 11+10logB |

Limit use the less value, and B is the 26dB bandwidth.

The measurement method SA-2 is made according to KDB 789033

### Measurement Results:

#### SISO-core0

##### 802.11a mode

| Mode    | Rate  | Test Result (dBm) |       |       |       |       |       |       |       |       |       |
|---------|-------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|         |       | Frequency (MHz)   |       |       |       |       |       |       |       |       |       |
|         |       | 5180              | 5200  | 5240  | 5260  | 5280  | 5320  | 5500  | 5580  | 5700  | 5720  |
| 802.11a | 6Mbps | 15.13             | 15.01 | 14.91 | 14.90 | 15.48 | 14.58 | 14.05 | 13.40 | 13.38 | 12.67 |

The data rate 6Mbps is selected as worse condition, and the following cases are performed with this condition.

##### 802.11n-HT20 mode

| Mode          | Rate | Test Result (dBm) |       |       |       |       |       |       |       |       |       |
|---------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|               |      | Frequency (MHz)   |       |       |       |       |       |       |       |       |       |
|               |      | 5180              | 5200  | 5240  | 5260  | 5280  | 5320  | 5500  | 5580  | 5700  | 5720  |
| 802.11n(HT20) | MCS0 | 15.23             | 15.13 | 14.48 | 14.56 | 15.19 | 14.27 | 13.71 | 13.06 | 13.71 | 13.46 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

##### 802.11ac-HT20 mode

| Mode            | Rate | Test Result (dBm) |       |       |       |       |       |       |       |       |       |
|-----------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 |      | Frequency (MHz)   |       |       |       |       |       |       |       |       |       |
|                 |      | 5180              | 5200  | 5240  | 5260  | 5280  | 5320  | 5500  | 5580  | 5700  | 5720  |
| 802.11ac(VHT20) | MCS0 | 15.29             | 15.19 | 14.51 | 14.69 | 15.16 | 14.30 | 13.65 | 13.04 | 13.71 | 13.50 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

##### 802.11n-HT40 mode

| Mode          | Rate | Test Result (dBm) |       |       |       |       |       |       |       |  |
|---------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|--|
|               |      | Frequency (MHz)   |       |       |       |       |       |       |       |  |
|               |      | 5190              | 5230  | 5270  | 5310  | 5510  | 5550  | 5670  | 5710  |  |
| 802.11n(HT40) | MCS0 | 16.24             | 15.70 | 15.84 | 15.59 | 14.42 | 14.34 | 15.26 | 14.82 |  |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11ac-HT40 mode

| Mode            | Rate | Test Result (dBm) |       |       |       |       |       |       |       |
|-----------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|
|                 |      | Frequency (MHz)   |       |       |       |       |       |       |       |
|                 |      | 5190              | 5230  | 5270  | 5310  | 5510  | 5550  | 5670  | 5710  |
| 802.11ac(VHT40) | MCS0 | 16.23             | 15.74 | 15.89 | 15.57 | 14.43 | 14.32 | 15.26 | 14.84 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11ac-HT80 mode

| Mode            | Rate | Test Result (dBm) |       |       |       |       |
|-----------------|------|-------------------|-------|-------|-------|-------|
|                 |      | Frequency (MHz)   |       |       |       |       |
|                 |      | 5210              | 5290  | 5530  | 5610  | 5690  |
| 802.11ac(VHT80) | MCS0 | 14.30             | 14.29 | 12.67 | 13.19 | 12.93 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11ac-HT160 mode

| Mode            | Data Rate (Mbps) | Test Result (dBm) |       |
|-----------------|------------------|-------------------|-------|
|                 |                  | Frequency (MHz)   |       |
|                 |                  | 5250              | 5570  |
| 802.11ac-VHT160 | MCS0             | 14.38             | 12.29 |

### 802.11ax-HE20 mode

| Mode           | Rate | Test Result (dBm) |       |       |       |       |       |       |       |       |       |
|----------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                |      | Frequency (MHz)   |       |       |       |       |       |       |       |       |       |
|                |      | 5180              | 5200  | 5240  | 5260  | 5280  | 5320  | 5500  | 5580  | 5700  | 5720  |
| 802.11ax(HE20) | MCS0 | 15.53             | 15.42 | 14.78 | 14.91 | 15.47 | 14.57 | 13.93 | 13.33 | 13.92 | 13.71 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11ax-HE40 mode

| Mode           | Rate | Test Result (dBm) |       |       |       |       |       |       |       |
|----------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|
|                |      | Frequency (MHz)   |       |       |       |       |       |       |       |
|                |      | 5190              | 5230  | 5270  | 5310  | 5510  | 5550  | 5670  | 5710  |
| 802.11ax(HE40) | MCS0 | 15.97             | 15.39 | 15.56 | 15.29 | 14.13 | 14.03 | 14.99 | 14.50 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11ax-HE80 mode

| Mode           | Rate | Test Result (dBm) |       |       |       |       |
|----------------|------|-------------------|-------|-------|-------|-------|
|                |      | Frequency (MHz)   |       |       |       |       |
|                |      | 5210              | 5290  | 5530  | 5610  | 5690  |
| 802.11ax(HE80) | MCS0 | 15.30             | 15.17 | 13.74 | 14.09 | 14.02 |



The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

#### 802.11ax-HT160 mode

| Mode           | Data Rate (Mbps) | Test Result (dBm) |       |
|----------------|------------------|-------------------|-------|
|                |                  | Frequency (MHz)   |       |
|                |                  | 5250              | 5570  |
| 802.11ax-HE160 | MCS0             | 14.97             | 13.00 |

#### 802.11ax-HE20 mode

| Mode                        | Data Rate (Mbps) | Test Result (dBm) |       |       |       |       |       |       |       |       |       |
|-----------------------------|------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                             |                  | Frequency (MHz)   |       |       |       |       |       |       |       |       |       |
|                             |                  | 5180              | 5200  | 5240  | 5260  | 5280  | 5320  | 5500  | 5580  | 5700  | 5720  |
| 802.11ax-HE20 (RU26-left)   | MCS0             | 8.27              | 7.91  | 7.53  | 7.22  | 7.97  | 7.25  | 6.70  | 6.27  | 6.12  | 5.84  |
| 802.11ax-HE20 (RU26-right)  | MCS0             | 7.95              | 8.14  | 7.28  | 7.83  | 8.21  | 7.44  | 6.17  | 6.23  | 6.28  | 6.02  |
| 802.11ax-HE20 (RU52-left)   | MCS0             | 10.52             | 10.22 | 9.77  | 9.59  | 10.21 | 9.39  | 9.46  | 8.77  | 8.17  | 7.81  |
| 802.11ax-HE20 (RU52-right)  | MCS0             | 10.29             | 10.50 | 9.43  | 10.18 | 10.48 | 9.56  | 8.65  | 8.50  | 8.35  | 7.93  |
| 802.11ax-HE20 (RU106-left)  | MCS0             | 13.61             | 13.42 | 12.86 | 12.70 | 13.36 | 12.42 | 12.01 | 11.16 | 11.24 | 11.01 |
| 802.11ax-HE20 (RU106-right) | MCS0             | 13.51             | 13.60 | 12.63 | 13.18 | 13.56 | 12.61 | 11.71 | 11.29 | 11.38 | 11.13 |
| 802.11ax-HE20 (RU242)       | MCS0             | 13.44             | 13.47 | 12.65 | 12.87 | 13.38 | 12.36 | 11.80 | 11.17 | 11.25 | 11.02 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

#### 802.11ax-HE40 mode

| Mode                       | Data Rate (Mbps) | Test Result (dBm) |       |       |       |       |       |       |       |
|----------------------------|------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|
|                            |                  | Frequency (MHz)   |       |       |       |       |       |       |       |
|                            |                  | 5190              | 5230  | 5270  | 5310  | 5510  | 5550  | 5670  | 5710  |
| 802.11ax-HE40 (RU26-left)  | MCS0             | 8.19              | 7.67  | 7.02  | 7.73  | 6.51  | 5.74  | 6.31  | 5.94  |
| 802.11ax-HE40 (RU26-right) | MCS0             | 8.20              | 7.21  | 8.25  | 7.76  | 5.97  | 6.24  | 6.91  | 6.39  |
| 802.11ax-HE40 (RU52-left)  | MCS0             | 11.11             | 10.47 | 9.82  | 10.39 | 9.21  | 8.51  | 9.06  | 8.28  |
| 802.11ax-HE40 (RU52-right) | MCS0             | 11.12             | 10.04 | 11.05 | 10.44 | 8.62  | 8.88  | 9.61  | 8.67  |
| 802.11ax-HE40              | MCS0             | 14.13             | 13.57 | 13.00 | 13.51 | 12.46 | 11.98 | 12.38 | 11.60 |

|                                |      |       |       |       |       |       |       |       |       |
|--------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| (RU106-left)                   |      |       |       |       |       |       |       |       |       |
| 802.11ax-HE40<br>(RU106-right) | MCS0 | 14.14 | 13.12 | 14.04 | 13.45 | 11.90 | 12.33 | 12.86 | 11.95 |
| 802.11ax-HE40<br>(RU242-left)  | MCS0 | 13.80 | 13.32 | 13.09 | 13.23 | 12.15 | 11.94 | 12.27 | 11.38 |
| 802.11ax-HE40<br>(RU242-right) | MCS0 | 13.91 | 13.03 | 13.81 | 13.18 | 11.79 | 12.15 | 12.61 | 11.73 |
| 802.11ax-HE40<br>(RU484)       | MCS0 | 13.86 | 13.14 | 13.44 | 13.21 | 11.95 | 12.00 | 12.38 | 11.50 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

#### 802.11ax-HE80 mode

| Mode                           | Data Rate (Mbps) | Test Result (dBm) |       |       |       |       |
|--------------------------------|------------------|-------------------|-------|-------|-------|-------|
|                                |                  | Frequency (MHz)   |       |       |       |       |
|                                |                  | 5210              | 5290  | 5530  | 5610  | 5690  |
| 802.11ax-HE80<br>(RU26-left)   | MCS0             | 8.05              | 7.00  | 6.75  | 6.20  | 5.82  |
| 802.11ax-HE80<br>(RU26-right)  | MCS0             | 7.66              | 8.29  | 6.51  | 7.35  | 6.75  |
| 802.11ax-HE80<br>(RU52-left)   | MCS0             | 10.63             | 9.45  | 9.46  | 8.66  | 8.04  |
| 802.11ax-HE80<br>(RU52-right)  | MCS0             | 10.27             | 10.60 | 9.32  | 9.90  | 9.02  |
| 802.11ax-HE80<br>(RU106-left)  | MCS0             | 13.56             | 12.63 | 12.39 | 11.66 | 11.12 |
| 802.11ax-HE80<br>(RU106-right) | MCS0             | 13.23             | 13.64 | 12.33 | 12.94 | 12.06 |
| 802.11ax-HE80<br>(RU242-left)  | MCS0             | 13.43             | 12.81 | 12.20 | 11.74 | 11.12 |
| 802.11ax-HE80<br>(RU242-right) | MCS0             | 13.29             | 13.51 | 12.28 | 12.81 | 11.98 |
| 802.11ax-HE80<br>(RU484-left)  | MCS0             | 13.32             | 13.05 | 11.84 | 11.81 | 11.11 |
| 802.11ax-HE80<br>(RU484-right) | MCS0             | 13.49             | 13.31 | 12.18 | 12.56 | 11.60 |
| 802.11ax-HE80<br>(RU996)       | MCS0             | 13.19             | 13.09 | 11.81 | 12.05 | 11.29 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11ax-HE160 mode

| Mode                         | Data Rate (Mbps) | Test Result (dBm) |       |
|------------------------------|------------------|-------------------|-------|
|                              |                  | Frequency (MHz)   |       |
|                              |                  | 5250              | 5570  |
| 802.11ax-HE160 (RU26-left)   | MCS0             | 8.54              | 6.79  |
| 802.11ax-HE160 (RU26-right)  | MCS0             | 8.99              | 6.80  |
| 802.11ax-HE160 (RU52-left)   | MCS0             | 11.09             | 9.41  |
| 802.11ax-HE160 (RU52-right)  | MCS0             | 11.60             | 9.58  |
| 802.11ax-HE160 (RU106-left)  | MCS0             | 14.13             | 12.32 |
| 802.11ax-HE160 (RU106-right) | MCS0             | 14.59             | 12.54 |
| 802.11ax-HE160 (RU242-left)  | MCS0             | 14.02             | 12.15 |
| 802.11ax-HE160 (RU242-right) | MCS0             | 14.37             | 12.52 |
| 802.11ax-HE160 (RU484-left)  | MCS0             | 13.85             | 11.74 |
| 802.11ax-HE160 (RU484-right) | MCS0             | 14.26             | 12.37 |
| 802.11ax-HE160 (RU996-left)  | MCS0             | 13.61             | 11.53 |
| 802.11ax-HE160 (RU996-right) | MCS0             | 14.06             | 12.00 |
| 802.11ax-HE160 (RUfull)      | MCS0             | 14.01             | 11.97 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### SISO-core1

#### 802.11a mode

| Mode    | Rate  | Test Result (dBm) |       |       |       |       |       |       |       |       |       |
|---------|-------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|         |       | Frequency (MHz)   |       |       |       |       |       |       |       |       |       |
|         |       | 5180              | 5200  | 5240  | 5260  | 5280  | 5320  | 5500  | 5580  | 5700  | 5720  |
| 802.11a | 6Mbps | 13.73             | 13.81 | 14.19 | 13.91 | 14.10 | 14.52 | 13.79 | 14.77 | 16.47 | 15.43 |

The data rate 6Mbps is selected as worse condition, and the following cases are performed with this condition.

#### 802.11n-HT20 mode

| Mode          | Rate | Test Result (dBm) |       |       |       |       |       |       |       |       |       |
|---------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|               |      | Frequency (MHz)   |       |       |       |       |       |       |       |       |       |
|               |      | 5180              | 5200  | 5240  | 5260  | 5280  | 5320  | 5500  | 5580  | 5700  | 5720  |
| 802.11n(HT20) | MCS0 | 13.89             | 13.92 | 13.87 | 13.60 | 13.78 | 14.18 | 13.44 | 14.35 | 16.13 | 16.22 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

#### 802.11ac-HT20 mode

| Mode            | Rate | Test Result (dBm) |       |       |       |       |       |       |       |       |       |
|-----------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 |      | Frequency (MHz)   |       |       |       |       |       |       |       |       |       |
|                 |      | 5180              | 5200  | 5240  | 5260  | 5280  | 5320  | 5500  | 5580  | 5700  | 5720  |
| 802.11ac(VHT20) | MCS0 | 13.78             | 13.87 | 13.82 | 13.50 | 13.68 | 14.11 | 13.34 | 14.28 | 16.02 | 16.15 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

#### 802.11n-HT40 mode

| Mode          | Rate | Test Result (dBm) |       |       |       |       |       |       |       |  |
|---------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|--|
|               |      | Frequency (MHz)   |       |       |       |       |       |       |       |  |
|               |      | 5190              | 5230  | 5270  | 5310  | 5510  | 5550  | 5670  | 5710  |  |
| 802.11n(HT40) | MCS0 | 14.88             | 14.67 | 14.50 | 14.93 | 14.44 | 14.51 | 16.50 | 16.92 |  |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

#### 802.11ac-HT40 mode

| Mode            | Rate | Test Result (dBm) |       |       |       |       |       |       |       |  |
|-----------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|--|
|                 |      | Frequency (MHz)   |       |       |       |       |       |       |       |  |
|                 |      | 5190              | 5230  | 5270  | 5310  | 5510  | 5550  | 5670  | 5710  |  |
| 802.11ac(VHT40) | MCS0 | 14.74             | 14.52 | 14.41 | 14.84 | 14.25 | 14.41 | 16.40 | 16.82 |  |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11ac-HT80 mode

| Mode            | Rate | Test Result (dBm) |       |       |       |       |
|-----------------|------|-------------------|-------|-------|-------|-------|
|                 |      | Frequency (MHz)   |       |       |       |       |
|                 |      | 5210              | 5290  | 5530  | 5610  | 5690  |
| 802.11ac(VHT80) | MCS0 | 12.81             | 12.83 | 12.84 | 14.04 | 14.92 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11ac-HT160 mode

| Mode           | Data Rate (Mbps) | Test Result (dBm) |       |
|----------------|------------------|-------------------|-------|
|                |                  | Frequency (MHz)   |       |
|                |                  | 5250              | 5570  |
| 802.11acVHT160 | MCS0             | 12.48             | 12.59 |

### 802.11ax-HE20 mode

| Mode           | Rate | Test Result (dBm) |       |       |       |       |       |       |       |       |       |
|----------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                |      | Frequency (MHz)   |       |       |       |       |       |       |       |       |       |
|                |      | 5180              | 5200  | 5240  | 5260  | 5280  | 5320  | 5500  | 5580  | 5700  | 5720  |
| 802.11ax(HE20) | MCS0 | 14.14             | 14.22 | 14.08 | 13.86 | 14.02 | 14.41 | 13.71 | 14.67 | 16.31 | 16.46 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11ax-HE40 mode

| Mode           | Rate | Test Result (dBm) |       |       |       |       |       |       |       |
|----------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|
|                |      | Frequency (MHz)   |       |       |       |       |       |       |       |
|                |      | 5190              | 5230  | 5270  | 5310  | 5510  | 5550  | 5670  | 5710  |
| 802.11ax(HE40) | MCS0 | 14.62             | 14.35 | 14.21 | 14.63 | 14.20 | 14.28 | 16.24 | 16.58 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11ax-HE80 mode

| Mode           | Rate | Test Result (dBm) |       |       |       |       |
|----------------|------|-------------------|-------|-------|-------|-------|
|                |      | Frequency (MHz)   |       |       |       |       |
|                |      | 5210              | 5290  | 5530  | 5610  | 5690  |
| 802.11ax(HE80) | MCS0 | 13.88             | 13.86 | 13.66 | 15.01 | 15.87 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11ac-HT160 mode

| Mode | Data Rate (Mbps) | Test Result (dBm) |      |
|------|------------------|-------------------|------|
|      |                  | Frequency (MHz)   |      |
|      |                  | 5250              | 5570 |

|                |      |       |       |
|----------------|------|-------|-------|
| 802.11ax-HE160 | MCS0 | 12.94 | 13.26 |
|----------------|------|-------|-------|

#### 802.11ax-HE20 mode

| Mode                        | Data Rate (Mbps) | Test Result (dBm) |       |       |       |       |       |       |       |       |       |
|-----------------------------|------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                             |                  | Frequency (MHz)   |       |       |       |       |       |       |       |       |       |
|                             |                  | 5180              | 5200  | 5240  | 5260  | 5280  | 5320  | 5500  | 5580  | 5700  | 5720  |
| 802.11ax-HE20 (RU26-left)   | MCS0             | 6.52              | 6.63  | 6.18  | 6.16  | 6.24  | 6.62  | 6.79  | 7.38  | 7.63  | 7.86  |
| 802.11ax-HE20 (RU26-right)  | MCS0             | 6.72              | 6.54  | 6.59  | 6.44  | 6.69  | 6.69  | 6.71  | 7.84  | 7.73  | 8.02  |
| 802.11ax-HE20 (RU52-left)   | MCS0             | 8.95              | 9.06  | 8.75  | 8.61  | 8.70  | 9.00  | 8.65  | 9.24  | 10.67 | 10.62 |
| 802.11ax-HE20 (RU52-right)  | MCS0             | 9.15              | 9.03  | 9.02  | 8.83  | 9.14  | 9.07  | 8.58  | 9.65  | 10.70 | 10.76 |
| 802.11ax-HE20 (RU106-left)  | MCS0             | 12.02             | 12.10 | 11.90 | 11.66 | 11.82 | 12.21 | 11.78 | 12.63 | 13.76 | 13.87 |
| 802.11ax-HE20 (RU106-right) | MCS0             | 12.18             | 12.04 | 12.19 | 11.83 | 12.14 | 12.26 | 11.75 | 12.90 | 13.79 | 13.91 |
| 802.11ax-HE20 (RU242)       | MCS0             | 12.00             | 12.02 | 12.04 | 11.67 | 11.90 | 12.17 | 11.66 | 12.64 | 13.66 | 13.77 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

