

# FCC Test Report

Product Name : Dual-band Wireless-AC1200 USB Adapter  
Trade Name : ASUS  
Model No. : USB-AC53 Nano  
FCC ID. : MSQ-USBACRN00

Applicant : ASUSTeK COMPUTER INC.

Address : 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan

Date of Receipt : Sep. 05, 2016

Issued Date : Dec. 07, 2016

Report No. : 1690125R-RFUSP45V00

Report Version : V1.0



The test results relate only to the samples tested.

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# Test Report Certification

Issued Date: Dec. 07, 2016

Report No. : 1690125R-RFUSP45V00

Quietek

a  DEKRA company

Product Name : Dual-band Wireless-AC1200 USB Adapter  
 Applicant : ASUSTeK COMPUTER INC.  
 Address : 4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan  
 Manufacturer : ASUSTeK COMPUTER INC.  
 Model No. : USB-AC53 Nano  
 FCC ID. : MSQ-USBACRN00  
 EUT Voltage : DC 5V (Power by Notebook PC)  
 Testing Voltage : DC 5V (Power by Notebook PC)  
 Trade Name : ASUS  
 Applicable Standard : FCC CFR Title 47 Part 15 Subpart E Section 15.407: 2015  
 ANSI C63.10: 2013  
 Test Lab : Hsin Chu Laboratory  
 Test Result : Complied

The test results relate only to the samples tested.

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Documented By :



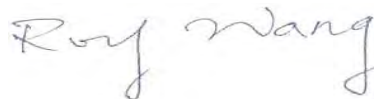
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Tested By :



( Ricky Lee / Engineer )

Approved By :



( Roy Wang / Director )

### Revision History

| Report No.          | Version | Description             | Issued Date   |
|---------------------|---------|-------------------------|---------------|
| 1690125R-RFUSP45V00 | V1.0    | Initial issue of report | Dec. 07, 2016 |
|                     |         |                         |               |
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|                     |         |                         |               |

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|                      |          |                                                                    |
|----------------------|----------|--------------------------------------------------------------------|
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| <b>USA</b>           | <b>:</b> | <b>FCC, Registration Number: 834100</b>                            |
| <b>Canada</b>        | <b>:</b> | <b>IC, Submission No: 181665 / IC Registration Number: 4075C-4</b> |

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The address and introduction of Quietek Corporation's laboratories can be founded in our Web site :

[http://www.quietek.com/index\\_en.aspx](http://www.quietek.com/index_en.aspx)

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## TABLE OF CONTENTS

| Description                                        | Page       |
|----------------------------------------------------|------------|
| <b>1. General Information.....</b>                 | <b>7</b>   |
| 1.1. EUT Description .....                         | 7          |
| 1.2. Test Mode.....                                | 12         |
| 1.3. System Details .....                          | 13         |
| 1.4. Configuration of tested System .....          | 13         |
| 1.5. EUT Exercise Software .....                   | 13         |
| 1.6. Test Facility .....                           | 14         |
| <b>2. Conducted Emission .....</b>                 | <b>15</b>  |
| 2.1. Test Equipment .....                          | 15         |
| 2.2. Test Setup .....                              | 15         |
| 2.3. Limits .....                                  | 16         |
| 2.4. Test Procedure .....                          | 16         |
| 2.5. Test Specification .....                      | 16         |
| 2.6. Uncertainty .....                             | 16         |
| 2.7. Test Result .....                             | 17         |
| <b>3. 99% &amp; 20dB &amp; DTS Bandwidth .....</b> | <b>21</b>  |
| 3.1. Test Equipment .....                          | 21         |
| 3.2. Test Setup .....                              | 21         |
| 3.3. Limits .....                                  | 22         |
| 3.4. Test Procedure .....                          | 22         |
| 3.5. Uncertainty .....                             | 22         |
| 3.6. Test Result .....                             | 23         |
| <b>4. Peak Transmit power .....</b>                | <b>68</b>  |
| 4.1. Test Equipment .....                          | 68         |
| 4.2. Test Setup .....                              | 68         |
| 4.3. Limits .....                                  | 69         |
| 4.4. Test Procedure .....                          | 69         |
| 4.5. Uncertainty .....                             | 69         |
| 4.6. Test Result .....                             | 70         |
| <b>5. Peak Power Spectrum Density .....</b>        | <b>112</b> |
| 5.1. Test Equipment .....                          | 112        |
| 5.2. Test Setup .....                              | 112        |
| 5.3. Limits .....                                  | 113        |
| 5.4. Test Procedure .....                          | 113        |

|                               |                                 |            |
|-------------------------------|---------------------------------|------------|
| 5.5.                          | Uncertainty .....               | 113        |
| 5.6.                          | Test Result .....               | 114        |
| <b>6.</b>                     | <b>Radiated Emission.....</b>   | <b>150</b> |
| 6.1.                          | Test Equipment .....            | 150        |
| 6.2.                          | Test Setup .....                | 151        |
| 6.3.                          | Limits .....                    | 152        |
| 6.4.                          | Test Procedure .....            | 153        |
| 6.5.                          | Uncertainty .....               | 153        |
| 6.6.                          | Test Result .....               | 154        |
| <b>7.</b>                     | <b>Band Edge .....</b>          | <b>236</b> |
| 7.1.                          | Test Equipment .....            | 236        |
| 7.2.                          | Test Setup .....                | 236        |
| 7.3.                          | Limits .....                    | 237        |
| 7.4.                          | Test Procedure .....            | 239        |
| 7.5.                          | Uncertainty .....               | 239        |
| 7.6.                          | Test Result .....               | 240        |
| <b>8.</b>                     | <b>Frequency Stability.....</b> | <b>337</b> |
| 8.1.                          | Test Equipment .....            | 337        |
| 8.2.                          | Test Setup .....                | 337        |
| 8.3.                          | Limits .....                    | 337        |
| 8.4.                          | Test Procedure .....            | 337        |
| 8.5.                          | Uncertainty .....               | 337        |
| 8.6.                          | Test Result .....               | 338        |
| Attachment 1 .....            |                                 | 350        |
| Test Setup Photograph.....    |                                 | 350        |
| Attachment 2 .....            |                                 | 355        |
| EUT External Photograph ..... |                                 | 355        |
| Attachment 3 .....            |                                 | 357        |
| EUT Internal Photograph ..... |                                 | 357        |

## 1. General Information

### 1.1. EUT Description

|                                    |                                       |                                                                                          |
|------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------|
| Product Name                       | Dual-band Wireless-AC1200 USB Adapter |                                                                                          |
| Trade Name                         | ASUS                                  |                                                                                          |
| Model No.                          | USB-AC53 Nano                         |                                                                                          |
| Frequency Range/<br>Channel Number | IEEE 802.11a/                         | 5180~5240MHz / 4 Channels                                                                |
|                                    | IEEE 802.11n (20MHz) /                | 5745~5825MHz / 5 Channels                                                                |
|                                    | IEEE 802.11ac (20MHz)                 |                                                                                          |
|                                    | IEEE 802.11n (40MHz) /                | 5190~5230MHz / 2 Channels                                                                |
|                                    | IEEE 802.11ac (40MHz)                 | 5755~5795MHz / 2 Channels                                                                |
|                                    | IEEE 802.11ac (80MHz)                 | 5210~5210MHz / 1 Channel<br>5775~5775MHz / 1 Channel                                     |
| Type of Modulation                 | IEEE 802.11a/n/ac                     | Orthogonal Frequency Division Multiplexing (OFDM)                                        |
| Data Speed                         | IEEE 802.11a                          | 6, 9, 18, 24, 36, 48, 54Mbps                                                             |
|                                    | IEEE 802.11n                          | Support a subset of the combination of GI, MCS 0~MCS 15 and bandwidth defined in 802.11n |
|                                    | IEEE 802.11ac                         | Support a subset of the combination of GI, MCS 0~MCS 9 and bandwidth defined in 802.11ac |

| Antenna Information |                  |
|---------------------|------------------|
| Antenna Type        | Monopole         |
| Antenna Gain        | 5.2GHz : 0.08dBi |
|                     | 5.8GHz : 1.7dBi  |

## ANT-TX / RX & Bandwidth

| ANT-TX / RX             | TX    |       |       | RX    |       |       |
|-------------------------|-------|-------|-------|-------|-------|-------|
| Mode/ Channel Bandwidth | 20MHz | 40MHz | 80MHz | 20MHz | 40MHz | 80MHz |
| IEEE802.11a             | ✓     |       |       | ✓     |       |       |
| IEEE802.11n             | ✓     | ✓     |       | ✓     | ✓     |       |
| IEEE802.11ac            | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |



## IEEE 802.11n

| MCS Index | Modulation | R   | N <sub>BPSCS</sub> | N <sub>CBPS</sub> |       | N <sub>DBPS</sub> |       | Data Rate(Mb/s) |       |          |       |
|-----------|------------|-----|--------------------|-------------------|-------|-------------------|-------|-----------------|-------|----------|-------|
|           |            |     |                    | 20MHz             | 40MHz | 20MHz             | 40MHz | 800ns GI        |       | 400ns GI |       |
|           |            |     |                    |                   |       |                   |       | 20MHz           | 40MHz | 20MHz    | 40MHz |
| 0         | BPSK       | 1/2 | 1                  | 52                | 108   | 26                | 54    | 6.5             | 13.5  | 7.2      | 15.0  |
| 1         | QPSK       | 1/2 | 2                  | 104               | 216   | 52                | 108   | 13.0            | 27.0  | 14.4     | 30.0  |
| 2         | QPSK       | 3/4 | 2                  | 104               | 216   | 78                | 162   | 19.5            | 40.5  | 21.7     | 45.0  |
| 3         | 16-QAM     | 1/2 | 4                  | 208               | 432   | 104               | 216   | 26.0            | 54.0  | 28.9     | 60.0  |
| 4         | 16-QAM     | 3/4 | 4                  | 208               | 432   | 156               | 324   | 39.0            | 81.0  | 43.3     | 90.0  |
| 5         | 64-QAM     | 2/3 | 6                  | 312               | 648   | 208               | 432   | 52.0            | 108.0 | 57.8     | 120.0 |
| 6         | 64-QAM     | 3/4 | 6                  | 312               | 648   | 234               | 486   | 58.5            | 121.5 | 65.0     | 135.0 |
| 7         | 64-QAM     | 5/6 | 6                  | 312               | 648   | 260               | 540   | 65.0            | 135.0 | 72.2     | 150.0 |

Note 1: Support of 400ns GI is optional on transmit and receive.

Table 1 – MCS parameters for TX Antenna number = 1

| MCS Index | Modulation | R   | N <sub>BPSCS</sub> | N <sub>CBPS</sub> |       | N <sub>DBPS</sub> |       | Data Rate(Mb/s) |       |          |       |
|-----------|------------|-----|--------------------|-------------------|-------|-------------------|-------|-----------------|-------|----------|-------|
|           |            |     |                    | 20MHz             | 40MHz | 20MHz             | 40MHz | 800ns GI        |       | 400ns GI |       |
|           |            |     |                    |                   |       |                   |       | 20MHz           | 40MHz | 20MHz    | 40MHz |
| 8         | BPSK       | 1/2 | 1                  | 104               | 216   | 52                | 108   | 13.0            | 27.0  | 14.4     | 30.0  |
| 9         | QPSK       | 1/2 | 2                  | 208               | 432   | 104               | 216   | 26.0            | 54.0  | 28.9     | 60.0  |
| 10        | QPSK       | 3/4 | 2                  | 208               | 432   | 156               | 324   | 39.0            | 81.0  | 43.3     | 90.0  |
| 11        | 16-QAM     | 1/2 | 4                  | 416               | 864   | 208               | 432   | 52.0            | 108.0 | 57.8     | 120.0 |
| 12        | 16-QAM     | 3/4 | 4                  | 416               | 864   | 312               | 648   | 78.0            | 162.0 | 86.7     | 180.0 |
| 13        | 64-QAM     | 2/3 | 6                  | 624               | 1296  | 416               | 864   | 104.0           | 216.0 | 115.6    | 240.0 |
| 14        | 64-QAM     | 3/4 | 6                  | 624               | 1296  | 468               | 972   | 117.0           | 243.0 | 130.0    | 270.0 |
| 15        | 64-QAM     | 5/6 | 6                  | 624               | 1296  | 520               | 1080  | 130.0           | 270.0 | 144.4    | 300.0 |

Note 1: Support of 400ns GI is optional on transmit and receive.

Table 2 – MCS parameters for TX Antenna number = 2

| Symbol            | Explanation                             |
|-------------------|-----------------------------------------|
| R                 | Code rate                               |
| N <sub>BPSC</sub> | Number of coded bits per single carrier |
| N <sub>CBPS</sub> | Number of coded bits per symbol         |
| N <sub>DBPS</sub> | Number of data bits per symbol          |
| GI                | guard interval                          |

## IEEE 802.11ac Data Rate

| Spatial Streams<br>(Note1) | MCS Index | Modulation type | Coding rate | Data Rate(Mb/s) |       |                |       |                |       |                |        |
|----------------------------|-----------|-----------------|-------------|-----------------|-------|----------------|-------|----------------|-------|----------------|--------|
|                            |           |                 |             | 20 MHz          |       | 40 MHz         |       | 80 MHz         |       | 160 MHz        |        |
|                            |           |                 |             | Guard Interval  |       | Guard Interval |       | Guard Interval |       | Guard Interval |        |
|                            |           |                 |             | 800ns           | 400ns | 800ns          | 400ns | 800ns          | 400ns | 800ns          | 400ns  |
| 1                          | 0         | BPSK            | 1/2         | 6.5             | 7.2   | 13.5           | 15    | 29.3           | 32.5  | 58.5           | 65     |
|                            | 1         | QPSK            | 1/2         | 13              | 14.4  | 27             | 30    | 58.5           | 65    | 117            | 130    |
|                            | 2         | QPSK            | 3/4         | 19.5            | 21.7  | 40.5           | 45    | 87.8           | 97.5  | 175.5          | 195    |
|                            | 3         | 16-QAM          | 1/2         | 26              | 28.9  | 54             | 60    | 117            | 130   | 234            | 260    |
|                            | 4         | 16-QAM          | 3/4         | 39              | 43.3  | 81             | 90    | 175.5          | 195   | 351            | 390    |
|                            | 5         | 64-QAM          | 2/3         | 52              | 57.8  | 108            | 120   | 234            | 260   | 468            | 520    |
|                            | 6         | 64-QAM          | 3/4         | 58.5            | 65    | 121.5          | 135   | 263.3          | 292.5 | 526.5          | 585    |
|                            | 7         | 64-QAM          | 5/6         | 65              | 72.2  | 135            | 150   | 292.5          | 325   | 585            | 650    |
|                            | 8         | 256-QAM         | 3/4         | 78              | 86.7  | 162            | 180   | 351            | 390   | 702            | 780    |
|                            | 9         | 256-QAM         | 5/6         | N/A             | N/A   | 180            | 200   | 390            | 433.3 | 780            | 866.7  |
| 2                          | 0         | BPSK            | 1/2         | 13              | 14.4  | 27             | 30    | 58.6           | 65    | 117            | 130    |
|                            | 1         | QPSK            | 1/2         | 26              | 28.8  | 54             | 60    | 117            | 130   | 234            | 260    |
|                            | 2         | QPSK            | 3/4         | 39              | 43.4  | 81             | 90    | 175.6          | 195   | 351            | 390    |
|                            | 3         | 16-QAM          | 1/2         | 52              | 57.8  | 108            | 120   | 234            | 260   | 468            | 520    |
|                            | 4         | 16-QAM          | 3/4         | 78              | 86.6  | 162            | 180   | 351            | 390   | 702            | 780    |
|                            | 5         | 64-QAM          | 2/3         | 104             | 115.6 | 216            | 240   | 468            | 520   | 936            | 1040   |
|                            | 6         | 64-QAM          | 3/4         | 117             | 130   | 243            | 270   | 526.6          | 585   | 1053           | 1170   |
|                            | 7         | 64-QAM          | 5/6         | 130             | 144.4 | 270            | 300   | 585            | 650   | 1170           | 1300   |
|                            | 8         | 256-QAM         | 3/4         | 156             | 173.4 | 324            | 360   | 702            | 780   | 1404           | 1560   |
|                            | 9         | 256-QAM         | 5/6         | N/A             | N/A   | 360            | 400   | 780            | 866.6 | 1560           | 1733.4 |

IEEE 802.11a & IEEE 802.11n (20MHz) & IEEE 802.11ac (20MHz)

| Working Frequency of Each Channel |           |         |           |         |           |         |           |
|-----------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|
| Channel                           | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
| 36                                | 5180MHz   | 40      | 5200MHz   | 44      | 5220MHz   | 48      | 5240MHz   |
| 149                               | 5745 MHz  | 153     | 5765 MHz  | 157     | 5785 MHz  | 161     | 5805 MHz  |
| 165                               | 5825 MHz  |         |           |         |           |         |           |

IEEE 802.11n (40MHz)&IEEE 802.11ac (40MHz)

| Working Frequency of Each Channel |           |         |           |         |           |         |           |
|-----------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|
| Channel                           | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
| 38                                | 5190 MHz  | 46      | 5230 MHz  | 151     | 5755 MHz  | 159     | 5795 MHz  |

IEEE 802.11ac (80MHz)

| Working Frequency of Each Channel |           |
|-----------------------------------|-----------|
| Channel                           | Frequency |
| 42                                | 5210 MHz  |
| 155                               | 5775 MHz  |

Note:

1. This device is a Dual-band Wireless-AC1200 USB Adapter including 2.4GHz b/g/n(2x2) and 5GHz a/n/ac (2x2) transmitting and receiving function.
2. Regards to the frequency band operation; the lowest , middle and highest frequency of channel were selected to perform the test, and then shown on this report.
3. The function of the 2.4GHz transmitting is measured and makes a test report of the number: 1690125R-RFUSP27V00.
4. This device is a composite device in accordance with Part 15 regulations. The receiving function was tested and its number is 1690125R-RFUSP01V00.

## 1.2. Test Mode

Quietek has verified the construction and function in typical operation. The preliminary tests were performed in different data rate, and to find the worst condition, which was shown in this test report. The following table is the final test mode.

|    |                                                         |
|----|---------------------------------------------------------|
| TX | Mode 1: Transmit_SISO Mode<br>Mode 2: Transmit_CDD Mode |
|----|---------------------------------------------------------|

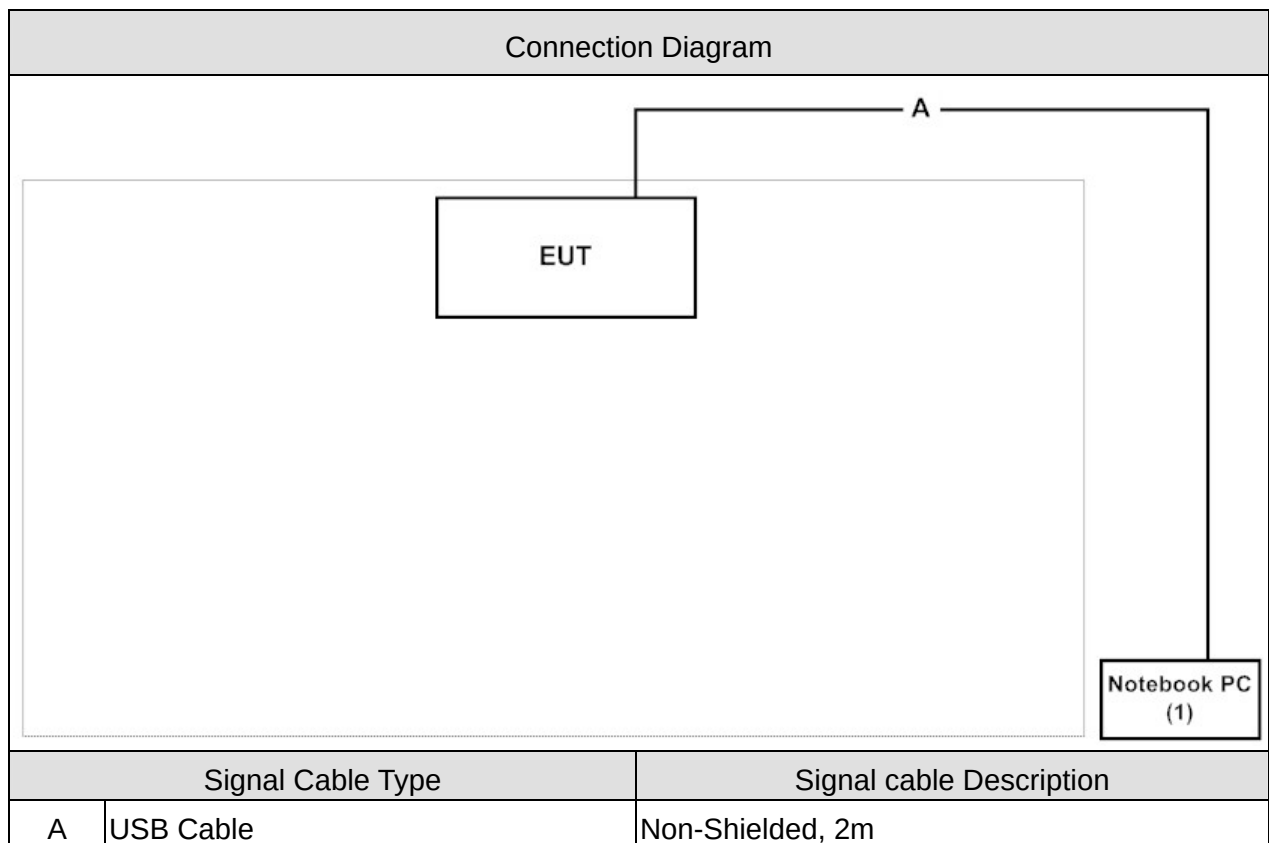
| Test Items                     | Modulation     | Channel              | Antenna | Result   |
|--------------------------------|----------------|----------------------|---------|----------|
| Conducted Emission             | 11ac (80MHz)   | 42/155               | 0+1     | Complies |
| 99% & 20dB &<br>DTS Bandwidth  | a              | 36/44/48/149/157/165 | 0       | Complies |
|                                | 11n/ac (20MHz) | 36/44/48/149/157/165 | 0/1     | Complies |
|                                | 11n/ac (40MHz) | 38/46/151/159        | 0/1     | Complies |
|                                | 11ac (80MHz)   | 42/155               | 0/1     | Complies |
| Peak Transmit Output           | a              | 36/44/48/149/157/165 | 0       | Complies |
|                                | 11n/ac (20MHz) | 36/44/48/149/157/165 | 0+1     | Complies |
|                                | 11n/ac (40MHz) | 38/46/151/159        | 0+1     | Complies |
|                                | 11ac (80MHz)   | 42/155               | 0+1     | Complies |
| Peak Power Spectrum<br>Density | a              | 36/44/48/149/157/165 | 0       | Complies |
|                                | 11n/ac (20MHz) | 36/44/48/149/157/165 | 0+1     | Complies |
|                                | 11n/ac (40MHz) | 38/46/151/159        | 0+1     | Complies |
|                                | 11ac (80MHz)   | 42/155               | 0+1     | Complies |
| Radiated Emission              | a              | 36/44/48/149/157/165 | 0       | Complies |
|                                | 11n/ac (20MHz) | 36/44/48/149/157/165 | 0+1     | Complies |
|                                | 11n/ac (40MHz) | 38/46/151/159        | 0+1     | Complies |
|                                | 11ac (80MHz)   | 42/155               | 0+1     | Complies |
| Band Edge                      | a              | 36/44/48/149/157/165 | 0       | Complies |
|                                | 11n/ac (20MHz) | 36/44/48/149/157/165 | 0+1     | Complies |
|                                | 11n/ac (40MHz) | 38/46/151/159        | 0+1     | Complies |
|                                | 11ac (80MHz)   | 42/155               | 0+1     | Complies |
| Frequency Stability            | a              | 36/44/48/149/157/165 | 0       | Complies |
|                                | 11n/ac (20MHz) | 36/44/48/149/157/165 | 0/1     | Complies |
|                                | 11n/ac (40MHz) | 38/46/151/159        | 0/1     | Complies |
|                                | 11ac (80MHz)   | 42/155               | 0/1     | Complies |

### 1.3. System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

| Product       | Manufacturer | Model No. | Serial No.          | FCC ID | Power Cord                                     |
|---------------|--------------|-----------|---------------------|--------|------------------------------------------------|
| 1 Notebook PC | ASUS         | X522EP    | E5N0CV04<br>3264197 | DoC    | Non-Shielded, 1.8m,<br>one ferrite core bonded |

### 1.4. Configuration of tested System



### 1.5. EUT Exercise Software

|   |                                                               |
|---|---------------------------------------------------------------|
| 1 | Setup the EUT as shown in Section 1.4.                        |
| 2 | Execute the test software 8822 BU.                            |
| 3 | Configure the test mode, the test channel, and the data rate. |
| 4 | Press "Start TX" to start the continuous transmitting.        |
| 5 | Verify that the EUT works properly.                           |

## 1.6. Test Facility

Ambient conditions in the laboratory:

| Items                      | Test Item                                              | Required (IEC 68-1) | Actual   |
|----------------------------|--------------------------------------------------------|---------------------|----------|
| Temperature (°C)           | FCC PART 15 E 15.407<br>Conducted Emission             | 15 - 35             | 20°C     |
| Humidity (%RH)             |                                                        | 25 - 75             | 50%RH    |
| Barometric pressure (mbar) |                                                        | 860 - 1060          | 950-1000 |
| Temperature (°C)           | FCC PART 15 E 15.407<br>99% & 20dB & DTS<br>Bandwidth  | 15 - 35             | 25°C     |
| Humidity (%RH)             |                                                        | 25 - 75             | 45%RH    |
| Barometric pressure (mbar) |                                                        | 860 - 1060          | 950-1000 |
| Temperature (°C)           | FCC PART 15 E 15.407<br>Peak Transmit Power            | 15 - 35             | 25°C     |
| Humidity (%RH)             |                                                        | 25 - 75             | 65%RH    |
| Barometric pressure (mbar) |                                                        | 860 - 1060          | 950-1000 |
| Temperature (°C)           | FCC PART 15 E 15.407<br>Peak Power Spectrum<br>Density | 15 - 35             | 25°C     |
| Humidity (%RH)             |                                                        | 25 - 75             | 45%RH    |
| Barometric pressure (mbar) |                                                        | 860 - 1060          | 950-1000 |
| Temperature (°C)           | FCC PART 15 E 15.407<br>Radiated Emission              | 15 - 35             | 25°C     |
| Humidity (%RH)             |                                                        | 25 - 75             | 45%RH    |
| Barometric pressure (mbar) |                                                        | 860 - 1060          | 950-1000 |
| Temperature (°C)           | FCC PART 15 E 15.407<br>Band Edge                      | 15 - 35             | 25°C     |
| Humidity (%RH)             |                                                        | 25 - 75             | 45%RH    |
| Barometric pressure (mbar) |                                                        | 860 - 1060          | 950-1000 |
| Temperature (°C)           | FCC PART 15 E 15.407<br>Frequency Stability            | 15 - 35             | 25°C     |
| Humidity (%RH)             |                                                        | 25 - 75             | 45%RH    |
| Barometric pressure (mbar) |                                                        | 860 - 1060          | 950-1000 |

## 2. Conducted Emission

## 2.1. Test Equipment

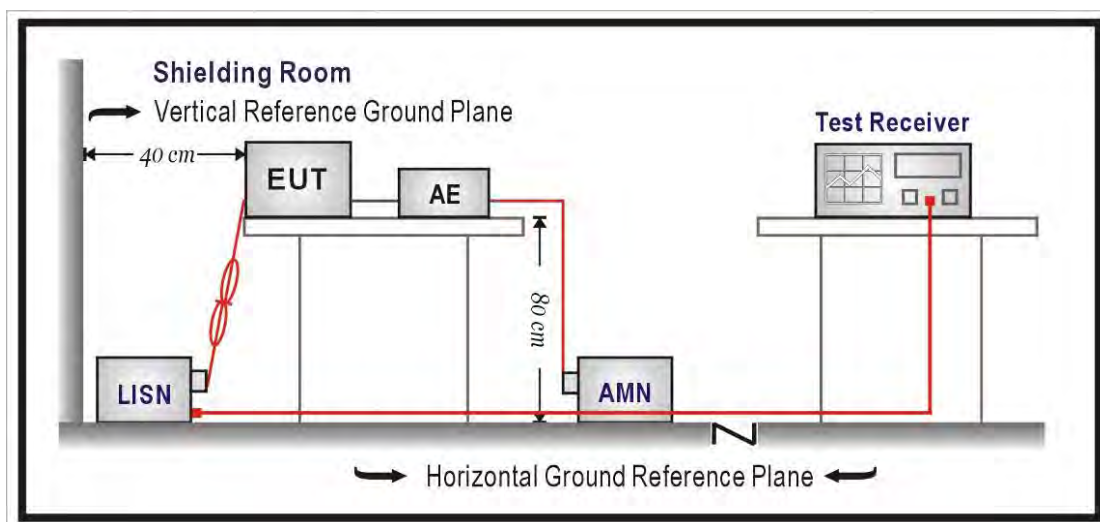
The following test equipments are used during the test:

## Conducted Emission / SR2

| Instrument               | Manufacturer | Model No. | Serial No  | Next Cal. Date |
|--------------------------|--------------|-----------|------------|----------------|
| Artificial Mains Network | R&S          | ENV4200   | 848411/010 | 2017/01/20     |
| LISN                     | R&S          | ENV216    | 100092     | 2017/08/16     |
| Test Receiver            | R&S          | ESCS 30   | 825442/014 | 2017/06/29     |

Note: All equipments that need to calibrate are with calibration period of 1 year.

## 2.2. Test Setup



### 2.3. Limits

| FCC Part 15 Subpart C Paragraph 15.207 Limits (dBuV) |       |       |
|------------------------------------------------------|-------|-------|
| Frequency<br>MHz                                     | QP    | AV    |
| 0.15 - 0.50                                          | 66-56 | 56-46 |
| 0.50 - 5.0                                           | 56    | 46    |
| 5.0 - 30                                             | 60    | 50    |

Remark: In the above table, the tighter limit applies at the band edges.

### 2.4. Test Procedure

The EUT was setup according to ANSI C63.10:2013. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.)

Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

### 2.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.207: 2015

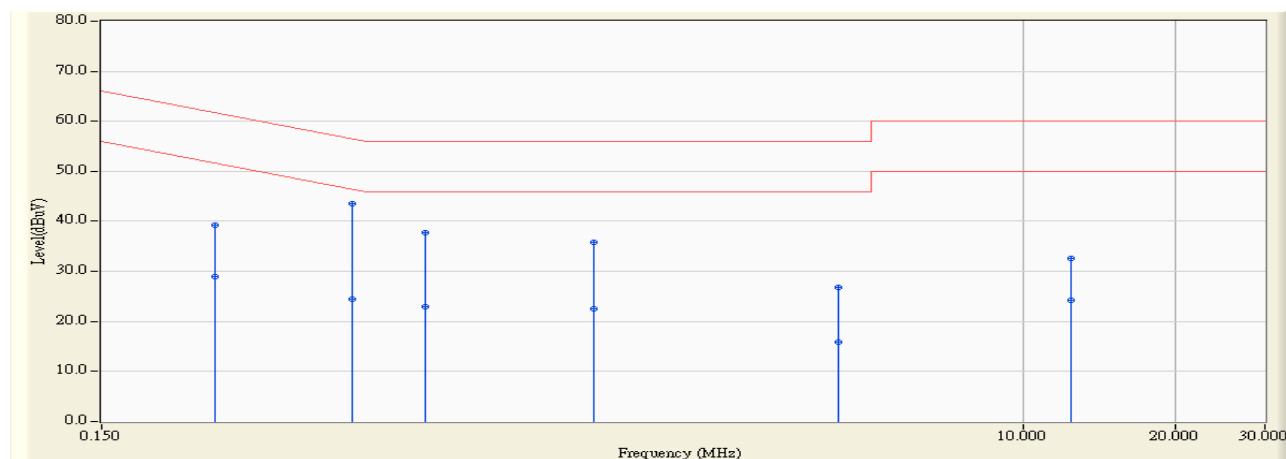
### 2.6. Uncertainty

The measurement uncertainty is defined as  $\pm 2.26$  dB.



## 2.7. Test Result

|                                             |                                                        |
|---------------------------------------------|--------------------------------------------------------|
| Site : SR2                                  | Time : 2016/12/02 - 14:58                              |
| Limit : CISPR_B_00M_QP                      | Margin : 10                                            |
| Probe : SR2_LISN(16A)-6_0817 - Line1        | Power : DC 5V (Power by Notebook PC)                   |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac80 5210MHz |

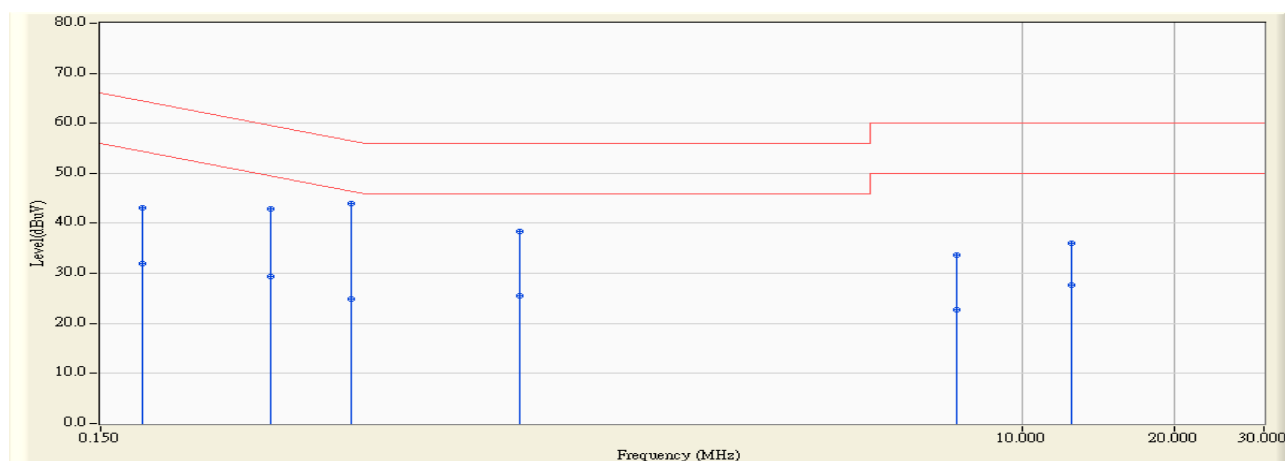


|    |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV) | Margin<br>(dB) | Limit<br>(dBuV) | Detector Type |
|----|---|--------------------|------------------------|-------------------------|-------------------------|----------------|-----------------|---------------|
| 1  |   | 0.252              | 9.572                  | 29.600                  | 39.172                  | -22.533        | 61.705          | QUASPEAK      |
| 2  |   | 0.252              | 9.572                  | 19.470                  | 29.042                  | -22.663        | 51.705          | AVERAGE       |
| 3  | * | 0.470              | 9.581                  | 34.040                  | 43.621                  | -12.887        | 56.508          | QUASPEAK      |
| 4  |   | 0.470              | 9.581                  | 14.850                  | 24.431                  | -22.077        | 46.508          | AVERAGE       |
| 5  |   | 0.654              | 9.584                  | 28.100                  | 37.684                  | -18.316        | 56.000          | QUASPEAK      |
| 6  |   | 0.654              | 9.584                  | 13.380                  | 22.964                  | -23.036        | 46.000          | AVERAGE       |
| 7  |   | 1.408              | 9.594                  | 26.180                  | 35.774                  | -20.226        | 56.000          | QUASPEAK      |
| 8  |   | 1.408              | 9.594                  | 12.990                  | 22.584                  | -23.416        | 46.000          | AVERAGE       |
| 9  |   | 4.287              | 9.613                  | 17.280                  | 26.893                  | -29.107        | 56.000          | QUASPEAK      |
| 10 |   | 4.287              | 9.613                  | 6.310                   | 15.923                  | -30.077        | 46.000          | AVERAGE       |
| 11 |   | 12.404             | 9.935                  | 22.700                  | 32.635                  | -27.365        | 60.000          | QUASPEAK      |
| 12 |   | 12.404             | 9.935                  | 14.380                  | 24.315                  | -25.685        | 50.000          | AVERAGE       |

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|                                             |                                                        |
|---------------------------------------------|--------------------------------------------------------|
| Site : SR2                                  | Time : 2016/12/02 - 14:54                              |
| Limit : CISPR_B_00M_QP                      | Margin : 10                                            |
| Probe : SR2_LISN(16A)-6_0817 - Line2        | Power : DC 5V (Power by Notebook PC)                   |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac80 5210MHz |

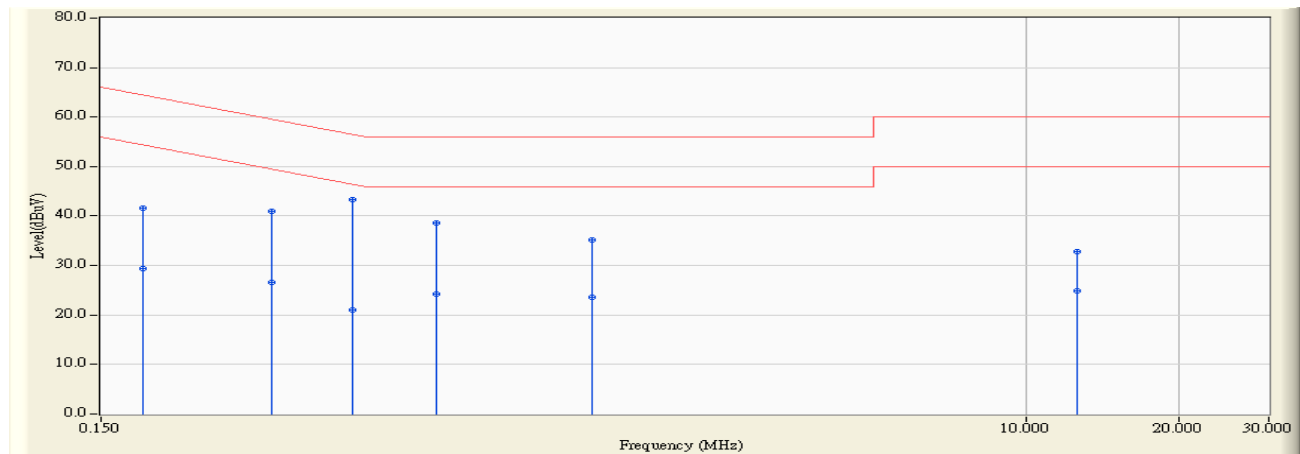


|    |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV) | Margin<br>(dB) | Limit<br>(dBuV) | Detector Type |
|----|---|--------------------|------------------------|-------------------------|-------------------------|----------------|-----------------|---------------|
| 1  |   | 0.181              | 9.570                  | 33.620                  | 43.190                  | -21.238        | 64.428          | QUASIPeAK     |
| 2  |   | 0.181              | 9.570                  | 22.340                  | 31.910                  | -22.518        | 54.428          | AVERAGE       |
| 3  |   | 0.326              | 9.570                  | 33.260                  | 42.830                  | -16.728        | 59.558          | QUASIPeAK     |
| 4  |   | 0.326              | 9.570                  | 19.920                  | 29.490                  | -20.068        | 49.558          | AVERAGE       |
| 5  | * | 0.470              | 9.572                  | 34.500                  | 44.072                  | -12.436        | 56.508          | QUASIPeAK     |
| 6  |   | 0.470              | 9.572                  | 15.350                  | 24.922                  | -21.586        | 46.508          | AVERAGE       |
| 7  |   | 1.013              | 9.590                  | 28.840                  | 38.430                  | -17.570        | 56.000          | QUASIPeAK     |
| 8  |   | 1.013              | 9.590                  | 15.930                  | 25.520                  | -20.480        | 46.000          | AVERAGE       |
| 9  |   | 7.388              | 9.751                  | 23.840                  | 33.591                  | -26.409        | 60.000          | QUASIPeAK     |
| 10 |   | 7.388              | 9.751                  | 12.910                  | 22.661                  | -27.339        | 50.000          | AVERAGE       |
| 11 |   | 12.521             | 9.988                  | 26.020                  | 36.008                  | -23.992        | 60.000          | QUASIPeAK     |
| 12 |   | 12.521             | 9.988                  | 17.580                  | 27.568                  | -22.432        | 50.000          | AVERAGE       |

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|                                             |                                                        |
|---------------------------------------------|--------------------------------------------------------|
| Site : SR2                                  | Time : 2016/12/02 - 15:03                              |
| Limit : CISPR_B_00M_QP                      | Margin : 10                                            |
| Probe : SR2_LISN(16A)-6_0817 - Line1        | Power : DC 5V (Power by Notebook PC)                   |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac80 5775MHz |

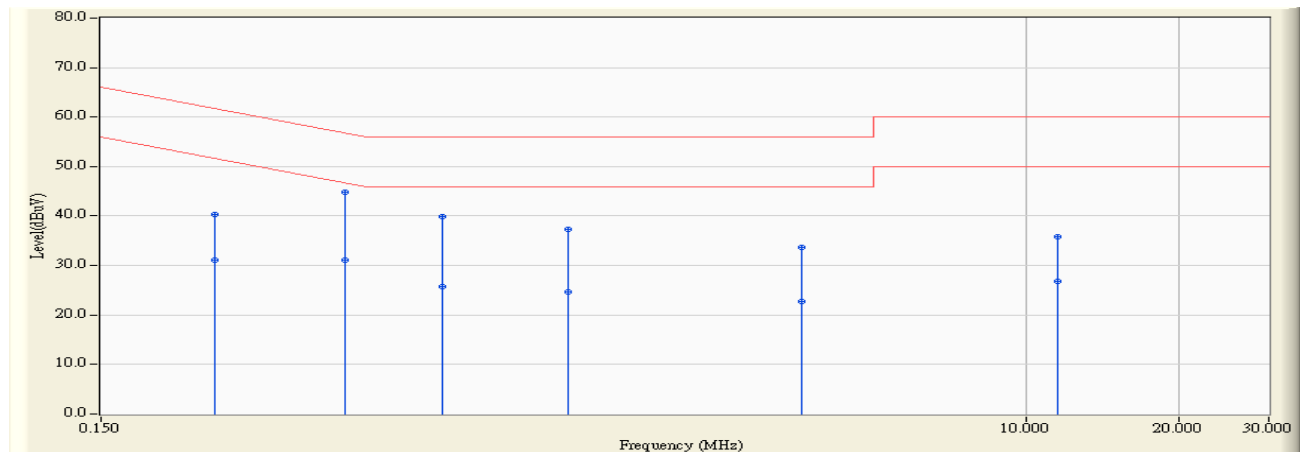


|    |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV) | Margin<br>(dB) | Limit<br>(dBuV) | Detector Type |
|----|---|--------------------|------------------------|-------------------------|-------------------------|----------------|-----------------|---------------|
| 1  |   | 0.181              | 9.574                  | 32.020                  | 41.594                  | -22.834        | 64.428          | QUASIPeAK     |
| 2  |   | 0.181              | 9.574                  | 19.770                  | 29.344                  | -25.084        | 54.428          | AVERAGE       |
| 3  |   | 0.326              | 9.576                  | 31.300                  | 40.876                  | -18.682        | 59.558          | QUASIPeAK     |
| 4  |   | 0.326              | 9.576                  | 17.100                  | 26.676                  | -22.882        | 49.558          | AVERAGE       |
| 5  | * | 0.470              | 9.581                  | 33.680                  | 43.261                  | -13.247        | 56.508          | QUASIPeAK     |
| 6  |   | 0.470              | 9.581                  | 11.520                  | 21.101                  | -25.407        | 46.508          | AVERAGE       |
| 7  |   | 0.689              | 9.585                  | 29.060                  | 38.645                  | -17.355        | 56.000          | QUASIPeAK     |
| 8  |   | 0.689              | 9.585                  | 14.720                  | 24.305                  | -21.695        | 46.000          | AVERAGE       |
| 9  |   | 1.392              | 9.594                  | 25.620                  | 35.214                  | -20.786        | 56.000          | QUASIPeAK     |
| 10 |   | 1.392              | 9.594                  | 14.060                  | 23.654                  | -22.346        | 46.000          | AVERAGE       |
| 11 |   | 12.584             | 9.940                  | 22.940                  | 32.880                  | -27.120        | 60.000          | QUASIPeAK     |
| 12 |   | 12.584             | 9.940                  | 14.850                  | 24.790                  | -25.210        | 50.000          | AVERAGE       |

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|                                             |                                                        |
|---------------------------------------------|--------------------------------------------------------|
| Site : SR2                                  | Time : 2016/12/02 - 15:22                              |
| Limit : CISPR_B_00M_QP                      | Margin : 10                                            |
| Probe : SR2_LISN(16A)-6_0817 - Line2        | Power : DC 5V (Power by Notebook PC)                   |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac80 5775MHz |



|    |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV) | Margin<br>(dB) | Limit<br>(dBuV) | Detector Type |
|----|---|--------------------|------------------------|-------------------------|-------------------------|----------------|-----------------|---------------|
| 1  |   | 0.252              | 9.570                  | 30.840                  | 40.410                  | -21.295        | 61.705          | QUASIPeAK     |
| 2  |   | 0.252              | 9.570                  | 21.610                  | 31.180                  | -20.525        | 51.705          | AVERAGE       |
| 3  | * | 0.455              | 9.572                  | 35.160                  | 44.732                  | -12.057        | 56.789          | QUASIPeAK     |
| 4  |   | 0.455              | 9.572                  | 21.550                  | 31.122                  | -15.667        | 46.789          | AVERAGE       |
| 5  |   | 0.705              | 9.580                  | 30.260                  | 39.840                  | -16.160        | 56.000          | QUASIPeAK     |
| 6  |   | 0.705              | 9.580                  | 16.050                  | 25.630                  | -20.370        | 46.000          | AVERAGE       |
| 7  |   | 1.252              | 9.590                  | 27.720                  | 37.310                  | -18.690        | 56.000          | QUASIPeAK     |
| 8  |   | 1.252              | 9.590                  | 15.160                  | 24.750                  | -21.250        | 46.000          | AVERAGE       |
| 9  |   | 3.607              | 9.606                  | 24.120                  | 33.726                  | -22.274        | 56.000          | QUASIPeAK     |
| 10 |   | 3.607              | 9.606                  | 13.220                  | 22.826                  | -23.174        | 46.000          | AVERAGE       |
| 11 |   | 11.521             | 9.949                  | 25.920                  | 35.869                  | -24.131        | 60.000          | QUASIPeAK     |
| 12 |   | 11.521             | 9.949                  | 16.950                  | 26.899                  | -23.101        | 50.000          | AVERAGE       |

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

### 3. 99% & 20dB & DTS Bandwidth

#### 3.1. Test Equipment

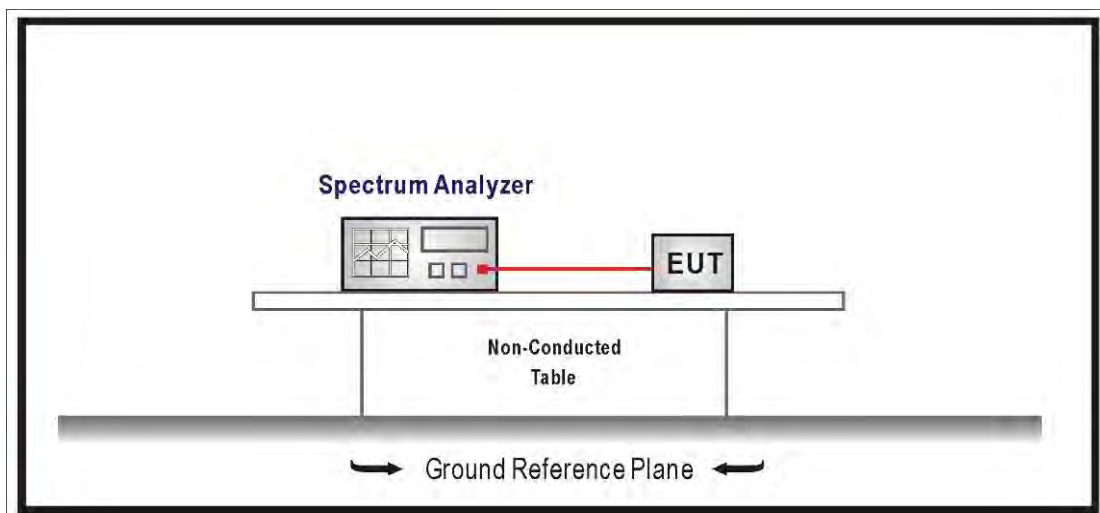
The following test equipments are used during the radiated emission tests:

99%& 26dB & DTS Bandwidth / SR7

| Instrument                 | Manufacturer | Model No. | Serial No  | Next Cal. Date |
|----------------------------|--------------|-----------|------------|----------------|
| Spectrum Analyzer          | Agilent      | N9010A    | US47140172 | 2017/08/08     |
| Signal & Spectrum Analyzer | R&S          | FSV40     | 101049     | 2017/01/05     |
| Signal Analyzer            | R&S          | FSV7      | 101650     | 2017/11/15     |

Note: All equipments that need to calibrate are with calibration period of 1 year.

#### 3.2. Test Setup



### **3.3. Limits**

99% & 26dB Bandwidth : No Required

6dB Bandwidth  $\geq$  500KHz

### **3.4. Test Procedure**

99% & 26dB Bandwidth :

The EUT was tested according to U-NII test procedure of KDB 789033 V01r03.

Set RBW 1% of the emission bandwidth, VBW equal to 3 times the RBW.

DTS Bandwidth :

Set RBW = 100KHz, VBW  $\geq$  3xRBW, Sweep time=Auto, Set Peak detector.

### **3.5. Uncertainty**

The measurement uncertainty is defined as  $\pm 150\text{Hz}$

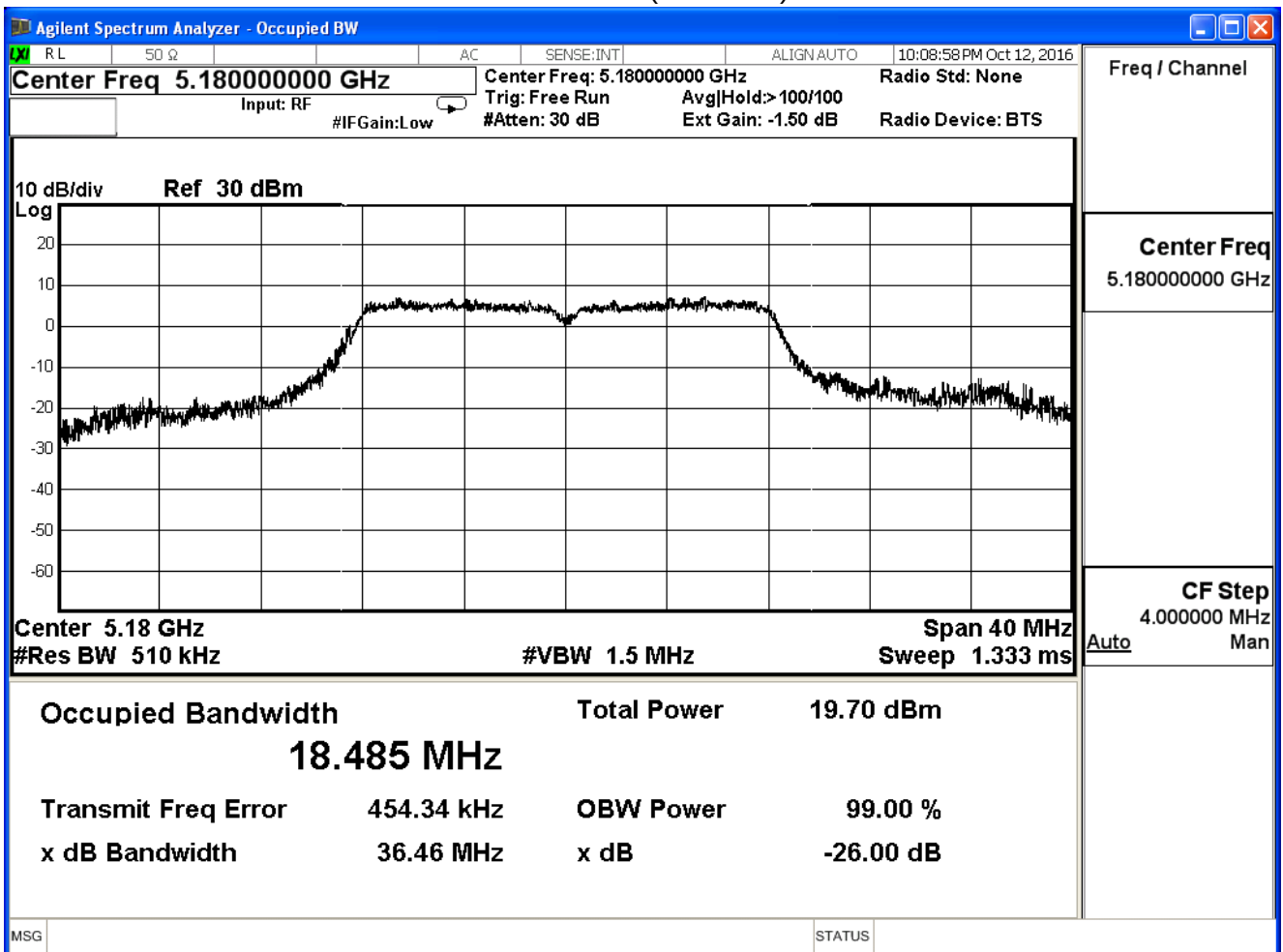
### 3.6. Test Result

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | 99% & 26dB Bandwidth                  |           |     |
| Test Mode    | Mode 1: Transmit_SISO Mode            |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

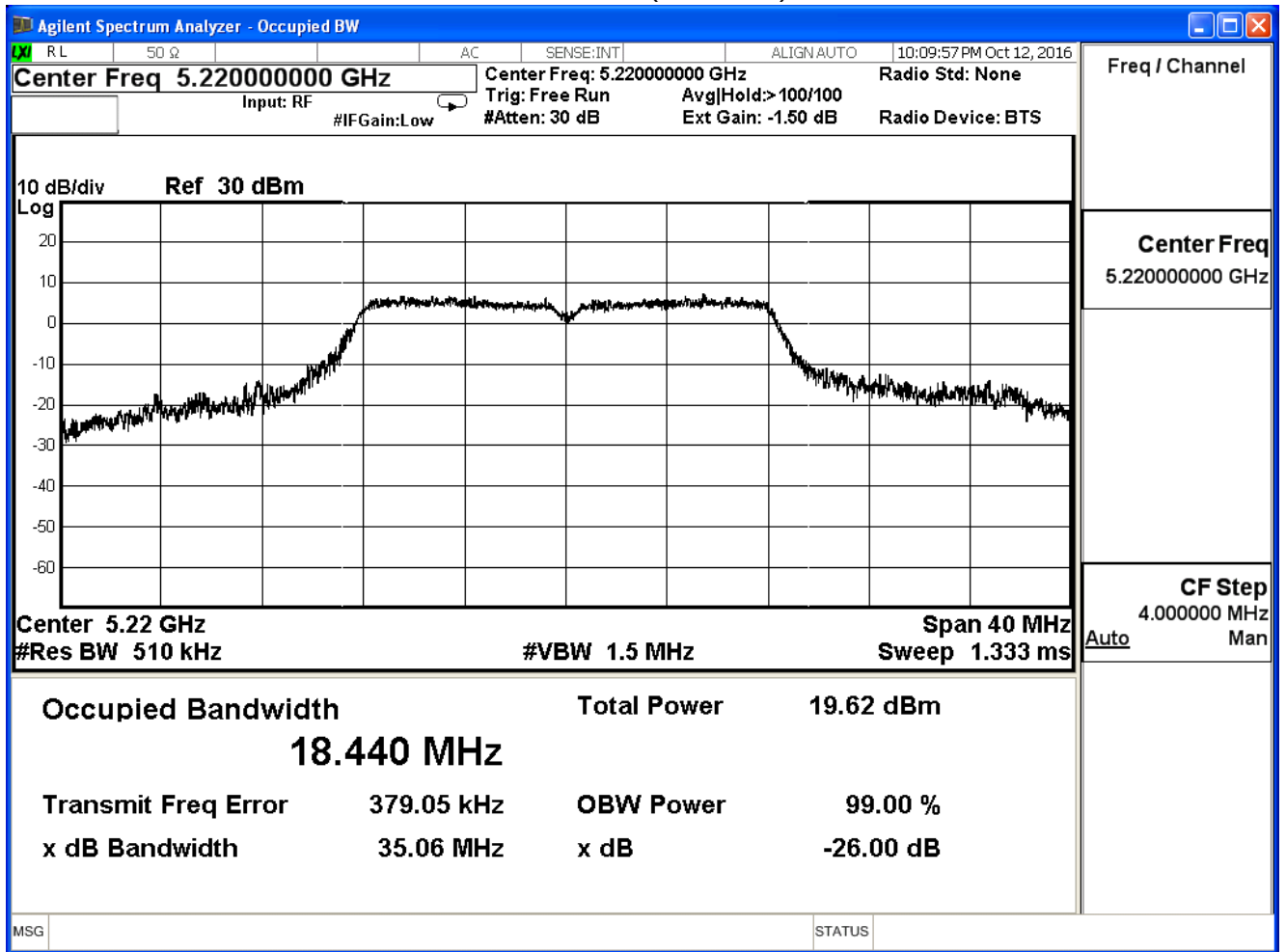
#### IEEE 802.11a (ANT 0)

| Channel No. | Frequency (MHz) | Measure Value (MHz) | Limit (MHz) |
|-------------|-----------------|---------------------|-------------|
| 36          | 5180            | 18.485              | --          |
| 44          | 5220            | 18.440              | --          |
| 48          | 5240            | 19.229              | --          |

#### Channel 36 (5180MHz)

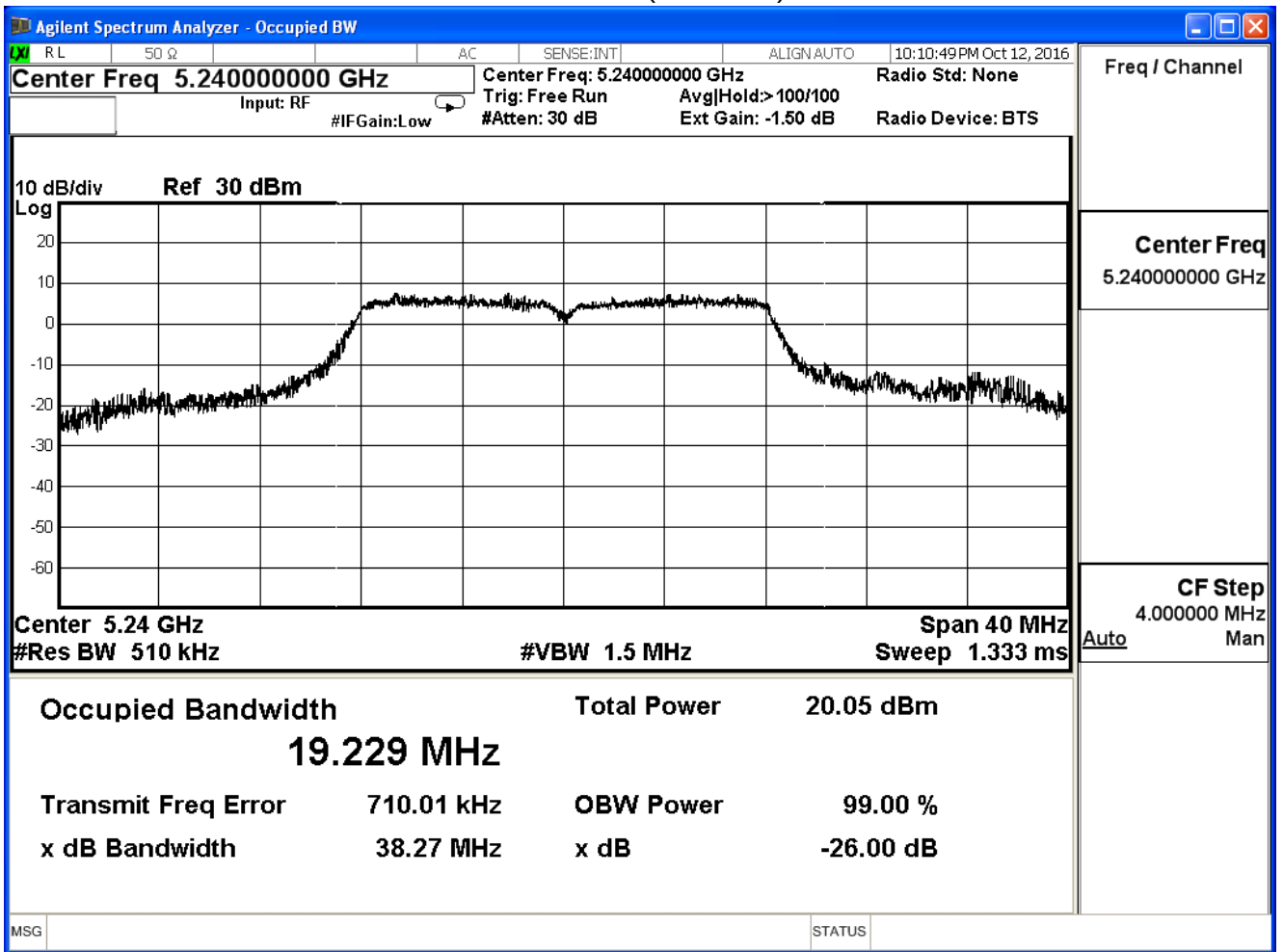


Channel 44 (5220MHz)





Channel 48 (5240MHz)

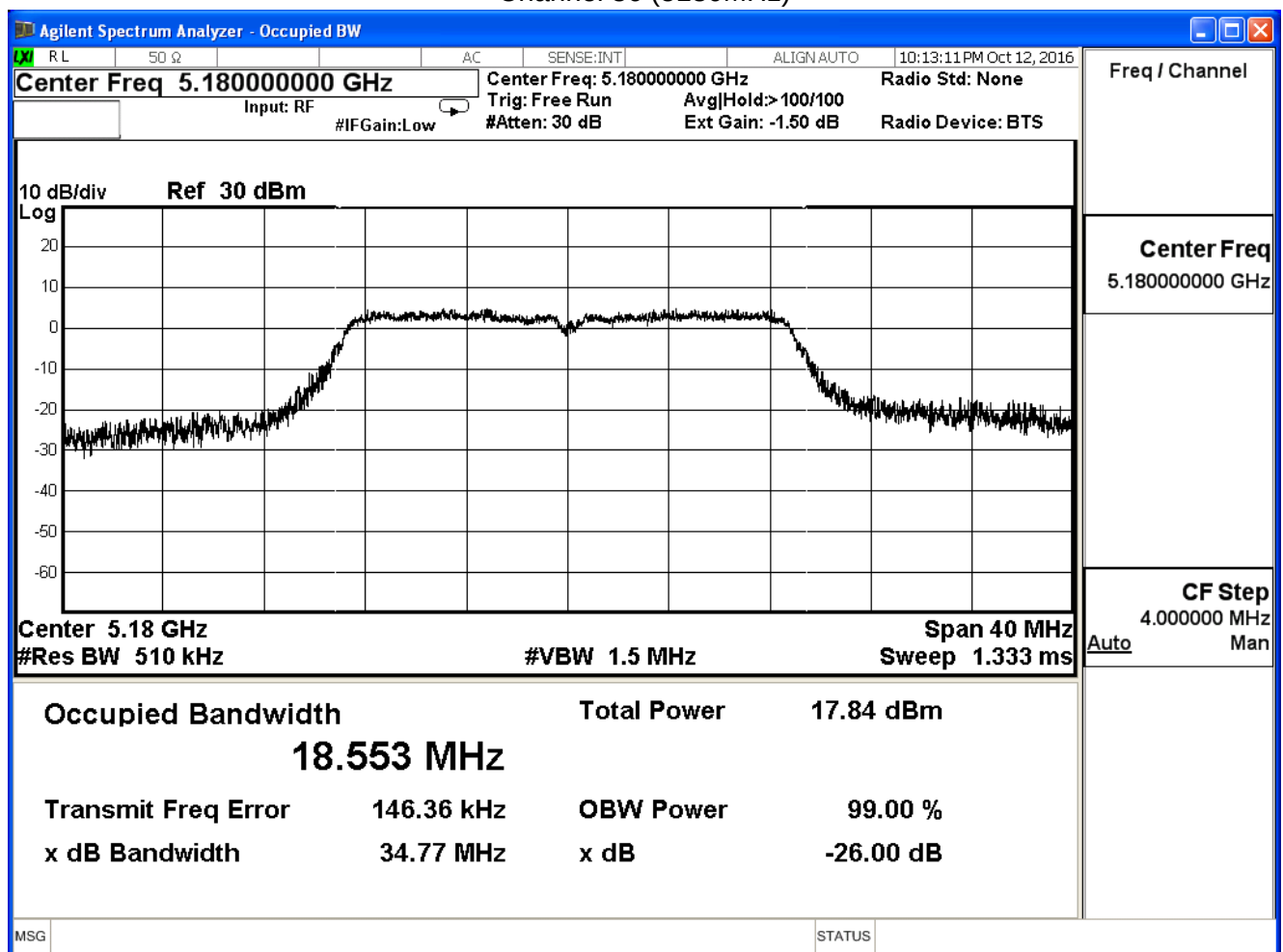


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | 99% & 26dB Bandwidth                  |           |     |
| Test Mode    | Mode 2: Transmit CDD Mode             |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

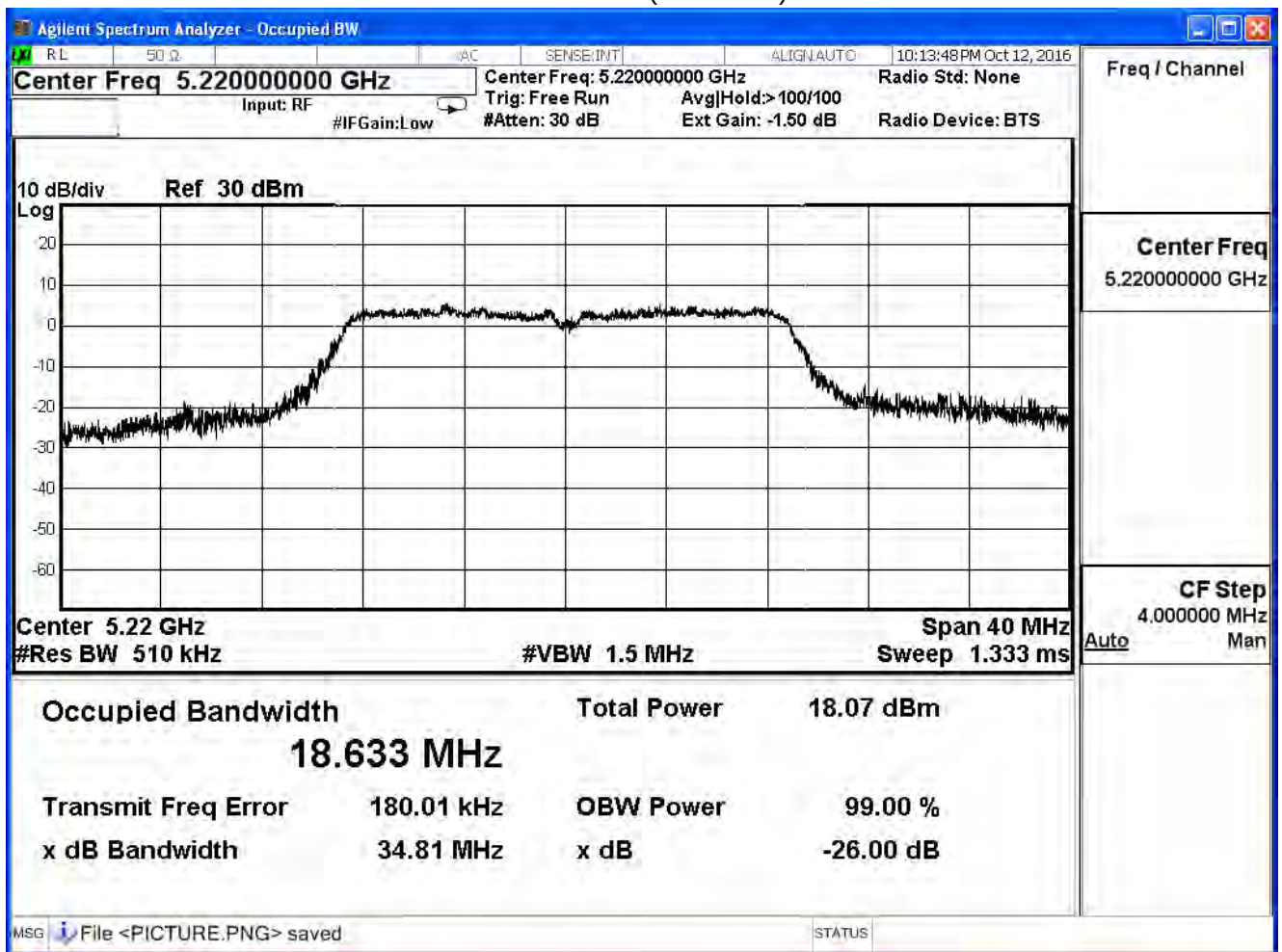
IEEE 802.11n20 (ANT 0)

| Channel No. | Frequency (MHz) | Measure Value (MHz) | Limit (MHz) |
|-------------|-----------------|---------------------|-------------|
| 36          | 5180            | 18.553              | --          |
| 44          | 5220            | 18.633              | --          |
| 48          | 5240            | 18.522              | --          |

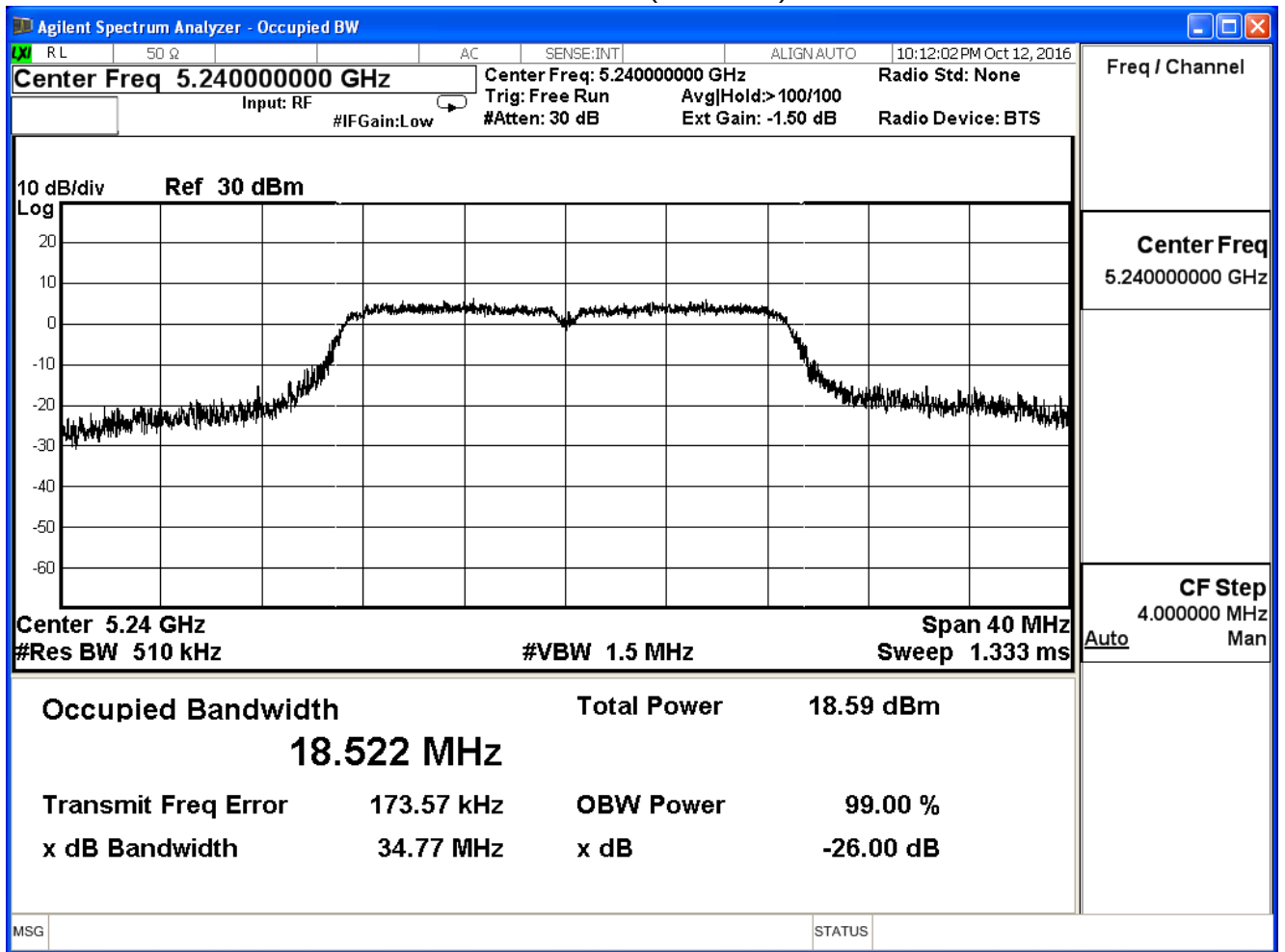
Channel 36 (5180MHz)



Channel 44 (5220MHz)



### Channel 48 (5240MHz)

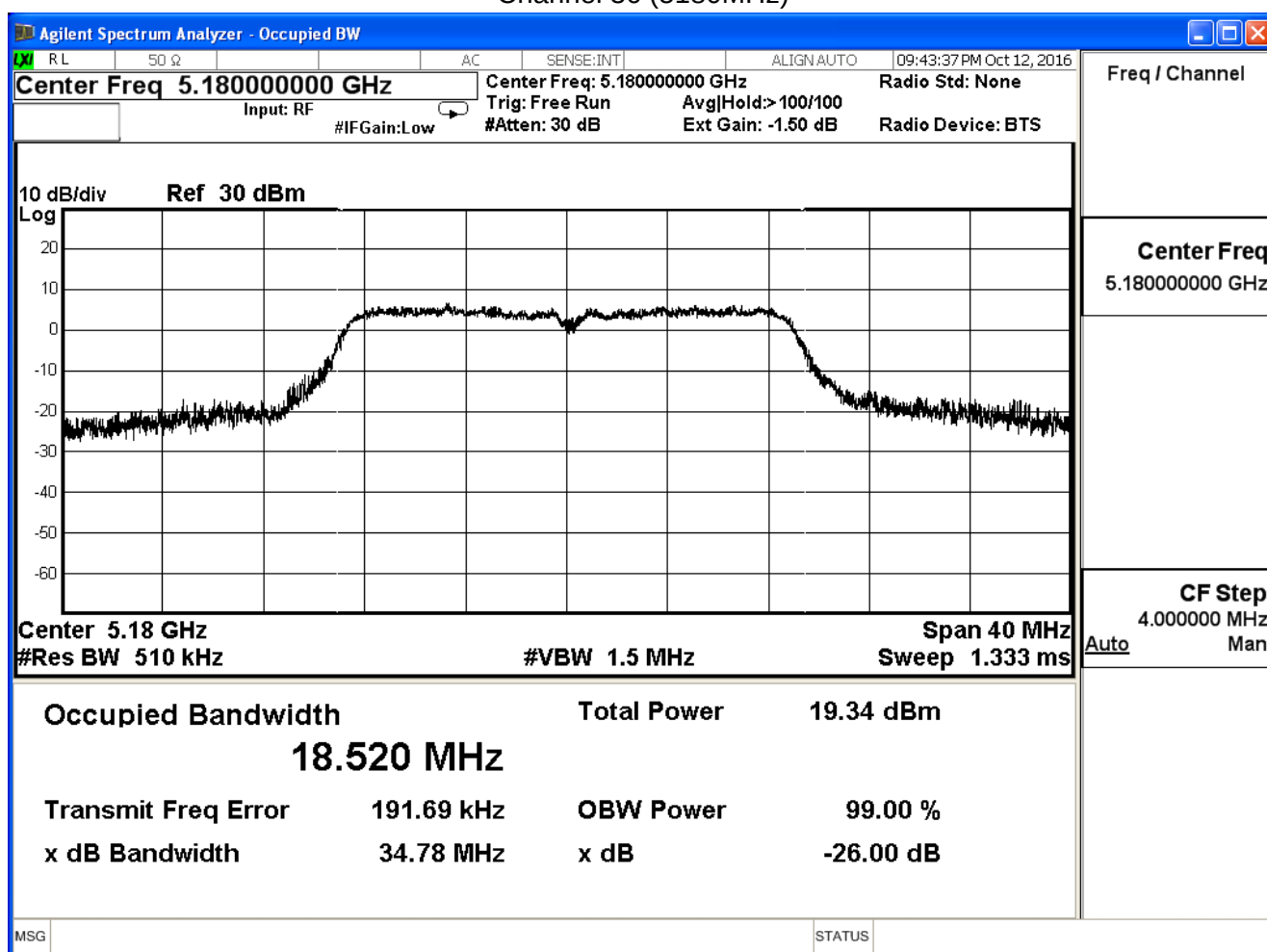


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | 99% & 26dB Bandwidth                  |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

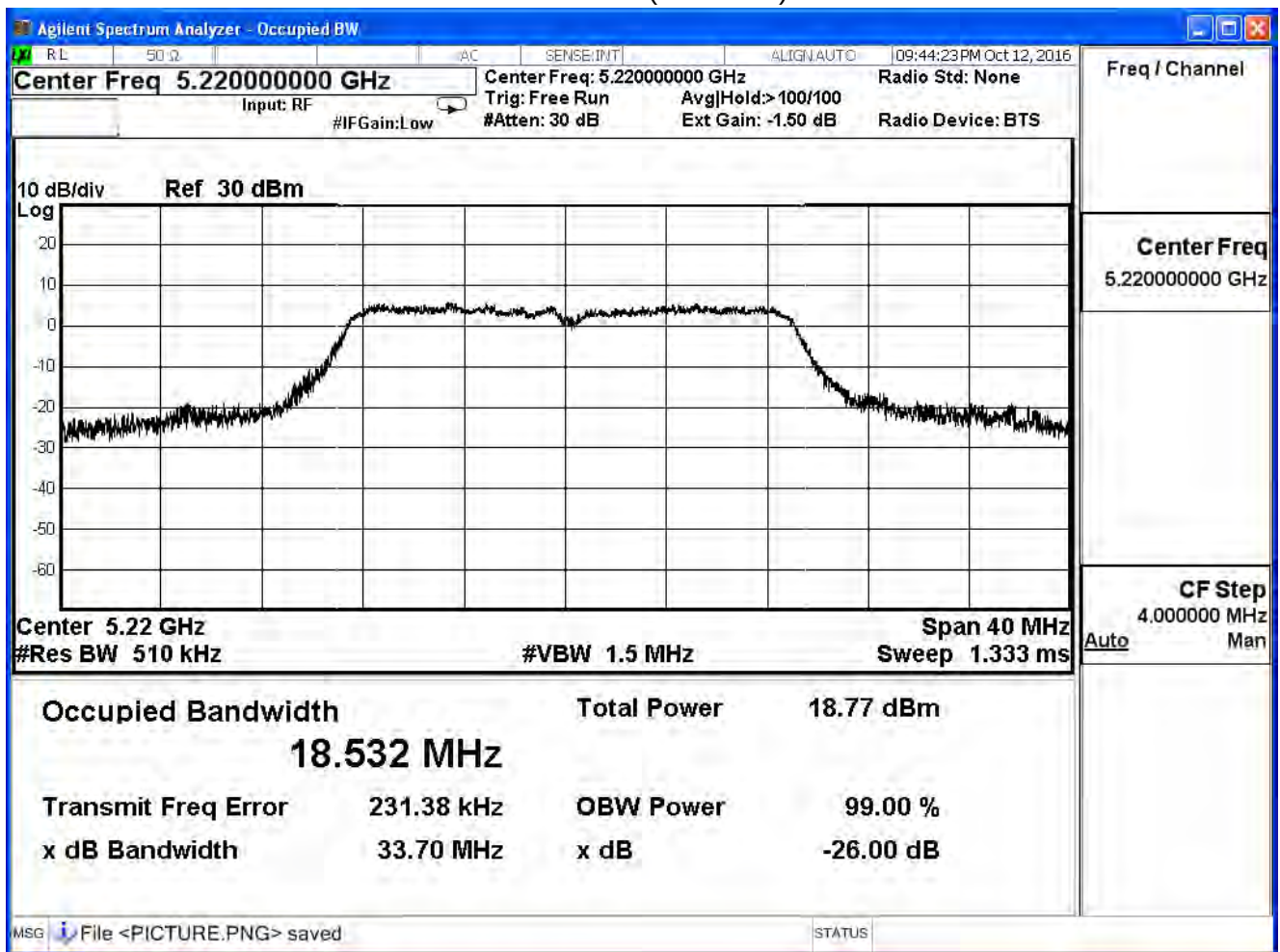
IEEE 802.11n20 (ANT 1)

| Channel No. | Frequency (MHz) | Measure Value (MHz) | Limit (MHz) |
|-------------|-----------------|---------------------|-------------|
| 36          | 5180            | 18.520              | --          |
| 44          | 5220            | 18.532              | --          |
| 48          | 5240            | 19.430              | --          |

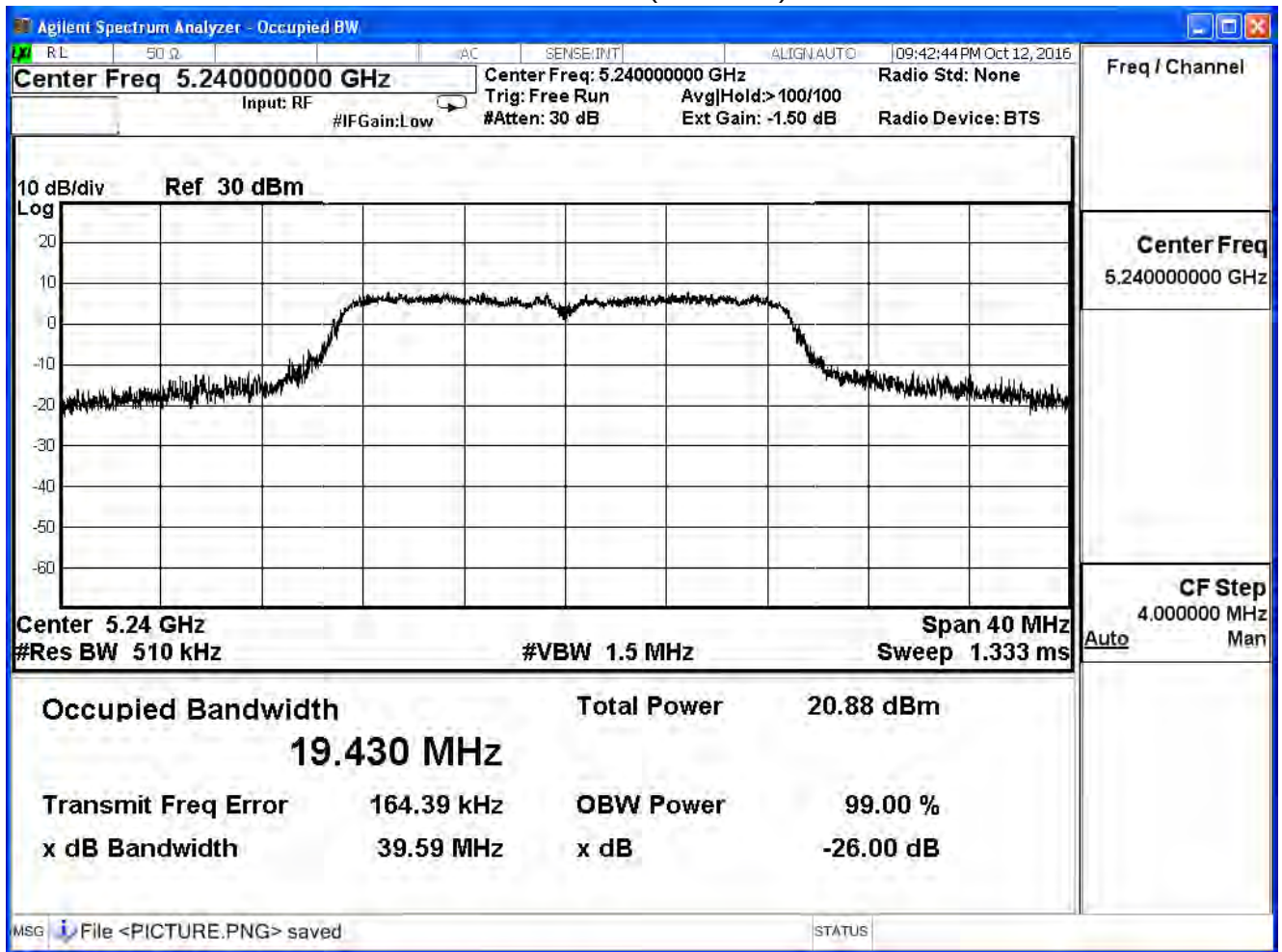
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



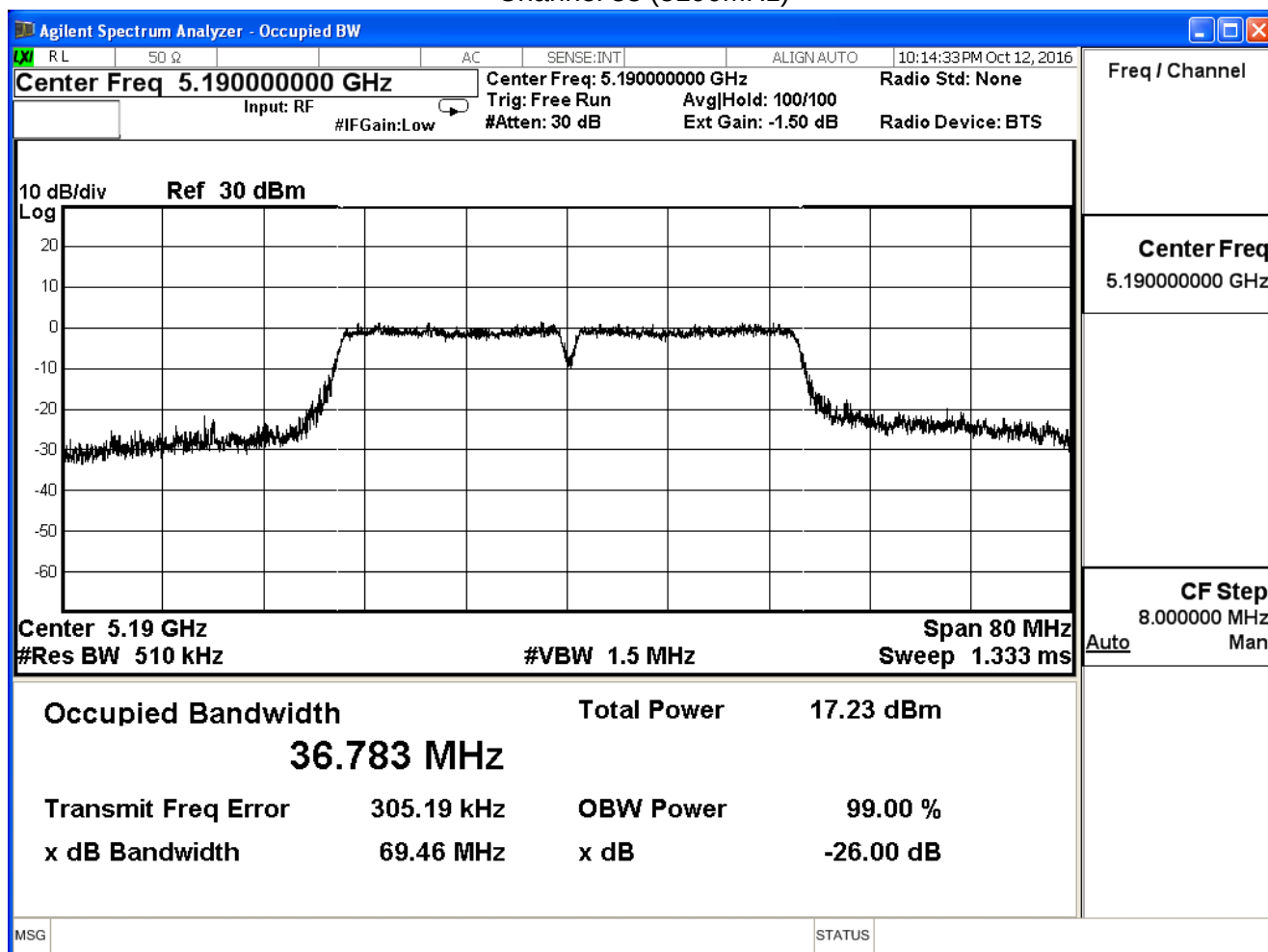


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | 99% & 26dB Bandwidth                  |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