#### 802.11ax-HE40 mode

| Mode                        | Data Rate (Mbps) | Test Result (dBm) |       |       |       |       |       |       |       |
|-----------------------------|------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|
|                             |                  | Frequency (MHz)   |       |       |       |       |       |       |       |
|                             |                  | 5190              | 5230  | 5270  | 5310  | 5510  | 5550  | 5670  | 5710  |
| 802.11ax-HE40 (RU26-left)   | MCS0             | 6.26              | 5.88  | 5.84  | 6.04  | 6.70  | 6.61  | 7.85  | 7.45  |
| 802.11ax-HE40 (RU26-right)  | MCS0             | 6.51              | 6.57  | 6.64  | 6.45  | 6.69  | 6.80  | 8.08  | 7.70  |
| 802.11ax-HE40 (RU52-left)   | MCS0             | 9.05              | 8.63  | 8.54  | 9.01  | 8.73  | 8.82  | 9.97  | 10.76 |
| 802.11ax-HE40 (RU52-right)  | MCS0             | 9.25              | 9.26  | 9.36  | 9.38  | 8.84  | 9.04  | 10.25 | 10.98 |
| 802.11ax-HE40 (RU106-left)  | MCS0             | 12.37             | 12.06 | 11.88 | 12.39 | 12.28 | 12.19 | 13.72 | 14.28 |
| 802.11ax-HE40 (RU106-right) | MCS0             | 12.60             | 12.63 | 12.55 | 12.65 | 12.32 | 12.50 | 13.85 | 14.34 |
| 802.11ax-HE40 (RU242-left)  | MCS0             | 12.26             | 11.92 | 11.81 | 12.30 | 12.05 | 12.06 | 13.55 | 14.09 |
| 802.11ax-HE40 (RU242-right) | MCS0             | 12.47             | 12.36 | 12.23 | 12.48 | 12.15 | 12.19 | 13.66 | 14.16 |

|                          |      |       |       |       |       |       |       |       |       |
|--------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 802.11ax-HE40<br>(RU484) | MCS0 | 12.33 | 12.06 | 12.00 | 12.36 | 12.01 | 12.05 | 13.48 | 14.03 |
|--------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

#### 802.11ax-HE80 mode

| Mode                           | Data Rate<br>(Mbps) | Test Result (dBm) |       |       |       |       |
|--------------------------------|---------------------|-------------------|-------|-------|-------|-------|
|                                |                     | Frequency (MHz)   |       |       |       |       |
|                                |                     | 5210              | 5290  | 5530  | 5610  | 5690  |
| 802.11ax-HE80<br>(RU26-left)   | MCS0                | 5.89              | 5.27  | 6.83  | 7.31  | 7.31  |
| 802.11ax-HE80<br>(RU26-right)  | MCS0                | 6.80              | 6.67  | 6.87  | 8.49  | 7.80  |
| 802.11ax-HE80<br>(RU52-left)   | MCS0                | 8.54              | 8.17  | 8.73  | 9.31  | 10.52 |
| 802.11ax-HE80<br>(RU52-right)  | MCS0                | 9.46              | 9.56  | 8.95  | 10.50 | 10.96 |
| 802.11ax-HE80<br>(RU106-left)  | MCS0                | 11.86             | 11.34 | 12.05 | 12.79 | 13.80 |
| 802.11ax-HE80<br>(RU106-right) | MCS0                | 12.61             | 12.67 | 12.29 | 13.83 | 14.08 |
| 802.11ax-HE80<br>(RU242-left)  | MCS0                | 11.86             | 11.37 | 11.95 | 12.81 | 13.69 |
| 802.11ax-HE80<br>(RU242-right) | MCS0                | 12.39             | 12.58 | 12.09 | 13.71 | 13.96 |
| 802.11ax-HE80<br>(RU484-left)  | MCS0                | 11.83             | 11.48 | 11.86 | 12.80 | 13.78 |
| 802.11ax-HE80<br>(RU484-right) | MCS0                | 12.44             | 12.39 | 12.09 | 13.48 | 13.76 |
| 802.11ax-HE80<br>(RU996)       | MCS0                | 11.85             | 11.87 | 11.76 | 12.98 | 13.49 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

#### 802.11ax-HE160 mode

| Mode                           | Data Rate<br>(Mbps) | Test Result (dBm) |      |
|--------------------------------|---------------------|-------------------|------|
|                                |                     | Frequency (MHz)   |      |
|                                |                     | 5250              | 5570 |
| 802.11ax-HE160<br>(RU26-left)  | MCS0                | 5.44              | 7.02 |
| 802.11ax-HE160<br>(RU26-right) | MCS0                | 7.22              | 7.64 |

|                                 |      |       |       |
|---------------------------------|------|-------|-------|
| 802.11ax-HE160<br>(RU52-left)   | MCS0 | 8.15  | 8.97  |
| 802.11ax-HE160<br>(RU52-right)  | MCS0 | 10.07 | 9.72  |
| 802.11ax-HE160<br>(RU106-left)  | MCS0 | 11.36 | 12.16 |
| 802.11ax-HE160<br>(RU106-right) | MCS0 | 13.16 | 12.92 |
| 802.11ax-HE160<br>(RU242-left)  | MCS0 | 11.41 | 12.07 |
| 802.11ax-HE160<br>(RU242-right) | MCS0 | 13.10 | 12.95 |
| 802.11ax-HE160<br>(RU484-left)  | MCS0 | 11.35 | 11.89 |
| 802.11ax-HE160<br>(RU484-right) | MCS0 | 12.89 | 12.73 |
| 802.11ax-HE160<br>(RU996-left)  | MCS0 | 11.24 | 11.66 |
| 802.11ax-HE160<br>(RU996-right) | MCS0 | 12.44 | 12.45 |
| 802.11ax-HE160<br>(RUfull)      | MCS0 | 12.11 | 12.23 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

Note: The maximum power points for each mode of modulation are as follows:

The largest point of 802.11a/n20/n40/ac/20/ac40/ac80/ax20/ax40/ax80 is core1; 802.11ac160/ax160 is core0.

The largest point of 11ax20-RU26-left/right; 11ax40-RU26/52-left/right; 11ax80-RU26/52-left; 11ax160-RU26/52/106-left/right are core0; The largest point of 11ax20-RU52/106-left/right; 11ax40-RU106-left/right; 11ax80-RU26/52-right; 11ax80-RU106-left/right are core1.

## MIMO

### 802.11a mode

| Mode    | Rate  | Test Result (dBm) |       |       |       |       |       |       |       |       |       |
|---------|-------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|         |       | Frequency (MHz)   |       |       |       |       |       |       |       |       |       |
|         |       | 5180              | 5200  | 5240  | 5260  | 5280  | 5320  | 5500  | 5580  | 5700  | 5720  |
| 802.11a | 6Mbps | 17.29             | 17.26 | 17.32 | 17.22 | 17.62 | 17.25 | 16.57 | 17.22 | 17.84 | 17.04 |

The data rate 6Mbps is selected as worse condition, and the following cases are performed with this condition.



### 802.11n-HT20 mode

| Mode          | Rate | Test Result (dBm) |       |       |       |       |       |       |       |       |       |
|---------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|               |      | Frequency (MHz)   |       |       |       |       |       |       |       |       |       |
|               |      | 5180              | 5200  | 5240  | 5260  | 5280  | 5320  | 5500  | 5580  | 5700  | 5720  |
| 802.11n(HT20) | MCS0 | 17.42             | 17.37 | 16.91 | 16.87 | 17.27 | 16.97 | 16.22 | 17.13 | 17.75 | 17.74 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11ac-HT20 mode

| Mode            | Rate | Test Result (dBm) |       |       |       |       |       |       |       |       |       |
|-----------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 |      | Frequency (MHz)   |       |       |       |       |       |       |       |       |       |
|                 |      | 5180              | 5200  | 5240  | 5260  | 5280  | 5320  | 5500  | 5580  | 5700  | 5720  |
| 802.11acV(HT20) | MCS0 | 17.40             | 17.25 | 16.81 | 16.94 | 17.28 | 16.70 | 16.23 | 16.55 | 17.76 | 17.74 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11n-HT40 mode

| Mode          | Rate | Test Result (dBm) |       |       |       |       |       |       |       |
|---------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|
|               |      | Frequency (MHz)   |       |       |       |       |       |       |       |
|               |      | 5190              | 5230  | 5270  | 5310  | 5510  | 5550  | 5670  | 5710  |
| 802.11n(HT40) | MCS0 | 18.29             | 17.75 | 17.80 | 17.90 | 17.35 | 17.37 | 18.59 | 18.52 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11ac-HT40 mode

| Mode            | Rate | Test Result (dBm) |       |       |       |       |       |       |       |
|-----------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|
|                 |      | Frequency (MHz)   |       |       |       |       |       |       |       |
|                 |      | 5190              | 5230  | 5270  | 5310  | 5510  | 5550  | 5670  | 5710  |
| 802.11ac(VHT40) | MCS0 | 18.29             | 17.95 | 17.82 | 18.08 | 17.60 | 17.59 | 17.82 | 18.60 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11ac-HT80 mode

| Mode            | Rate | Test Result (dBm) |       |       |       |       |
|-----------------|------|-------------------|-------|-------|-------|-------|
|                 |      | Frequency (MHz)   |       |       |       |       |
|                 |      | 5210              | 5290  | 5530  | 5610  | 5690  |
| 802.11ac(VHT80) | MCS0 | 16.40             | 16.25 | 15.48 | 16.50 | 16.83 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

**802.11ac-HT160 mode**

| Mode            | Data Rate (Mbps) | Test Result (dBm) |       |
|-----------------|------------------|-------------------|-------|
|                 |                  | Frequency (MHz)   |       |
|                 |                  | 5250              | 5570  |
| 802.11ac-VHT160 | MCS0             | 16.25             | 15.41 |

**802.11ax-HE20 mode**

| Mode           | Rate | Test Result (dBm) |       |       |       |       |       |       |       |       |       |
|----------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                |      | Frequency (MHz)   |       |       |       |       |       |       |       |       |       |
|                |      | 5180              | 5200  | 5240  | 5260  | 5280  | 5320  | 5500  | 5580  | 5700  | 5720  |
| 802.11ax(HE20) | MCS0 | 17.66             | 17.47 | 17.04 | 17.16 | 17.53 | 17.19 | 16.41 | 16.89 | 17.96 | 17.95 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

**802.11ax-HE40 mode**

| Mode           | Rate | Test Result (dBm) |       |       |       |       |       |       |       |
|----------------|------|-------------------|-------|-------|-------|-------|-------|-------|-------|
|                |      | Frequency (MHz)   |       |       |       |       |       |       |       |
|                |      | 5190              | 5230  | 5270  | 5310  | 5510  | 5550  | 5670  | 5710  |
| 802.11ax(HE40) | MCS0 | 17.90             | 17.44 | 17.60 | 17.53 | 16.83 | 16.91 | 18.41 | 18.30 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

**802.11ax-HE80 mode**

| Mode           | Rate | Test Result (dBm) |       |       |       |       |
|----------------|------|-------------------|-------|-------|-------|-------|
|                |      | Frequency (MHz)   |       |       |       |       |
|                |      | 5210              | 5290  | 5530  | 5610  | 5690  |
| 802.11ax(HE80) | MCS0 | 17.33             | 17.28 | 16.59 | 17.61 | 17.82 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

**802.11ac-HT160 mode**

| Mode           | Data Rate (Mbps) | Test Result (dBm) |       |
|----------------|------------------|-------------------|-------|
|                |                  | Frequency (MHz)   |       |
|                |                  | 5250              | 5570  |
| 802.11ax-HE160 | MCS0             | 16.94             | 15.97 |

**802.11ax-HE20 mode**

| Mode                      | Data Rate (Mbps) | Test Result (dBm) |       |      |      |       |       |      |      |       |       |
|---------------------------|------------------|-------------------|-------|------|------|-------|-------|------|------|-------|-------|
|                           |                  | Frequency (MHz)   |       |      |      |       |       |      |      |       |       |
|                           |                  | 5180              | 5200  | 5240 | 5260 | 5280  | 5320  | 5500 | 5580 | 5700  | 5720  |
| 802.11ax-HE20 (RU26-left) | MCS0             | 10.51             | 10.37 | 9.96 | 9.74 | 10.21 | 10.00 | 9.74 | 9.84 | 10.04 | 10.08 |

|                             |      |       |       |       |       |       |       |       |       |       |       |
|-----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 802.11ax-HE20 (RU26-right)  | MCS0 | 10.43 | 10.44 | 9.87  | 10.19 | 10.45 | 9.94  | 9.11  | 9.74  | 9.50  | 9.55  |
| 802.11ax-HE20 (RU52-left)   | MCS0 | 12.71 | 12.60 | 12.19 | 12.04 | 12.52 | 12.22 | 12.02 | 11.94 | 12.75 | 12.66 |
| 802.11ax-HE20 (RU52-right)  | MCS0 | 12.64 | 12.69 | 12.15 | 12.42 | 12.65 | 12.15 | 11.34 | 11.84 | 12.33 | 12.22 |
| 802.11ax-HE20 (RU106-left)  | MCS0 | 15.62 | 15.59 | 15.17 | 14.99 | 15.44 | 15.12 | 14.73 | 14.84 | 15.55 | 15.59 |
| 802.11ax-HE20 (RU106-right) | MCS0 | 15.58 | 15.64 | 15.17 | 15.32 | 15.69 | 15.21 | 14.52 | 15.00 | 15.55 | 15.59 |
| 802.11ax-HE20 (RU242)       | MCS0 | 15.54 | 15.54 | 15.11 | 15.12 | 15.53 | 15.12 | 14.55 | 14.84 | 15.43 | 15.44 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

#### 802.11ax-HE40 mode

| Mode                        | Data Rate (Mbps) | Test Result (dBm) |       |       |       |       |       |       |       |
|-----------------------------|------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|
|                             |                  | Frequency (MHz)   |       |       |       |       |       |       |       |
|                             |                  | 5190              | 5230  | 5270  | 5310  | 5510  | 5550  | 5670  | 5710  |
| 802.11ax-HE40 (RU26-left)   | MCS0             | 10.36             | 9.91  | 9.51  | 10.17 | 9.69  | 9.28  | 10.34 | 10.02 |
| 802.11ax-HE40 (RU26-right)  | MCS0             | 10.36             | 9.84  | 10.45 | 10.06 | 8.93  | 9.15  | 10.03 | 9.57  |
| 802.11ax-HE40 (RU52-left)   | MCS0             | 13.03             | 12.52 | 12.14 | 12.74 | 12.21 | 11.81 | 12.78 | 12.87 |
| 802.11ax-HE40 (RU52-right)  | MCS0             | 13.09             | 12.41 | 13.01 | 12.65 | 11.56 | 11.71 | 12.63 | 12.44 |
| 802.11ax-HE40 (RU106-left)  | MCS0             | 16.09             | 15.60 | 15.26 | 15.78 | 15.19 | 14.98 | 15.91 | 15.83 |
| 802.11ax-HE40 (RU106-right) | MCS0             | 16.15             | 15.63 | 16.11 | 15.88 | 14.98 | 15.26 | 16.27 | 16.05 |
| 802.11ax-HE40 (RU242-left)  | MCS0             | 15.90             | 15.45 | 15.28 | 15.63 | 14.96 | 14.86 | 15.80 | 15.72 |
| 802.11ax-HE40 (RU242-right) | MCS0             | 15.97             | 15.46 | 15.86 | 15.67 | 14.82 | 14.99 | 15.98 | 15.83 |
| 802.11ax-HE40 (RU484)       | MCS0             | 15.88             | 15.39 | 15.53 | 15.62 | 14.83 | 14.87 | 15.80 | 15.71 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11ax-HE80 mode

| Mode                        | Data Rate (Mbps) | Test Result (dBm) |       |       |       |       |
|-----------------------------|------------------|-------------------|-------|-------|-------|-------|
|                             |                  | Frequency (MHz)   |       |       |       |       |
|                             |                  | 5210              | 5290  | 5530  | 5610  | 5690  |
| 802.11ax-HE80 (RU26-left)   | MCS0             | 10.12             | 9.29  | 9.89  | 9.91  | 9.79  |
| 802.11ax-HE80 (RU26-right)  | MCS0             | 9.86              | 10.17 | 9.17  | 10.45 | 9.79  |
| 802.11ax-HE80 (RU52-left)   | MCS0             | 12.72             | 11.87 | 12.42 | 12.24 | 12.73 |
| 802.11ax-HE80 (RU52-right)  | MCS0             | 12.44             | 12.79 | 11.94 | 12.92 | 12.99 |
| 802.11ax-HE80 (RU106-left)  | MCS0             | 15.56             | 14.81 | 15.10 | 15.15 | 15.49 |
| 802.11ax-HE80 (RU106-right) | MCS0             | 15.65             | 15.93 | 15.13 | 16.28 | 16.09 |
| 802.11ax-HE80 (RU242-left)  | MCS0             | 15.48             | 14.98 | 14.92 | 15.16 | 15.43 |
| 802.11ax-HE80 (RU242-right) | MCS0             | 15.58             | 15.84 | 15.00 | 16.12 | 15.92 |
| 802.11ax-HE80 (RU484-left)  | MCS0             | 15.40             | 15.14 | 14.69 | 15.19 | 15.34 |
| 802.11ax-HE80 (RU484-right) | MCS0             | 15.99             | 15.10 | 15.57 | 15.54 | 15.65 |
| 802.11ax-HE80 (RU996)       | MCS0             | 15.31             | 15.31 | 14.58 | 15.37 | 15.36 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

### 802.11ax-HE160 mode

| Mode                         | Data Rate (Mbps) | Test Result (dBm) |       |
|------------------------------|------------------|-------------------|-------|
|                              |                  | Frequency (MHz)   |       |
|                              |                  | 5250              | 5570  |
| 802.11ax-HE160 (RU26-left)   | MCS0             | 9.98              | 9.86  |
| 802.11ax-HE160 (RU26-right)  | MCS0             | 10.96             | 10.00 |
| 802.11ax-HE160 (RU52-left)   | MCS0             | 12.61             | 12.19 |
| 802.11ax-HE160 (RU52-right)  | MCS0             | 13.79             | 12.70 |
| 802.11ax-HE160 (RU106-left)  | MCS0             | 15.79             | 15.17 |
| 802.11ax-HE160 (RU106-right) | MCS0             | 16.68             | 15.60 |
| 802.11ax-HE160 (RU242-left)  | MCS0             | 15.75             | 15.05 |
| 802.11ax-HE160 (RU242-right) | MCS0             | 15.72             | 14.77 |
| 802.11ax-HE160 (RU484-left)  | MCS0             | 15.64             | 14.77 |
| 802.11ax-HE160 (RU484-right) | MCS0             | 15.78             | 15.46 |
| 802.11ax-HE160 (RU996-left)  | MCS0             | 15.43             | 14.53 |
| 802.11ax-HE160 (RU996-right) | MCS0             | 15.81             | 15.40 |
| 802.11ax-HE160 (RUfull)      | MCS0             | 15.98             | 15.01 |

The data rate MCS0 is selected as worse condition, and the following cases are performed with this condition.

The duty cycle of all mode are greater than or equal to 98%.

**Conclusion: Pass**

### A.3. Peak Power Spectral Density (conducted)

#### Measurement Limit:

| Standard               | Frequency (MHz) | Limit (dBm/MHz) |
|------------------------|-----------------|-----------------|
| FCC CRF Part 15.407(a) | 5150MHz~5250MHz | 11              |
|                        | 5250MHz~5350MHz | 11              |
|                        | 5470MHz~5725MHz | 11              |

The output power measurement method Section F is made according to KDB 789033

#### Measurement Results:

##### SISO-core1

| Mode            | Frequency | Power Spectral Density (dBm/MHz) | Conclusion |
|-----------------|-----------|----------------------------------|------------|
| 802.11a         | 5180 MHz  | 6.05                             | P          |
|                 | 5200 MHz  | 6.22                             | P          |
|                 | 5240 MHz  | 6.64                             | P          |
|                 | 5260 MHz  | 6.28                             | P          |
|                 | 5280 MHz  | 6.53                             | P          |
|                 | 5320 MHz  | 5.86                             | P          |
|                 | 5500 MHz  | 5.43                             | P          |
|                 | 5580 MHz  | 7.06                             | P          |
|                 | 5700 MHz  | 8.43                             | P          |
|                 | 5720 MHz  | 7.54                             | P          |
| 802.11n<br>HT20 | 5180 MHz  | 5.87                             | P          |
|                 | 5200 MHz  | 6.11                             | P          |
|                 | 5240 MHz  | 6.08                             | P          |
|                 | 5260 MHz  | 5.68                             | P          |
|                 | 5280 MHz  | 5.03                             | P          |
|                 | 5320 MHz  | 5.22                             | P          |
|                 | 5500 MHz  | 4.79                             | P          |
|                 | 5580 MHz  | 6.41                             | P          |
|                 | 5700 MHz  | 8.01                             | P          |
|                 | 5720 MHz  | 8.12                             | P          |
| 802.11n<br>HT40 | 5190 MHz  | 4.14                             | P          |
|                 | 5230 MHz  | 4.04                             | P          |
|                 | 5270 MHz  | 2.96                             | P          |
|                 | 5310 MHz  | 3.40                             | P          |
|                 | 5510 MHz  | 3.16                             | P          |
|                 | 5550 MHz  | 3.24                             | P          |
|                 | 5670 MHz  | 5.47                             | P          |
|                 | 5710 MHz  | 5.66                             | P          |

|                   |          |       |   |
|-------------------|----------|-------|---|
| 802.11ac<br>VHT80 | 5210MHz  | 1.12  | P |
|                   | 5290MHz  | 0.98  | P |
|                   | 5530MHz  | 1.04  | P |
|                   | 5610MHz  | 2.19  | P |
|                   | 5690MHz  | 3.12  | P |
| 802.11ax<br>HE20  | 5180 MHz | 4.41  | P |
|                   | 5200 MHz | 4.54  | P |
|                   | 5240 MHz | 4.58  | P |
|                   | 5260 MHz | 3.90  | P |
|                   | 5280 MHz | 3.96  | P |
|                   | 5320 MHz | 3.89  | P |
|                   | 5500 MHz | 4.06  | P |
|                   | 5580 MHz | 4.71  | P |
|                   | 5700 MHz | 5.30  | P |
|                   | 5720 MHz | 5.95  | P |
| 802.11ax<br>HE40  | 5190 MHz | 2.46  | P |
|                   | 5230 MHz | 2.29  | P |
|                   | 5270 MHz | 1.64  | P |
|                   | 5310 MHz | 1.71  | P |
|                   | 5510 MHz | 2.03  | P |
|                   | 5550 MHz | 2.01  | P |
|                   | 5670 MHz | 2.96  | P |
|                   | 5710 MHz | 3.02  | P |
| 802.11ax<br>HE80  | 5210MHz  | -0.64 | P |
|                   | 5290MHz  | -1.05 | P |
|                   | 5530MHz  | -0.64 | P |
|                   | 5610MHz  | 0.12  | P |
|                   | 5690MHz  | 0.55  | P |

#### SISO-core0

| Mode            | Frequency | Power Spectral Density<br>(dBm/MHz) | Conclusion |
|-----------------|-----------|-------------------------------------|------------|
| 802.11ac-VHT160 | 5250 MHz  | -2.19                               | P          |
|                 | 5570 MHz  | -2.26                               | P          |
| 802.11ax-HE160  | 5250 MHz  | -2.59                               | P          |
|                 | 5570 MHz  | -4.70                               | P          |

#### SISO-core0

| Mode                    | Frequency | Power Spectral Density<br>(dBm/MHz) | Conclusion |
|-------------------------|-----------|-------------------------------------|------------|
| 802.11ax-HE20-RU26-left | 5180 MHz  | 7.94                                | P          |

|                          |          |      |   |
|--------------------------|----------|------|---|
|                          | 5200 MHz | 7.83 | P |
|                          | 5240 MHz | 7.43 | P |
|                          | 5260 MHz | 7.04 | P |
|                          | 5280 MHz | 7.57 | P |
|                          | 5320 MHz | 6.72 | P |
|                          | 5500 MHz | 6.15 | P |
|                          | 5580 MHz | 5.77 | P |
|                          | 5700 MHz | 5.48 | P |
|                          | 5720 MHz | 4.98 | P |
| 802.11ax-HE20-RU26-right | 5180 MHz | 7.83 | P |
|                          | 5200 MHz | 8.16 | P |
|                          | 5240 MHz | 7.14 | P |
|                          | 5260 MHz | 7.66 | P |
|                          | 5280 MHz | 7.81 | P |
|                          | 5320 MHz | 6.84 | P |
|                          | 5500 MHz | 5.84 | P |
|                          | 5580 MHz | 5.96 | P |
|                          | 5700 MHz | 5.59 | P |
| 802.11ax-HE40-RU26-left  | 5720 MHz | 5.21 | P |
|                          | 5190 MHz | 8.21 | P |
|                          | 5230 MHz | 7.82 | P |
|                          | 5270 MHz | 7.12 | P |
|                          | 5310 MHz | 7.41 | P |
|                          | 5510 MHz | 6.16 | P |
|                          | 5550 MHz | 5.73 | P |
|                          | 5670 MHz | 6.19 | P |
|                          | 5710 MHz | 5.38 | P |
| 802.11ax-HE40-RU26-right | 5190 MHz | 8.45 | P |
|                          | 5230 MHz | 7.35 | P |
|                          | 5270 MHz | 8.07 | P |
|                          | 5310 MHz | 7.32 | P |
|                          | 5510 MHz | 5.66 | P |
|                          | 5550 MHz | 6.11 | P |
|                          | 5670 MHz | 6.74 | P |
|                          | 5710 MHz | 5.79 | P |
| 802.11ax-HE40-RU52-left  | 5190 MHz | 7.93 | P |
|                          | 5230 MHz | 7.58 | P |
|                          | 5270 MHz | 6.88 | P |
|                          | 5310 MHz | 7.25 | P |
|                          | 5510 MHz | 6.34 | P |
|                          | 5550 MHz | 5.85 | P |
|                          | 5670 MHz | 6.09 | P |



|                            |          |      |   |
|----------------------------|----------|------|---|
|                            | 5710 MHz | 5.28 | P |
| 802.11ax-HE40-RU52-right   | 5190 MHz | 8.22 | P |
|                            | 5230 MHz | 7.10 | P |
|                            | 5270 MHz | 7.85 | P |
|                            | 5310 MHz | 7.13 | P |
|                            | 5510 MHz | 6.08 | P |
|                            | 5550 MHz | 6.19 | P |
|                            | 5670 MHz | 6.63 | P |
|                            | 5710 MHz | 5.63 | P |
| 802.11ax-HE80-RU26-left    | 5210MHz  | 7.36 | P |
|                            | 5290MHz  | 6.39 | P |
|                            | 5530MHz  | 6.16 | P |
|                            | 5610MHz  | 5.75 | P |
|                            | 5690MHz  | 4.88 | P |
| 802.11ax-HE80-RU52-left    | 5210MHz  | 7.03 | P |
|                            | 5290MHz  | 6.17 | P |
|                            | 5530MHz  | 5.85 | P |
|                            | 5610MHz  | 5.50 | P |
|                            | 5690MHz  | 4.65 | P |
| 802.11ax-HE160-RU26-left   | 5250 MHz | 7.94 | P |
|                            | 5570 MHz | 6.19 | P |
| 802.11ax-HE160-RU26-right  | 5250 MHz | 8.31 | P |
|                            | 5570 MHz | 6.47 | P |
| 802.11ax-HE160-RU52-left   | 5250 MHz | 7.64 | P |
|                            | 5570 MHz | 5.95 | P |
| 802.11ax-HE160-RU52-right  | 5250 MHz | 7.93 | P |
|                            | 5570 MHz | 6.28 | P |
| 802.11ax-HE160-RU106-left  | 5250 MHz | 7.56 | P |
|                            | 5570 MHz | 5.77 | P |
| 802.11ax-HE160-RU106-right | 5250 MHz | 7.85 | P |
|                            | 5570 MHz | 6.13 | P |

#### SISO-core1

| Mode                    | Frequency | Power Spectral Density (dBm/MHz) | Conclusion |
|-------------------------|-----------|----------------------------------|------------|
| 802.11ax-HE20-RU52-left | 5180 MHz  | 5.50                             | P          |
|                         | 5200 MHz  | 5.80                             | P          |
|                         | 5240 MHz  | 5.69                             | P          |
|                         | 5260 MHz  | 5.35                             | P          |
|                         | 5280 MHz  | 5.45                             | P          |
|                         | 5320 MHz  | 5.82                             | P          |

|                            |          |      |   |
|----------------------------|----------|------|---|
|                            | 5500 MHz | 5.41 | P |
|                            | 5580 MHz | 6.30 | P |
|                            | 5700 MHz | 7.25 | P |
|                            | 5720 MHz | 7.34 | P |
| 802.11ax-HE20-RU52-right   | 5180 MHz | 5.84 | P |
|                            | 5200 MHz | 5.81 | P |
|                            | 5240 MHz | 5.99 | P |
|                            | 5260 MHz | 5.60 | P |
|                            | 5280 MHz | 5.79 | P |
|                            | 5320 MHz | 5.83 | P |
|                            | 5500 MHz | 5.41 | P |
|                            | 5580 MHz | 6.61 | P |
|                            | 5700 MHz | 7.23 | P |
|                            | 5720 MHz | 7.41 | P |
| 802.11ax-HE20-RU106-left   | 5180 MHz | 5.75 | P |
|                            | 5200 MHz | 6.11 | P |
|                            | 5240 MHz | 6.05 | P |
|                            | 5260 MHz | 5.61 | P |
|                            | 5280 MHz | 5.72 | P |
|                            | 5320 MHz | 6.07 | P |
|                            | 5500 MHz | 5.67 | P |
|                            | 5580 MHz | 6.78 | P |
|                            | 5700 MHz | 7.29 | P |
|                            | 5720 MHz | 7.35 | P |
| 802.11ax-HE20-RU10-6-right | 5180 MHz | 6.29 | P |
|                            | 5200 MHz | 6.21 | P |
|                            | 5240 MHz | 6.45 | P |
|                            | 5260 MHz | 5.96 | P |
|                            | 5280 MHz | 6.24 | P |
|                            | 5320 MHz | 6.15 | P |
|                            | 5500 MHz | 5.70 | P |
|                            | 5580 MHz | 6.96 | P |
|                            | 5700 MHz | 7.13 | P |
|                            | 5720 MHz | 7.28 | P |
| 802.11ax-HE40-RU106-left   | 5190 MHz | 6.27 | P |
|                            | 5230 MHz | 6.27 | P |
|                            | 5270 MHz | 5.92 | P |
|                            | 5310 MHz | 6.24 | P |
|                            | 5510 MHz | 6.16 | P |
|                            | 5550 MHz | 6.38 | P |
|                            | 5670 MHz | 7.65 | P |
|                            | 5710 MHz | 7.78 | P |

|                           |          |      |   |
|---------------------------|----------|------|---|
| 802.11ax-HE40-RU106-right | 5190 MHz | 6.67 | P |
|                           | 5230 MHz | 6.80 | P |
|                           | 5270 MHz | 6.51 | P |
|                           | 5310 MHz | 6.48 | P |
|                           | 5510 MHz | 6.36 | P |
|                           | 5550 MHz | 6.50 | P |
|                           | 5670 MHz | 7.52 | P |
|                           | 5710 MHz | 7.73 | P |
| 802.11ax-HE80-RU26-right  | 5210MHz  | 6.35 | P |
|                           | 5290MHz  | 6.41 | P |
|                           | 5530MHz  | 6.87 | P |
|                           | 5610MHz  | 6.06 | P |
|                           | 5690MHz  | 7.86 | P |
| 802.11ax-HE80-RU52-right  | 5210MHz  | 6.39 | P |
|                           | 5290MHz  | 6.17 | P |
|                           | 5530MHz  | 6.05 | P |
|                           | 5610MHz  | 7.36 | P |
|                           | 5690MHz  | 7.37 | P |
| 802.11ax-HE80-RU106-left  | 5210MHz  | 5.52 | P |
|                           | 5290MHz  | 5.07 | P |
|                           | 5530MHz  | 5.68 | P |
|                           | 5610MHz  | 6.72 | P |
|                           | 5690MHz  | 7.28 | P |
| 802.11ax-HE80-RU106-right | 5210MHz  | 6.44 | P |
|                           | 5290MHz  | 6.26 | P |
|                           | 5530MHz  | 6.11 | P |
|                           | 5610MHz  | 7.45 | P |
|                           | 5690MHz  | 7.26 | P |

#### MIMO

| Mode    | Frequency | Power Spectral Density (dBm/MHz) | Conclusion |
|---------|-----------|----------------------------------|------------|
| 802.11a | 5180 MHz  | 9.86                             | P          |
|         | 5200 MHz  | 9.98                             | P          |
|         | 5240 MHz  | 10.05                            | P          |
|         | 5260 MHz  | 9.95                             | P          |
|         | 5280 MHz  | 10.20                            | P          |
|         | 5320 MHz  | 9.85                             | P          |
|         | 5500 MHz  | 9.37                             | P          |
|         | 5580 MHz  | 10.01                            | P          |

|                   |          |       |   |
|-------------------|----------|-------|---|
|                   | 5700 MHz | 10.24 | P |
|                   | 5720 MHz | 9.98  | P |
| 802.11ac<br>VHT20 | 5180 MHz | 9.59  | P |
|                   | 5200 MHz | 9.60  | P |
|                   | 5240 MHz | 9.40  | P |
|                   | 5260 MHz | 9.21  | P |
|                   | 5280 MHz | 9.48  | P |
|                   | 5320 MHz | 9.17  | P |
|                   | 5500 MHz | 8.64  | P |
|                   | 5580 MHz | 9.05  | P |
|                   | 5700 MHz | 9.66  | P |
|                   | 5720 MHz | 9.52  | P |
| 802.11ac<br>VHT40 | 5190 MHz | 7.78  | P |
|                   | 5230 MHz | 7.55  | P |
|                   | 5270 MHz | 7.46  | P |
|                   | 5310 MHz | 7.47  | P |
|                   | 5510 MHz | 6.82  | P |
|                   | 5550 MHz | 6.96  | P |
|                   | 5670 MHz | 7.96  | P |
|                   | 5710 MHz | 7.71  | P |
| 802.11ac<br>VHT80 | 5210MHz  | 3.67  | P |
|                   | 5290MHz  | 3.51  | P |
|                   | 5530MHz  | 2.78  | P |
|                   | 5610MHz  | 3.47  | P |
|                   | 5690MHz  | 3.98  | P |
| 802.11ax<br>HE20  | 5180 MHz | 9.65  | P |
|                   | 5200 MHz | 9.72  | P |
|                   | 5240 MHz | 9.40  | P |
|                   | 5260 MHz | 9.28  | P |
|                   | 5280 MHz | 9.59  | P |
|                   | 5320 MHz | 9.17  | P |
|                   | 5500 MHz | 8.55  | P |
|                   | 5580 MHz | 9.09  | P |
|                   | 5700 MHz | 9.34  | P |
|                   | 5720 MHz | 9.28  | P |
| 802.11ax<br>HE40  | 5190 MHz | 7.55  | P |
|                   | 5230 MHz | 7.15  | P |
|                   | 5270 MHz | 7.07  | P |
|                   | 5310 MHz | 7.06  | P |
|                   | 5510 MHz | 6.39  | P |
|                   | 5550 MHz | 6.45  | P |
|                   | 5670 MHz | 7.51  | P |

|                          |          |       |   |
|--------------------------|----------|-------|---|
|                          | 5710 MHz | 7.46  | P |
| 802.11ax<br>HE80         | 5210MHz  | 4.46  | P |
|                          | 5290MHz  | 4.44  | P |
|                          | 5530MHz  | 3.67  | P |
|                          | 5610MHz  | 4.47  | P |
|                          | 5690MHz  | 4.64  | P |
| 802.11ac-VHT160          | 5250 MHz | 0.34  | P |
|                          | 5570 MHz | -0.55 | P |
| 802.11ax-HE160           | 5250 MHz | 0.91  | P |
|                          | 5570 MHz | 0.16  | P |
| 802.11ax-HE20-RU26-left  | 5180 MHz | 9.84  | P |
|                          | 5200 MHz | 9.94  | P |
|                          | 5240 MHz | 9.60  | P |
|                          | 5260 MHz | 9.38  | P |
|                          | 5280 MHz | 9.74  | P |
|                          | 5320 MHz | 9.44  | P |
|                          | 5500 MHz | 8.92  | P |
|                          | 5580 MHz | 9.33  | P |
|                          | 5700 MHz | 9.75  | P |
|                          | 5720 MHz | 9.58  | P |
| 802.11ax-HE20-RU26-right | 5180 MHz | 9.99  | P |
|                          | 5200 MHz | 10.09 | P |
|                          | 5240 MHz | 9.49  | P |
|                          | 5260 MHz | 9.74  | P |
|                          | 5280 MHz | 9.82  | P |
|                          | 5320 MHz | 9.14  | P |
|                          | 5500 MHz | 8.29  | P |
|                          | 5580 MHz | 9.09  | P |
|                          | 5700 MHz | 9.26  | P |
|                          | 5720 MHz | 8.68  | P |
| 802.11ax-HE20-RU52-left  | 5180 MHz | 9.28  | P |
|                          | 5200 MHz | 9.38  | P |
|                          | 5240 MHz | 9.16  | P |
|                          | 5260 MHz | 8.86  | P |
|                          | 5280 MHz | 9.20  | P |
|                          | 5320 MHz | 8.94  | P |
|                          | 5500 MHz | 8.67  | P |
|                          | 5580 MHz | 9.00  | P |
|                          | 5700 MHz | 9.54  | P |
|                          | 5720 MHz | 9.35  | P |
| 802.11ax-HE20-RU52-right | 5180 MHz | 9.45  | P |
|                          | 5200 MHz | 9.56  | P |

|                           |          |       |   |
|---------------------------|----------|-------|---|
|                           | 5240 MHz | 9.10  | P |
|                           | 5260 MHz | 9.19  | P |
|                           | 5280 MHz | 9.36  | P |
|                           | 5320 MHz | 8.75  | P |
|                           | 5500 MHz | 8.06  | P |
|                           | 5580 MHz | 8.68  | P |
|                           | 5700 MHz | 8.85  | P |
|                           | 5720 MHz | 8.80  | P |
| 802.11ax-HE20-RU106-left  | 5180 MHz | 9.49  | P |
|                           | 5200 MHz | 9.60  | P |
|                           | 5240 MHz | 9.40  | P |
|                           | 5260 MHz | 9.09  | P |
|                           | 5280 MHz | 9.37  | P |
|                           | 5320 MHz | 9.03  | P |
|                           | 5500 MHz | 8.67  | P |
|                           | 5580 MHz | 9.11  | P |
|                           | 5700 MHz | 9.52  | P |
|                           | 5720 MHz | 9.42  | P |
| 802.11ax-HE20-RU106-right | 5180 MHz | 9.51  | P |
|                           | 5200 MHz | 9.65  | P |
|                           | 5240 MHz | 9.32  | P |
|                           | 5260 MHz | 9.27  | P |
|                           | 5280 MHz | 9.52  | P |
|                           | 5320 MHz | 8.98  | P |
|                           | 5500 MHz | 8.49  | P |
|                           | 5580 MHz | 9.04  | P |
|                           | 5700 MHz | 9.33  | P |
|                           | 5720 MHz | 9.23  | P |
| 802.11ax-HE40-RU26-left   | 5190 MHz | 9.87  | P |
|                           | 5230 MHz | 9.65  | P |
|                           | 5270 MHz | 9.21  | P |
|                           | 5310 MHz | 9.64  | P |
|                           | 5510 MHz | 8.99  | P |
|                           | 5550 MHz | 8.82  | P |
|                           | 5670 MHz | 9.67  | P |
|                           | 5710 MHz | 9.75  | P |
| 802.11ax-HE40- RU26-right | 5190 MHz | 10.20 | P |
|                           | 5230 MHz | 9.51  | P |
|                           | 5270 MHz | 9.90  | P |
|                           | 5310 MHz | 9.45  | P |
|                           | 5510 MHz | 8.39  | P |
|                           | 5550 MHz | 8.63  | P |

|                           |          |       |   |
|---------------------------|----------|-------|---|
|                           | 5670 MHz | 9.35  | P |
|                           | 5710 MHz | 9.15  | P |
| 802.11ax-HE40-RU52-left   | 5190 MHz | 9.78  | P |
|                           | 5230 MHz | 9.62  | P |
|                           | 5270 MHz | 9.15  | P |
|                           | 5310 MHz | 9.54  | P |
|                           | 5510 MHz | 9.12  | P |
|                           | 5550 MHz | 8.96  | P |
|                           | 5670 MHz | 9.76  | P |
|                           | 5710 MHz | 9.91  | P |
| 802.11ax-HE40- RU52-right | 5190 MHz | 10.05 | P |
|                           | 5230 MHz | 9.44  | P |
|                           | 5270 MHz | 9.69  | P |
|                           | 5310 MHz | 9.16  | P |
|                           | 5510 MHz | 8.45  | P |
|                           | 5550 MHz | 8.65  | P |
|                           | 5670 MHz | 9.40  | P |
|                           | 5710 MHz | 9.47  | P |
| 802.11ax-HE40-RU106-left  | 5190 MHz | 9.91  | P |
|                           | 5230 MHz | 9.75  | P |
|                           | 5270 MHz | 9.24  | P |
|                           | 5310 MHz | 9.57  | P |
|                           | 5510 MHz | 9.05  | P |
|                           | 5550 MHz | 9.06  | P |
|                           | 5670 MHz | 10.00 | P |
|                           | 5710 MHz | 9.94  | P |
| 802.11ax-HE40-RU106-right | 5190 MHz | 10.18 | P |
|                           | 5230 MHz | 9.75  | P |
|                           | 5270 MHz | 9.99  | P |
|                           | 5310 MHz | 9.55  | P |
|                           | 5510 MHz | 8.94  | P |
|                           | 5550 MHz | 9.26  | P |
|                           | 5670 MHz | 10.18 | P |
|                           | 5710 MHz | 10.08 | P |
| 802.11ax-HE80-RU26-left   | 5210MHz  | 9.19  | P |
|                           | 5290MHz  | 8.62  | P |
|                           | 5530MHz  | 8.35  | P |
|                           | 5610MHz  | 8.66  | P |
|                           | 5690MHz  | 8.82  | P |
| 802.11ax-HE80-RU26-right  | 5210MHz  | 9.98  | P |
|                           | 5290MHz  | 10.10 | P |
|                           | 5530MHz  | 9.27  | P |

|                            |          |       |   |
|----------------------------|----------|-------|---|
|                            | 5610MHz  | 10.18 | P |
|                            | 5690MHz  | 10.00 | P |
| 802.11ax-HE80-RU52-left    | 5210MHz  | 9.43  | P |
|                            | 5290MHz  | 8.80  | P |
|                            | 5530MHz  | 8.64  | P |
|                            | 5610MHz  | 8.91  | P |
|                            | 5690MHz  | 9.01  | P |
| 802.11ax-HE80-RU52-right   | 5210MHz  | 9.66  | P |
|                            | 5290MHz  | 9.74  | P |
|                            | 5530MHz  | 9.09  | P |
|                            | 5610MHz  | 10.08 | P |
|                            | 5690MHz  | 9.77  | P |
| 802.11ax-HE80-RU106-left   | 5210MHz  | 9.41  | P |
|                            | 5290MHz  | 8.78  | P |
|                            | 5530MHz  | 8.98  | P |
|                            | 5610MHz  | 9.35  | P |
|                            | 5690MHz  | 9.47  | P |
| 802.11ax-HE80-RU106-right  | 5210MHz  | 9.73  | P |
|                            | 5290MHz  | 9.67  | P |
|                            | 5530MHz  | 9.08  | P |
|                            | 5610MHz  | 9.99  | P |
|                            | 5690MHz  | 9.72  | P |
| 802.11ax-HE160-RU26-left   | 5250 MHz | 9.82  | P |
|                            | 5570 MHz | 9.36  | P |
| 802.11ax-HE160-RU26-right  | 5250 MHz | 10.28 | P |
|                            | 5570 MHz | 9.46  | P |
| 802.11ax-HE160-RU52-left   | 5250 MHz | 9.48  | P |
|                            | 5570 MHz | 9.06  | P |
| 802.11ax-HE160-RU52-right  | 5250 MHz | 10.08 | P |
|                            | 5570 MHz | 9.38  | P |
| 802.11ax-HE160-RU106-left  | 5250 MHz | 9.69  | P |
|                            | 5570 MHz | 9.06  | P |
| 802.11ax-HE160-RU106-right | 5250 MHz | 10.26 | P |
|                            | 5570 MHz | 9.54  | P |