IEEE 802.11n40 (ANT 0)

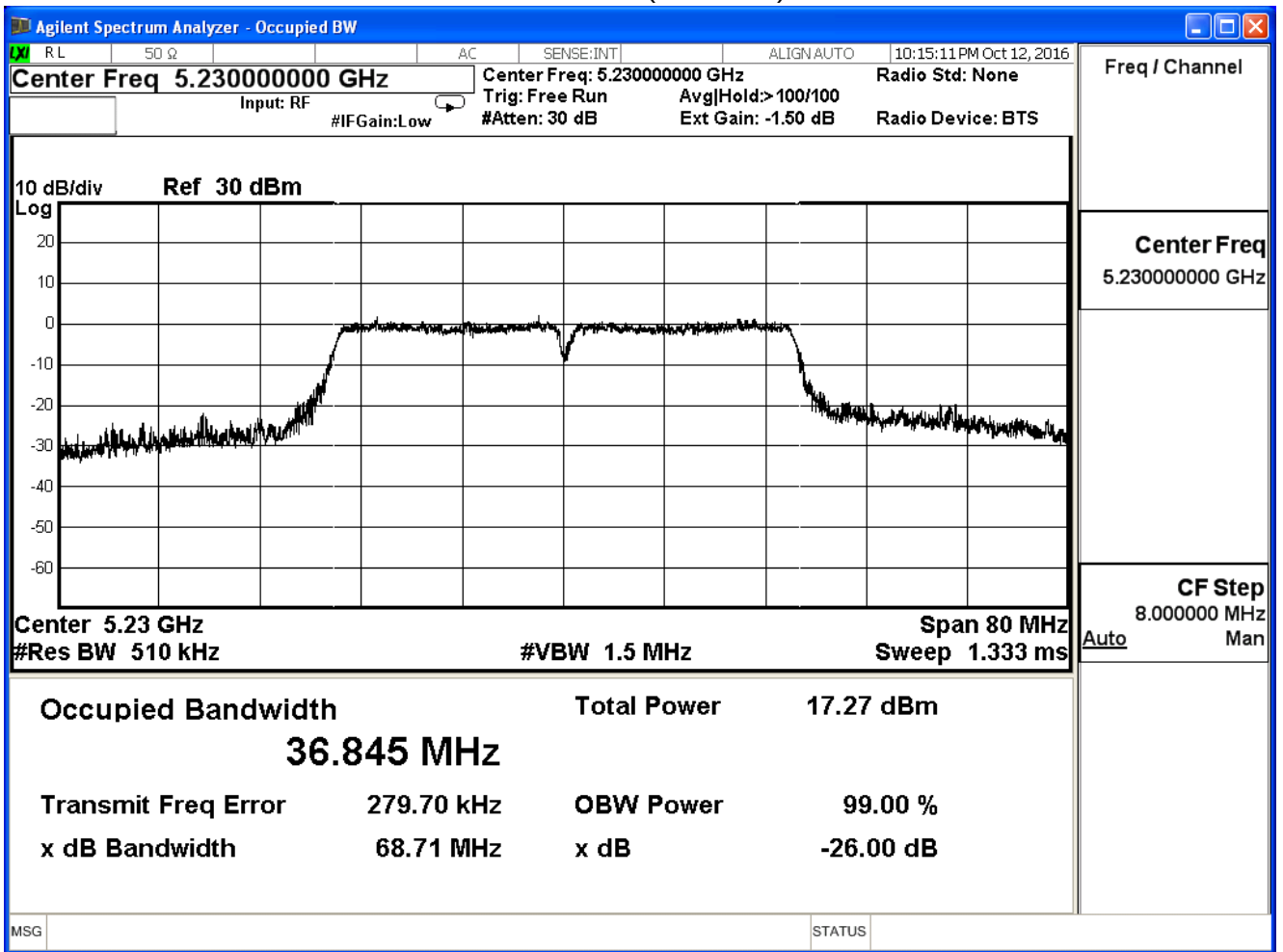
| Channel No. | Frequency (MHz) | Measure Value (MHz) | Limit (MHz) |
|-------------|-----------------|---------------------|-------------|
| 38          | 5190            | 36.783              | --          |
| 46          | 5230            | 36.845              | --          |

Channel 38 (5190MHz)





Channel 46 (5230MHz)

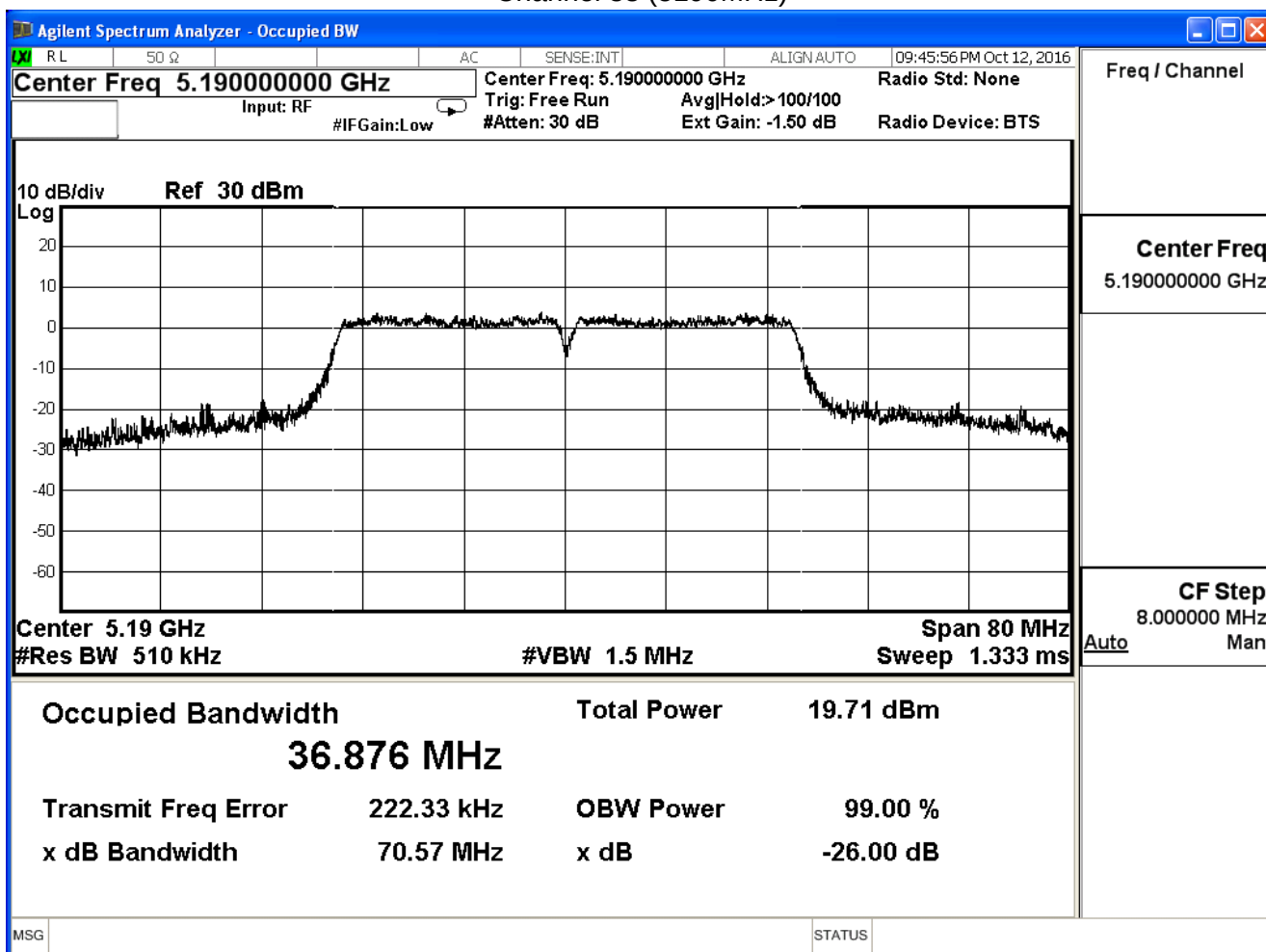


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | 99% & 26dB Bandwidth                  |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

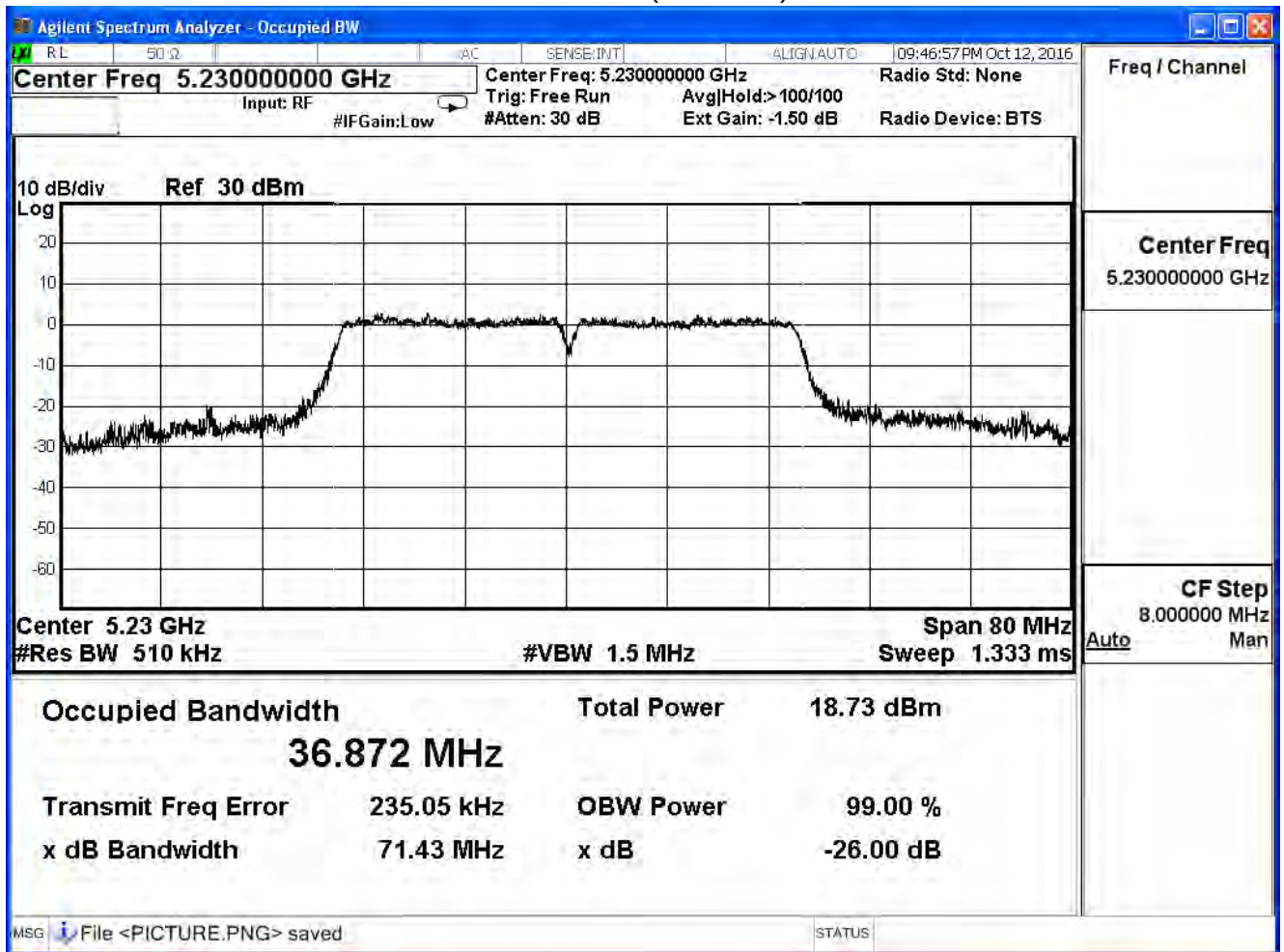
IEEE 802.11n40 (ANT 1)

| Channel No. | Frequency (MHz) | Measure Value (MHz) | Limit (MHz) |
|-------------|-----------------|---------------------|-------------|
| 38          | 5190            | 36.876              | --          |
| 46          | 5230            | 36.872              | --          |

Channel 38 (5190MHz)



Channel 46 (5230MHz)

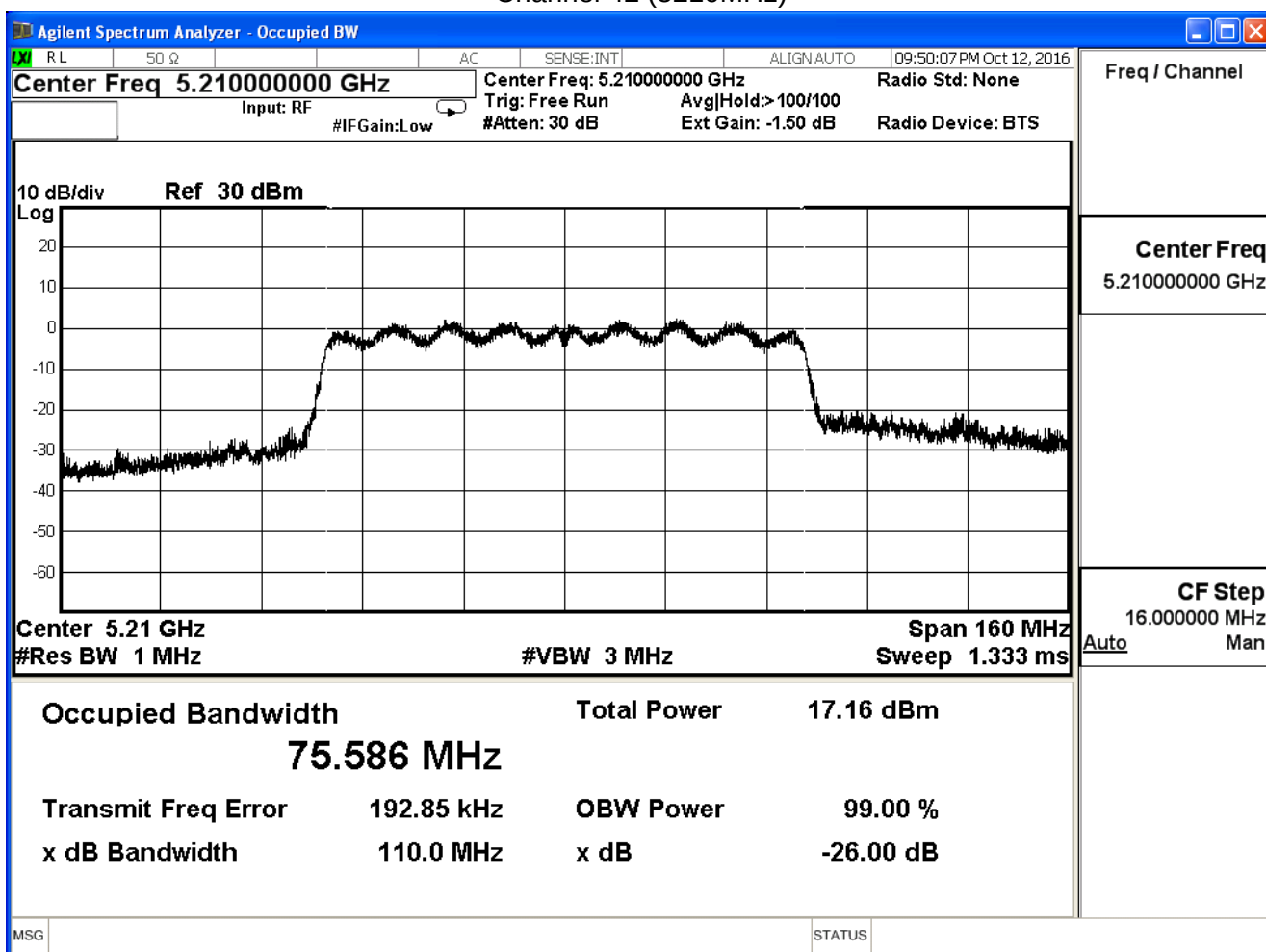


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | 99% & 26dB Bandwidth                  |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

IEEE 802.11ac80 (ANT 0)

| Channel No. | Frequency (MHz) | Measure Value (MHz) | Limit (MHz) |
|-------------|-----------------|---------------------|-------------|
| 42          | 5210            | 75.586              | --          |

Channel 42 (5210MHz)

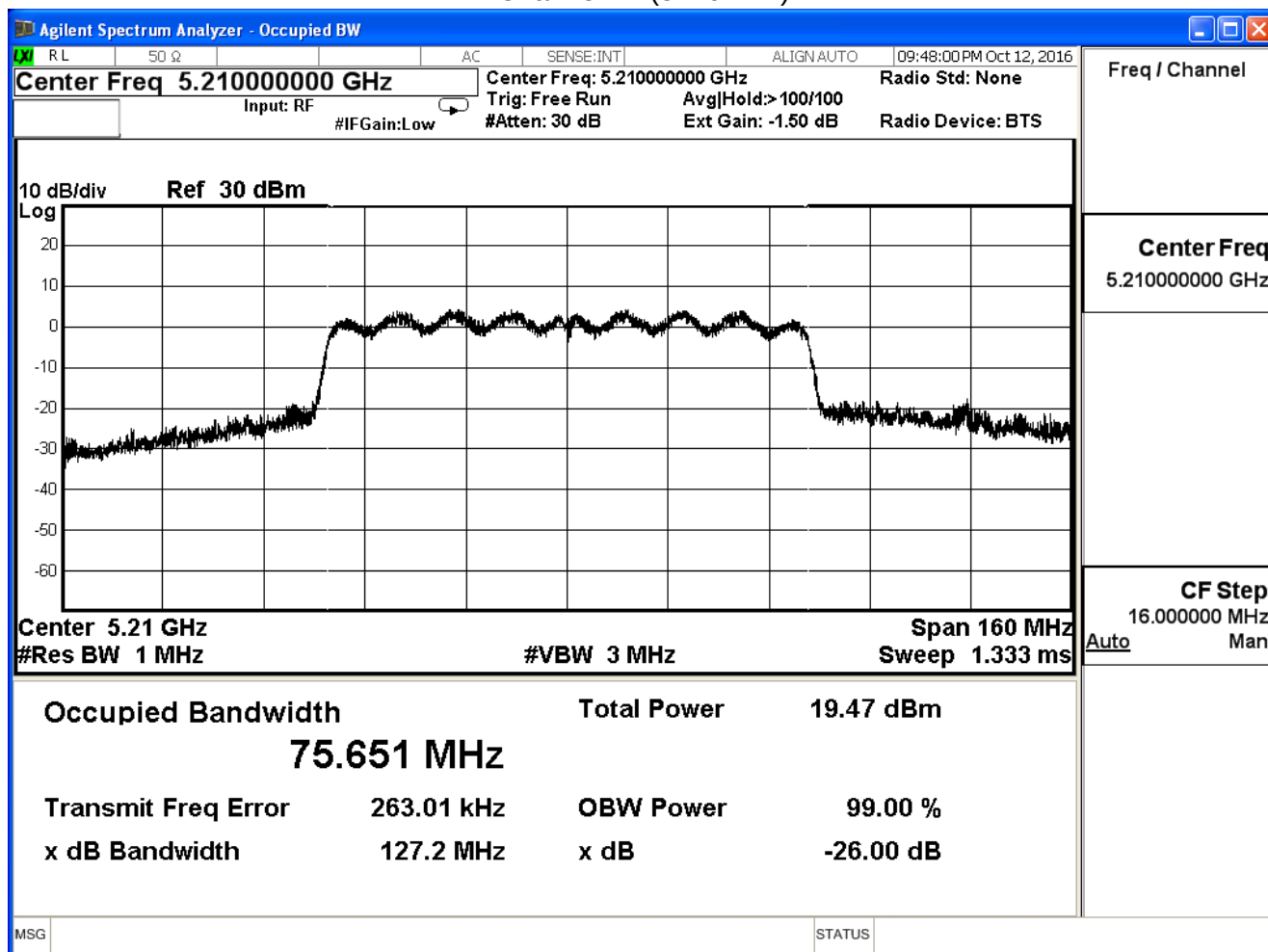


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | 99% & 26dB Bandwidth                  |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

IEEE 802.11ac80 (ANT 1)

| Channel No. | Frequency<br>(MHz) | Measure Value<br>(MHz) | Limit<br>(MHz) |
|-------------|--------------------|------------------------|----------------|
| 42          | 5210               | 75.651                 | --             |

Channel 42 (5210MHz)

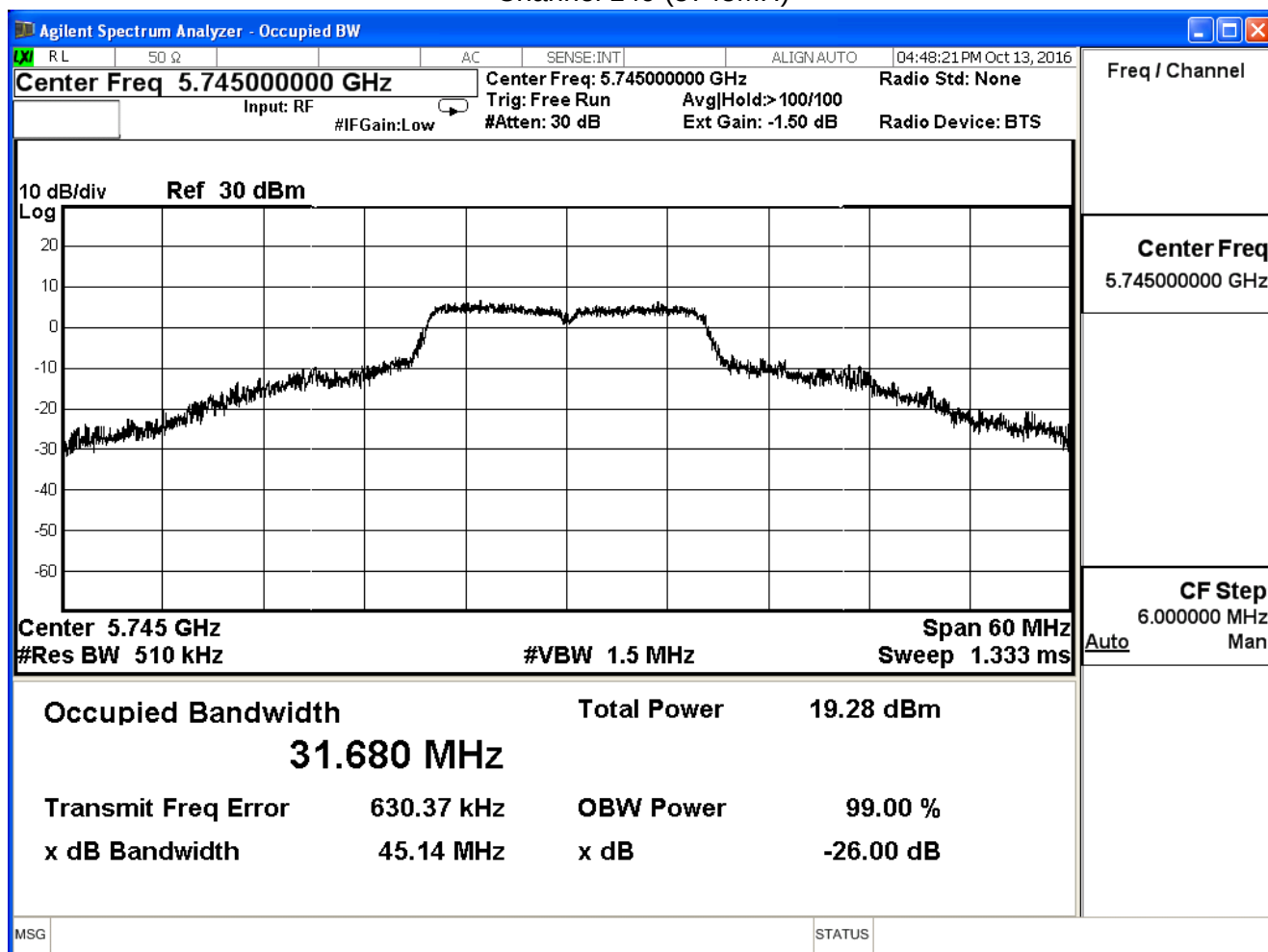


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | 99% & 26dB Bandwidth                  |           |     |
| Test Mode    | Mode 1: Transmit_SISO Mode            |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

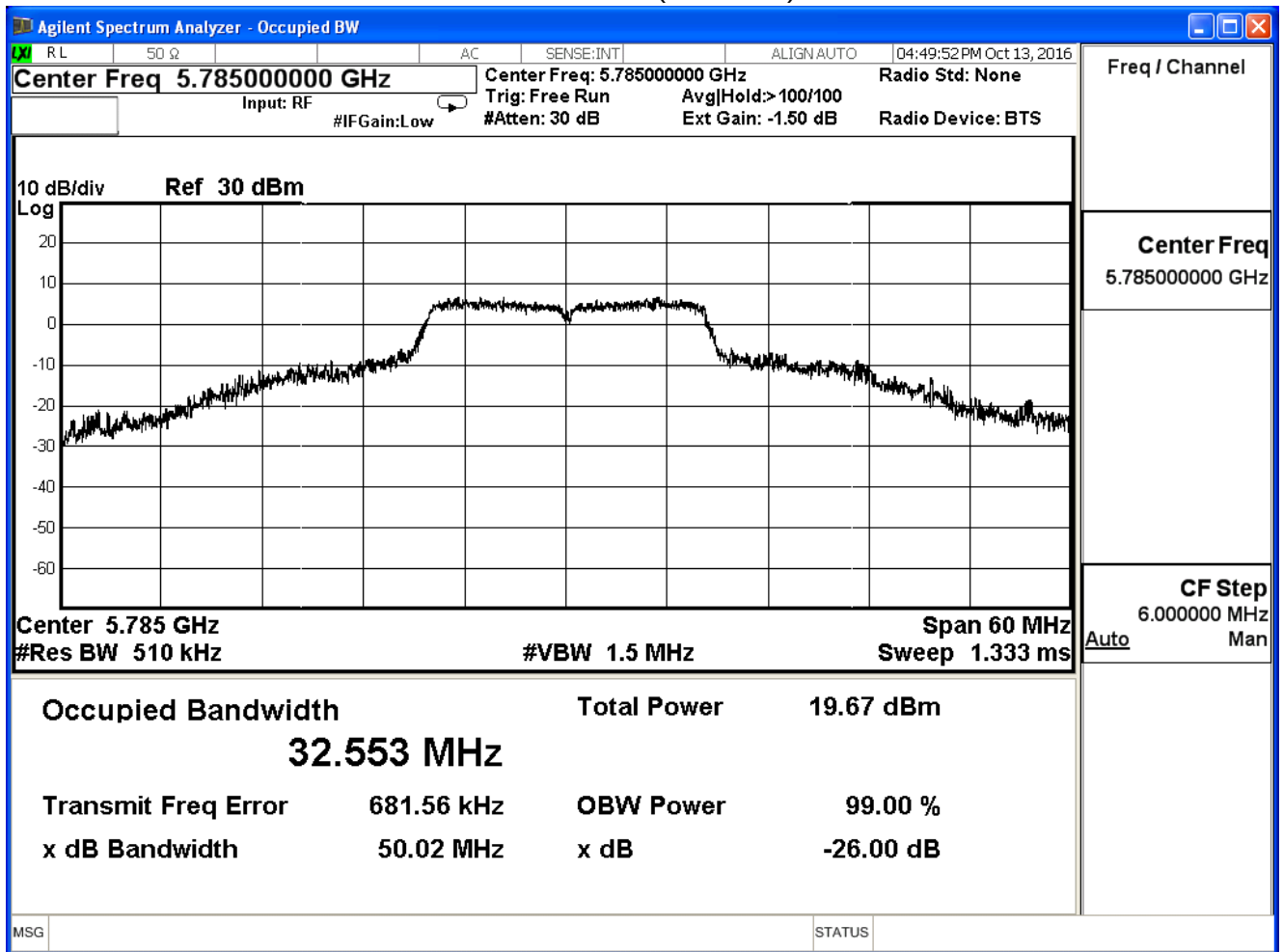
IEEE 802.11a (ANT 0)

| Channel No. | Frequency (MHz) | Measure Value (MHz) | Limit (MHz) |
|-------------|-----------------|---------------------|-------------|
| 149         | 5745            | 31.680              | --          |
| 157         | 5785            | 32.553              | --          |
| 165         | 5825            | 30.296              | --          |

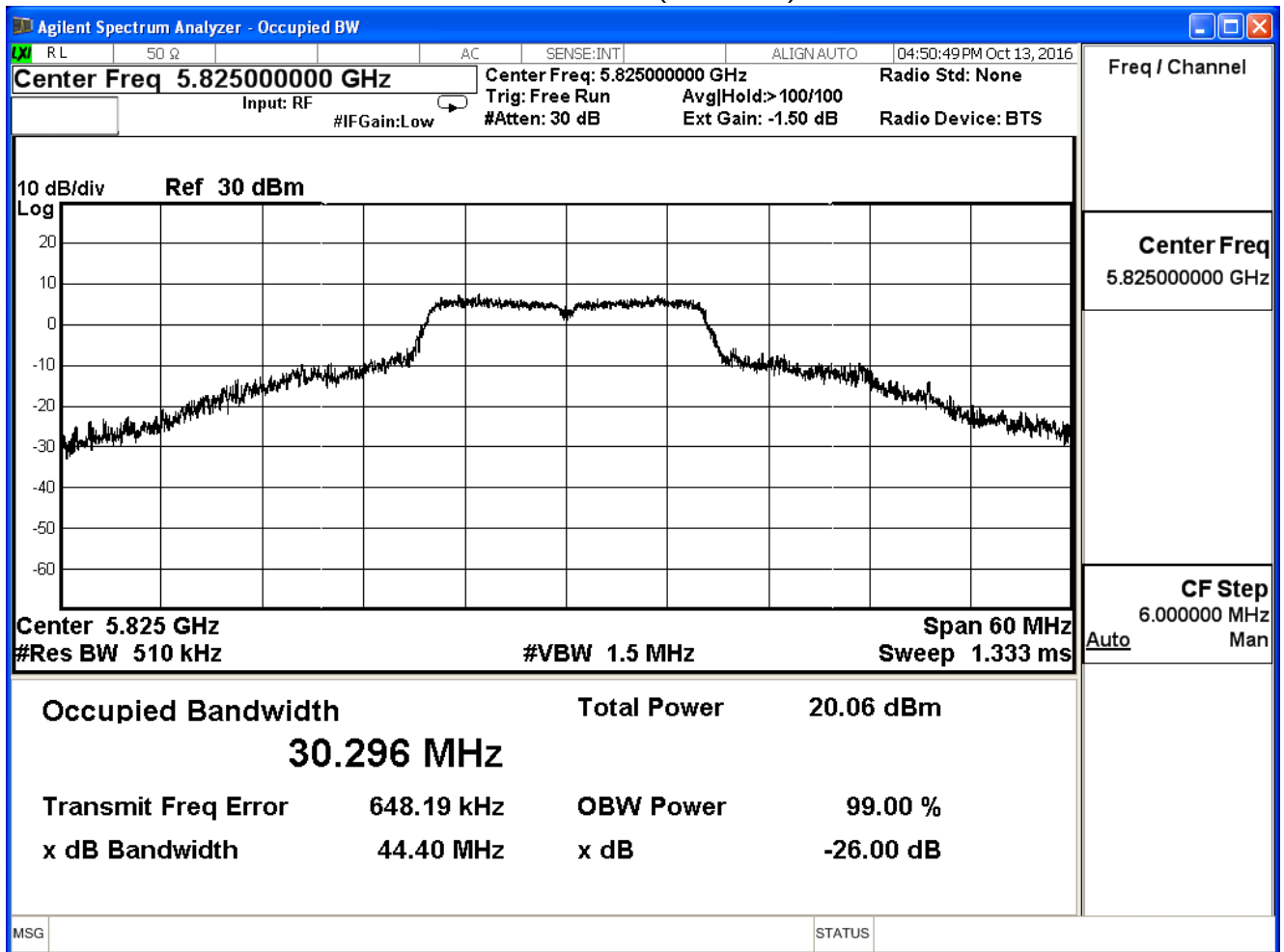
Channel 149 (5745MH)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



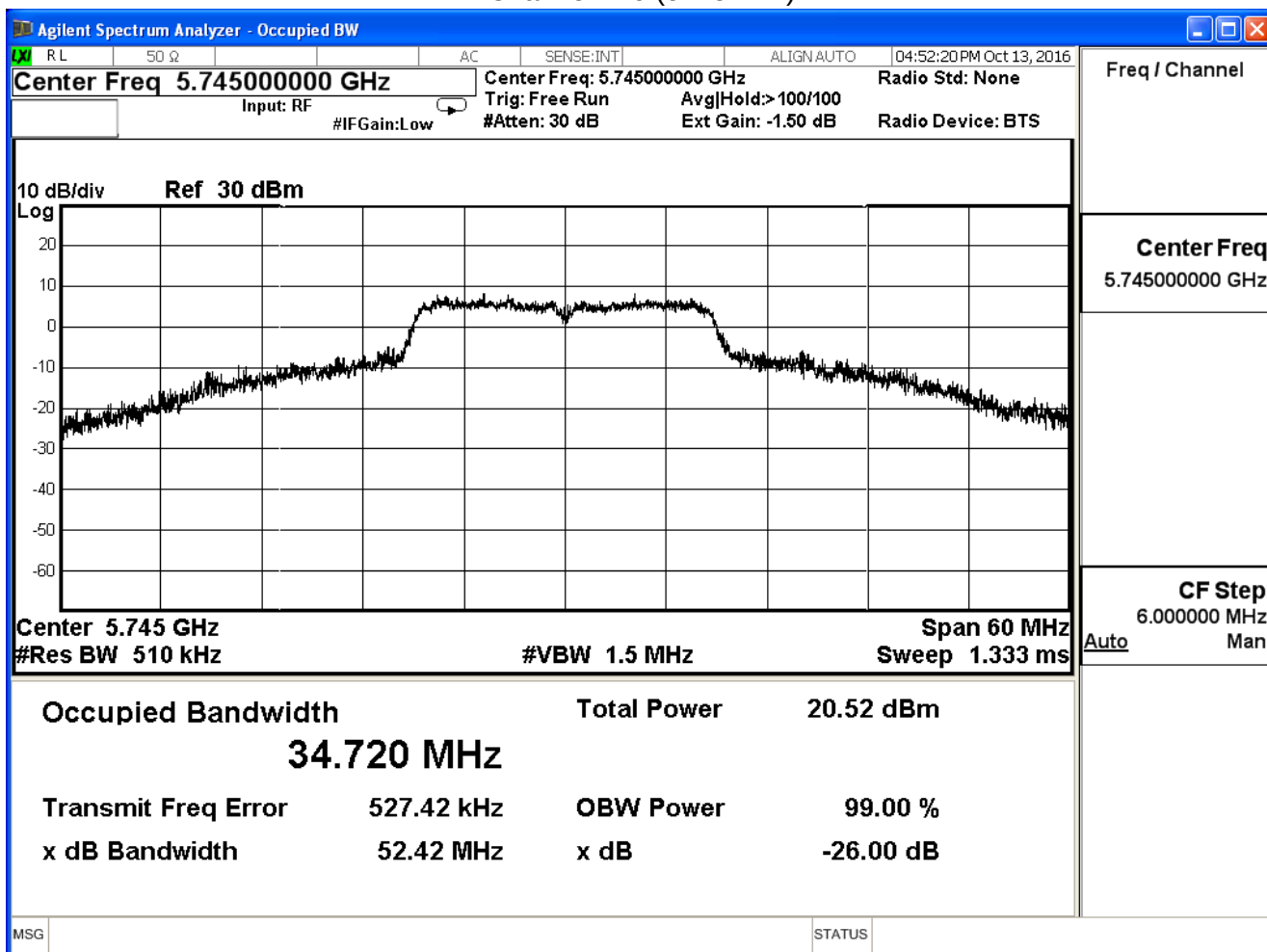


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | 99% & 26dB Bandwidth                  |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

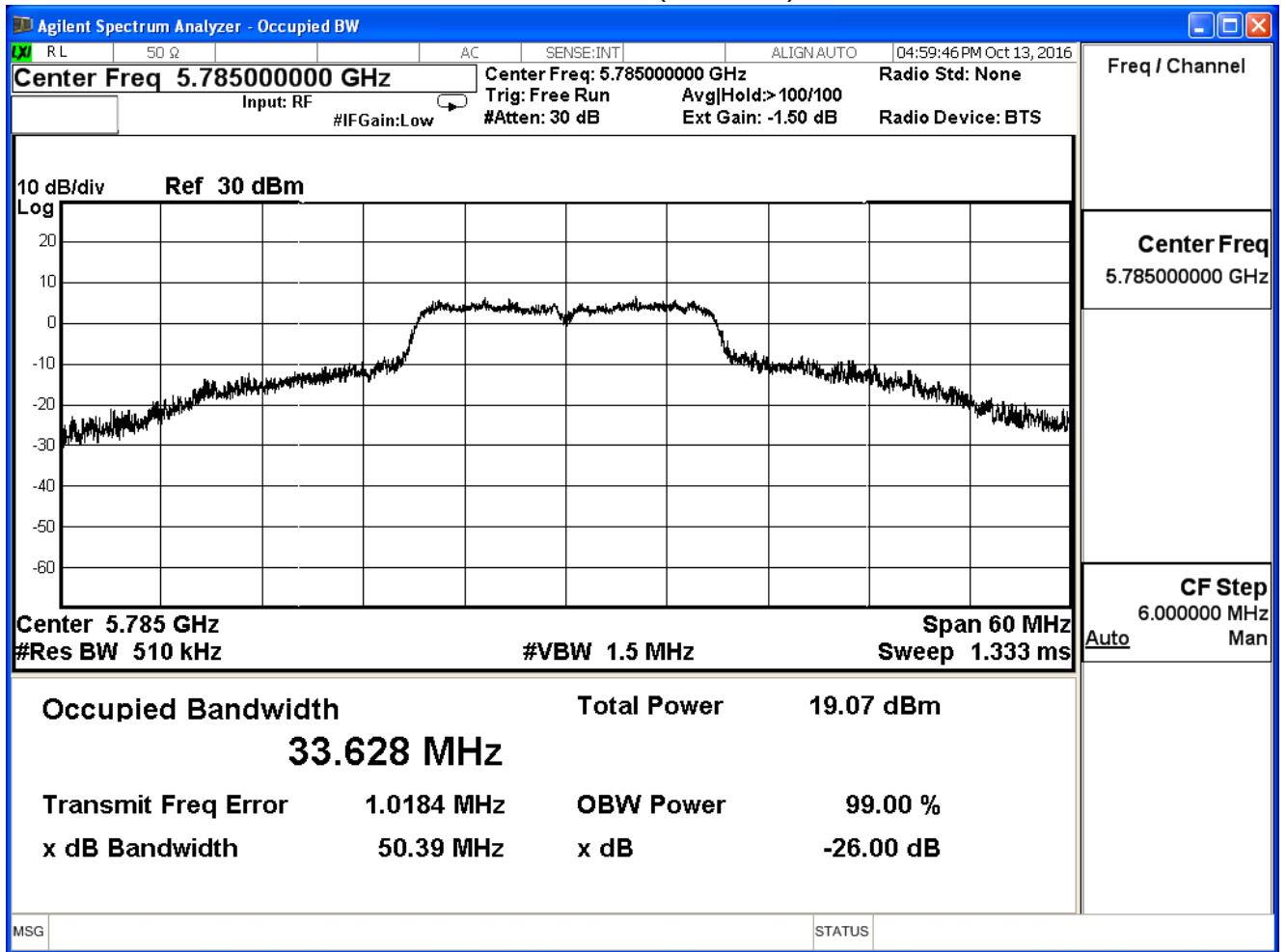
IEEE 802.11n20 (ANT 0)

| Channel No. | Frequency (MHz) | Measure Value (MHz) | Limit (MHz) |
|-------------|-----------------|---------------------|-------------|
| 149         | 5745            | 34.720              | --          |
| 157         | 5785            | 33.628              | --          |
| 165         | 5825            | 32.151              | --          |

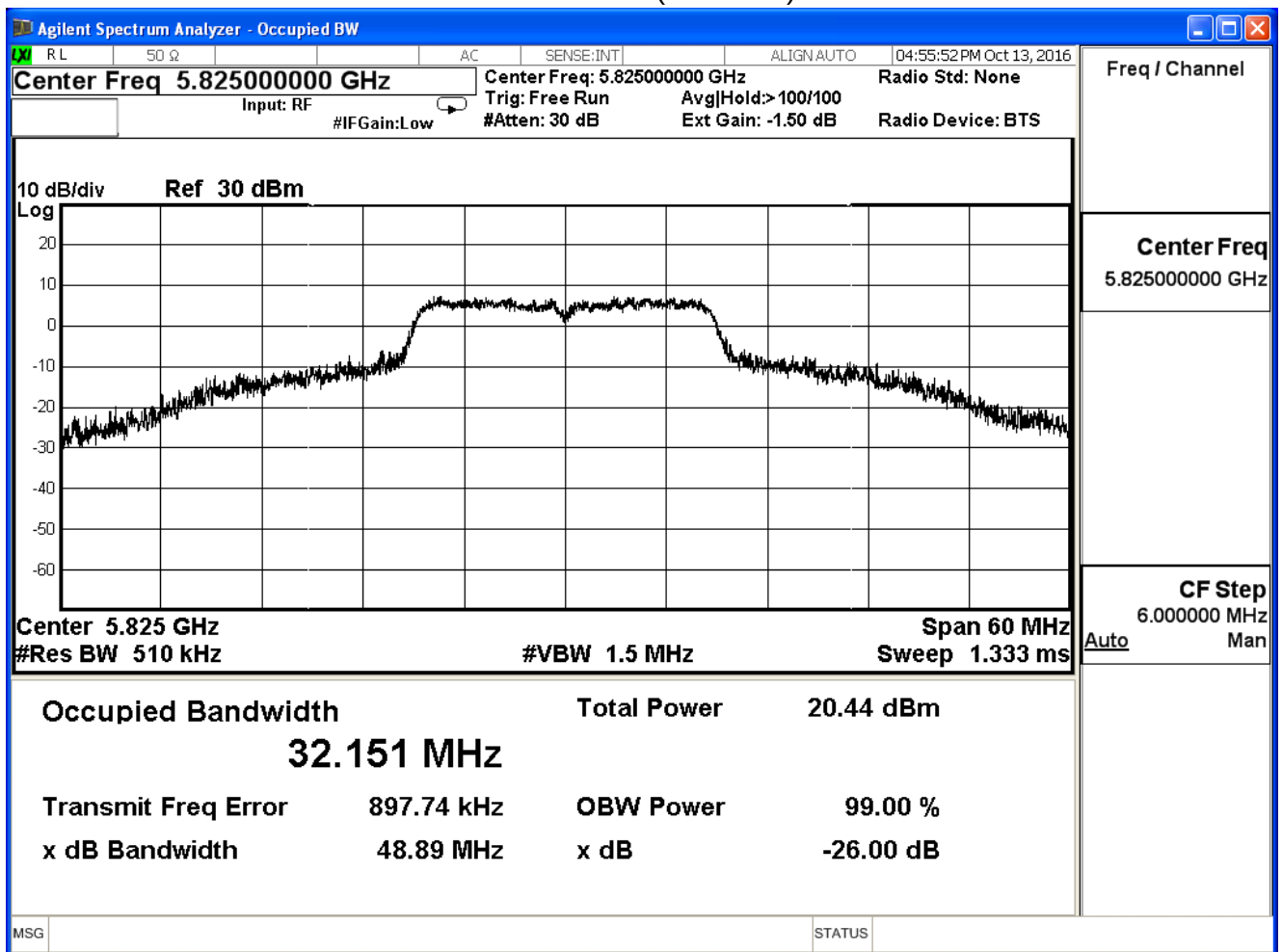
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

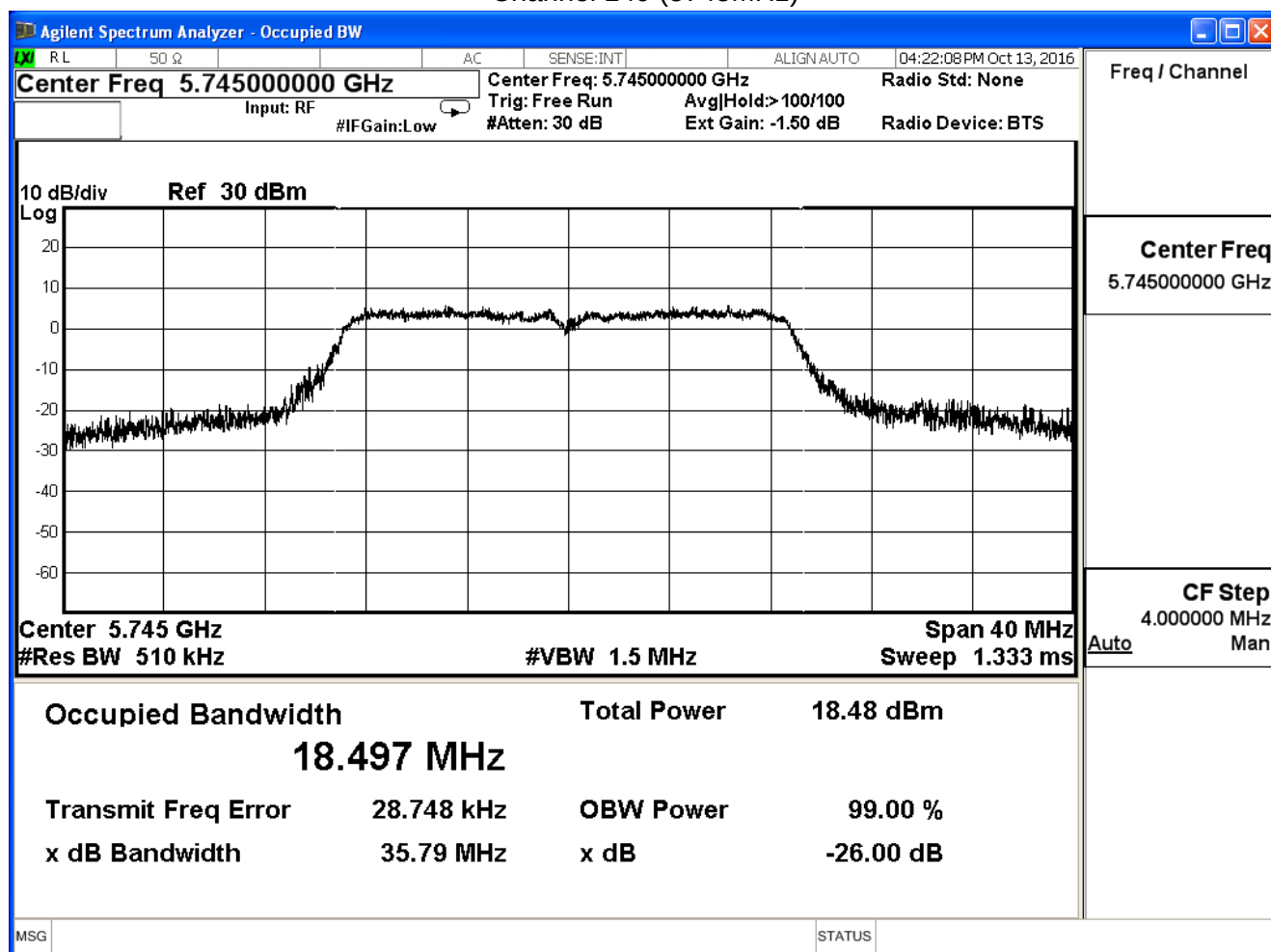


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | 99% & 26dB Bandwidth                  |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

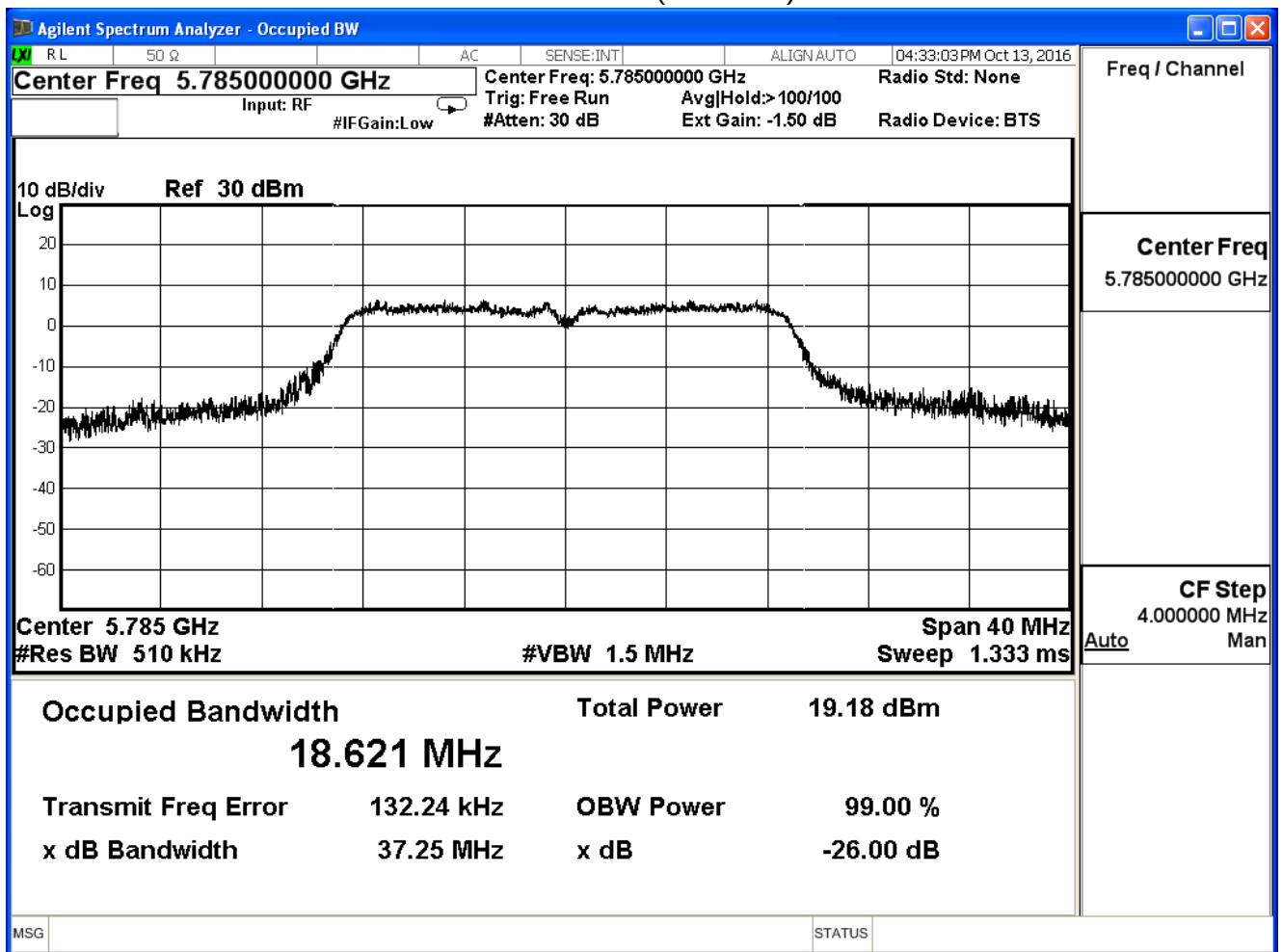
IEEE 802.11n20 (ANT 1)

| Channel No. | Frequency (MHz) | Measure Value (MHz) | Limit (MHz) |
|-------------|-----------------|---------------------|-------------|
| 149         | 5745            | 18.497              | --          |
| 157         | 5785            | 18.621              | --          |
| 165         | 5825            | 18.978              | --          |

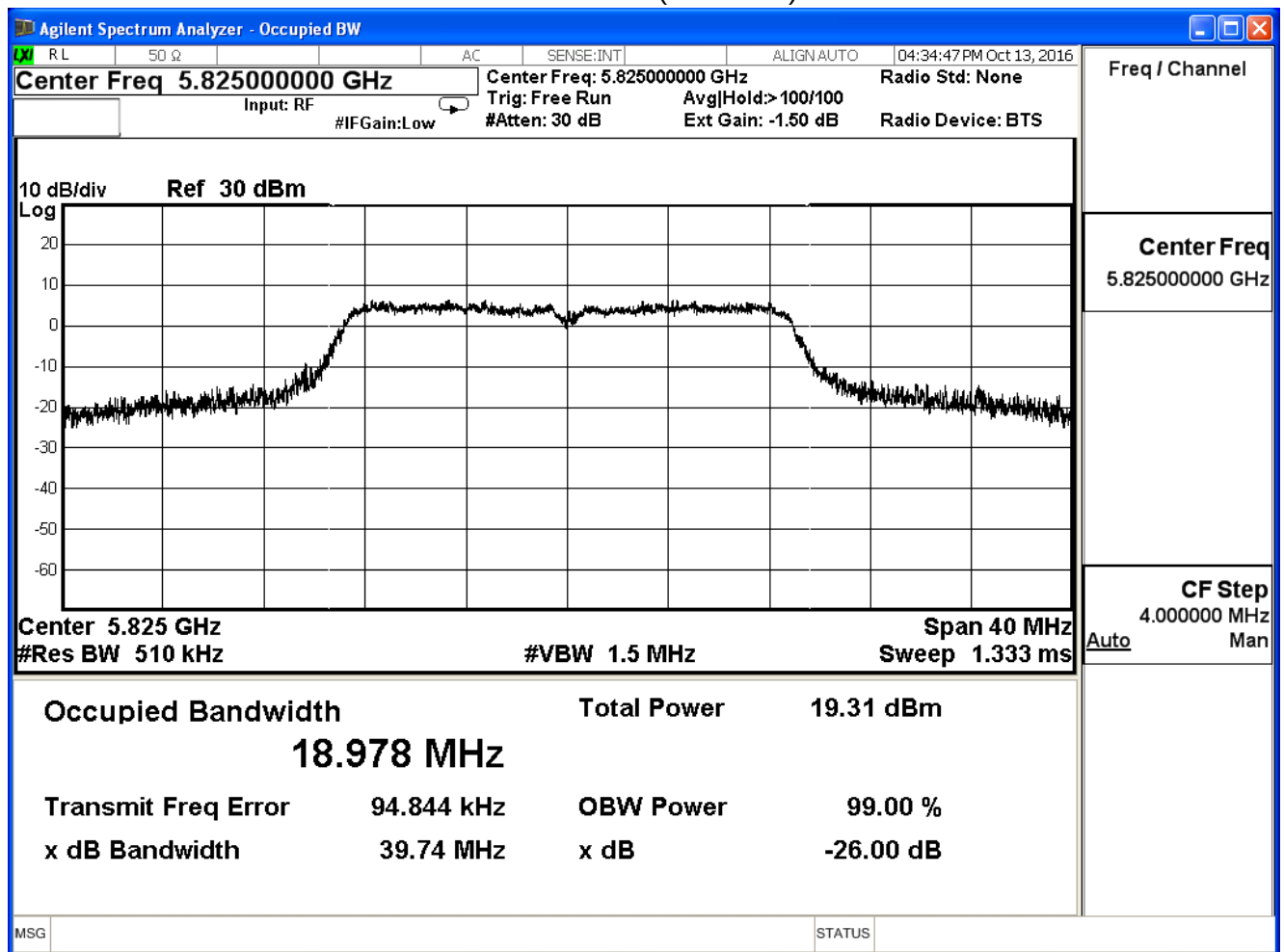
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

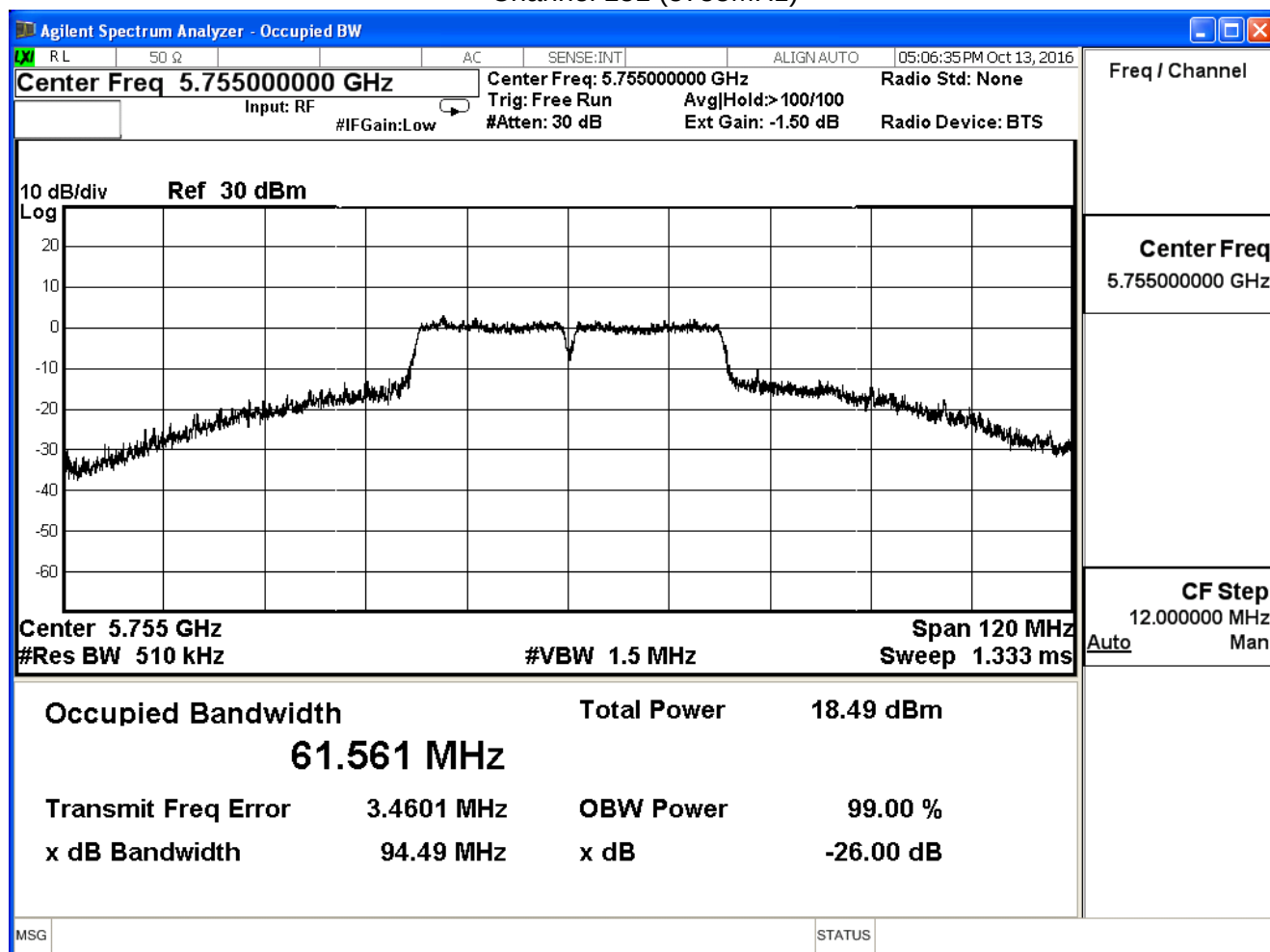


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | 99% & 26dB Bandwidth                  |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

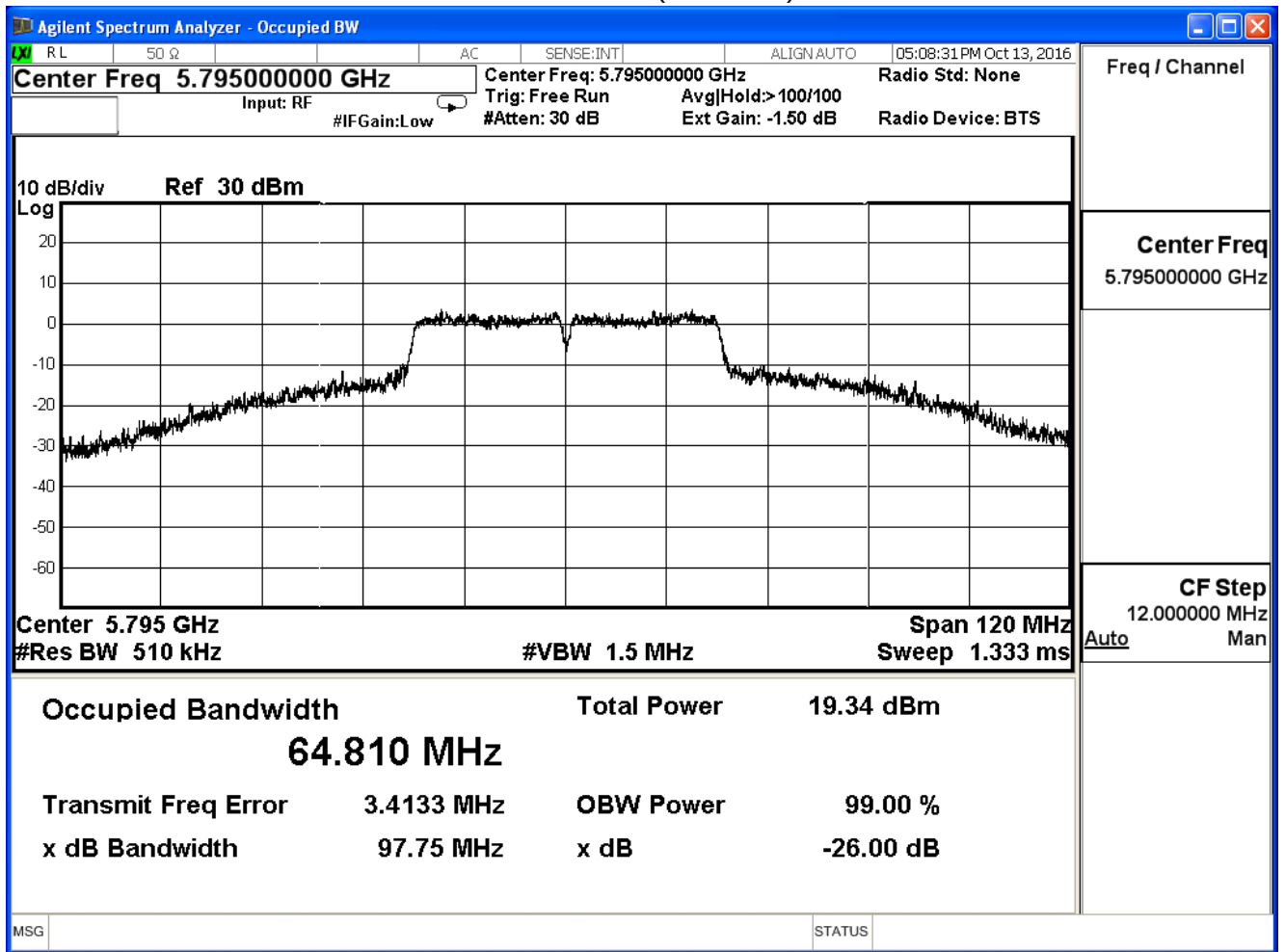
IEEE 802.11n40 (ANT 0)

| Channel No. | Frequency (MHz) | Measure Value (MHz) | Limit (MHz) |
|-------------|-----------------|---------------------|-------------|
| 151         | 5755            | 61.561              | --          |
| 159         | 5795            | 64.810              | --          |

Channel 151 (5755MHz)



Channel 159 (5795MHz)



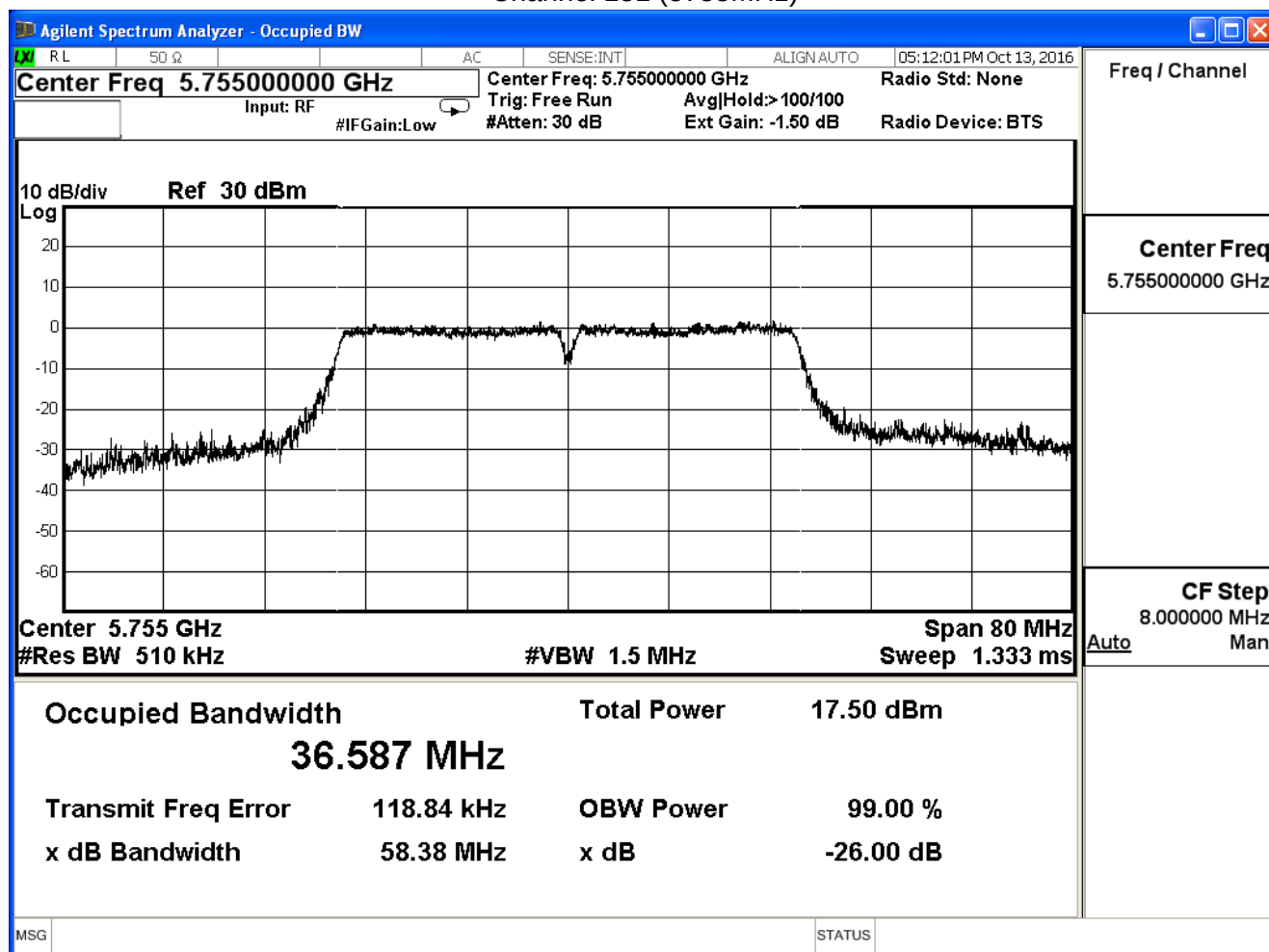


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | 99% & 26dB Bandwidth                  |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

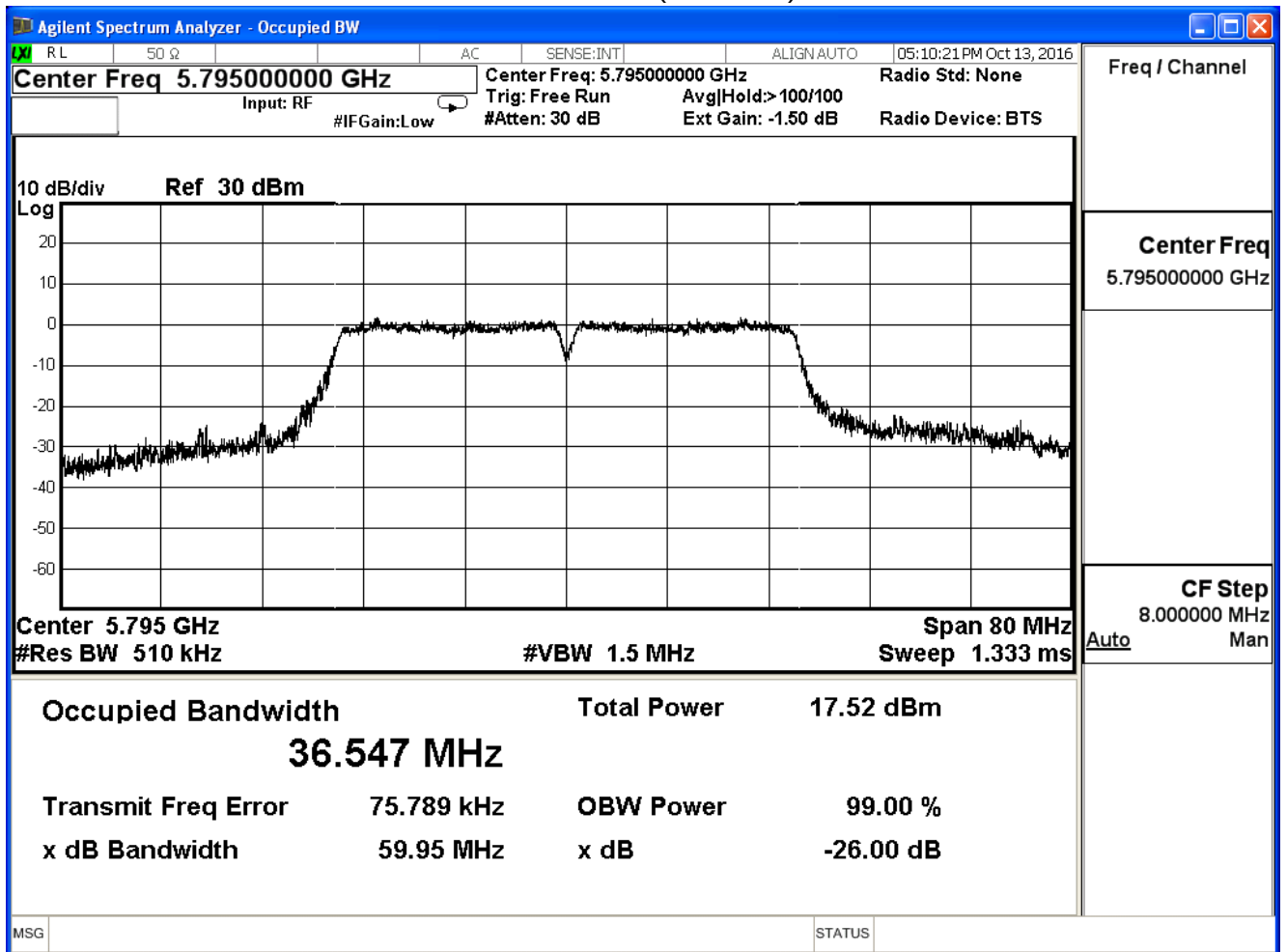
IEEE 802.11n40 (ANT 1)

| Channel No. | Frequency (MHz) | Measure Value (MHz) | Limit (MHz) |
|-------------|-----------------|---------------------|-------------|
| 151         | 5755            | 36.587              | --          |
| 159         | 5795            | 36.547              | --          |

Channel 151 (5755MHz)



Channel 159 (5795MHz)

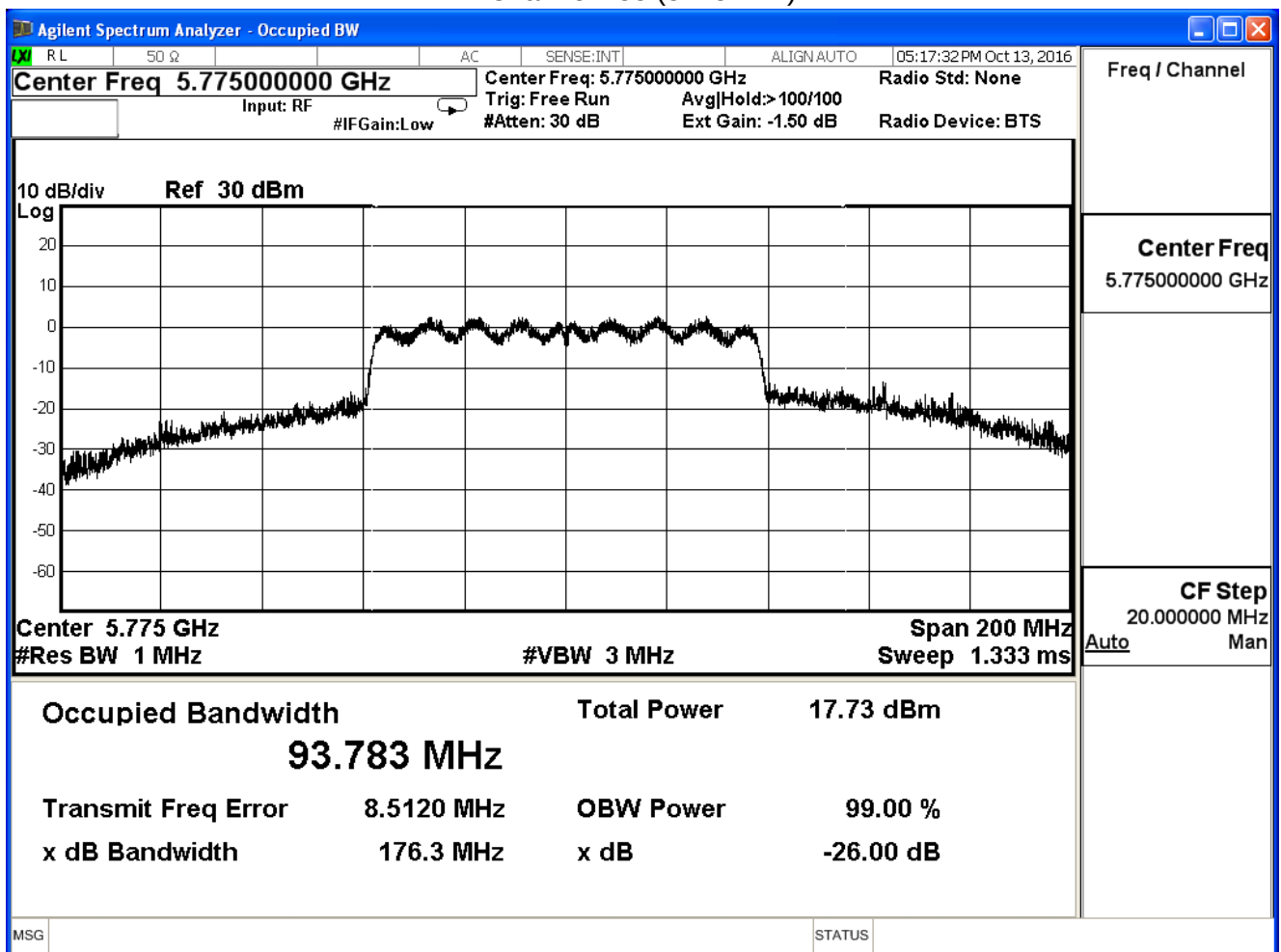


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | 99% & 26dB Bandwidth                  |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

IEEE 802.11ac80 (ANT 0)

| Channel No. | Frequency (MHz) | Measure Value (MHz) | Limit (MHz) |
|-------------|-----------------|---------------------|-------------|
| 155         | 5775            | 93.783              | --          |

Channel 155 (5775MHz)

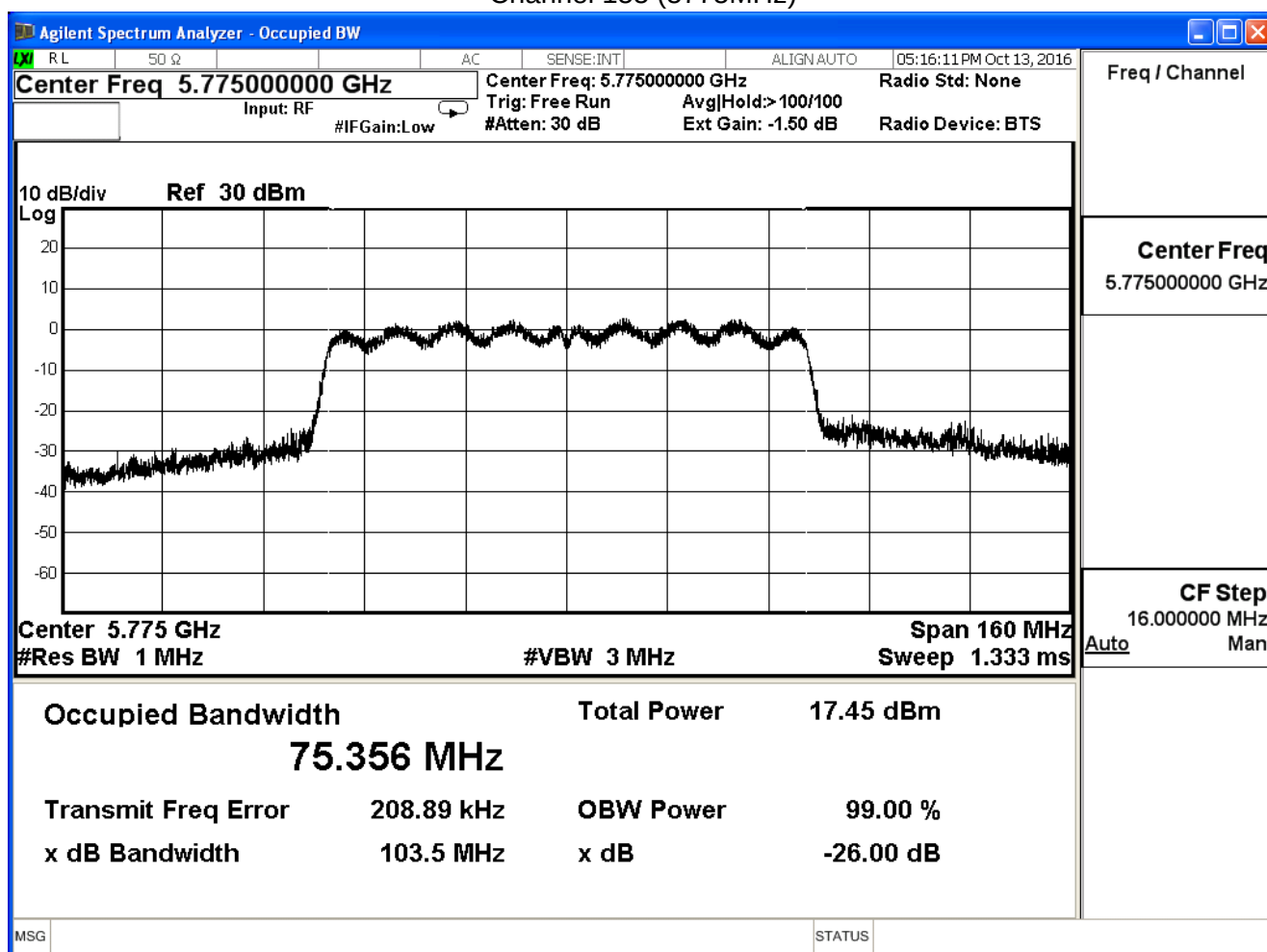


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | 99% & 26dB Bandwidth                  |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

IEEE 802.11ac80 (ANT 1)

| Channel No. | Frequency (MHz) | Measure Value (MHz) | Limit (MHz) |
|-------------|-----------------|---------------------|-------------|
| 155         | 5775            | 75.356              | --          |

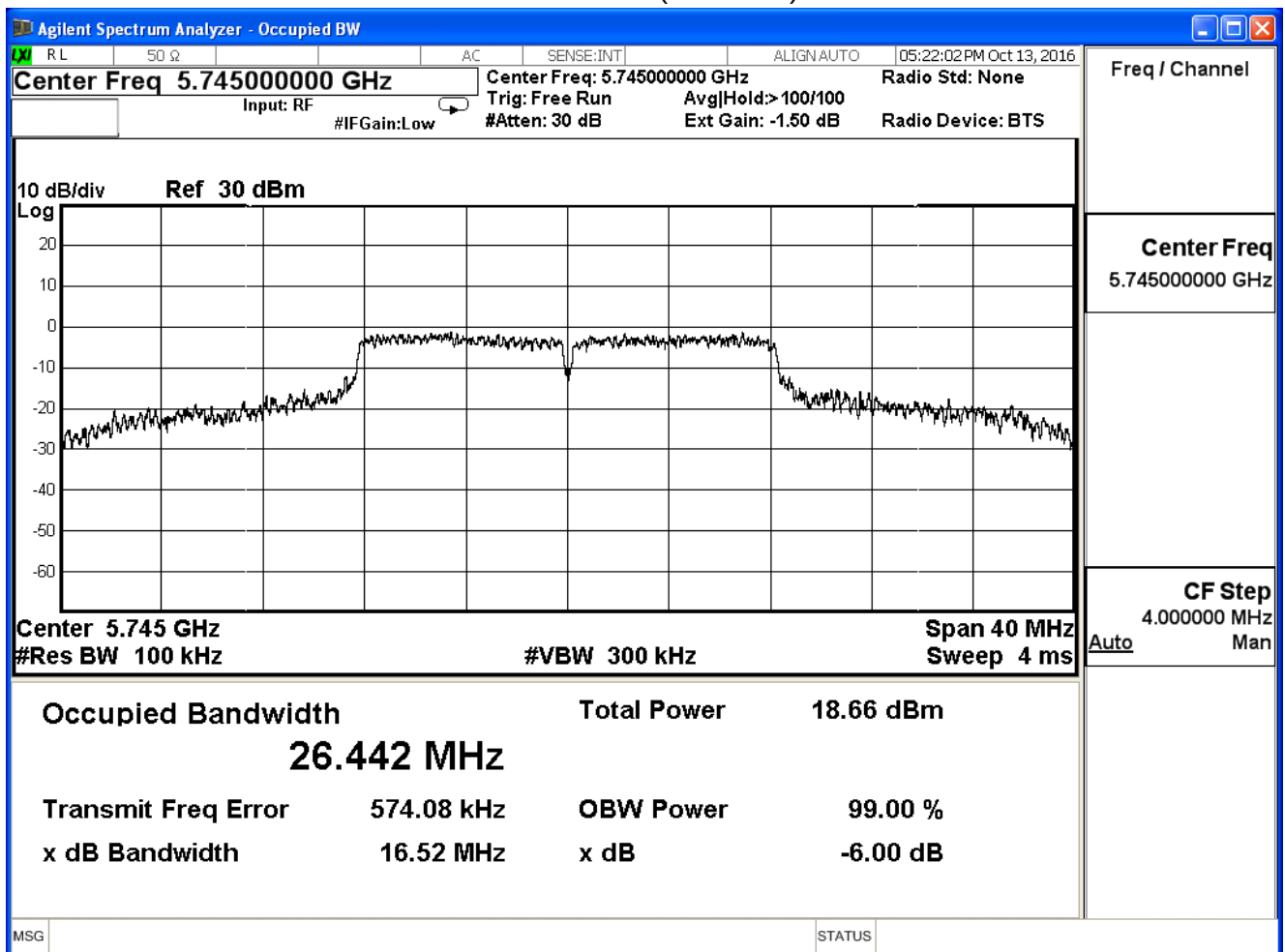
Channel 155 (5775MHz)



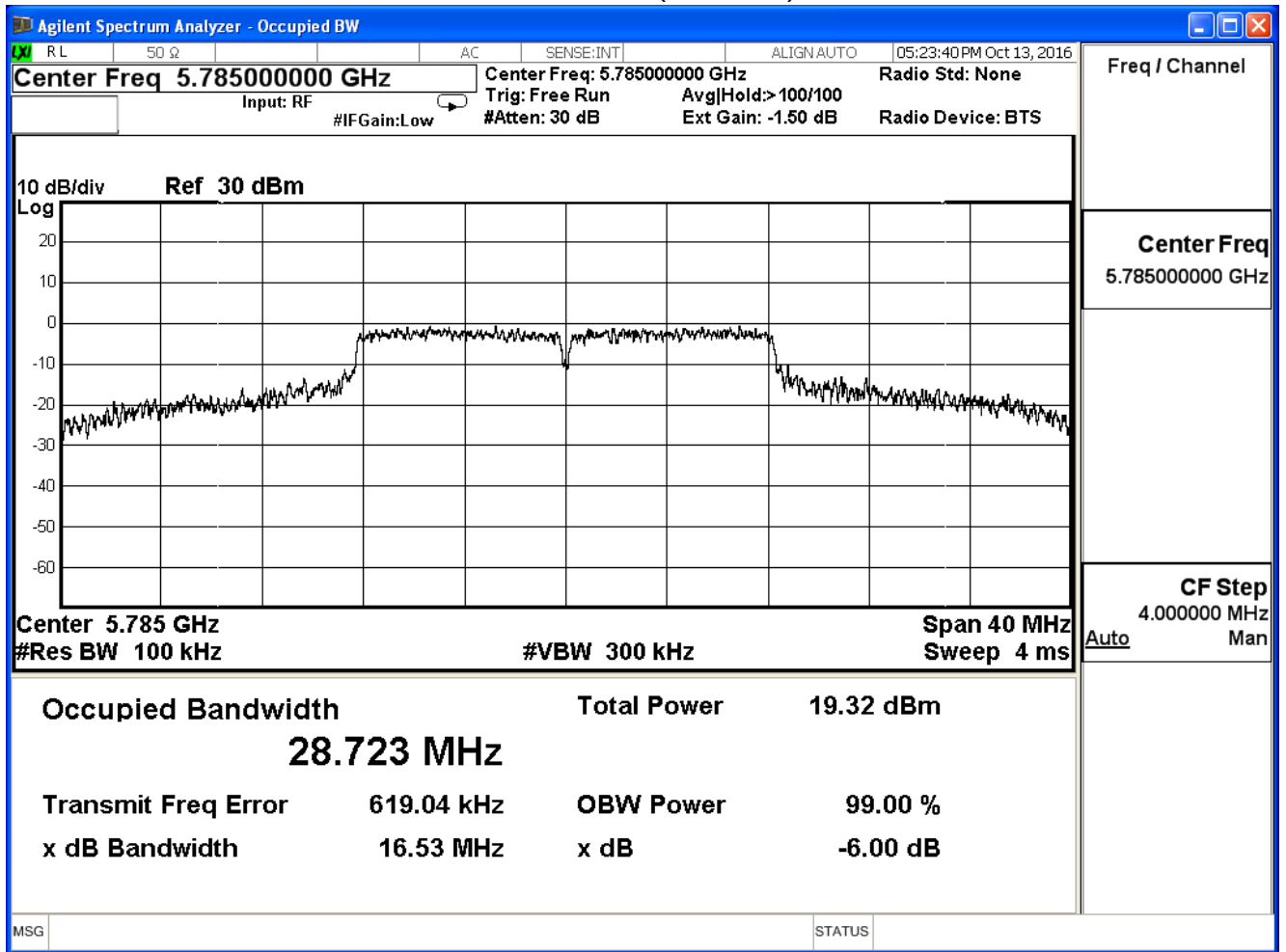
|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | DTS Bandwidth                         |           |     |
| Test Mode    | Mode 1: Transmit_SISO Mode            |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

| IEEE 802.11a (ANT 0) |                 |                     |             |        |
|----------------------|-----------------|---------------------|-------------|--------|
| Channel No.          | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
| 149                  | 5745            | 16.52               | $\geq 0.5$  | Pass   |
| 157                  | 5785            | 16.53               | $\geq 0.5$  | Pass   |
| 165                  | 5825            | 16.50               | $\geq 0.5$  | Pass   |

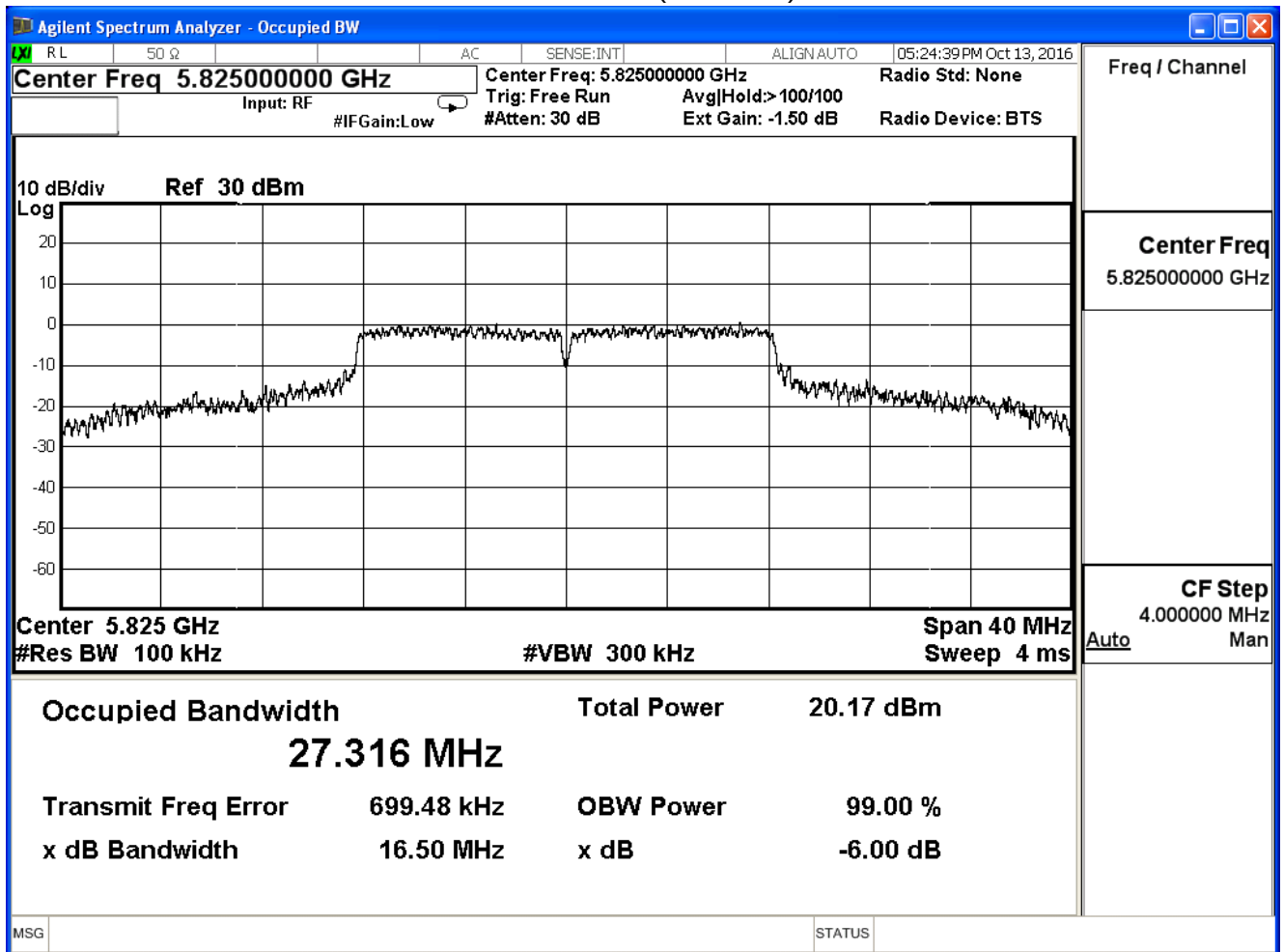
Channel 149 (5745MHz)



Channel 157 (5785MHz)



### Channel 165 (5825MHz)

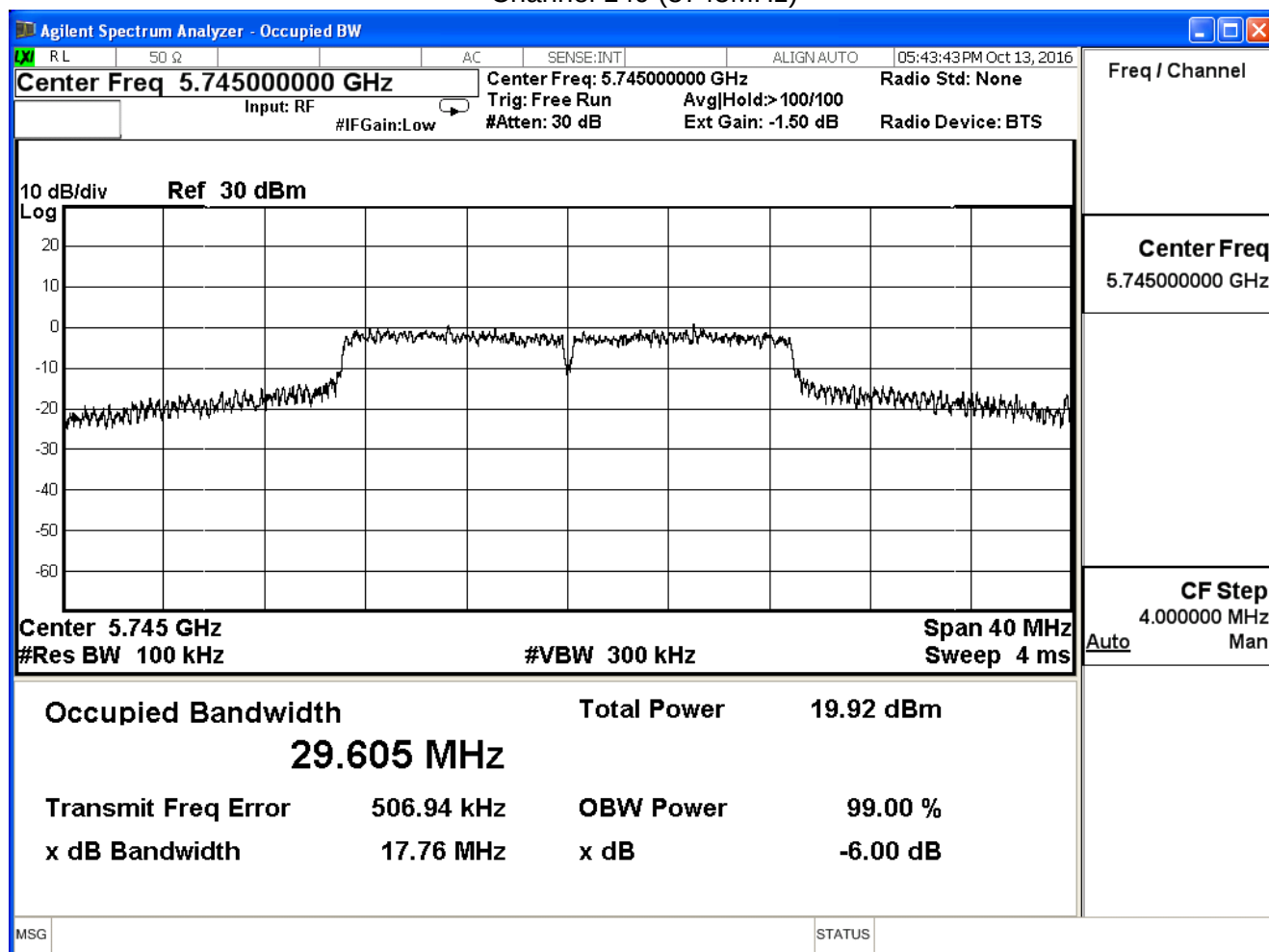


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | DTS Bandwidth                         |           |     |
| Test Mode    | Mode 2: Transmit CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

IEEE 802.11n20 (ANT 0)

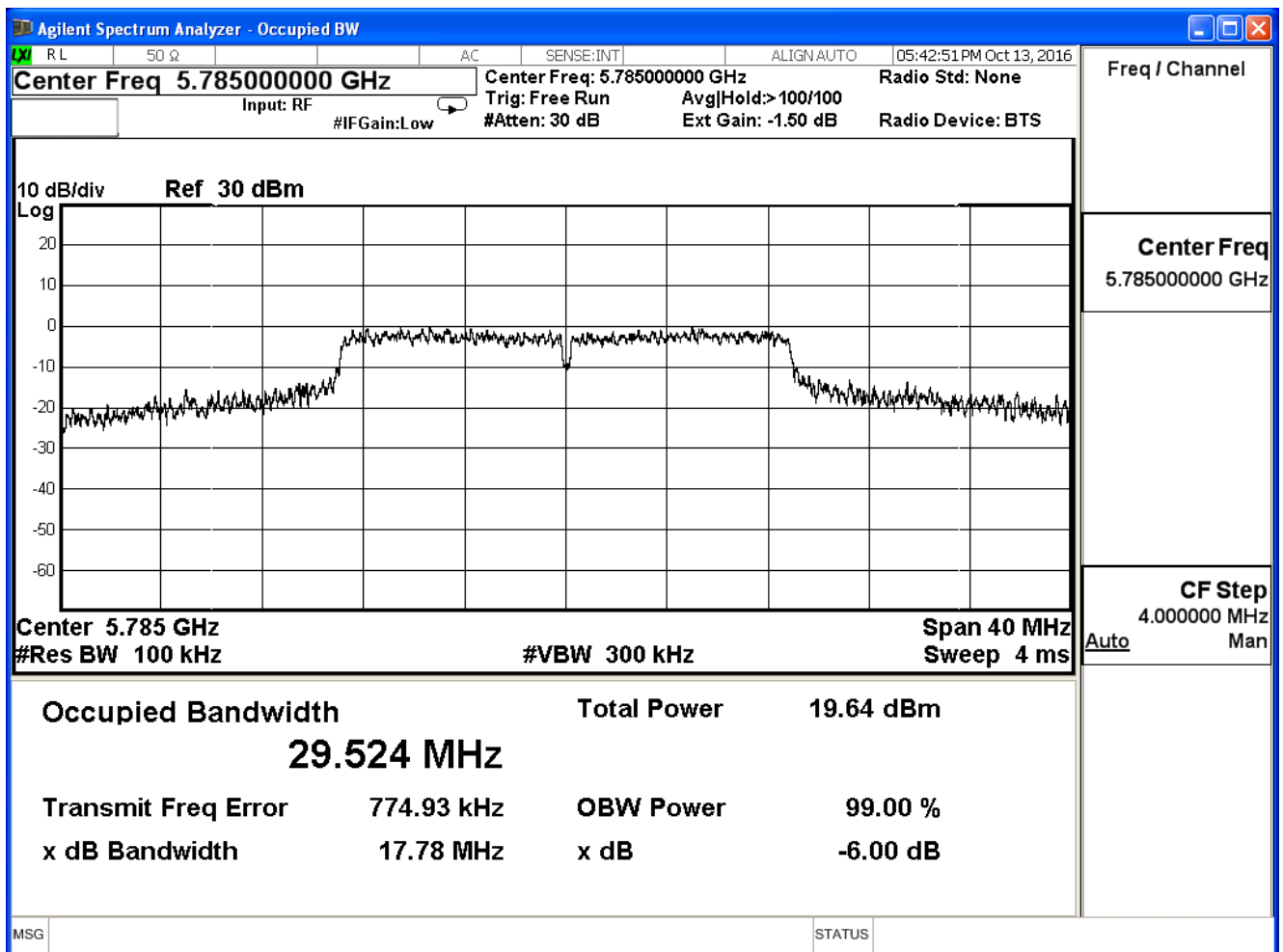
| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 149         | 5745            | 17.76               | $\geq 0.5$  | Pass   |
| 157         | 5785            | 17.78               | $\geq 0.5$  | Pass   |
| 165         | 5825            | 17.80               | $\geq 0.5$  | Pass   |

Channel 149 (5745MHz)

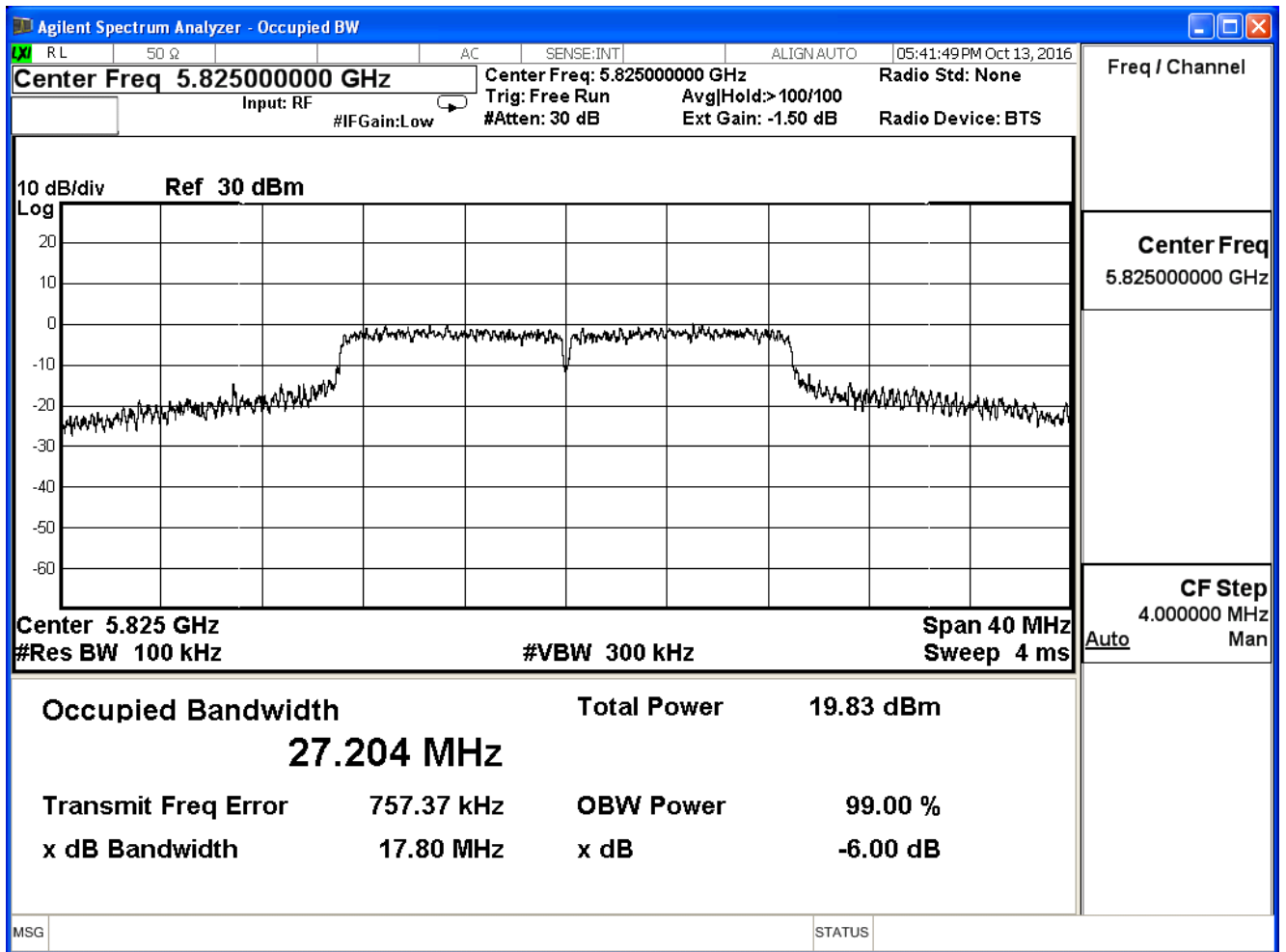




Channel 157 (5785MHz)



Channel 165 (5825MHz)

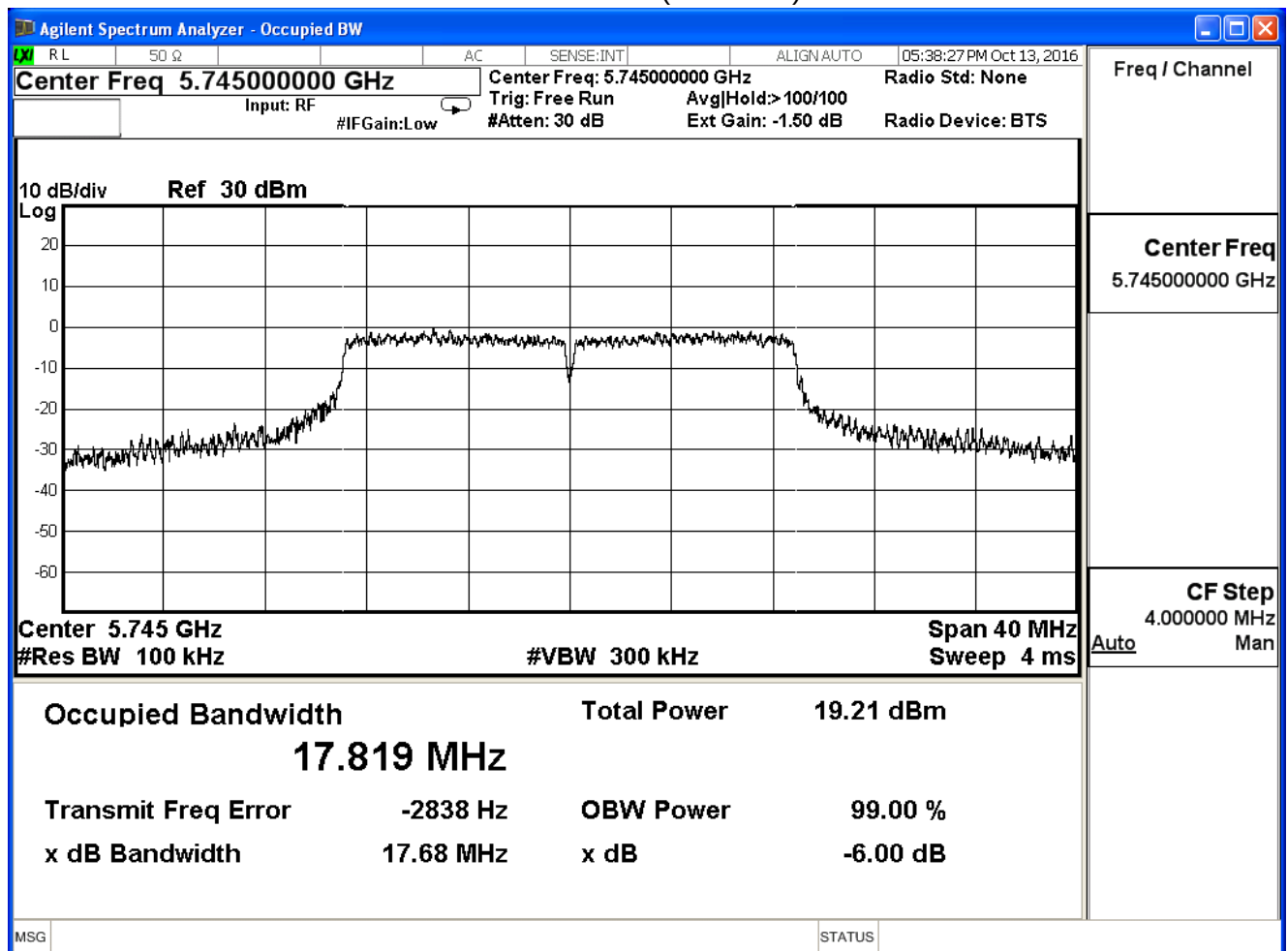


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | DTS Bandwidth                         |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

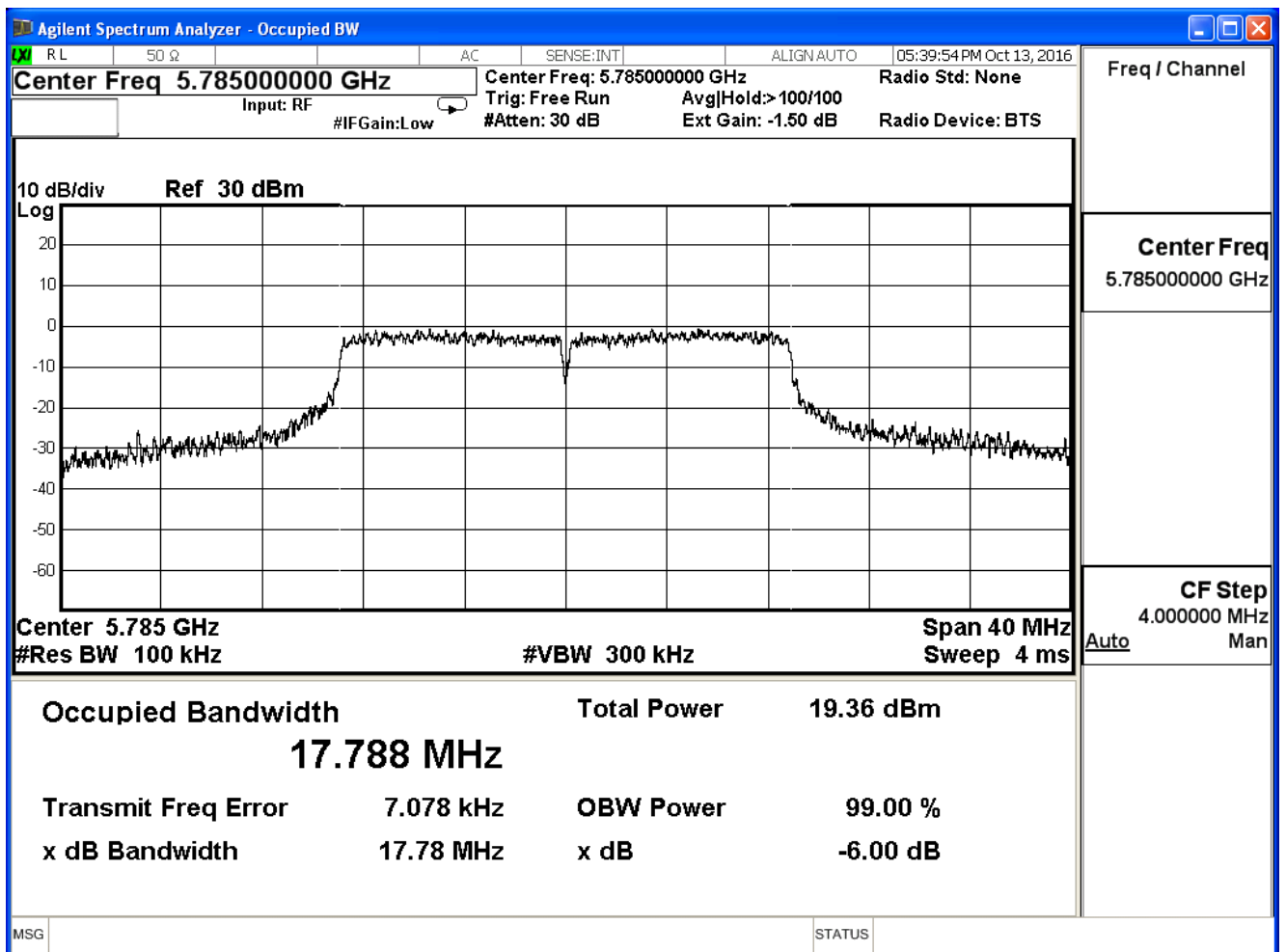
IEEE 802.11n20 (ANT 1)

| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 149         | 5745            | 17.68               | $\geq 0.5$  | Pass   |
| 157         | 5785            | 17.78               | $\geq 0.5$  | Pass   |
| 165         | 5825            | 17.81               | $\geq 0.5$  | Pass   |

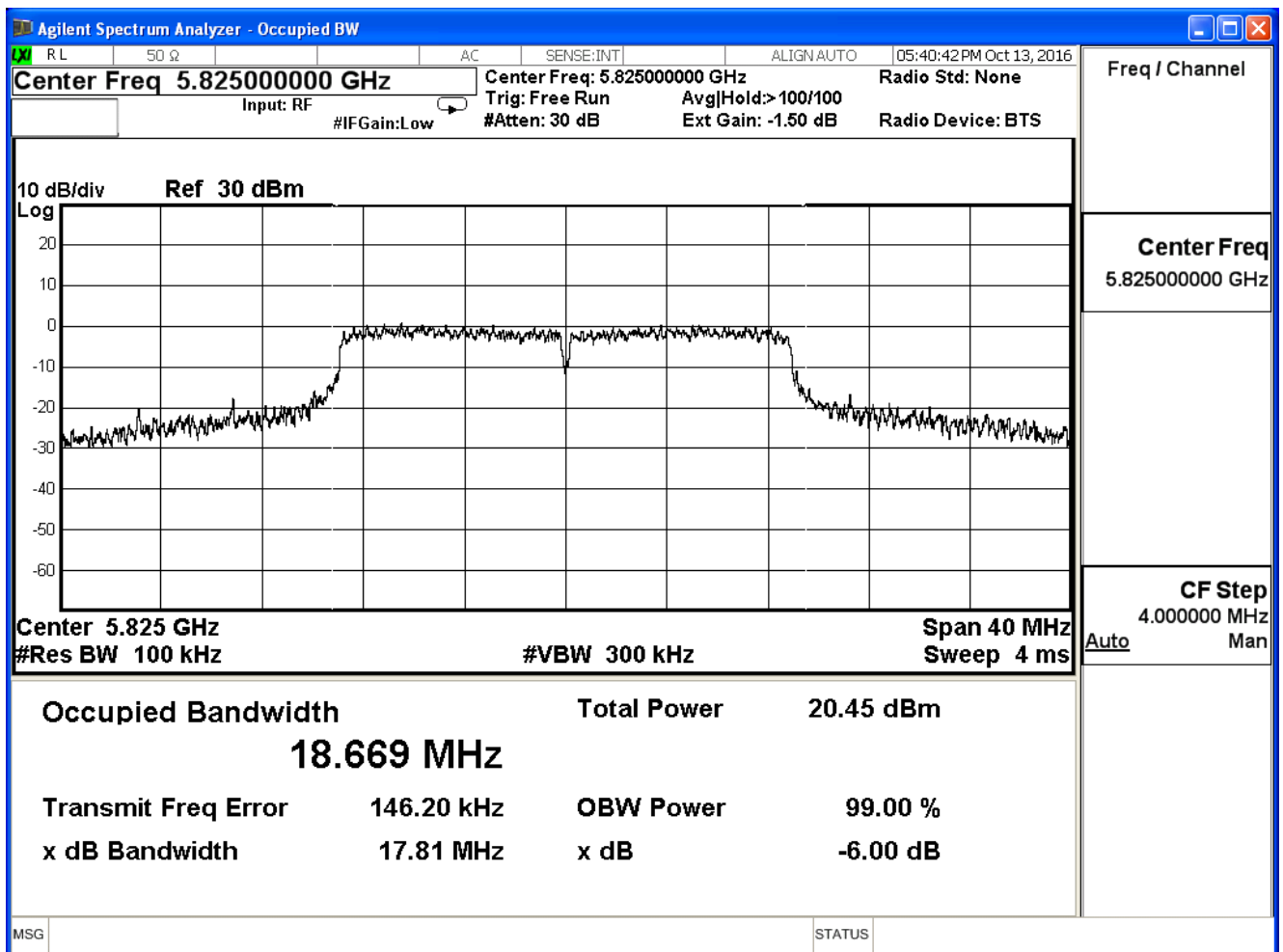
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

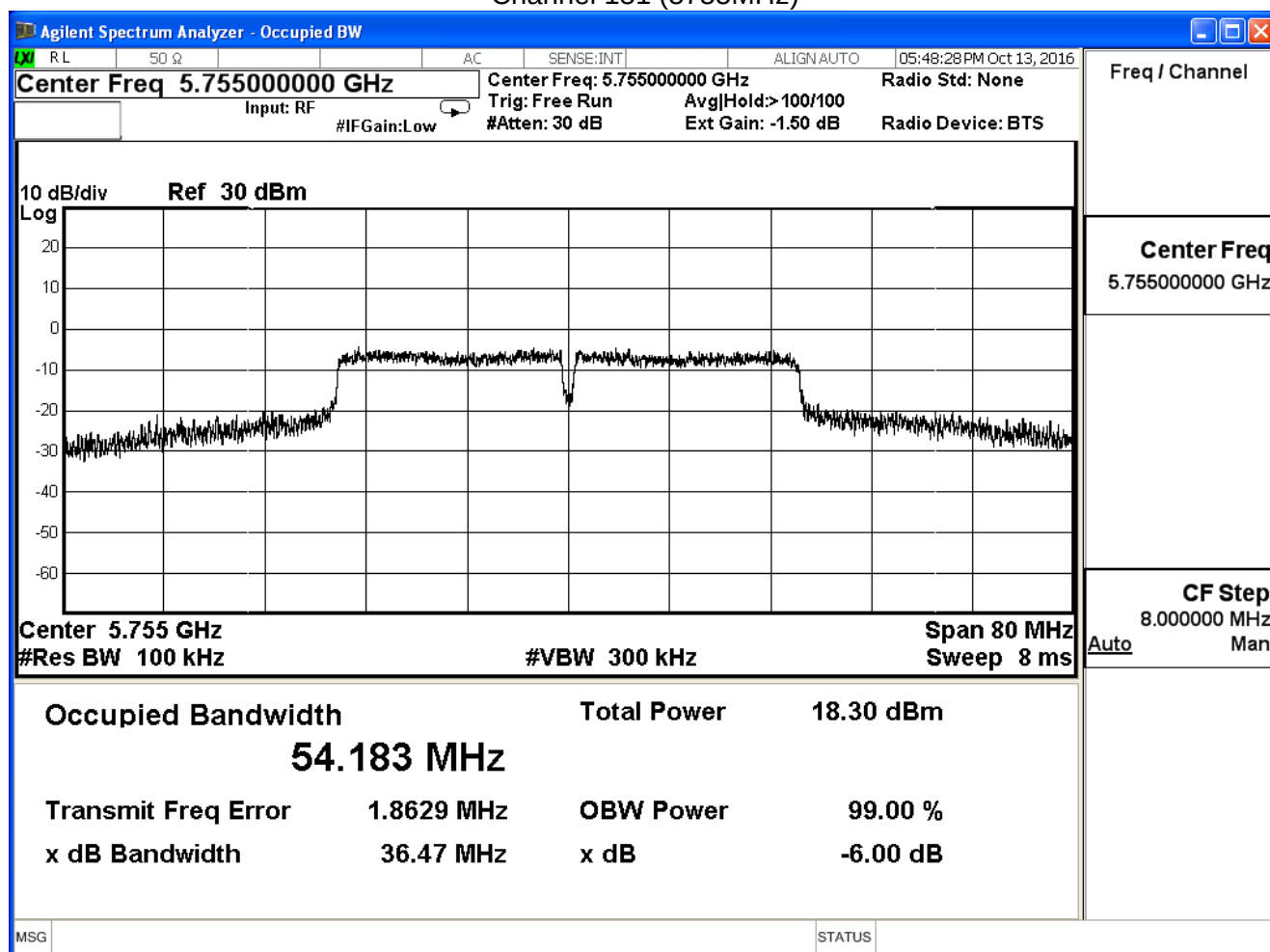


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | DTS Bandwidth                         |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

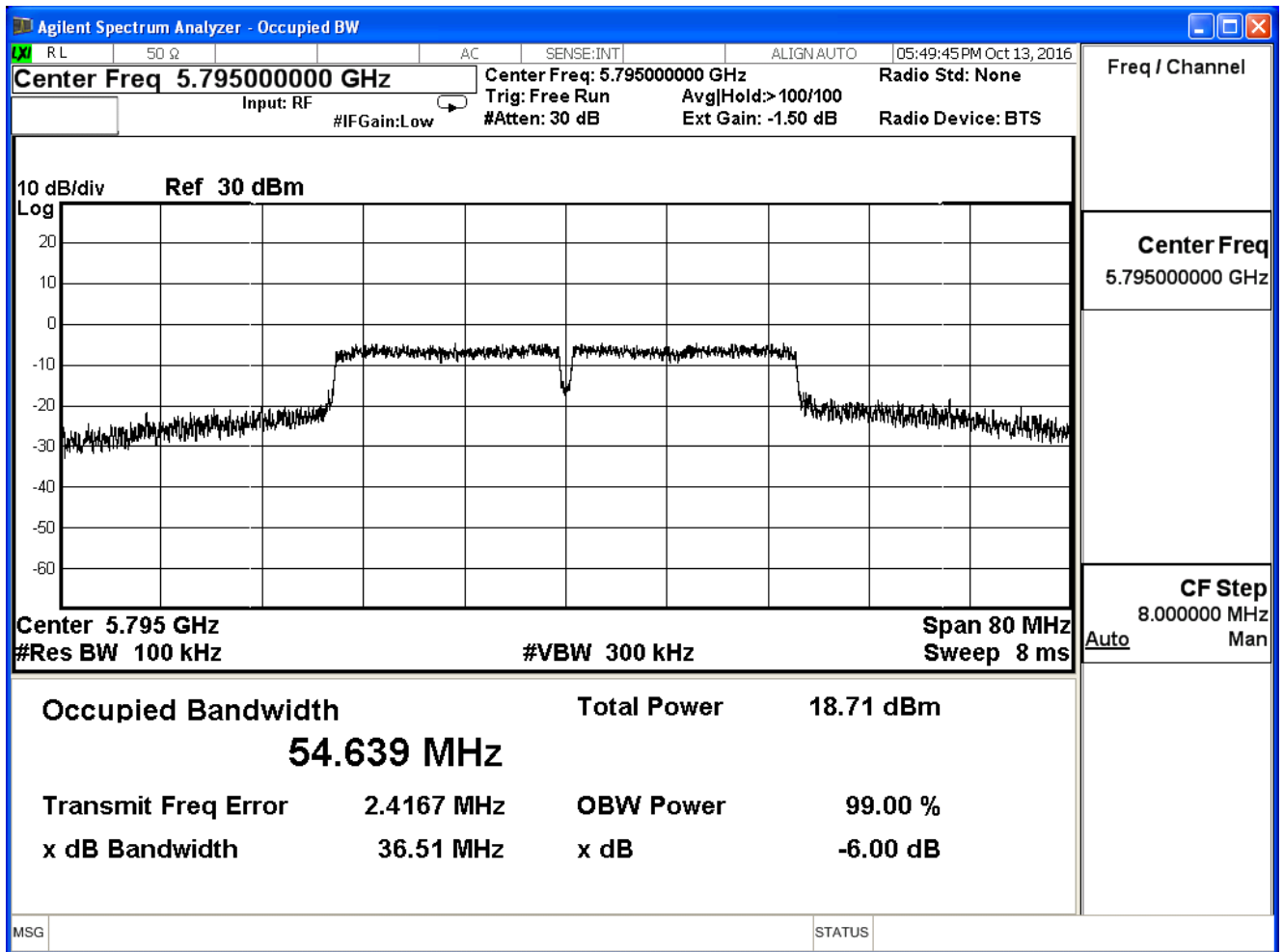
IEEE 802.11n40 (ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 151         | 5755            | 36.47               | $\geq 0.5$  | Pass   |
| 159         | 5795            | 36.51               | $\geq 0.5$  | Pass   |

Channel 151 (5755MHz)



Channel 159 (5795MHz)

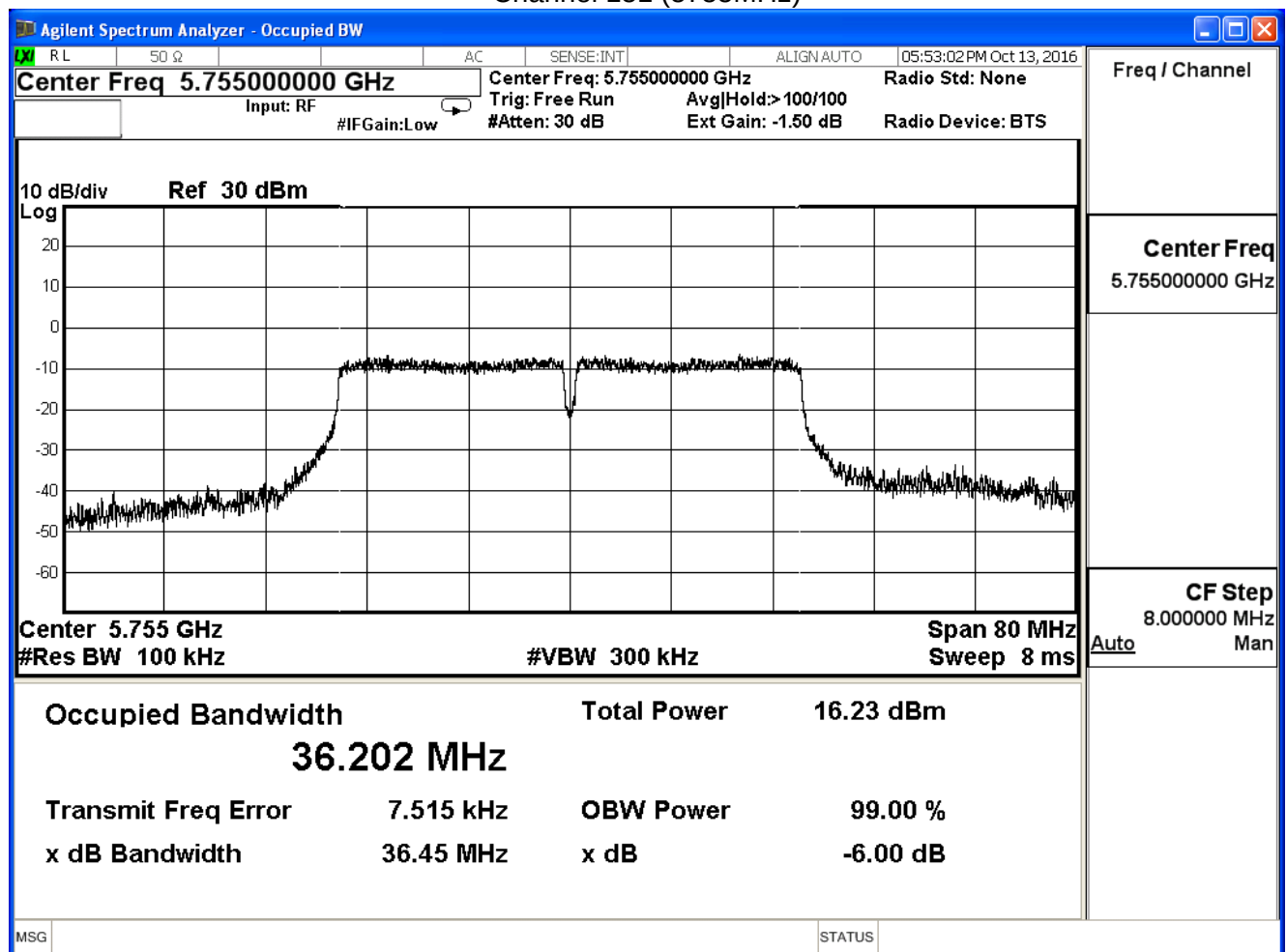


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | DTS Bandwidth                         |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

IEEE 802.11n40 (ANT 1)

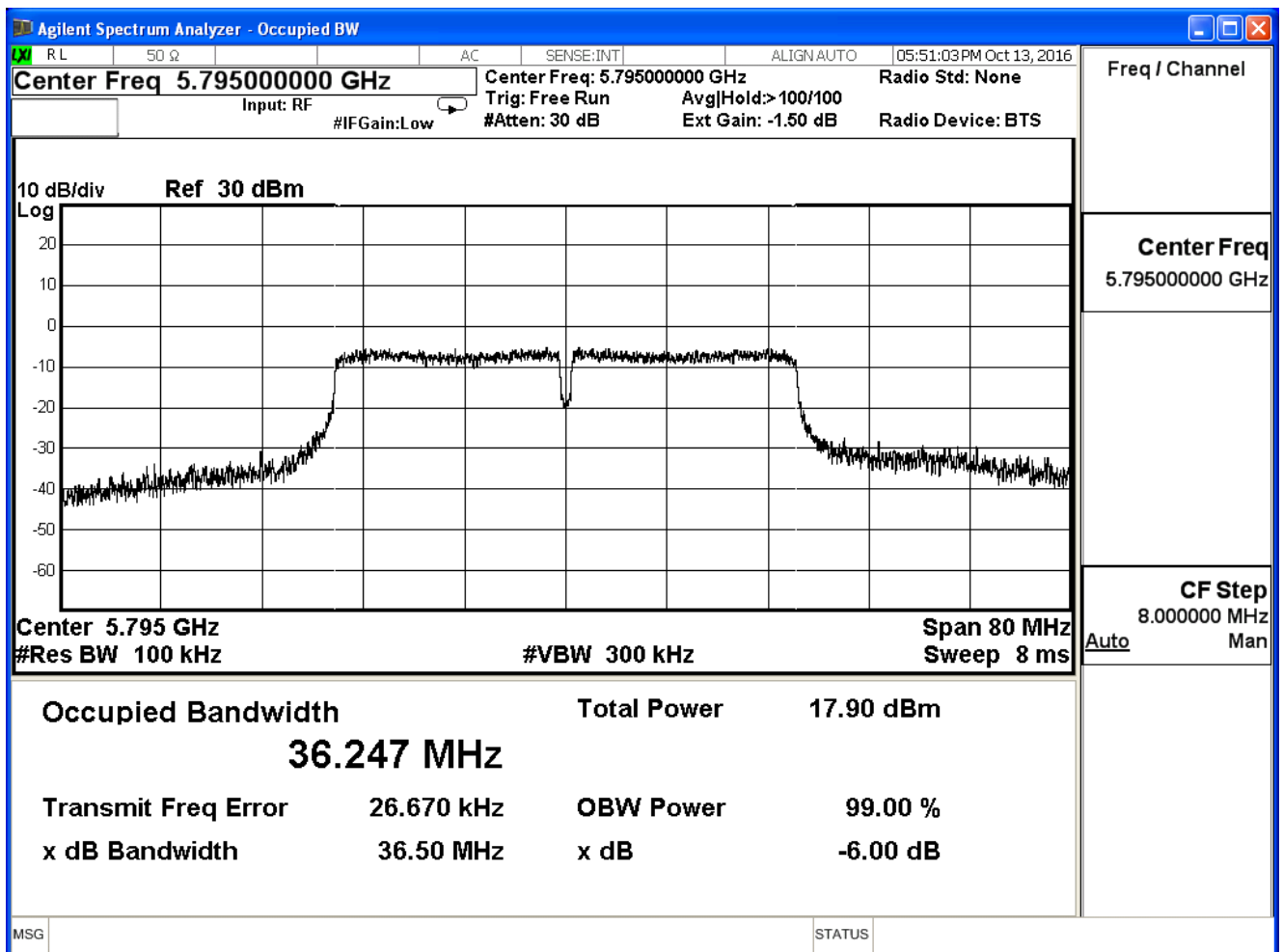
| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 151         | 5755            | 36.45               | $\geq 0.5$  | Pass   |
| 159         | 5795            | 36.50               | $\geq 0.5$  | Pass   |

Channel 151 (5755MHz)





Channel 159 (5795MHz)

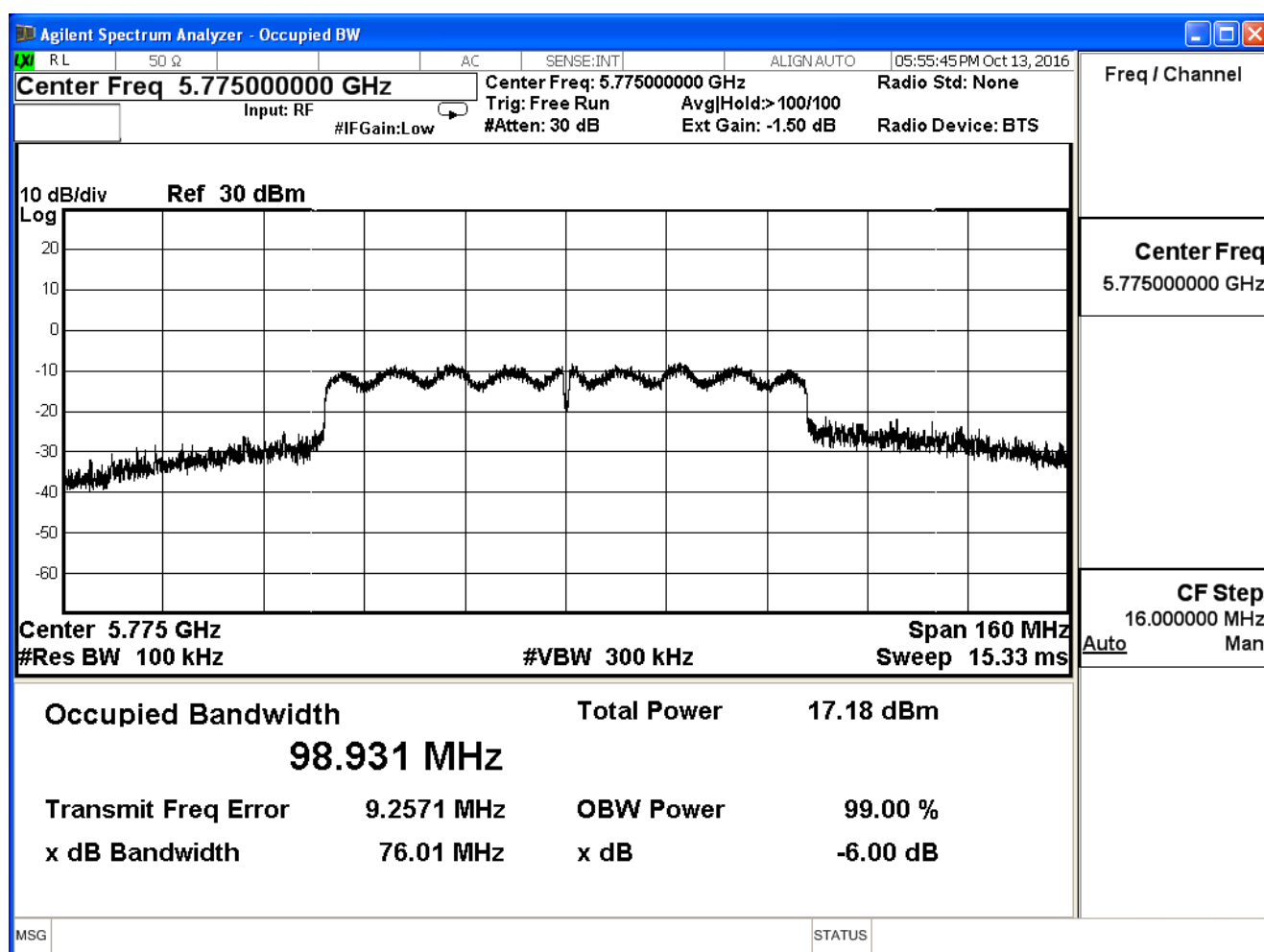


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | DTS Bandwidth                         |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

IEEE 802.11ac80 (ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 155         | 5775            | 76.01               | $\geq 0.5$  | Pass   |

Channel 155 (5775MHz)

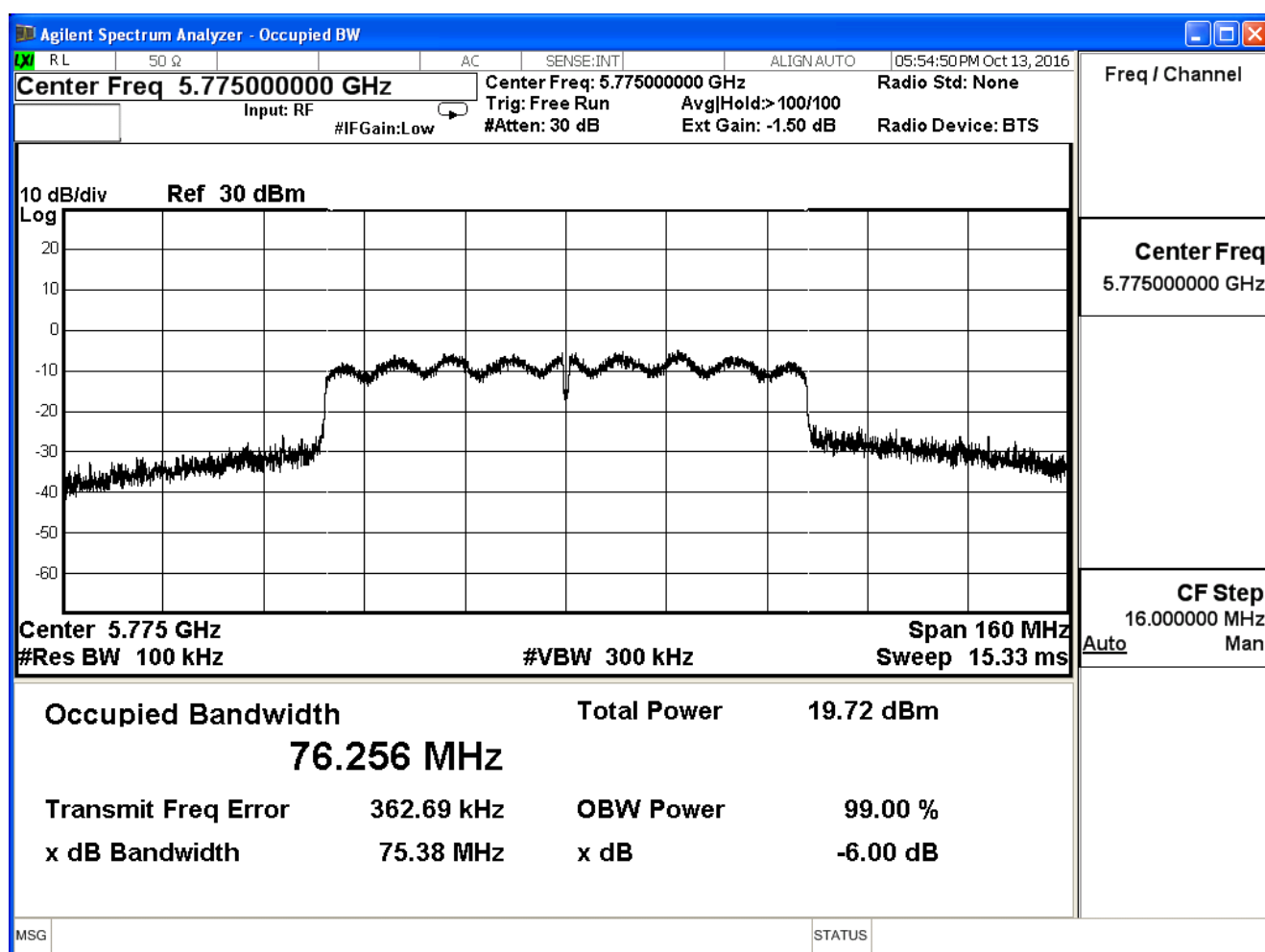


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | DTS Bandwidth                         |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

IEEE 802.11ac80 (ANT 1)

| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 155         | 5775            | 75.38               | $\geq 0.5$  | Pass   |

Channel 155 (5775MHz)



## 4. Peak Transmit power

### 4.1. Test Equipment

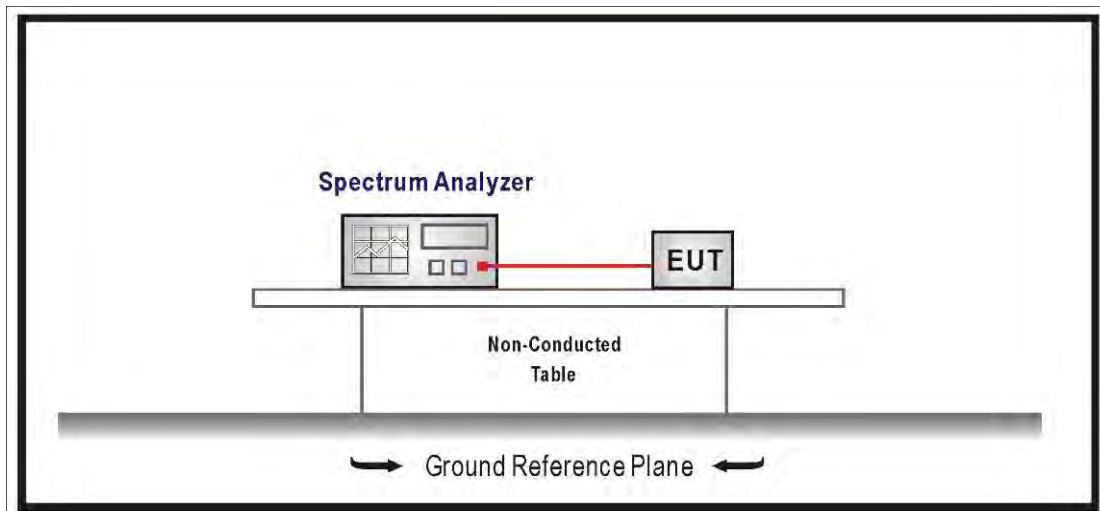
The following test equipments are used during the radiated emission tests:

Peak Transmit power / SR7

| Instrument                 | Manufacturer | Model No. | Serial No  | Next Cal. Date |
|----------------------------|--------------|-----------|------------|----------------|
| Spectrum Analyzer          | Agilent      | N9010A    | US47140172 | 2017/08/08     |
| Signal & Spectrum Analyzer | R&S          | FSV40     | 101049     | 2017/01/05     |
| Signal Analyzer            | R&S          | FSV7      | 101650     | 2017/11/15     |

Note: All equipments that need to calibrate are with calibration period of 1 year.

### 4.2. Test Setup



#### **4.3. Limits**

1. For the band 5.15-5.25 GHz, the peak transmit power over the frequency band of operation shall not exceed the lesser of 1W. If transmitting antenna of directional gain greater than 6 dBi are used, the peak transmit power shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
2. For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. The maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
3. For the band 5.25-5.35 GHz, the peak transmit power over the frequency band of operation shall not exceed the lesser of 250 mW. If transmitting antenna of directional gain greater than 6 dBi are used, the peak transmit power shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
4. For the band 5.725-5.850 GHz, the peak transmit power over the frequency band of operation shall not exceed the lesser of 1W. If transmitting antenna of directional gain greater than 6 dBi are used, the peak transmit power shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.

#### **4.4. Test Procedure**

The EUT was setup to ANSI C63.10: 2013; tested to U-NII test procedure of 789033 D02 V01r03 and 662911 D01 v02r01 for compliance to FCC 47CFR Subpart E requirements. The Method SA-1 of the Maximum conducted output power was used.

Set RBW=1MHz, VBW=3MHz with RMS detector and trace average 100 traces in power averaging mode. Set span to encompass the entire emission bandwidth (EBW) of the signal. Compute power by integrating the spectrum across the 26 dB EBW of the signal.

#### **4.5. Uncertainty**

The measurement uncertainty is defined as  $\pm 1.27$  dB

#### 4.6. Test Result

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit Output                  |           |     |
| Test Mode    | Mode 1: Transmit_SISO Mode            |           |     |
| Date of Test | 2016/11/15                            | Test Site | SR7 |

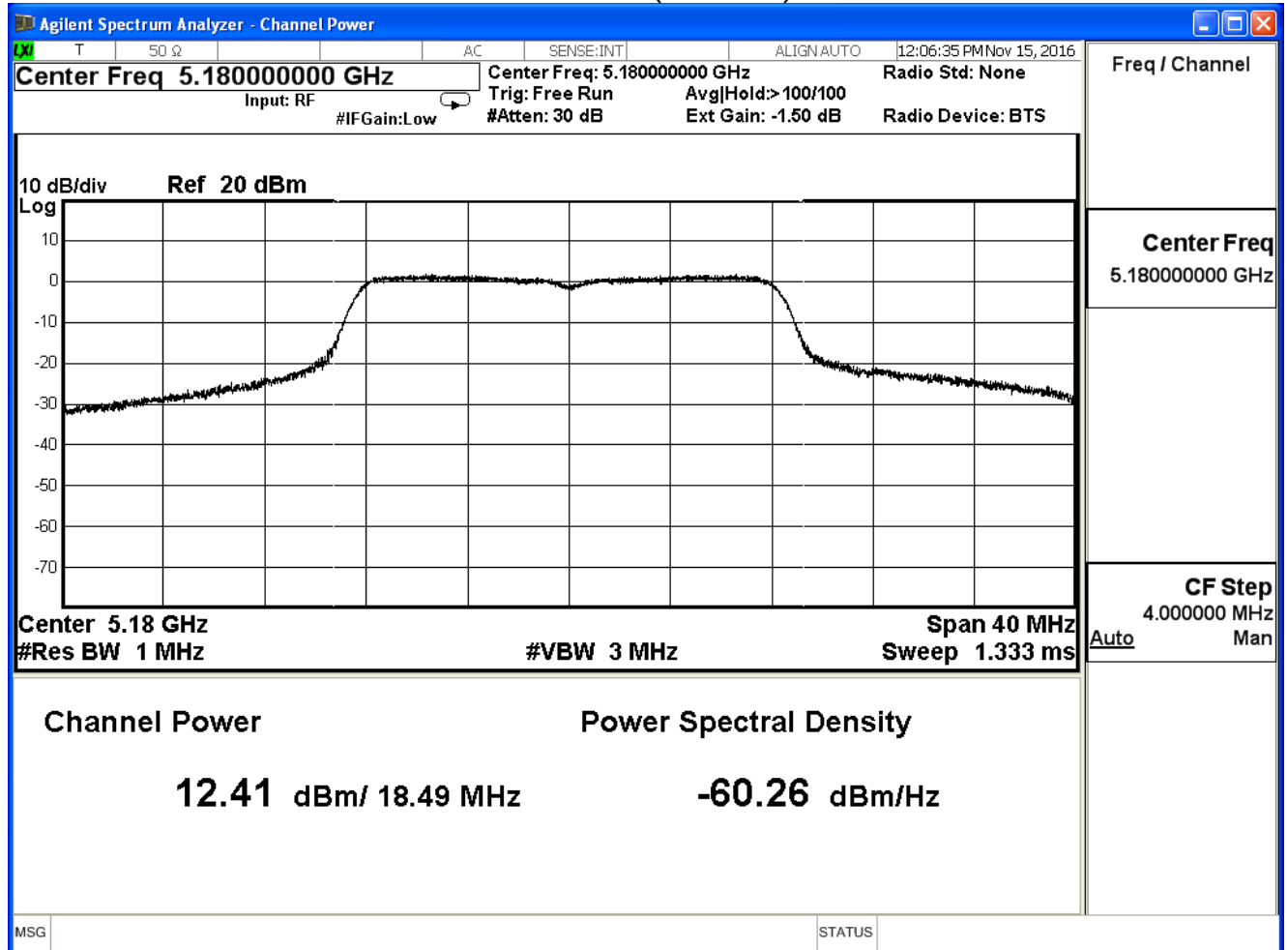
#### IEEE 802.11a (ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) |
|-------------|-----------------|---------------------|-------------|
| 36          | 5180            | 12.41               | ≤24         |
| 44          | 5220            | 12.58               | ≤24         |
| 48          | 5240            | 12.54               | ≤24         |

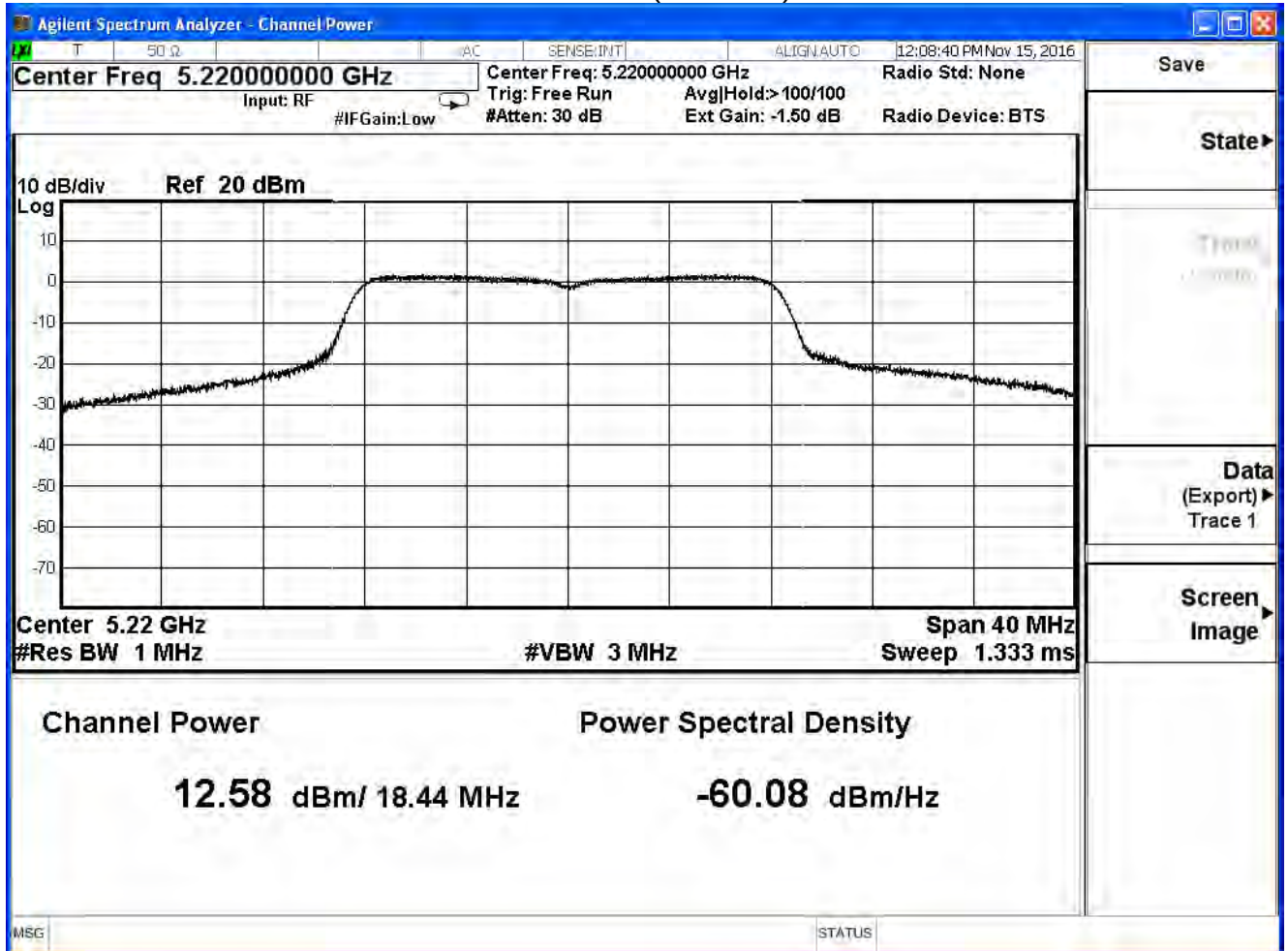
The worst emission of data rate is 6 Mbps.

| Peak Power Output (dBm) |                 |           |       |       |       |       |       |       |       |                |
|-------------------------|-----------------|-----------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Channel No              | Frequency (MHz) | Data Rate |       |       |       |       |       |       |       | Required Limit |
|                         |                 | 6         | 9     | 12    | 18    | 24    | 36    | 48    | 54    |                |
| 36                      | 5180            | 12.41     | --    | --    | --    | --    | --    | --    | --    | ≤ 24           |
| 44                      | 5220            | 12.58     | 12.55 | 12.51 | 12.46 | 12.42 | 12.39 | 12.35 | 12.32 | ≤ 24           |
| 48                      | 5240            | 12.54     | --    | --    | --    | --    | --    | --    | --    | ≤ 24           |

### Channel 36 (5180MHz)

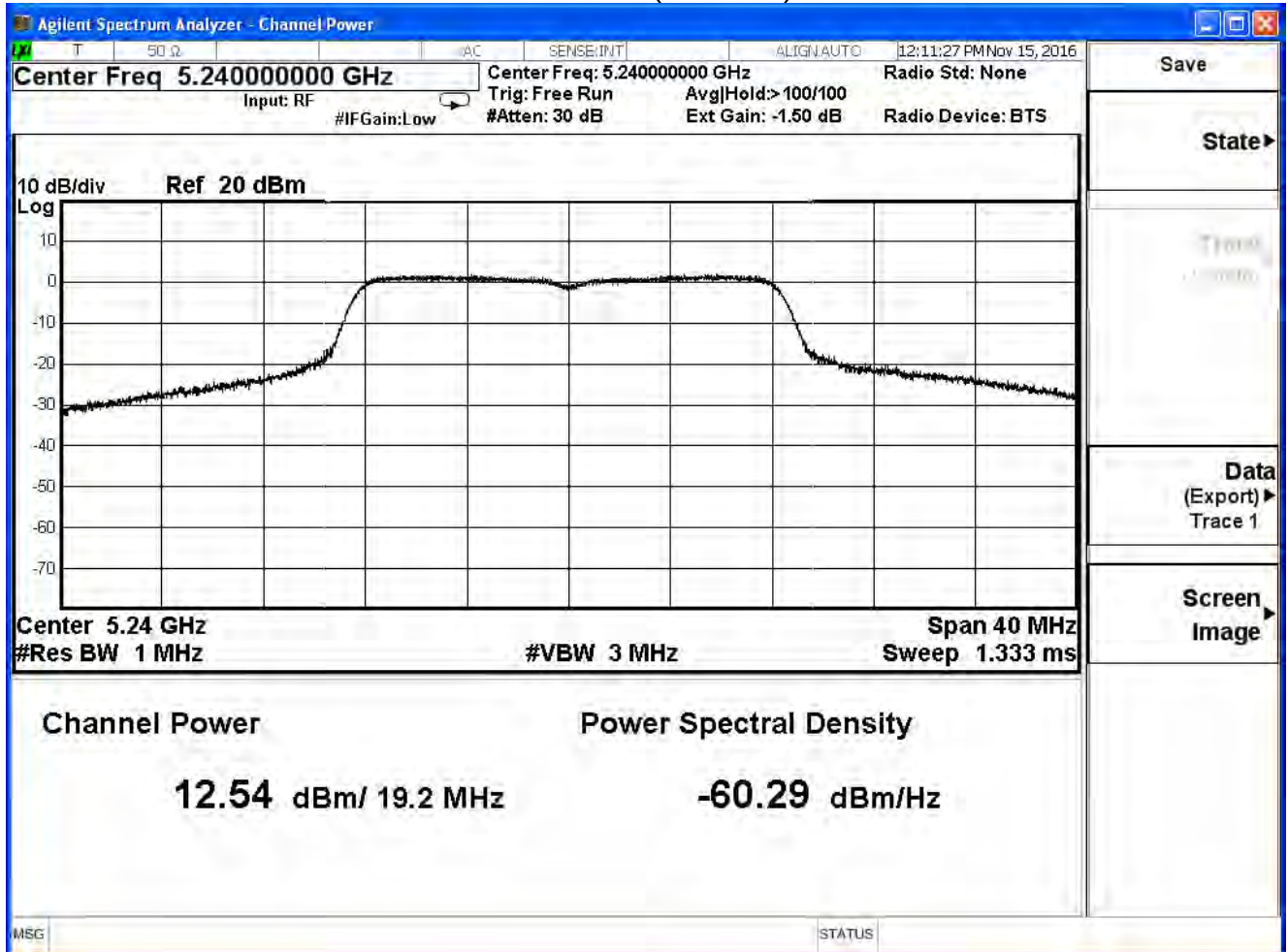


### Channel 44 (5220MHz)





### Channel 48 (5240MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/11/15                            | Test Site | SR7 |

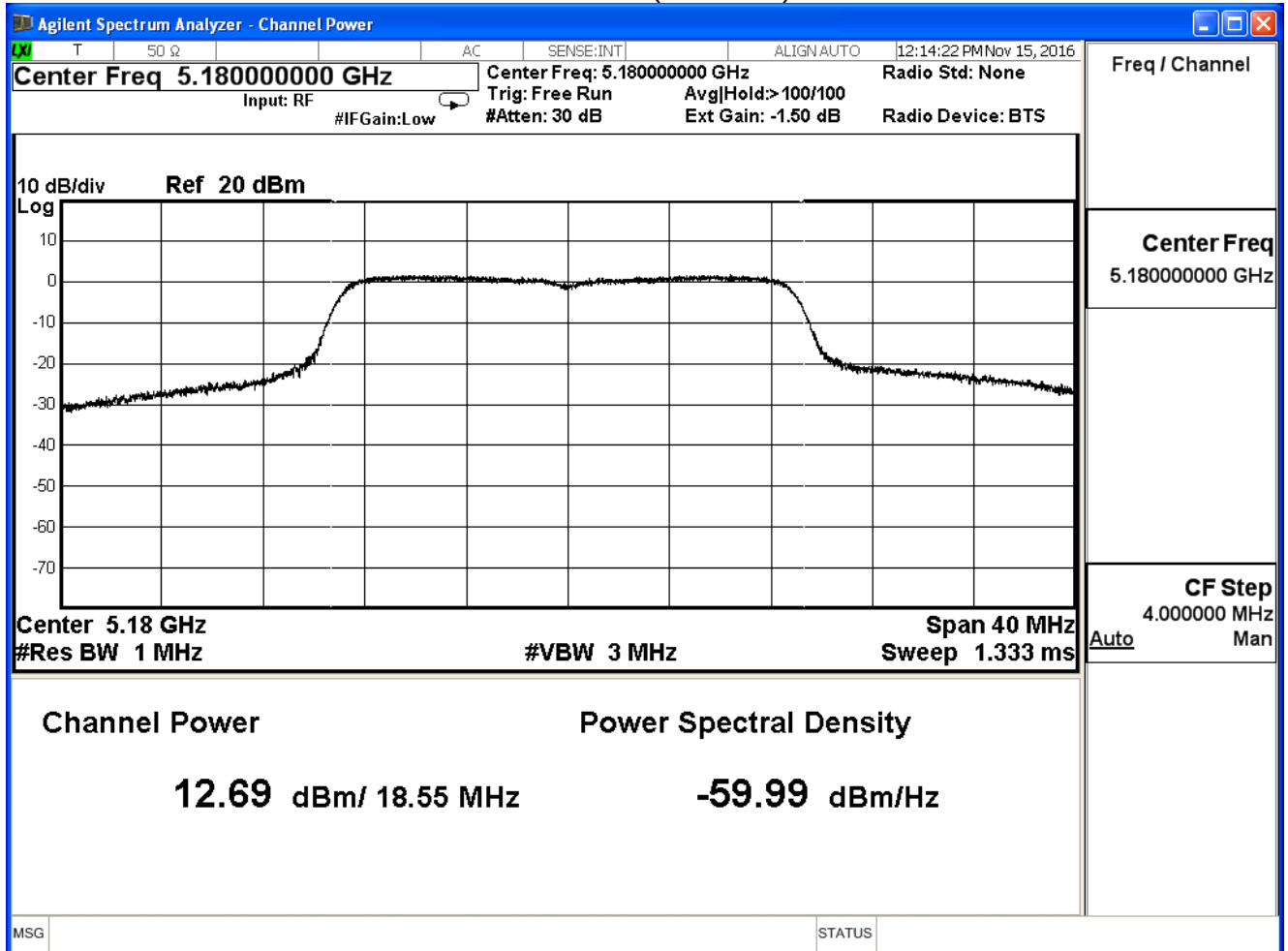
#### IEEE 802.11n20 (ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) |
|-------------|-----------------|---------------------|-------------|
| 36          | 5180            | 12.69               | $\leq 24$   |
| 44          | 5220            | 12.64               | $\leq 24$   |
| 48          | 5240            | 12.52               | $\leq 24$   |

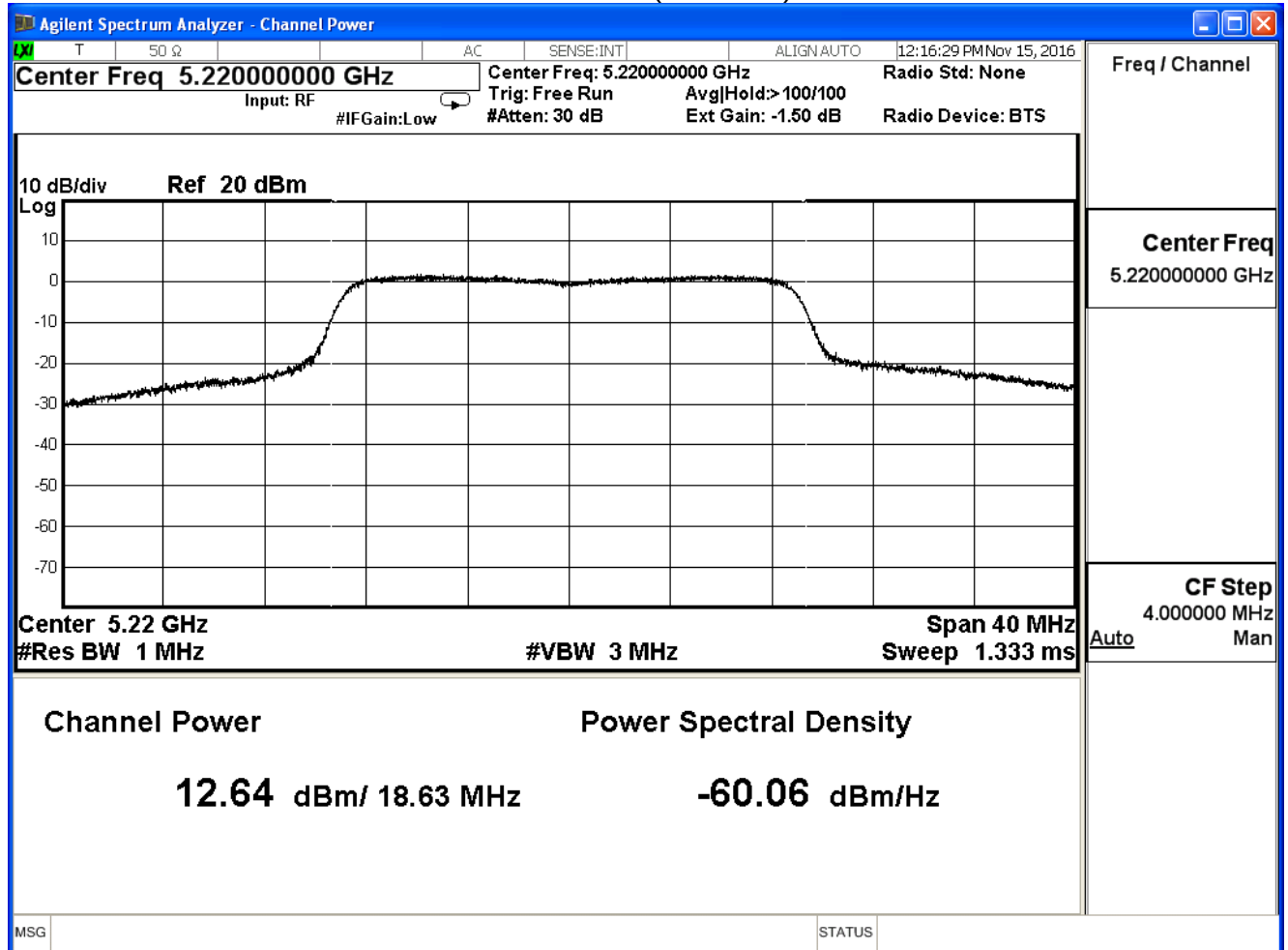
The worst emission of data rate is 6.5 Mbps

| Peak Power Output (dBm) |                    |           |       |       |       |       |       |       |       |                   |
|-------------------------|--------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| MCS Index               |                    | 0         | 1     | 2     | 3     | 4     | 5     | 6     | 7     | Required<br>Limit |
| Channel<br>No           | Frequency<br>(MHz) | Data Rate |       |       |       |       |       |       |       |                   |
|                         |                    | 6.5       | 13    | 19.5  | 26    | 39    | 52    | 58.5  | 65    |                   |
| 36                      | 5180               | 12.69     | --    | --    | --    | --    | --    | --    | --    | ≤ 24              |
| 44                      | 5220               | 12.64     | 12.61 | 12.57 | 12.53 | 12.48 | 12.43 | 12.37 | 12.34 | ≤ 24              |
| 48                      | 5240               | 12.52     | --    | --    | --    | --    | --    | --    | --    | ≤ 24              |

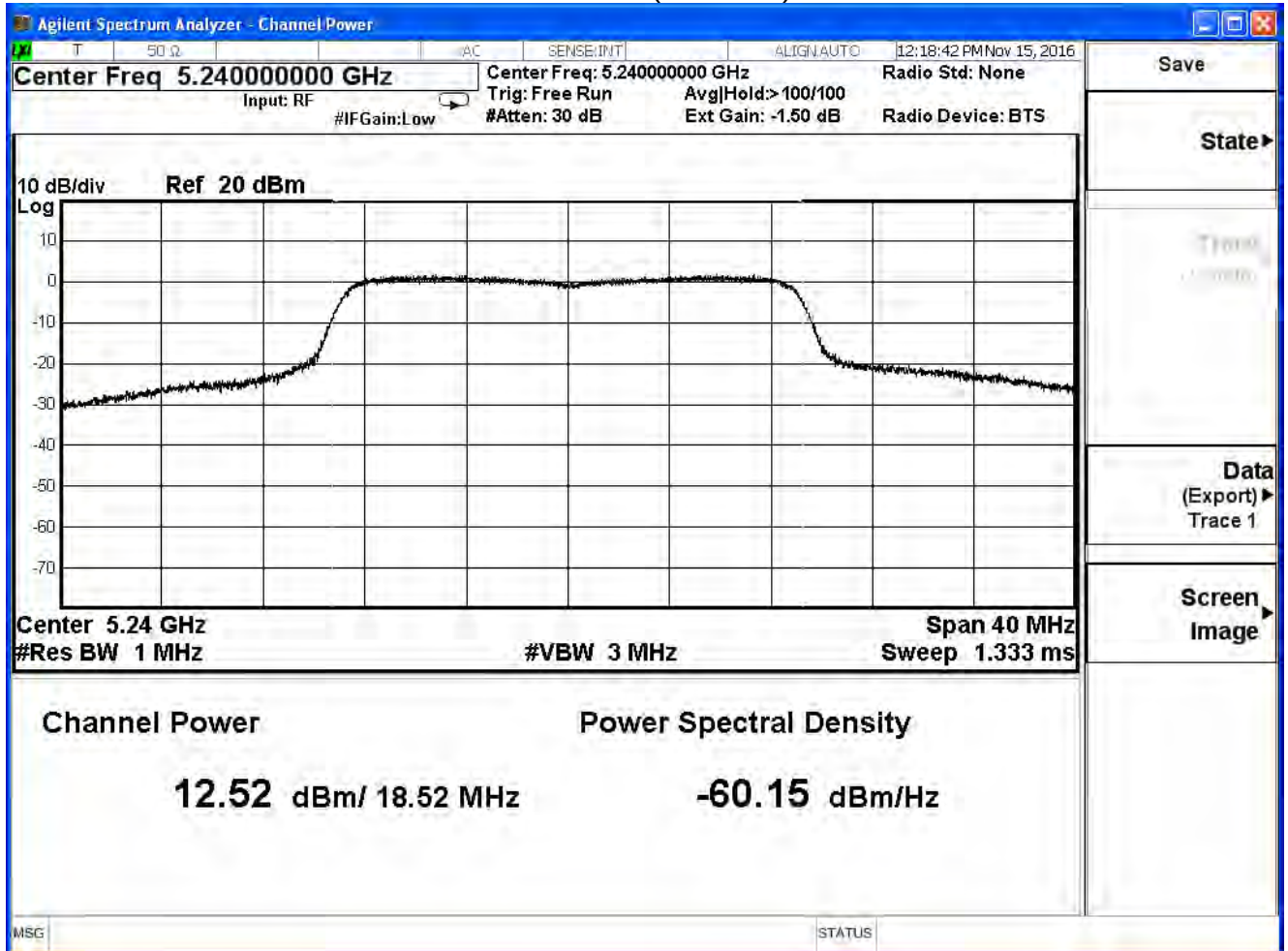
### Channel 36 (5180MHz)



### Channel 44 (5220MHz)



### Channel 48 (5240MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/11/15                            | Test Site | SR7 |

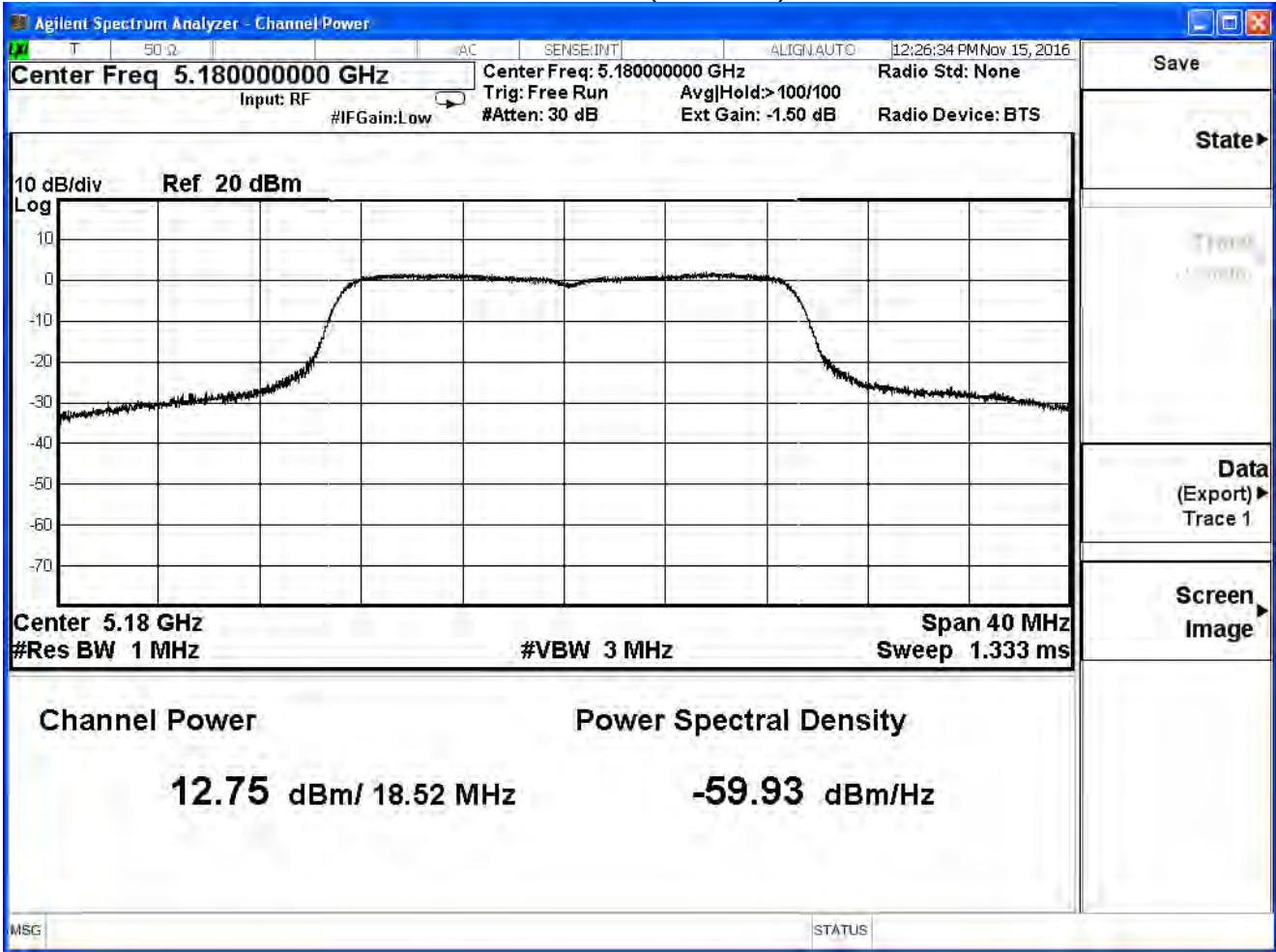
IEEE 802.11n20 (ANT 1)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) |
|-------------|-----------------|---------------------|-------------|
| 36          | 5180            | 12.75               | $\leq 24$   |
| 44          | 5220            | 12.58               | $\leq 24$   |
| 48          | 5240            | 12.57               | $\leq 24$   |

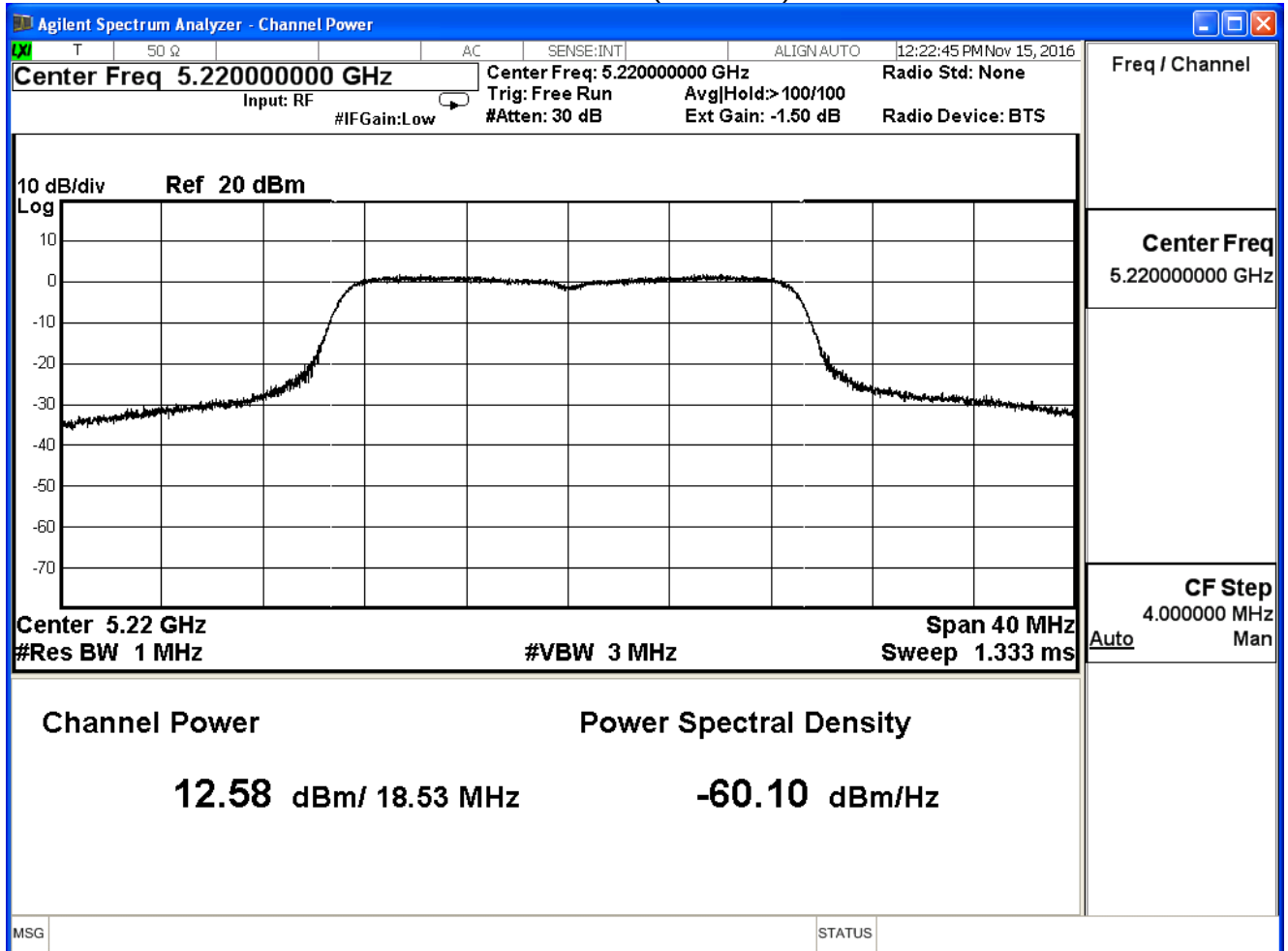
The worst emission of data rate is 6.5 Mbps

| Peak Power Output (dBm) |                 |           |       |       |       |       |       |       |       |                |
|-------------------------|-----------------|-----------|-------|-------|-------|-------|-------|-------|-------|----------------|
| MCS Index               |                 | 0         | 1     | 2     | 3     | 4     | 5     | 6     | 7     | Required Limit |
| Channel No              | Frequency (MHz) | Data Rate |       |       |       |       |       |       |       |                |
|                         |                 | 6.5       | 13    | 19.5  | 26    | 39    | 52    | 58.5  | 65    |                |
| 36                      | 5180            | 12.75     | --    | --    | --    | --    | --    | --    | --    | ≤ 24           |
| 44                      | 5220            | 12.58     | 12.54 | 12.47 | 12.43 | 12.41 | 12.39 | 12.36 | 12.30 | ≤ 24           |
| 48                      | 5240            | 12.57     | --    | --    | --    | --    | --    | --    | --    | ≤ 24           |