**Conclusion: PASS**



#### A.4. Occupied 26dB Bandwidth(conducted)

##### Measurement Limit:

| Standard                   | Limit (kHz) |
|----------------------------|-------------|
| FCC 47 CFR Part 15.403 (i) | /           |

The measurement is made according to KDB 789033

##### Measurement Uncertainty:

|                         |         |
|-------------------------|---------|
| Measurement Uncertainty | 60.80Hz |
|-------------------------|---------|

##### Measurement Result:

##### SISO-core1

| Mode            | Frequency | Occupied 26dB Bandwidth (MHz) |       | conclusion |
|-----------------|-----------|-------------------------------|-------|------------|
| 802.11a         | 5180 MHz  | Fig.1                         | 20.05 | P          |
|                 | 5200 MHz  | Fig.2                         | 19.75 | P          |
|                 | 5240 MHz  | Fig.3                         | 19.75 | P          |
|                 | 5260 MHz  | Fig.4                         | 19.90 | P          |
|                 | 5280 MHz  | Fig.5                         | 20.00 | P          |
|                 | 5320 MHz  | Fig.6                         | 19.85 | P          |
|                 | 5500 MHz  | Fig.7                         | 20.00 | P          |
|                 | 5580 MHz  | Fig.8                         | 19.95 | P          |
|                 | 5700 MHz  | Fig.9                         | 20.05 | P          |
|                 | 5720MHz   | Fig.10                        | 20.05 | P          |
| 802.11n<br>HT20 | 5180 MHz  | Fig.11                        | 21.00 | P          |
|                 | 5200 MHz  | Fig.12                        | 21.15 | P          |
|                 | 5240 MHz  | Fig.13                        | 21.20 | P          |
|                 | 5260 MHz  | Fig.14                        | 20.80 | P          |
|                 | 5280 MHz  | Fig.15                        | 21.05 | P          |
|                 | 5320 MHz  | Fig.16                        | 21.00 | P          |
|                 | 5500 MHz  | Fig.17                        | 21.25 | P          |
|                 | 5580 MHz  | Fig.18                        | 21.55 | P          |
|                 | 5700 MHz  | Fig.19                        | 23.60 | P          |
|                 | 5720MHz   | Fig.20                        | 21.35 | P          |
| 802.11n<br>HT40 | 5190 MHz  | Fig.21                        | 40.24 | P          |
|                 | 5230 MHz  | Fig.22                        | 40.08 | P          |
|                 | 5270 MHz  | Fig.23                        | 40.16 | P          |
|                 | 5310 MHz  | Fig.24                        | 39.92 | P          |
|                 | 5510 MHz  | Fig.25                        | 40.16 | P          |
|                 | 5550 MHz  | Fig.26                        | 40.48 | P          |

|                        |          |        |        |   |
|------------------------|----------|--------|--------|---|
|                        | 5670 MHz | Fig.27 | 49.92  | P |
|                        | 5710 MHz | Fig.28 | 58.00  | P |
| 802.11ac<br>VHT80      | 5210MHz  | Fig.29 | 81.92  | P |
|                        | 5290MHz  | Fig.30 | 81.76  | P |
|                        | 5530MHz  | Fig.31 | 81.76  | P |
|                        | 5610MHz  | Fig.32 | 81.60  | P |
|                        | 5690MHz  | Fig.33 | 82.24  | P |
|                        |          |        |        |   |
| 802.11ax<br>HE20-RU242 | 5180 MHz | Fig.34 | 27.55  | P |
|                        | 5200 MHz | Fig.35 | 27.20  | P |
|                        | 5240 MHz | Fig.36 | 27.55  | P |
|                        | 5260 MHz | Fig.37 | 23.40  | P |
|                        | 5280 MHz | Fig.38 | 24.75  | P |
|                        | 5320 MHz | Fig.39 | 25.45  | P |
|                        | 5500 MHz | Fig.40 | 33.60  | P |
|                        | 5580 MHz | Fig.41 | 39.80  | P |
|                        | 5700 MHz | Fig.42 | 27.57  | P |
|                        | 5720MHz  | Fig.43 | 29.82  | P |
| 802.11ax<br>HE40-RU484 | 5190 MHz | Fig.44 | 44.44  | P |
|                        | 5230 MHz | Fig.45 | 44.91  | P |
|                        | 5270 MHz | Fig.46 | 44.76  | P |
|                        | 5310 MHz | Fig.47 | 44.76  | P |
|                        | 5510 MHz | Fig.48 | 51.15  | P |
|                        | 5550 MHz | Fig.49 | 55.38  | P |
|                        | 5670 MHz | Fig.50 | 45.23  | P |
|                        | 5710 MHz | Fig.51 | 43.00  | P |
| 802.11ax<br>HE80-RU996 | 5210MHz  | Fig.52 | 99.20  | P |
|                        | 5290MHz  | Fig.53 | 92.64  | P |
|                        | 5530MHz  | Fig.54 | 109.49 | P |
|                        | 5610MHz  | Fig.55 | 114.77 | P |
|                        | 5690MHz  | Fig.56 | 116.20 | P |

#### SISO-core0

| Mode                  | Frequency | Occupied 26dB<br>Bandwidth<br>(MHz) |        | conclusion |
|-----------------------|-----------|-------------------------------------|--------|------------|
| 802.11ac-VHT160       | 5250MHz   | Fig.57                              | 163.20 | P          |
|                       | 5570MHz   | Fig.58                              | 163.52 | P          |
| 802.11ax-HE160-RUfull | 5250MHz   | Fig.59                              | 237.20 | P          |
|                       | 5570MHz   | Fig.60                              | 184.46 | P          |

#### MIMO-core1

| Mode | Frequency | Occupied 26dB Bandwidth<br>(MHz) |  | conclusion |
|------|-----------|----------------------------------|--|------------|
|------|-----------|----------------------------------|--|------------|

|                        |          |         |       |   |
|------------------------|----------|---------|-------|---|
| 802.11a                | 5180 MHz | Fig.61  | 19.50 | P |
|                        | 5200 MHz | Fig.62  | 19.45 | P |
|                        | 5240 MHz | Fig.63  | 19.35 | P |
|                        | 5260 MHz | Fig.64  | 19.45 | P |
|                        | 5280 MHz | Fig.65  | 19.25 | P |
|                        | 5320 MHz | Fig.66  | 19.35 | P |
|                        | 5500 MHz | Fig.67  | 19.40 | P |
|                        | 5580 MHz | Fig.68  | 19.40 | P |
|                        | 5700 MHz | Fig.69  | 21.55 | P |
|                        | 5720MHz  | Fig.70  | 20.15 | P |
| 802.11ac<br>VHT20      | 5180 MHz | Fig.71  | 20.95 | P |
|                        | 5200 MHz | Fig.72  | 22.50 | P |
|                        | 5240 MHz | Fig.73  | 21.05 | P |
|                        | 5260 MHz | Fig.74  | 21.15 | P |
|                        | 5280 MHz | Fig.75  | 21.35 | P |
|                        | 5320 MHz | Fig.76  | 21.00 | P |
|                        | 5500 MHz | Fig.77  | 21.25 | P |
|                        | 5580 MHz | Fig.78  | 21.20 | P |
|                        | 5700 MHz | Fig.79  | 24.70 | P |
|                        | 5720MHz  | Fig.80  | 24.70 | P |
| 802.11ac<br>VHT40      | 5190 MHz | Fig.81  | 39.68 | P |
|                        | 5230 MHz | Fig.82  | 40.00 | P |
|                        | 5270 MHz | Fig.83  | 40.00 | P |
|                        | 5310 MHz | Fig.84  | 40.00 | P |
|                        | 5510 MHz | Fig.85  | 40.00 | P |
|                        | 5550 MHz | Fig.86  | 40.08 | P |
|                        | 5670 MHz | Fig.87  | 51.52 | P |
|                        | 5710 MHz | Fig.88  | 52.40 | P |
| 802.11ac<br>VHT80      | 5210MHz  | Fig.89  | 81.28 | P |
|                        | 5290MHz  | Fig.90  | 81.60 | P |
|                        | 5530MHz  | Fig.91  | 81.28 | P |
|                        | 5610MHz  | Fig.92  | 81.44 | P |
|                        | 5690MHz  | Fig.93  | 81.28 | P |
| 802.11ax<br>HE20-RU242 | 5180 MHz | Fig.94  | 24.25 | P |
|                        | 5200 MHz | Fig.95  | 28.60 | P |
|                        | 5240 MHz | Fig.96  | 27.00 | P |
|                        | 5260 MHz | Fig.97  | 28.80 | P |
|                        | 5280 MHz | Fig.98  | 28.80 | P |
|                        | 5320 MHz | Fig.99  | 29.85 | P |
|                        | 5500 MHz | Fig.100 | 43.50 | P |
|                        | 5580 MHz | Fig.101 | 35.95 | P |
|                        | 5700 MHz | Fig.102 | 28.55 | P |

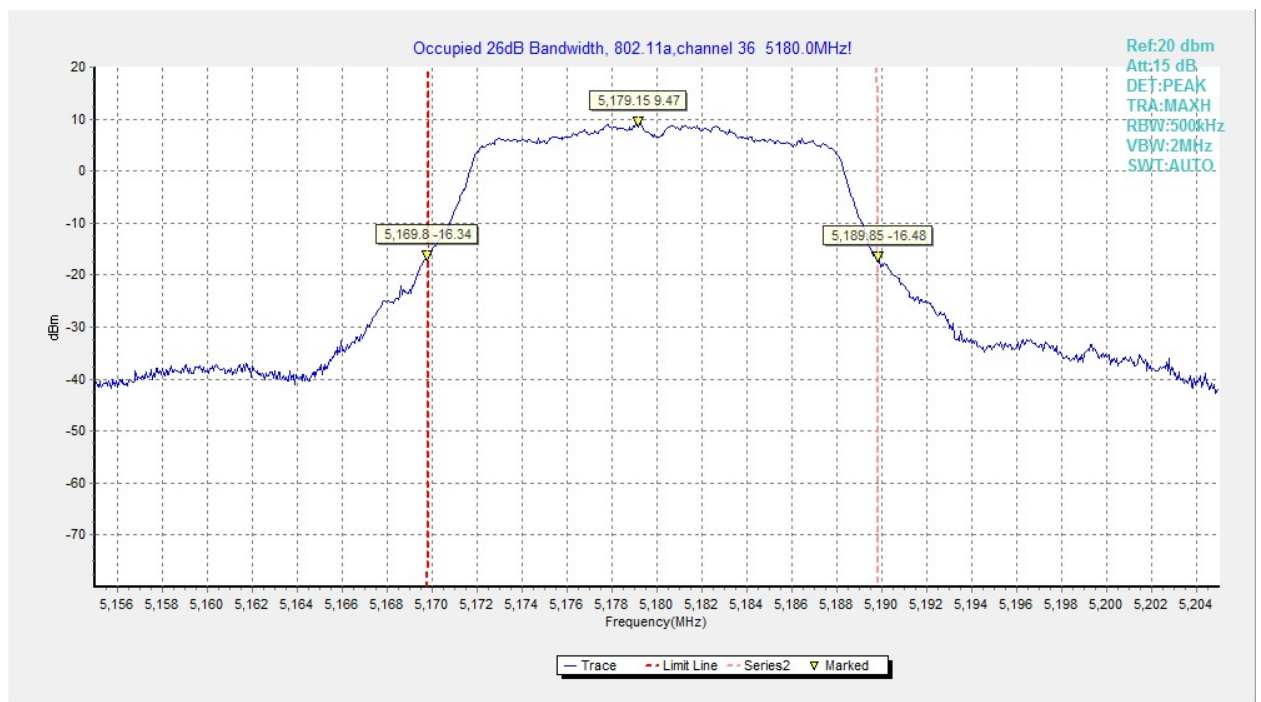
|                        |          |         |        |   |
|------------------------|----------|---------|--------|---|
|                        | 5720MHz  | Fig.103 | 27.77  | P |
| 802.11ax<br>HE40-RU484 | 5190 MHz | Fig.104 | 61.84  | P |
|                        | 5230 MHz | Fig.105 | 59.68  | P |
|                        | 5270 MHz | Fig.106 | 60.24  | P |
|                        | 5310 MHz | Fig.107 | 60.08  | P |
|                        | 5510 MHz | Fig.108 | 51.31  | P |
|                        | 5550 MHz | Fig.109 | 55.38  | P |
|                        | 5670 MHz | Fig.110 | 44.67  | P |
|                        | 5710 MHz | Fig.111 | 45.23  | P |
| 802.11ax<br>HE80-RU996 | 5210MHz  | Fig.112 | 92.64  | P |
|                        | 5290MHz  | Fig.113 | 110.88 | P |
|                        | 5530MHz  | Fig.114 | 113.44 | P |
|                        | 5610MHz  | Fig.115 | 105.49 | P |
|                        | 5690MHz  | Fig.116 | 116.96 | P |

### MIMO-core0

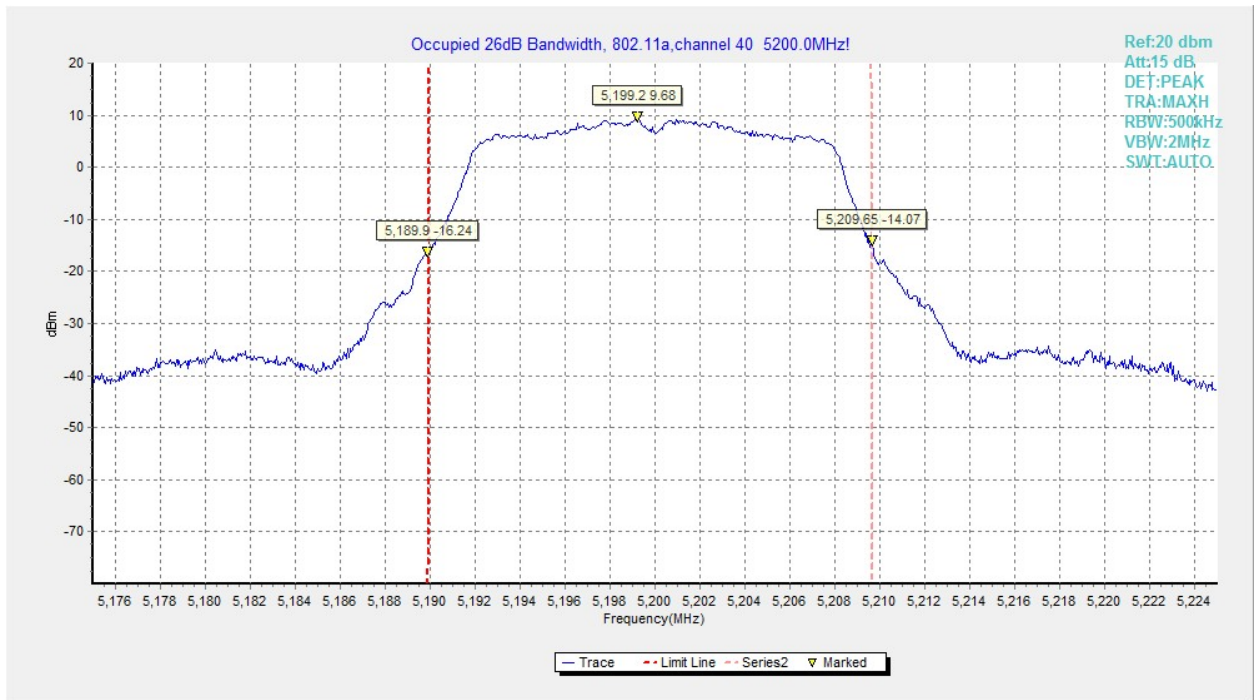
| Mode                  | Frequency | Occupied 26dB<br>Bandwidth<br>(MHz) |        | conclusion |
|-----------------------|-----------|-------------------------------------|--------|------------|
| 802.11ac-VHT160       | 5250MHz   | Fig.117                             | 162.88 | P          |
|                       | 5570MHz   | Fig.118                             | 163.84 | P          |
| 802.11ax-HE160-RUfull | 5250MHz   | Fig.119                             | 244.88 | P          |
|                       | 5570MHz   | Fig.120                             | 195.00 | P          |

**Conclusion: PASS**

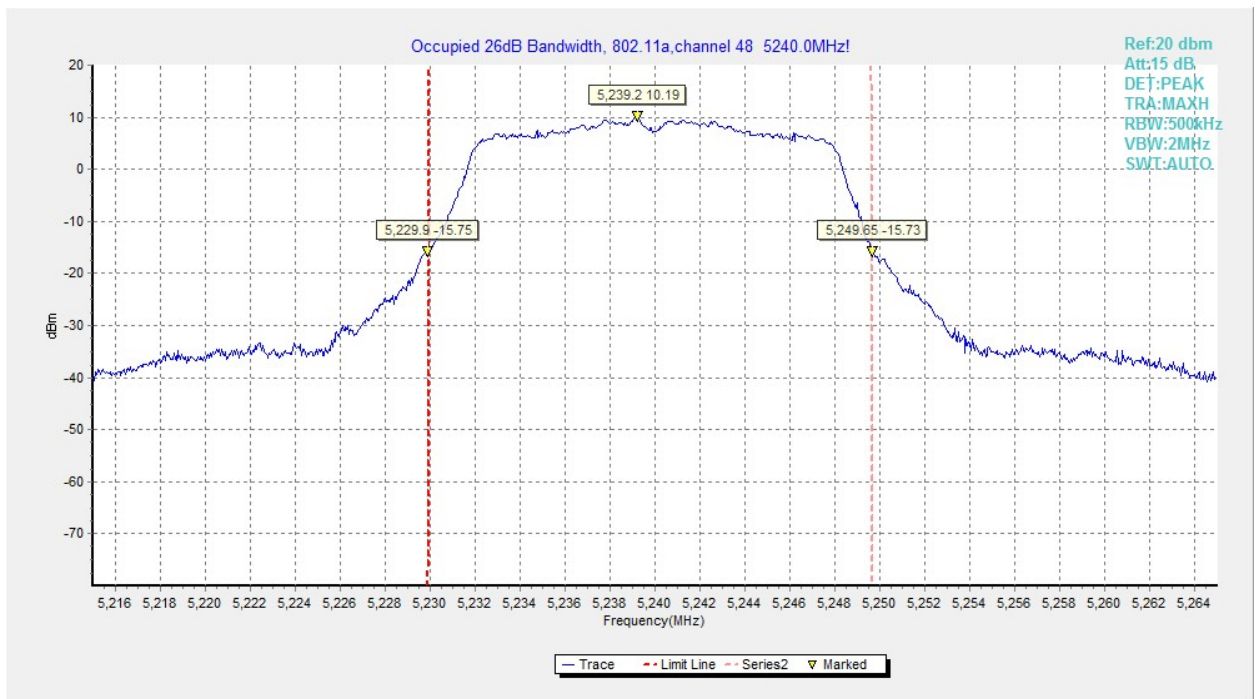
**Test graphs as below:**



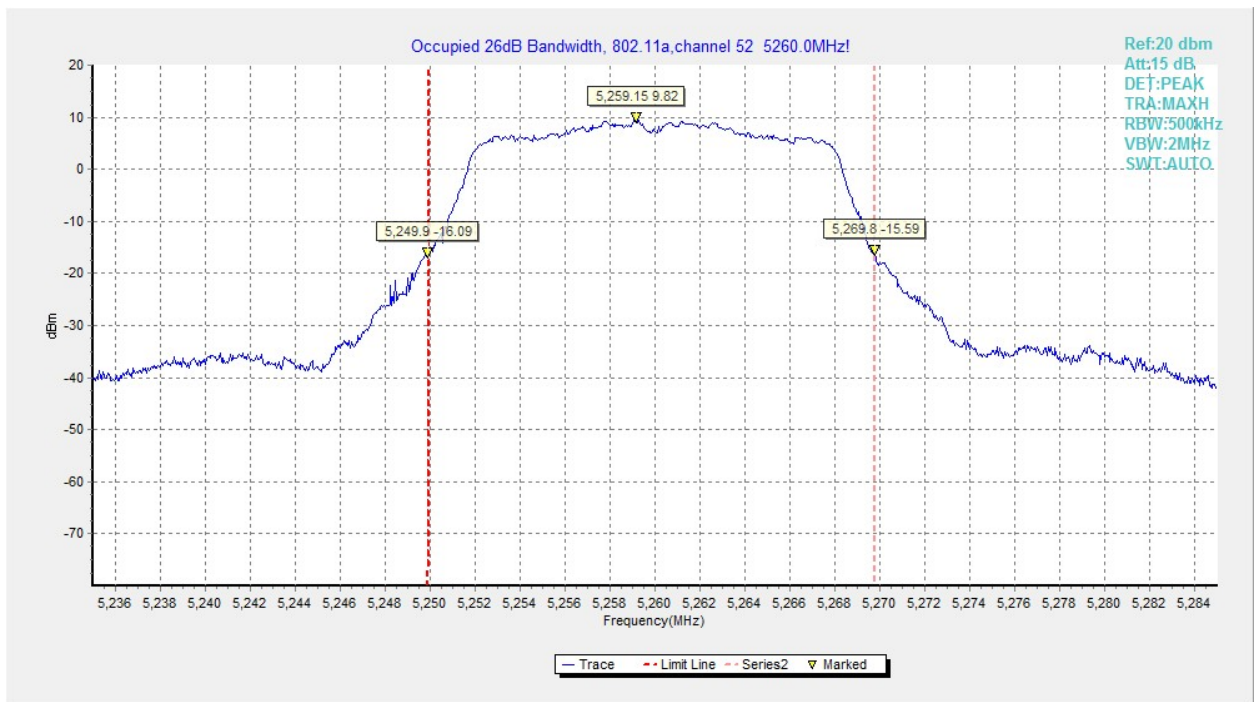
**Fig.1 Occupied 26dB Bandwidth (802.11a, 5180MHz)**



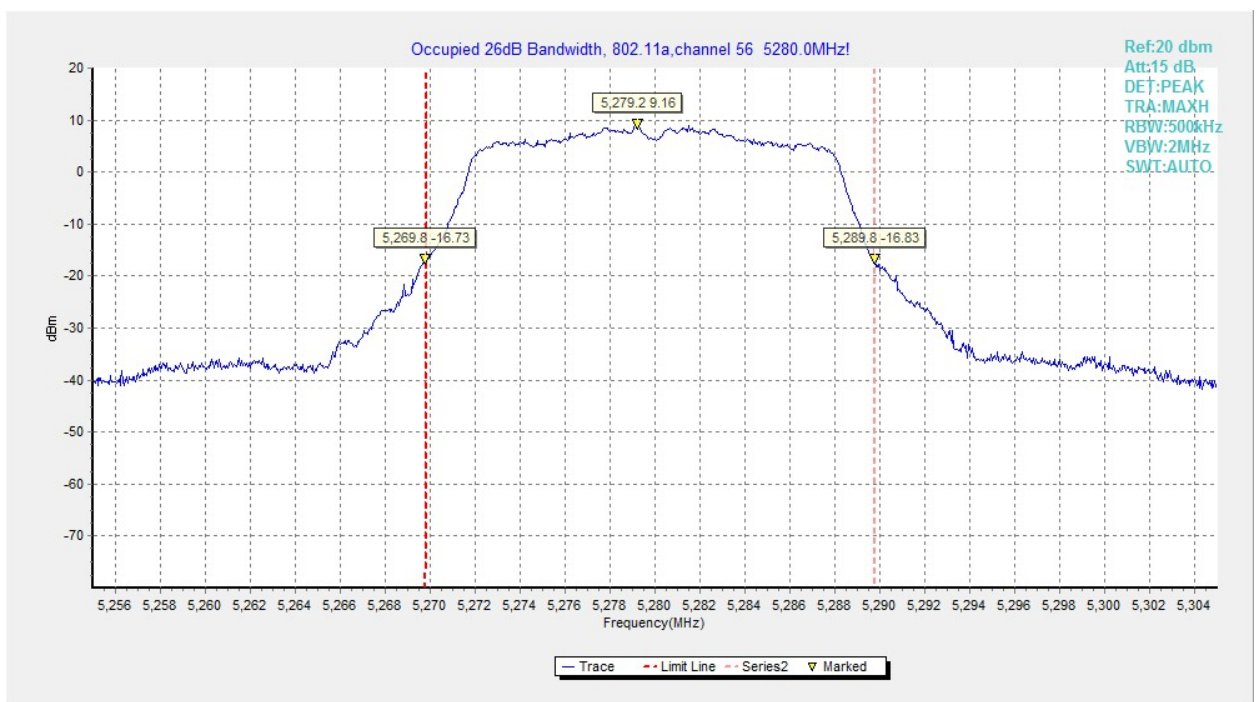
**Fig.2 Occupied 26dB Bandwidth (802.11a, 5200MHz)**



**Fig.3 Occupied 26dB Bandwidth (802.11a, 5240MHz)**

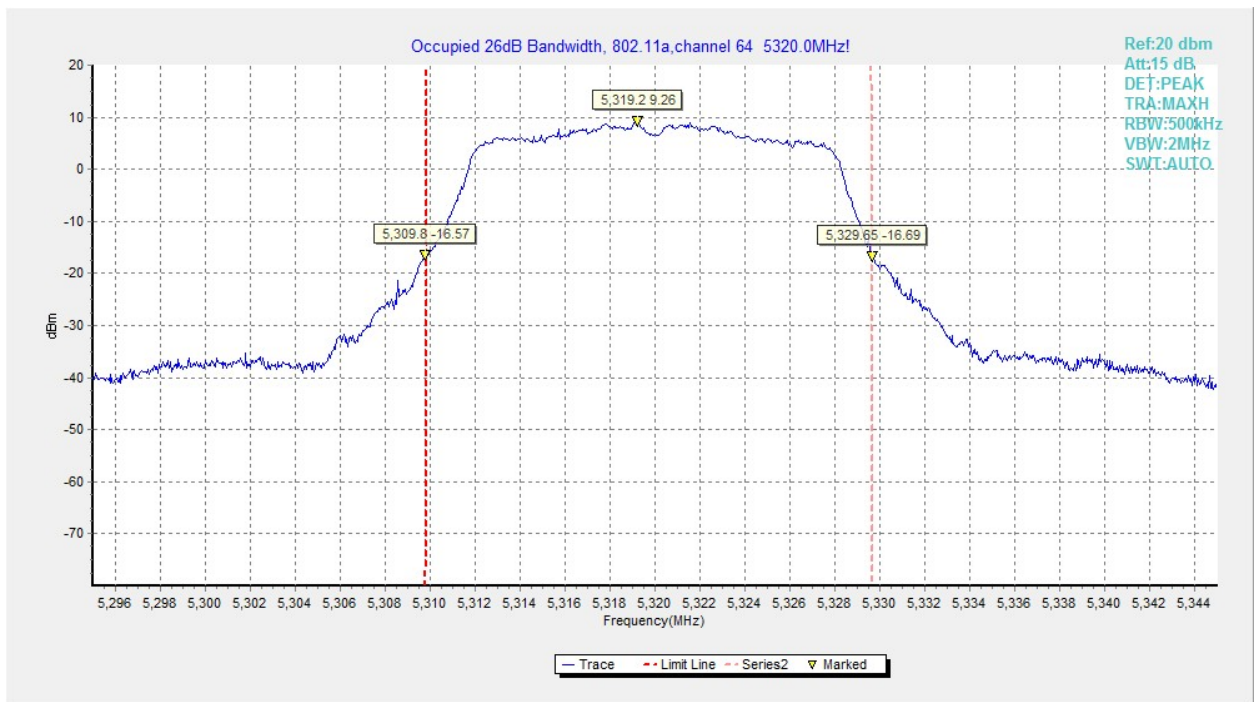


**Fig.4 Occupied 26dB Bandwidth (802.11a, 5260MHz)**

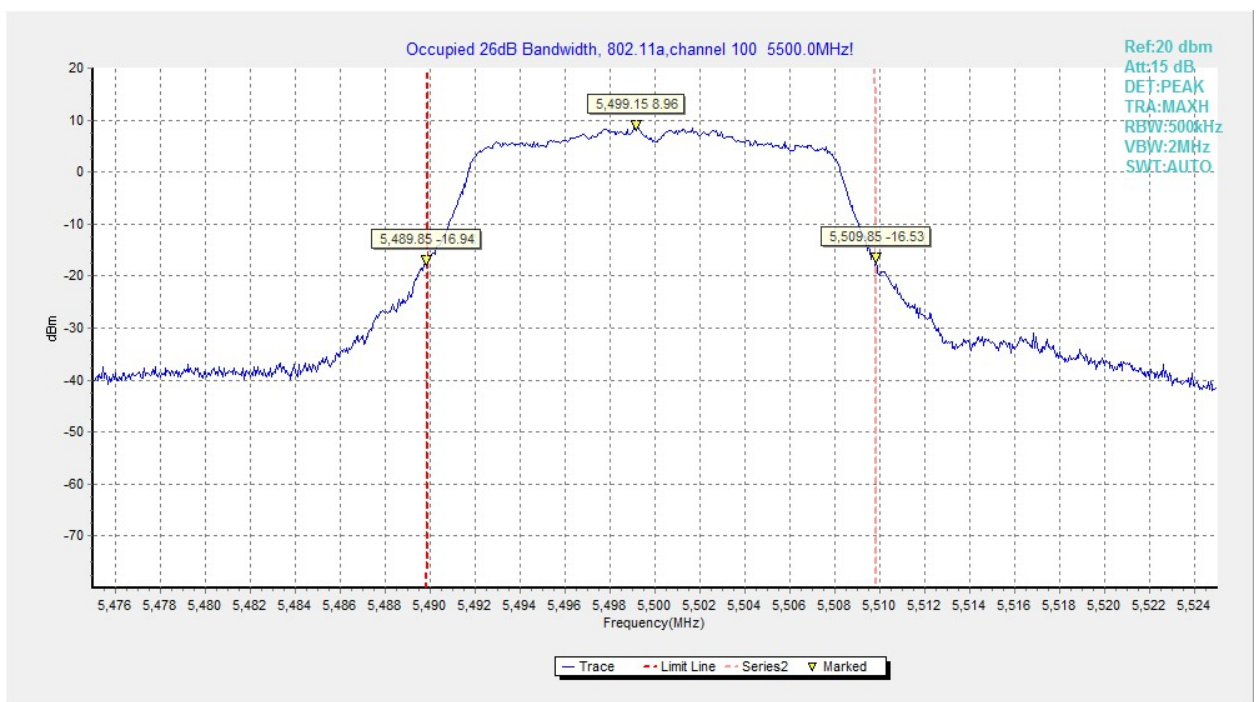


**Fig.5 Occupied 26dB Bandwidth (802.11a, 5280MHz)**

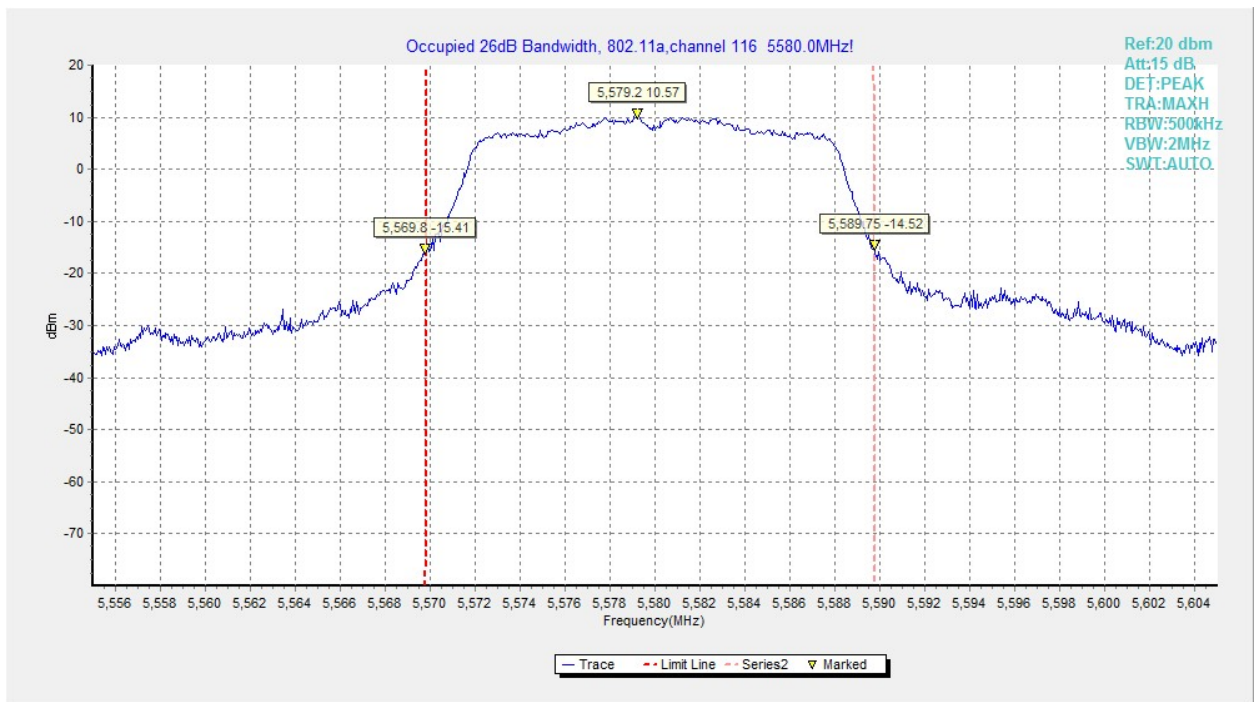




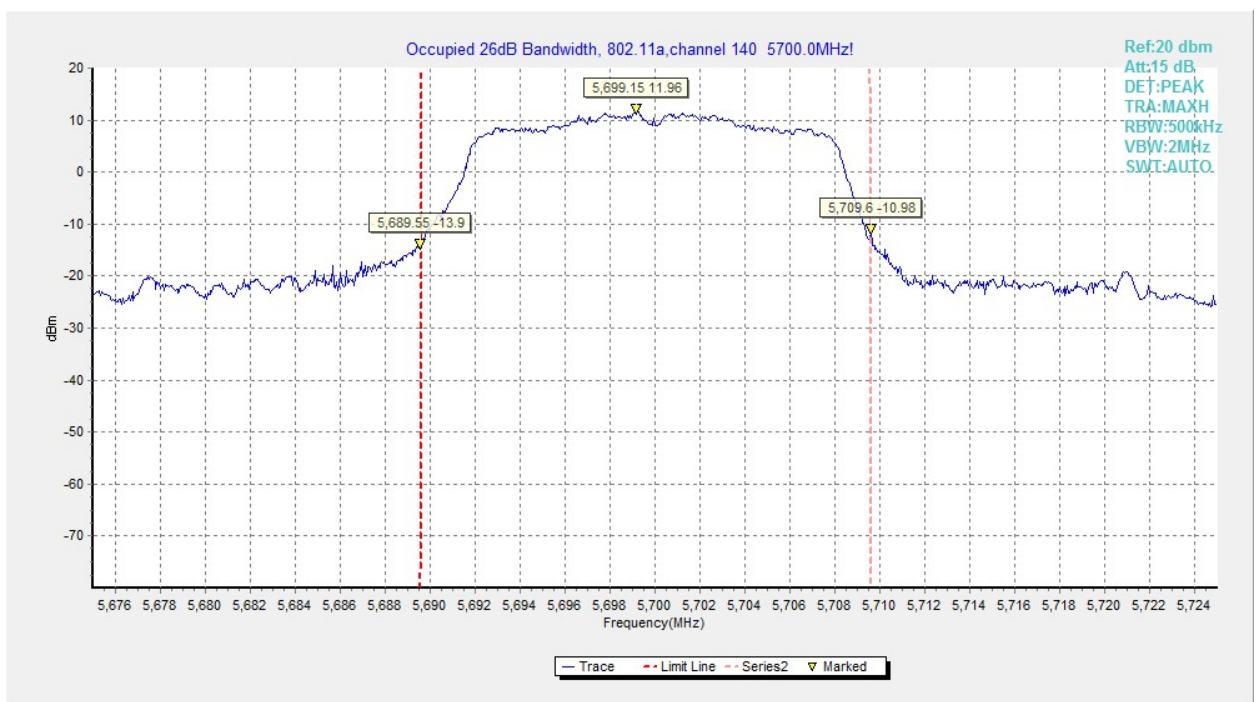
**Fig.6 Occupied 26dB Bandwidth (802.11a, 5320MHz)**



**Fig.7 Occupied 26dB Bandwidth (802.11a, 5500MHz)**



**Fig.8 Occupied 26dB Bandwidth (802.11a, 5580MHz)**



**Fig.9 Occupied 26dB Bandwidth (802.11a, 5700MHz)**



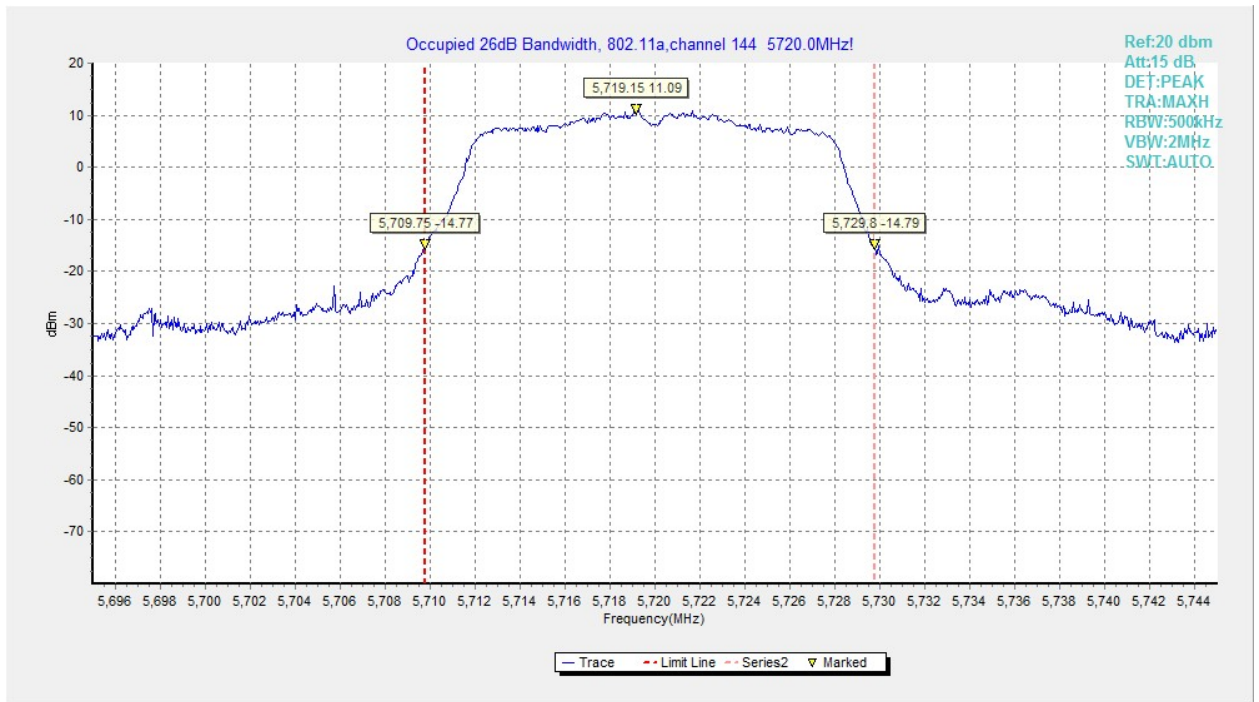


Fig.10 Occupied 26dB Bandwidth (802.11a, 5720MHz)