Channel 36 (5180MHz)

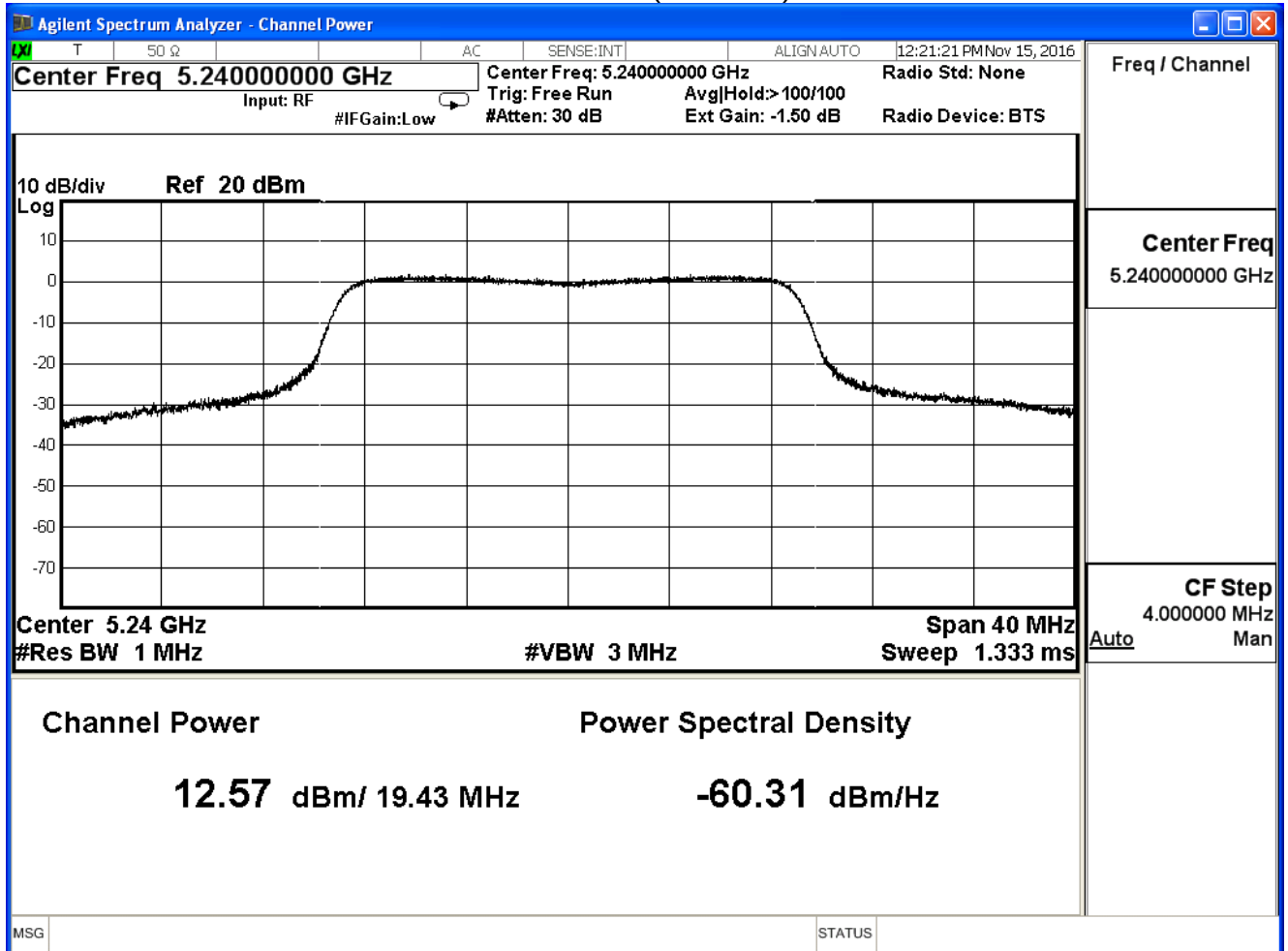


### Channel 44 (5220MHz)





### Channel 48 (5240MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/11/15                            | Test Site | SR7 |

IEEE 802.11n20 (ANT 0+1)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) |
|-------------|-----------------|---------------------|-------------|
| 36          | 5180            | 15.73               | $\leq 24$   |
| 44          | 5220            | 15.62               | $\leq 24$   |
| 48          | 5240            | 15.56               | $\leq 24$   |

The worst emission of data rate is 6.5 Mbps

| Peak Power Output (dBm) |                    |           |       |       |       |       |       |       |       |                   |
|-------------------------|--------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| MCS Index               |                    | 0         | 1     | 2     | 3     | 4     | 5     | 6     | 7     | Required<br>Limit |
| Channel<br>No           | Frequency<br>(MHz) | Data Rate |       |       |       |       |       |       |       |                   |
|                         |                    | 6.5       | 13    | 19.5  | 26    | 39    | 52    | 58.5  | 65    |                   |
| 36                      | 5180               | 15.73     | --    | --    | --    | --    | --    | --    | --    | ≤ 24              |
| 44                      | 5220               | 15.62     | 15.56 | 15.53 | 15.48 | 15.42 | 15.37 | 15.35 | 15.29 | ≤ 24              |
| 48                      | 5240               | 15.56     | --    | --    | --    | --    | --    | --    | --    | ≤ 24              |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/21                            | Test Site | SR7 |

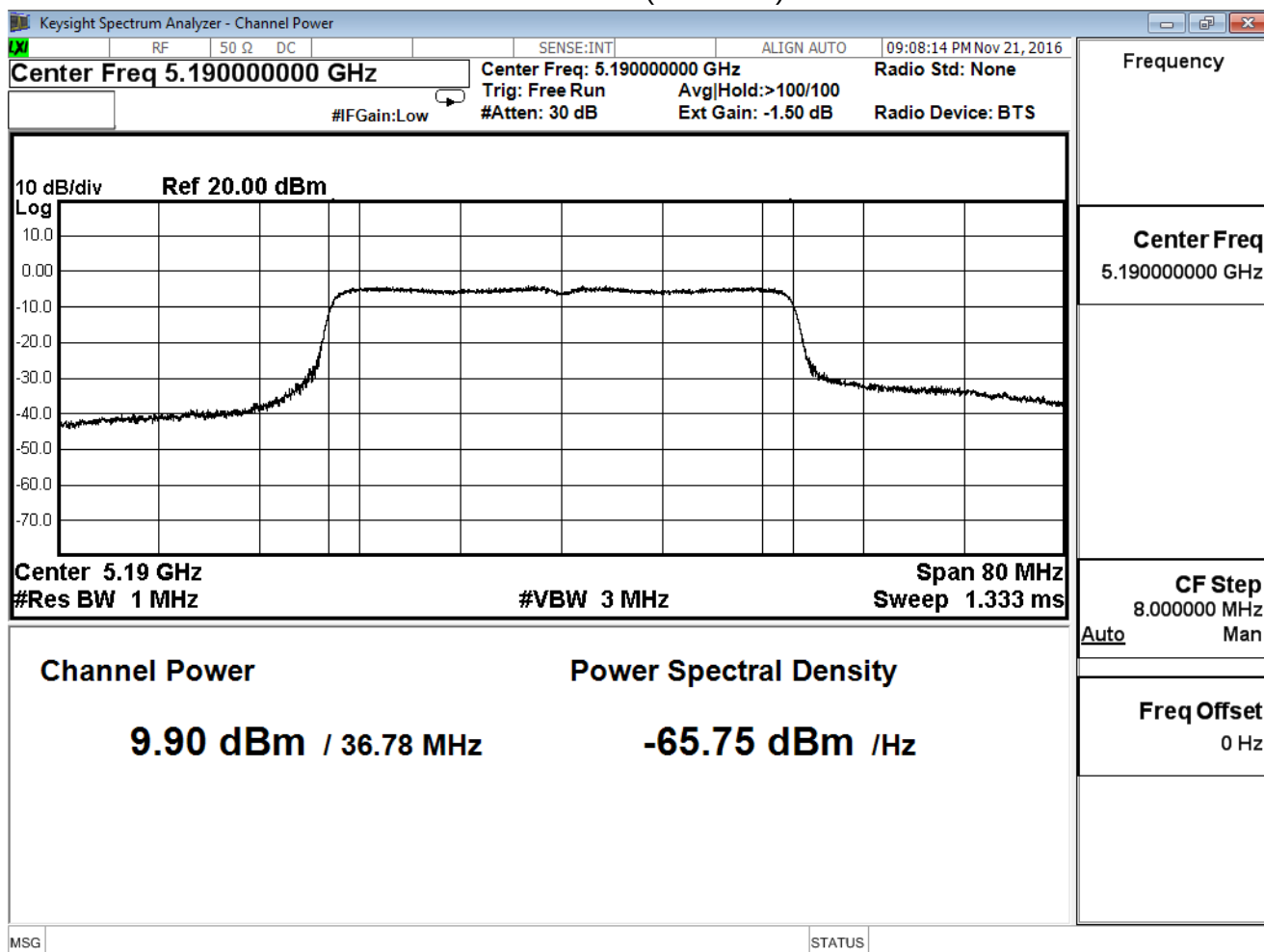
IEEE 802.11n40 (ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) |
|-------------|-----------------|---------------------|-------------|
| 38          | 5190            | 9.90                | $\leq 24$   |
| 46          | 5230            | 12.72               | $\leq 24$   |

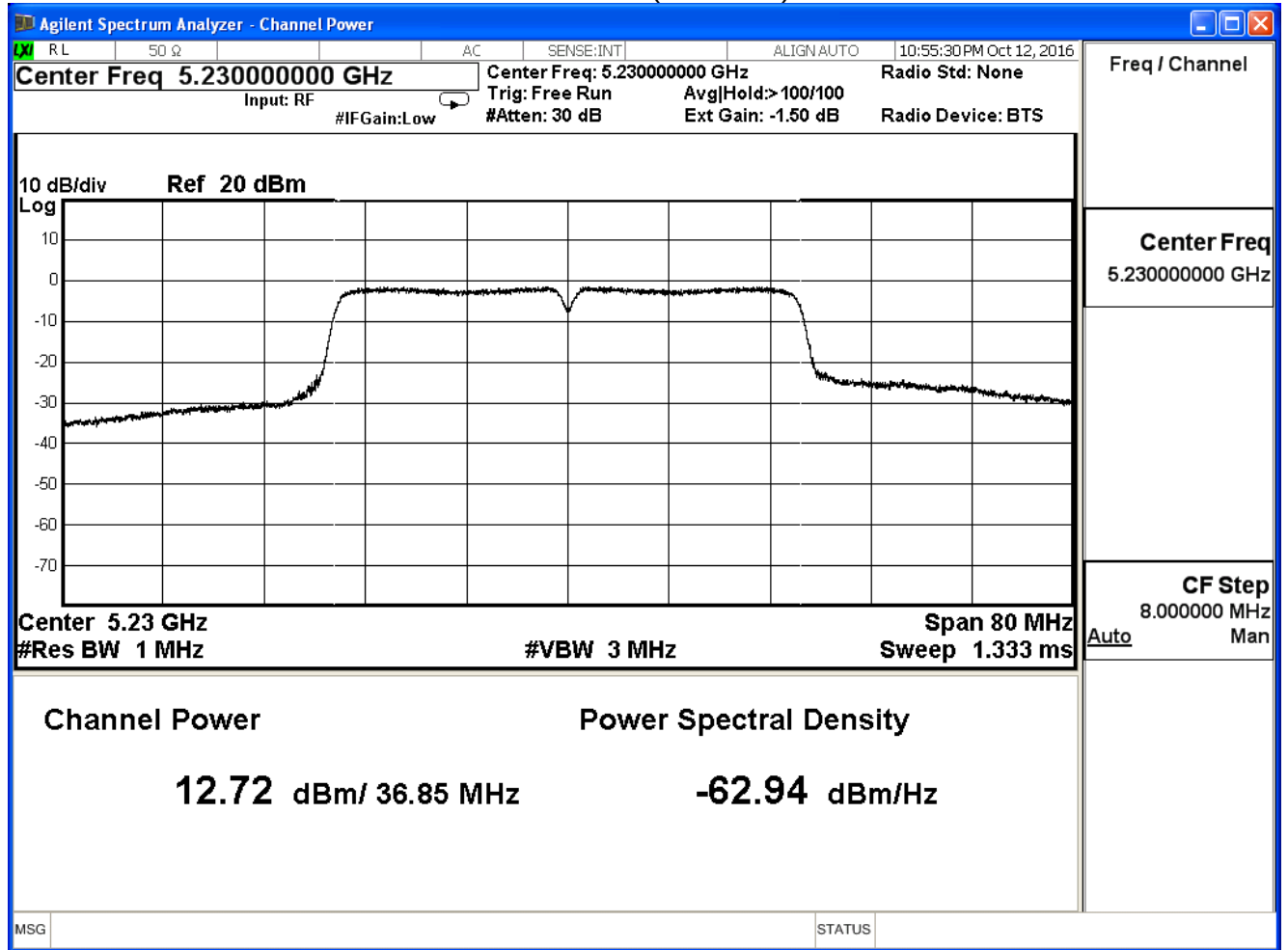
The worst emission of data rate is 13.5 Mbps.

| Peak Power Output (dBm) |                 |           |       |       |       |       |       |       |       |                |
|-------------------------|-----------------|-----------|-------|-------|-------|-------|-------|-------|-------|----------------|
| MCS Index               |                 | 0         | 1     | 2     | 3     | 4     | 5     | 6     | 7     | Required Limit |
| Channel No              | Frequency (MHz) | Data Rate |       |       |       |       |       |       |       |                |
|                         |                 | 13.5      | 27    | 40.5  | 54    | 81    | 108   | 121.5 | 135   |                |
| 38                      | 5190            | 9.90      | --    | --    | --    | --    | --    | --    | --    | ≤24            |
| 46                      | 5230            | 12.72     | 12.68 | 12.54 | 12.42 | 12.33 | 12.21 | 12.08 | 11.88 | ≤24            |

Channel 38 (5190MHz)



### Channel 46 (5230MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/21                            | Test Site | SR7 |

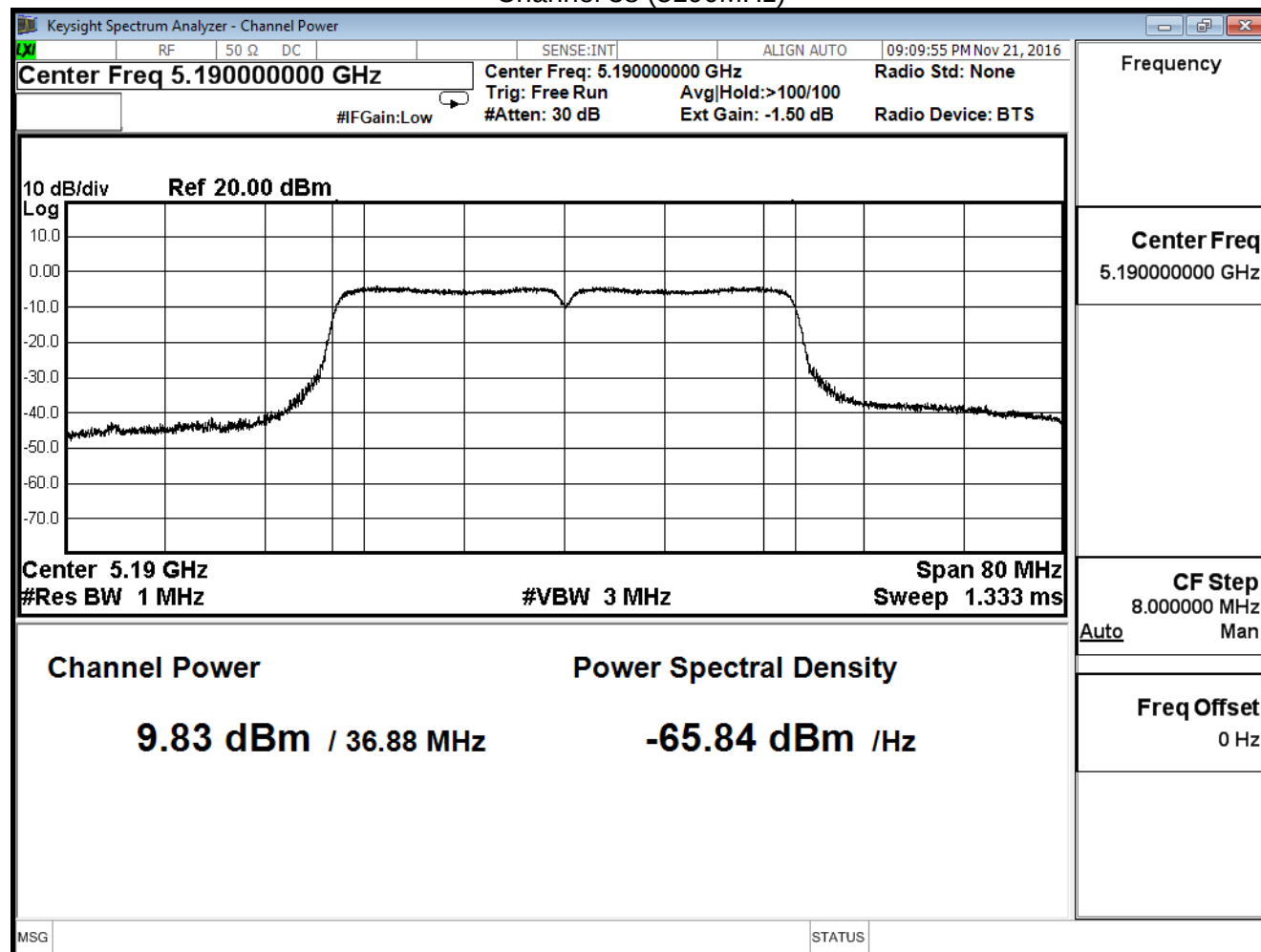
IEEE 802.11n40 (ANT 1)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) |
|-------------|-----------------|---------------------|-------------|
| 38          | 5190            | 9.83                | $\leq 24$   |
| 46          | 5230            | 12.74               | $\leq 24$   |

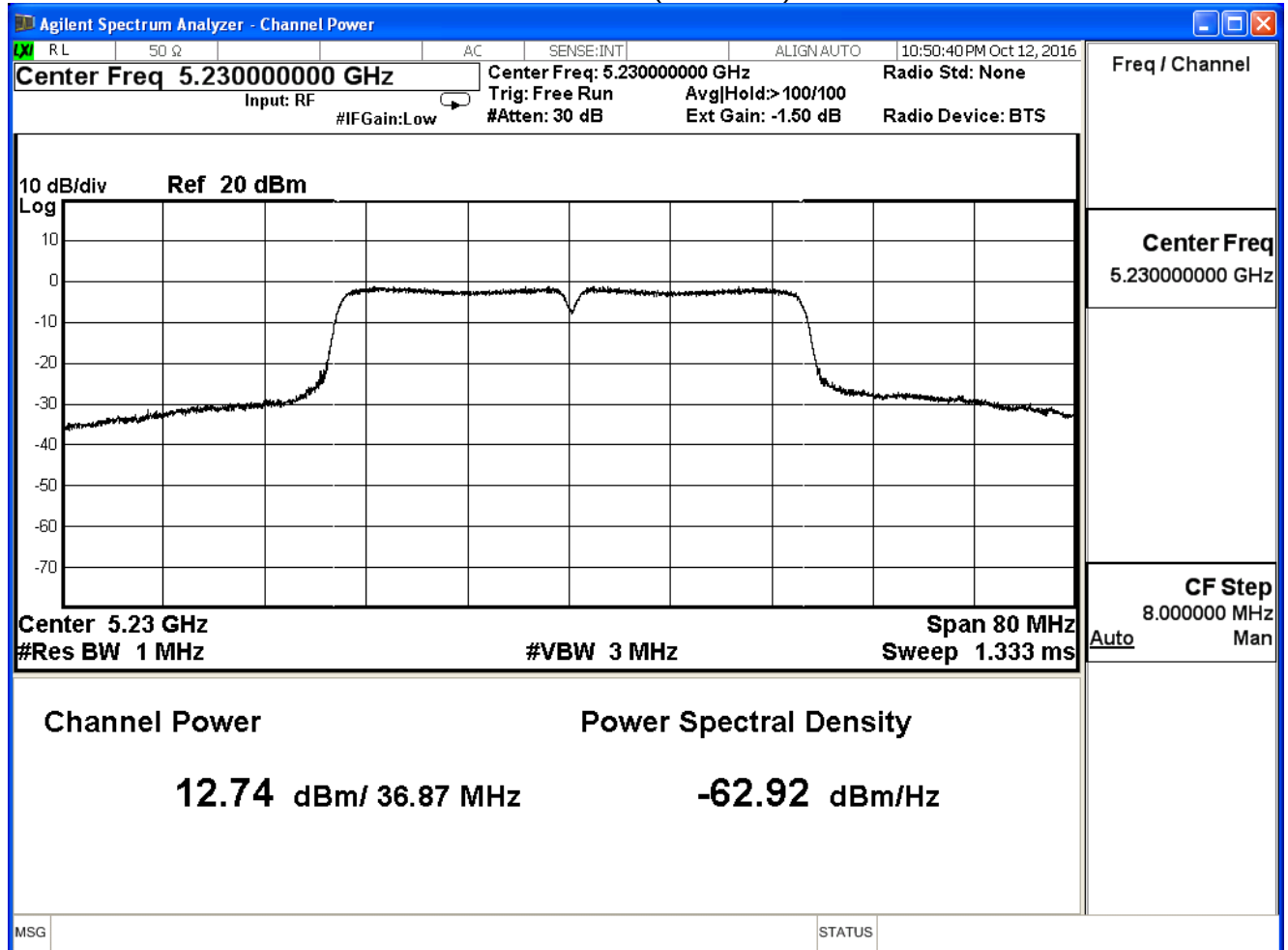
The worst emission of data rate is 13.5Mbps.

| Peak Power Output (dBm) |                 |           |       |       |       |       |       |       |       |                |
|-------------------------|-----------------|-----------|-------|-------|-------|-------|-------|-------|-------|----------------|
| MCS Index               |                 | 0         | 1     | 2     | 3     | 4     | 5     | 6     | 7     | Required Limit |
| Channel No              | Frequency (MHz) | Data Rate |       |       |       |       |       |       |       |                |
|                         |                 | 13.5      | 27    | 40.5  | 54    | 81    | 108   | 121.5 | 135   |                |
| 38                      | 5190            | 9.83      | --    | --    | --    | --    | --    | --    | --    | ≤ 24           |
| 46                      | 5230            | 12.74     | 12.66 | 12.52 | 12.44 | 12.12 | 12.02 | 11.92 | 11.72 | ≤ 24           |

Channel 38 (5190MHz)



Channel 46 (5230MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/21                            | Test Site | SR7 |

#### IEEE 802.11n40 (ANT 0+1)

| Channel No. | Frequency<br>(MHz) | Measure Level<br>(dBm) | Limit<br>(dBm) |
|-------------|--------------------|------------------------|----------------|
| 38          | 5190               | 12.88                  | $\leq 24$      |
| 46          | 5230               | 15.74                  | $\leq 24$      |

The worst emission of data rate is 13.5 Mbps.

| Peak Power Output (dBm) |                    |           |       |       |       |       |       |       |       |                   |
|-------------------------|--------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| MCS Index               |                    | 0         | 1     | 2     | 3     | 4     | 5     | 6     | 7     | Required<br>Limit |
| Channel<br>No           | Frequency<br>(MHz) | Data Rate |       |       |       |       |       |       |       |                   |
|                         |                    | 13.5      | 27    | 40.5  | 54    | 81    | 108   | 121.5 | 135   |                   |
| 38                      | 5190               | 12.88     | --    | --    | --    | --    | --    | --    | --    | ≤ 24              |
| 46                      | 5230               | 15.74     | 15.68 | 15.54 | 15.44 | 15.24 | 15.13 | 15.01 | 14.81 | ≤ 24              |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/11/21                            | Test Site | SR7 |

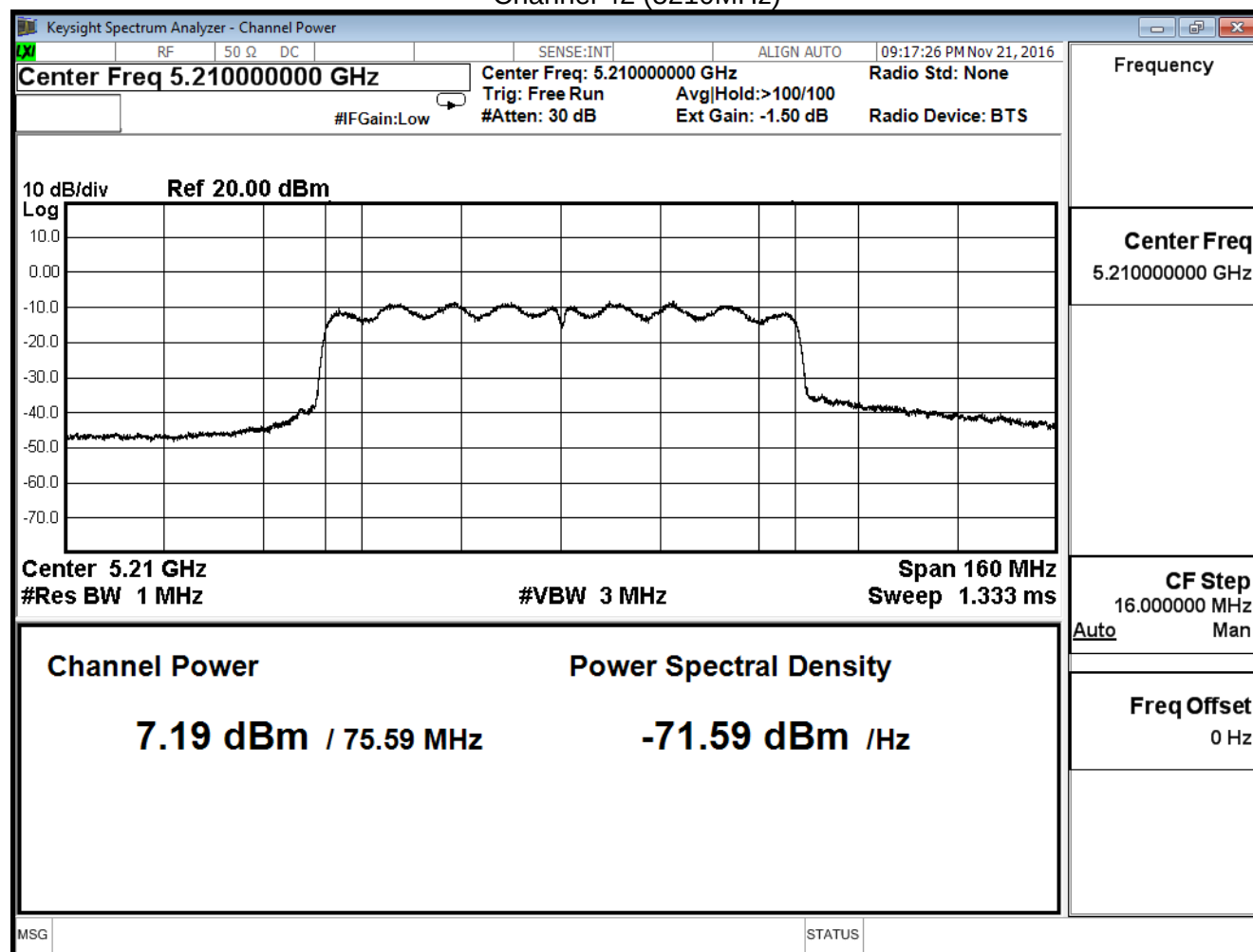
IEEE 802.11ac80 (ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) |
|-------------|-----------------|---------------------|-------------|
| 42          | 5210            | 7.19                | ≤24         |

The worst emission of data rate is 29.3 Mbps.

| Peak Power Output (dBm) |           |           |      |      |     |       |      |       |       |      |               |
|-------------------------|-----------|-----------|------|------|-----|-------|------|-------|-------|------|---------------|
| MCS Index               |           | 0         | 1    | 2    | 3   | 4     | 5    | 6     | 7     | 8    | Require Limit |
| Channel                 | Frequency | Data Rate |      |      |     |       |      |       |       |      |               |
| No                      | (MHz)     | 29.3      | 58.5 | 87.8 | 117 | 175.5 | 234  | 263.3 | 292.5 | 351  | ≤24dBm        |
| 42                      | 5210      | 7.19      | 7.02 | 6.89 | 6.8 | 6.71  | 6.54 | 6.35  | 6.24  | 6.11 |               |

Channel 42 (5210MHz)





|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/11/21                            | Test Site | SR7 |

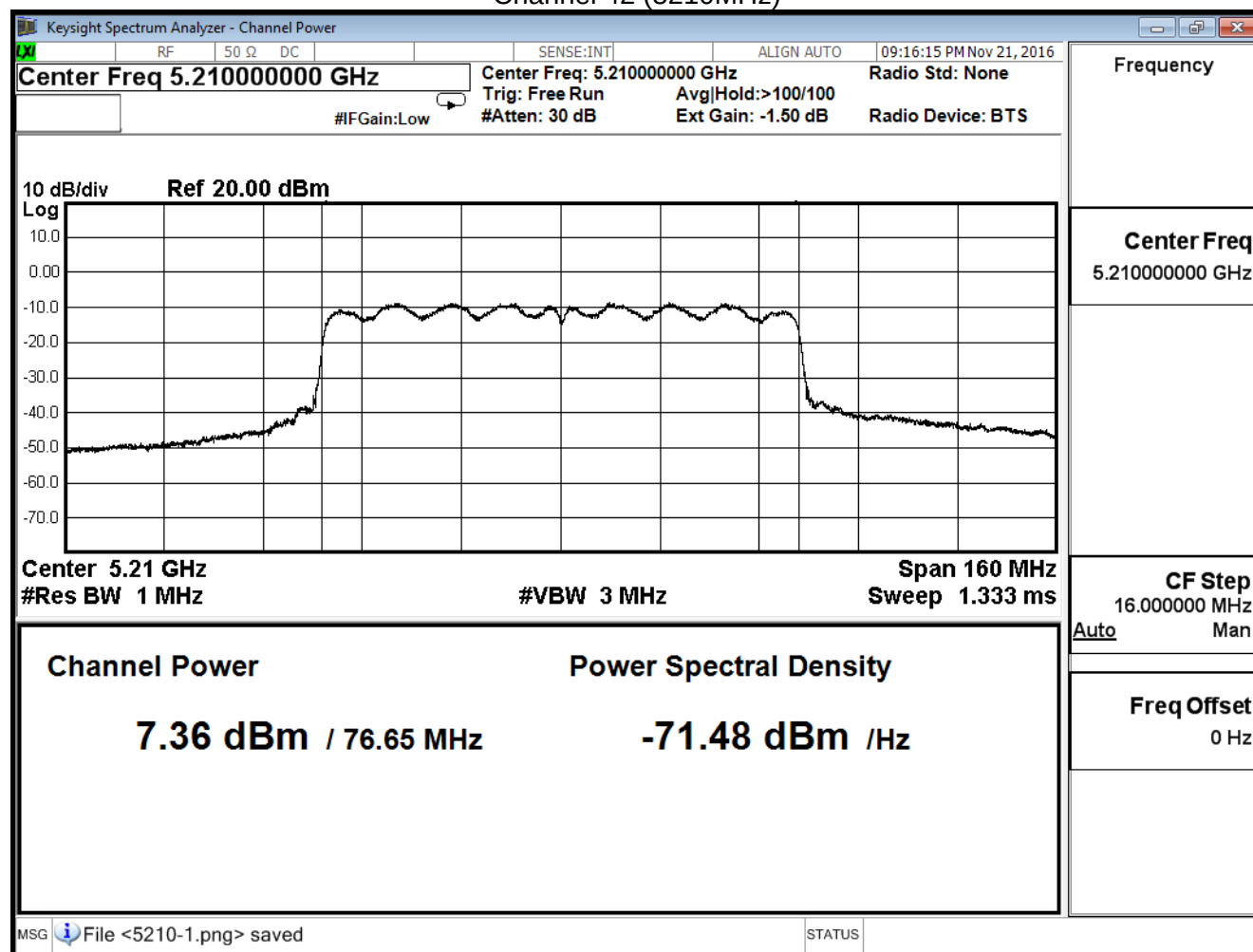
IEEE 802.11ac80 (ANT 1)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) |
|-------------|-----------------|---------------------|-------------|
| 42          | 5210            | 7.36                | ≤24         |

The worst emission of data rate is 29.3 Mbps.

| Peak Power Output (dBm) |           |           |      |      |      |       |      |       |       |      |               |
|-------------------------|-----------|-----------|------|------|------|-------|------|-------|-------|------|---------------|
| MCS Index               |           | 0         | 1    | 2    | 3    | 4     | 5    | 6     | 7     | 8    | Require Limit |
| Channel                 | Frequency | Data Rate |      |      |      |       |      |       |       |      |               |
| No                      | (MHz)     | 29.3      | 58.5 | 87.8 | 117  | 175.5 | 234  | 263.3 | 292.5 | 351  | ≤24dBm        |
| 42                      | 5210      | 7.36      | 7.22 | 7.1  | 6.88 | 6.65  | 6.33 | 6.02  | 5.87  | 5.72 |               |

Channel 42 (5210MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/11/21                            | Test Site | SR7 |

IEEE 802.11ac80 (ANT 0+1)

| Channel No. | Frequency<br>(MHz) | Measure Level<br>(dBm) | Limit<br>(dBm) |
|-------------|--------------------|------------------------|----------------|
| 42          | 5210               | 10.29                  | ≤24            |

The worst emission of data rate is 29.3 Mbps.

| Peak Power Output (dBm) |           |           |       |       |      |       |      |       |       |      |               |
|-------------------------|-----------|-----------|-------|-------|------|-------|------|-------|-------|------|---------------|
| MCS Index               |           | 0         | 1     | 2     | 3    | 4     | 5    | 6     | 7     | 8    | Require Limit |
| Channel                 | Frequency | Data Rate |       |       |      |       |      |       |       |      |               |
| No                      | (MHz)     | 29.3      | 58.5  | 87.8  | 117  | 175.5 | 234  | 263.3 | 292.5 | 351  | ≤24dBm        |
| 42                      | 5210      | 10.29     | 10.13 | 10.01 | 9.85 | 9.69  | 9.45 | 9.20  | 9.07  | 8.93 |               |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 1: Transmit_SISO Mode            |           |     |
| Date of Test | 2016/11/18                            | Test Site | SR7 |

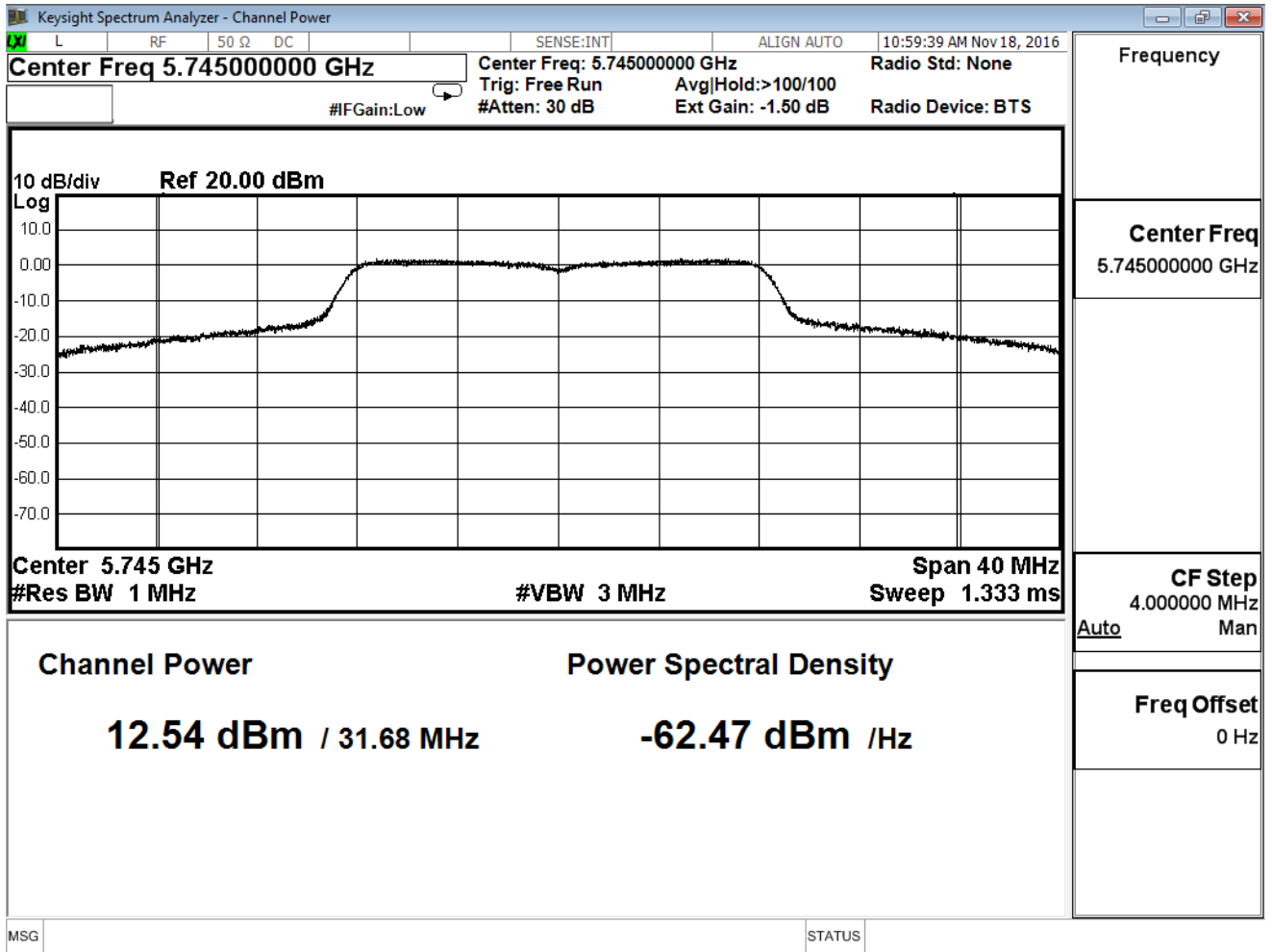
#### IEEE 802.11a (ANT 0)

| Channel No. | Frequency<br>(MHz) | Measure Level<br>(dBm) | Limit<br>(dBm) |
|-------------|--------------------|------------------------|----------------|
| 149         | 5745               | 12.54                  | $\leq 30$      |
| 157         | 5785               | 12.47                  | $\leq 30$      |
| 165         | 5825               | 12.63                  | $\leq 30$      |

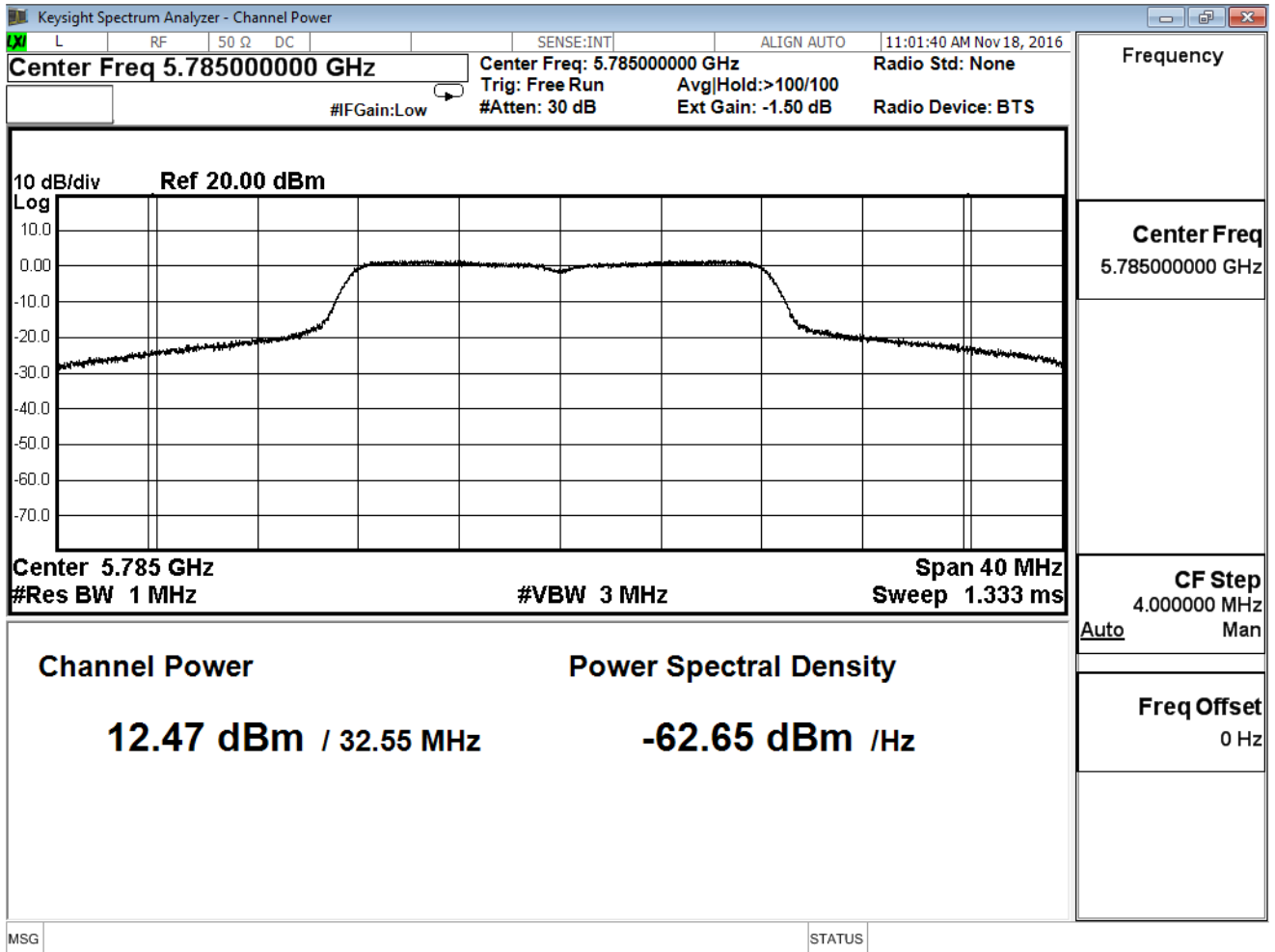
The worst emission of data rate is 6 Mbps.

| Peak Power Output (dBm) |                    |           |       |       |       |       |       |       |       |                   |
|-------------------------|--------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| Channel<br>No           | Frequency<br>(MHz) | Data Rate |       |       |       |       |       |       |       | Required<br>Limit |
|                         |                    | 6         | 9     | 12    | 18    | 24    | 36    | 48    | 54    |                   |
| 149                     | 5745               | 12.54     | --    | --    | --    | --    | --    | --    | --    | $\leq 30$         |
| 157                     | 5785               | 12.47     | 12.43 | 12.40 | 12.38 | 12.34 | 12.31 | 12.27 | 12.22 | $\leq 30$         |
| 165                     | 5825               | 12.63     | --    | --    | --    | --    | --    | --    | --    | $\leq 30$         |

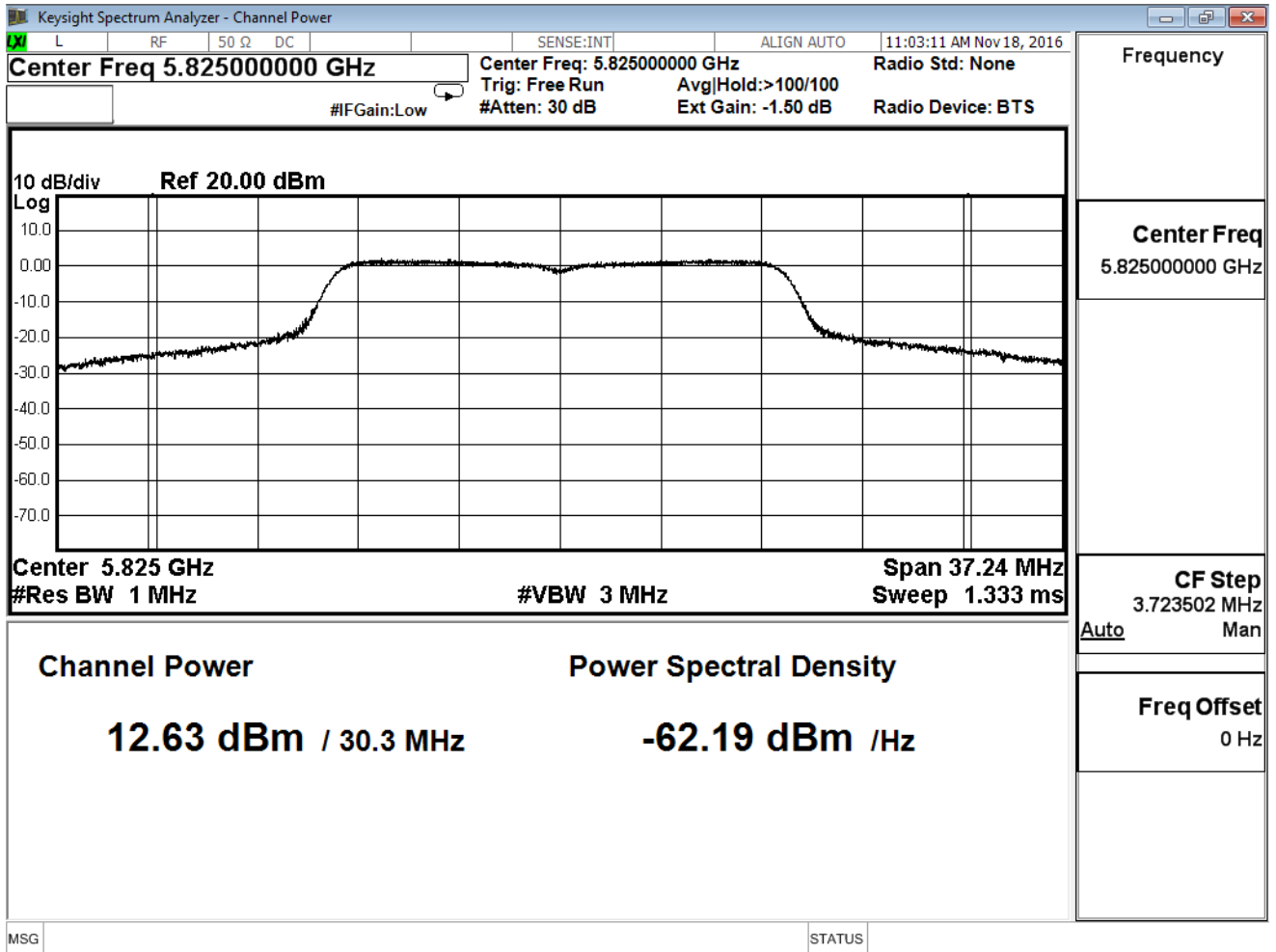
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/11/18                            | Test Site | SR7 |

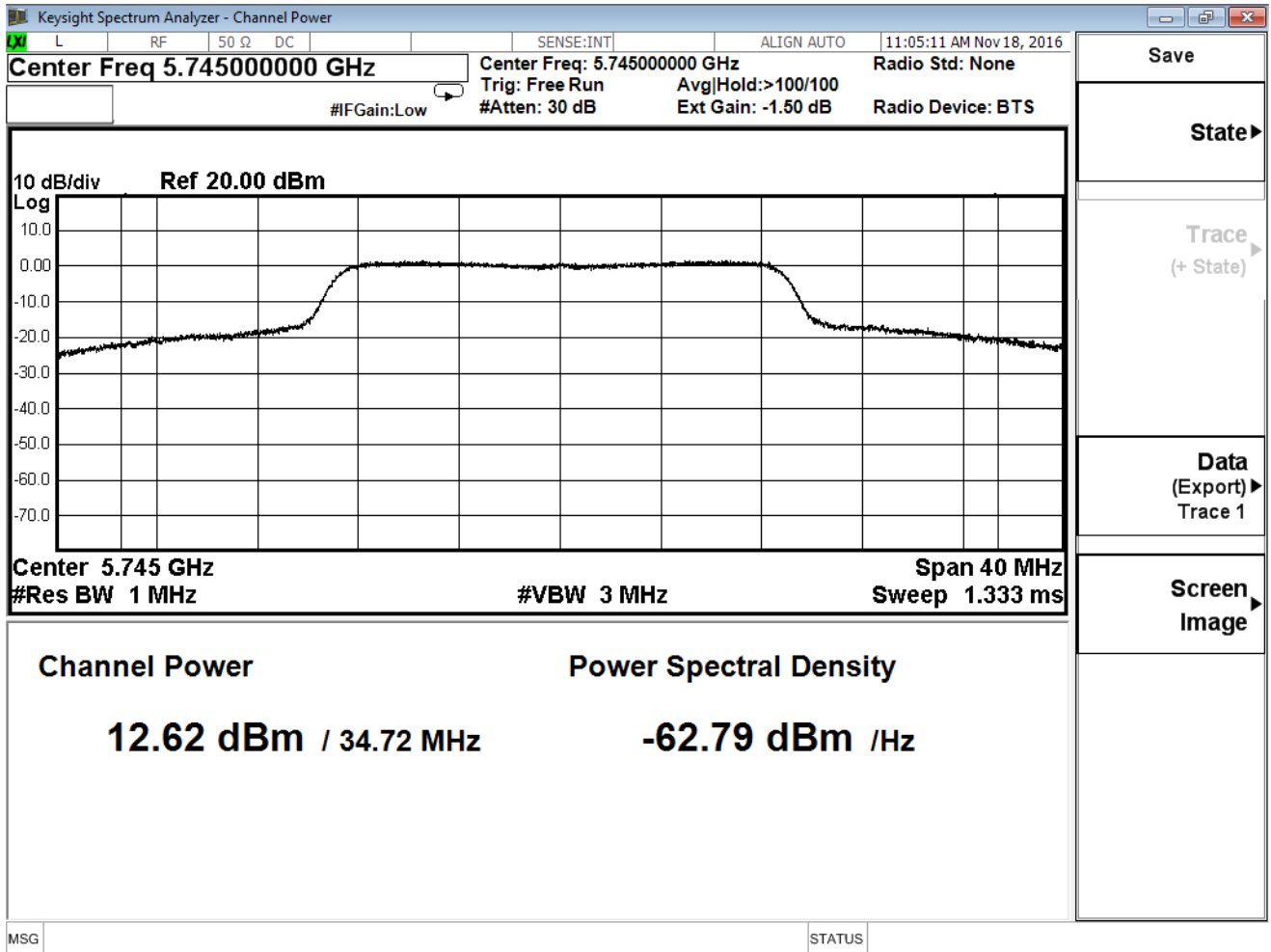
IEEE 802.11n20 (ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) |
|-------------|-----------------|---------------------|-------------|
| 149         | 5745            | 12.62               | $\leq 30$   |
| 157         | 5785            | 12.54               | $\leq 30$   |
| 165         | 5825            | 12.63               | $\leq 30$   |

The worst emission of data rate is 6.5 Mbps

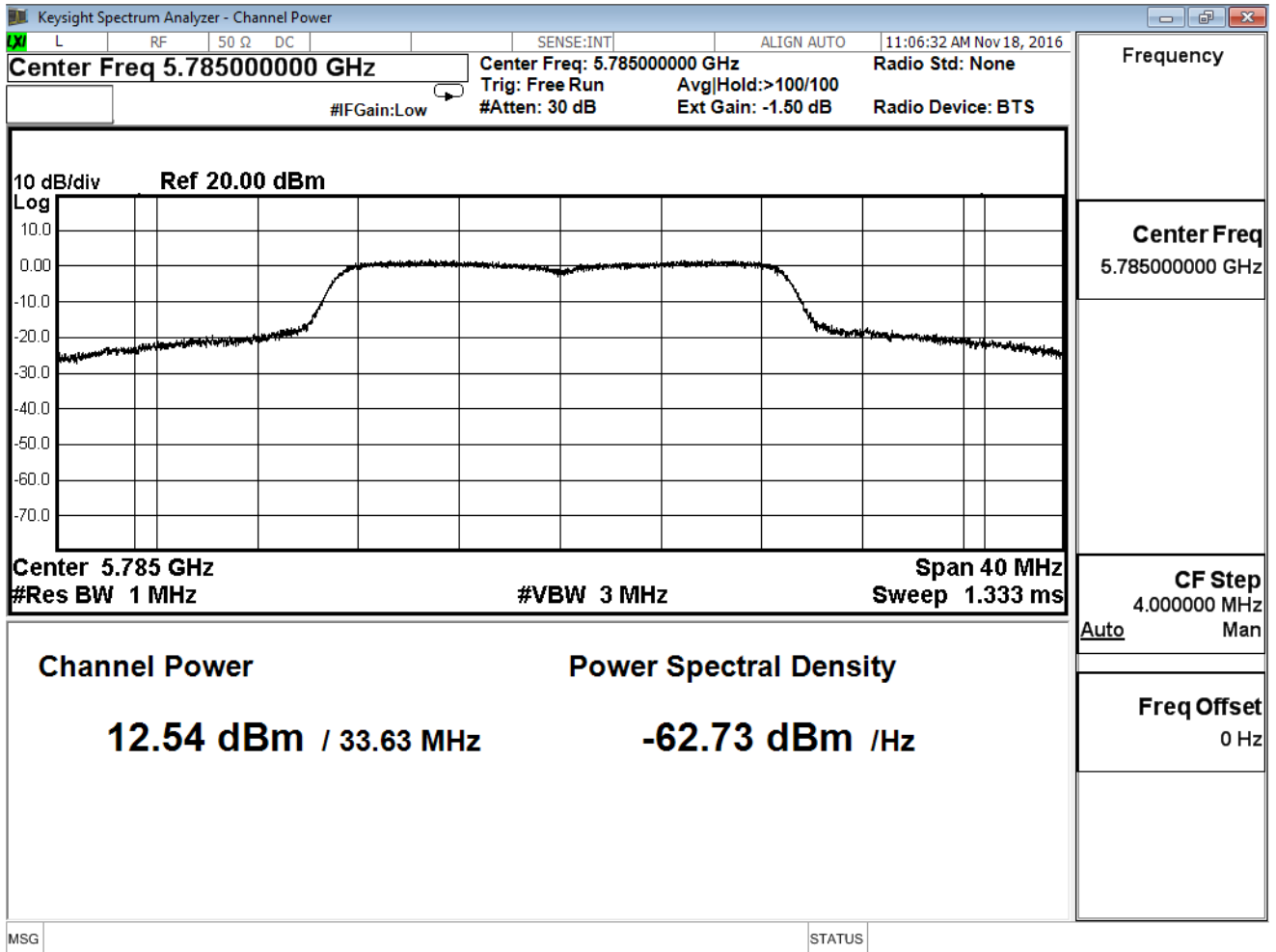
| Peak Power Output (dBm) |                 |           |       |       |       |       |       |       |       |                |
|-------------------------|-----------------|-----------|-------|-------|-------|-------|-------|-------|-------|----------------|
| MCS Index               |                 | 0         | 1     | 2     | 3     | 4     | 5     | 6     | 7     | Required Limit |
| Channel No              | Frequency (MHz) | Data Rate |       |       |       |       |       |       |       |                |
|                         |                 | 6.5       | 13    | 19.5  | 26    | 39    | 52    | 58.5  | 65    |                |
| 149                     | 5745            | 12.62     | --    | --    | --    | --    | --    | --    | --    | ≤ 30           |
| 157                     | 5785            | 12.54     | 12.48 | 12.44 | 12.40 | 12.35 | 12.32 | 12.27 | 12.24 | ≤ 30           |
| 165                     | 5825            | 12.63     | --    | --    | --    | --    | --    | --    | --    | ≤ 30           |

Channel 149 (5745MHz)

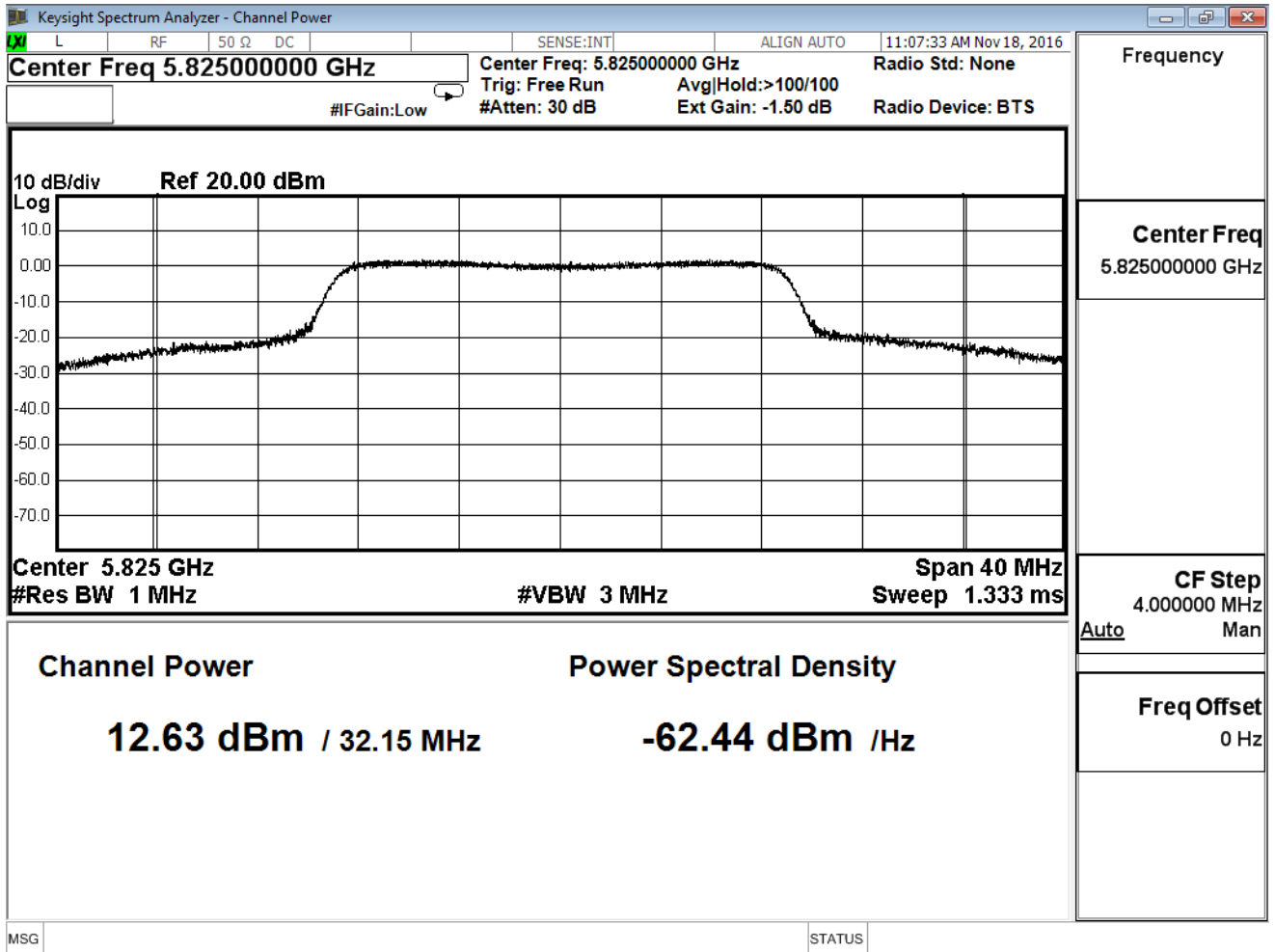




Channel 157 (5785MHz)



### Channel 165 (5825MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/11/18                            | Test Site | SR7 |

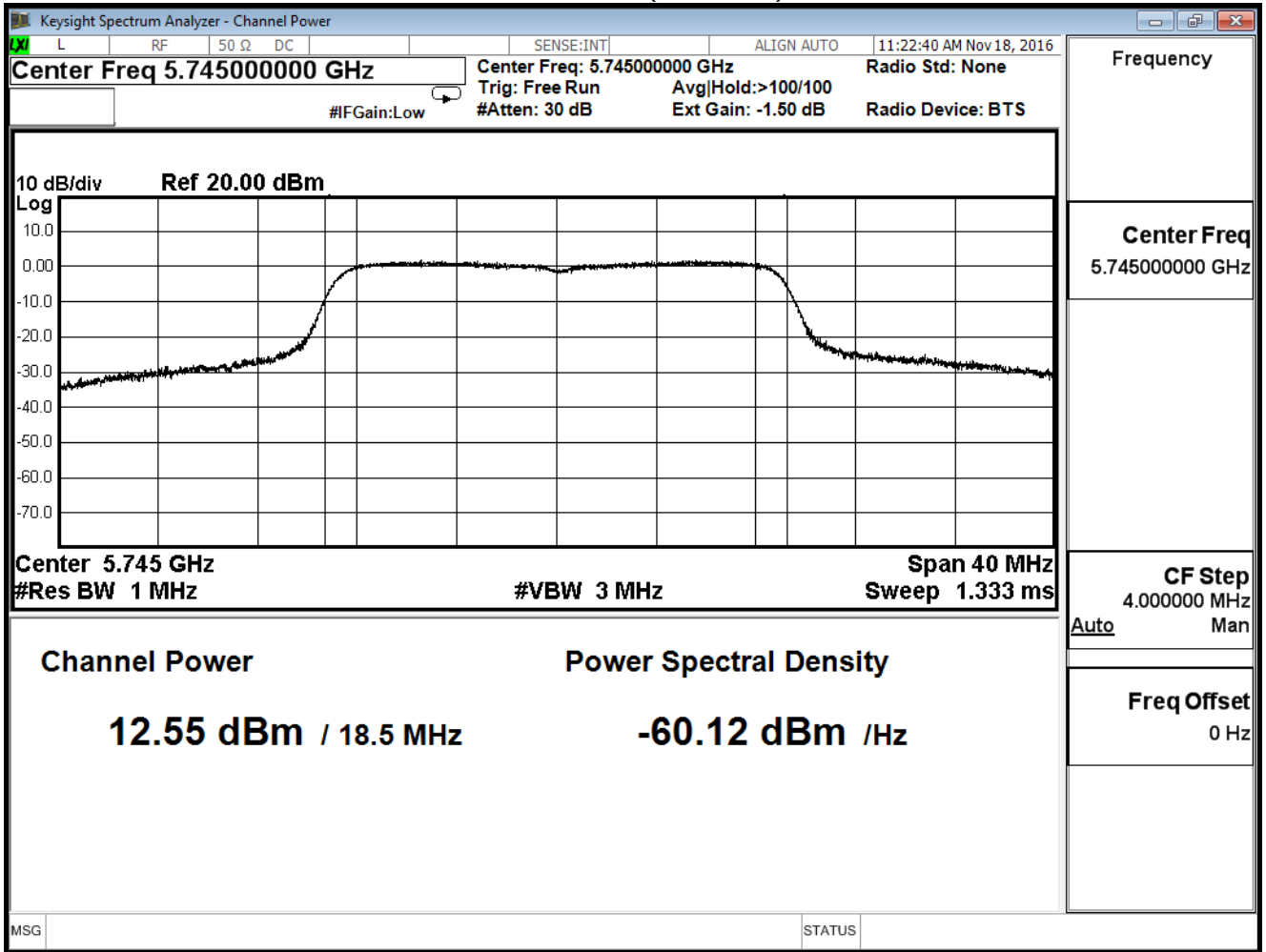
#### IEEE 802.11n20 (ANT 1)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) |
|-------------|-----------------|---------------------|-------------|
| 149         | 5745            | 12.55               | $\leq 30$   |
| 157         | 5785            | 12.73               | $\leq 30$   |
| 165         | 5825            | 12.82               | $\leq 30$   |

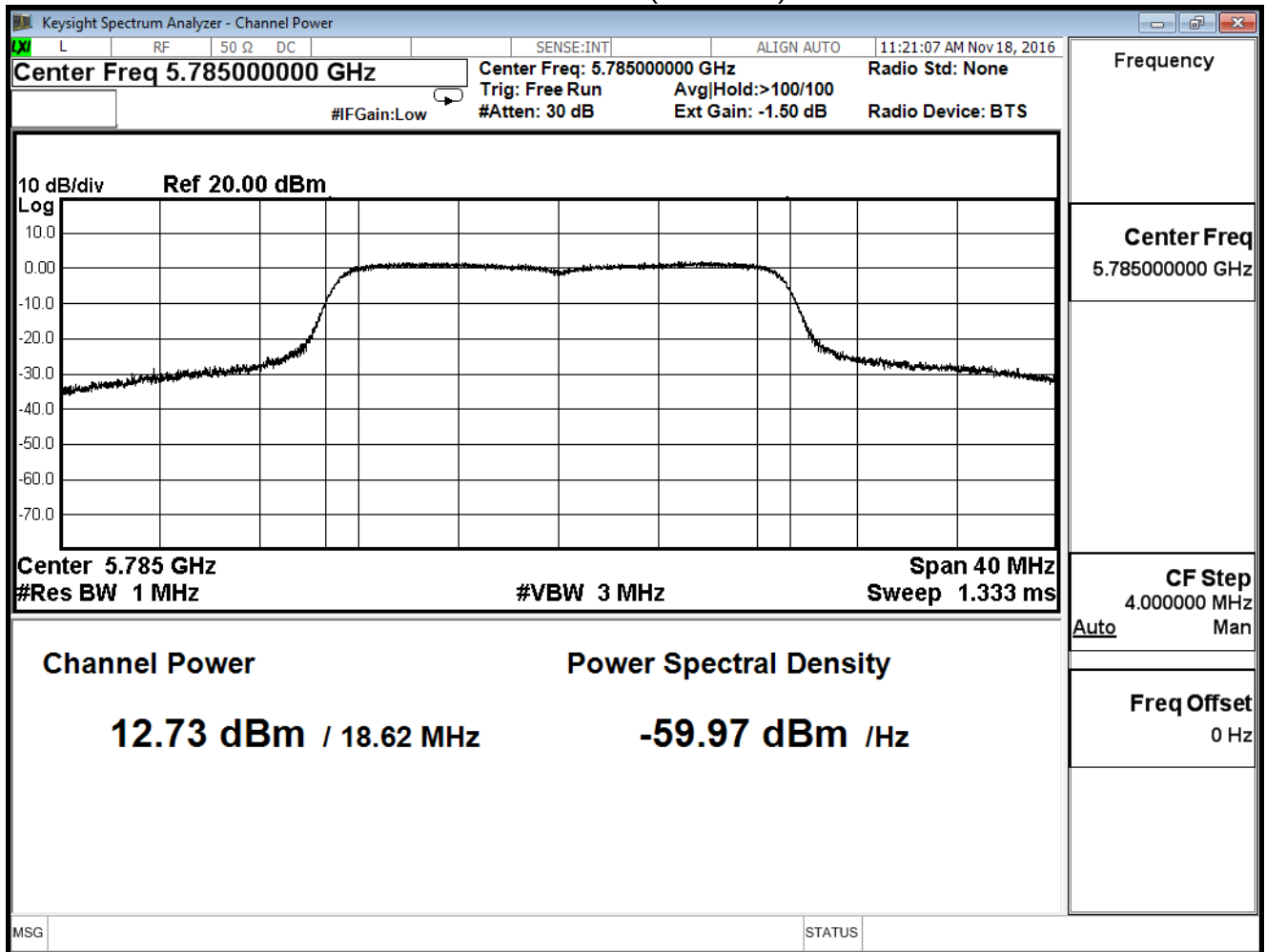
The worst emission of data rate is 6.5 Mbps

| Peak Power Output (dBm) |                 |           |       |       |       |       |       |       |       |                |
|-------------------------|-----------------|-----------|-------|-------|-------|-------|-------|-------|-------|----------------|
| MCS Index               |                 | 0         | 1     | 2     | 3     | 4     | 5     | 6     | 7     | Required Limit |
| Channel No              | Frequency (MHz) | Data Rate |       |       |       |       |       |       |       |                |
|                         |                 | 6.5       | 13    | 19.5  | 26    | 39    | 52    | 58.5  | 65    |                |
| 149                     | 5745            | 12.55     | --    | --    | --    | --    | --    | --    | --    | ≤ 30           |
| 157                     | 5785            | 12.73     | 12.65 | 12.61 | 12.57 | 12.54 | 12.50 | 12.47 | 12.41 | ≤ 30           |
| 165                     | 5825            | 12.82     | --    | --    | --    | --    | --    | --    | --    | ≤ 30           |

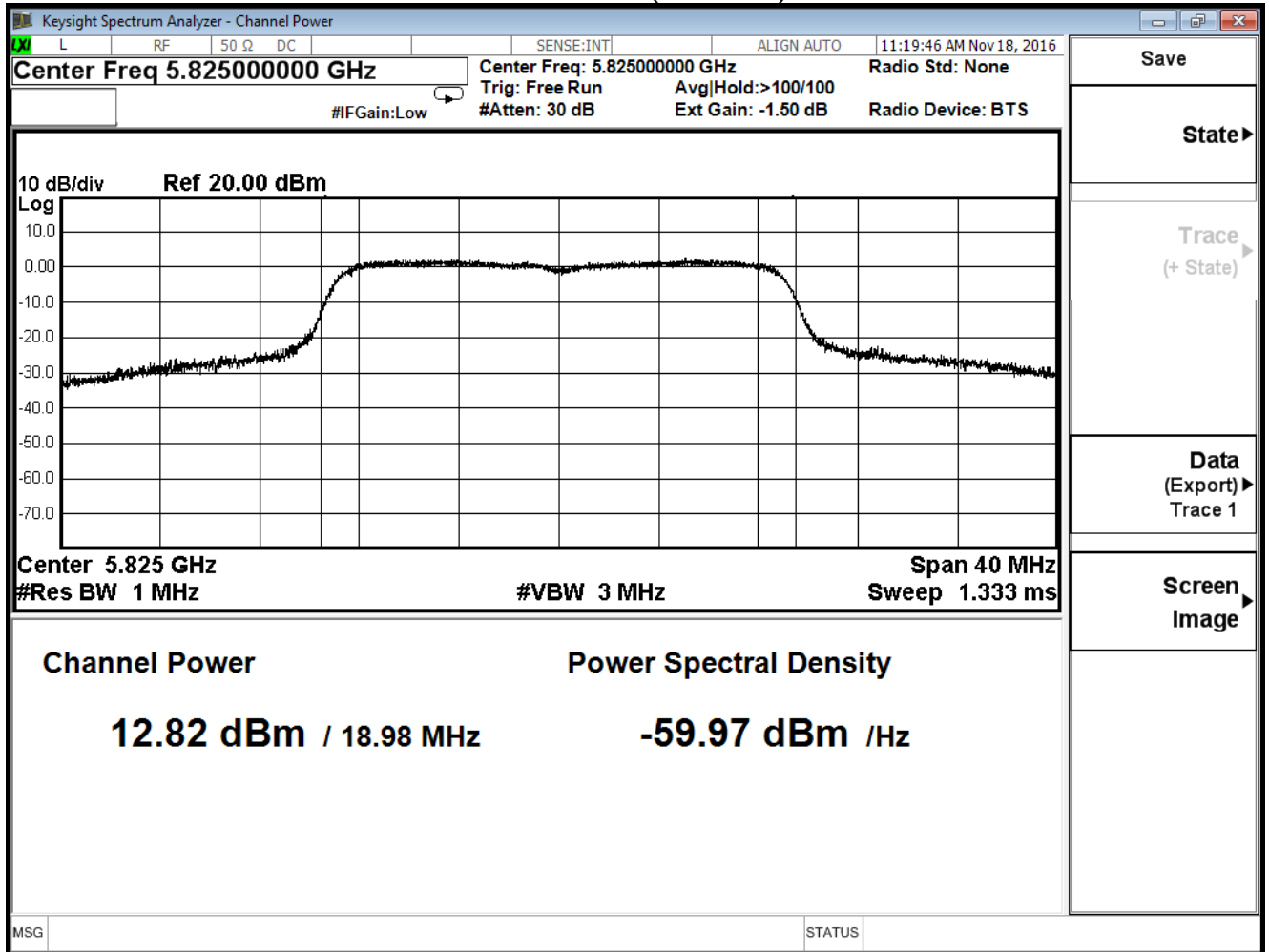
### Channel 149 (5745MHz)



### Channel 157 (5785MHz)



Channel 165 (5825MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/11/18                            | Test Site | SR7 |

IEEE 802.11n20 (ANT 0+1)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) |
|-------------|-----------------|---------------------|-------------|
| 149         | 5745            | 15.60               | $\leq 30$   |
| 157         | 5785            | 15.65               | $\leq 30$   |
| 165         | 5825            | 15.74               | $\leq 30$   |

The worst emission of data rate is 6.5 Mbps

| Peak Power Output (dBm) |                 |           |       |       |       |       |       |       |       |                |
|-------------------------|-----------------|-----------|-------|-------|-------|-------|-------|-------|-------|----------------|
| MCS Index               |                 | 0         | 1     | 2     | 3     | 4     | 5     | 6     | 7     | Required Limit |
| Channel No              | Frequency (MHz) | Data Rate |       |       |       |       |       |       |       |                |
|                         |                 | 6.5       | 13    | 19.5  | 26    | 39    | 52    | 58.5  | 65    |                |
| 149                     | 5745            | 15.60     | --    | --    | --    | --    | --    | --    | --    | ≤ 30           |
| 157                     | 5785            | 15.65     | 12.57 | 12.54 | 12.48 | 12.45 | 12.42 | 12.37 | 12.33 | ≤ 30           |
| 165                     | 5825            | 15.74     | --    | --    | --    | --    | --    | --    | --    | ≤ 30           |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/11/18                            | Test Site | SR7 |

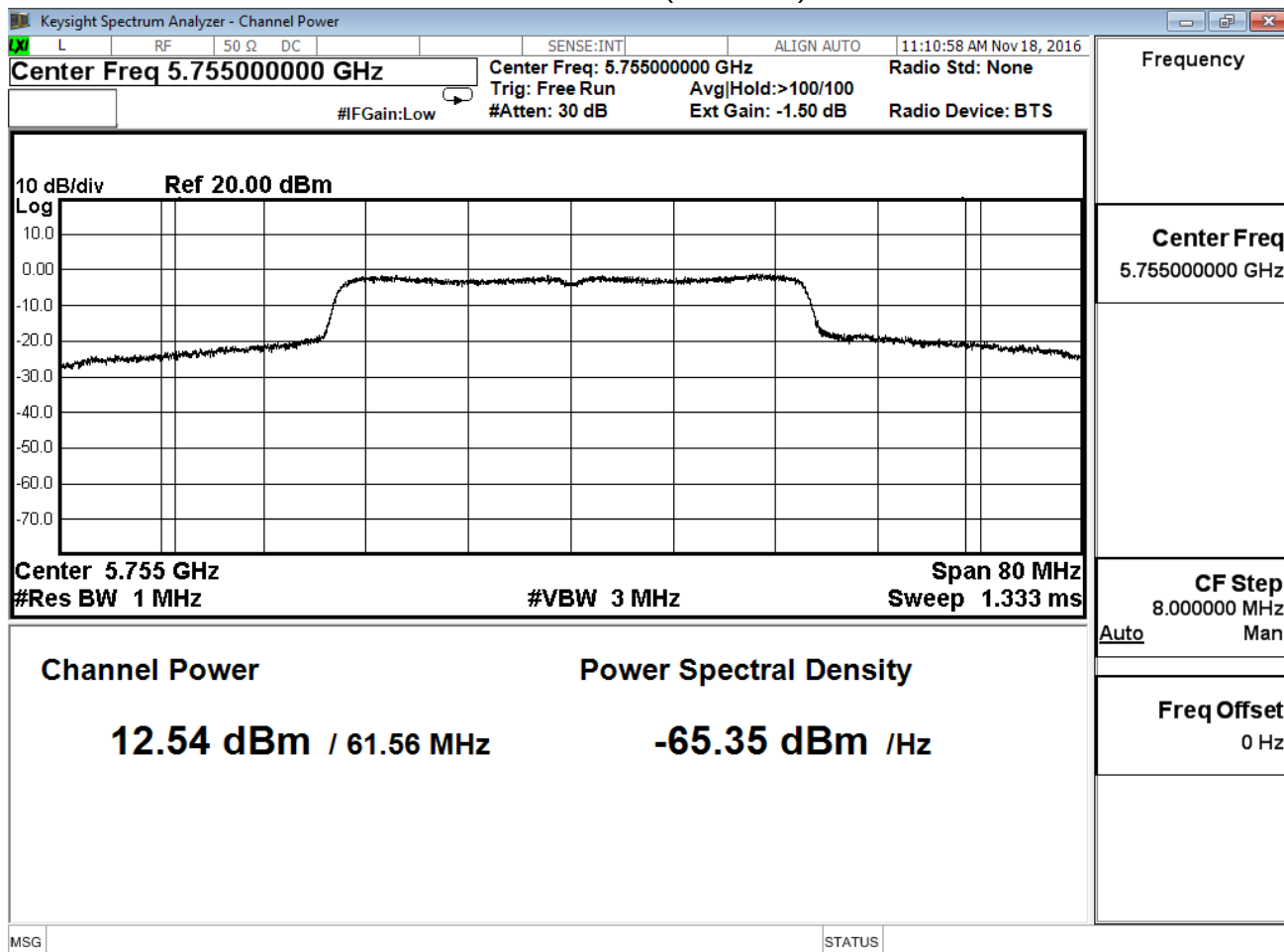
IEEE 802.11n40 (ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) |
|-------------|-----------------|---------------------|-------------|
| 151         | 5755            | 12.54               | $\leq 30$   |
| 159         | 5795            | 12.69               | $\leq 30$   |

The worst emission of data rate is 13.5 Mbps.