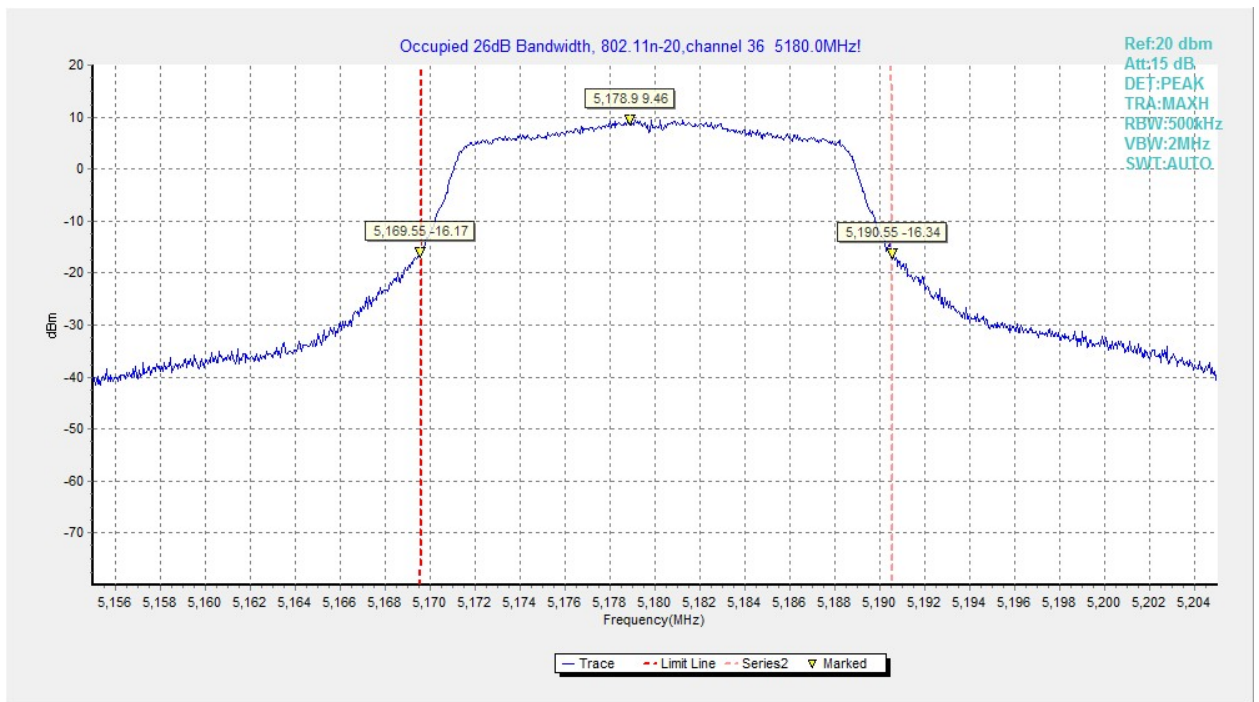


Fig.11 Occupied 26dB Bandwidth (802.11n-HT20, 5180MHz)

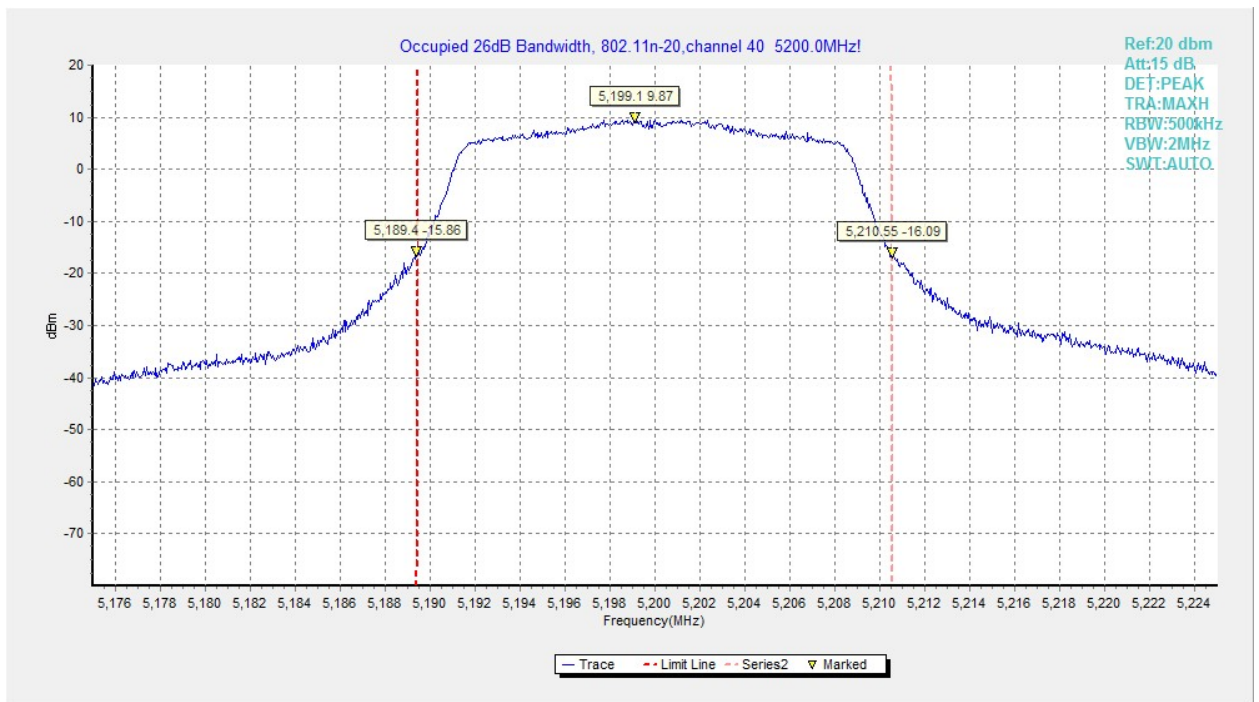


Fig.12 Occupied 26dB Bandwidth (802.11n-HT20, 5200MHz)

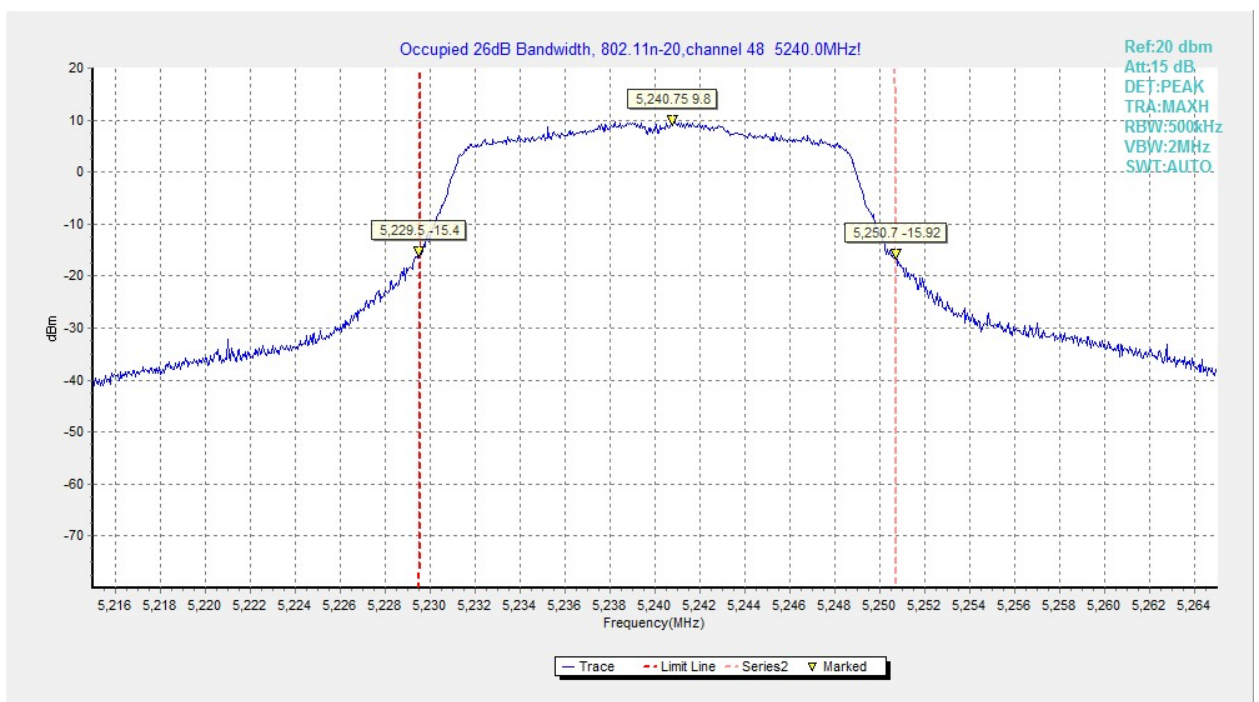
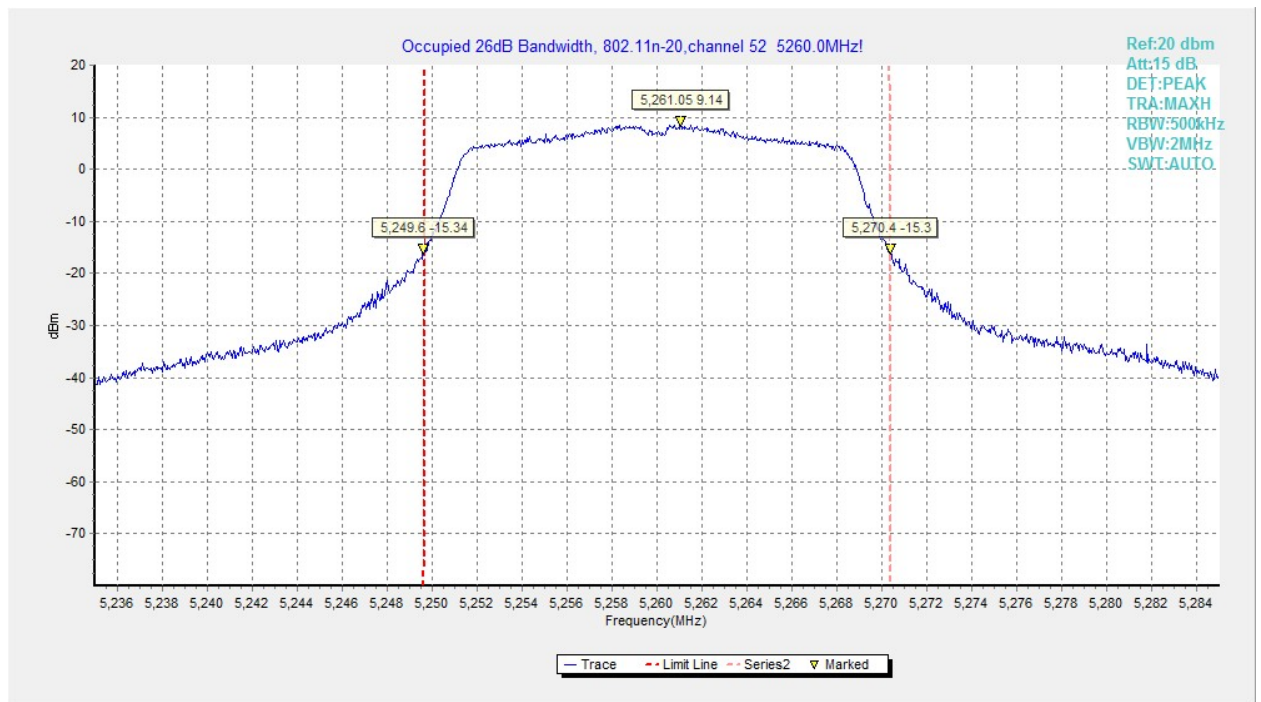
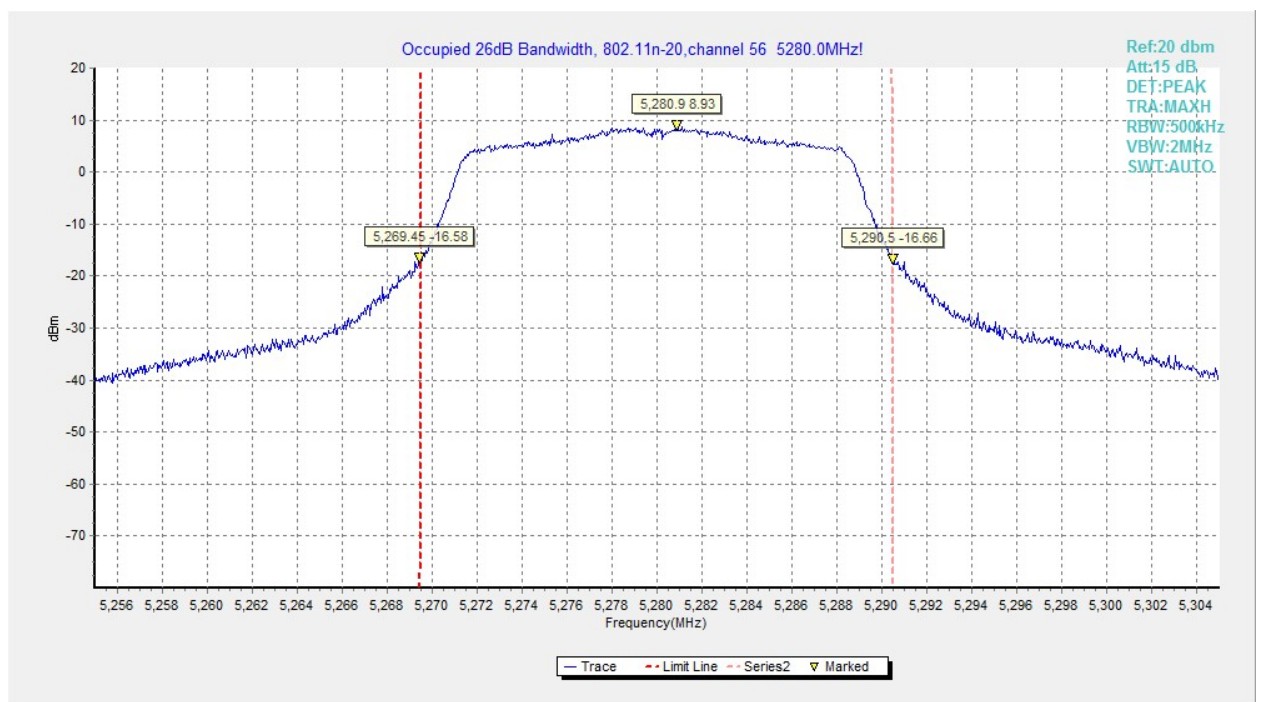


Fig.13 Occupied 26dB Bandwidth (802.11n-HT20, 5240MHz)



**Fig.14 Occupied 26dB Bandwidth (802.11n-HT20, 5260MHz)**



**Fig.15 Occupied 26dB Bandwidth (802.11n-HT20, 5280MHz)**

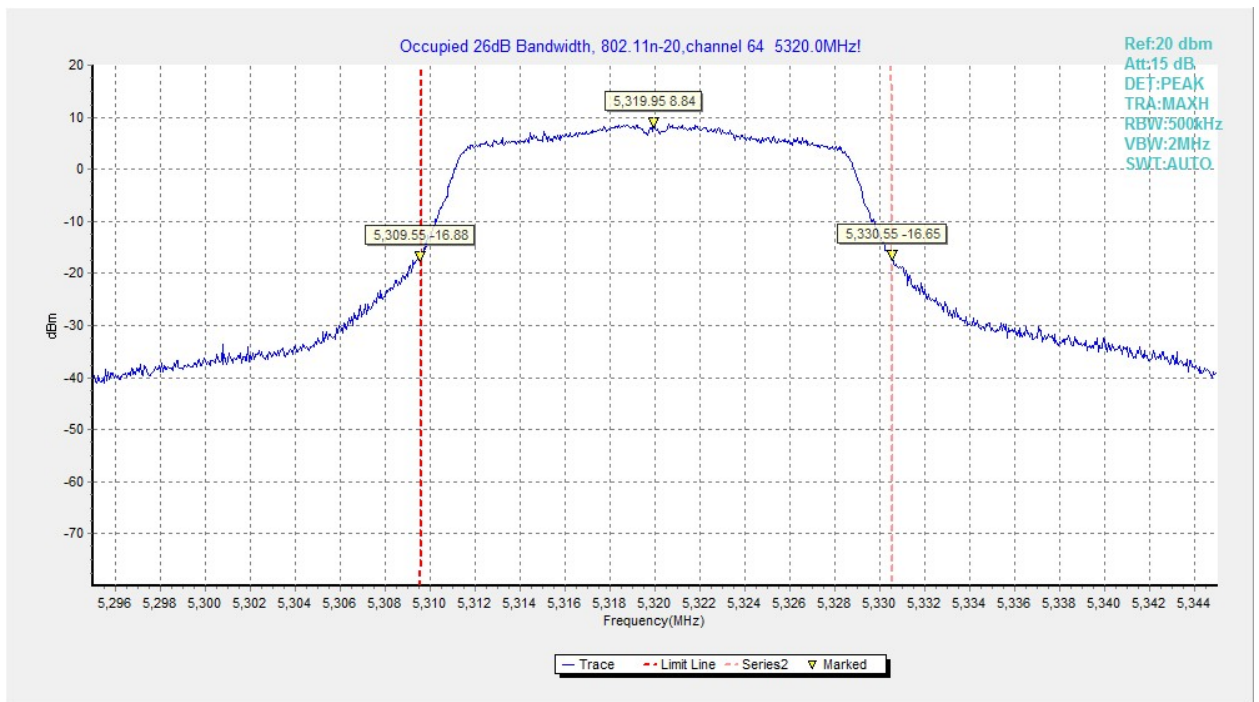


Fig.16 Occupied 26dB Bandwidth (802.11n-HT20, 5320MHz)

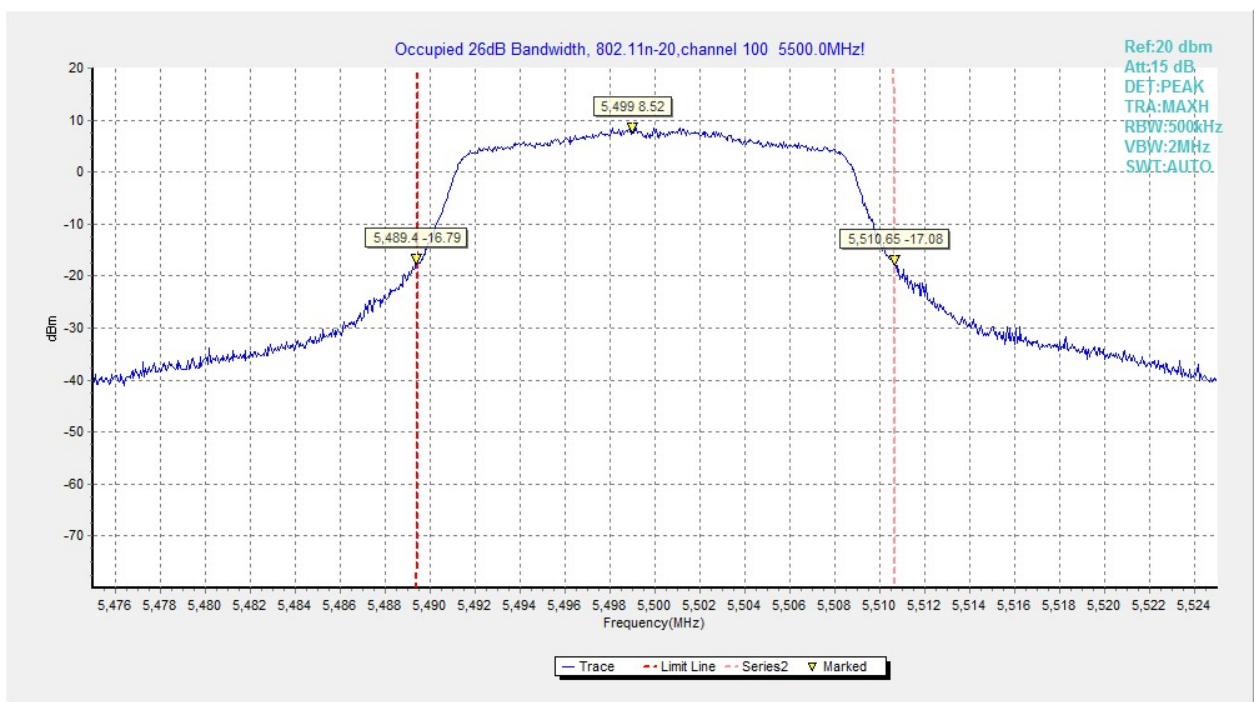


Fig.17 Occupied 26dB Bandwidth (802. 11n-HT20, 5500MHz)



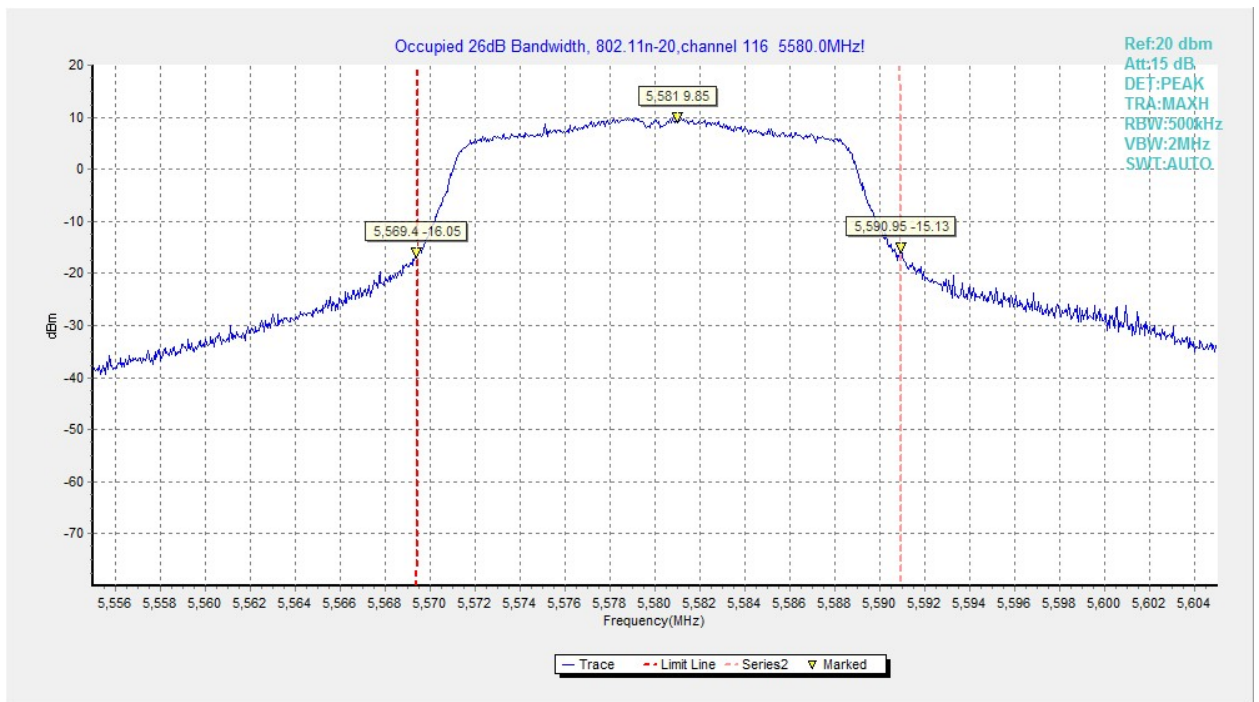


Fig.18 Occupied 26dB Bandwidth (802. 11n-HT20, 5580MHz)

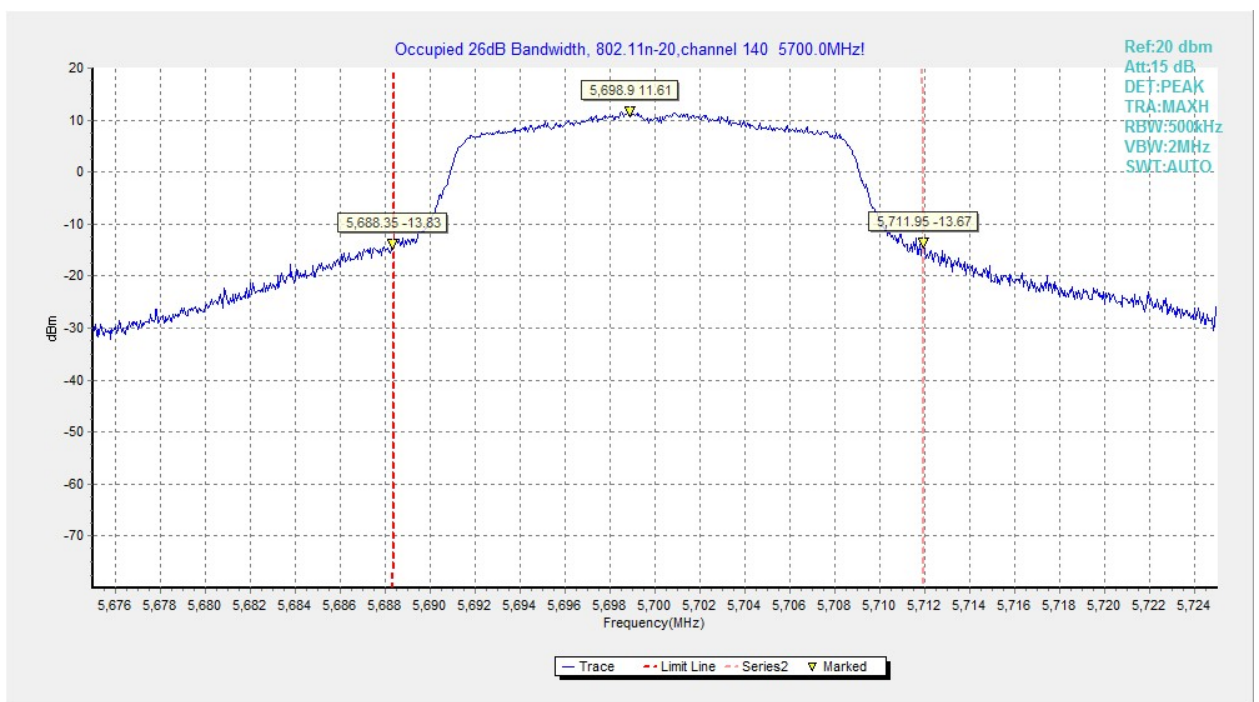
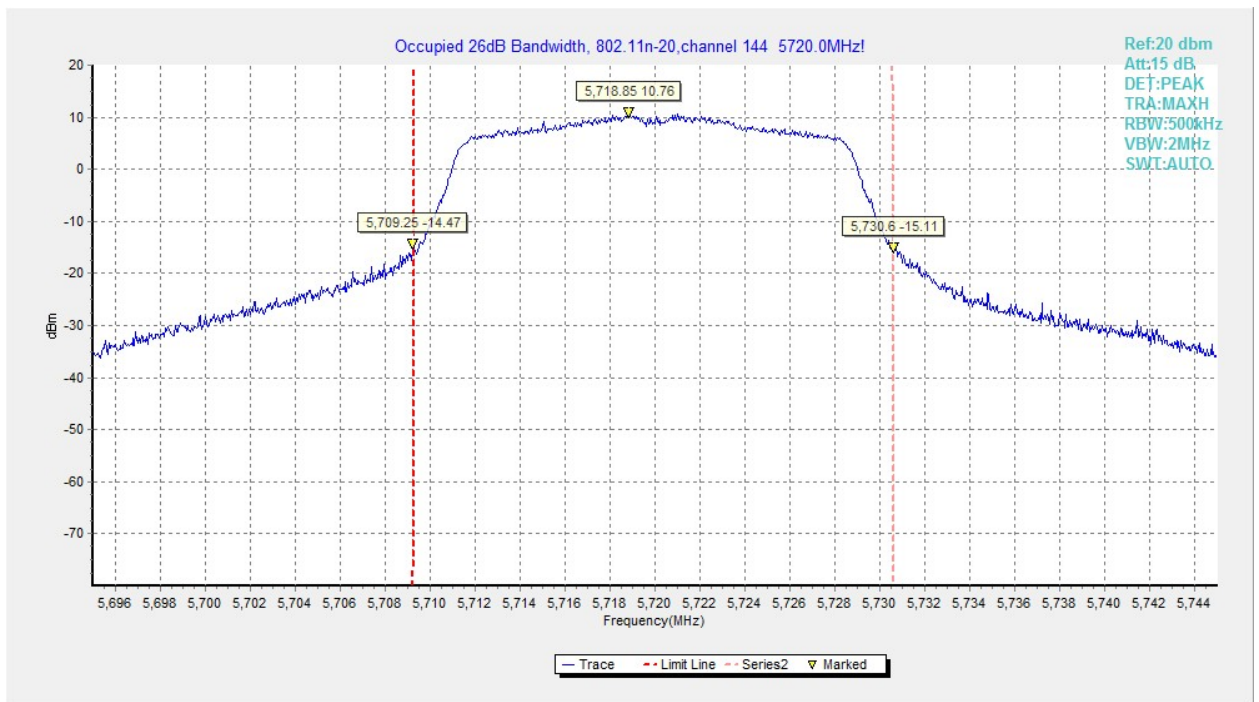
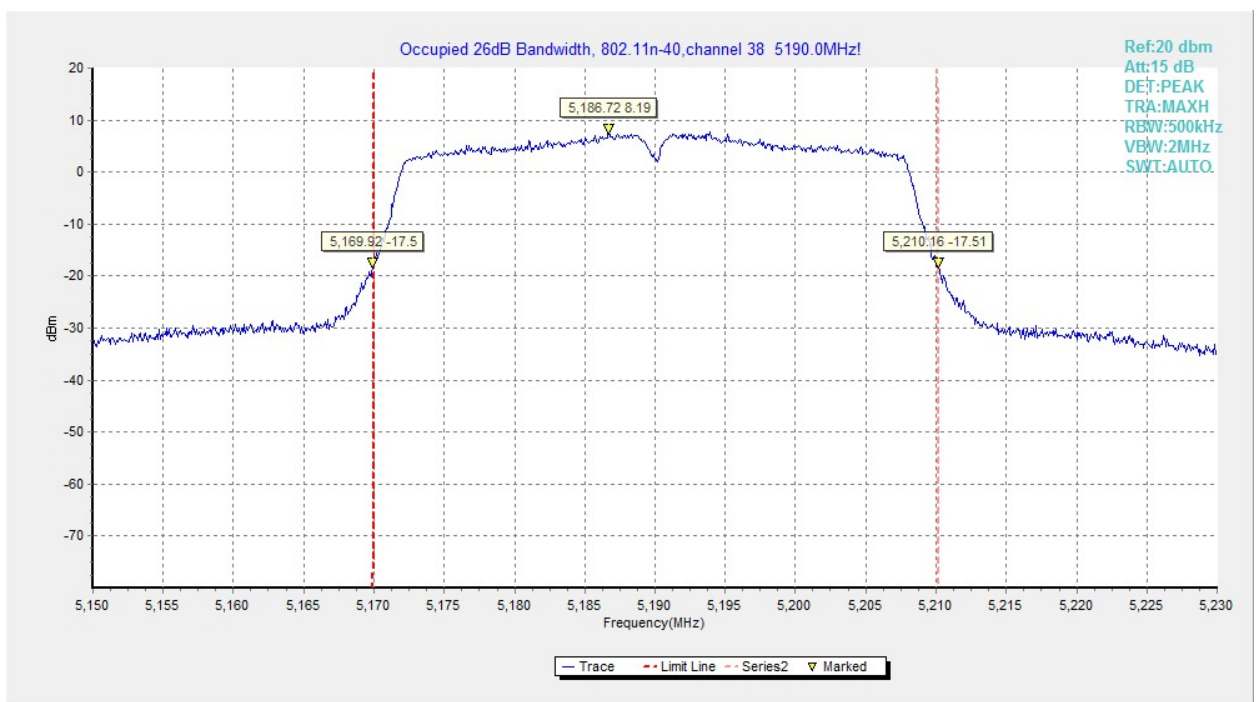


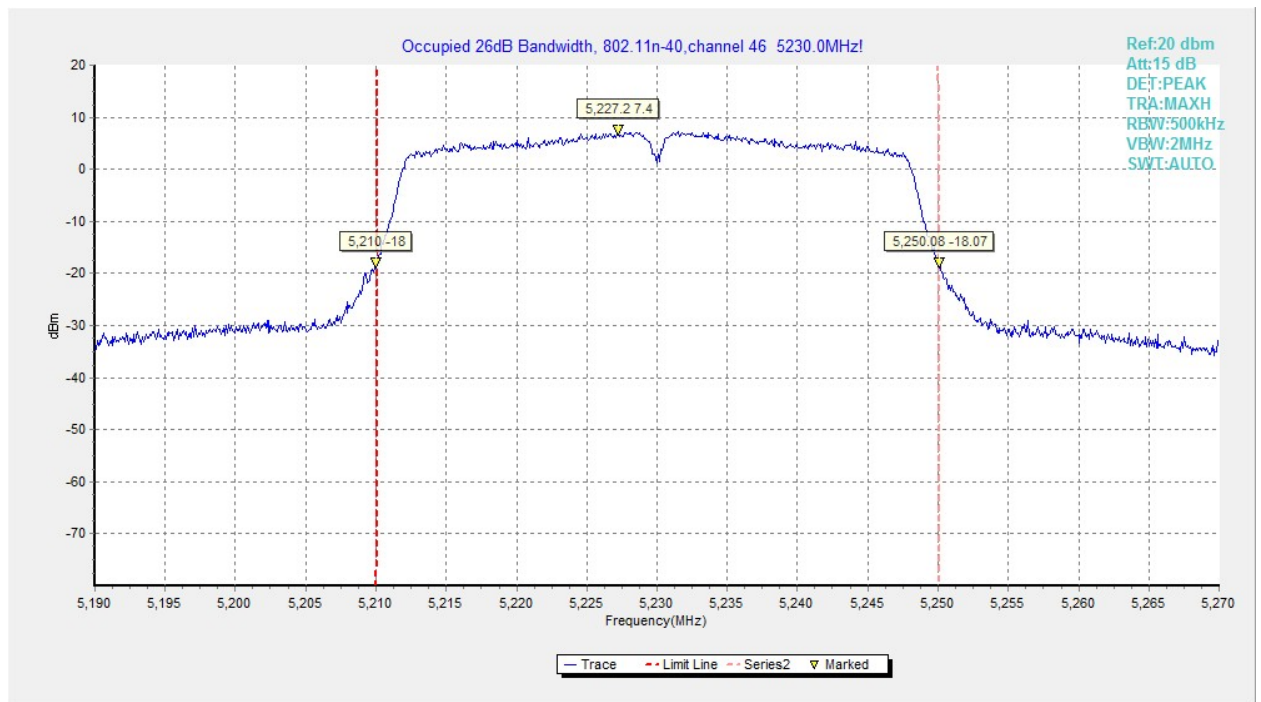
Fig.19 Occupied 26dB Bandwidth (802. 11n-HT20, 5700MHz)



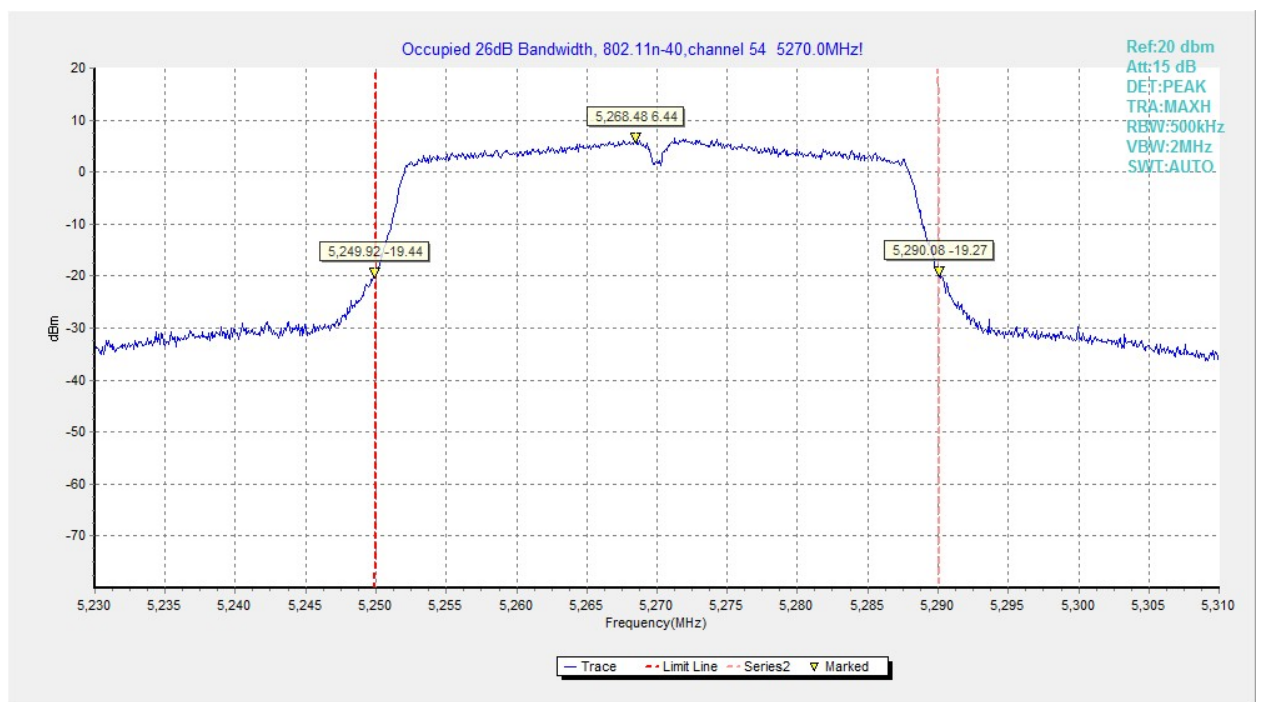
**Fig.20 Occupied 26dB Bandwidth (802. 11n-HT20, 5720MHz)**



**Fig.21 Occupied 26dB Bandwidth (802.11n-HT40, 5190MHz)**



**Fig.22 Occupied 26dB Bandwidth (802.11n-HT40, 5230MHz)**



**Fig.23 Occupied 26dB Bandwidth (802.11n-HT40, 5270MHz)**

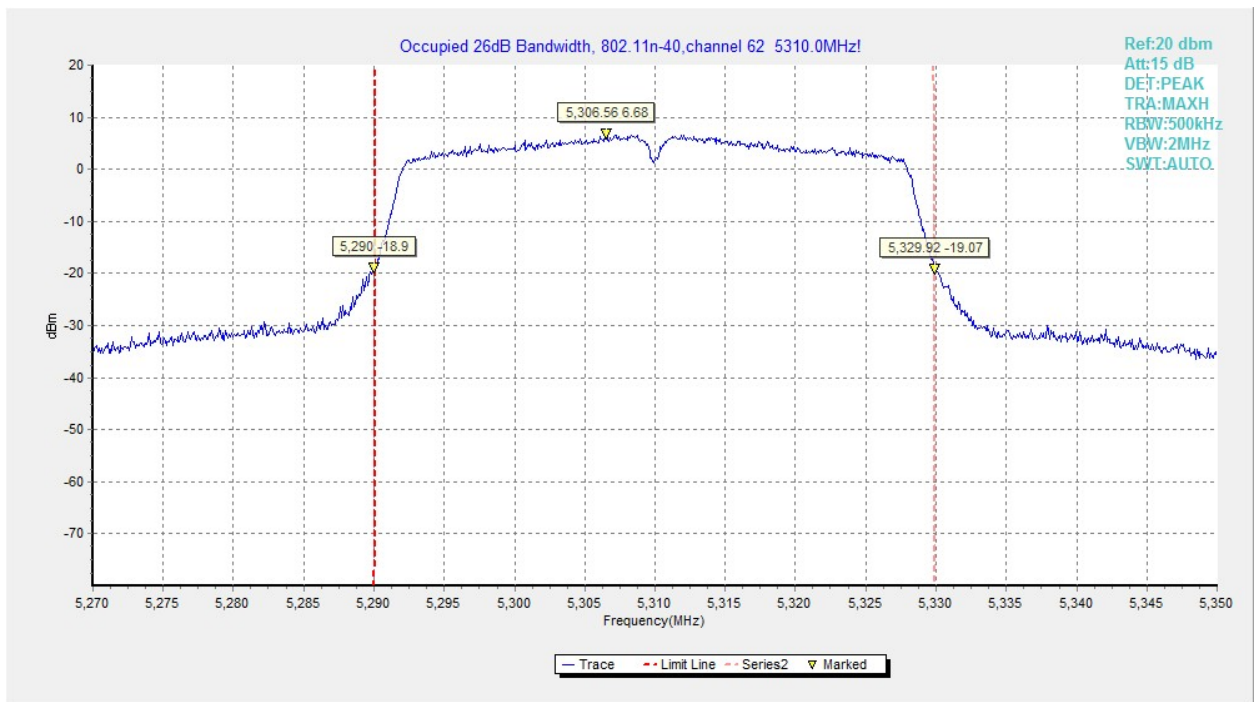


Fig.24 Occupied 26dB Bandwidth (802.11n-HT40, 5310MHz)