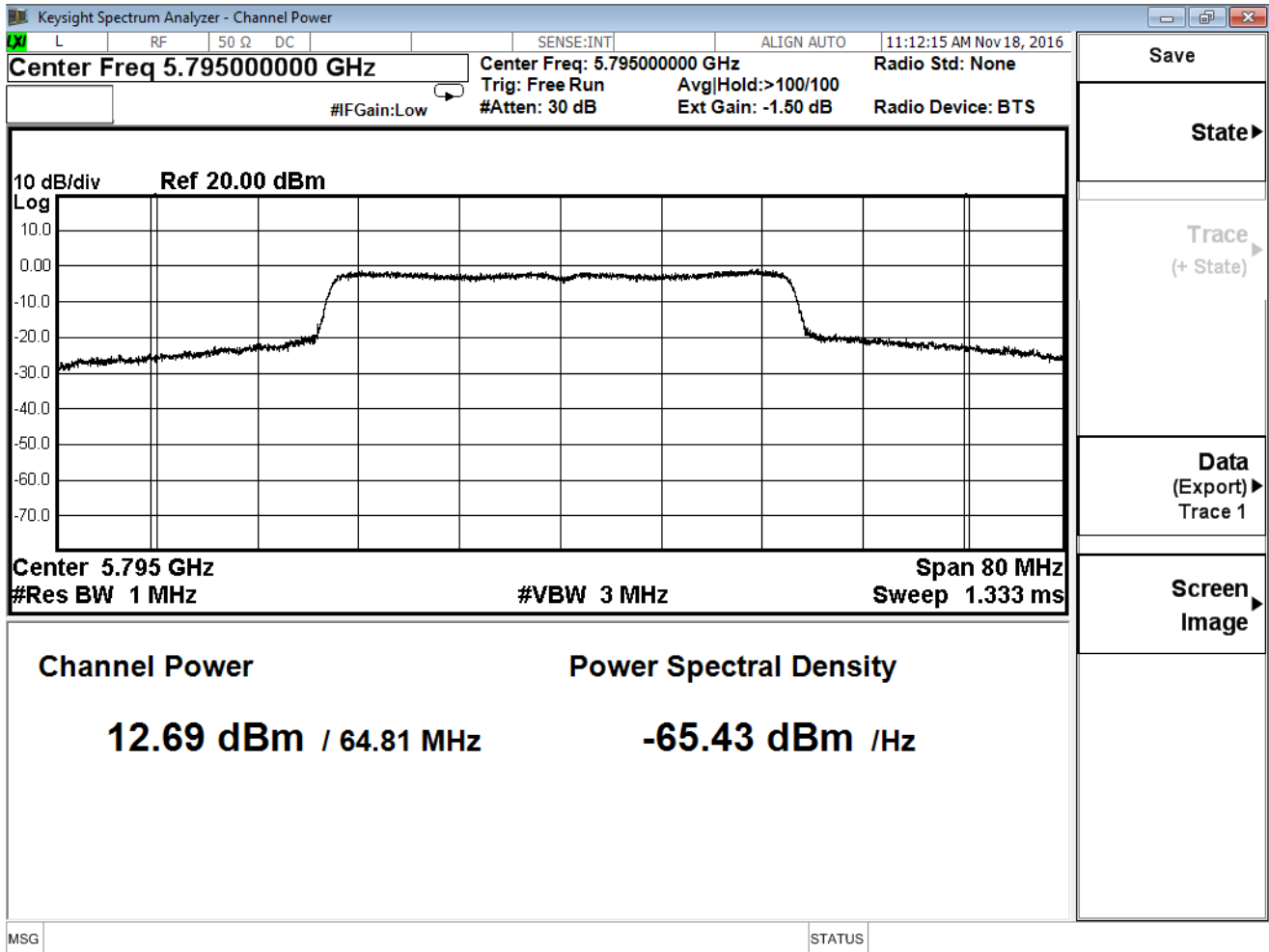
| Peak Power Output (dBm) |                 |           |       |       |       |       |       |       |       |                |
|-------------------------|-----------------|-----------|-------|-------|-------|-------|-------|-------|-------|----------------|
| MCS Index               |                 | 0         | 1     | 2     | 3     | 4     | 5     | 6     | 7     | Required Limit |
| Channel No              | Frequency (MHz) | Data Rate |       |       |       |       |       |       |       |                |
|                         |                 | 13.5      | 27    | 40.5  | 54    | 81    | 108   | 121.5 | 135   |                |
| 151                     | 5755            | 12.54     | --    | --    | --    | --    | --    | --    | --    | ≤ 30           |
| 159                     | 5795            | 12.69     | 12.63 | 12.59 | 12.54 | 12.51 | 12.47 | 12.42 | 12.38 | ≤ 30           |

Channel 151 (5755MHz)





### Channel 159 (5795MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/11/18                            | Test Site | SR7 |

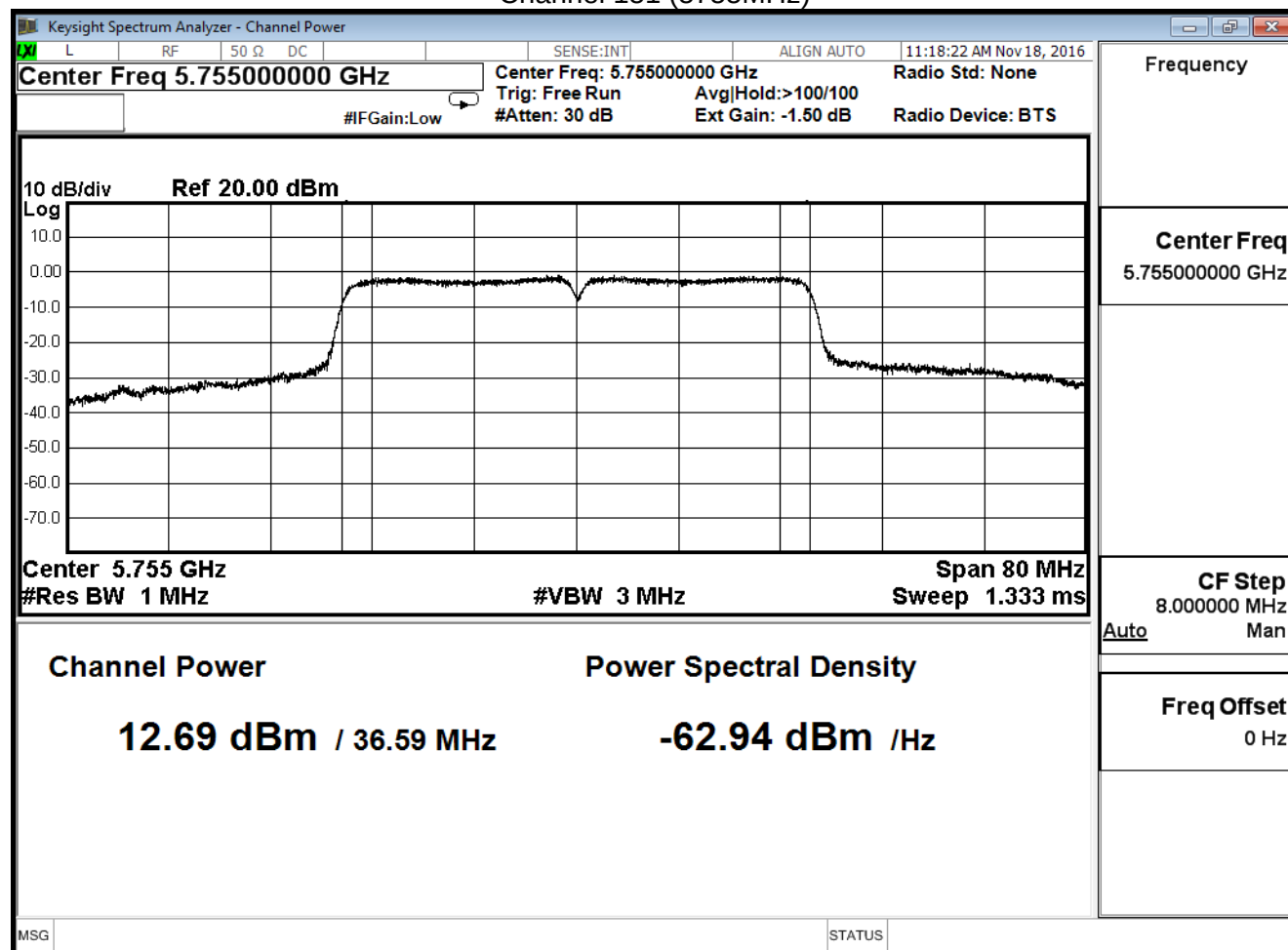
IEEE 802.11n40 (ANT 1)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) |
|-------------|-----------------|---------------------|-------------|
| 151         | 5755            | 12.69               | $\leq 30$   |
| 159         | 5795            | 12.81               | $\leq 30$   |

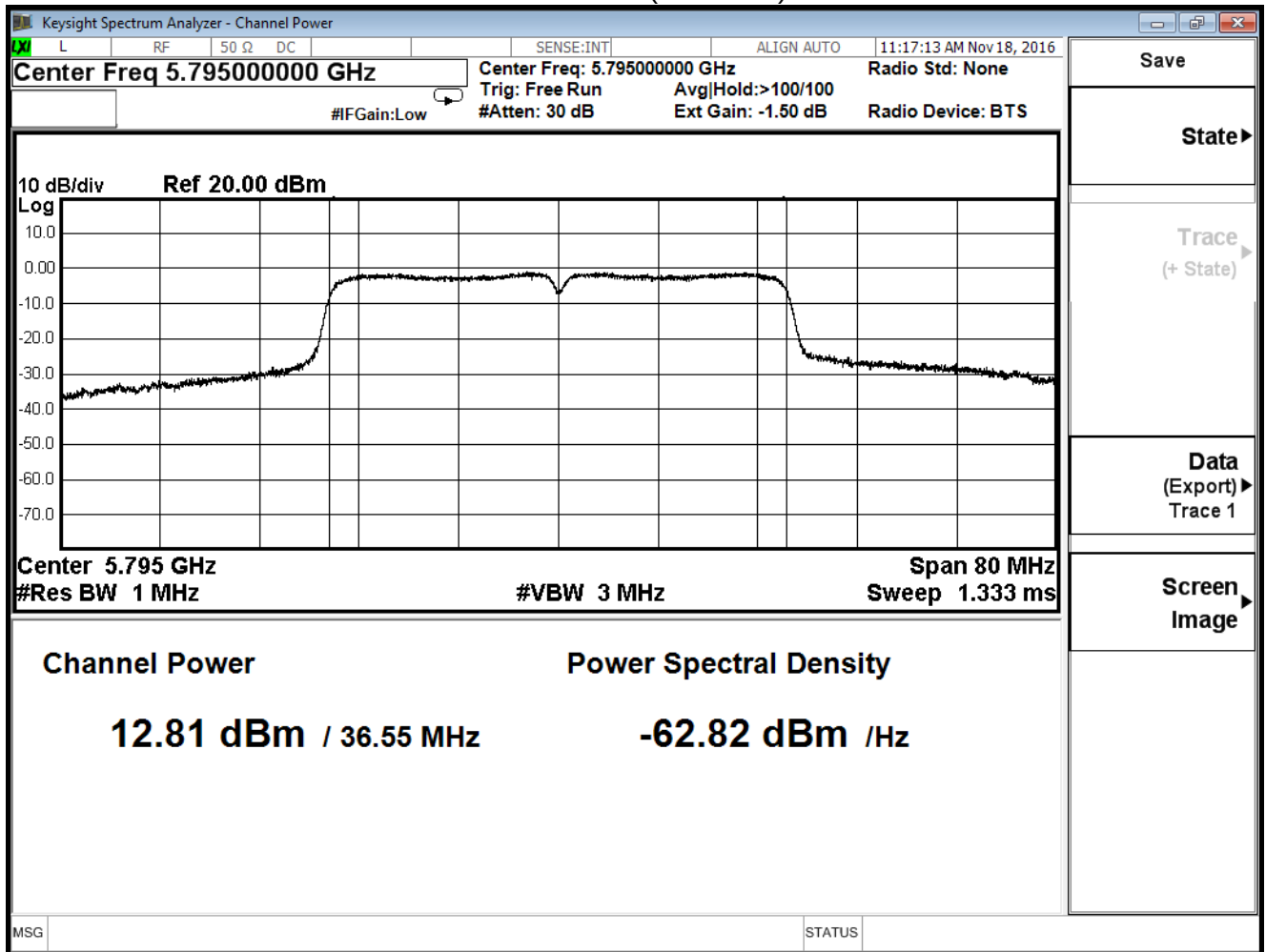
The worst emission of data rate is 13.5Mbps.

| Peak Power Output (dBm) |                 |           |       |       |       |       |       |       |       |                |
|-------------------------|-----------------|-----------|-------|-------|-------|-------|-------|-------|-------|----------------|
| MCS Index               |                 | 0         | 1     | 2     | 3     | 4     | 5     | 6     | 7     | Required Limit |
| Channel No              | Frequency (MHz) | Data Rate |       |       |       |       |       |       |       |                |
|                         |                 | 13.5      | 27    | 40.5  | 54    | 81    | 108   | 121.5 | 135   |                |
| 151                     | 5755            | 12.69     | --    | --    | --    | --    | --    | --    | --    | ≤ 30           |
| 159                     | 5795            | 12.81     | 12.77 | 12.73 | 12.69 | 12.64 | 12.61 | 12.56 | 12.52 | ≤ 30           |

Channel 151 (5755MHz)



### Channel 159 (5795MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/11/18                            | Test Site | SR7 |

IEEE 802.11n40 (ANT 0+1)

| Channel No. | Frequency<br>(MHz) | Measure Level<br>(dBm) | Limit<br>(dBm) |
|-------------|--------------------|------------------------|----------------|
| 151         | 5755               | 15.63                  | $\leq 30$      |
| 159         | 5795               | 15.76                  | $\leq 30$      |

The worst emission of data rate is 13.5 Mbps.

| Peak Power Output (dBm) |                    |           |       |       |       |       |       |       |       |                   |
|-------------------------|--------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| MCS Index               |                    | 0         | 1     | 2     | 3     | 4     | 5     | 6     | 7     | Required<br>Limit |
| Channel<br>No           | Frequency<br>(MHz) | Data Rate |       |       |       |       |       |       |       |                   |
|                         |                    | 13.5      | 27    | 40.5  | 54    | 81    | 108   | 121.5 | 135   |                   |
| 151                     | 5755               | 15.63     | --    | --    | --    | --    | --    | --    | --    | ≤ 30              |
| 159                     | 5795               | 15.76     | 15.73 | 15.64 | 15.59 | 15.55 | 15.52 | 15.47 | 15.43 | ≤ 30              |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

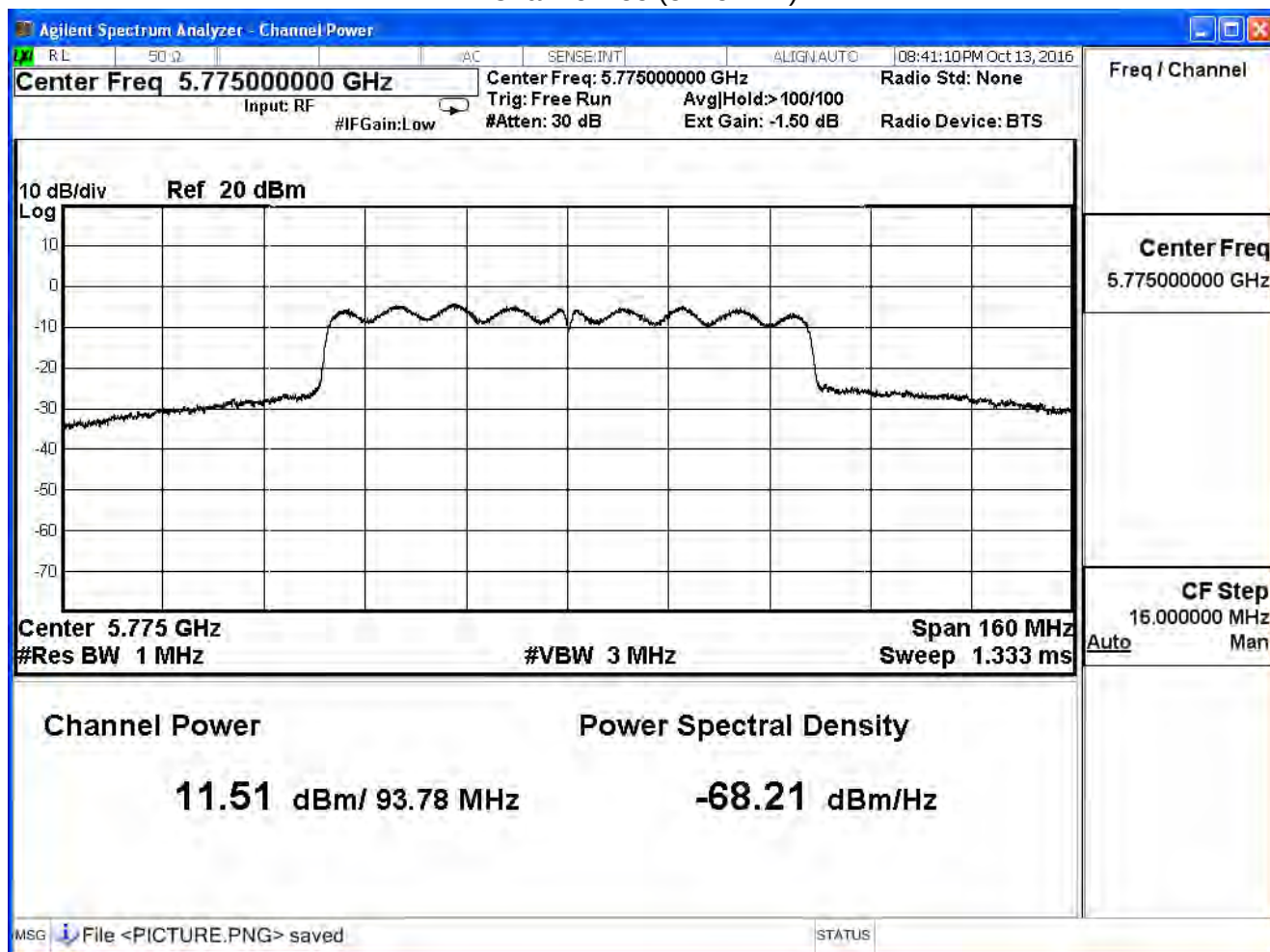
IEEE 802.11ac80 (ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) |
|-------------|-----------------|---------------------|-------------|
| 155         | 5775            | 11.51               | ≤ 30        |

The worst emission of data rate is 29.3 Mbps.

| Peak Power Output (dBm) |           |           |       |       |       |       |       |       |       |       |               |
|-------------------------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| MCS Index               |           | 0         | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | Require Limit |
| Channel                 | Frequency | Data Rate |       |       |       |       |       |       |       |       |               |
| No                      | (MHz)     | 29.3      | 58.5  | 87.8  | 117   | 175.5 | 234   | 263.3 | 292.5 | 351   | ≤30           |
| 155                     | 5775      | 11.51     | 11.45 | 11.41 | 11.37 | 11.32 | 11.26 | 11.23 | 11.18 | 11.14 |               |

Channel 155 (5775MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

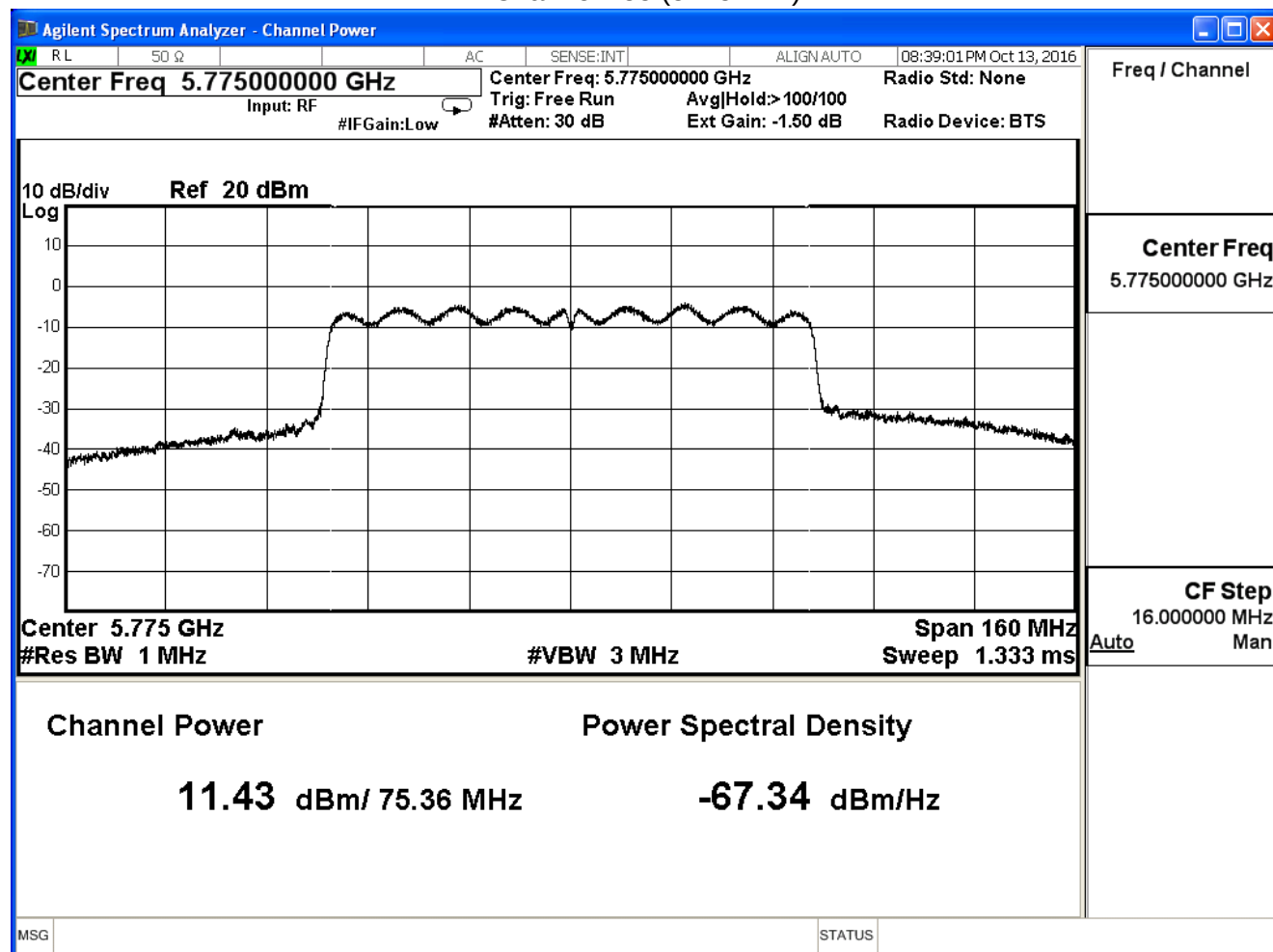
IEEE 802.11ac80 (ANT 1)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) |
|-------------|-----------------|---------------------|-------------|
| 155         | 5775            | 11.43               | $\leq 30$   |

The worst emission of data rate is 29.3 Mbps.

| Peak Power Output (dBm) |           |           |       |       |       |       |       |       |       |       |               |
|-------------------------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| MCS Index               |           | 0         | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | Require Limit |
| Channel                 | Frequency | Data Rate |       |       |       |       |       |       |       |       |               |
| No                      | (MHz)     | 29.3      | 58.5  | 87.8  | 117   | 175.5 | 234   | 263.3 | 292.5 | 351   | ≤30           |
| 155                     | 5775      | 11.43     | 11.37 | 11.33 | 11.28 | 11.25 | 11.21 | 11.16 | 11.14 | 11.07 |               |

Channel 155 (5775MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Transmit power                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

IEEE 802.11ac80 (ANT 0+1)

| Channel No. | Frequency<br>(MHz) | Measure Level<br>(dBm) | Limit<br>(dBm) |
|-------------|--------------------|------------------------|----------------|
| 155         | 5775               | 14.48                  | $\leq 30$      |

The worst emission of data rate is 29.3 Mbps.

| Peak Power Output (dBm) |           |           |       |       |       |       |       |       |       |       |               |
|-------------------------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| MCS Index               |           | 0         | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | Require Limit |
| Channel                 | Frequency | Data Rate |       |       |       |       |       |       |       |       |               |
| No                      | (MHz)     | 29.3      | 58.5  | 87.8  | 117   | 175.5 | 234   | 263.3 | 292.5 | 351   | ≤30           |
| 155                     | 5775      | 14.48     | 14.42 | 14.36 | 14.31 | 14.25 | 14.22 | 14.19 | 14.15 | 14.07 |               |

## 5. Peak Power Spectrum Density

### 5.1. Test Equipment

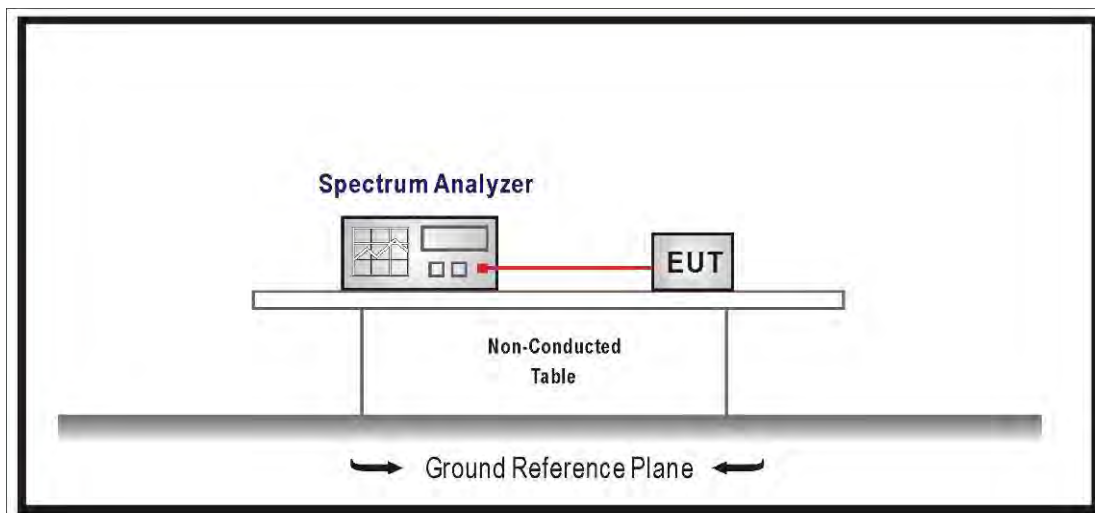
The following test equipments are used during the radiated emission tests:

Peak Power Spectrum Density / SR7

| Instrument                 | Manufacturer | Model No. | Serial No  | Next Cal. Date |
|----------------------------|--------------|-----------|------------|----------------|
| Spectrum Analyzer          | Agilent      | N9010A    | US47140172 | 2017/08/08     |
| Signal & Spectrum Analyzer | R&S          | FSV40     | 101049     | 2017/01/05     |
| Signal Analyzer            | R&S          | FSV7      | 101650     | 2017/11/15     |

Note: All equipments that need to calibrate are with calibration period of 1 year.

### 5.2. Test Setup





### 5.3. Limits

1. For the band 5.15-5.25 GHz, the peak power spectral density shall not exceed 17 dBm in any 1MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
2. For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi
3. For the band 5.25-5.35 GHz, the peak power spectral density shall not exceed 11 dBm in any 1-MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
4. For the band 5.725-5.850 GHz, the peak power spectral density shall not exceed 30 dBm in any 500KHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi..

### 5.4. Test Procedure

The EUT was setup to ANSI C63.10:2013; tested to U-NII test procedure of KDB 789033 V01r03 and 662911 D01 v02r01 for compliance to FCC 47CFR Subpart E requirements. For Band1 : Set RBW=1MHz, VBW=3MHz with RMS detector. The PPSD is the highest level found across the emission in any 1-MHz band after 100 sweeps of averaging.

For Band4 : Set RBW=500KHz, VBW=1.5MHz with RMS detector. The PPSD is the highest level found across the emission in any 500KHz band after 100 sweeps of averaging.

### 5.5. Uncertainty

The measurement uncertainty is defined as  $\pm 1.27$  dB

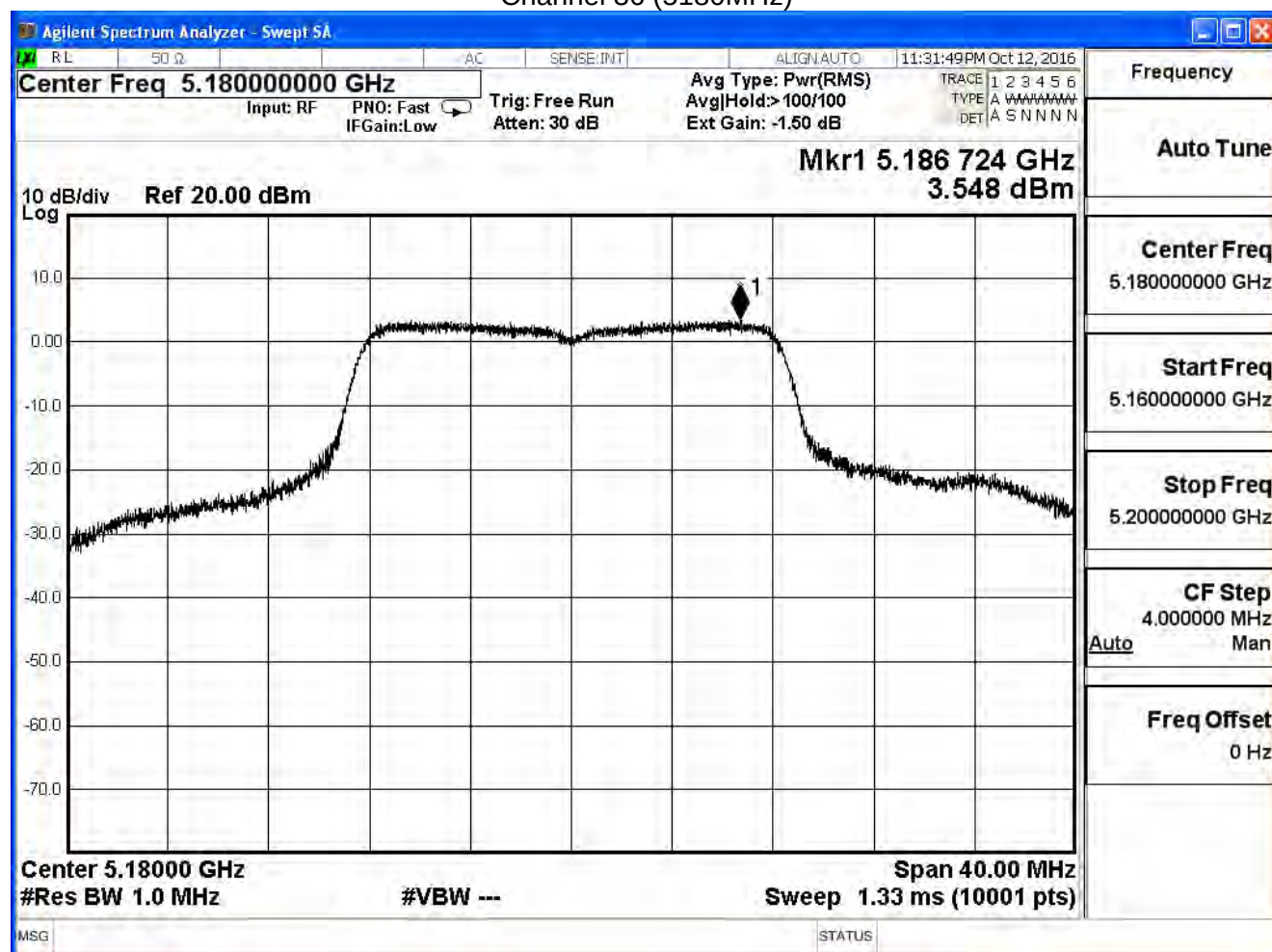
## 5.6. Test Result

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 1: Transmit_SISO Mode            |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

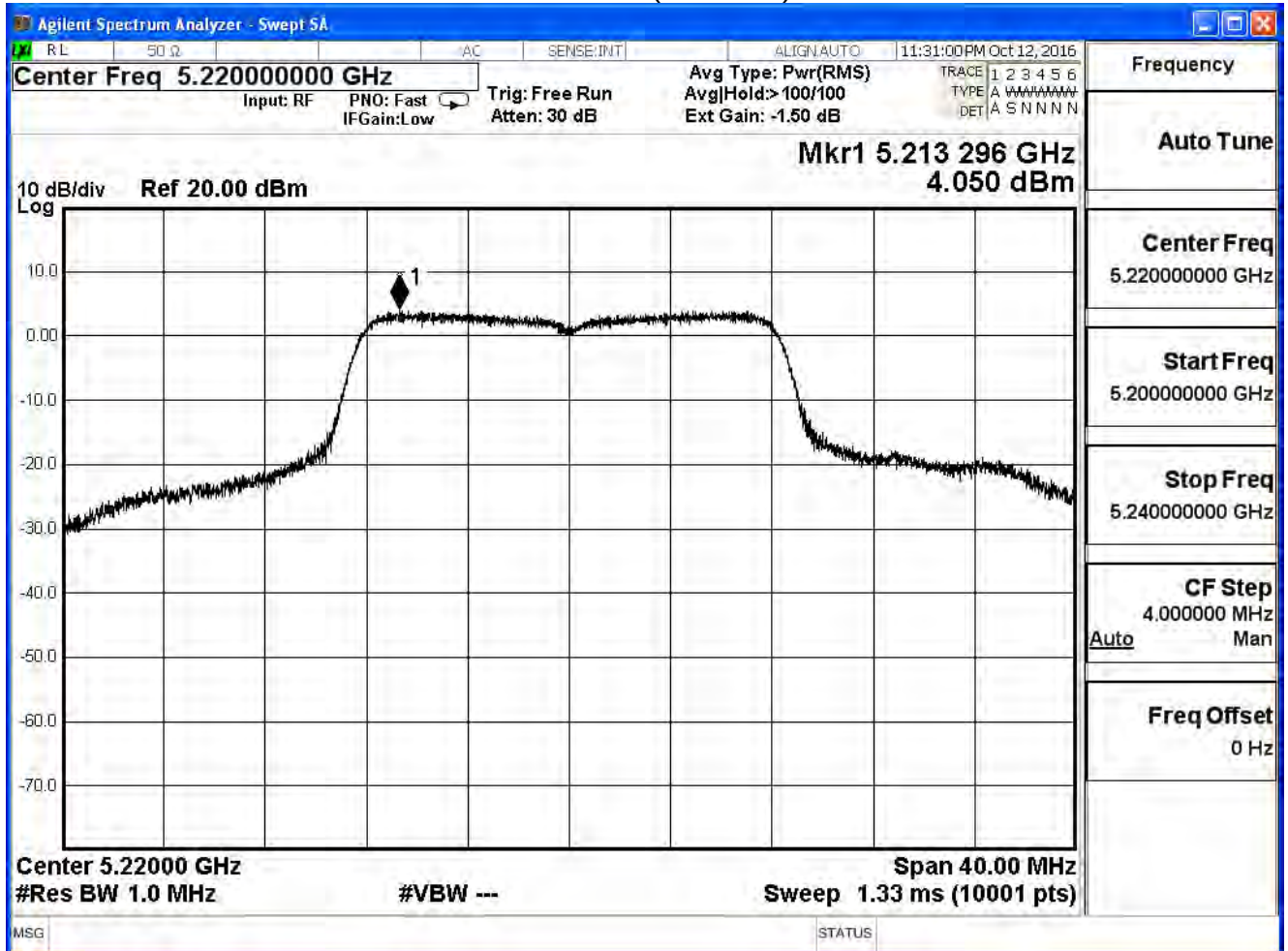
### IEEE 802.11a (ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 36          | 5180            | 3.548               | $\leq 11$   | Pass   |
| 44          | 5220            | 4.050               | $\leq 11$   | Pass   |
| 48          | 5240            | 3.806               | $\leq 11$   | Pass   |

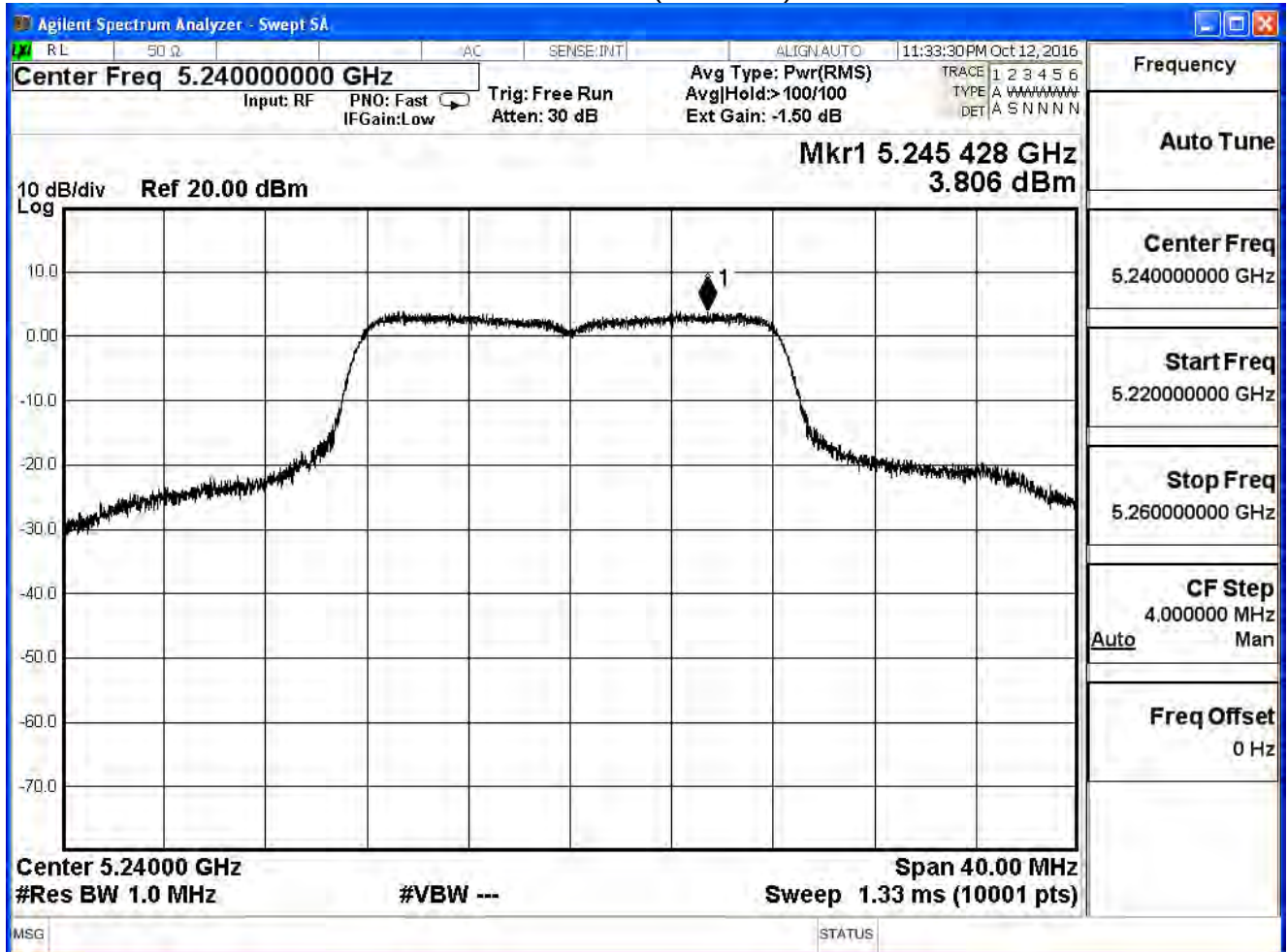
### Channel 36 (5180MHz)



### Channel 44 (5220MHz)



### Channel 48 (5240MHz)

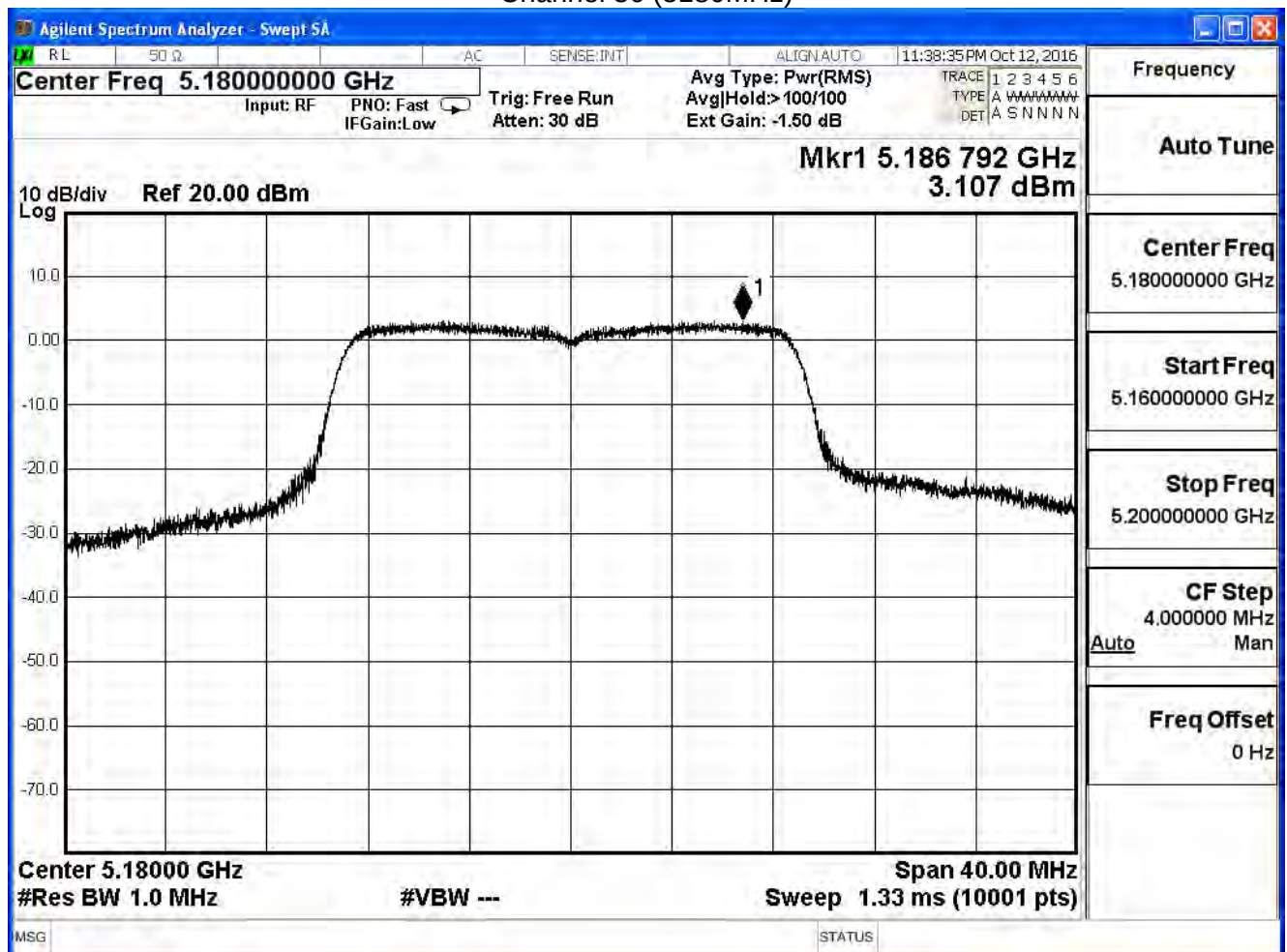




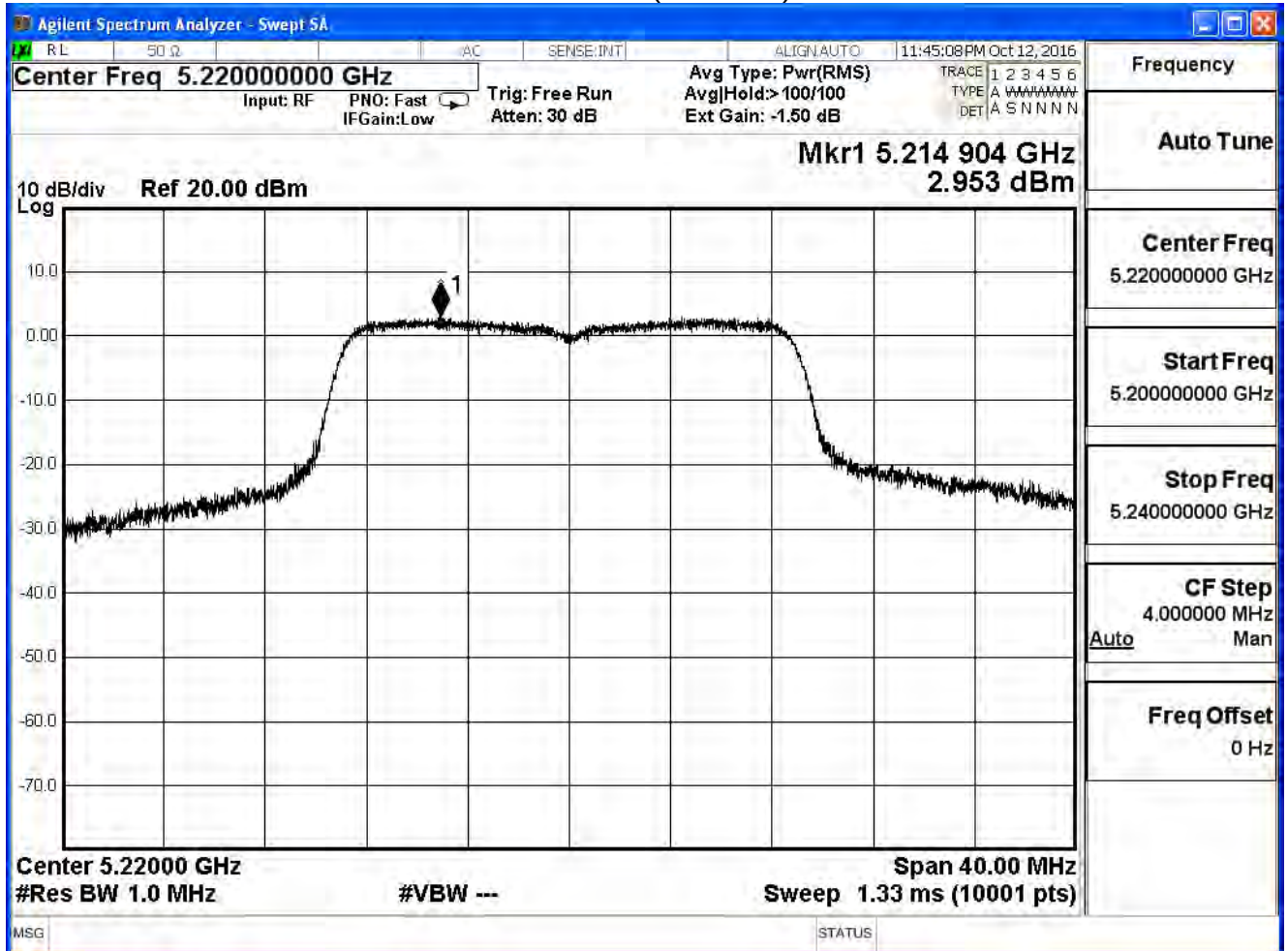
|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

| IEEE 802.11n(20MHz)(ANT 0) |                 |                     |             |        |
|----------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 36                         | 5180            | 3.107               | $\leq 11$   | Pass   |
| 44                         | 5220            | 2.953               | $\leq 11$   | Pass   |
| 48                         | 5240            | 2.460               | $\leq 11$   | Pass   |

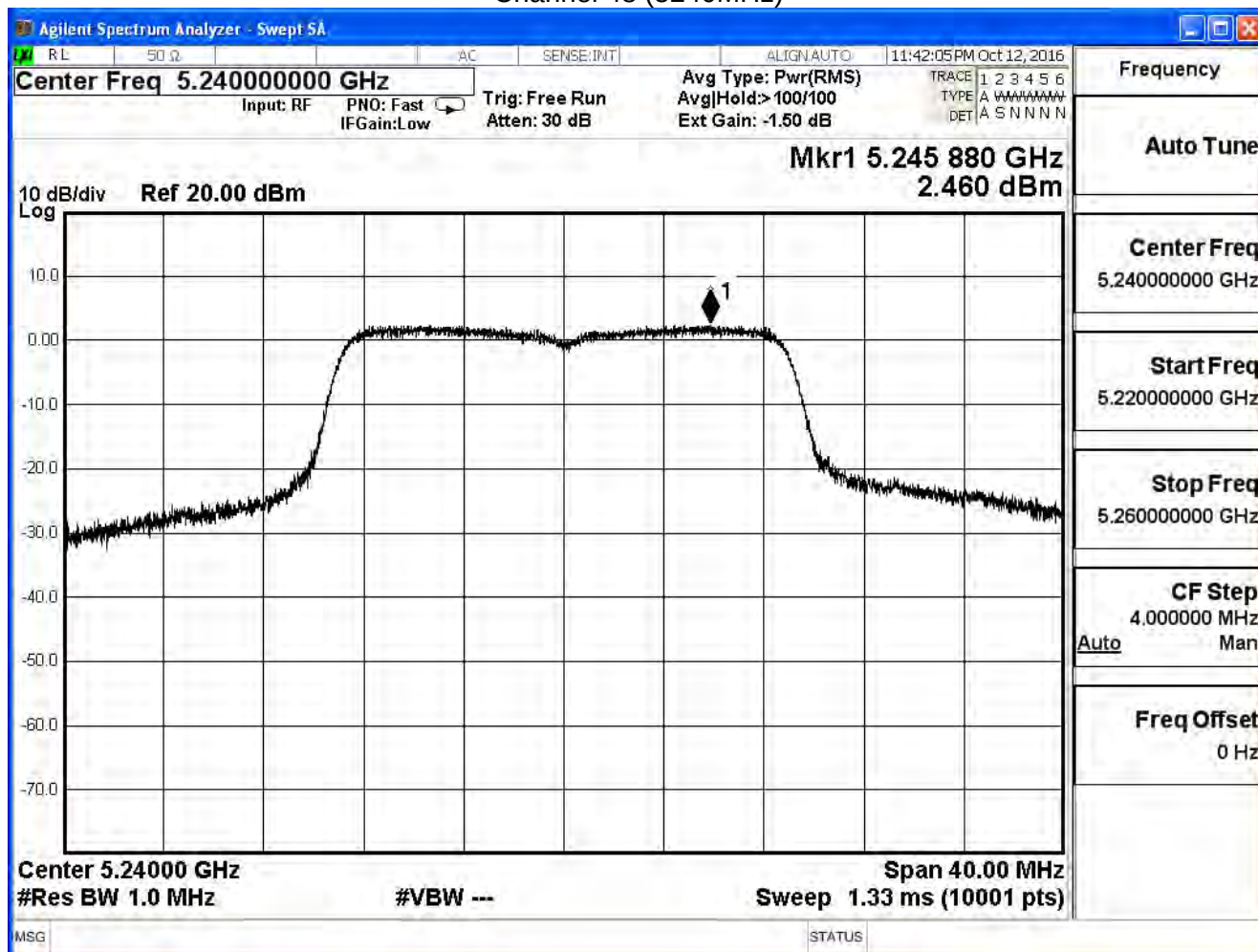
Channel 36 (5180MHz)



### Channel 44 (5220MHz)



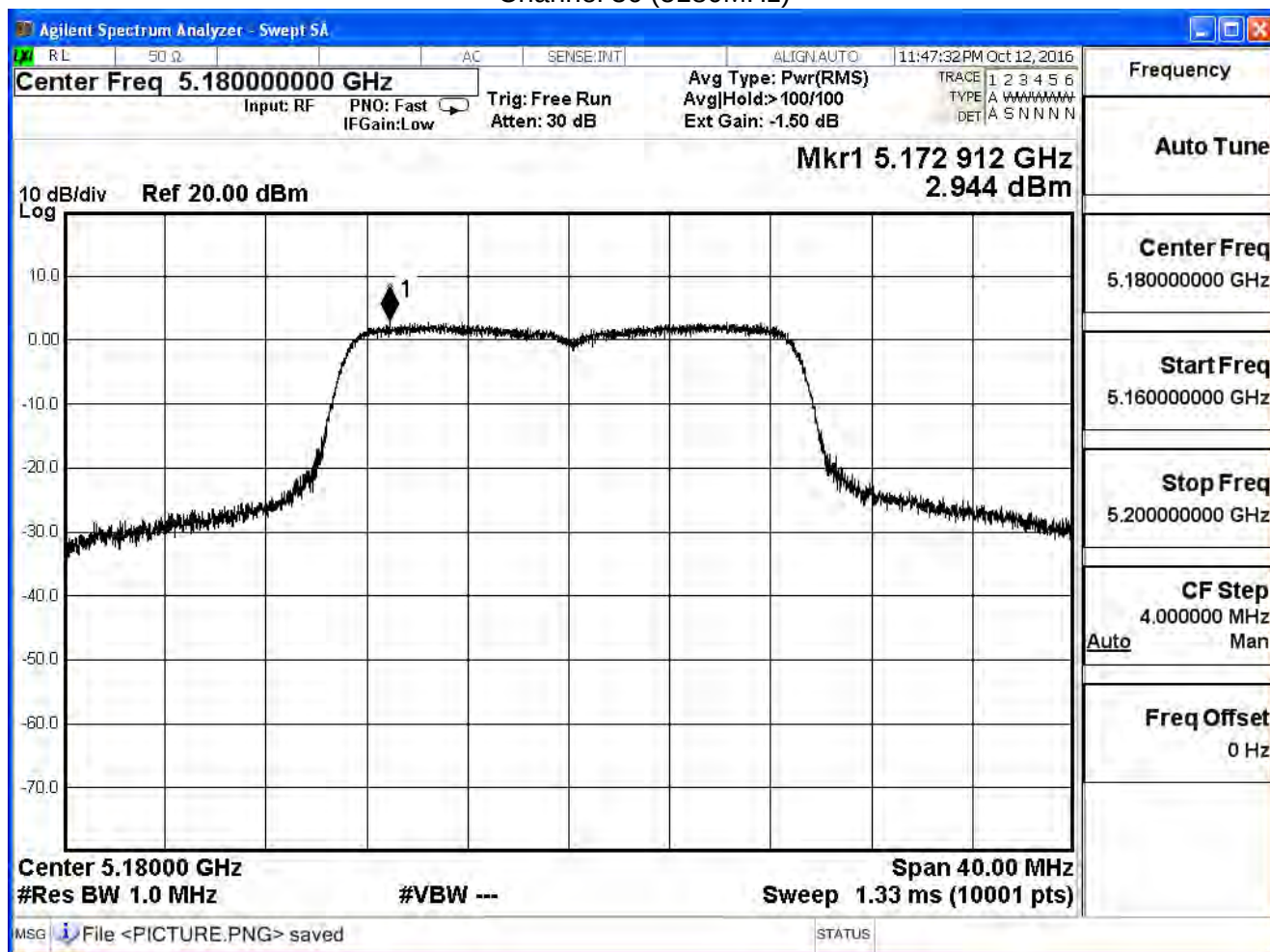
## Channel 48 (5240MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

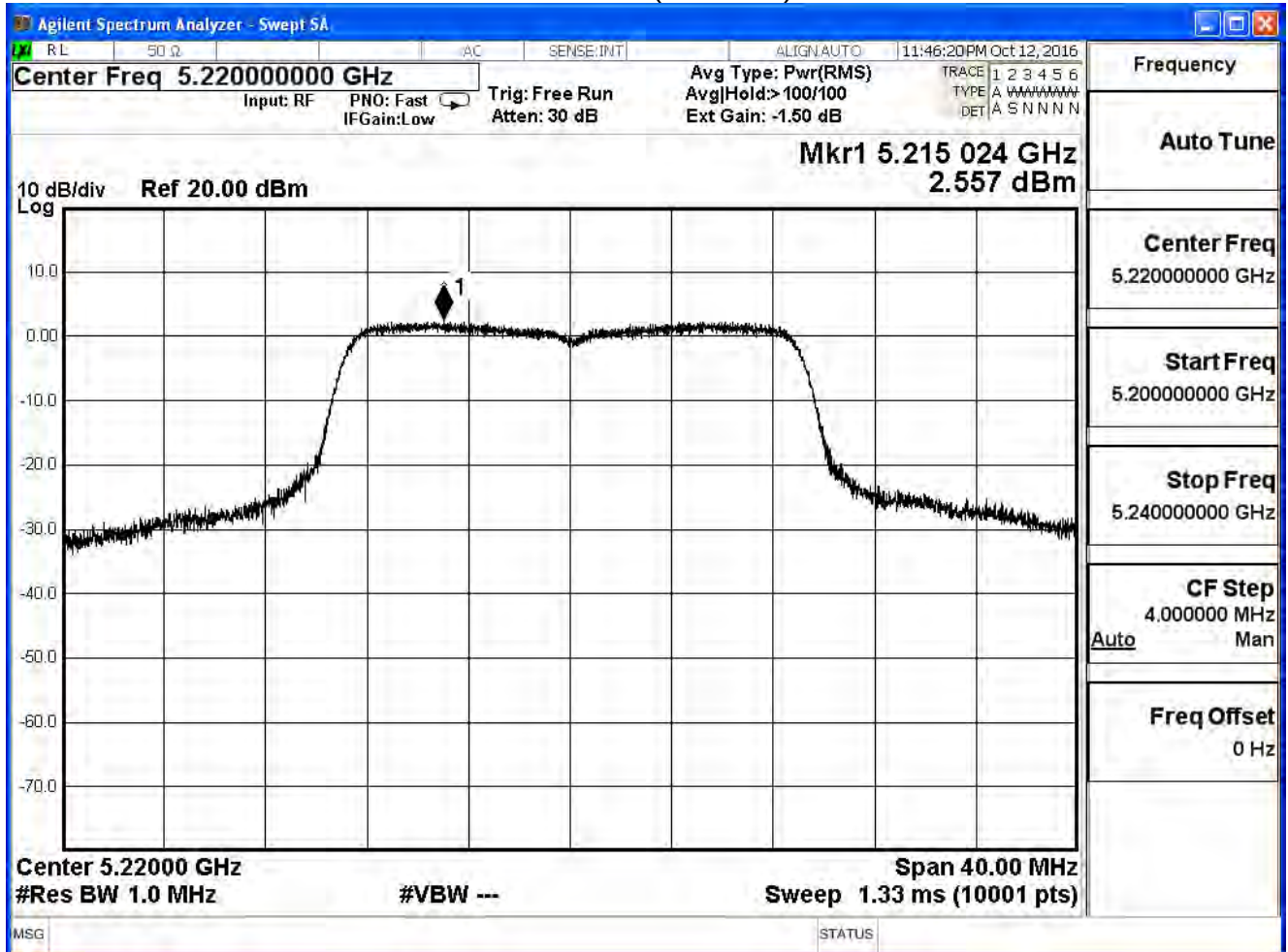
| IEEE 802.11n(20MHz) (ANT 1) |                    |                      |                |        |
|-----------------------------|--------------------|----------------------|----------------|--------|
| Channel No.                 | Frequency<br>(MHz) | Measurement<br>(dBm) | Limit<br>(dBm) | Result |
| 36                          | 5180               | 2.944                | ≤ 11           | Pass   |
| 44                          | 5220               | 2.557                | ≤ 11           | Pass   |
| 48                          | 5240               | 2.623                | ≤ 11           | Pass   |

Channel 36 (5180MHz)

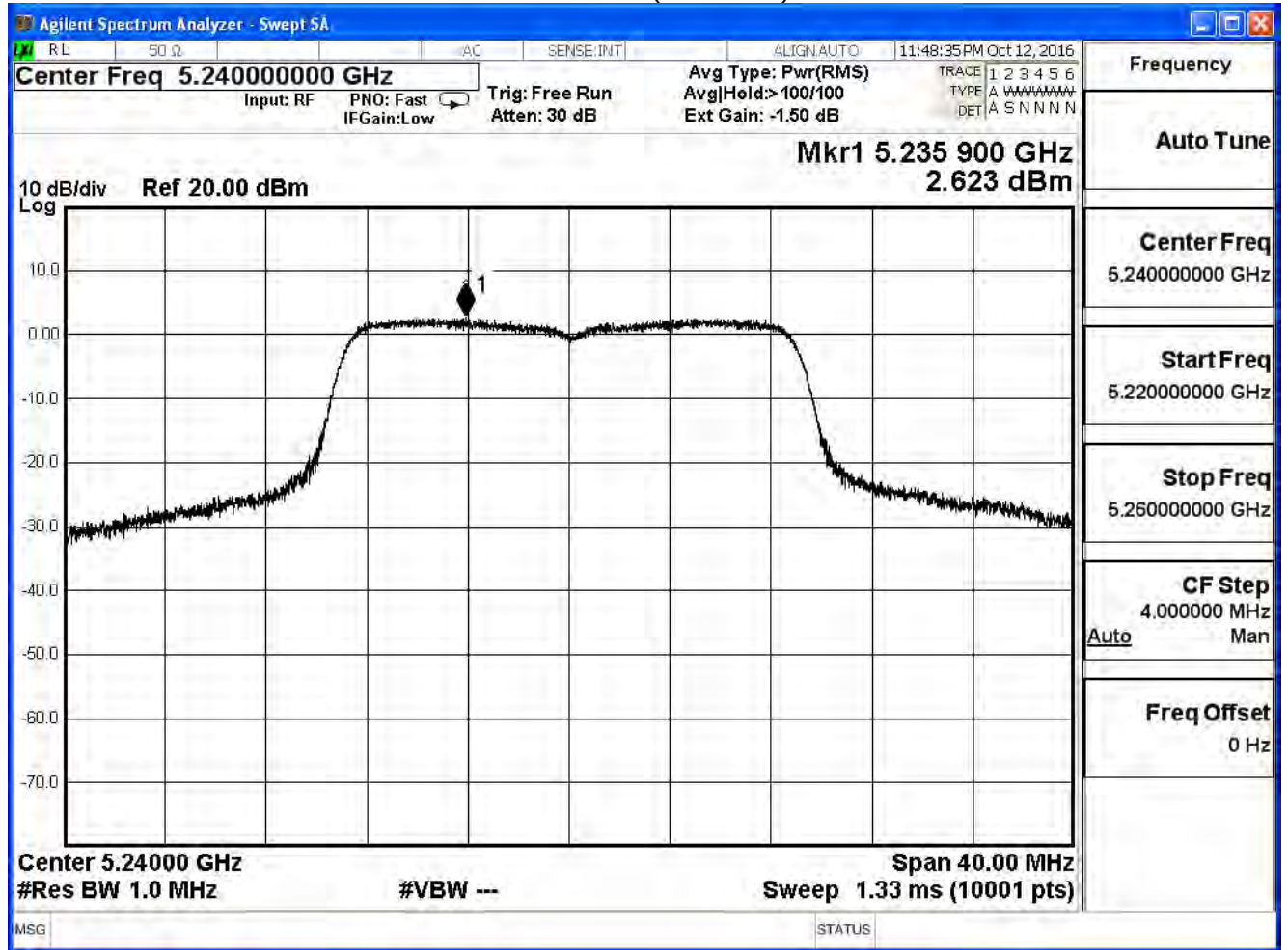




### Channel 44 (5220MHz)



Channel 48 (5240MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

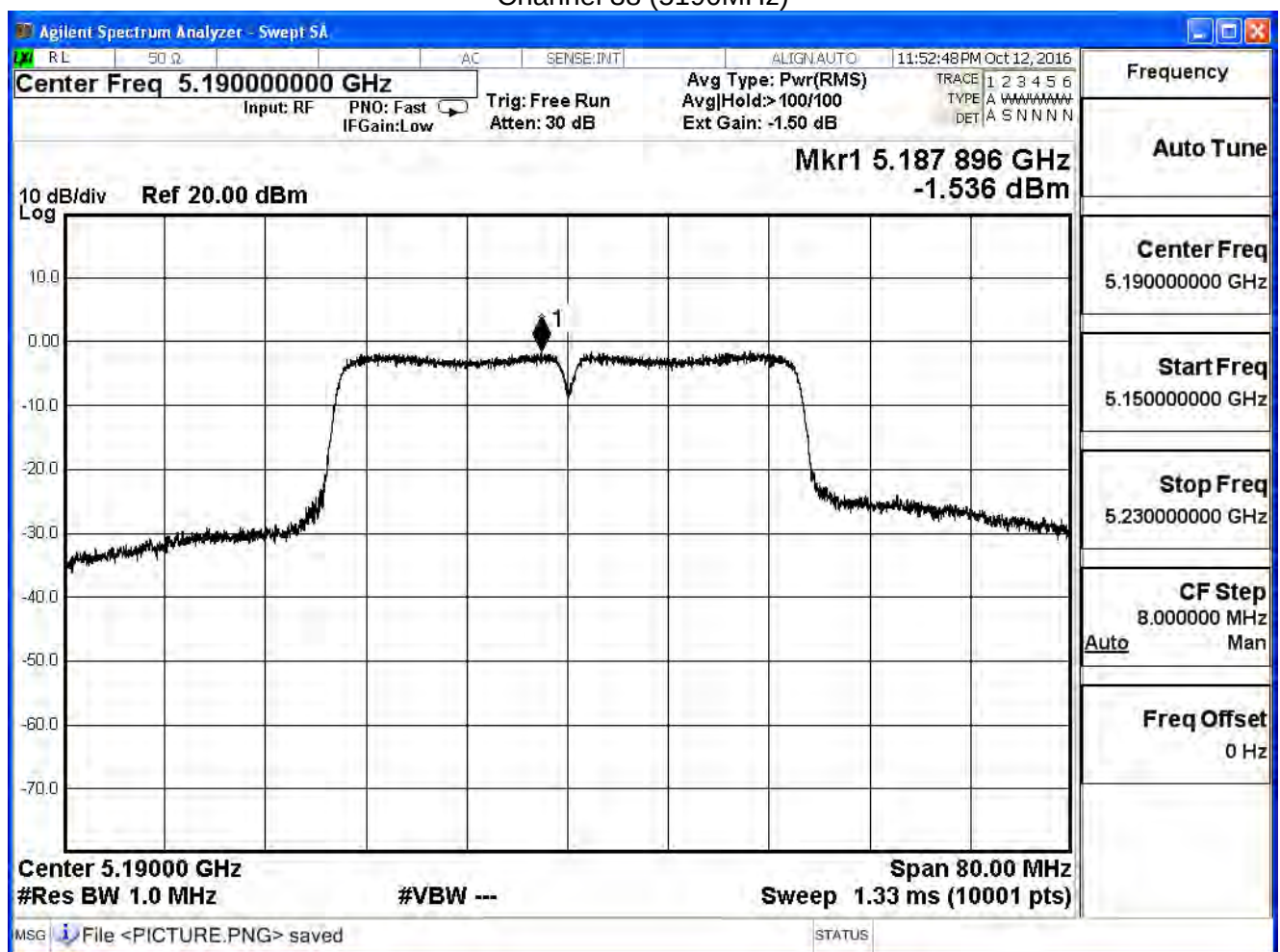
| IEEE 802.11n(20MHz) (ANT 0+1) |                    |                        |                |        |
|-------------------------------|--------------------|------------------------|----------------|--------|
| Channel No.                   | Frequency<br>(MHz) | Measure Level<br>(dBm) | Limit<br>(dBm) | Result |
| 36                            | 5180               | 6.037                  | $\leq 11$      | Pass   |
| 44                            | 5220               | 5.770                  | $\leq 11$      | Pass   |
| 48                            | 5240               | 5.553                  | $\leq 11$      | Pass   |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

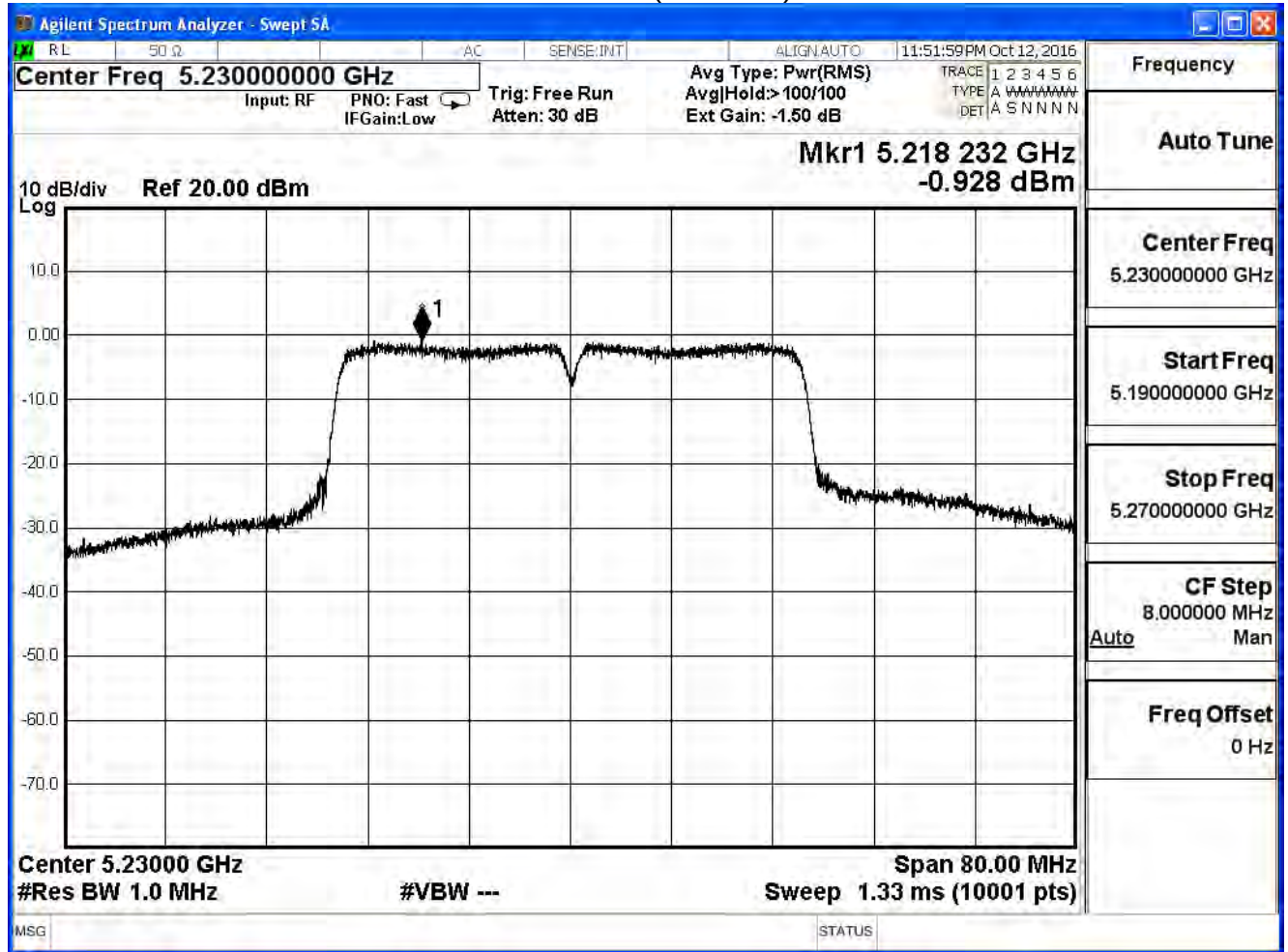
IEEE 802.11n(40MHz)(ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 38          | 5190            | -1.536              | $\leq 11$   | Pass   |
| 46          | 5230            | -0.928              | $\leq 11$   | Pass   |

Channel 38 (5190MHz)



Channel 46 (5230MHz)



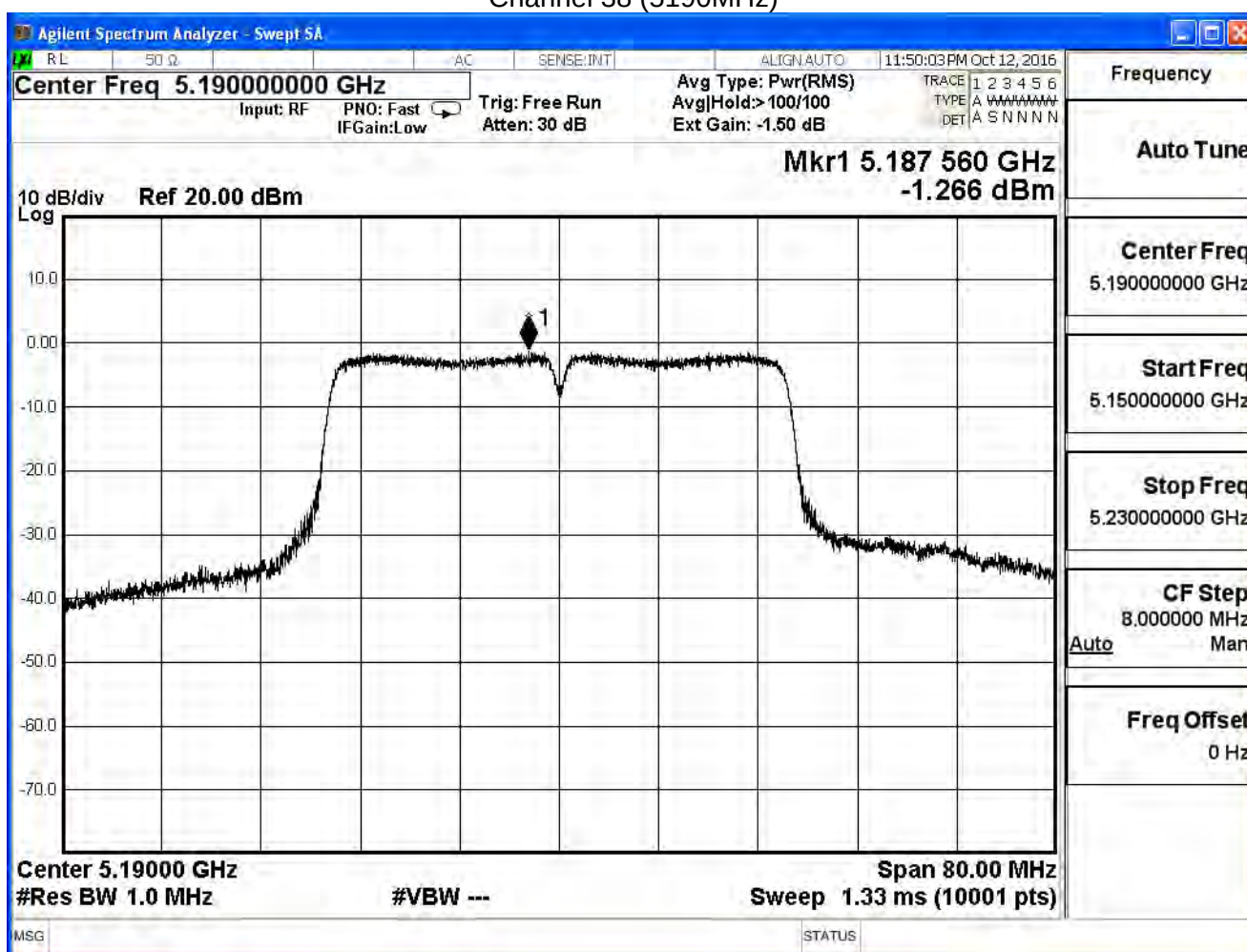


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

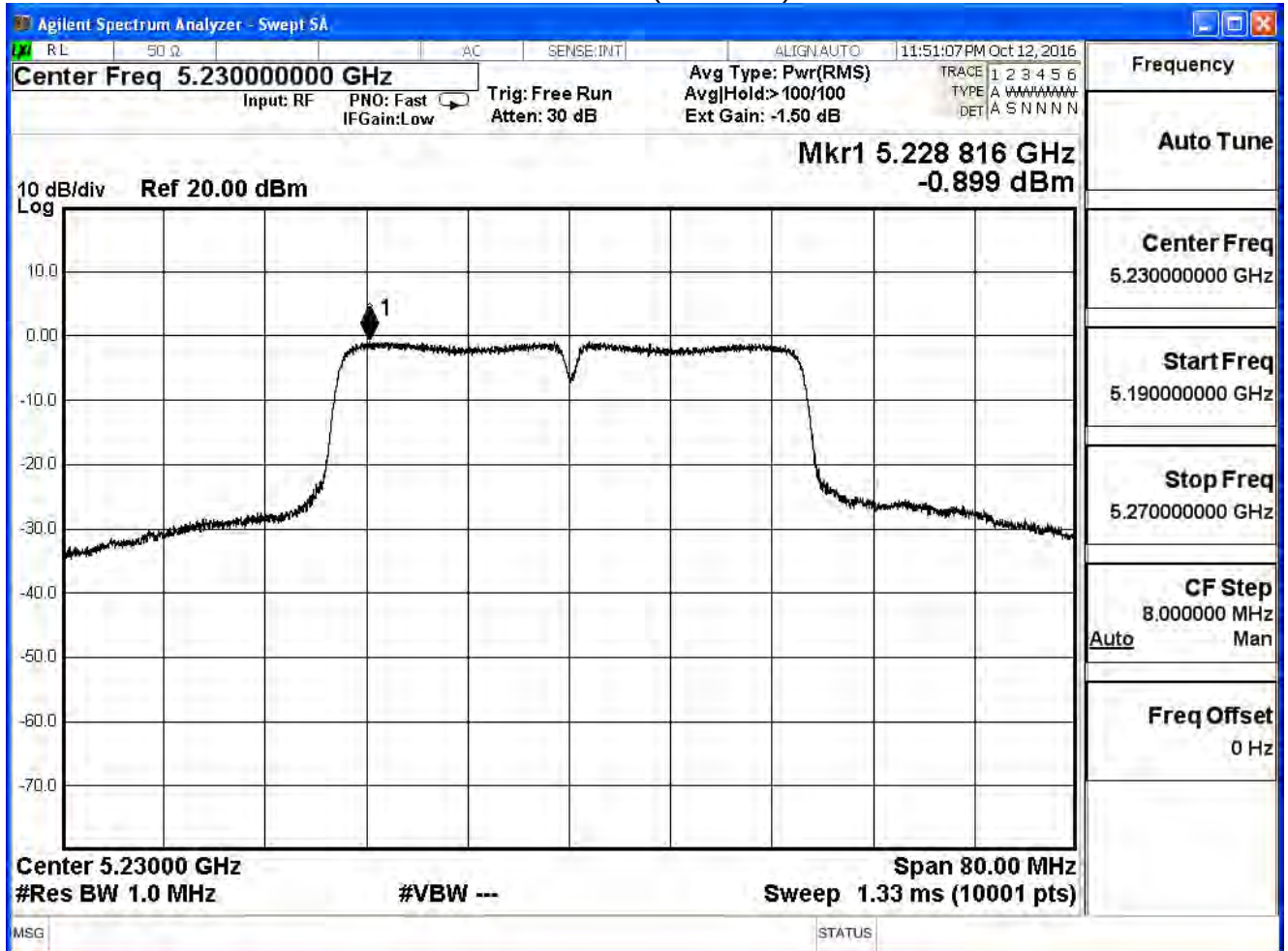
IEEE 802.11n(40MHz) (ANT 1)

| Channel No. | Frequency (MHz) | Measurement (dBm) | Limit (dBm) | Result |
|-------------|-----------------|-------------------|-------------|--------|
| 38          | 5190            | -1.266            | $\leq 11$   | Pass   |
| 46          | 5230            | -0.899            | $\leq 11$   | Pass   |

Channel 38 (5190MHz)



### Channel 46 (5230MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

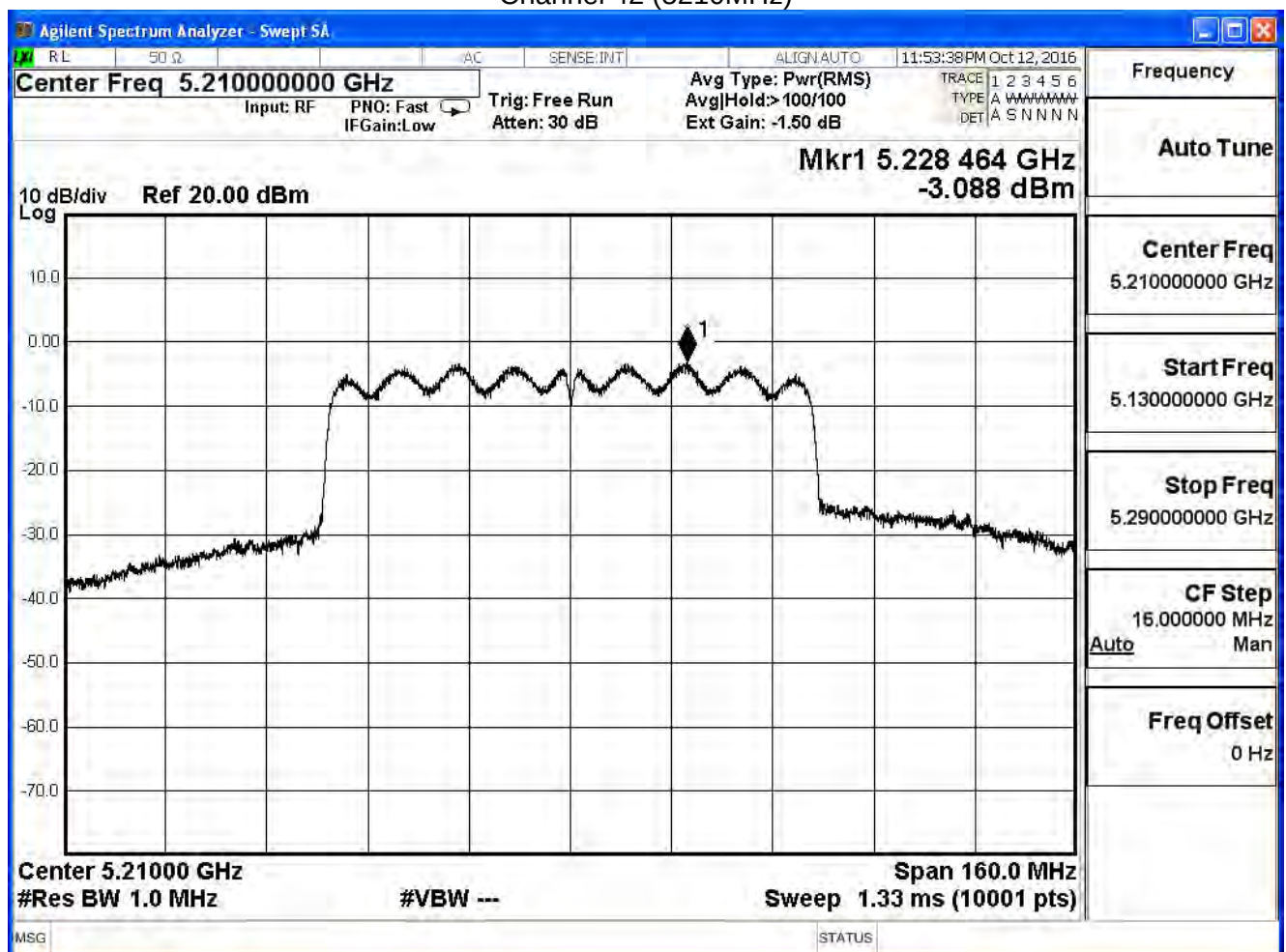
| IEEE 802.11n(40MHz) (ANT 0+1) |                    |                        |                |        |
|-------------------------------|--------------------|------------------------|----------------|--------|
| Channel No.                   | Frequency<br>(MHz) | Measure Level<br>(dBm) | Limit<br>(dBm) | Result |
| 38                            | 5190               | 1.611                  | $\leq 11$      | Pass   |
| 46                            | 5230               | 2.097                  | $\leq 11$      | Pass   |



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

|                             |                    |                        |                |        |
|-----------------------------|--------------------|------------------------|----------------|--------|
| IEEE 802.11ac(80MHz)(ANT 0) |                    |                        |                |        |
| Channel No.                 | Frequency<br>(MHz) | Measure Level<br>(dBm) | Limit<br>(dBm) | Result |
| 42                          | 5210               | -3.088                 | $\leq 11$      | Pass   |

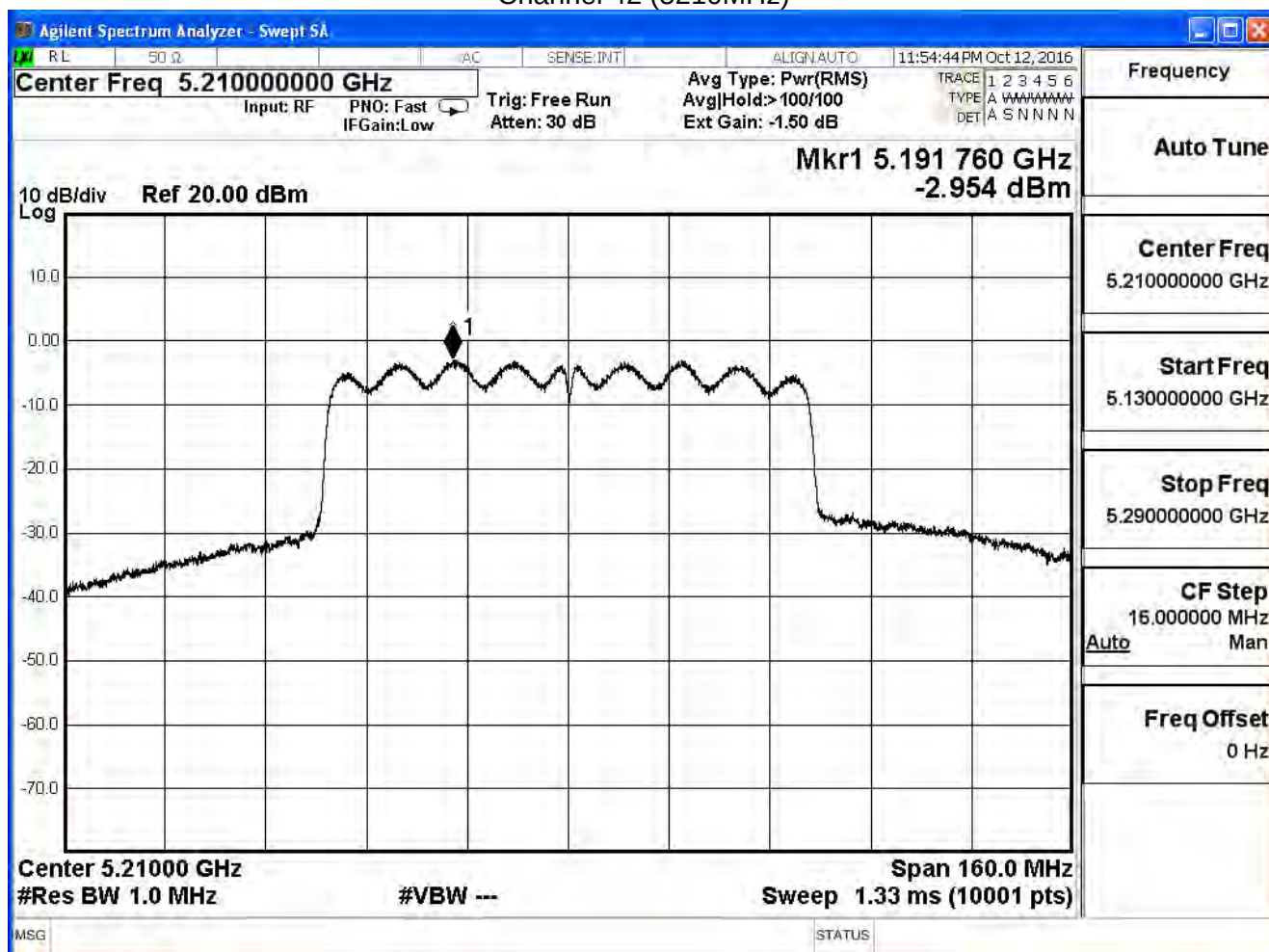
Channel 42 (5210MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

| IEEE 802.11ac(80MHz) (ANT 1) |                 |                   |             |        |
|------------------------------|-----------------|-------------------|-------------|--------|
| Channel No.                  | Frequency (MHz) | Measurement (dBm) | Limit (dBm) | Result |
| 42                           | 5210            | -2.954            | $\leq 11$   | Pass   |

Channel 42 (5210MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/12                            | Test Site | SR7 |

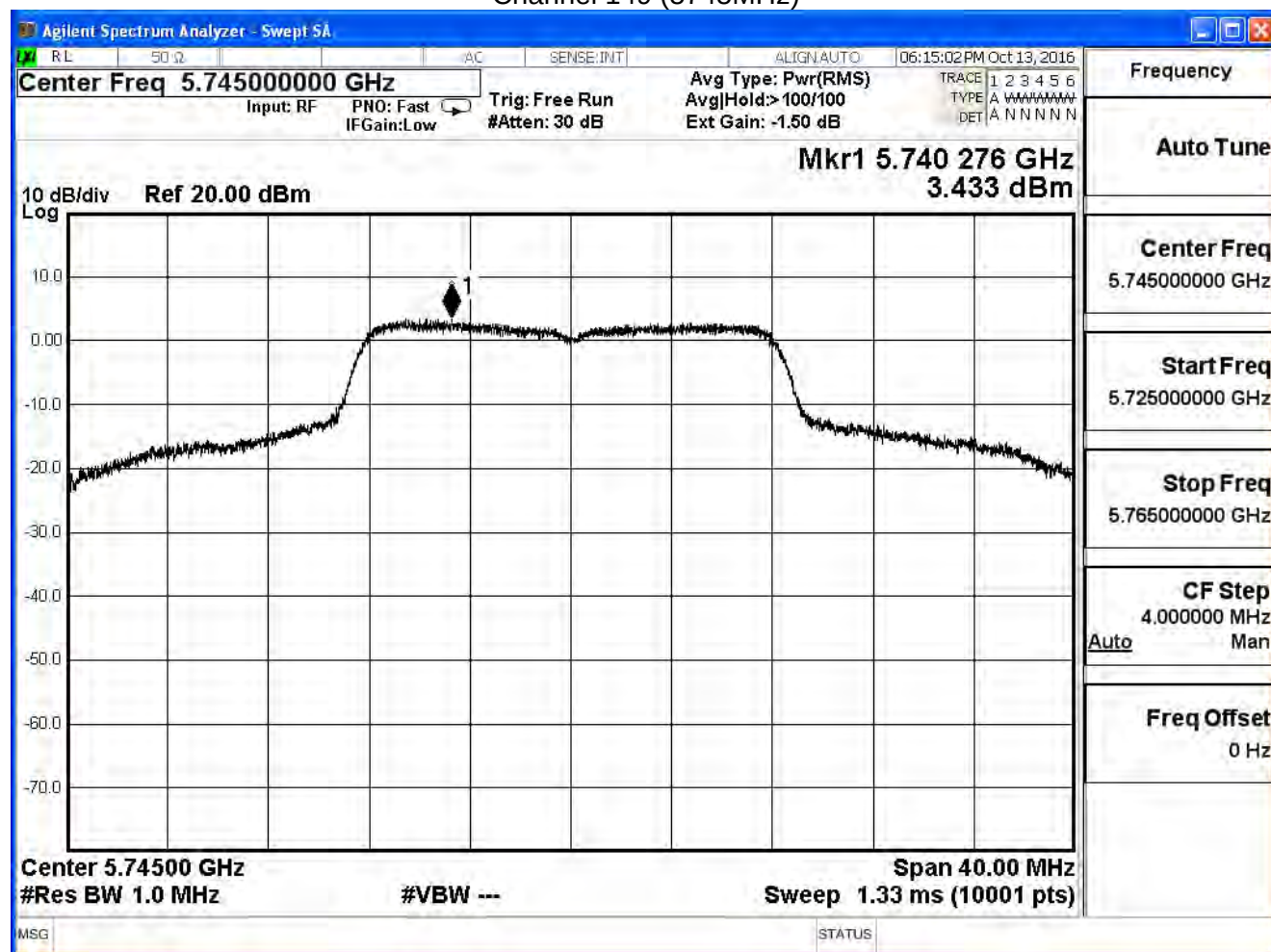
|                               |                    |                        |                |        |
|-------------------------------|--------------------|------------------------|----------------|--------|
| IEEE 802.11ac(80MHz)(ANT 0+1) |                    |                        |                |        |
| Channel No.                   | Frequency<br>(MHz) | Measure Level<br>(dBm) | Limit<br>(dBm) | Result |
| 42                            | 5210               | -0.010                 | $\leq 11$      | Pass   |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 1: Transmit_SISO Mode            |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

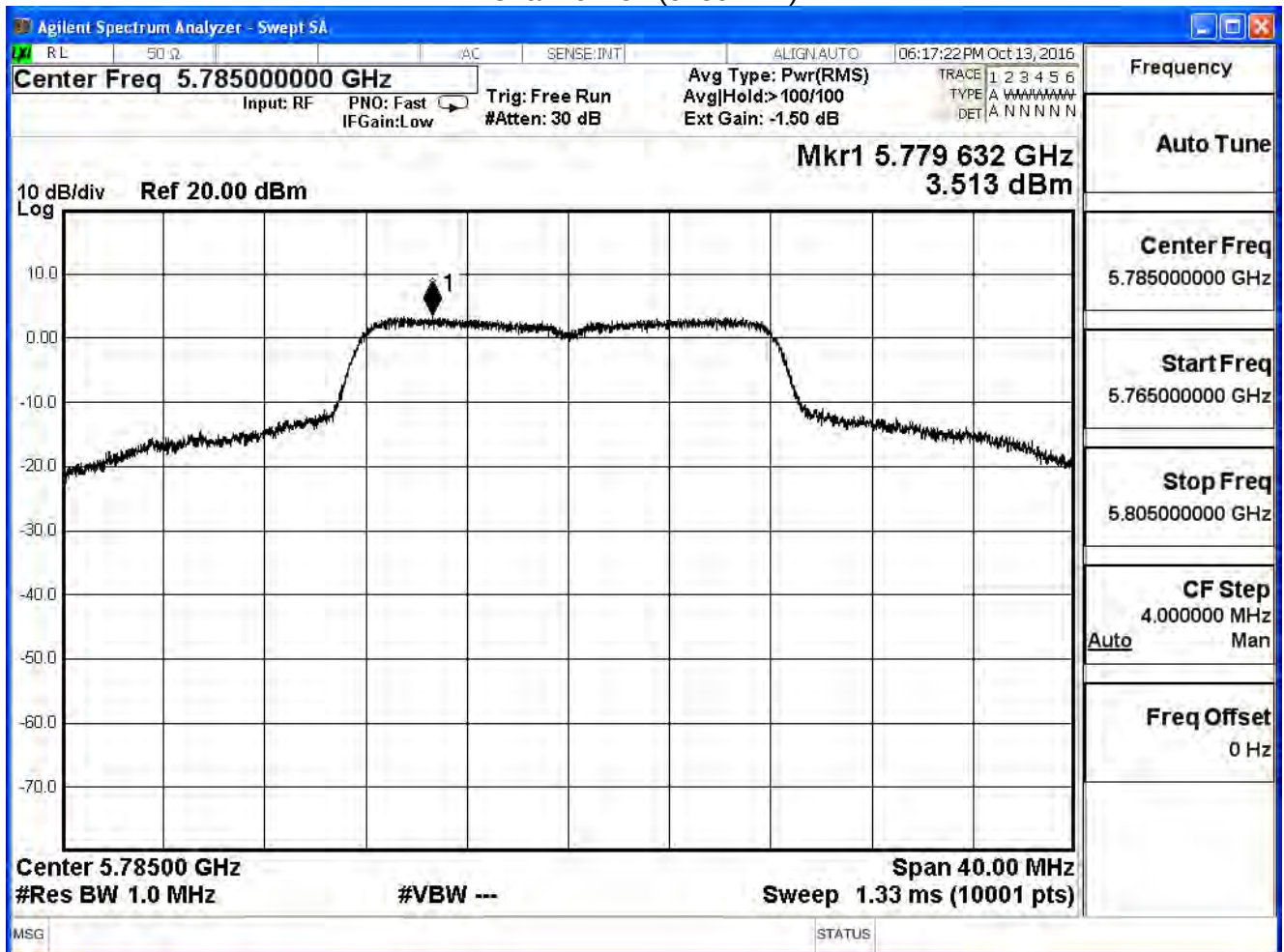
IEEE 802.11a (ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 149         | 5745            | 3.433               | $\leq 30$   | Pass   |
| 157         | 5785            | 3.513               | $\leq 30$   | Pass   |
| 165         | 5825            | 3.581               | $\leq 30$   | Pass   |

Channel 149 (5745MHz)

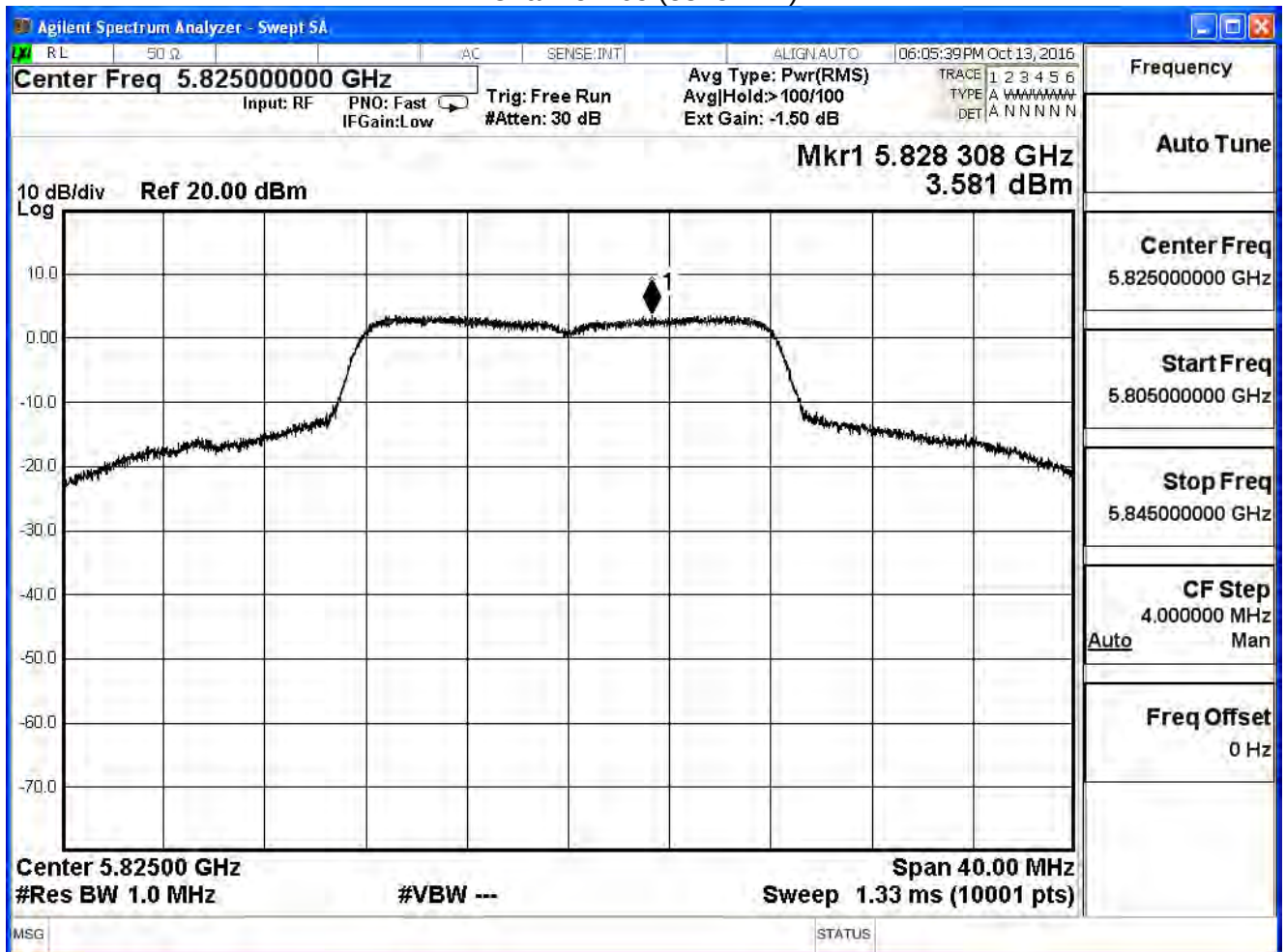


Channel 157 (5785MHz)





### Channel 165 (5825MHz)

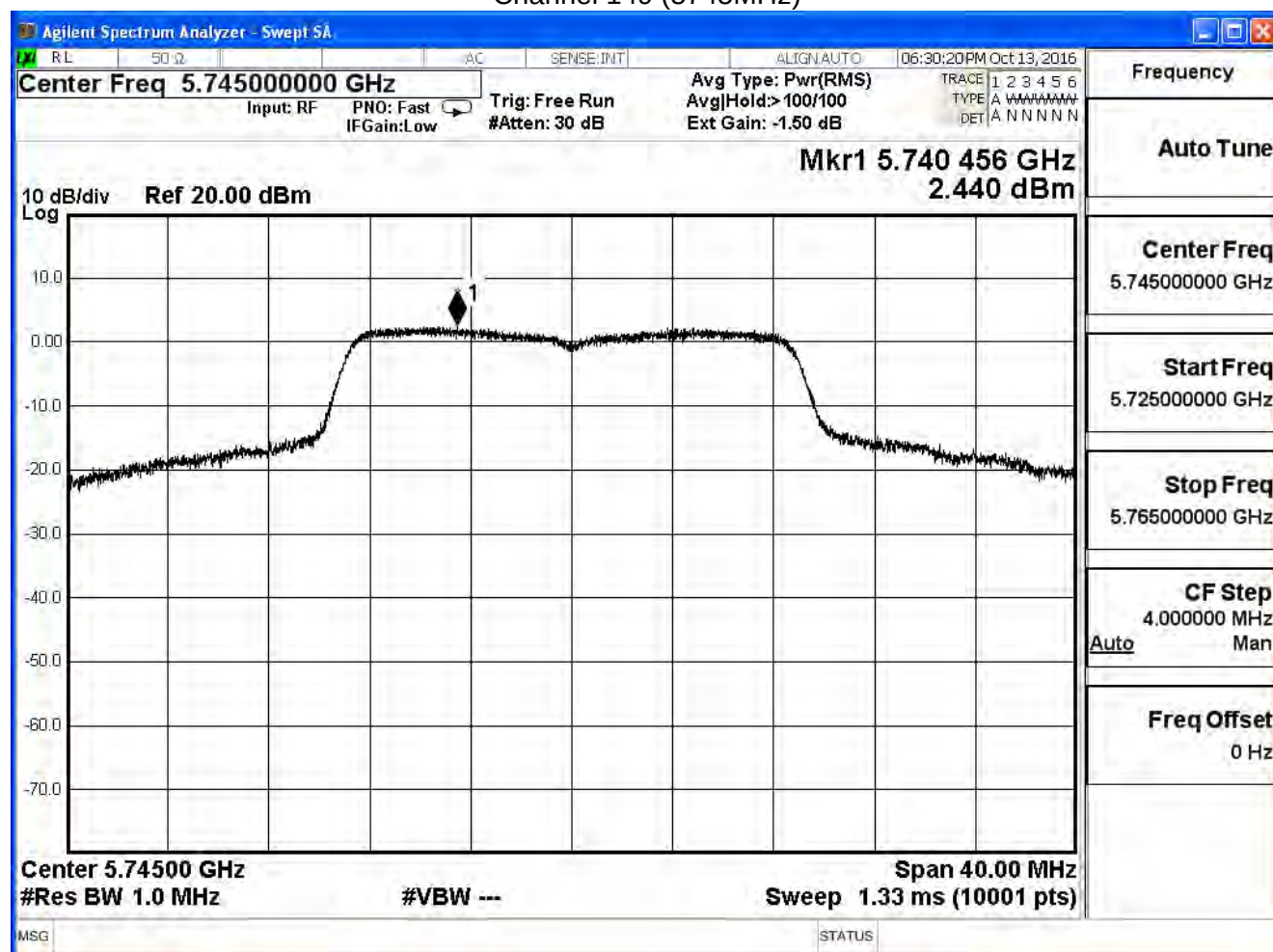


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

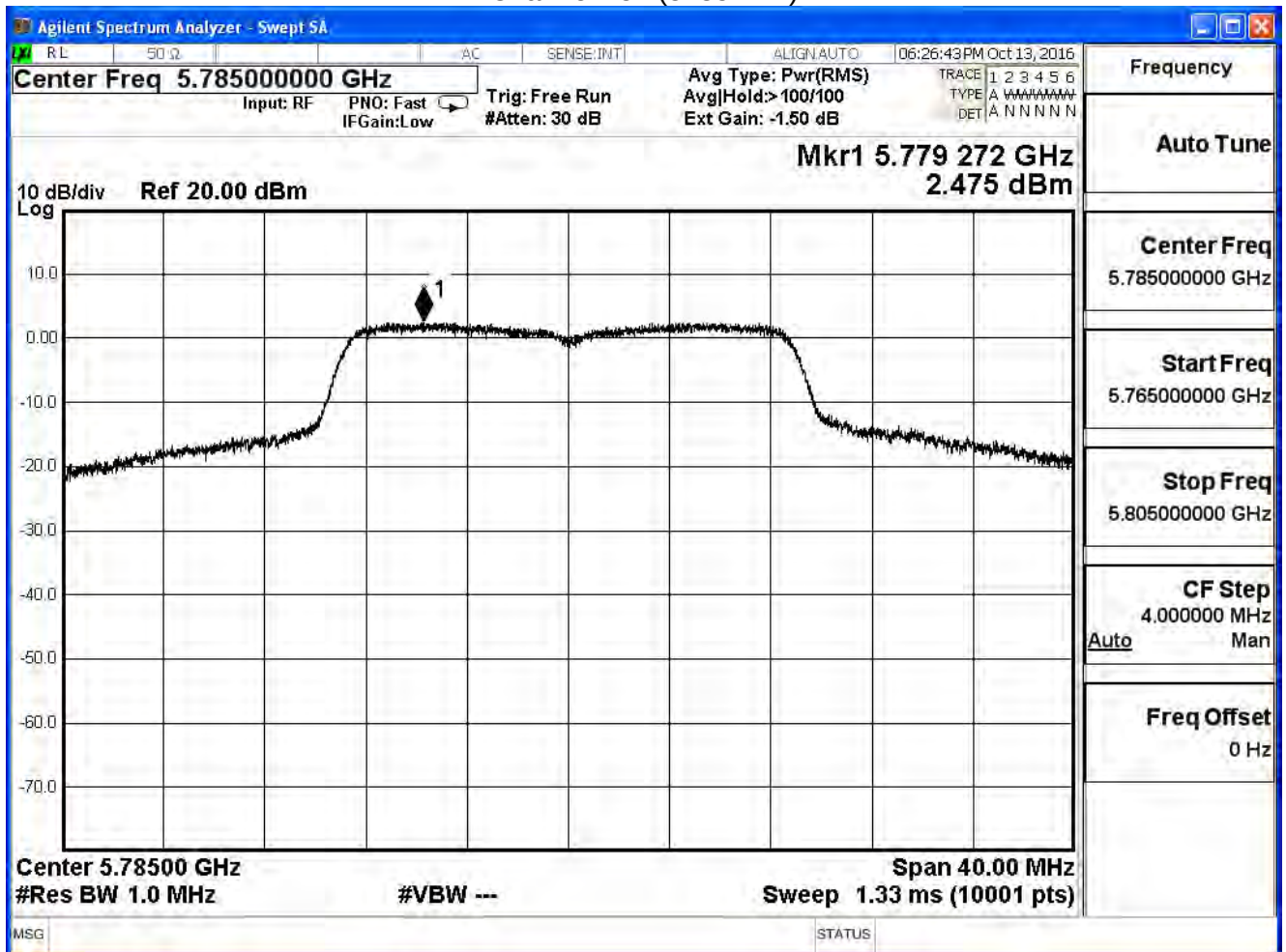
IEEE 802.11n(20MHz)(ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 149         | 5745            | 2.440               | $\leq 30$   | Pass   |
| 157         | 5785            | 2.475               | $\leq 30$   | Pass   |
| 165         | 5825            | 2.937               | $\leq 30$   | Pass   |

Channel 149 (5745MHz)

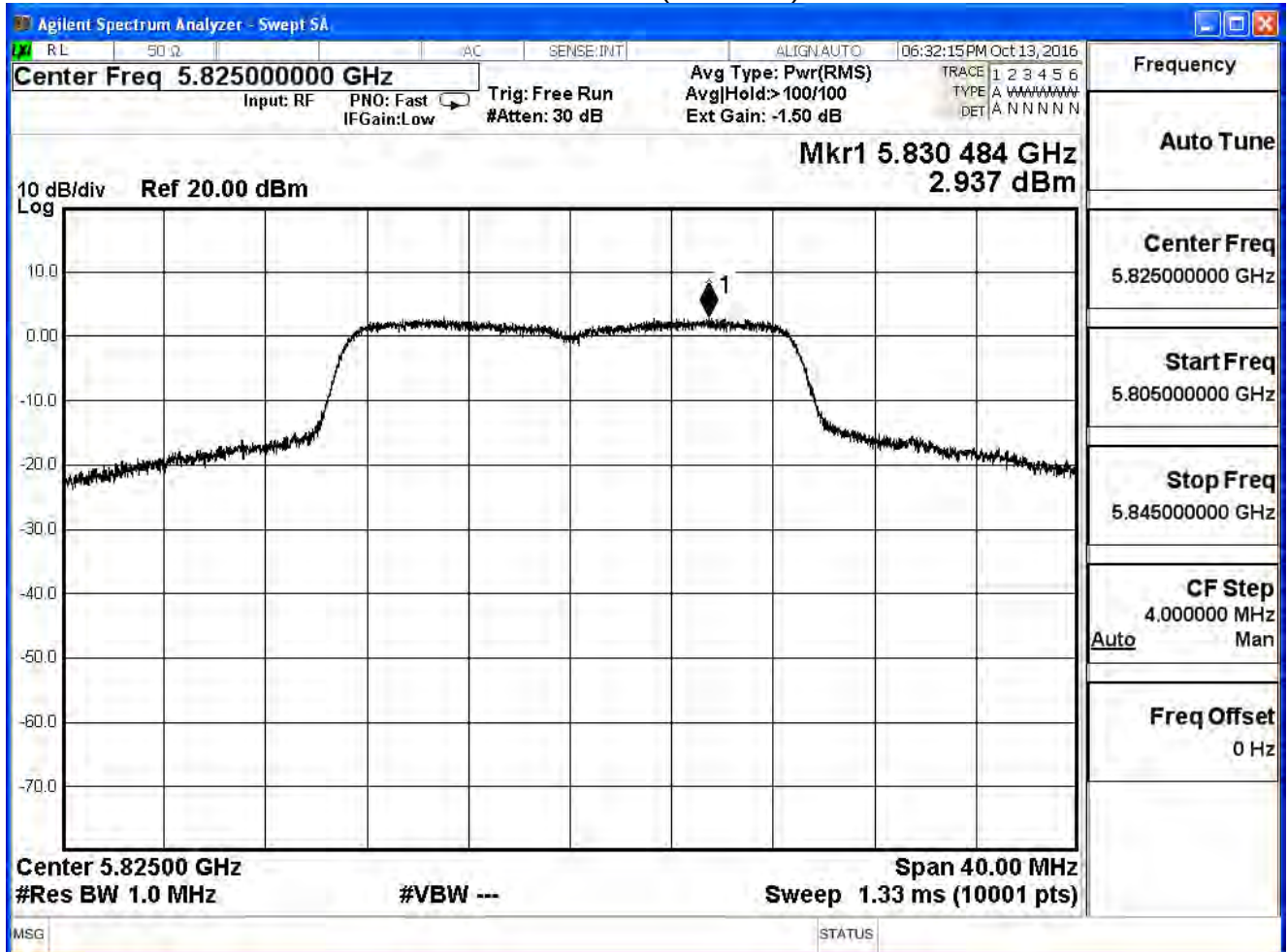


Channel 157 (5785MHz)





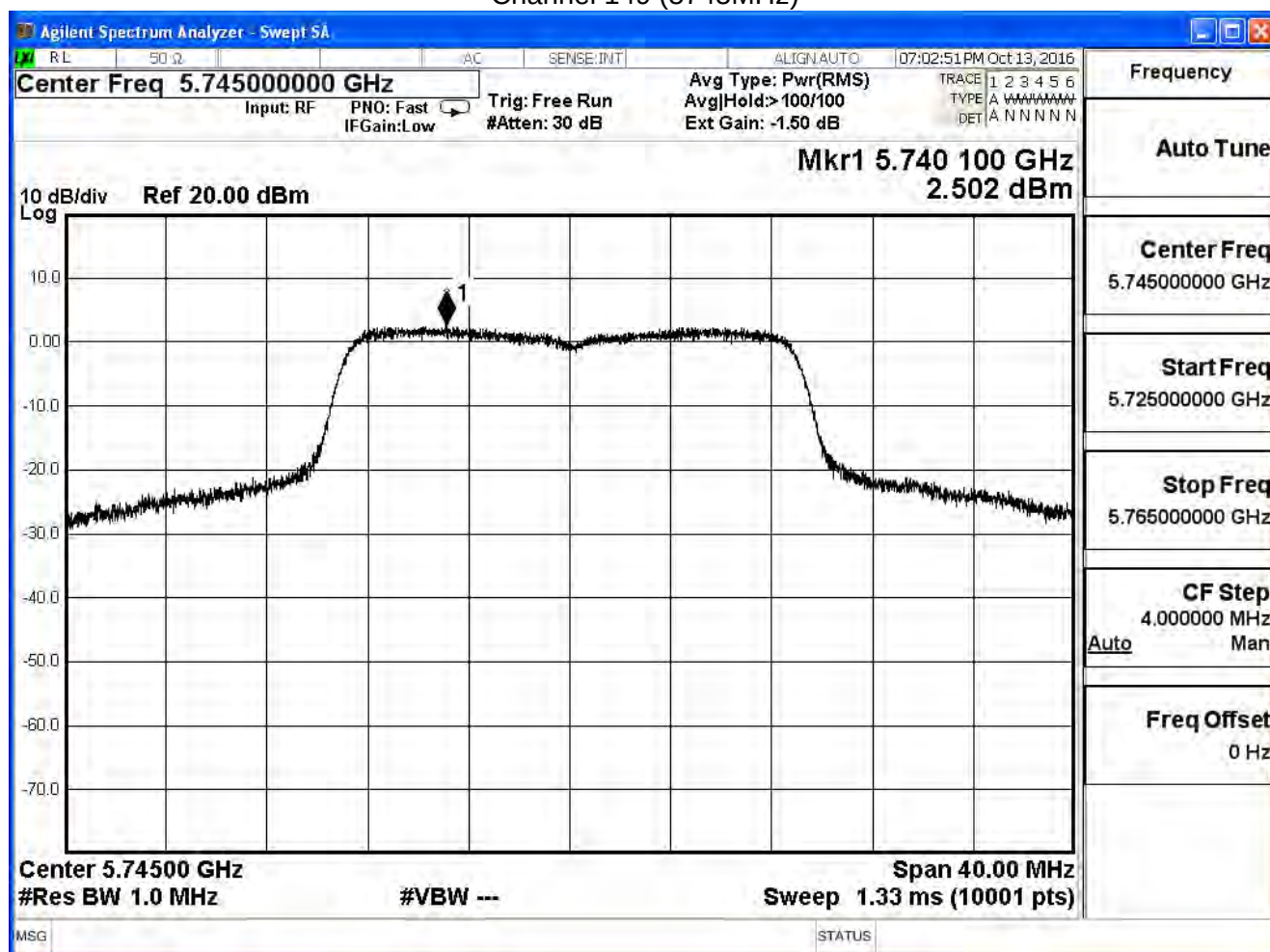
Channel 165 (5825MHz)



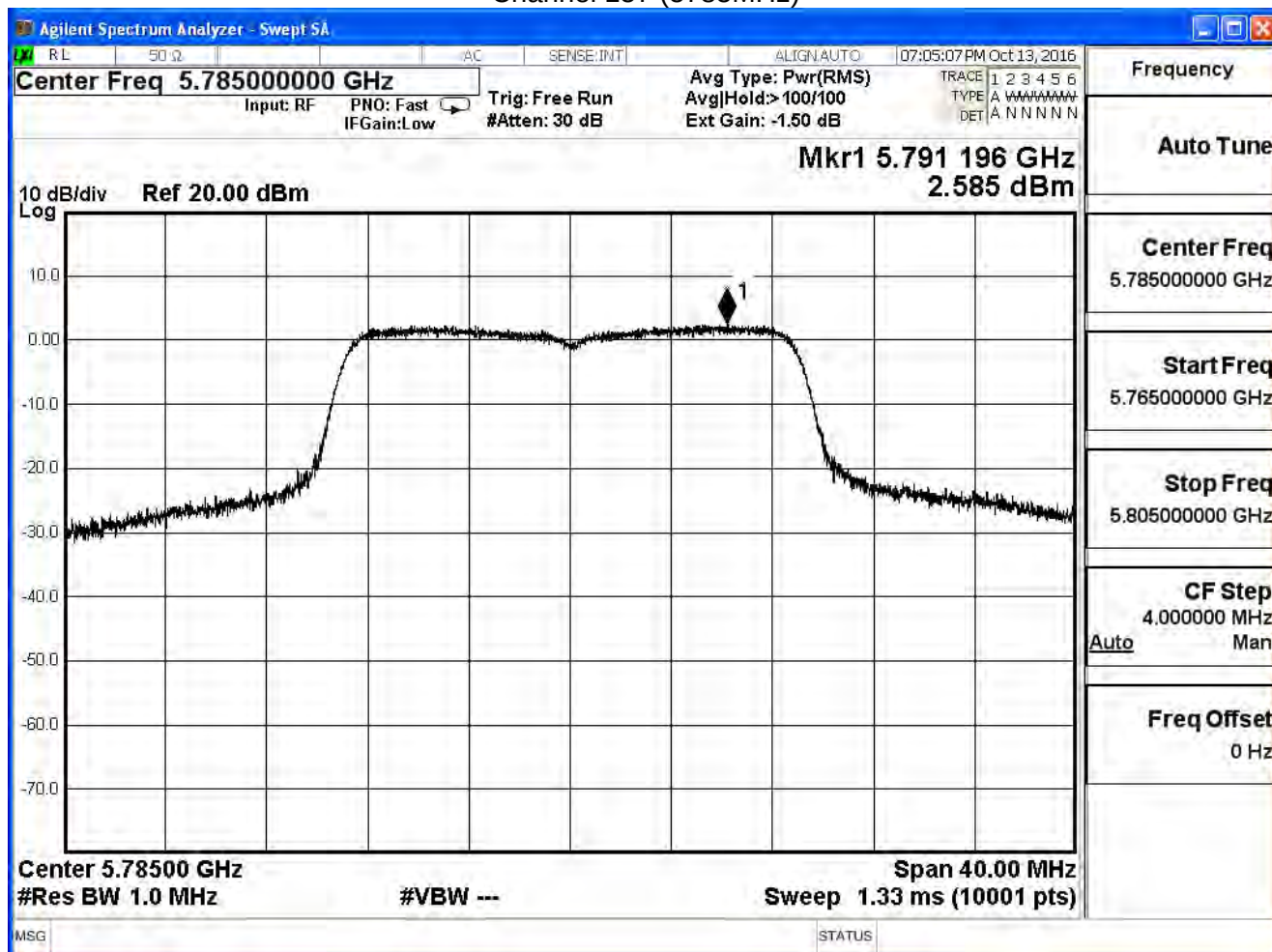
|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

| IEEE 802.11n(20MHz) (ANT 1) |                    |                      |                |        |
|-----------------------------|--------------------|----------------------|----------------|--------|
| Channel No.                 | Frequency<br>(MHz) | Measurement<br>(dBm) | Limit<br>(dBm) | Result |
| 149                         | 5745               | 2.502                | $\leq 30$      | Pass   |
| 157                         | 5785               | 2.585                | $\leq 30$      | Pass   |
| 165                         | 5825               | 2.774                | $\leq 30$      | Pass   |

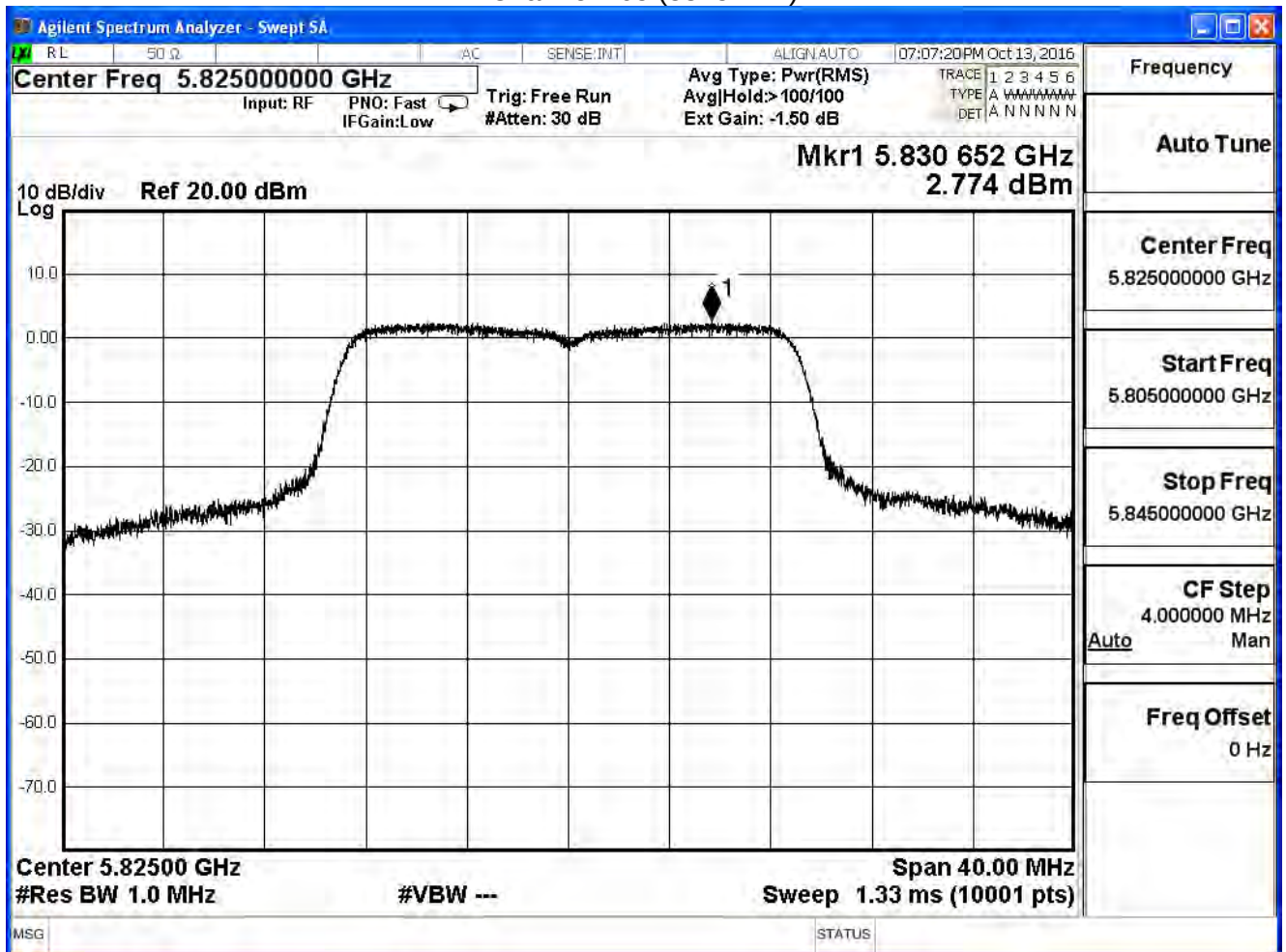
Channel 149 (5745MHz)



## Channel 157 (5785MHz)



Channel 165 (5825MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

| IEEE 802.11n(20MHz) (ANT 0+1) |                    |                        |                |        |
|-------------------------------|--------------------|------------------------|----------------|--------|
| Channel No.                   | Frequency<br>(MHz) | Measure Level<br>(dBm) | Limit<br>(dBm) | Result |
| 149                           | 5745               | 5.481                  | $\leq 30$      | Pass   |
| 157                           | 5785               | 5.541                  | $\leq 30$      | Pass   |
| 165                           | 5825               | 5.867                  | $\leq 30$      | Pass   |

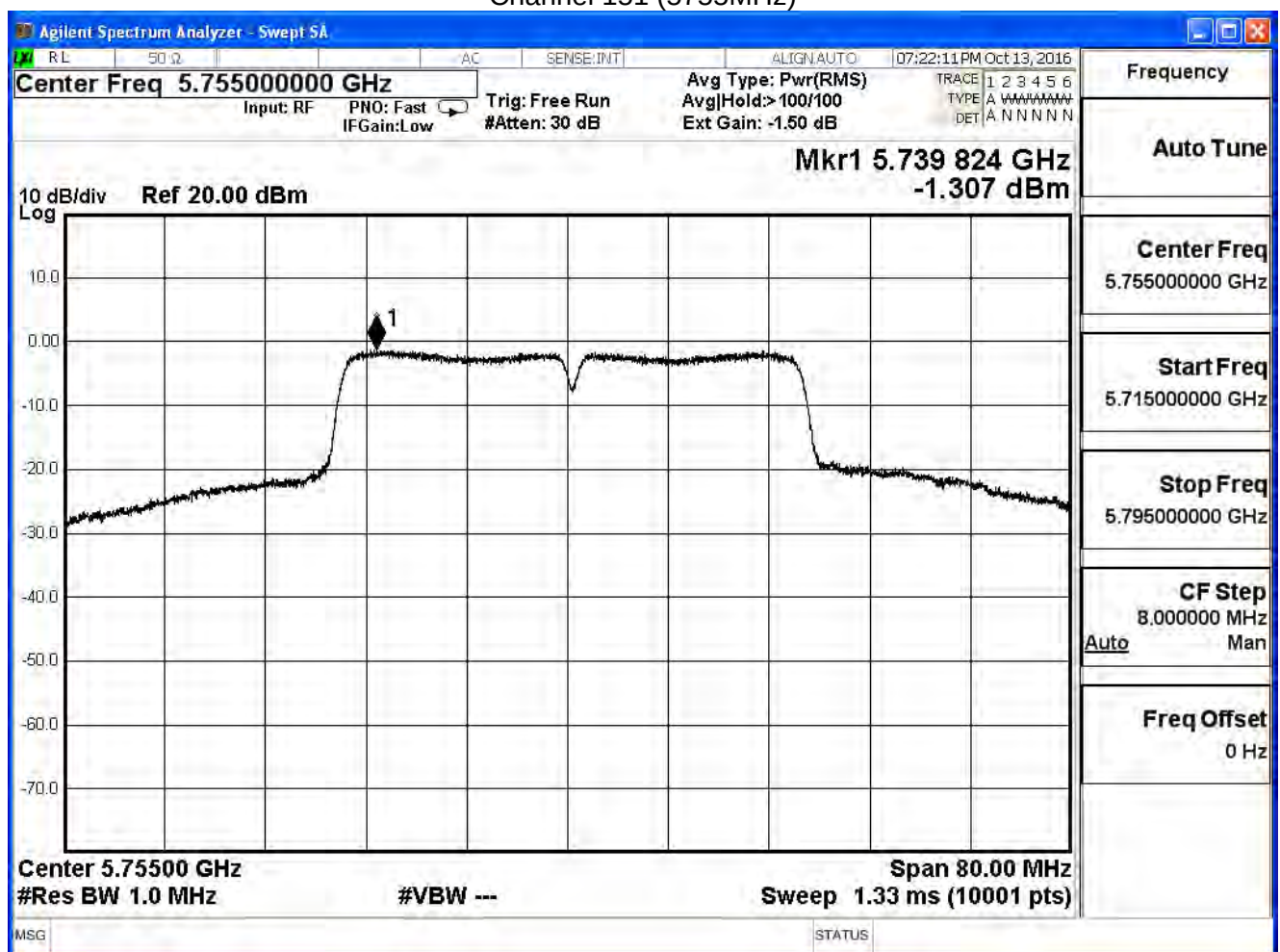


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

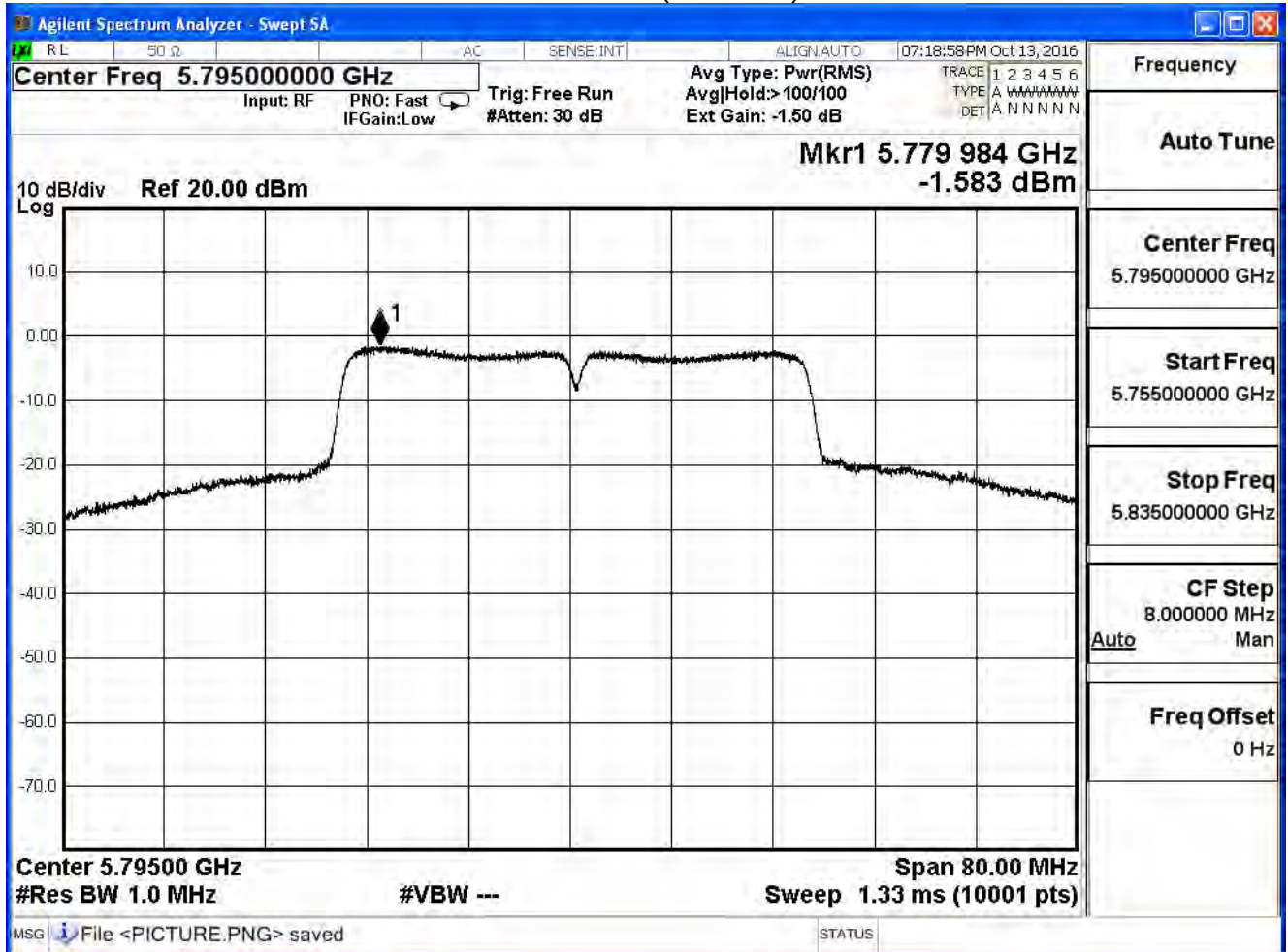
IEEE 802.11n(40MHz)(ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 151         | 5755            | -1.307              | $\leq 30$   | Pass   |
| 159         | 5795            | -1.583              | $\leq 30$   | Pass   |

Channel 151 (5755MHz)



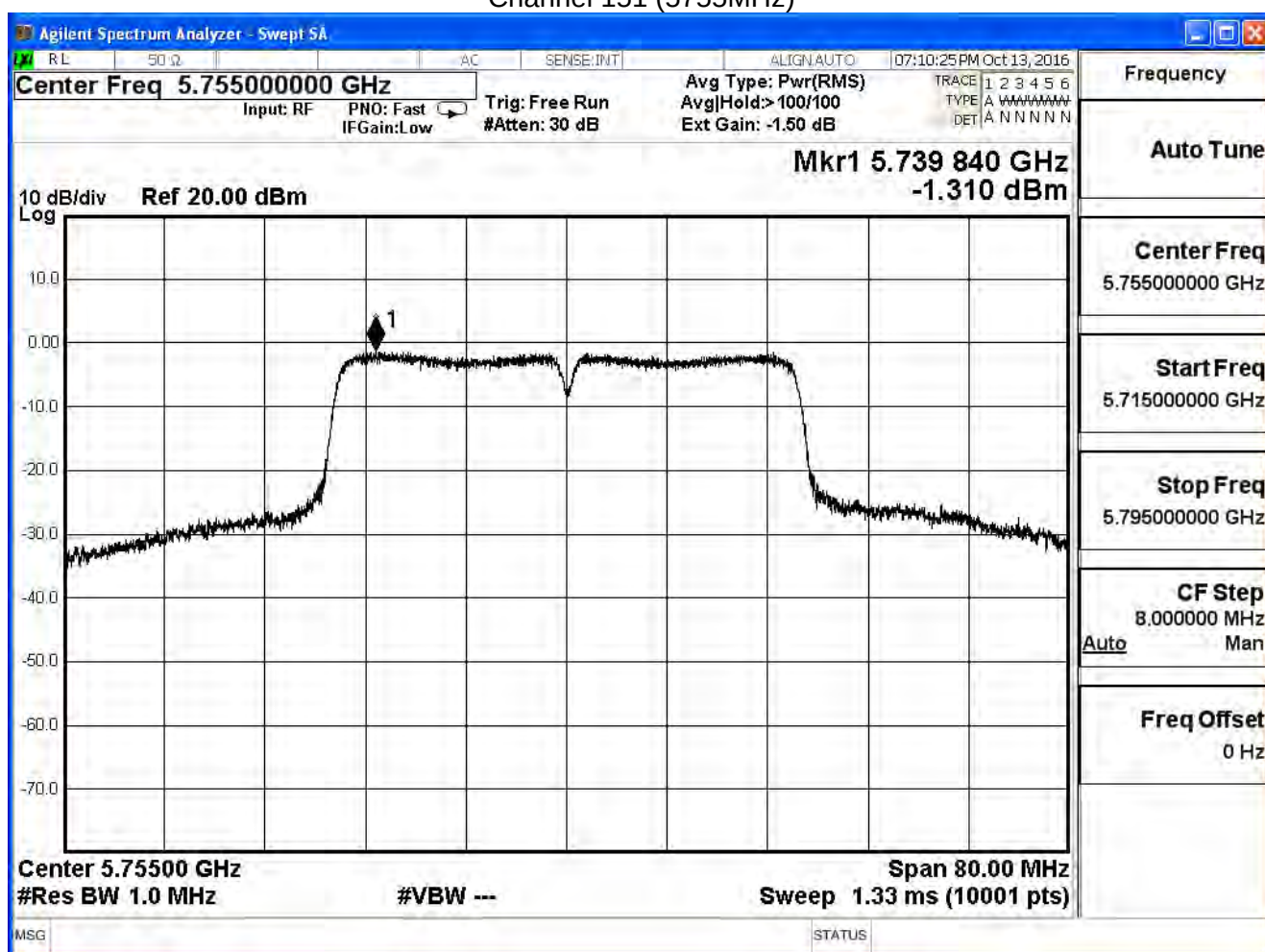
Channel 159 (5795MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

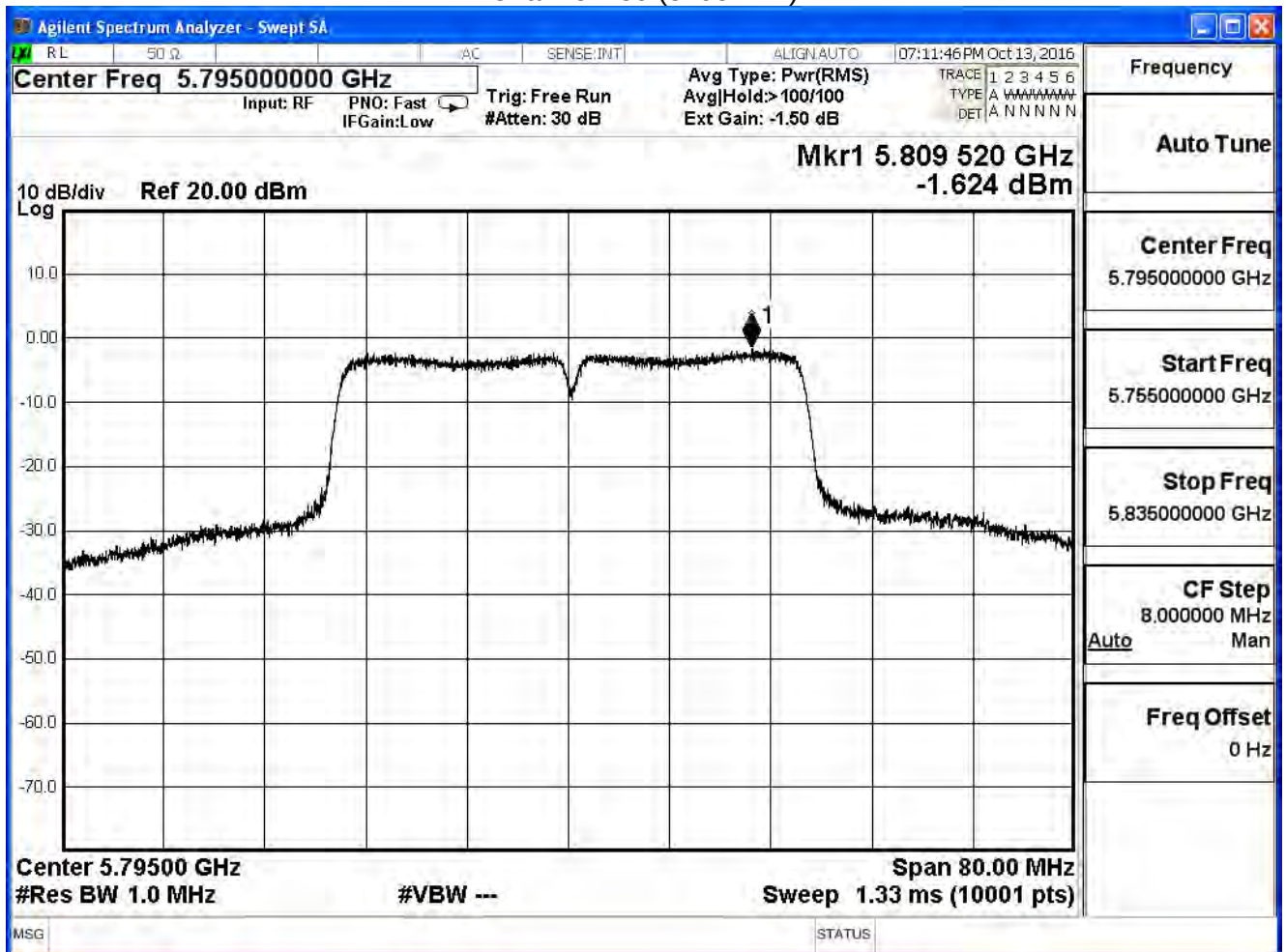
| IEEE 802.11n(40MHz) (ANT 1) |                 |                   |             |        |
|-----------------------------|-----------------|-------------------|-------------|--------|
| Channel No.                 | Frequency (MHz) | Measurement (dBm) | Limit (dBm) | Result |
| 151                         | 5755            | -1.310            | $\leq 30$   | Pass   |
| 159                         | 5795            | -1.624            | $\leq 30$   | Pass   |

Channel 151 (5755MHz)





Channel 159 (5795MHz)



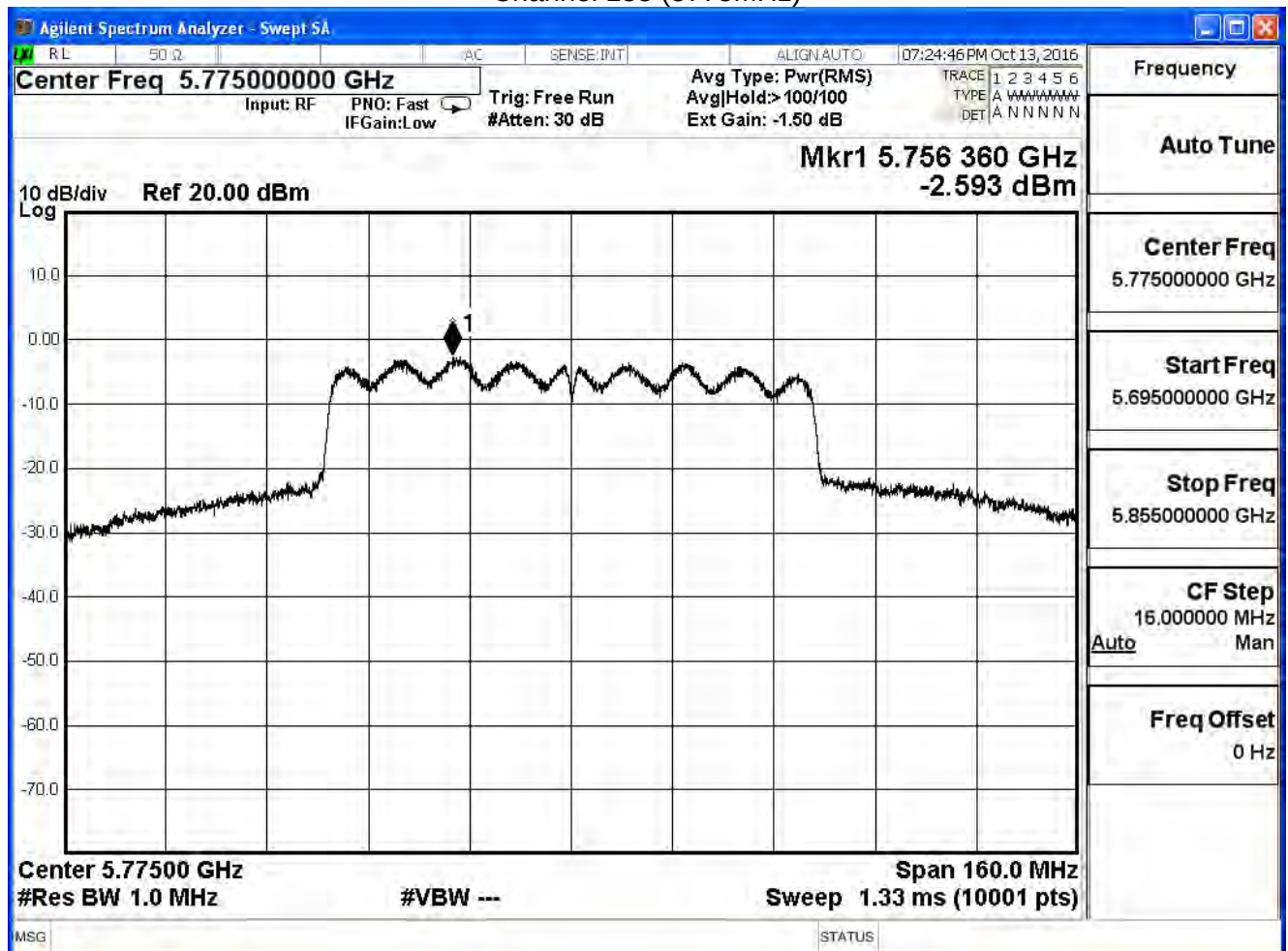
|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

| IEEE 802.11n(40MHz) (ANT 0+1) |                    |                        |                |        |
|-------------------------------|--------------------|------------------------|----------------|--------|
| Channel No.                   | Frequency<br>(MHz) | Measure Level<br>(dBm) | Limit<br>(dBm) | Result |
| 151                           | 5755               | 1.702                  | $\leq 30$      | Pass   |
| 159                           | 5795               | 1.407                  | $\leq 30$      | Pass   |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

|                             |                 |                     |             |        |
|-----------------------------|-----------------|---------------------|-------------|--------|
| IEEE 802.11ac(80MHz)(ANT 0) |                 |                     |             |        |
| Channel No.                 | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 155                         | 5775            | -2.593              | $\leq 30$   | Pass   |

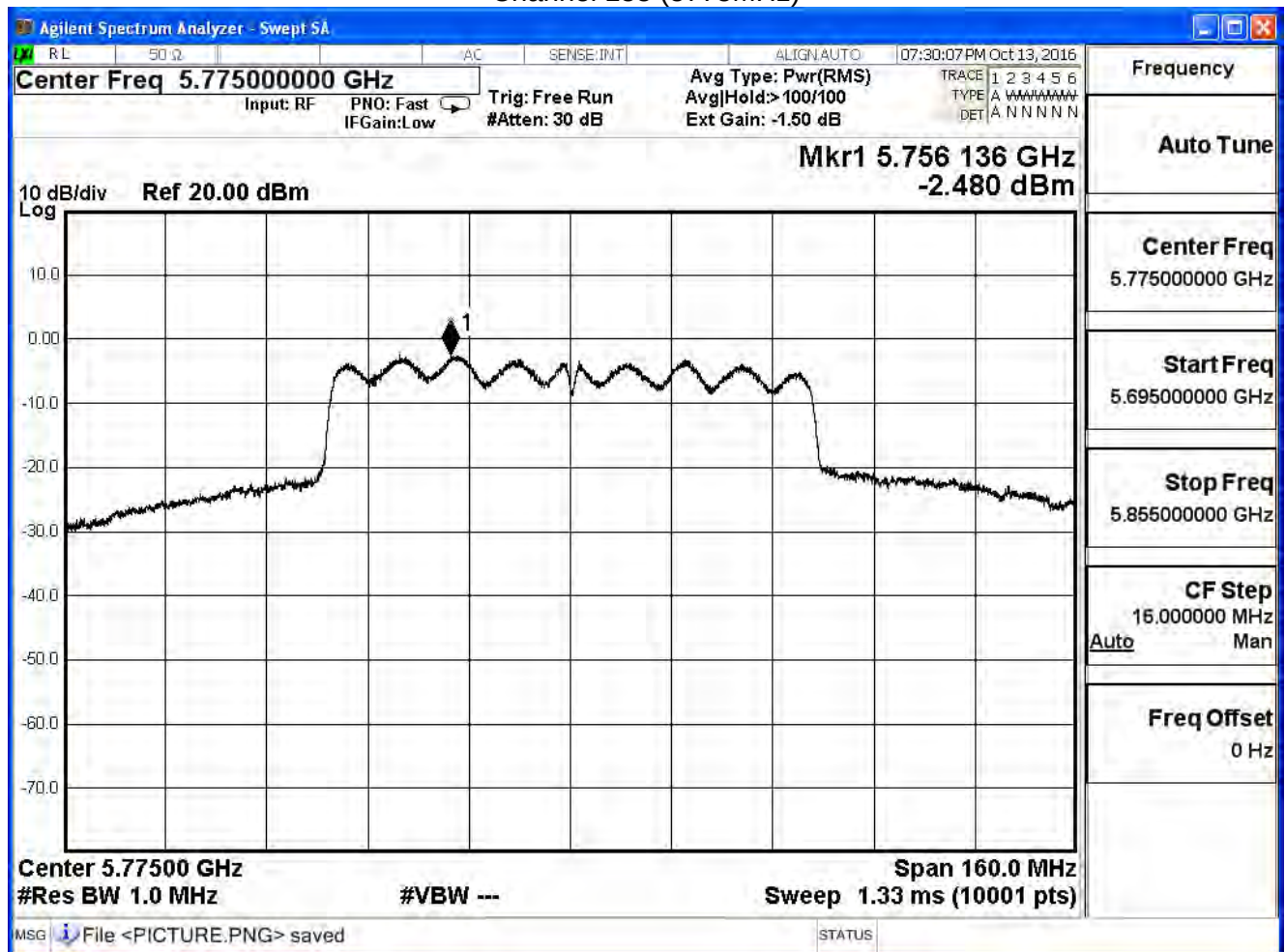
Channel 155 (5775MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

| IEEE 802.11ac(80MHz) (ANT 1) |                 |                   |             |        |
|------------------------------|-----------------|-------------------|-------------|--------|
| Channel No.                  | Frequency (MHz) | Measurement (dBm) | Limit (dBm) | Result |
| 155                          | 5775            | -2.480            | $\leq 30$   | Pass   |

Channel 155 (5775MHz)



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Peak Power Spectral Density           |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

|                               |                    |                        |                |        |
|-------------------------------|--------------------|------------------------|----------------|--------|
| IEEE 802.11ac(80MHz)(ANT 0+1) |                    |                        |                |        |
| Channel No.                   | Frequency<br>(MHz) | Measure Level<br>(dBm) | Limit<br>(dBm) | Result |
| 155                           | 5775               | 0.474                  | $\leq 30$      | Pass   |

## 6. Radiated Emission

### 6.1. Test Equipment

The following test equipments are used during the radiated emission test:

#### Radiated Emission / CB1

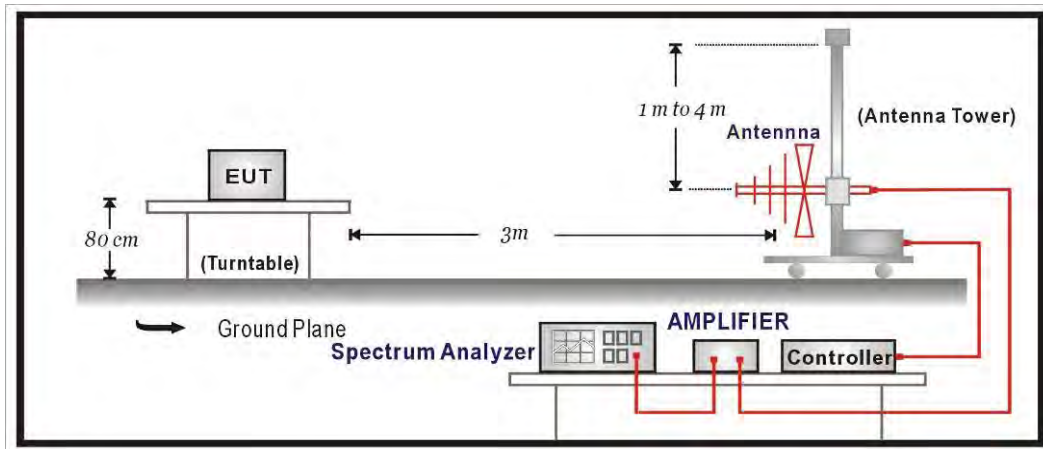
| Instrument                       | Manufacturer | Model No.  | Serial No   | Next Cal. Date |
|----------------------------------|--------------|------------|-------------|----------------|
| Bilog Antenna                    | Schaffner    | CBL6112B   | 2895        | 2017/08/14     |
| Double Ridged Guide Horn Antenna | Schwarzbeck  | BBHA 9120  | D743        | 2017/01/14     |
| Pre-Amplifier                    | EMCI         | EMC0031835 | 980233      | 2017/01/26     |
| Pre-Amplifier                    | QuieTek      | AP-025C    | CHM-0706049 | 2017/01/03     |
| Spectrum Analyzer                | Agilent      | E4440A     | MY46187335  | 2016/12/24     |
| k Type Cable                     | Huber+Suhner | SF 102     | 25623/2     | 2017/01/11     |
| Horn Antenna                     | Schwarzbeck  | BBHA 9170  | 203         | 2017/08/28     |
| Signal & Spectrum Analyzer       | R&S          | FSV40      | 101049      | 2017/01/05     |

Note: All equipments that need to calibrate are with calibration period of 1 year.

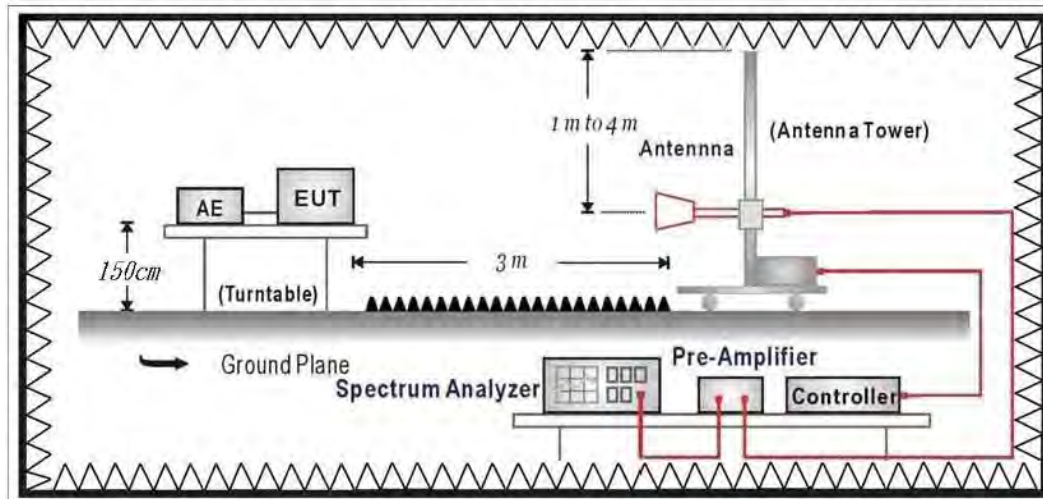


## 6.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



### 6.3. Limits

#### ➤ General Radiated Emission Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section. Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

| <b>FCC Part 15 Subpart C Paragraph 15.209 Limits</b> |          |           |
|------------------------------------------------------|----------|-----------|
| Frequency<br>MHz                                     | uV/m @3m | dBuV/m@3m |
| 30 - 88                                              | 100      | 40        |
| 88 - 216                                             | 150      | 43.5      |
| 216 - 960                                            | 200      | 46        |
| Above 960                                            | 500      | 54        |

Remark:

1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

#### ➤ Unwanted Emission out of the restricted bands Limits

| <b>FCC Part 15 Subpart E Paragraph 15.407(b) Limits</b> |                     |                                          |
|---------------------------------------------------------|---------------------|------------------------------------------|
| Frequency<br>(MHz)                                      | EIRP Limit<br>(dBm) | Equivalent Field Strength<br>(dBuV/m@3m) |
| 5150~5250                                               | -27                 | 68.3                                     |
| 5250~5350                                               | -27                 | 68.3                                     |
| 5470~5725                                               | -27                 | 68.3                                     |
| 5725~5850                                               | -27 (Note1)         | 68.3                                     |
|                                                         | -17 (Note2)         | 78.3                                     |

Remark:

1. For frequencies more than 10 MHz above or below the band edges.
2. For frequency range from the band edges to 10 MHz above or below the band edges.
3. 
$$uV/m = \frac{1000000 \sqrt{30 \times EIRP}}{3}$$
, RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)



#### **6.4. Test Procedure**

The EUT and its simulators are placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

The additional latch filter below 1GHz was used to measure the level of harmonics radiated emission during field strength of harmonics measurement.

The bandwidth below 1GHz setting on the field strength meter is 120 KHz, above 1GHz are 1 MHz.

The frequency range from 30MHz to 10th harmonics is checked.

#### **6.5. Uncertainty**

The measurement uncertainty

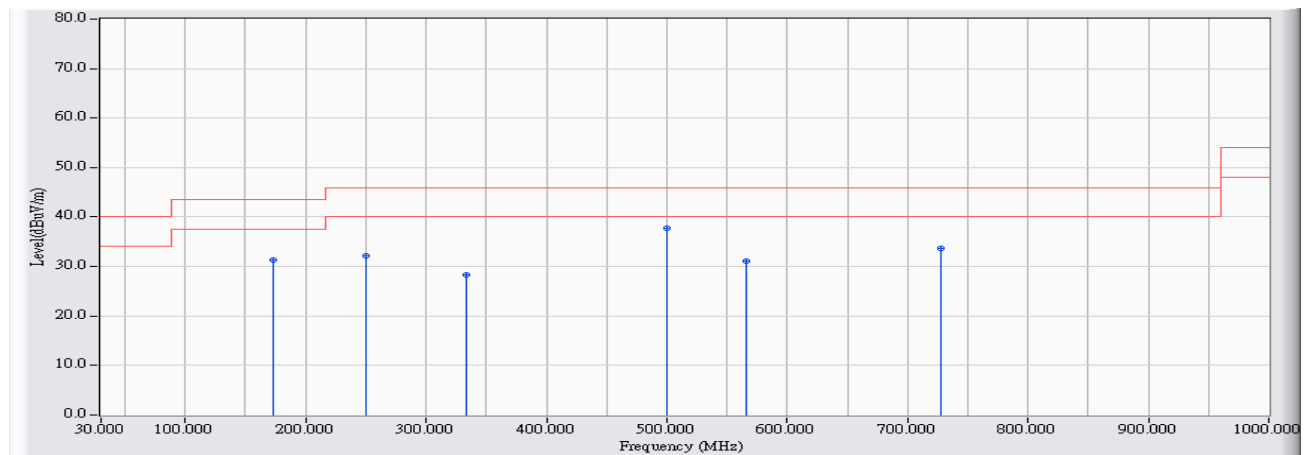
30MHz~1GHz as  $\pm 3.43\text{dB}$

1GHz~26.5Ghz as  $\pm 3.65\text{dB}$

## 6.6. Test Result

### 30MHz-1GHz Spurious

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/09/21 - 16:32                            |
| Limit : FCC_CLASS_B_03M_QP                  | Margin : 6                                           |
| Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL  | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5220MHz |

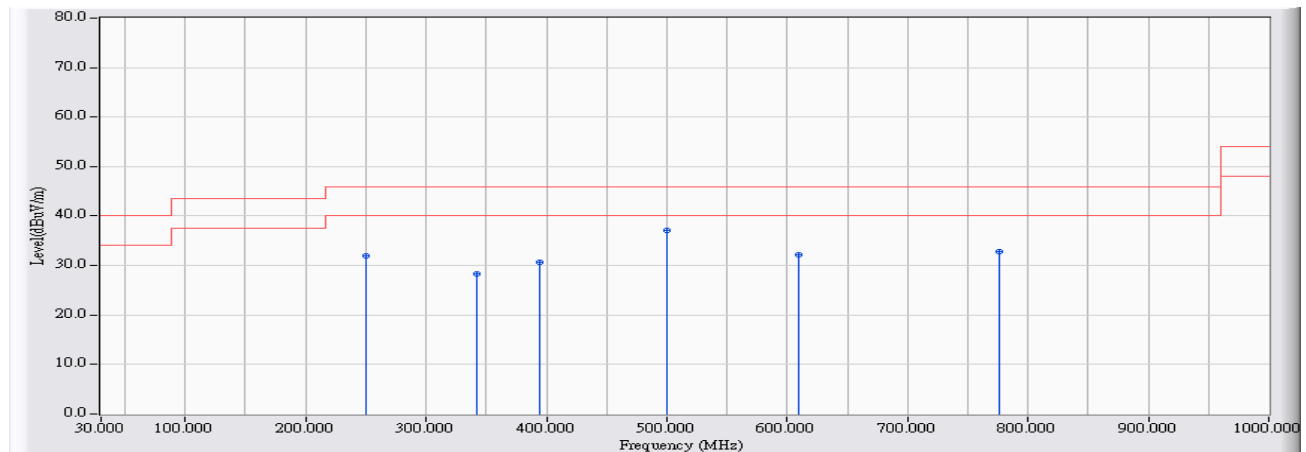


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 172.770            | 15.606                 | 15.606                  | 31.213                    | -12.287        | 43.500            | QUASIPeAK     |
| 2 | 249.974            | 12.322                 | 19.934                  | 32.257                    | -13.743        | 46.000            | QUASIPeAK     |
| 3 | 332.998            | 14.432                 | 13.919                  | 28.351                    | -17.649        | 46.000            | QUASIPeAK     |
| 4 | * 500.015          | 17.755                 | 20.004                  | 37.759                    | -8.241         | 46.000            | QUASIPeAK     |
| 5 | 566.356            | 19.048                 | 12.144                  | 31.191                    | -14.809        | 46.000            | QUASIPeAK     |
| 6 | 727.651            | 21.412                 | 12.334                  | 33.745                    | -12.255        | 46.000            | QUASIPeAK     |

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/09/21 - 16:33                            |
| Limit : FCC_CLASS_B_03M_QP                  | Margin : 6                                           |
| Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL    | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5220MHz |

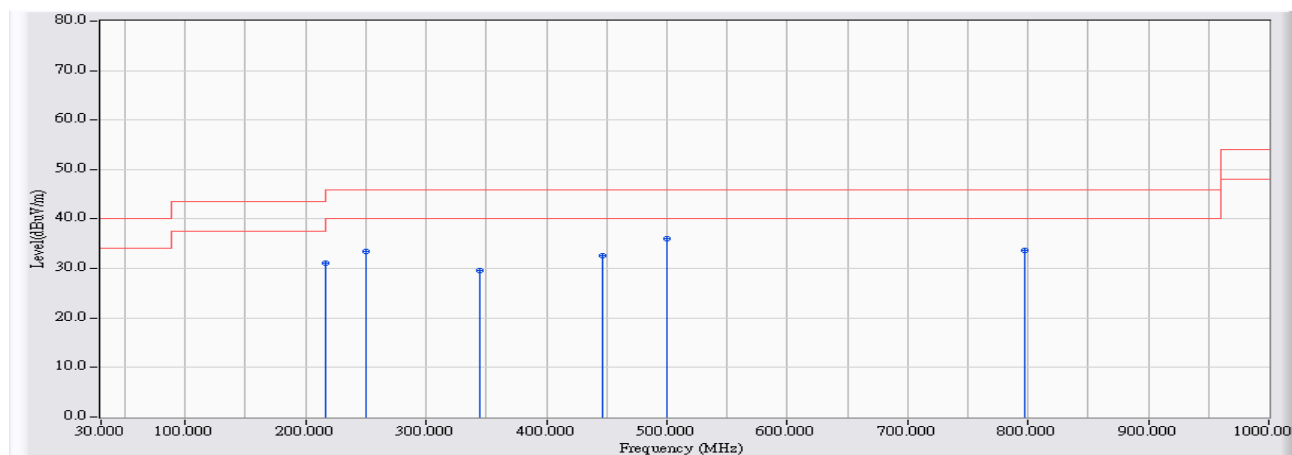


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 249.974            | 12.322                 | 19.661                  | 31.984                    | -14.016        | 46.000            | QUASIPeAK     |
| 2 | 341.727            | 14.630                 | 13.603                  | 28.233                    | -17.767        | 46.000            | QUASIPeAK     |
| 3 | 394.102            | 15.830                 | 14.745                  | 30.574                    | -15.426        | 46.000            | QUASIPeAK     |
| 4 | * 500.015          | 17.755                 | 19.339                  | 37.094                    | -8.906         | 46.000            | QUASIPeAK     |
| 5 | 609.517            | 19.833                 | 12.270                  | 32.103                    | -13.897        | 46.000            | QUASIPeAK     |
| 6 | 775.758            | 22.018                 | 10.899                  | 32.917                    | -13.083        | 46.000            | QUASIPeAK     |

**Note:**

1. All Reading Levels are Quasi-Peak value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/09/21 - 16:58                                |
| Limit : FCC_CLASS_B_03M_QP                  | Margin : 6                                               |
| Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL  | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5220MHz |

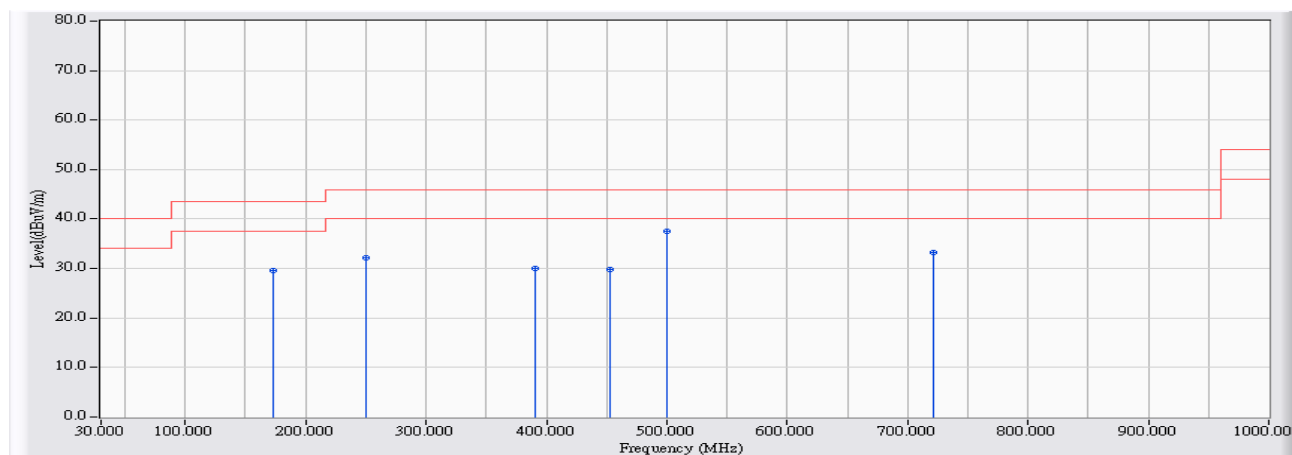


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 216.124            | 12.298                 | 18.773                  | 31.071                    | -14.929        | 46.000            | QUASIPeAK     |
| 2 |   | 249.974            | 12.322                 | 21.091                  | 33.414                    | -12.586        | 46.000            | QUASIPeAK     |
| 3 |   | 344.443            | 14.692                 | 14.944                  | 29.636                    | -16.364        | 46.000            | QUASIPeAK     |
| 4 |   | 446.088            | 17.061                 | 15.639                  | 32.700                    | -13.300        | 46.000            | QUASIPeAK     |
| 5 | * | 500.015            | 17.755                 | 18.279                  | 36.034                    | -9.966         | 46.000            | QUASIPeAK     |
| 6 |   | 797.872            | 22.297                 | 11.290                  | 33.587                    | -12.413        | 46.000            | QUASIPeAK     |

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/09/21 - 16:59                                |
| Limit : FCC_CLASS_B_03M_QP                  | Margin : 6                                               |
| Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL    | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5220MHz |

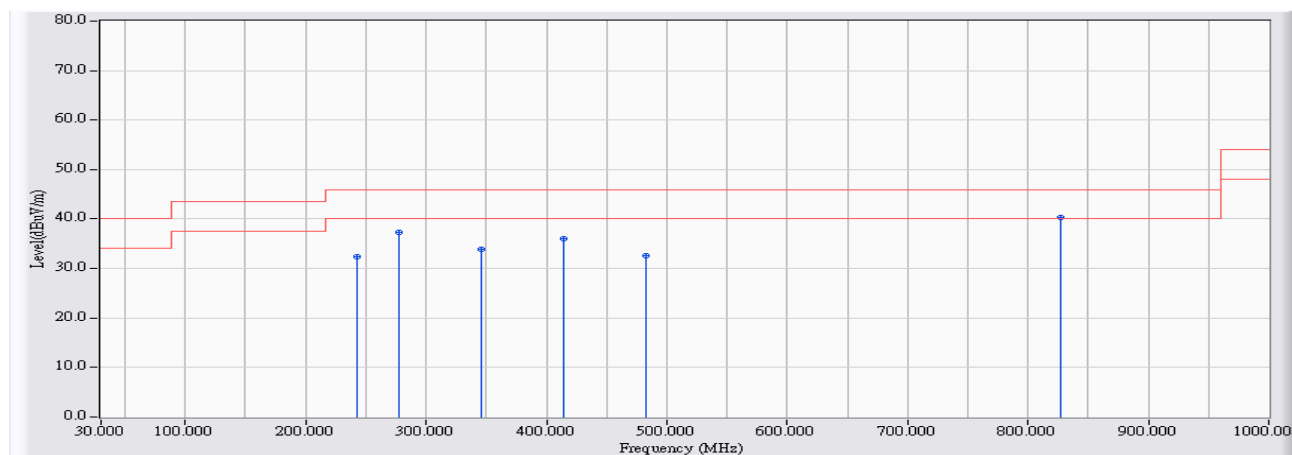


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 172.770            | 15.606                 | 13.937                  | 29.544                    | -13.956        | 43.500            | QUASIPeAK     |
| 2 |   | 249.974            | 12.322                 | 19.887                  | 32.210                    | -13.790        | 46.000            | QUASIPeAK     |
| 3 |   | 390.513            | 15.747                 | 14.278                  | 30.025                    | -15.975        | 46.000            | QUASIPeAK     |
| 4 |   | 453.169            | 17.191                 | 12.653                  | 29.845                    | -16.155        | 46.000            | QUASIPeAK     |
| 5 | * | 500.015            | 17.755                 | 19.853                  | 37.608                    | -8.392         | 46.000            | QUASIPeAK     |
| 6 |   | 721.250            | 21.331                 | 11.936                  | 33.266                    | -12.734        | 46.000            | QUASIPeAK     |

Note:

1. All Reading Levels are Quasi-Peak value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/09/22 - 11:36                                |
| Limit : FCC_CLASS_B_03M_QP                  | Margin : 6                                               |
| Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL  | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5190MHz |

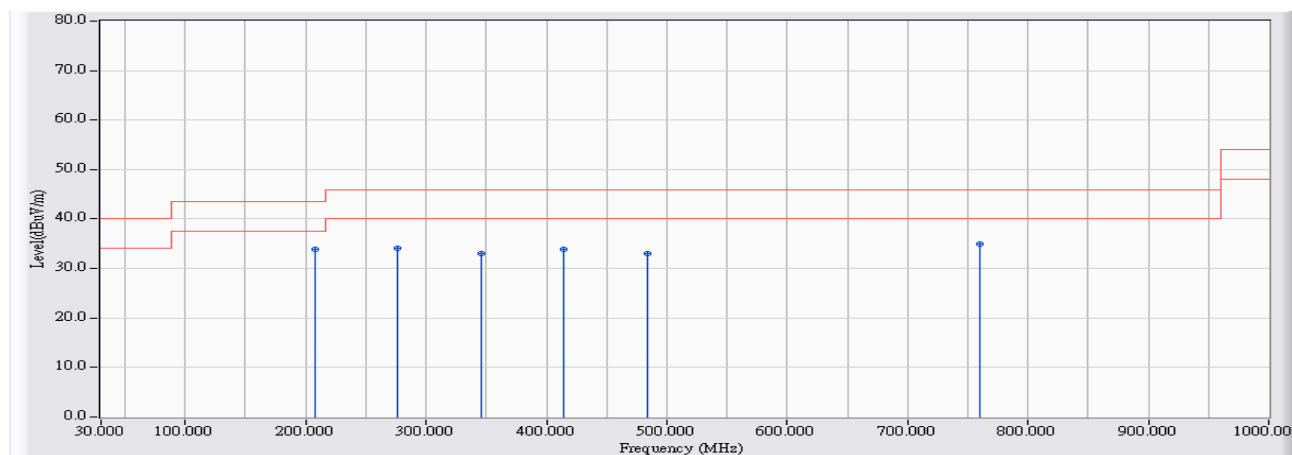


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 242.312            | 12.096                 | 20.354                  | 32.450                    | -13.550        | 46.000            | QUASIPeAK     |
| 2 |   | 277.034            | 13.140                 | 24.131                  | 37.271                    | -8.729         | 46.000            | QUASIPeAK     |
| 3 |   | 345.509            | 14.716                 | 19.276                  | 33.992                    | -12.008        | 46.000            | QUASIPeAK     |
| 4 |   | 413.985            | 16.297                 | 19.780                  | 36.077                    | -9.923         | 46.000            | QUASIPeAK     |
| 5 |   | 483.139            | 17.551                 | 15.013                  | 32.564                    | -13.436        | 46.000            | QUASIPeAK     |
| 6 | * | 827.648            | 22.636                 | 17.638                  | 40.274                    | -5.726         | 46.000            | QUASIPeAK     |

Note:

1. All Reading Levels are Quasi-Peak value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/09/22 - 11:38                                |
| Limit : FCC_CLASS_B_03M_QP                  | Margin : 6                                               |
| Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL    | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5190MHz |

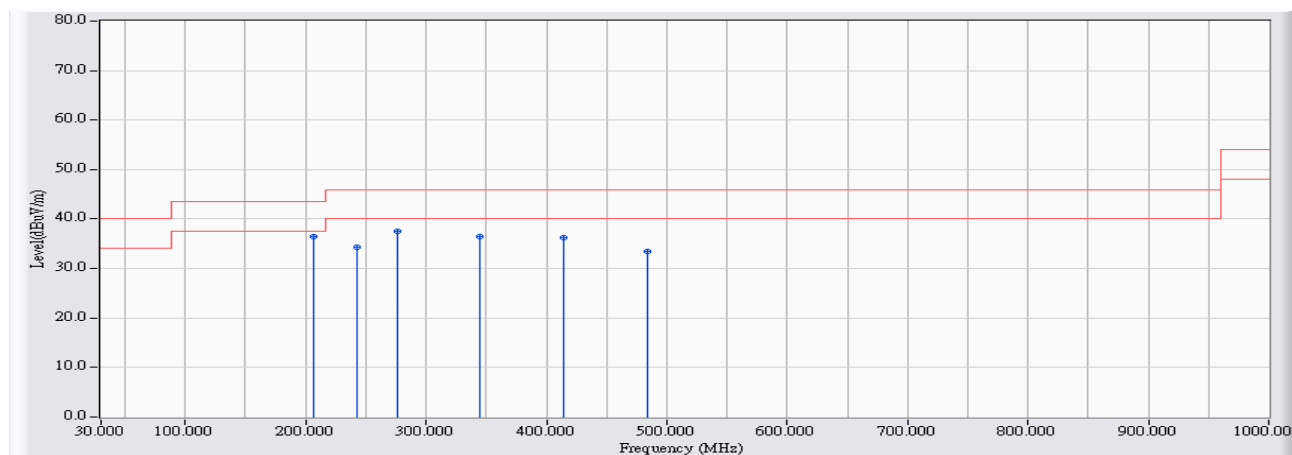


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 207.686            | 12.412                 | 21.504                  | 33.916                    | -9.584         | 43.500            | QUASIPeAK     |
| 2 |   | 276.161            | 13.114                 | 20.900                  | 34.013                    | -11.987        | 46.000            | QUASIPeAK     |
| 3 |   | 345.509            | 14.716                 | 18.365                  | 33.081                    | -12.919        | 46.000            | QUASIPeAK     |
| 4 |   | 413.888            | 16.295                 | 17.697                  | 33.992                    | -12.008        | 46.000            | QUASIPeAK     |
| 5 |   | 484.497            | 17.567                 | 15.483                  | 33.050                    | -12.950        | 46.000            | QUASIPeAK     |
| 6 |   | 760.143            | 21.821                 | 13.206                  | 35.027                    | -10.973        | 46.000            | QUASIPeAK     |

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/09/22 - 11:41                                 |
| Limit : FCC_CLASS_B_03M_QP                  | Margin : 6                                                |
| Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL  | Power : DC 5V (Power by Notebook PC)                      |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5210MHz |



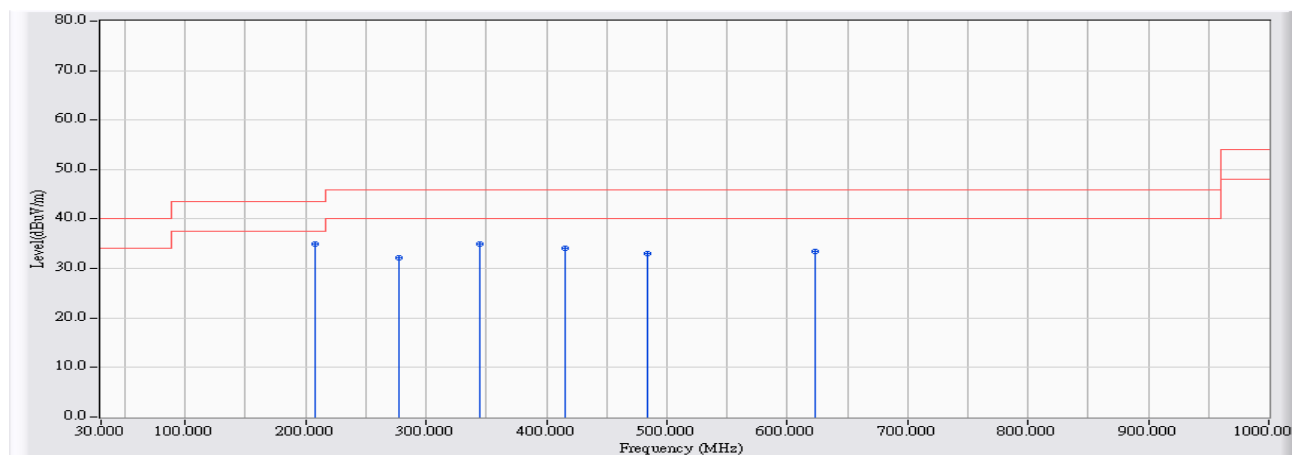
|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 207.104            | 12.419                 | 24.127                  | 36.547                    | -6.953         | 43.500            | QUASIPeAK     |
| 2 |   | 242.409            | 12.099                 | 22.114                  | 34.213                    | -11.787        | 46.000            | QUASIPeAK     |
| 3 |   | 276.840            | 13.134                 | 24.456                  | 37.590                    | -8.410         | 46.000            | QUASIPeAK     |
| 4 |   | 344.928            | 14.703                 | 21.699                  | 36.402                    | -9.598         | 46.000            | QUASIPeAK     |
| 5 |   | 413.985            | 16.297                 | 19.917                  | 36.214                    | -9.786         | 46.000            | QUASIPeAK     |
| 6 |   | 483.915            | 17.560                 | 15.998                  | 33.558                    | -12.442        | 46.000            | QUASIPeAK     |

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.



|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/09/22 - 11:42                                 |
| Limit : FCC_CLASS_B_03M_QP                  | Margin : 6                                                |
| Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL    | Power : DC 5V (Power by Notebook PC)                      |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5210MHz |

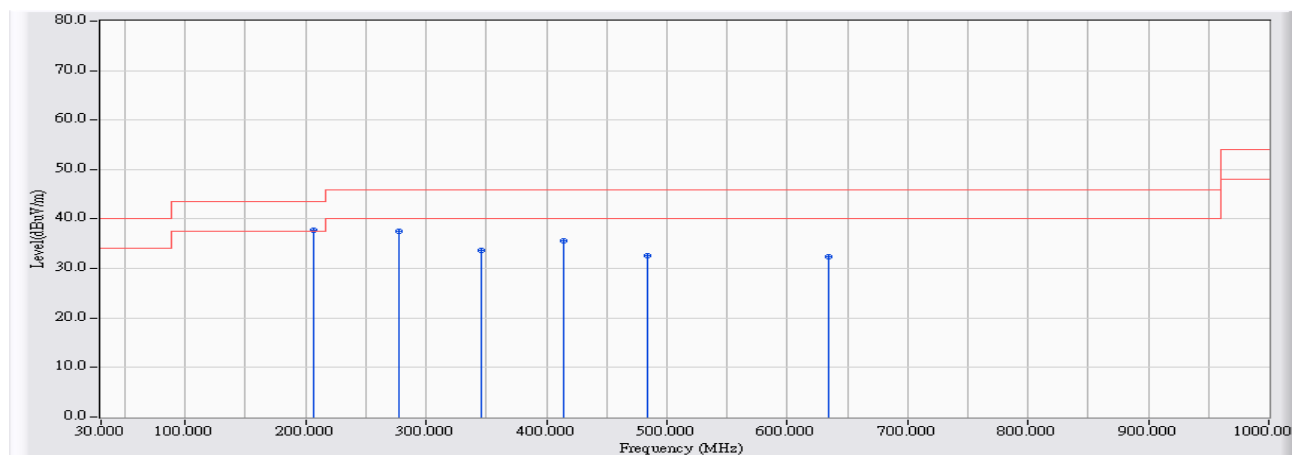


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 207.783            | 12.410                 | 22.544                  | 34.955                    | -8.545         | 43.500            | QUASIPeAK     |
| 2 |   | 276.937            | 13.137                 | 19.066                  | 32.203                    | -13.797        | 46.000            | QUASIPeAK     |
| 3 |   | 344.928            | 14.703                 | 20.303                  | 35.006                    | -10.994        | 46.000            | QUASIPeAK     |
| 4 |   | 415.536            | 16.334                 | 17.785                  | 34.119                    | -11.881        | 46.000            | QUASIPeAK     |
| 5 |   | 483.721            | 17.558                 | 15.554                  | 33.112                    | -12.888        | 46.000            | QUASIPeAK     |
| 6 |   | 623.387            | 20.022                 | 13.520                  | 33.541                    | -12.459        | 46.000            | QUASIPeAK     |

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/09/22 - 11:45                            |
| Limit : FCC_CLASS_B_03M_QP                  | Margin : 6                                           |
| Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL  | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5785MHz |

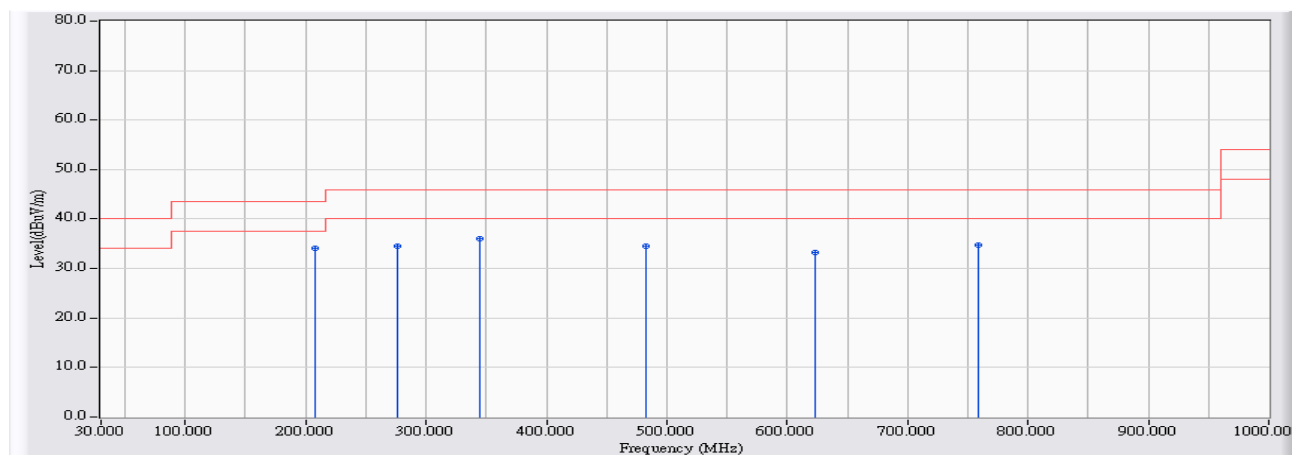


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 207.201            | 12.418                 | 25.415                  | 37.833                    | -5.667         | 43.500            | QUASIPeAK     |
| 2 |   | 276.937            | 13.137                 | 24.382                  | 37.519                    | -8.481         | 46.000            | QUASIPeAK     |
| 3 |   | 345.703            | 14.721                 | 18.894                  | 33.615                    | -12.385        | 46.000            | QUASIPeAK     |
| 4 |   | 413.888            | 16.295                 | 19.295                  | 35.590                    | -10.410        | 46.000            | QUASIPeAK     |
| 5 |   | 483.624            | 17.556                 | 15.145                  | 32.702                    | -13.298        | 46.000            | QUASIPeAK     |
| 6 |   | 633.959            | 20.165                 | 12.265                  | 32.430                    | -13.570        | 46.000            | QUASIPeAK     |

Note:

1. All Reading Levels are Quasi-Peak value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/09/22 - 11:47                            |
| Limit : FCC_CLASS_B_03M_QP                  | Margin : 6                                           |
| Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL    | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5785MHz |