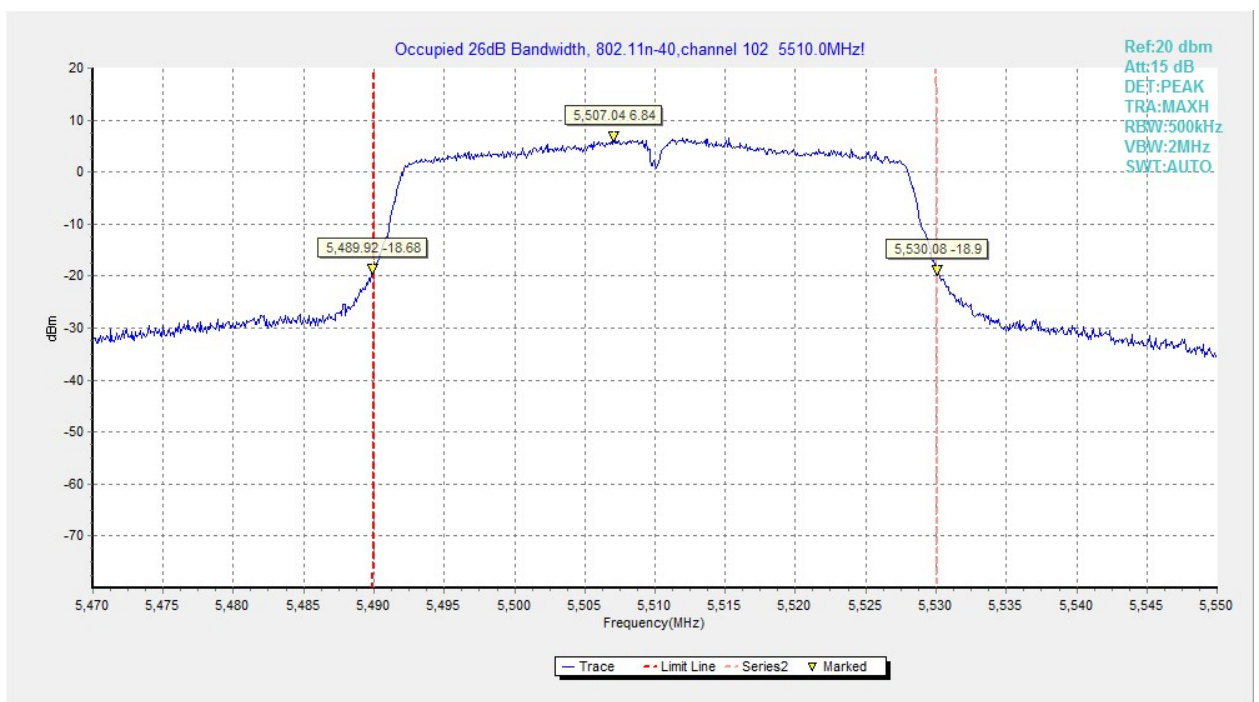


Fig.25 Occupied 26dB Bandwidth (802. 11n-HT40, 5510MHz)



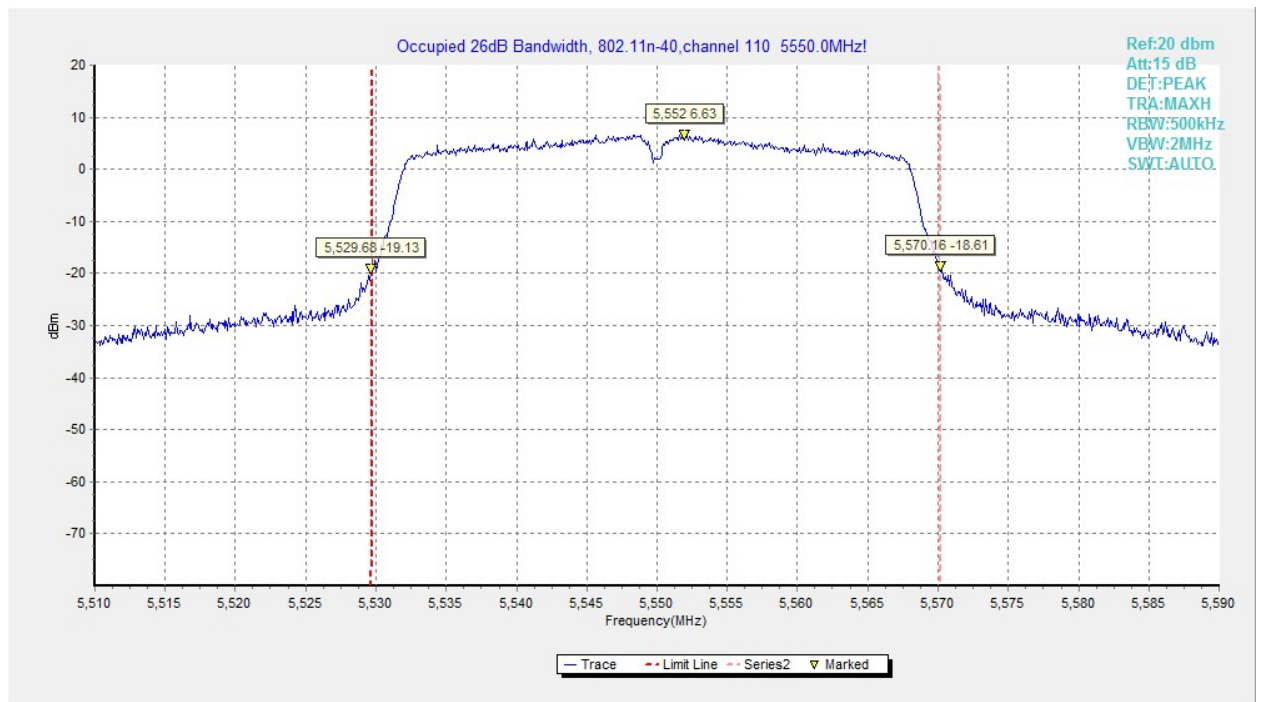


Fig.26 Occupied 26dB Bandwidth (802. 11n-HT40, 5590MHz)

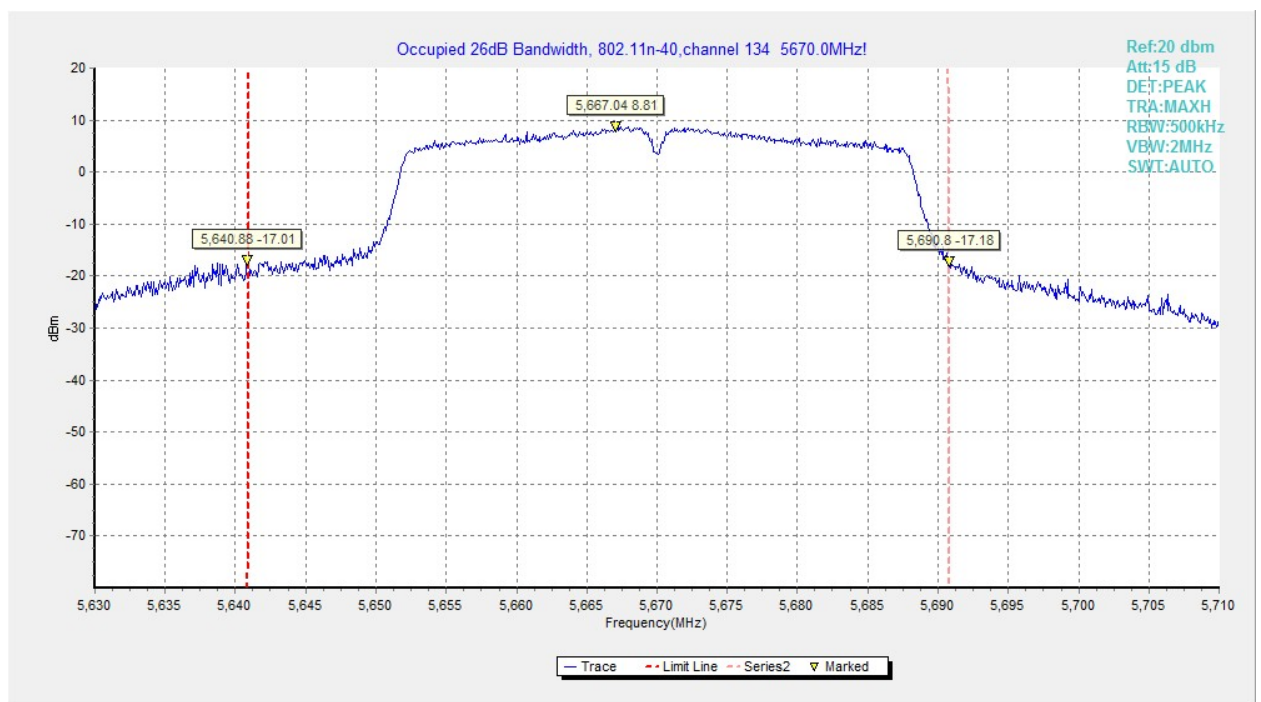
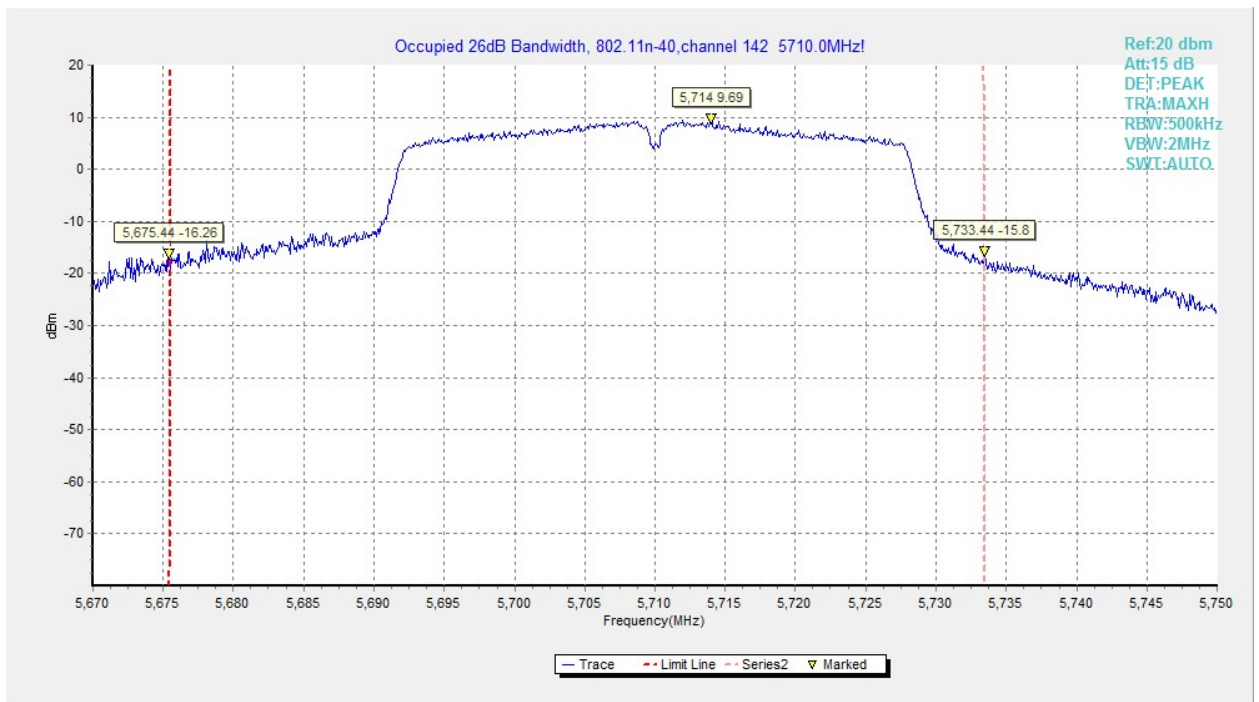
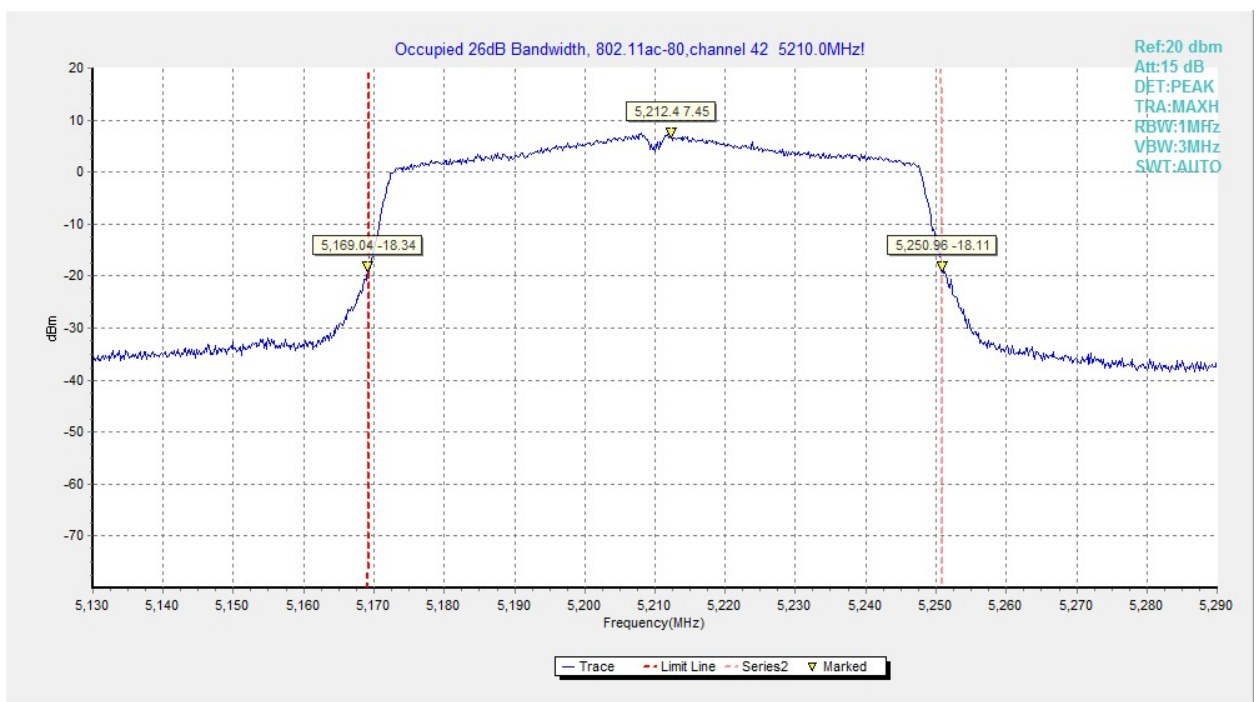


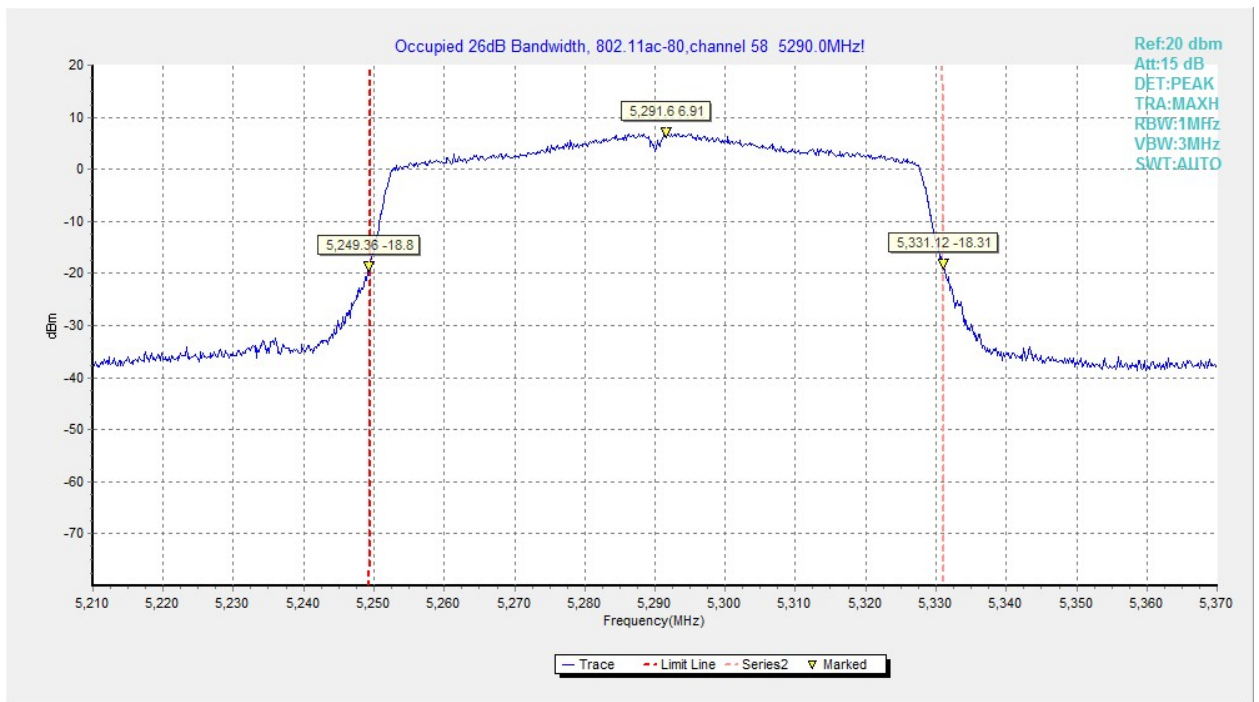
Fig.27 Occupied 26dB Bandwidth (802. 11n-HT40, 5670MHz)



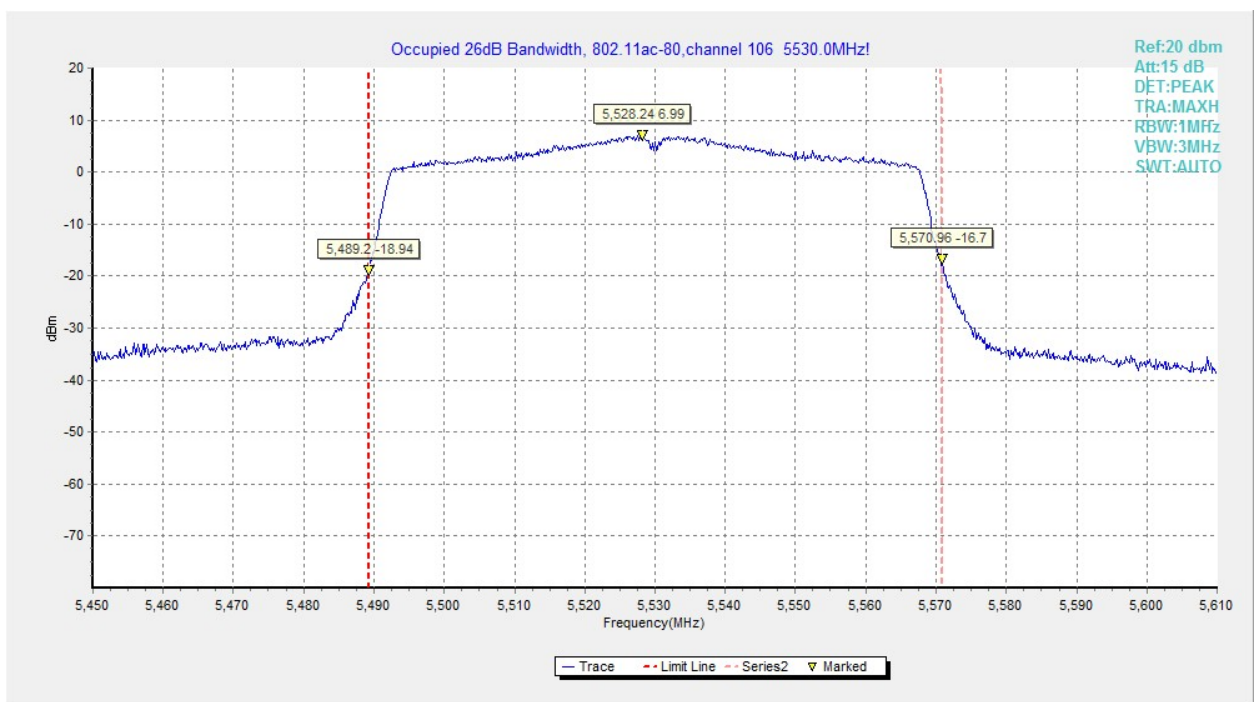
**Fig.28 Occupied 26dB Bandwidth (802. 11n-HT40, 5710MHz)**



**Fig.29 Occupied 26dB Bandwidth (802. 11ac-VHT80, 5210MHz)**



**Fig.30 Occupied 26dB Bandwidth (802. 11ac-VHT80, 5290MHz)**



**Fig.31 Occupied 26dB Bandwidth (802. 11ac-VHT80, 5530MHz)**