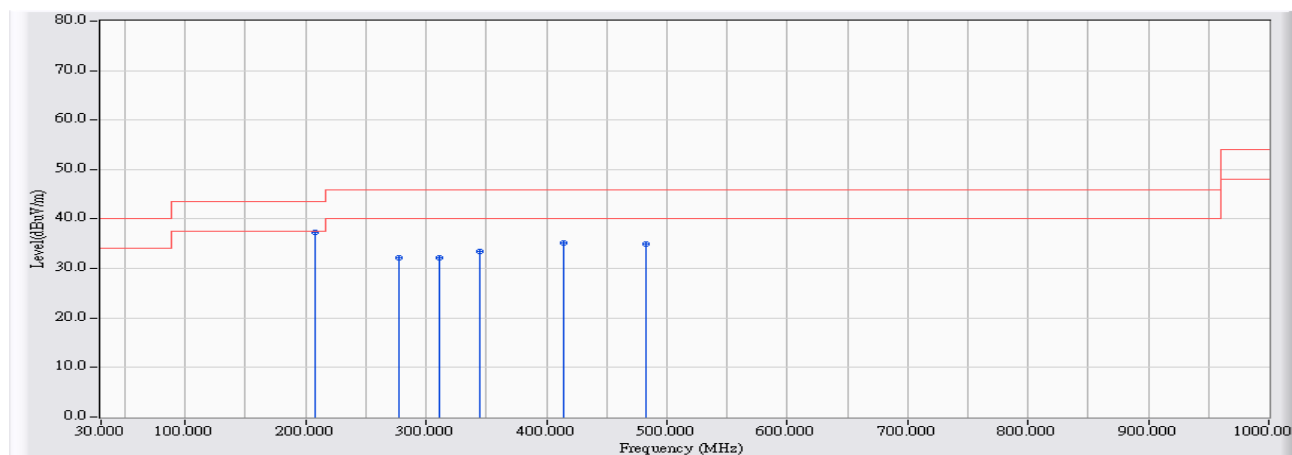


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 207.783            | 12.410                 | 21.793                  | 34.204                    | -9.296         | 43.500            | QUASIPeAK     |
| 2 |   | 276.646            | 13.128                 | 21.491                  | 34.619                    | -11.381        | 46.000            | QUASIPeAK     |
| 3 |   | 345.024            | 14.706                 | 21.382                  | 36.087                    | -9.913         | 46.000            | QUASIPeAK     |
| 4 |   | 482.751            | 17.546                 | 17.010                  | 34.556                    | -11.444        | 46.000            | QUASIPeAK     |
| 5 |   | 622.708            | 20.012                 | 13.275                  | 33.287                    | -12.713        | 46.000            | QUASIPeAK     |
| 6 |   | 759.173            | 21.809                 | 12.984                  | 34.793                    | -11.207        | 46.000            | QUASIPeAK     |

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/09/22 - 13:17                                |
| Limit : FCC_CLASS_B_03M_QP                  | Margin : 6                                               |
| Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL  | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5785MHz |

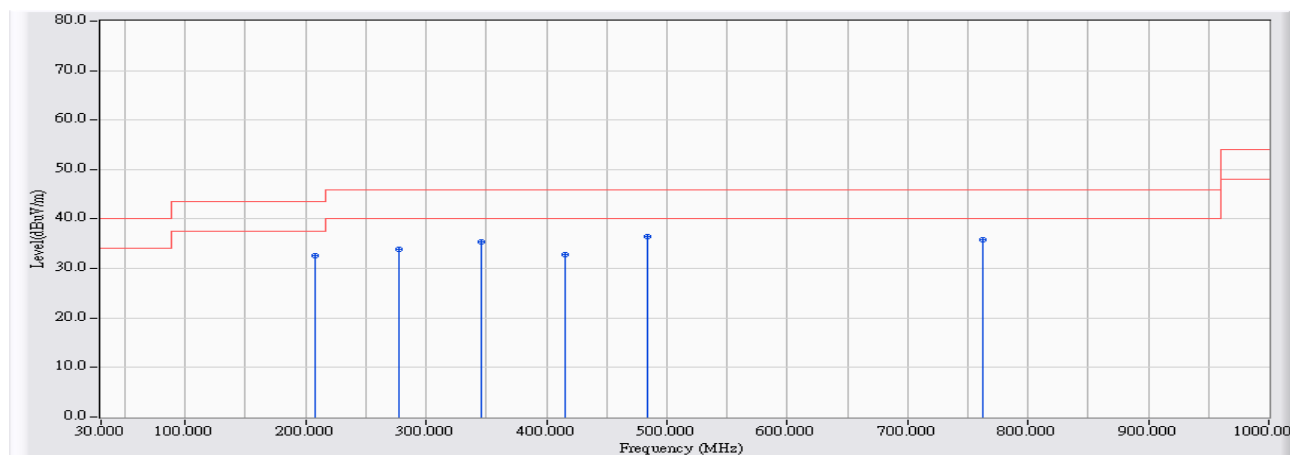


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 207.395            | 12.416                 | 25.000                  | 37.416                    | -6.084         | 43.500            | QUASIPeAK     |
| 2 |   | 276.937            | 13.137                 | 19.060                  | 32.197                    | -13.803        | 46.000            | QUASIPeAK     |
| 3 |   | 310.496            | 13.921                 | 18.277                  | 32.198                    | -13.802        | 46.000            | QUASIPeAK     |
| 4 |   | 344.928            | 14.703                 | 18.817                  | 33.520                    | -12.480        | 46.000            | QUASIPeAK     |
| 5 |   | 413.888            | 16.295                 | 18.834                  | 35.129                    | -10.871        | 46.000            | QUASIPeAK     |
| 6 |   | 483.042            | 17.550                 | 17.465                  | 35.015                    | -10.985        | 46.000            | QUASIPeAK     |

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/09/22 - 13:20                                |
| Limit : FCC_CLASS_B_03M_QP                  | Margin : 6                                               |
| Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL    | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5785MHz |

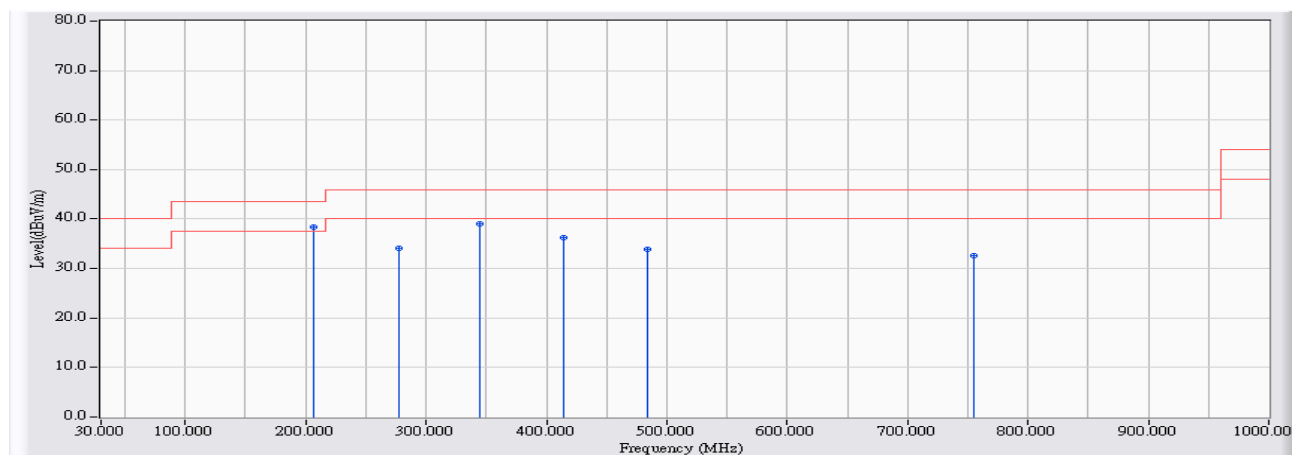


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 207.589            | 12.413                 | 20.082                  | 32.495                    | -11.005        | 43.500            | QUASIPeAK     |
| 2 |   | 276.937            | 13.137                 | 20.837                  | 33.974                    | -12.026        | 46.000            | QUASIPeAK     |
| 3 |   | 345.315            | 14.712                 | 20.767                  | 35.479                    | -10.521        | 46.000            | QUASIPeAK     |
| 4 |   | 415.536            | 16.334                 | 16.510                  | 32.844                    | -13.156        | 46.000            | QUASIPeAK     |
| 5 | * | 484.206            | 17.563                 | 18.796                  | 36.360                    | -9.640         | 46.000            | QUASIPeAK     |
| 6 |   | 761.889            | 21.843                 | 13.913                  | 35.756                    | -10.244        | 46.000            | QUASIPeAK     |

Note:

1. All Reading Levels are Quasi-Peak value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/09/22 - 13:25                                |
| Limit : FCC_CLASS_B_03M_QP                  | Margin : 6                                               |
| Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL  | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5755MHz |

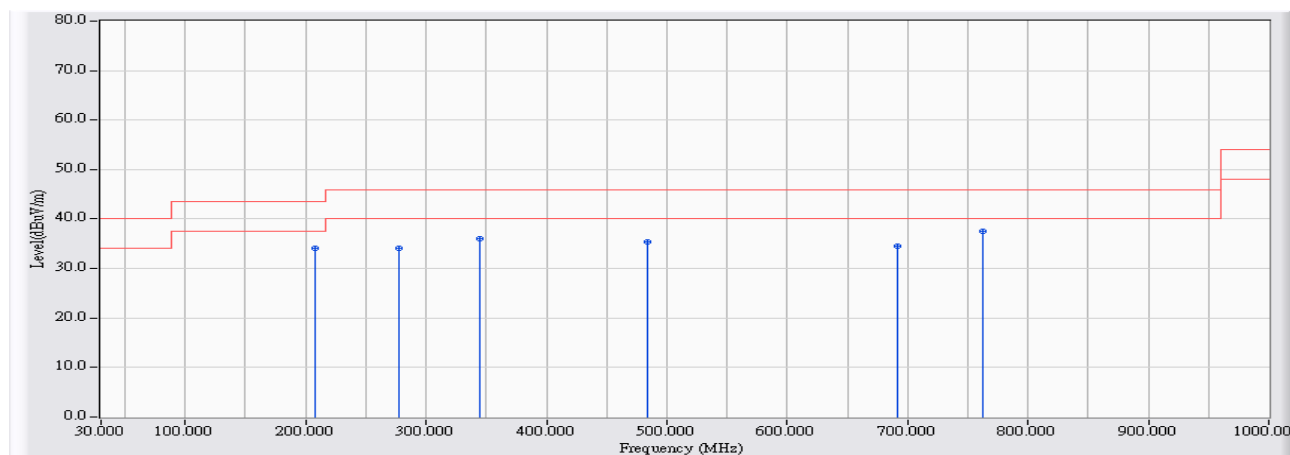


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 206.910            | 12.422                 | 26.038                  | 38.460                    | -5.040         | 43.500            | QUASIPeAK     |
| 2 |   | 276.937            | 13.137                 | 20.886                  | 34.023                    | -11.977        | 46.000            | QUASIPeAK     |
| 3 |   | 344.928            | 14.703                 | 24.396                  | 39.099                    | -6.901         | 46.000            | QUASIPeAK     |
| 4 |   | 413.888            | 16.295                 | 19.961                  | 36.256                    | -9.744         | 46.000            | QUASIPeAK     |
| 5 |   | 483.333            | 17.553                 | 16.339                  | 33.892                    | -12.108        | 46.000            | QUASIPeAK     |
| 6 |   | 754.809            | 21.754                 | 10.896                  | 32.650                    | -13.350        | 46.000            | QUASIPeAK     |

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/09/22 - 13:28                                |
| Limit : FCC_CLASS_B_03M_QP                  | Margin : 6                                               |
| Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL    | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5755MHz |

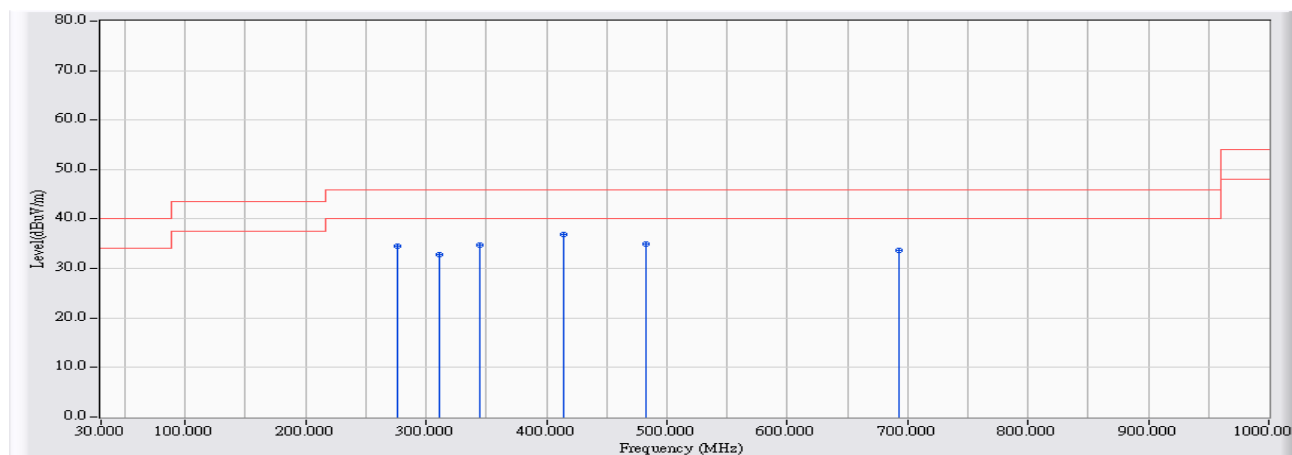


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 207.783            | 12.410                 | 21.789                  | 34.200                    | -9.300         | 43.500            | QUASIPeAK     |
| 2 |   | 277.034            | 13.140                 | 20.870                  | 34.010                    | -11.990        | 46.000            | QUASIPeAK     |
| 3 |   | 345.024            | 14.706                 | 21.276                  | 35.981                    | -10.019        | 46.000            | QUASIPeAK     |
| 4 |   | 484.109            | 17.562                 | 17.820                  | 35.382                    | -10.618        | 46.000            | QUASIPeAK     |
| 5 |   | 691.474            | 20.947                 | 13.569                  | 34.516                    | -11.484        | 46.000            | QUASIPeAK     |
| 6 | * | 761.889            | 21.843                 | 15.646                  | 37.489                    | -8.511         | 46.000            | QUASIPeAK     |

Note:

1. All Reading Levels are Quasi-Peak value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/09/22 - 13:30                                 |
| Limit : FCC_CLASS_B_03M_QP                  | Margin : 6                                                |
| Probe : CB1_FCC_30M-1G-4_9161 - HORIZONTAL  | Power : DC 5V (Power by Notebook PC)                      |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5775MHz |



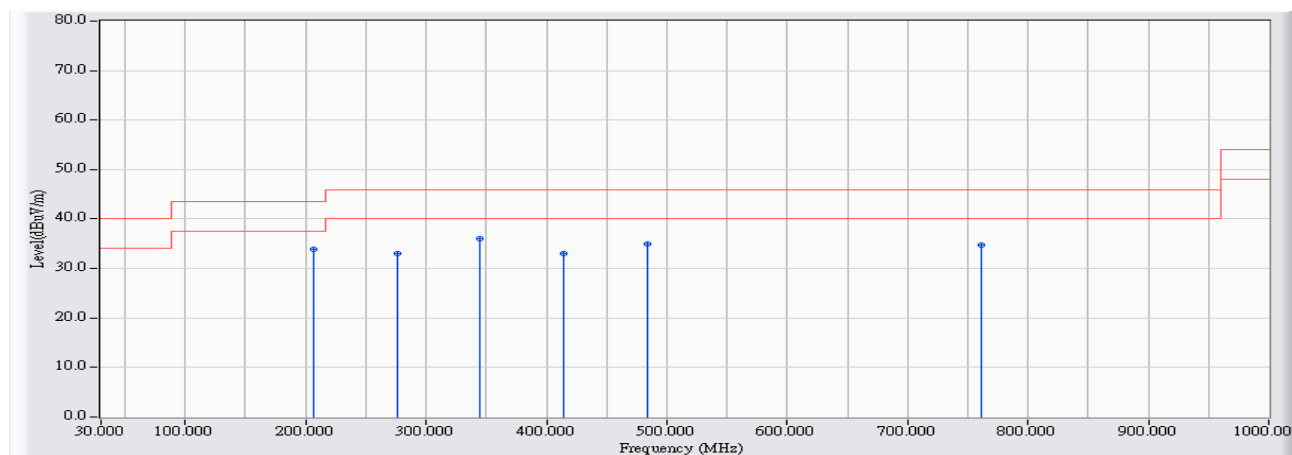
|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 276.646            | 13.128                 | 21.427                  | 34.555                    | -11.445        | 46.000            | QUASIPeAK     |
| 2 | 311.660            | 13.947                 | 18.920                  | 32.867                    | -13.133        | 46.000            | QUASIPeAK     |
| 3 | 344.928            | 14.703                 | 20.132                  | 34.835                    | -11.165        | 46.000            | QUASIPeAK     |
| 4 | * 413.985          | 16.297                 | 20.578                  | 36.875                    | -9.125         | 46.000            | QUASIPeAK     |
| 5 | 482.654            | 17.545                 | 17.511                  | 35.056                    | -10.944        | 46.000            | QUASIPeAK     |
| 6 | 692.735            | 20.963                 | 12.775                  | 33.739                    | -12.261        | 46.000            | QUASIPeAK     |

**Note:**

1. All Reading Levels are Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.



|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/09/22 - 13:34                                 |
| Limit : FCC_CLASS_B_03M_QP                  | Margin : 6                                                |
| Probe : CB1_FCC_30M-1G-4_9161 - VERTICAL    | Power : DC 5V (Power by Notebook PC)                      |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5775MHz |



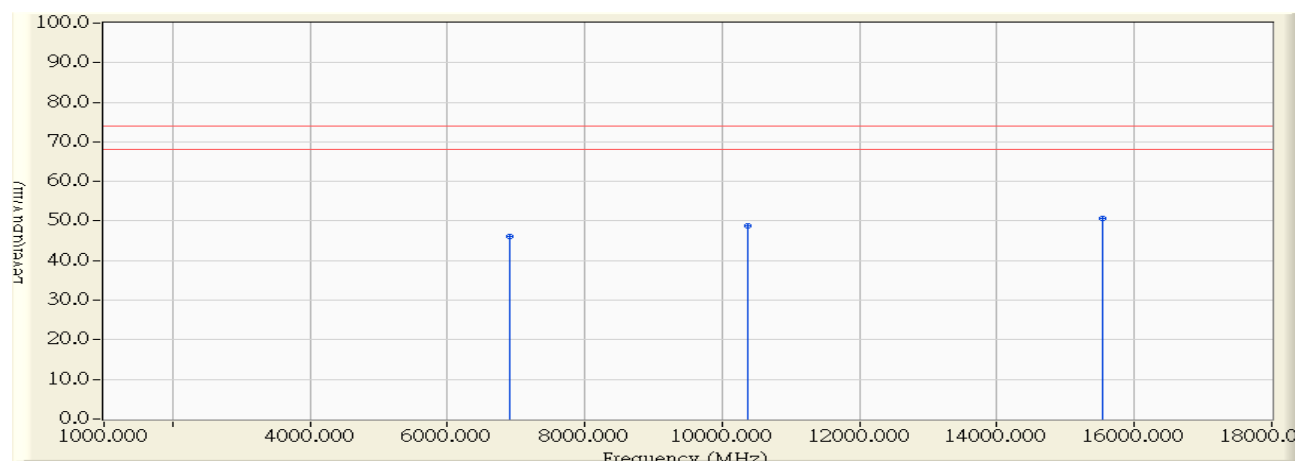
|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 207.007            | 12.421                 | 21.490                  | 33.911                    | -9.589         | 43.500            | QUASIPeAK     |
| 2 |   | 276.452            | 13.122                 | 19.862                  | 32.984                    | -13.016        | 46.000            | QUASIPeAK     |
| 3 |   | 344.831            | 14.700                 | 21.286                  | 35.987                    | -10.013        | 46.000            | QUASIPeAK     |
| 4 |   | 413.888            | 16.295                 | 16.825                  | 33.120                    | -12.880        | 46.000            | QUASIPeAK     |
| 5 |   | 483.430            | 17.554                 | 17.336                  | 34.890                    | -11.110        | 46.000            | QUASIPeAK     |
| 6 |   | 761.404            | 21.837                 | 12.877                  | 34.714                    | -11.286        | 46.000            | QUASIPeAK     |

Note:

1. All Reading Levels are Quasi-Peak value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

# Harmonic & Spurious:

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/22 - 23:39                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5180MHz |

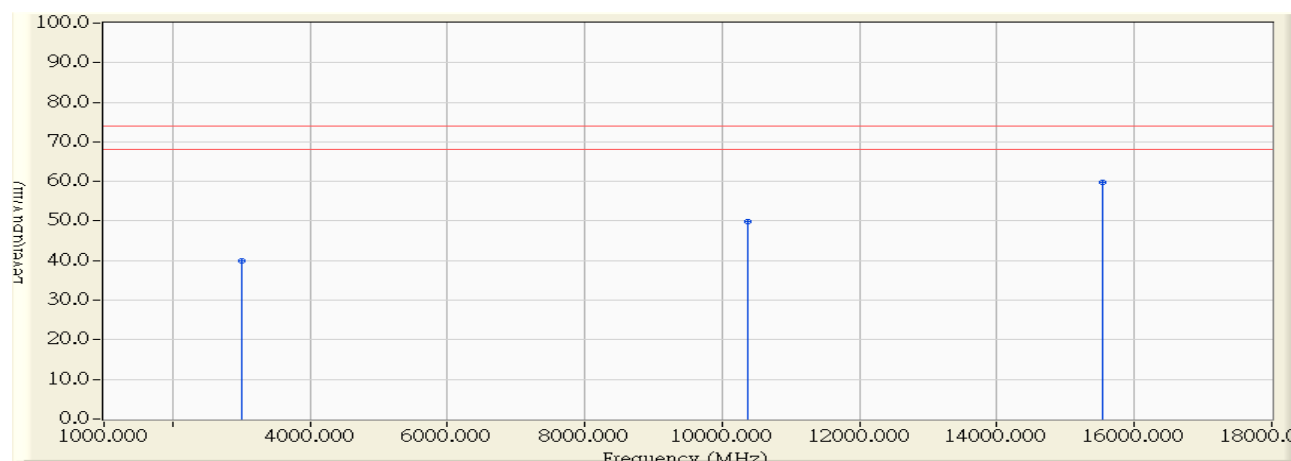


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 6907.000           | 5.097                  | 40.950                  | 46.047                    | -27.953        | 74.000            | PEAK          |
| 2 |   | 10364.000          | 9.157                  | 39.750                  | 48.907                    | -25.093        | 74.000            | PEAK          |
| 3 | * | 15532.000          | 9.747                  | 41.040                  | 50.787                    | -23.213        | 74.000            | PEAK          |

## Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/22 - 23:44                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5180MHz |

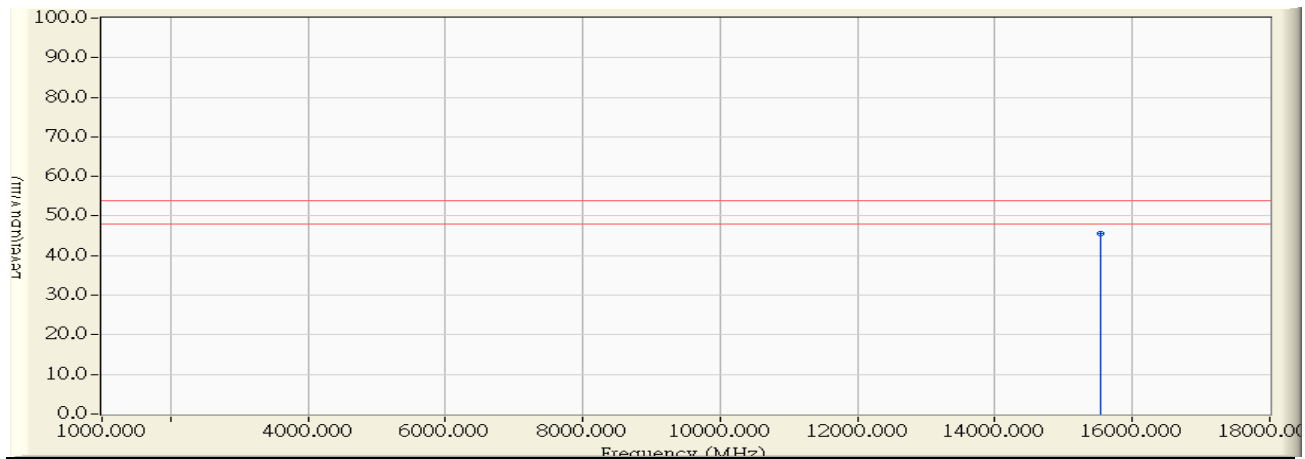


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2997.000           | -4.041                 | 43.950                  | 39.909                    | -34.091        | 74.000            | PEAK          |
| 2 |   | 10363.000          | 8.538                  | 41.270                  | 49.808                    | -24.192        | 74.000            | PEAK          |
| 3 | * | 15541.000          | 9.739                  | 50.070                  | 59.809                    | -14.191        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/22 - 23:45                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5180MHz |

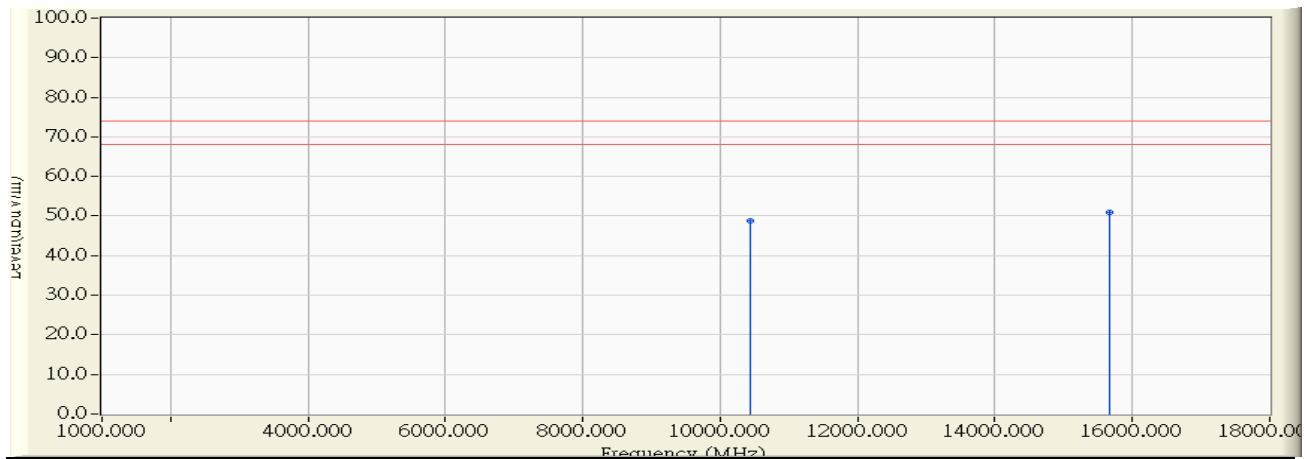


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 15541.000          | 9.739                  | 35.950                  | 45.689                    | -8.311         | 54.000            | AVERAGE       |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 00:01                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5220MHz |

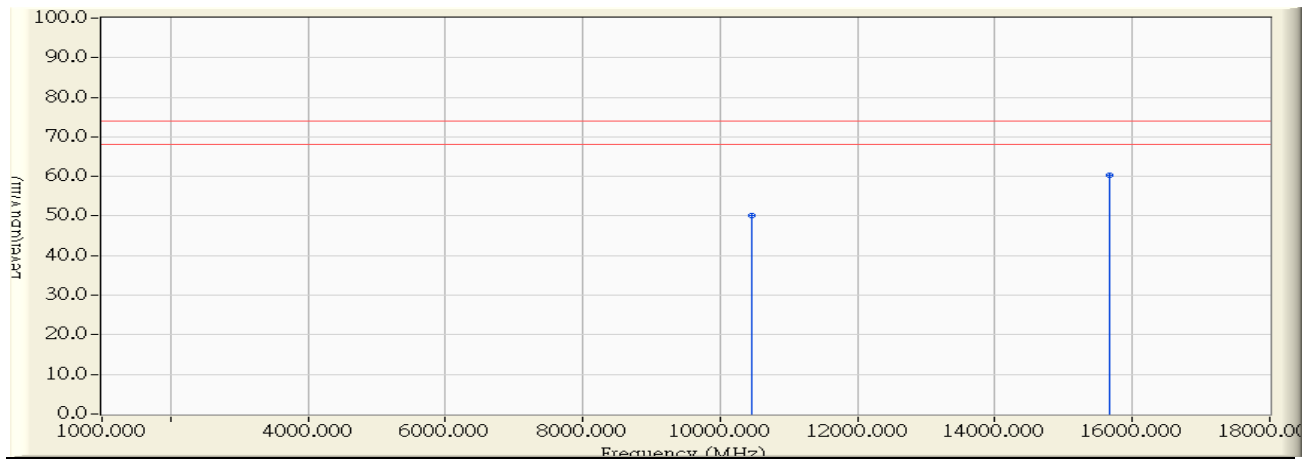


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 10445.000          | 9.090                  | 39.570                  | 48.660                    | -25.340        | 74.000            | PEAK          |
| 2 | * | 15661.000          | 9.634                  | 41.200                  | 50.833                    | -23.167        | 74.000            | PEAK          |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/22 - 23:55                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5220MHz |

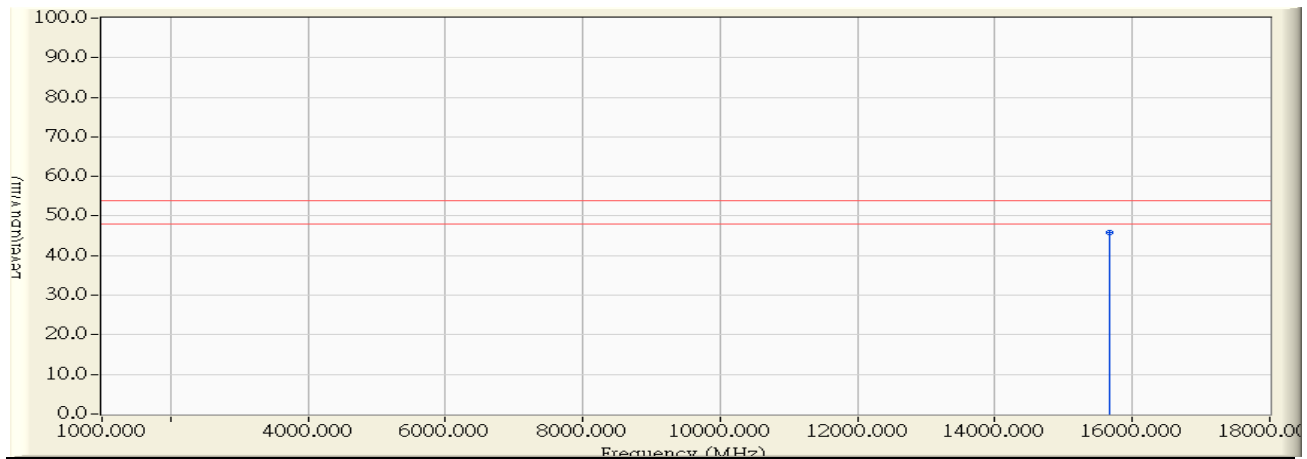


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 10450.000          | 8.552                  | 41.680                  | 50.232                    | -23.768        | 74.000            | PEAK          |
| 2 | * | 15661.000          | 9.634                  | 50.570                  | 60.203                    | -13.797        | 74.000            | PEAK          |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/22 - 23:55                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5220MHz |

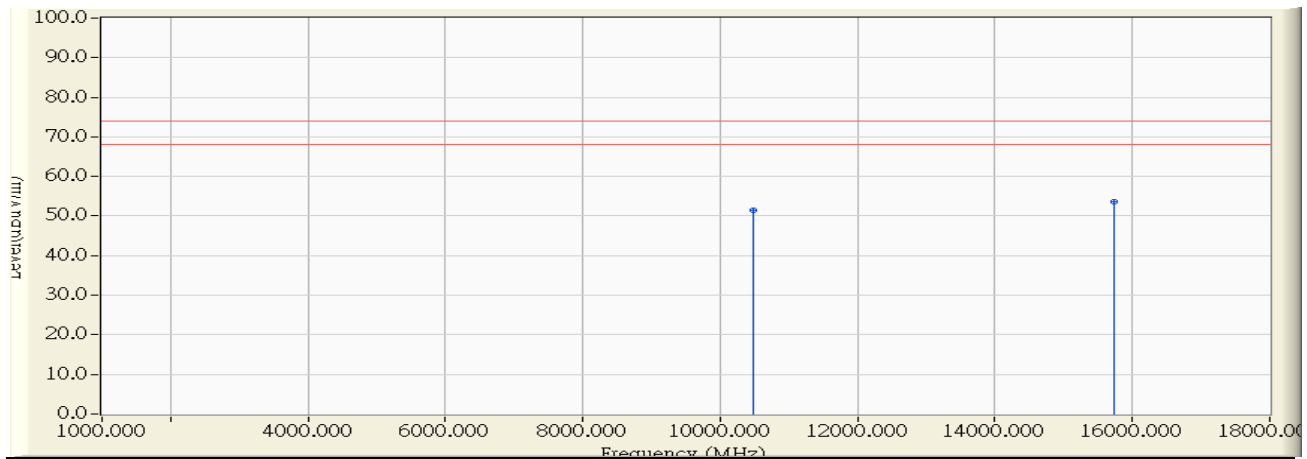


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 15661.000          | 9.634                  | 36.190                  | 45.823                    | -8.177         | 54.000            | AVERAGE       |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 00:06                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5240MHz |



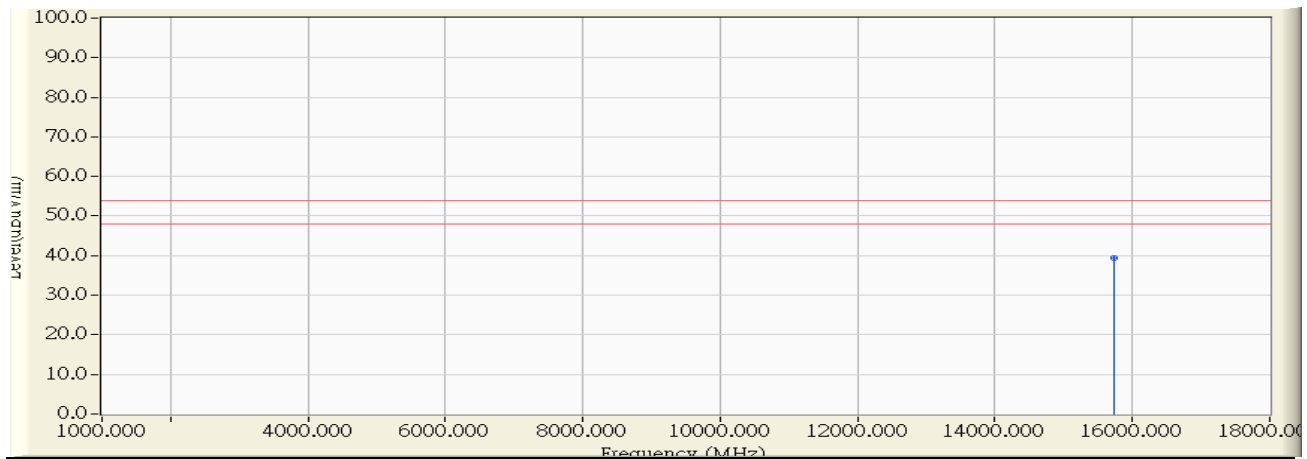
|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 10470.000          | 9.070                  | 42.350                  | 51.420                    | -22.580        | 74.000            | PEAK          |
| 2 | * | 15725.000          | 9.576                  | 43.980                  | 53.557                    | -20.443        | 74.000            | PEAK          |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 00:10                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5240MHz |

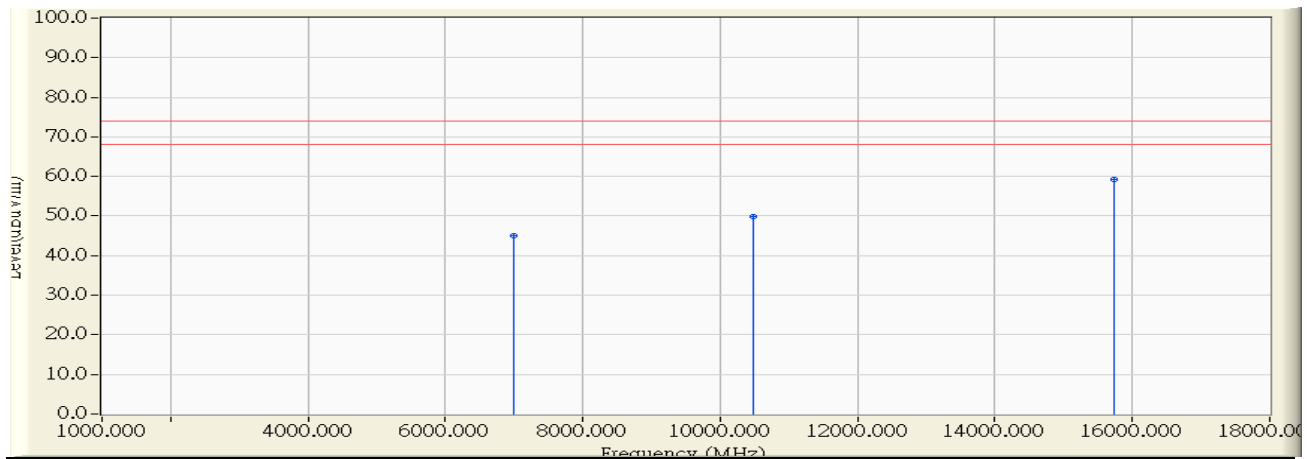


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 15723.000          | 9.578                  | 29.700                  | 39.278                    | -14.722        | 54.000            | AVERAGE       |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 00:16                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5240MHz |

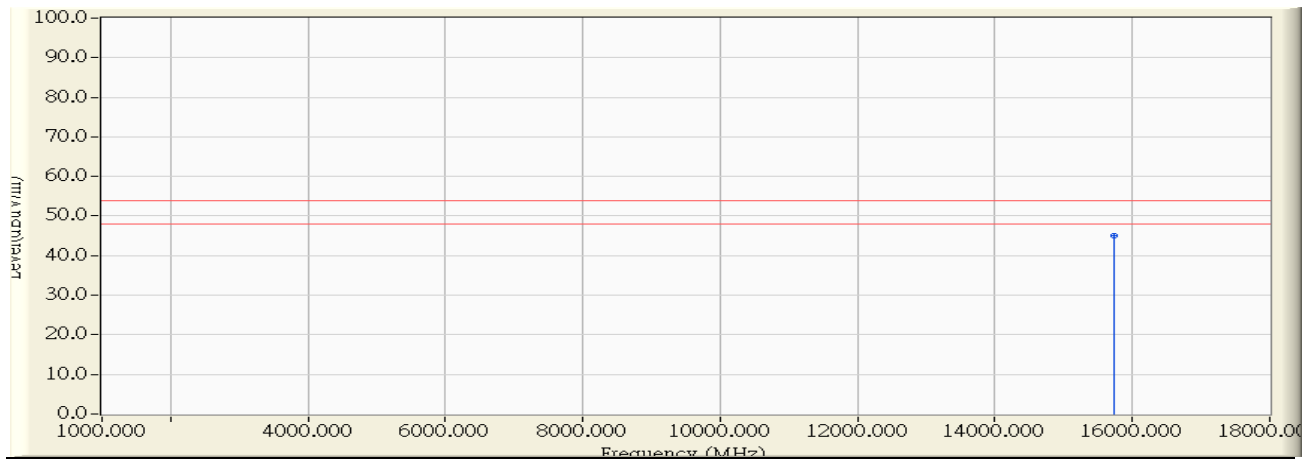


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 6984.000           | 4.930                  | 40.200                  | 45.130                    | -28.870        | 74.000            | PEAK          |
| 2 |   | 10477.000          | 8.565                  | 41.410                  | 49.975                    | -24.025        | 74.000            | PEAK          |
| 3 | * | 15725.000          | 9.576                  | 49.650                  | 59.227                    | -14.773        | 74.000            | PEAK          |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 00:17                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5240MHz |

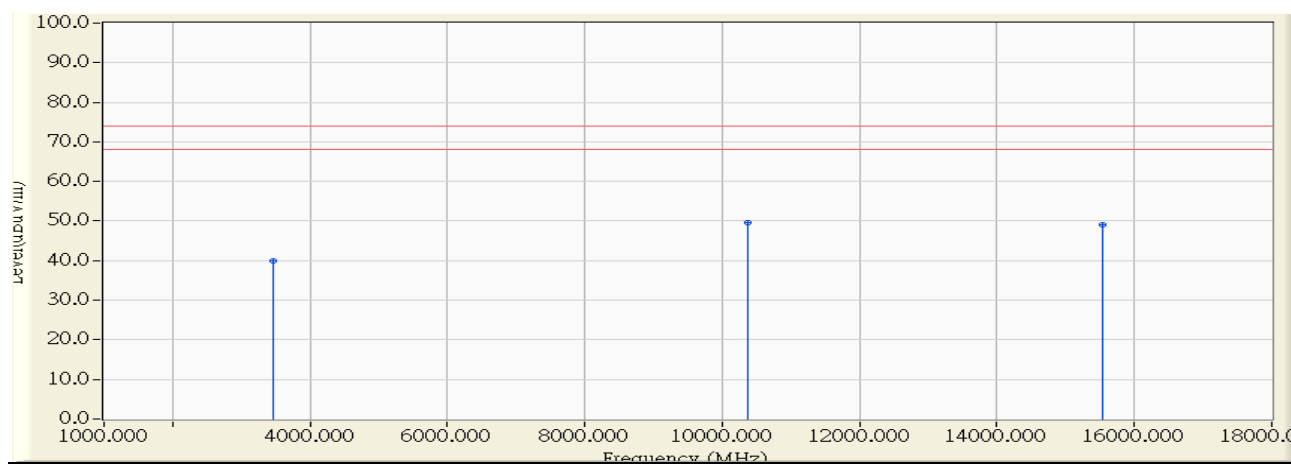


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 15723.000          | 9.578                  | 35.400                  | 44.978                    | -9.022         | 54.000            | AVERAGE       |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 00:33                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5180MHz |

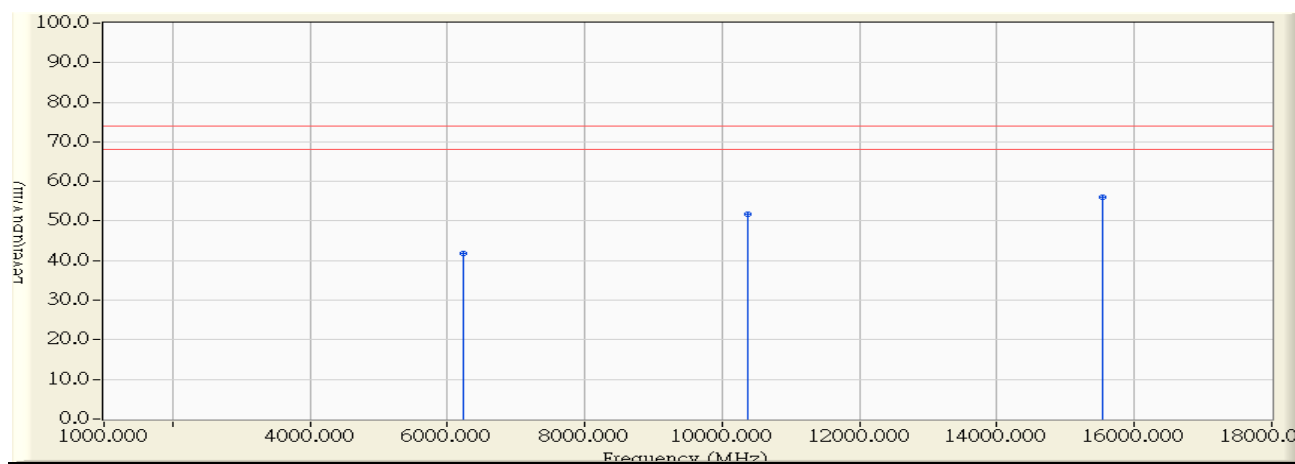


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 3465.000           | -3.538                 | 43.360                  | 39.823                    | -34.177        | 74.000            | PEAK          |
| 2 | * | 10364.000          | 9.157                  | 40.520                  | 49.677                    | -24.323        | 74.000            | PEAK          |
| 3 |   | 15541.000          | 9.739                  | 39.250                  | 48.989                    | -25.011        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 00:26                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5180MHz |

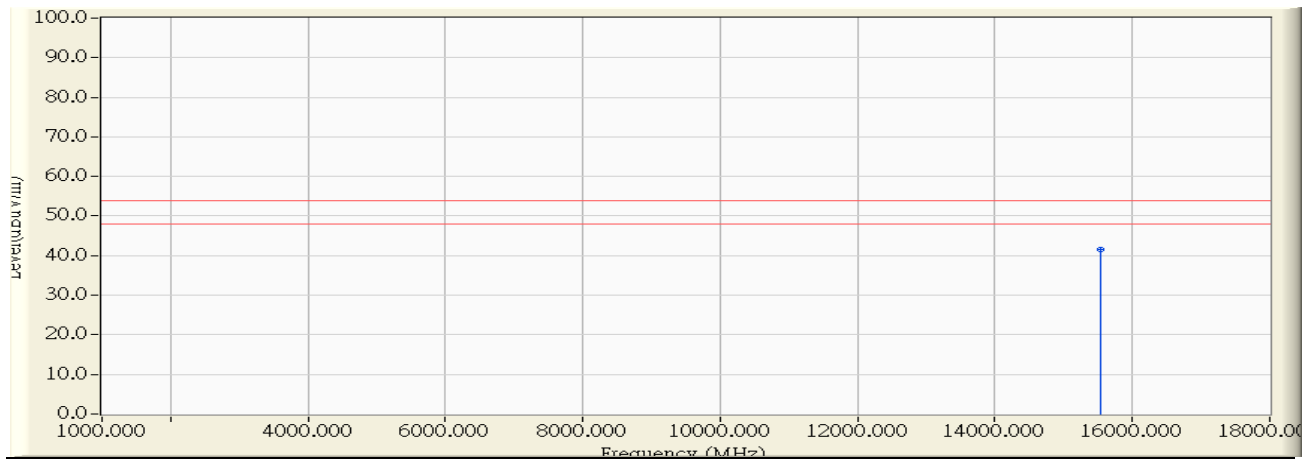


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 6227.000           | 1.895                  | 39.980                  | 41.875                    | -32.125        | 74.000            | PEAK          |
| 2 |   | 10362.000          | 8.537                  | 43.110                  | 51.647                    | -22.353        | 74.000            | PEAK          |
| 3 | * | 15536.000          | 9.744                  | 46.360                  | 56.103                    | -17.897        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 00:26                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5180MHz |

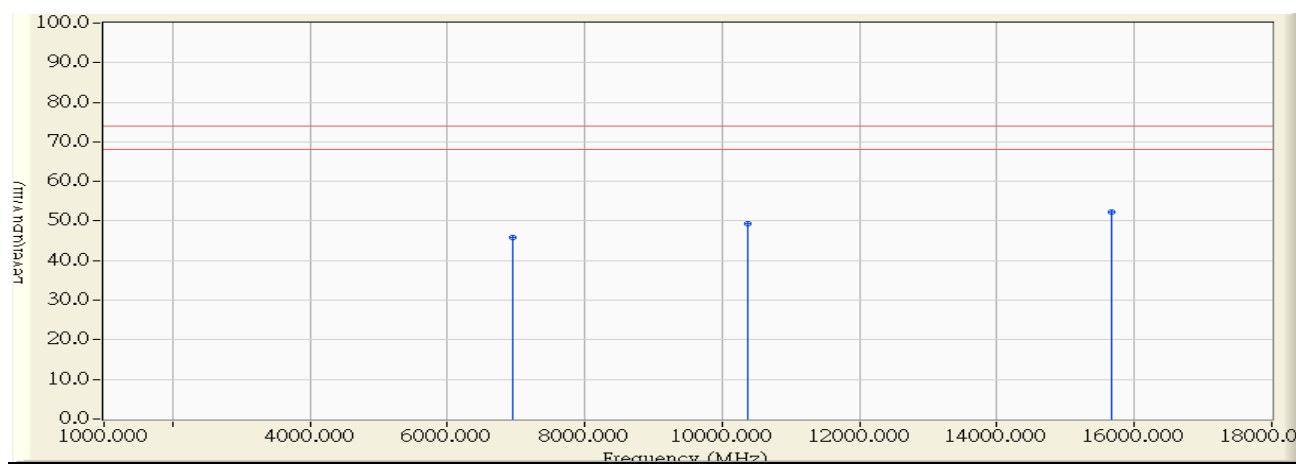


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 15537.000          | 9.742                  | 31.940                  | 41.682                    | -12.318        | 54.000            | AVERAGE       |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 00:35                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5220MHz |

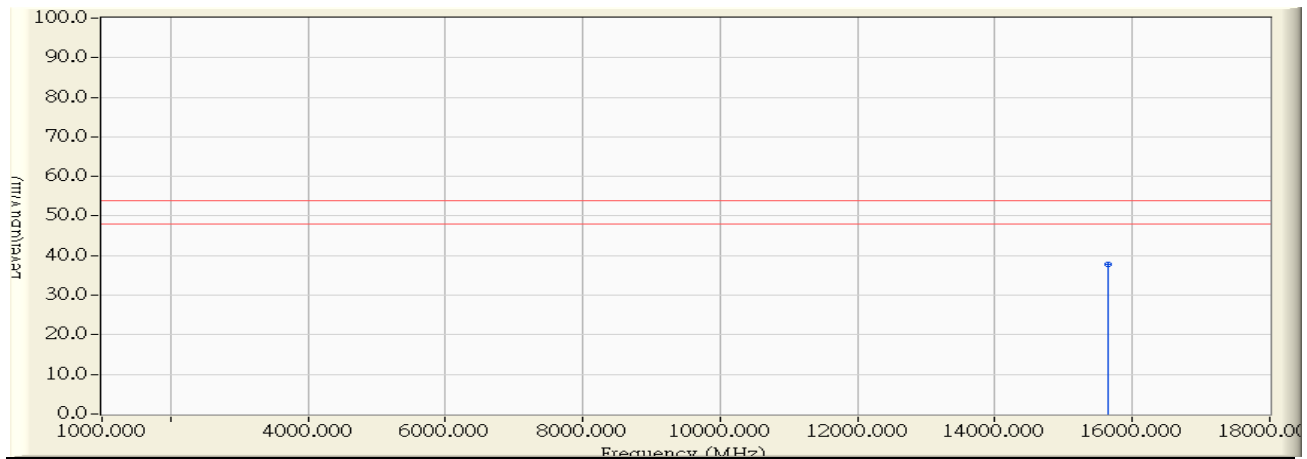


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 6958.000           | 5.320                  | 40.580                  | 45.899                    | -28.101        | 74.000            | PEAK          |
| 2 |   | 10364.000          | 9.157                  | 40.220                  | 49.377                    | -24.623        | 74.000            | PEAK          |
| 3 | * | 15668.000          | 9.627                  | 42.520                  | 52.147                    | -21.853        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 00:41                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5220MHz |



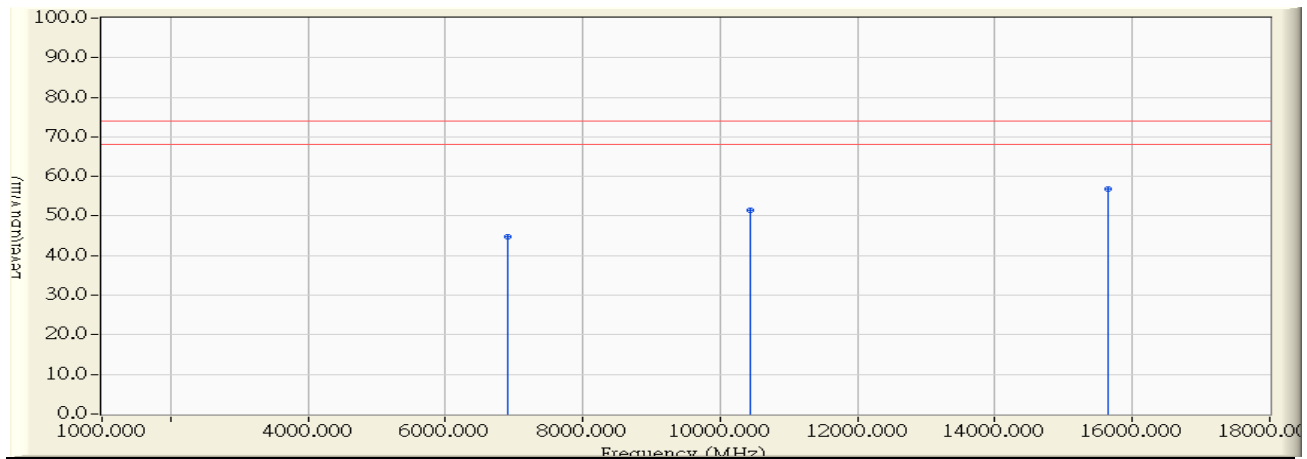
|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 15657.000          | 9.636                  | 28.230                  | 37.867                    | -16.133        | 54.000            | AVERAGE       |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 00:46                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5220MHz |

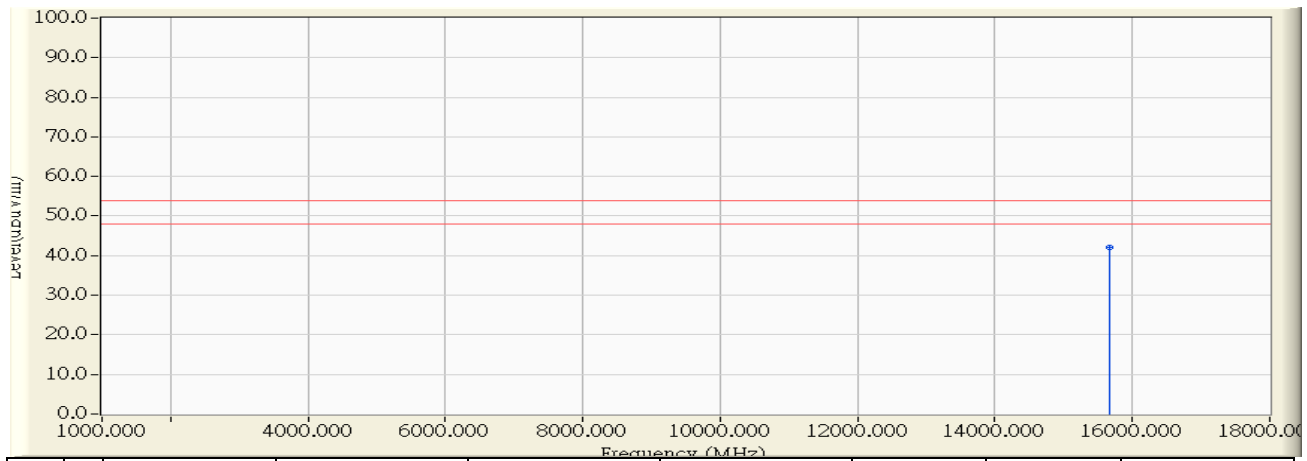


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 6911.000           | 4.650                  | 40.210                  | 44.860                    | -29.140        | 74.000            | PEAK          |
| 2 |   | 10445.000          | 8.552                  | 42.990                  | 51.542                    | -22.458        | 74.000            | PEAK          |
| 3 | * | 15650.000          | 9.642                  | 47.240                  | 56.883                    | -17.117        | 74.000            | PEAK          |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 00:48                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5220MHz |

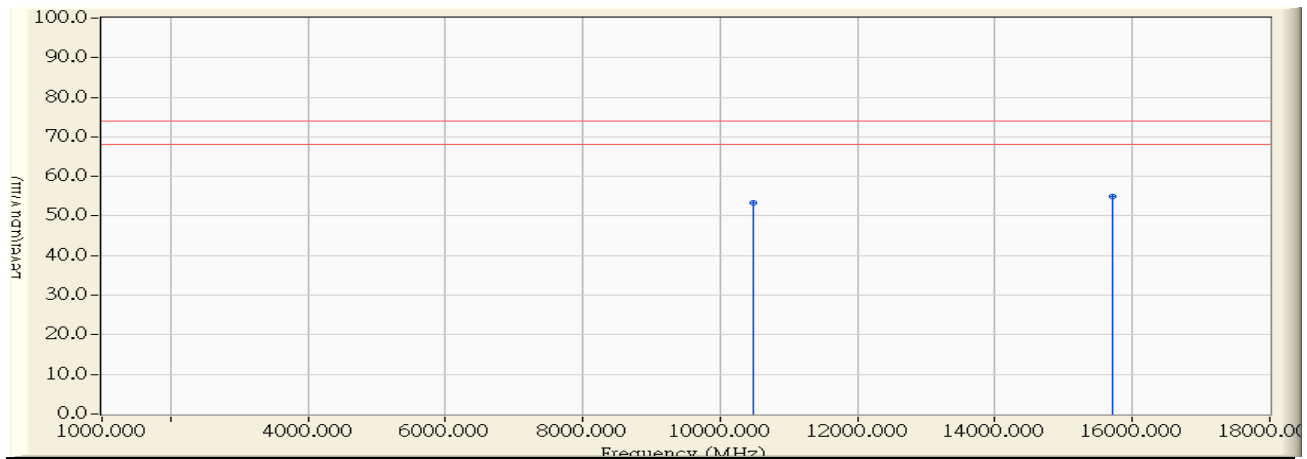


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 15661.000          | 9.634                  | 32.440                  | 42.073                    | -11.927        | 54.000            | AVERAGE       |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 00:59                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5240MHz |

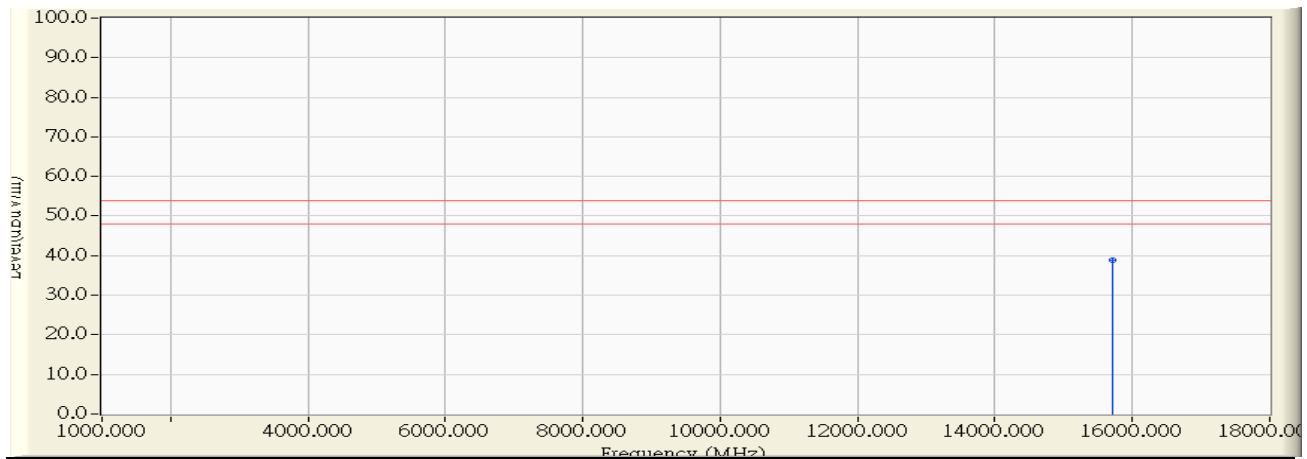


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 10478.000          | 9.071                  | 44.360                  | 53.431                    | -20.569        | 74.000            | PEAK          |
| 2 | * | 15722.000          | 9.579                  | 45.340                  | 54.919                    | -19.081        | 74.000            | PEAK          |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 01:00                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5240MHz |

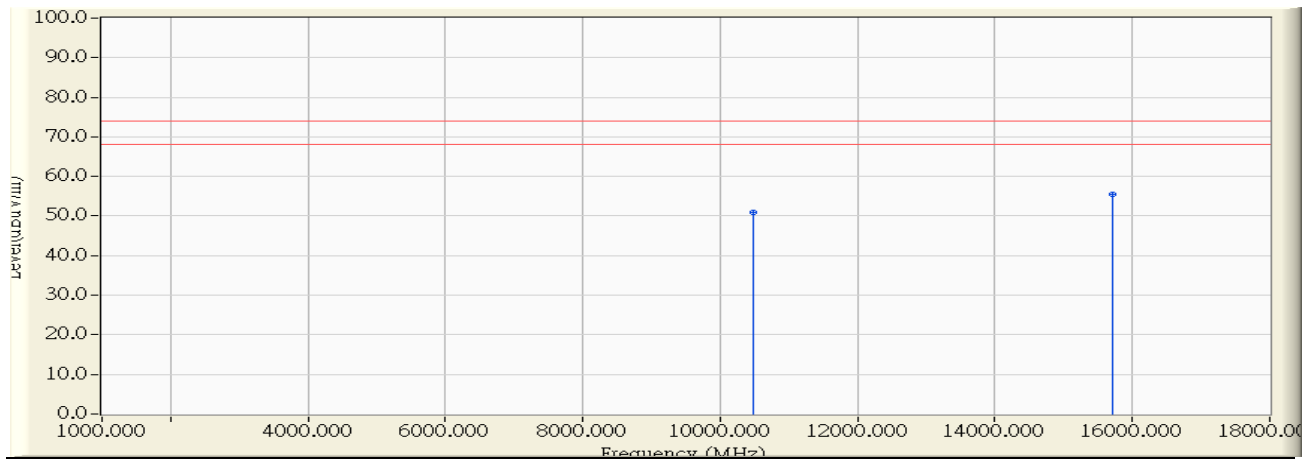


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 15718.000          | 9.583                  | 29.270                  | 38.853                    | -35.147        | 74.000            | AVERAGE       |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 00:53                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5240MHz |

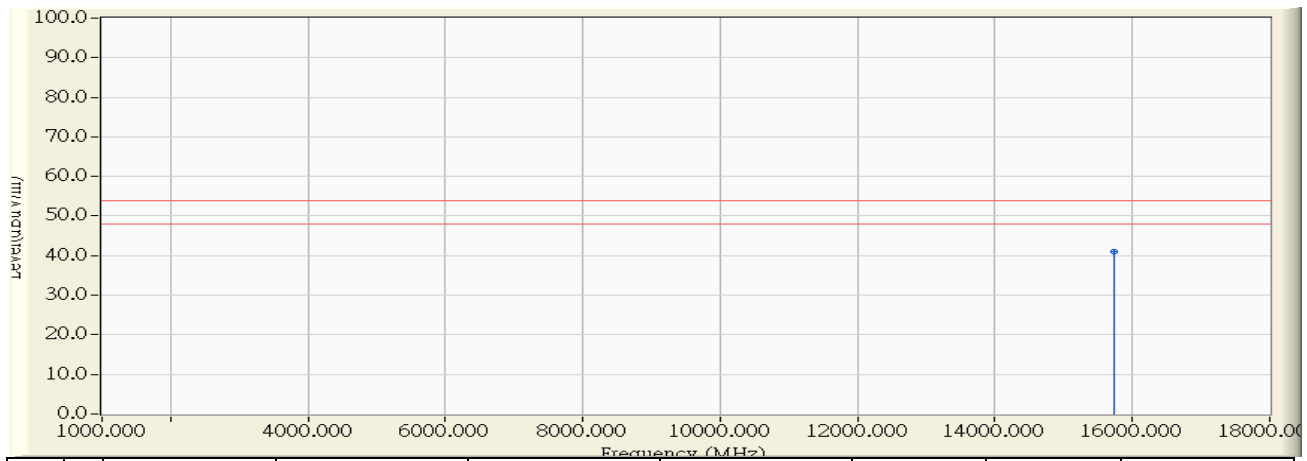


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 10479.000          | 8.567                  | 42.450                  | 51.017                    | -22.983        | 74.000            | PEAK          |
| 2 | * | 15710.000          | 9.589                  | 45.990                  | 55.580                    | -18.420        | 74.000            | PEAK          |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 00:54                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5240MHz |

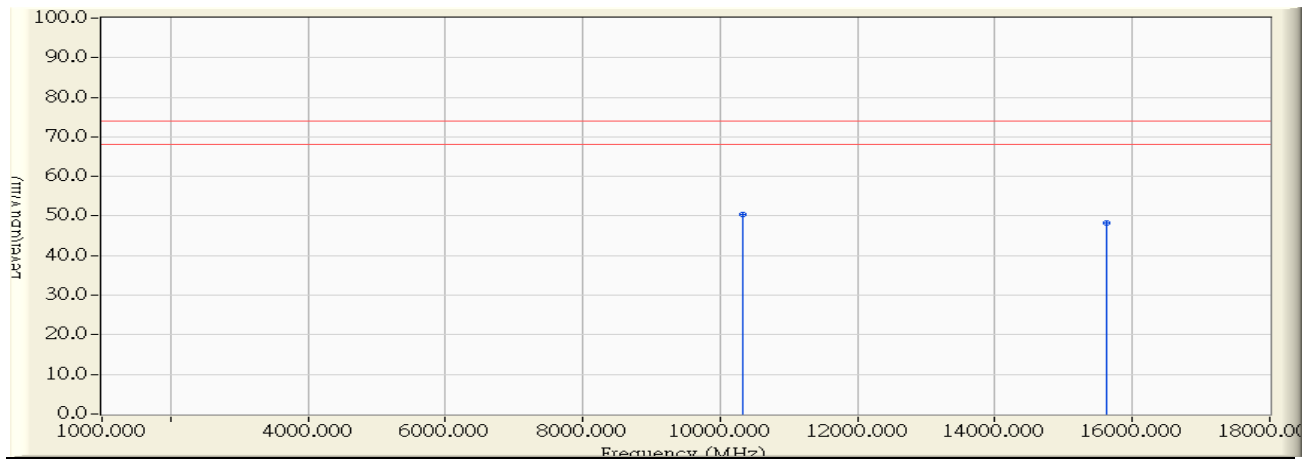


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 15723.000          | 9.578                  | 31.360                  | 40.938                    | -13.062        | 54.000            | AVERAGE       |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 01:09                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5190MHz |

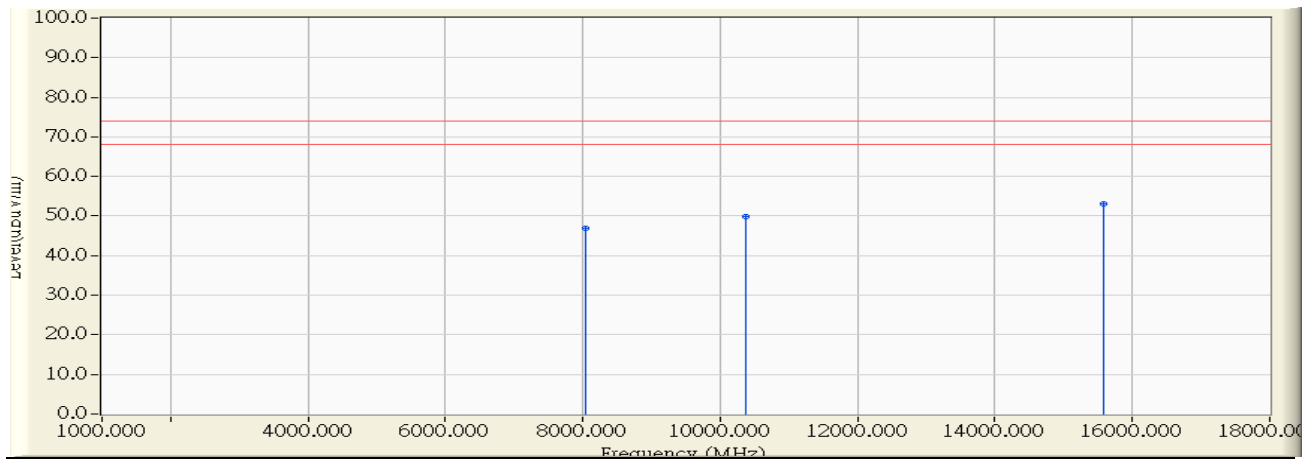


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 10338.000          | 9.178                  | 41.270                  | 50.448                    | -23.552        | 74.000            | PEAK          |
| 2 |   | 15614.000          | 9.675                  | 38.700                  | 48.374                    | -25.626        | 74.000            | PEAK          |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 01:16                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5190MHz |



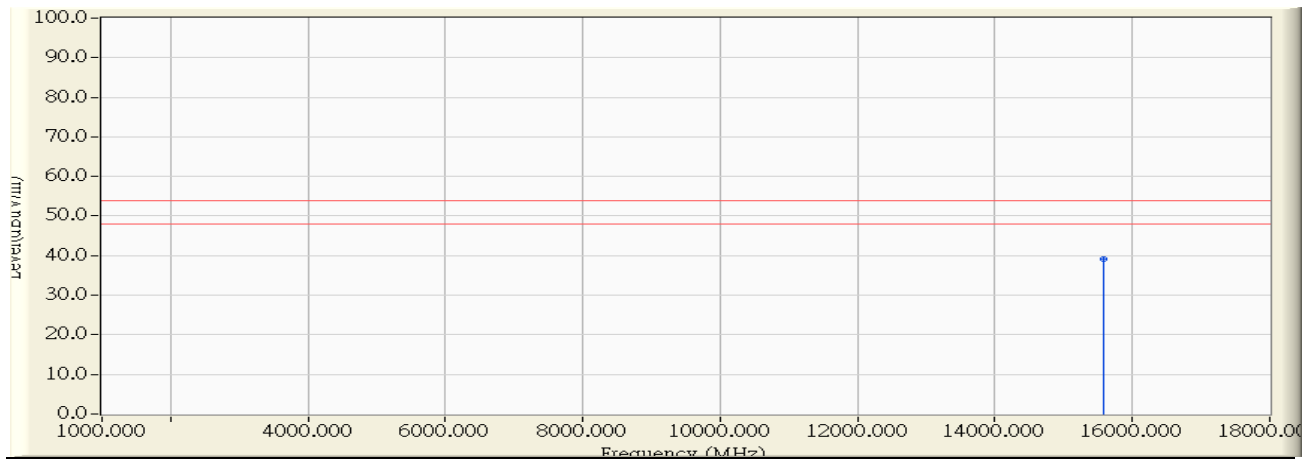
|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 8046.000           | 6.664                  | 40.200                  | 46.864                    | -27.136        | 74.000            | PEAK          |
| 2 |   | 10382.000          | 8.541                  | 41.450                  | 49.991                    | -24.009        | 74.000            | PEAK          |
| 3 | * | 15574.000          | 9.710                  | 43.340                  | 53.050                    | -20.950        | 74.000            | PEAK          |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 01:16                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5190MHz |

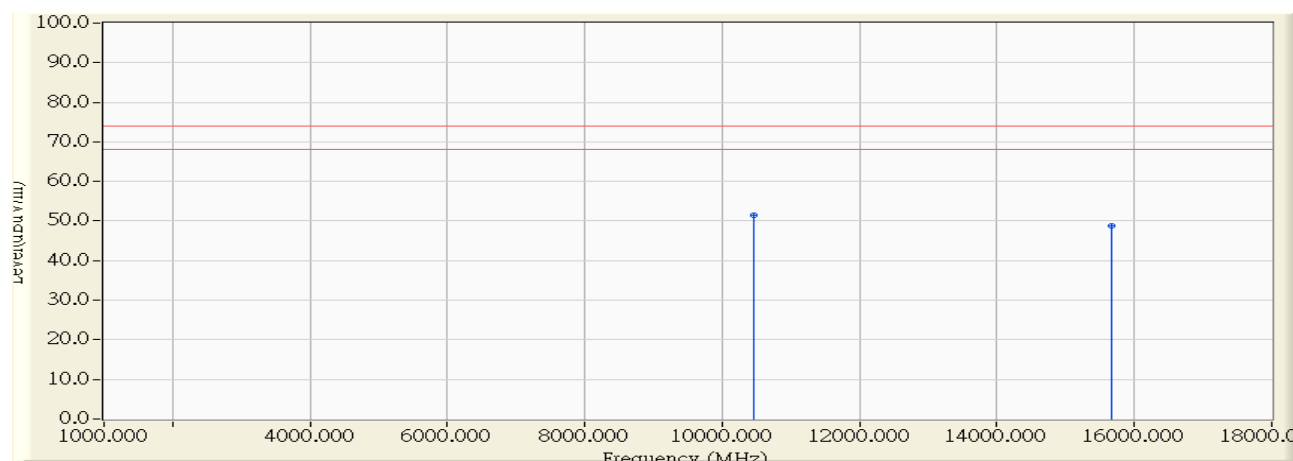


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 15573.000          | 9.711                  | 29.360                  | 39.071                    | -14.929        | 54.000            | AVERAGE       |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 01:32                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5230MHz |

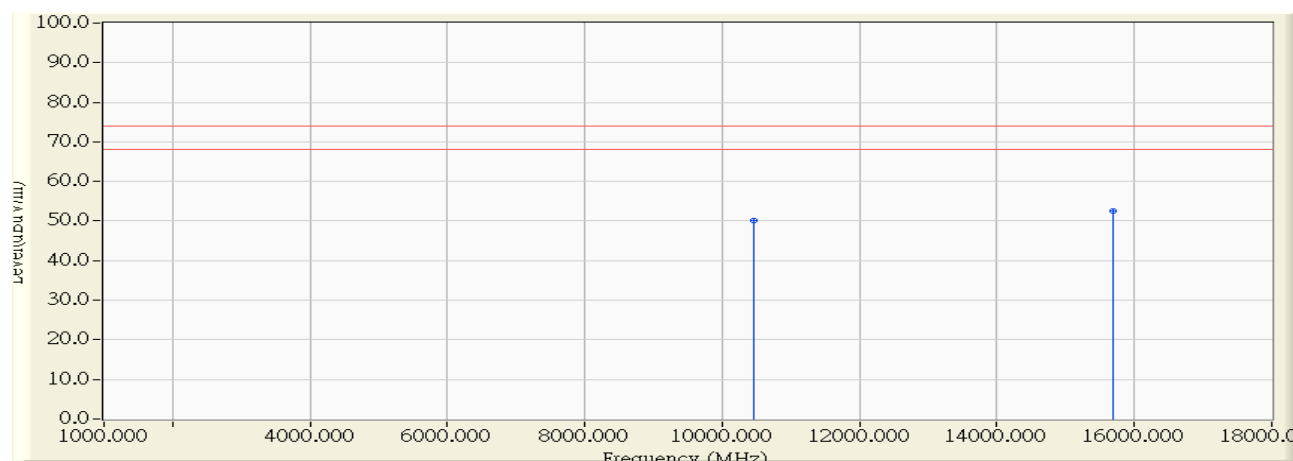


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 10459.000          | 9.078                  | 42.350                  | 51.428                    | -22.572        | 74.000            | PEAK          |
| 2 |   | 15671.000          | 9.625                  | 39.180                  | 48.804                    | -25.196        | 74.000            | PEAK          |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 01:23                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5230MHz |

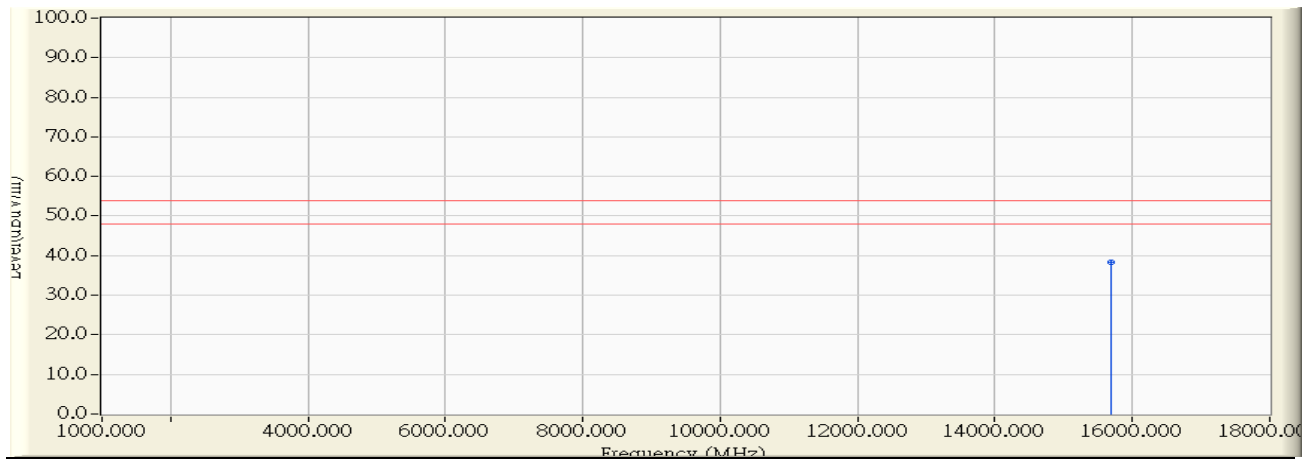


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 10467.000          | 8.555                  | 41.580                  | 50.135                    | -23.865        | 74.000            | PEAK          |
| 2 | * | 15696.000          | 9.603                  | 42.870                  | 52.472                    | -21.528        | 74.000            | PEAK          |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 01:24                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5230MHz |

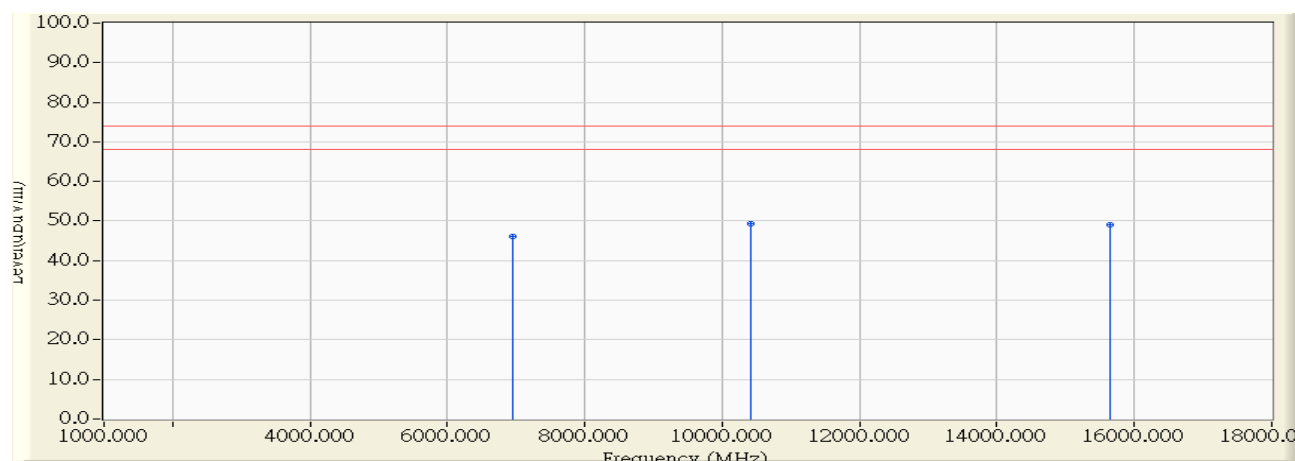


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 15692.000          | 9.605                  | 28.830                  | 38.436                    | -15.564        | 54.000            | AVERAGE       |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 01:38                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(80M)_5210MHz |

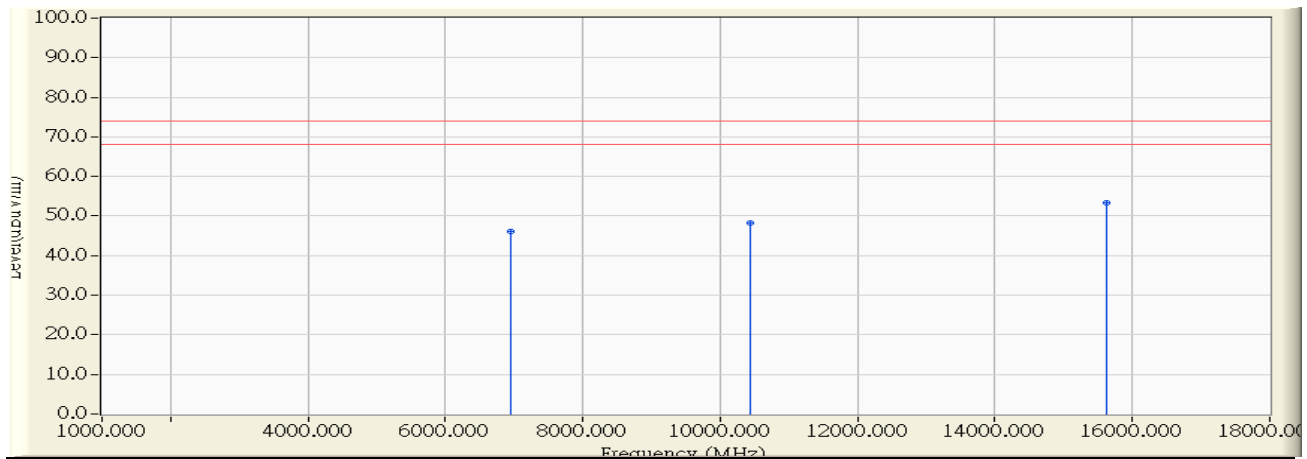


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 6947.000           | 5.271                  | 40.770                  | 46.041                    | -27.959        | 74.000            | PEAK          |
| 2 | * | 10407.000          | 9.121                  | 40.080                  | 49.201                    | -24.799        | 74.000            | PEAK          |
| 3 |   | 15647.000          | 9.645                  | 39.350                  | 48.995                    | -25.005        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 01:43                                 |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                                |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                      |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5210MHz |

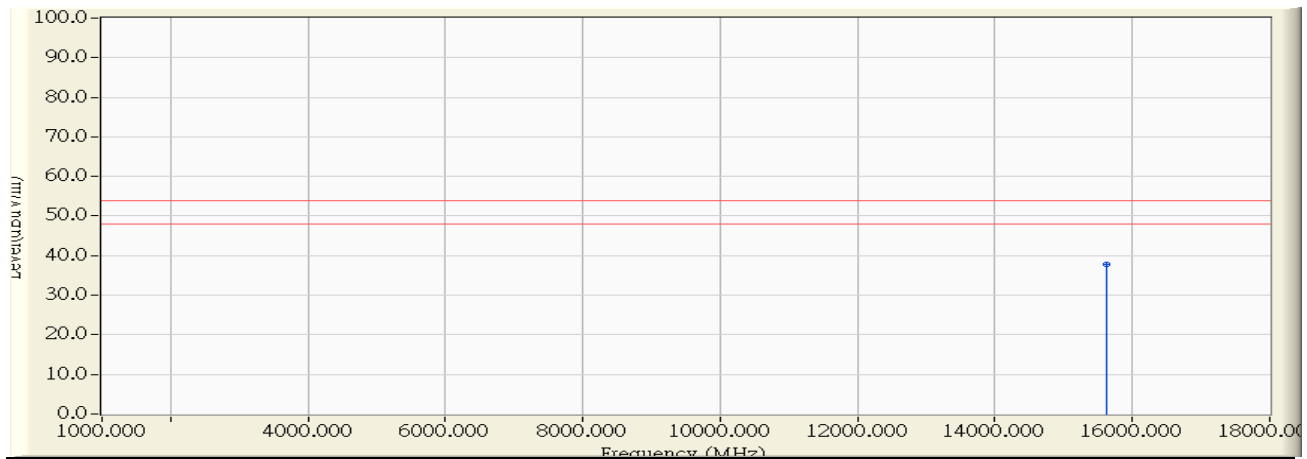


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 6947.000           | 4.789                  | 41.210                  | 45.999                    | -28.001        | 74.000            | PEAK          |
| 2 |   | 10447.000          | 8.552                  | 39.660                  | 48.212                    | -25.788        | 74.000            | PEAK          |
| 3 | * | 15622.000          | 9.667                  | 43.680                  | 53.347                    | -20.653        | 74.000            | PEAK          |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 01:44                                 |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                                |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                      |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5210MHz |

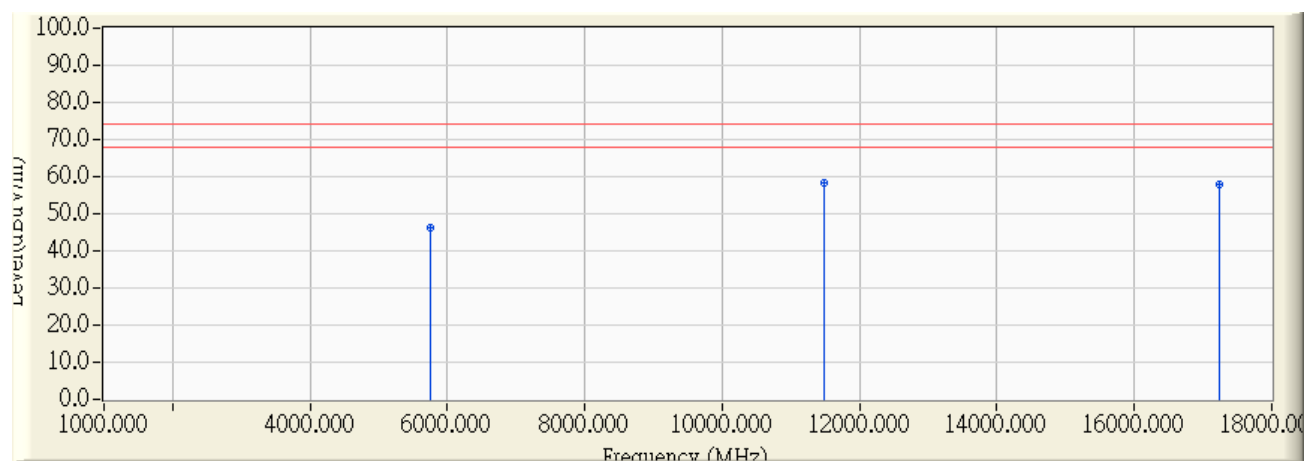


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 15623.000          | 9.667                  | 28.190                  | 37.857                    | -16.143        | 54.000            | AVERAGE       |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 11:06                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1 FCC EFS 1-18G H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5745MHz |



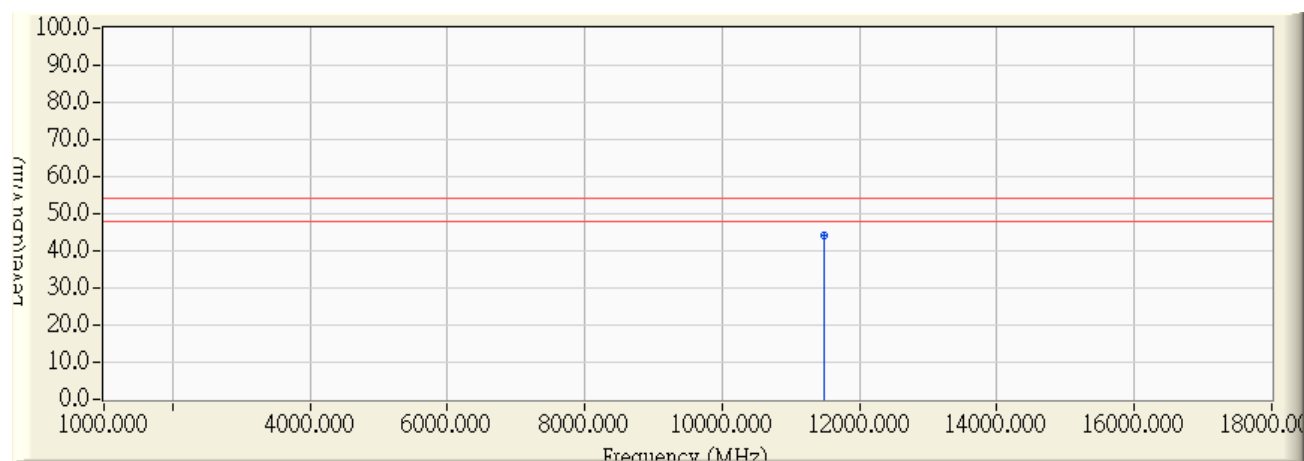
|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5751.000           | 1.401                  | 44.670                  | 46.071                    | -27.929        | 74.000            | PEAK          |
| 2 | * | 11491.000          | 11.038                 | 47.440                  | 58.478                    | -15.522        | 74.000            | PEAK          |
| 3 |   | 17232.000          | 14.347                 | 43.380                  | 57.727                    | -16.273        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 11:06                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5745MHz |

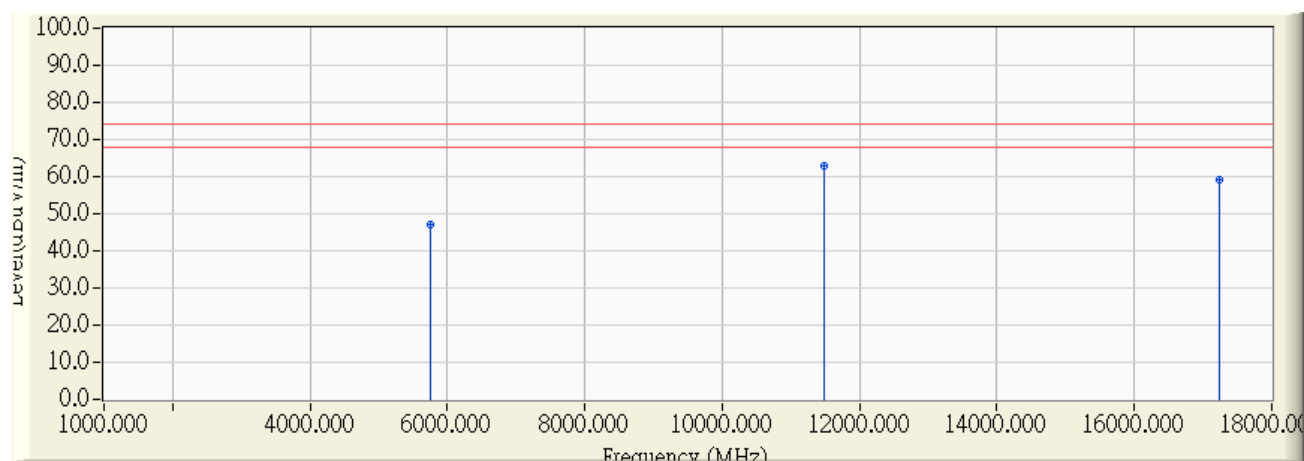


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11490.000          | 11.040                 | 33.280                  | 44.319                    | -9.681         | 54.000            | AVERAGE       |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 10:56                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5745MHz |

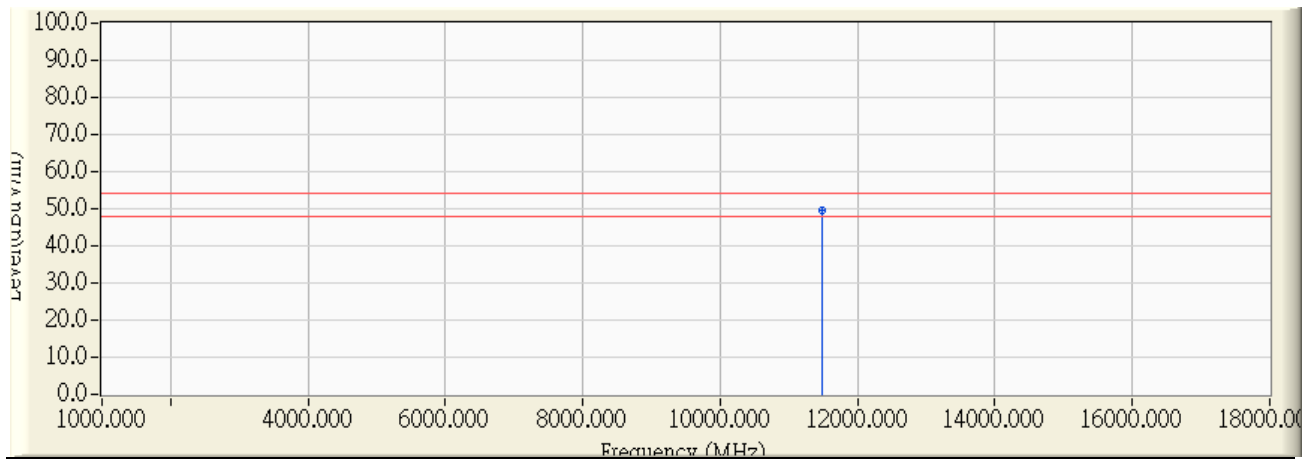


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5751.000           | 1.517                  | 45.480                  | 46.997                    | -27.003        | 74.000            | PEAK          |
| 2 | * | 11489.000          | 10.788                 | 52.080                  | 62.868                    | -11.132        | 74.000            | PEAK          |
| 3 |   | 17240.000          | 14.385                 | 44.750                  | 59.136                    | -14.864        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 10:56                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5745MHz |

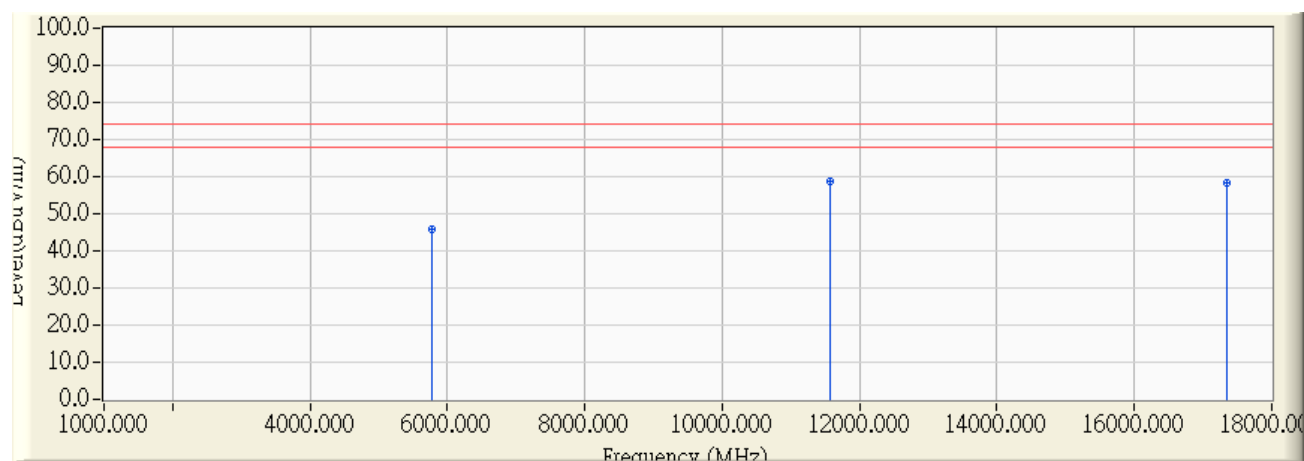


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11490.000          | 10.786                 | 38.730                  | 49.516                    | -4.484         | 54.000            | AVERAGE       |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 11:13                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1 FCC EFS 1-18G H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5785MHz |

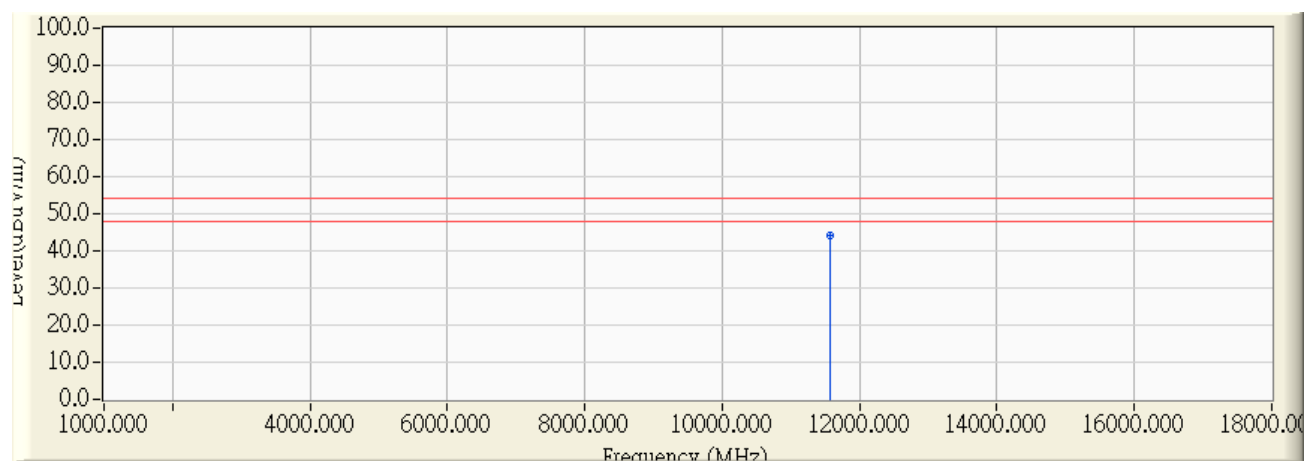


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5777.000           | 1.338                  | 44.600                  | 45.938                    | -28.062        | 74.000            | PEAK          |
| 2 | * | 11571.000          | 10.939                 | 47.670                  | 58.609                    | -15.391        | 74.000            | PEAK          |
| 3 |   | 17348.000          | 14.904                 | 43.490                  | 58.394                    | -15.606        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 11:13                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5785MHz |

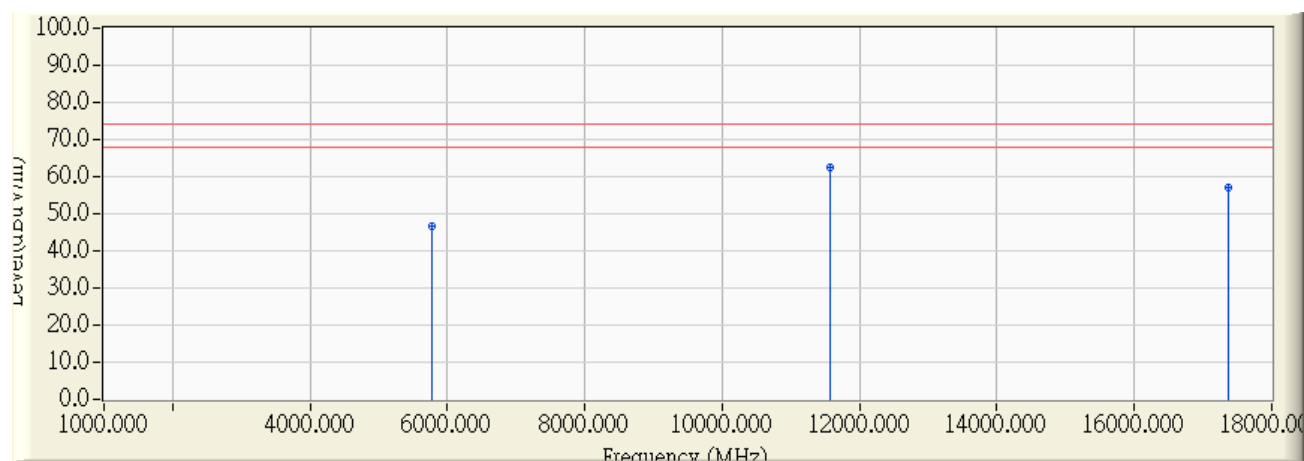


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11570.000          | 10.940                 | 33.180                  | 44.120                    | -9.880         | 54.000            | AVERAGE       |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 11:21                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5785MHz |

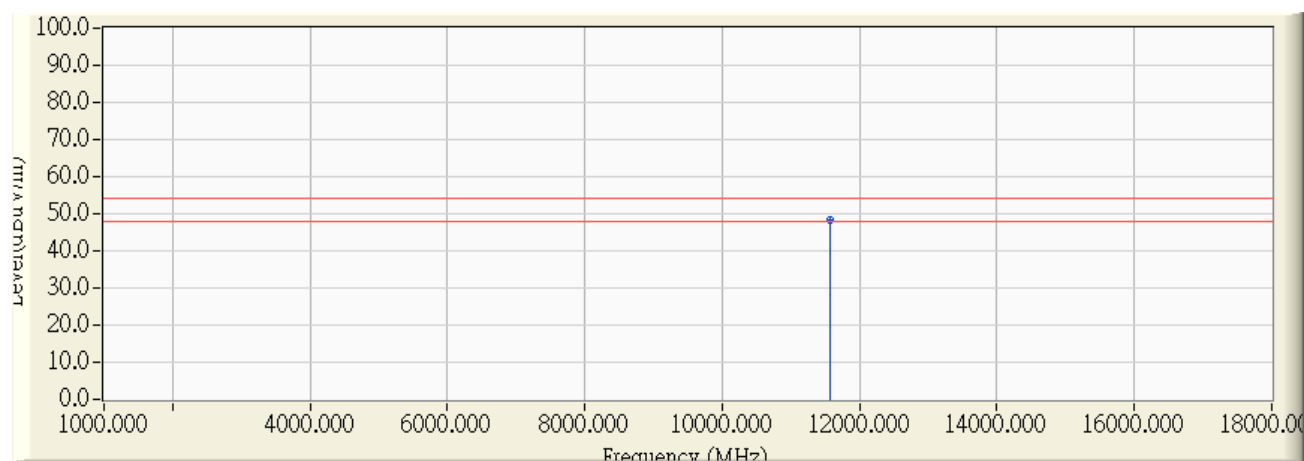


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5777.000           | 1.441                  | 45.270                  | 46.711                    | -27.289        | 74.000            | PEAK          |
| 2 | * | 11572.000          | 10.643                 | 51.940                  | 62.583                    | -11.417        | 74.000            | PEAK          |
| 3 |   | 17362.000          | 14.971                 | 42.120                  | 57.091                    | -16.909        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 11:21                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5785MHz |

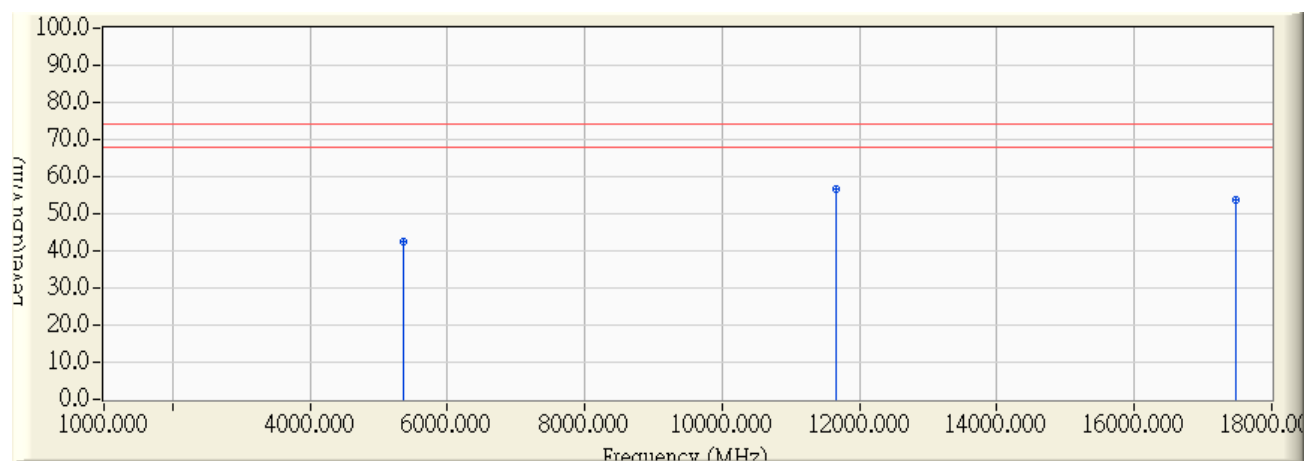


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11569.000          | 10.649                 | 37.730                  | 48.379                    | -5.621         | 54.000            | AVERAGE       |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 11:54                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5825MHz |



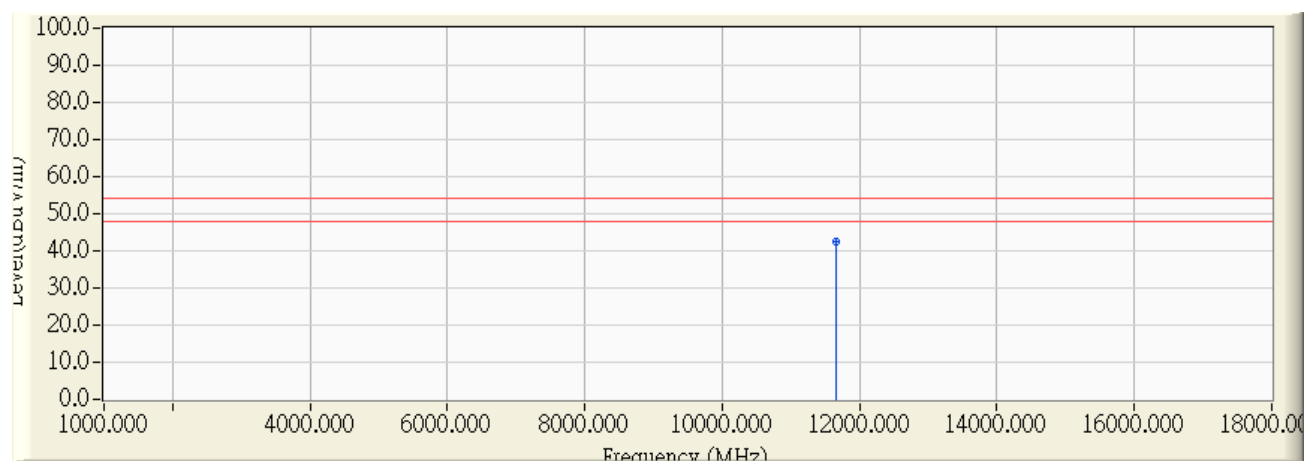
|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5360.000           | 1.018                  | 41.510                  | 42.527                    | -31.473        | 74.000            | PEAK          |
| 2 | * | 11649.000          | 10.843                 | 45.710                  | 56.553                    | -17.447        | 74.000            | PEAK          |
| 3 |   | 17467.000          | 15.474                 | 38.480                  | 53.954                    | -20.046        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 11:54                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5825MHz |

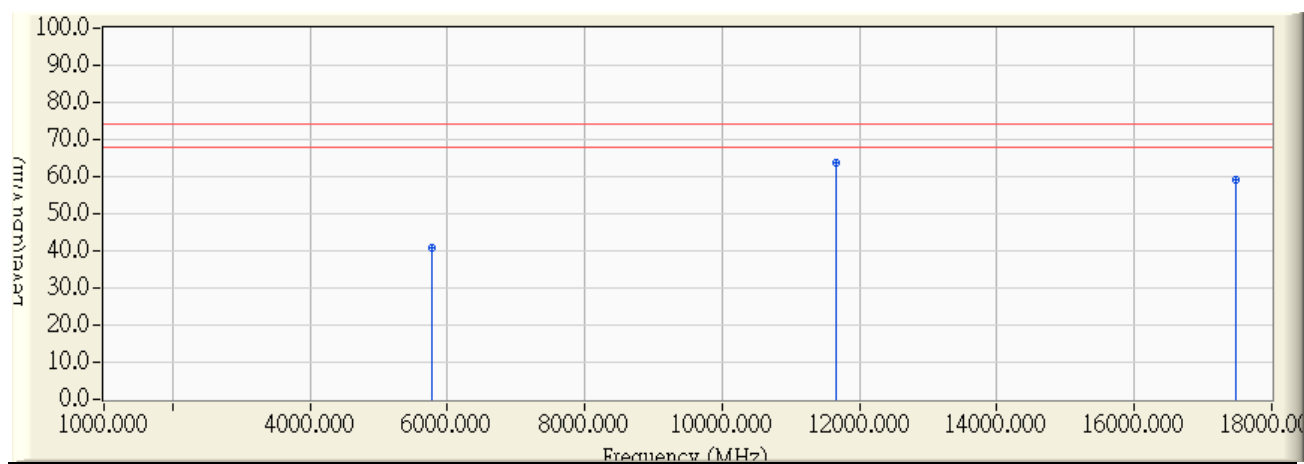


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11650.000          | 10.842                 | 31.750                  | 42.591                    | -11.409        | 54.000            | AVERAGE       |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 11:27                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5825MHz |

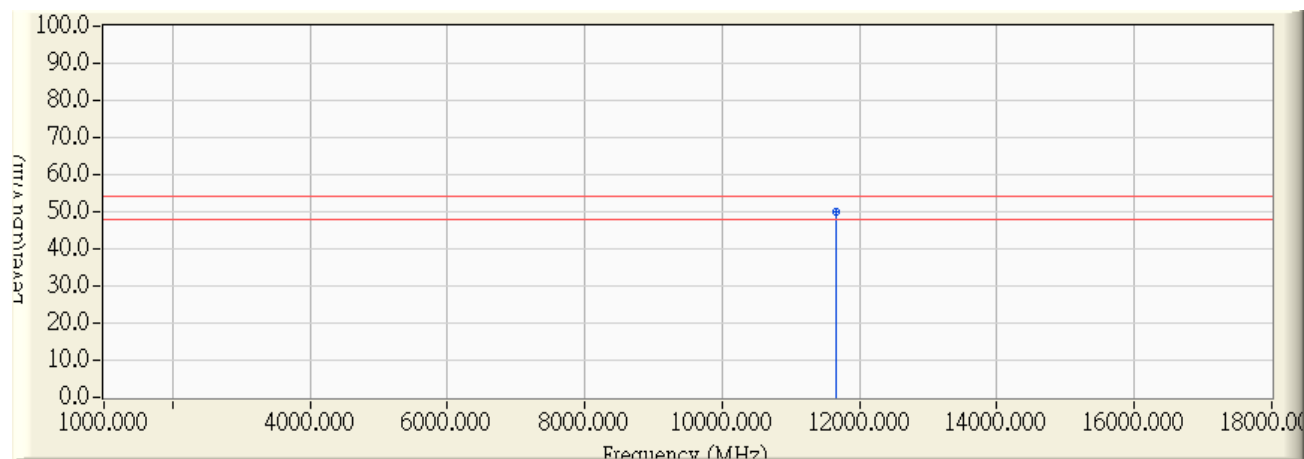


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5775.000           | 1.447                  | 39.520                  | 40.967                    | -33.033        | 74.000            | PEAK          |
| 2 | * | 11649.000          | 10.510                 | 53.430                  | 63.940                    | -10.060        | 74.000            | PEAK          |
| 3 |   | 17471.000          | 15.494                 | 43.560                  | 59.053                    | -14.947        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 11:27                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5825MHz |

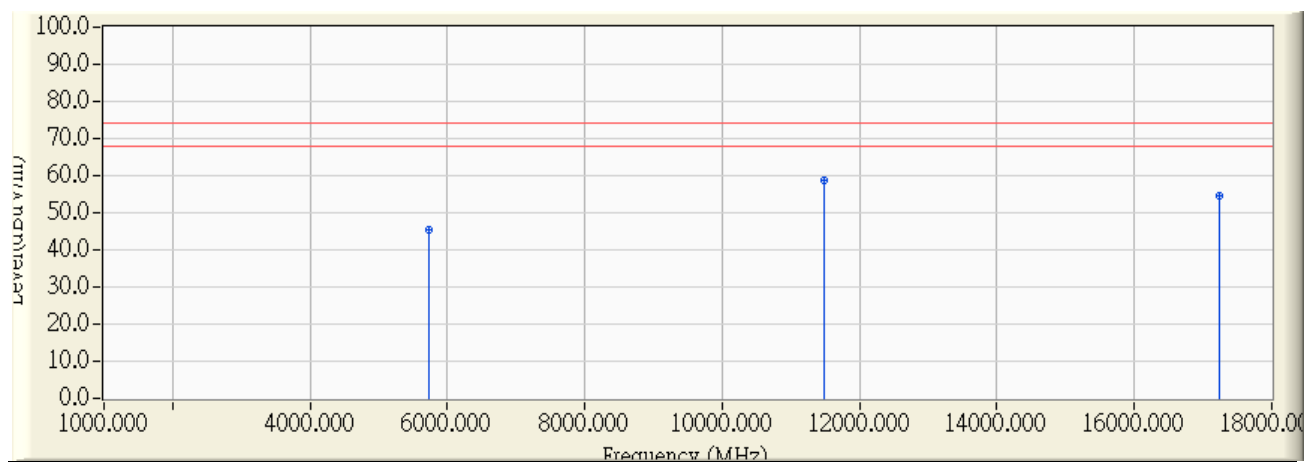


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11650.000          | 10.508                 | 39.650                  | 50.158                    | -3.842         | 54.000            | AVERAGE       |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 12:03                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5745MHz |

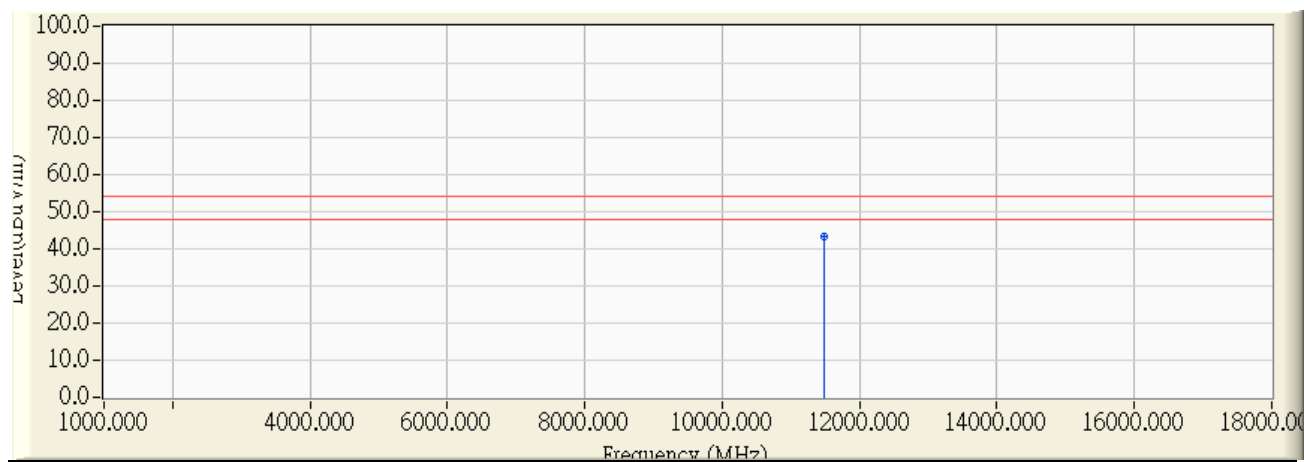


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5734.000           | 1.442                  | 43.860                  | 45.302                    | -28.698        | 74.000            | PEAK          |
| 2 | * | 11481.000          | 11.047                 | 47.530                  | 58.578                    | -15.422        | 74.000            | PEAK          |
| 3 |   | 17240.000          | 14.385                 | 40.300                  | 54.686                    | -19.314        | 74.000            | PEAK          |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 12:03                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5745MHz |

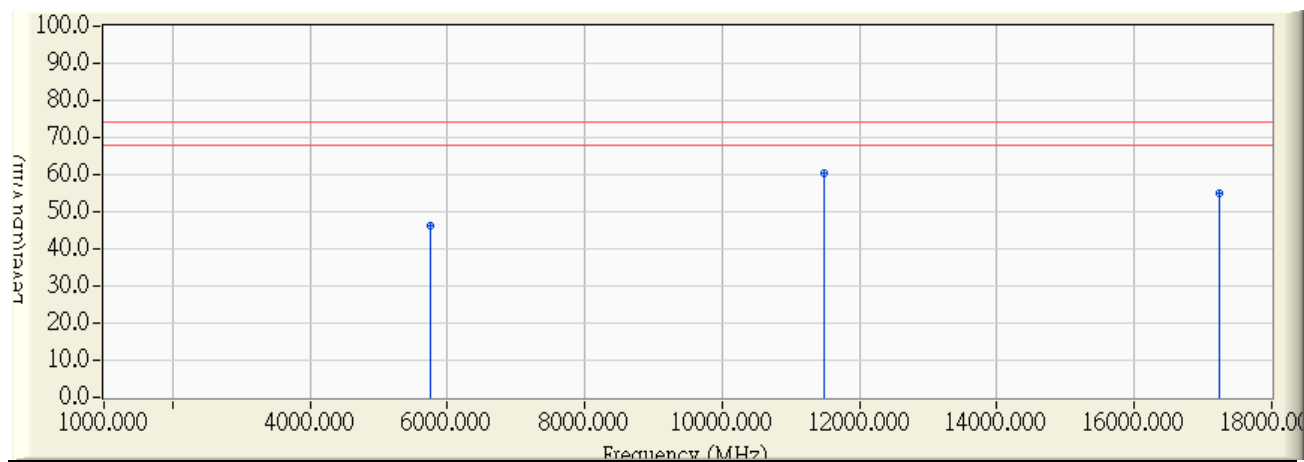


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11489.000          | 11.041                 | 32.420                  | 43.461                    | -10.539        | 54.000            | AVERAGE       |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 12:15                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5745MHz |

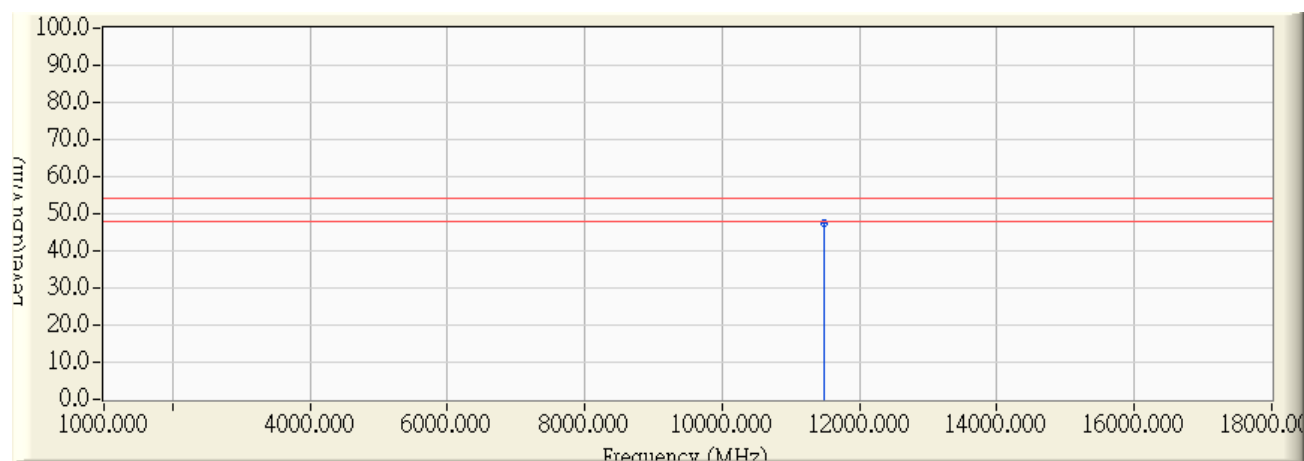


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5743.000           | 1.540                  | 44.780                  | 46.320                    | -27.680        | 74.000            | PEAK          |
| 2 | * | 11489.000          | 10.788                 | 49.760                  | 60.548                    | -13.452        | 74.000            | PEAK          |
| 3 |   | 17239.000          | 14.381                 | 40.800                  | 55.181                    | -18.819        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 12:15                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5745MHz |

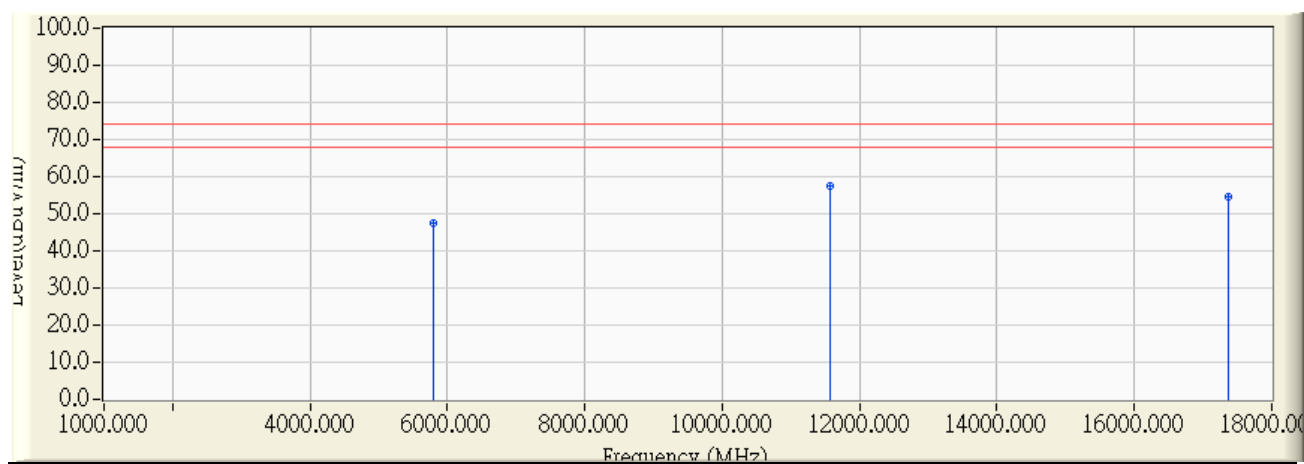


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11489.000          | 10.788                 | 36.670                  | 47.458                    | -6.542         | 54.000            | AVERAGE       |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:01                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1 FCC EFS 1-18G H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5785MHz |



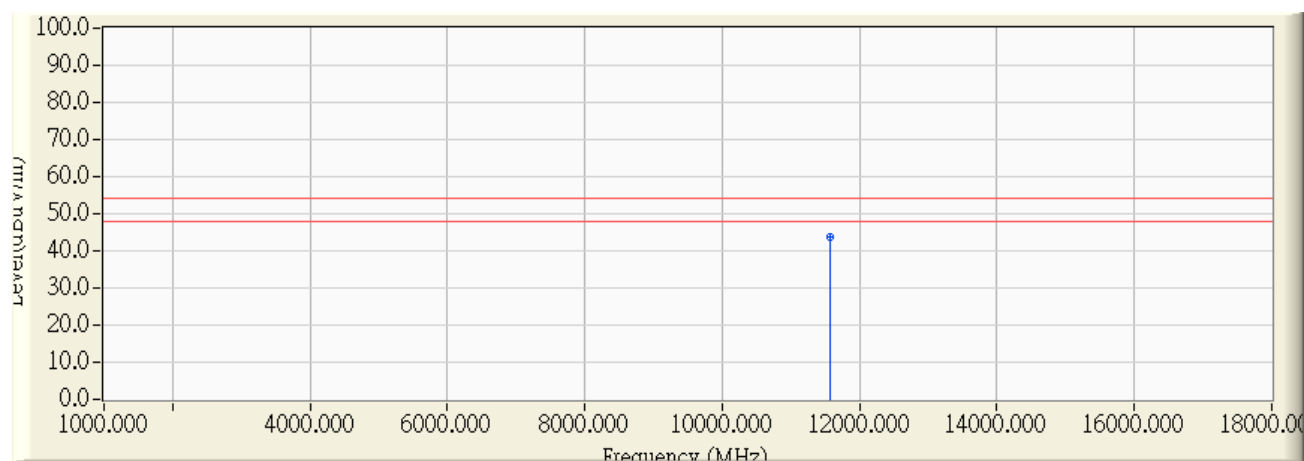
|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5785.000           | 1.319                  | 45.990                  | 47.309                    | -26.691        | 74.000            | PEAK          |
| 2 | * | 11579.000          | 10.929                 | 46.690                  | 57.619                    | -16.381        | 74.000            | PEAK          |
| 3 |   | 17360.000          | 14.961                 | 39.750                  | 54.711                    | -19.289        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:02                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5785MHz |

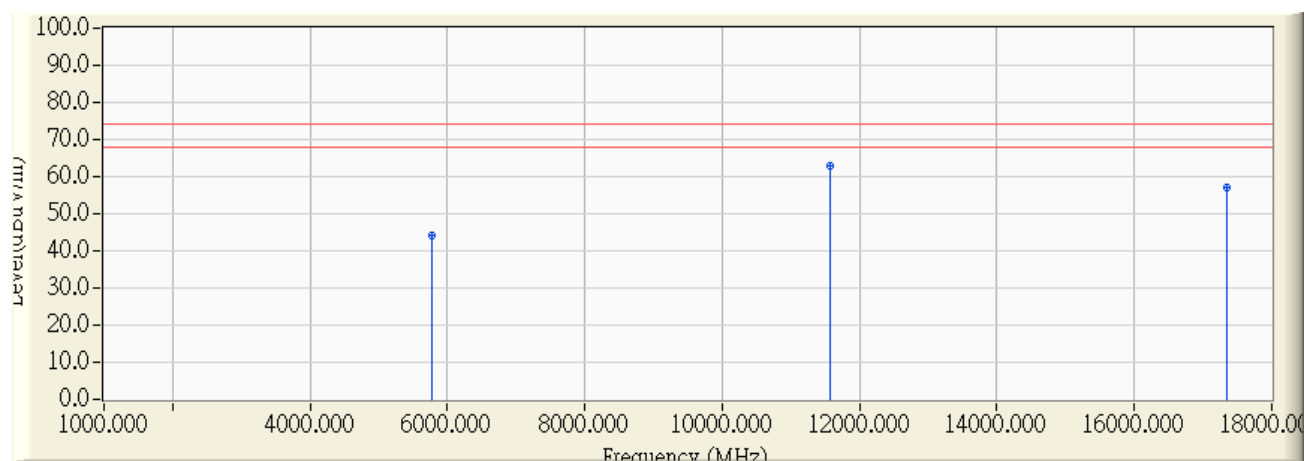


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11569.000          | 10.942                 | 32.830                  | 43.772                    | -10.228        | 54.000            | AVERAGE       |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 12:51                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5785MHz |

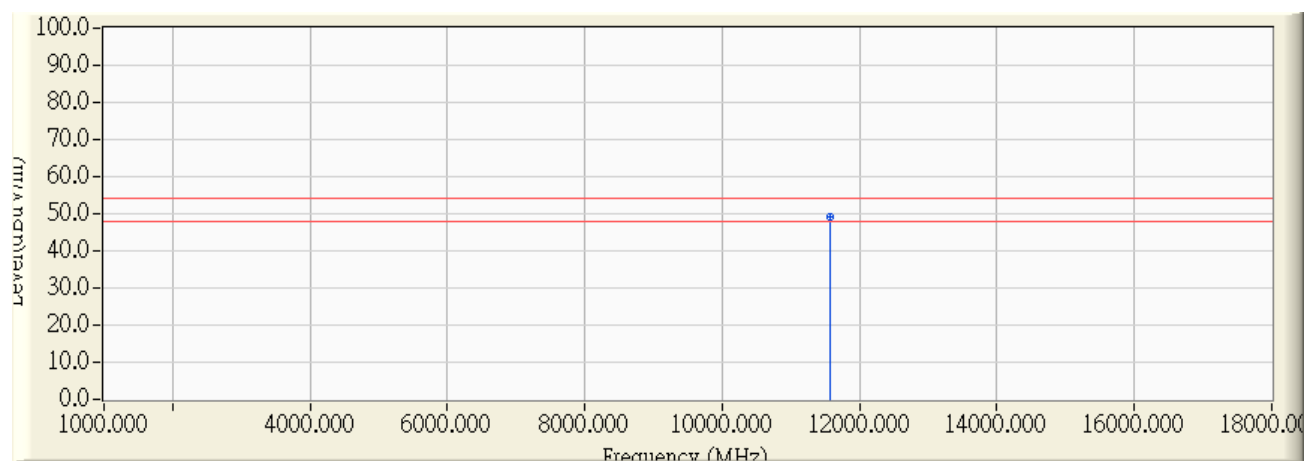


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5777.000           | 1.441                  | 42.680                  | 44.121                    | -29.879        | 74.000            | PEAK          |
| 2 | * | 11569.000          | 10.649                 | 52.400                  | 63.049                    | -10.951        | 74.000            | PEAK          |
| 3 |   | 17347.000          | 14.899                 | 42.000                  | 56.899                    | -17.101        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 12:51                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5785MHz |

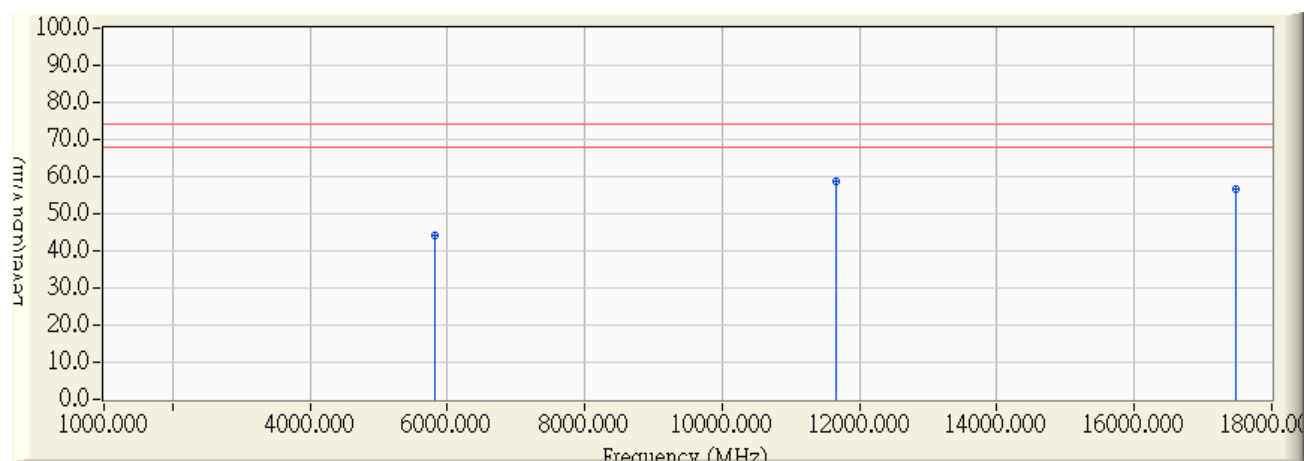


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11569.000          | 10.649                 | 38.530                  | 49.179                    | -4.821         | 54.000            | AVERAGE       |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:08                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5825MHz |

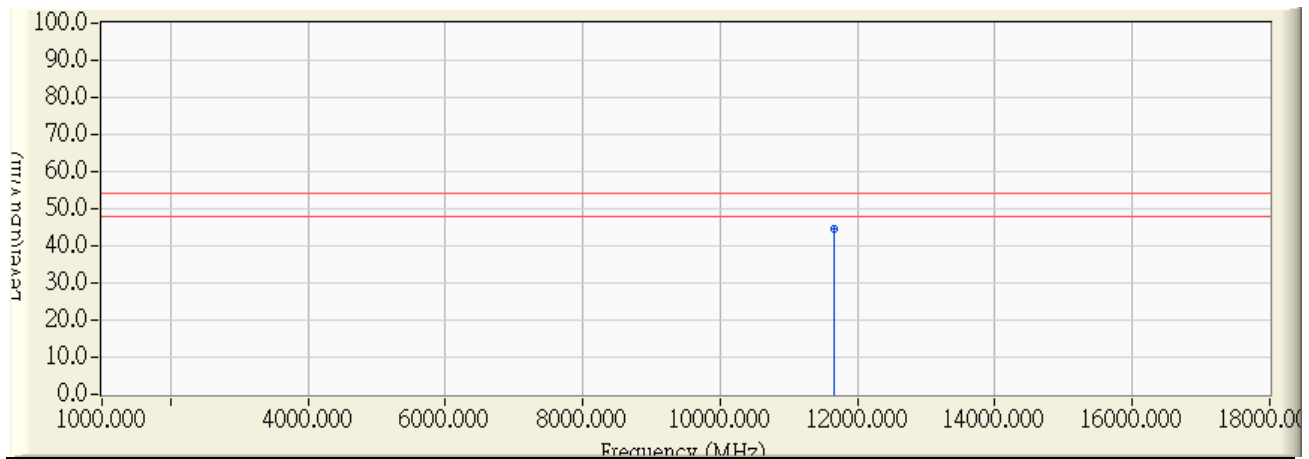


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5819.000           | 1.237                  | 42.780                  | 44.017                    | -29.983        | 74.000            | PEAK          |
| 2 | * | 11648.000          | 10.844                 | 47.800                  | 58.644                    | -15.356        | 74.000            | PEAK          |
| 3 |   | 17476.000          | 15.527                 | 41.040                  | 56.567                    | -17.433        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:09                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5825MHz |

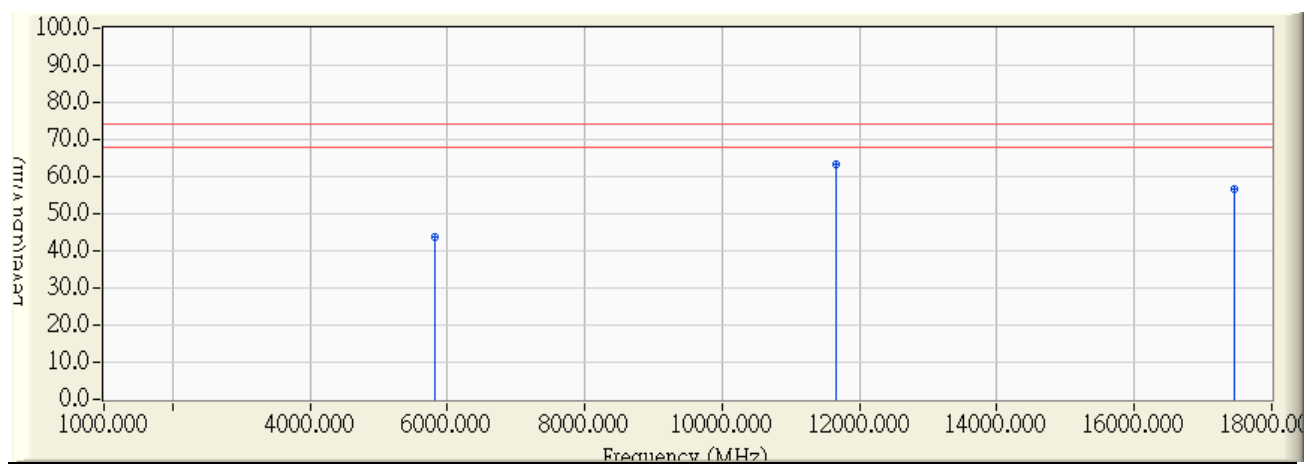


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11649.000          | 10.843                 | 33.850                  | 44.693                    | -9.307         | 54.000            | AVERAGE       |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:15                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5825MHz |

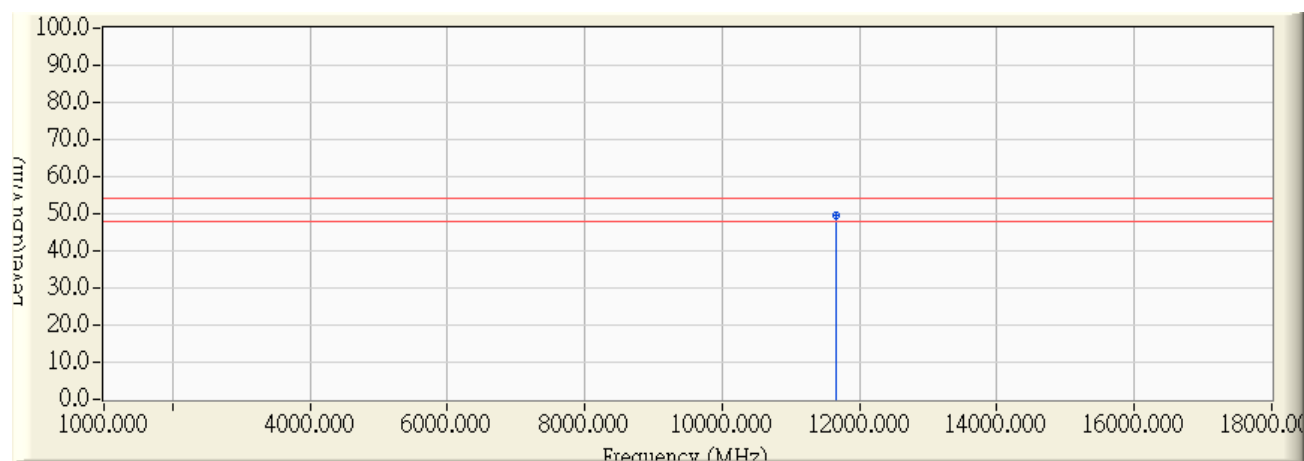


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5819.000           | 1.319                  | 42.470                  | 43.789                    | -30.211        | 74.000            | PEAK          |
| 2 | * | 11649.000          | 10.510                 | 52.700                  | 63.210                    | -10.790        | 74.000            | PEAK          |
| 3 |   | 17466.000          | 15.470                 | 41.050                  | 56.519                    | -17.481        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:16                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5825MHz |

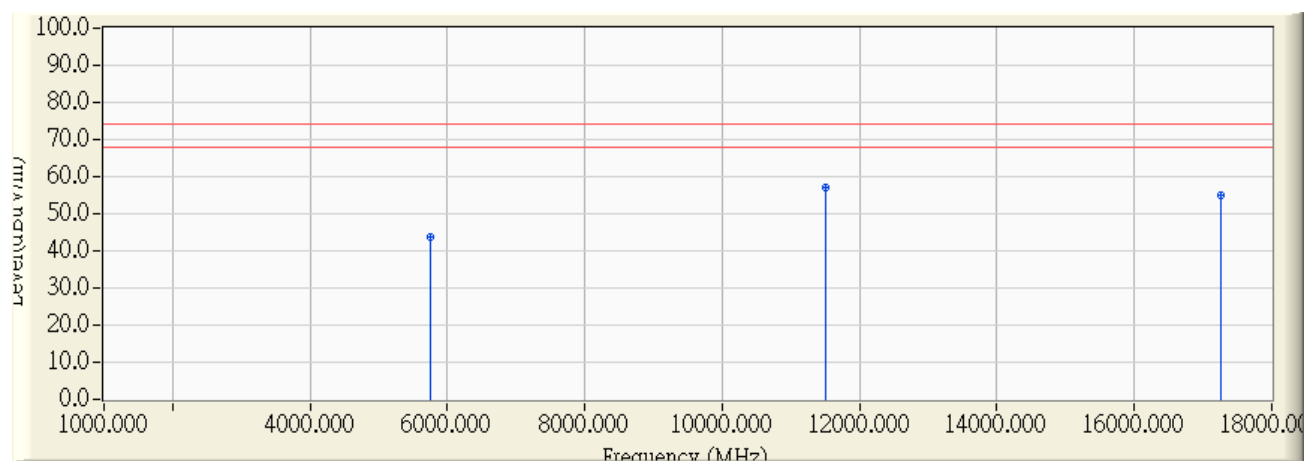


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11649.000          | 10.510                 | 39.210                  | 49.720                    | -4.280         | 54.000            | AVERAGE       |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:28                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1 FCC EFS 1-18G H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5755MHz |



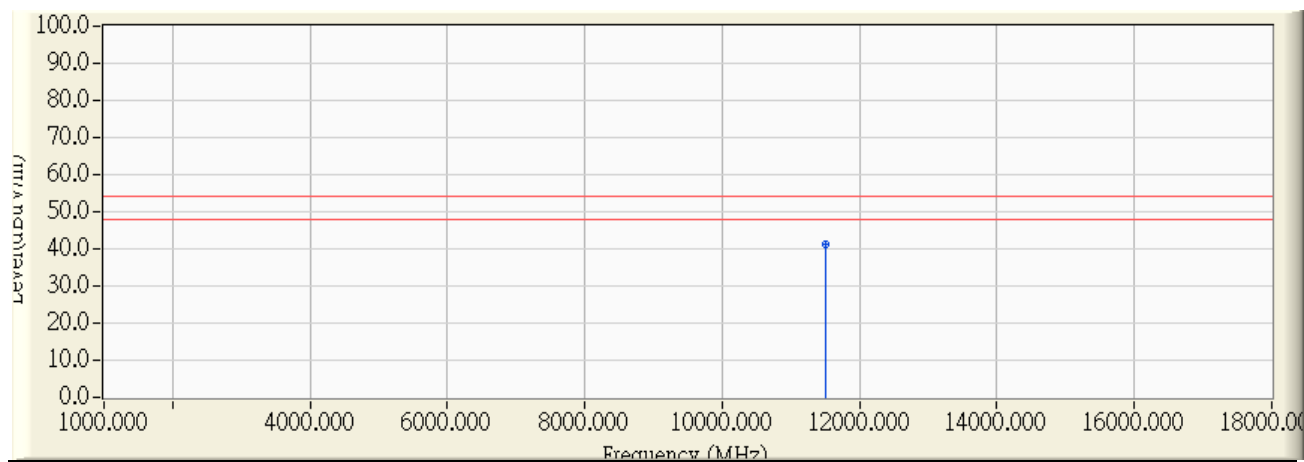
|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5760.000           | 1.379                  | 42.280                  | 43.659                    | -30.341        | 74.000            | PEAK          |
| 2 | * | 11507.000          | 11.018                 | 46.020                  | 57.038                    | -16.962        | 74.000            | PEAK          |
| 3 |   | 17260.000          | 14.481                 | 40.700                  | 55.181                    | -18.819        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:28                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5755MHz |

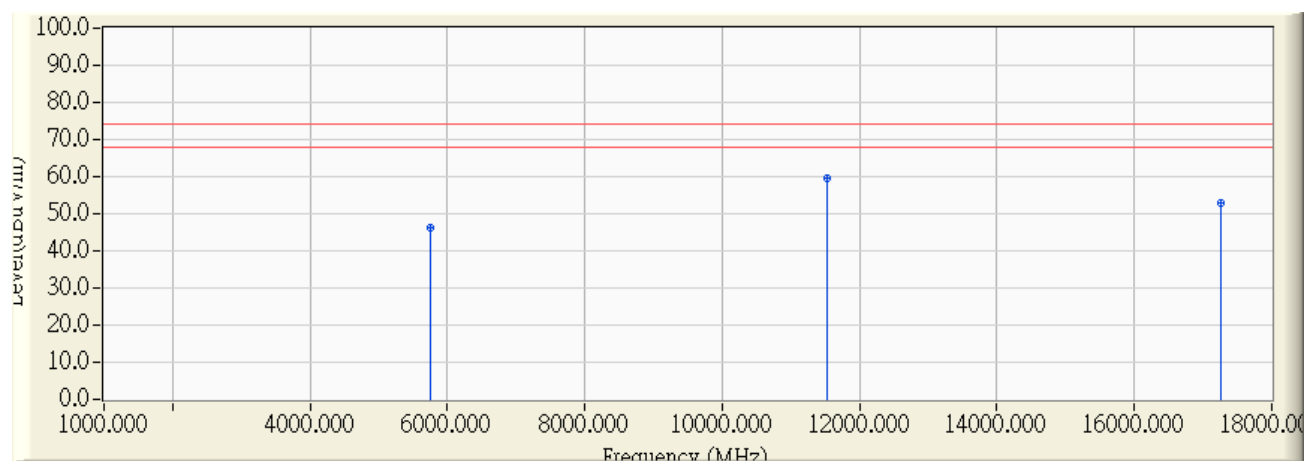


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11502.000          | 11.025                 | 30.220                  | 41.244                    | -12.756        | 54.000            | AVERAGE       |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:22                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5755MHz |

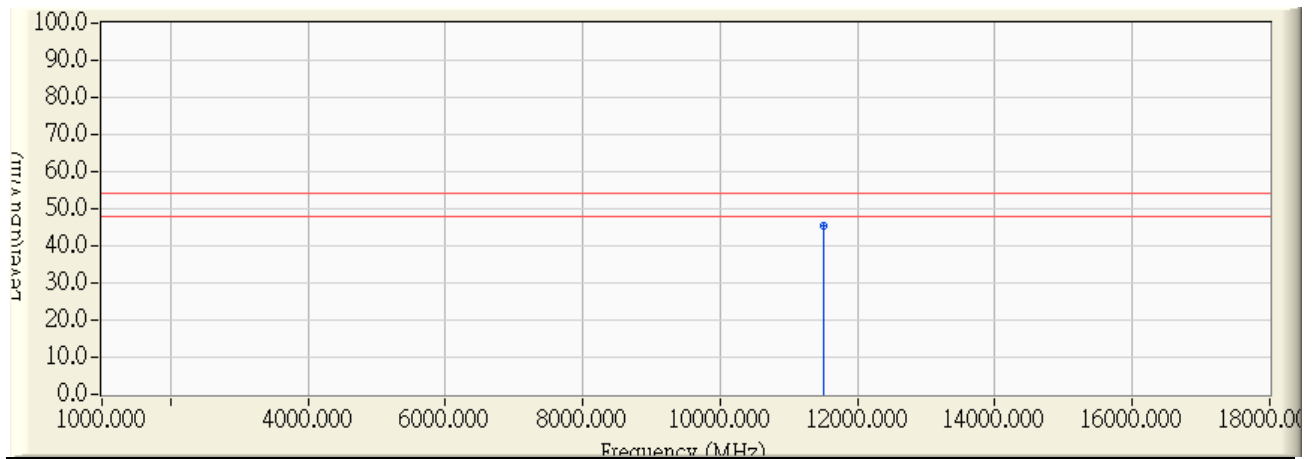


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5760.000           | 1.491                  | 44.940                  | 46.431                    | -27.569        | 74.000            | PEAK          |
| 2 | * | 11517.000          | 10.739                 | 49.030                  | 59.769                    | -14.231        | 74.000            | PEAK          |
| 3 |   | 17261.000          | 14.487                 | 38.450                  | 52.936                    | -21.064        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                                    |                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------|
| <b>Site : CB1</b>                                  | <b>Time : 2016/10/23 - 13:23</b>                                       |
| <b>Limit : FCC_SpartC_15.209_03M_AV</b>            | <b>Margin : 6</b>                                                      |
| <b>Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL</b>     | <b>Power : DC 5V (Power by Notebook PC)</b>                            |
| <b>EUT : Dual-band Wireless-AC1200 USB Adapter</b> | <b>Note : Mode 2: Transmit_CDD Mode</b><br><b>802.11n(40M)_5755MHz</b> |

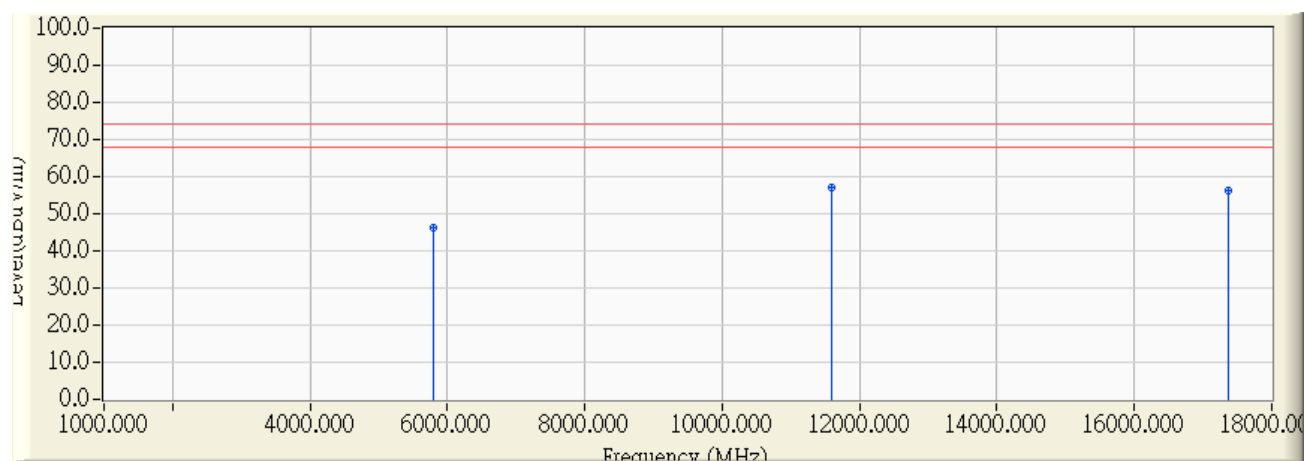


|   |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|---|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1 | * | 11510.000                  | 10.751                         | 34.800                          | 45.551                            | -8.449                 | 54.000                    | AVERAGE              |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:37                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1 FCC EFS 1-18G H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5795MHz |

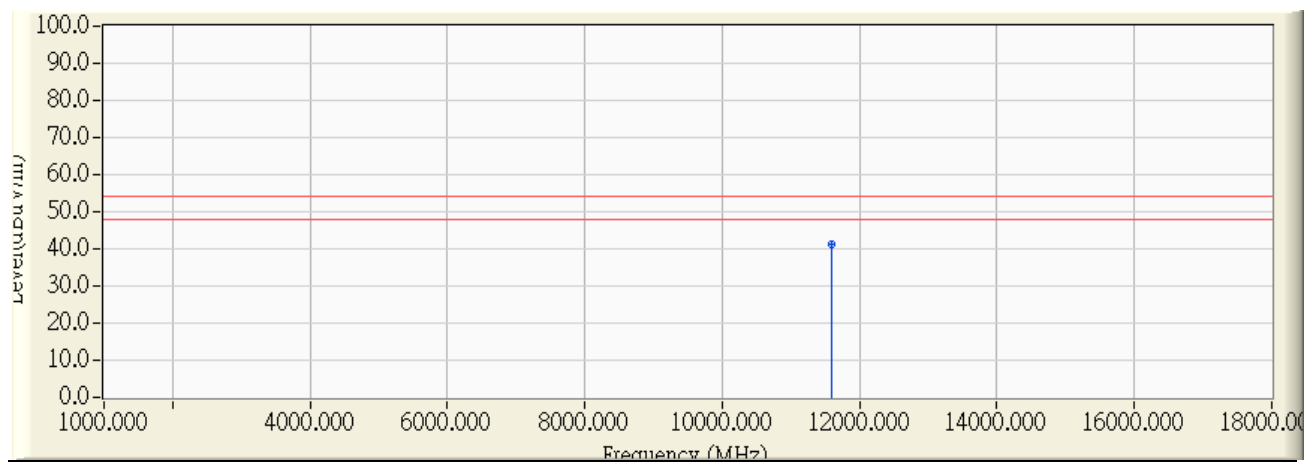


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5785.000           | 1.319                  | 44.880                  | 46.199                    | -27.801        | 74.000            | PEAK          |
| 2 | * | 11590.000          | 10.916                 | 46.020                  | 56.936                    | -17.064        | 74.000            | PEAK          |
| 3 |   | 17371.000          | 15.014                 | 41.410                  | 56.424                    | -17.576        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:34                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5795MHz |

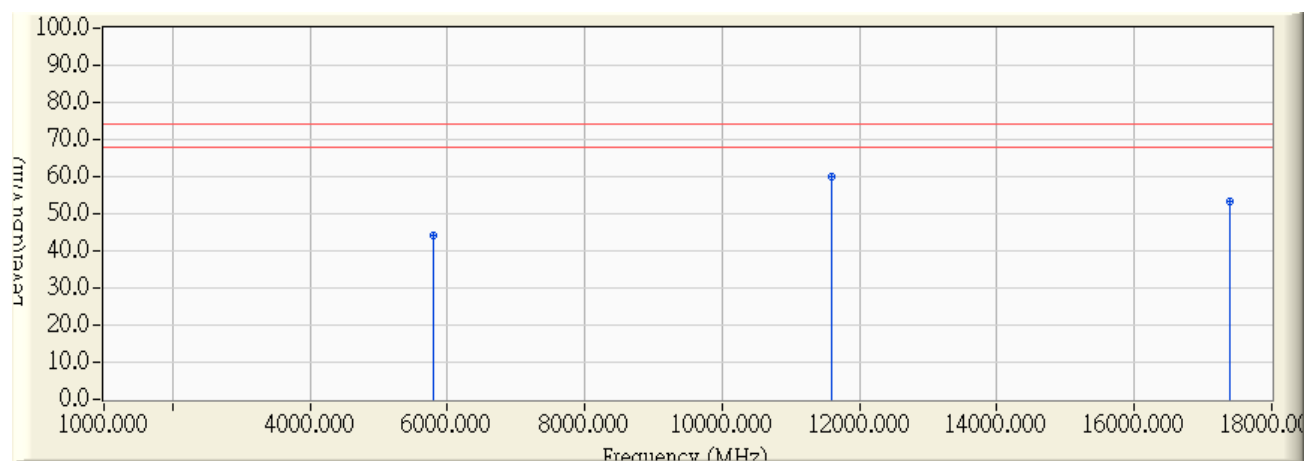


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11590.000          | 10.916                 | 30.300                  | 41.216                    | -12.784        | 54.000            | AVERAGE       |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:44                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5795MHz |

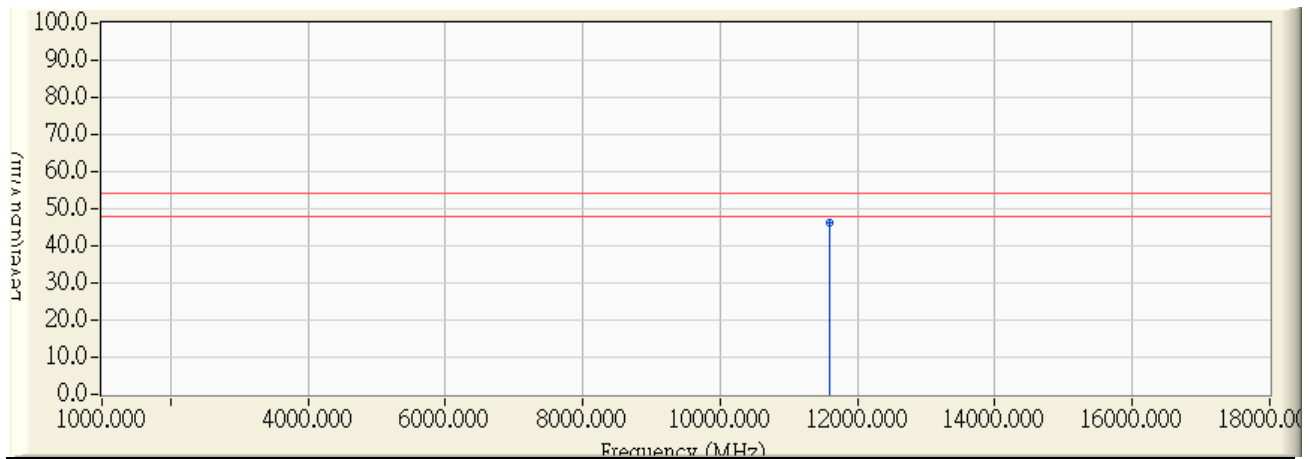


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5785.000           | 1.418                  | 42.850                  | 44.268                    | -29.732        | 74.000            | PEAK          |
| 2 | * | 11597.000          | 10.600                 | 49.590                  | 60.190                    | -13.810        | 74.000            | PEAK          |
| 3 |   | 17380.000          | 15.057                 | 38.450                  | 53.507                    | -20.493        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:47                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5795MHz |

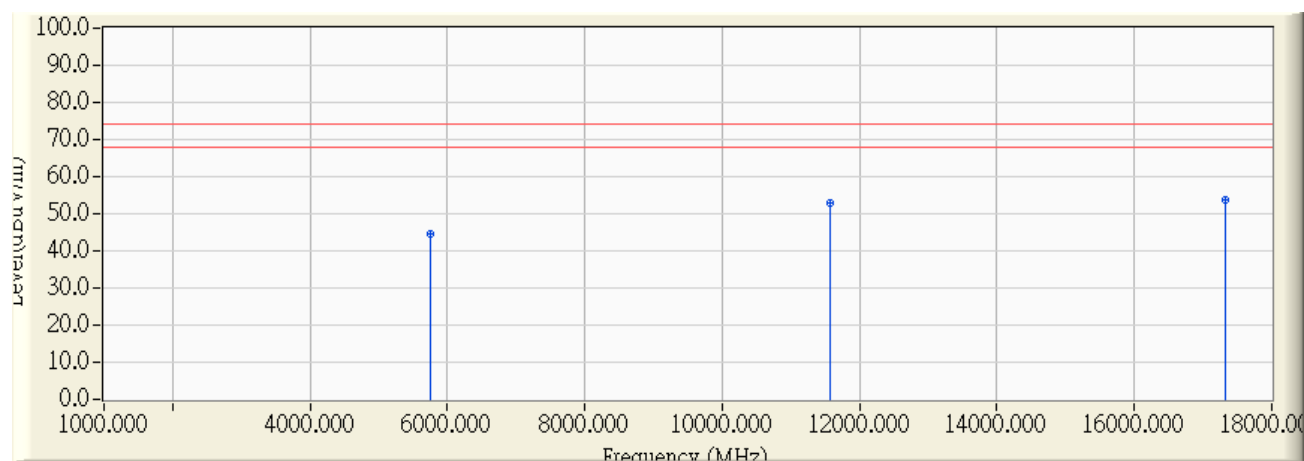


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11597.000          | 10.600                 | 35.630                  | 46.230                    | -7.770         | 54.000            | AVERAGE       |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:59                                 |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                                |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                      |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5775MHz |



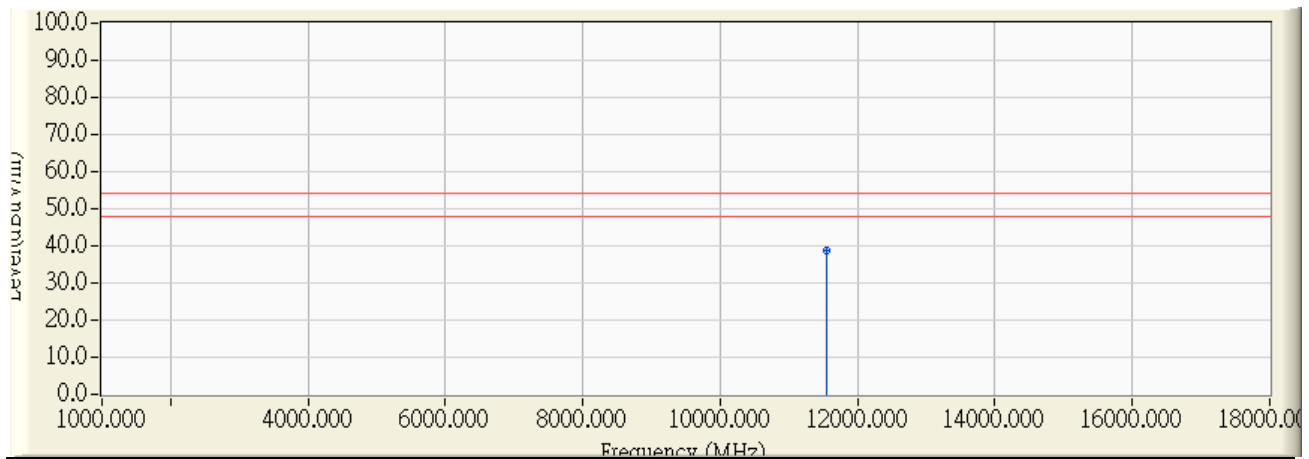
|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5760.000           | 1.379                  | 43.030                  | 44.409                    | -29.591        | 74.000            | PEAK          |
| 2 |   | 11566.000          | 10.944                 | 41.830                  | 52.775                    | -21.225        | 74.000            | PEAK          |
| 3 | * | 17321.000          | 14.774                 | 39.090                  | 53.864                    | -20.136        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:59                                 |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                                |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                      |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5775MHz |

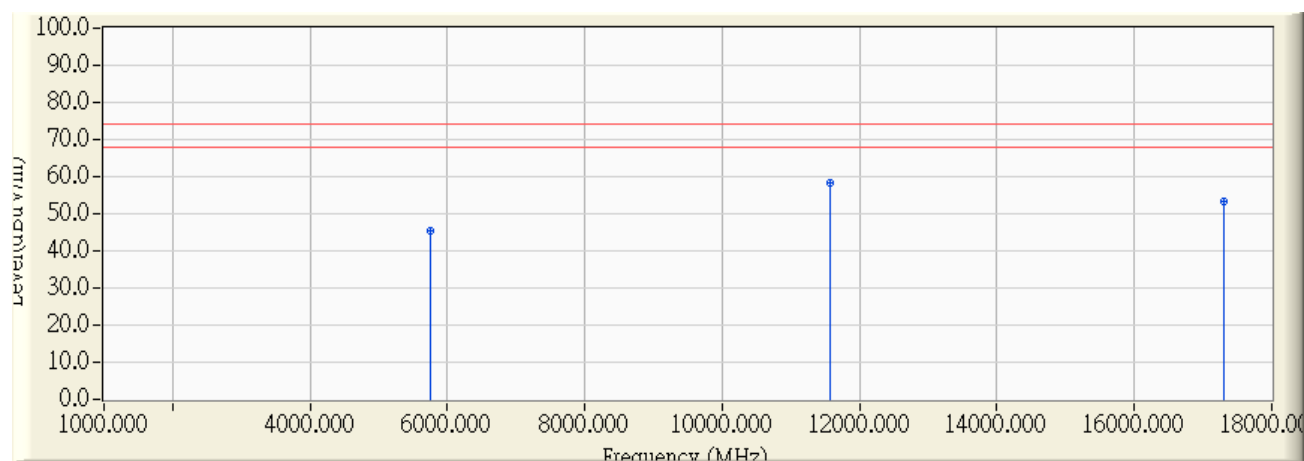


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11550.000          | 10.966                 | 27.860                  | 38.825                    | -15.175        | 54.000            | AVERAGE       |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:53                                 |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                                |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                      |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5775MHz |

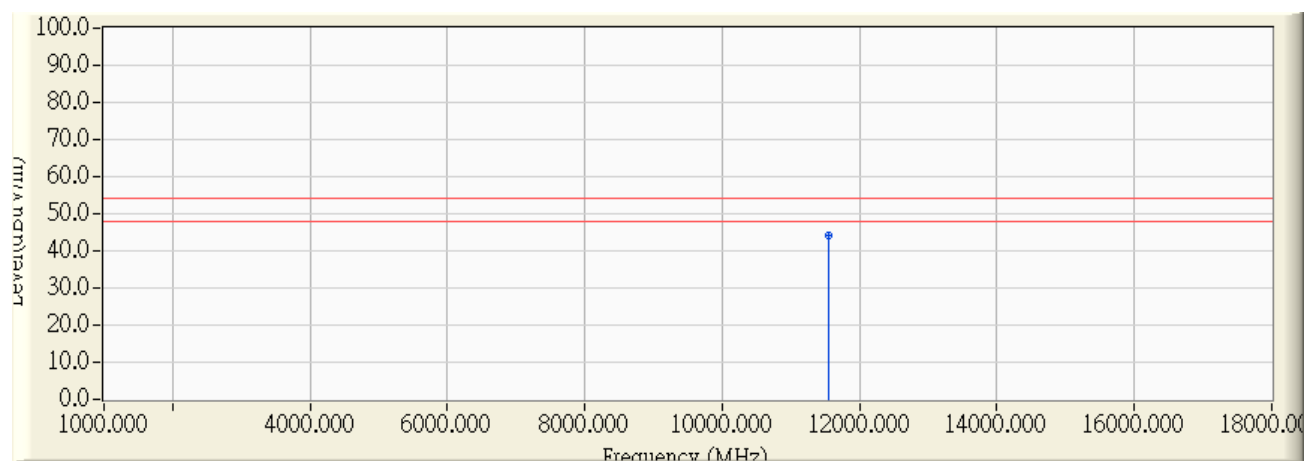


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5760.000           | 1.491                  | 43.740                  | 45.231                    | -28.769        | 74.000            | PEAK          |
| 2 | * | 11566.000          | 10.653                 | 47.840                  | 58.494                    | -15.506        | 74.000            | PEAK          |
| 3 |   | 17312.000          | 14.731                 | 38.510                  | 53.241                    | -20.759        | 74.000            | PEAK          |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/10/23 - 13:54                                 |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                                |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                      |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5775MHz |



|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 11550.000          | 10.682                 | 33.460                  | 44.142                    | -9.858         | 54.000            | AVERAGE       |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. " # ", means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

## 7. Band Edge

### 7.1. Test Equipment

The following test equipments are used during the band edge tests:

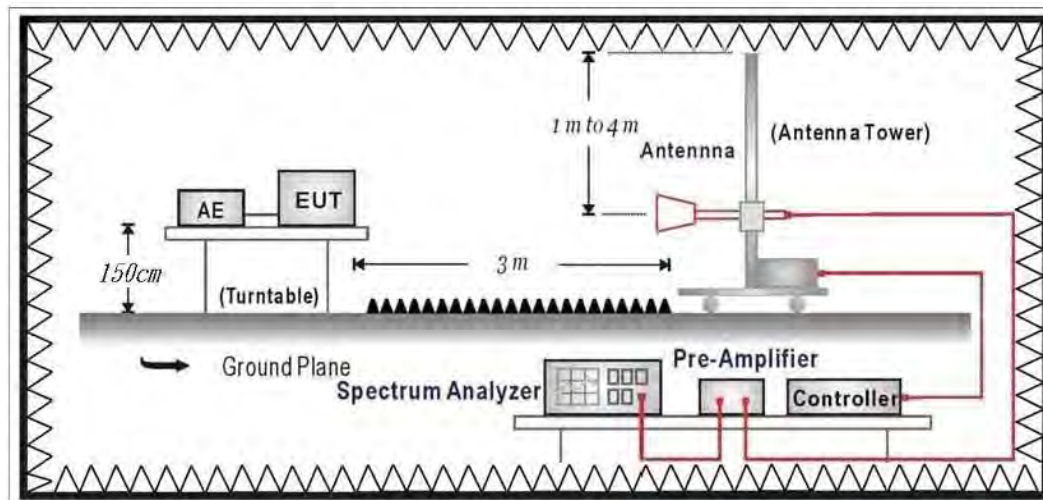
Band Edge / CB1

| Instrument                       | Manufacturer | Model No.  | Serial No   | Next Cal. Date |
|----------------------------------|--------------|------------|-------------|----------------|
| Double Ridged Guide Horn Antenna | Schwarzbeck  | BBHA 9120  | D743        | 2017/01/14     |
| Spectrum Analyzer                | Agilent      | E4440A     | MY46187335  | 2016/12/24     |
| k Type Cable                     | Huber+Suhner | SF 102     | 25623/2     | 2017/01/11     |
| Pre-Amplifier                    | QuieTek      | AP-025C    | CHM-0706049 | 2017/01/03     |
| Pre-Amplifier                    | EMCI         | EMC0031835 | 980233      | 2017/01/26     |

Note: All equipments that need to calibrate are with calibration period of 1 year.

### 7.2. Test Setup

RF Radiated Measurement:



### 7.3. Limits

#### ➤ General Radiated Emission Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section. Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

| <b>FCC Part 15 Subpart C Paragraph 15.209 Limits</b> |          |           |
|------------------------------------------------------|----------|-----------|
| Frequency<br>MHz                                     | uV/m @3m | dBuV/m@3m |
| 30-88                                                | 100      | 40        |
| 88-216                                               | 150      | 43.5      |
| 216-960                                              | 200      | 46        |
| Above 960                                            | 500      | 54        |

Remark:

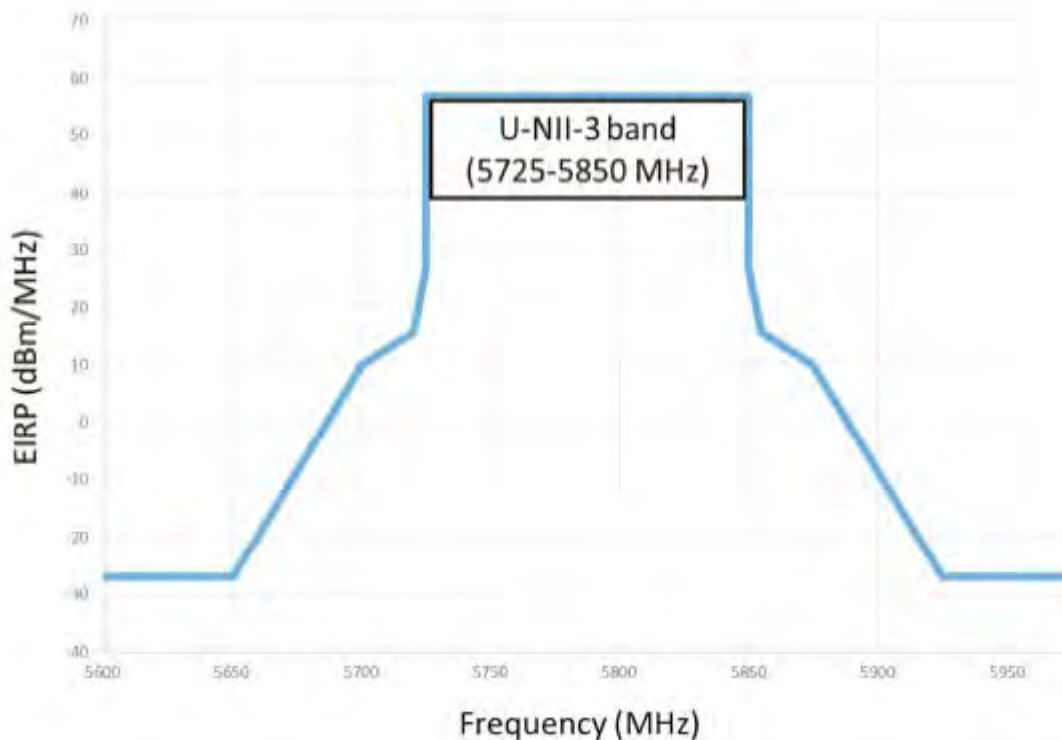
1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

#### ➤ Unwanted Emission out of the restricted bands Limits

| <b>FCC Part 15 Subpart E Paragraph 15.407(b) Limits</b> |                     |                                          |
|---------------------------------------------------------|---------------------|------------------------------------------|
| Frequency<br>(MHz)                                      | EIRP Limit<br>(dBm) | Equivalent Field Strength<br>(dBuV/m@3m) |
| 5150~5250                                               | -27                 | 68.3                                     |
| 5250~5350                                               | -27                 | 68.3                                     |
| 5470~5725                                               | -27                 | 68.3                                     |
| 5725~5850                                               | -27 (Note1)         | 68.3                                     |
|                                                         | -17 (Note2)         | 78.3                                     |

4. For transmitters operating in the 5.725-5.85 GHz band

- (i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.
- (ii) Devices certified before March 2, 2017 with antenna gain greater than 10 dBi may demonstrate compliance with the emission limits in Section 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease by March 2, 2018. Devices certified before March 2, 2018 with antenna gain of 10 dBi or less may demonstrate compliance with the emission limits in Section 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease before March 2, 2020.



Remark:

1. For frequencies more than 10 MHz above or below the band edges.
2. For frequency range from the band edges to 10 MHz above or below the band edges.
3. 
$$\mu\text{V/m} = \frac{1000000 \sqrt{30 \times EIRP}}{3}$$
, RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

#### **7.4. Test Procedure**

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

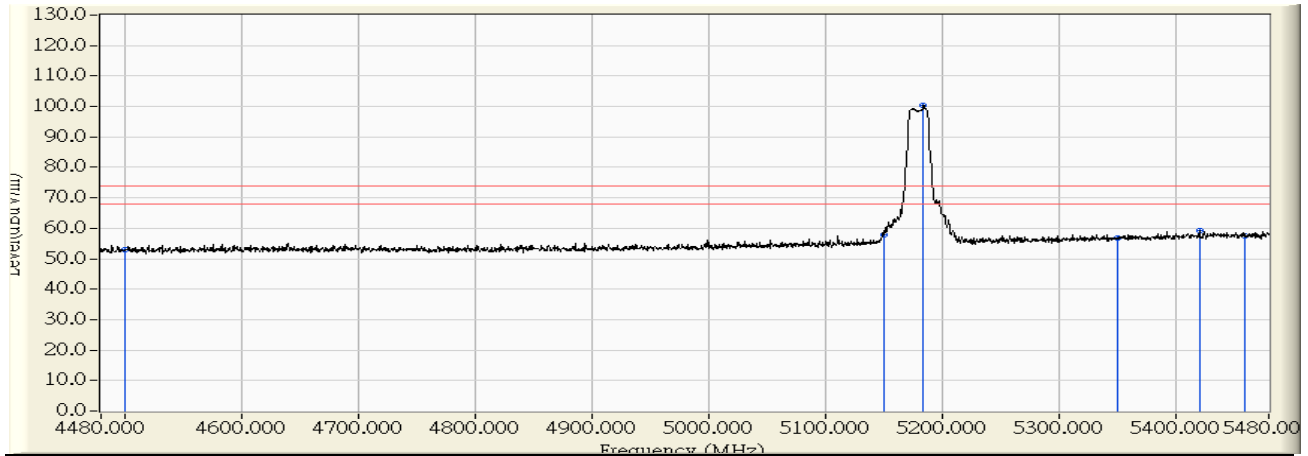
The bandwidth below 1GHz setting on the field strength meter is 120 KHz, above 1GHz are 1 MHz.

#### **7.5. Uncertainty**

The measurement uncertainty is defined as  $\pm 3.65\text{dB}$

## 7.6. Test Result

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 14:30                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5180MHz |



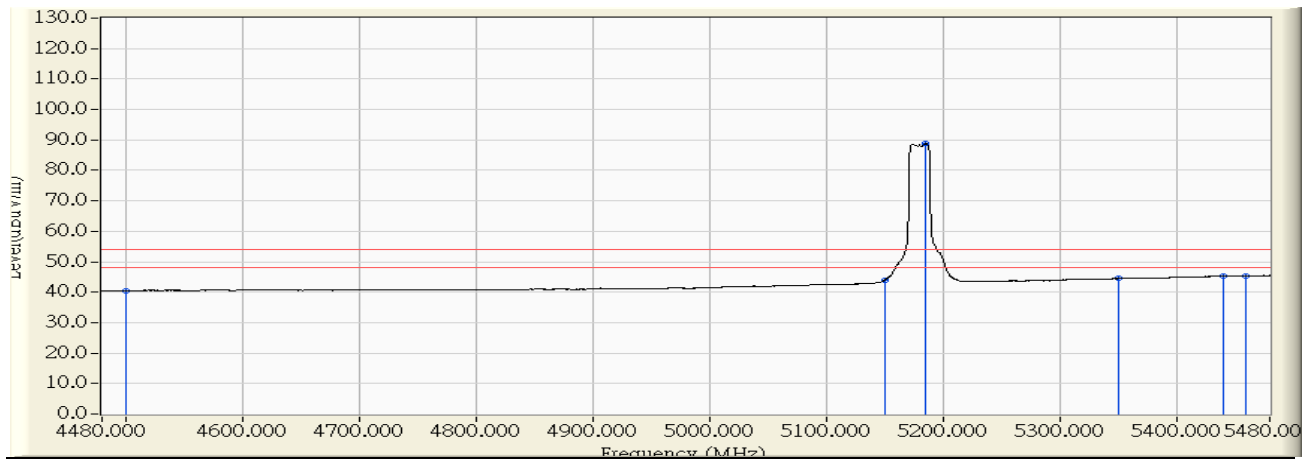
|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -3.428                 | 56.251                  | 52.823                    | -21.177        | 74.000            | PEAK          |
| 2 | 5150.000           | -0.737                 | 58.749                  | 58.011                    | -15.989        | 74.000            | PEAK          |
| 3 | * 5184.000         | -0.454                 | 100.718                 | 100.265                   | 26.265         | 74.000            | PEAK          |
| 4 | 5350.000           | 0.934                  | 55.914                  | 56.848                    | -17.152        | 74.000            | PEAK          |
| 5 | 5420.500           | 1.523                  | 57.893                  | 59.416                    | -14.584        | 74.000            | PEAK          |
| 6 | 5460.000           | 1.853                  | 55.572                  | 57.425                    | -16.575        | 74.000            | PEAK          |

### Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                                    |                                                                    |
|----------------------------------------------------|--------------------------------------------------------------------|
| <b>Site : CB1</b>                                  | <b>Time : 2016/11/20 - 14:31</b>                                   |
| <b>Limit : FCC_SpartC_15.209_03M_AV</b>            | <b>Margin : 6</b>                                                  |
| <b>Probe : CB1 FCC EFS 1-18G H2 - HORIZONTAL</b>   | <b>Power : DC 5V (Power by Notebook PC)</b>                        |
| <b>EUT : Dual-band Wireless-AC1200 USB Adapter</b> | <b>Note : Mode 1: Transmit_SISO Mode</b><br><b>802.11a_5180MHz</b> |

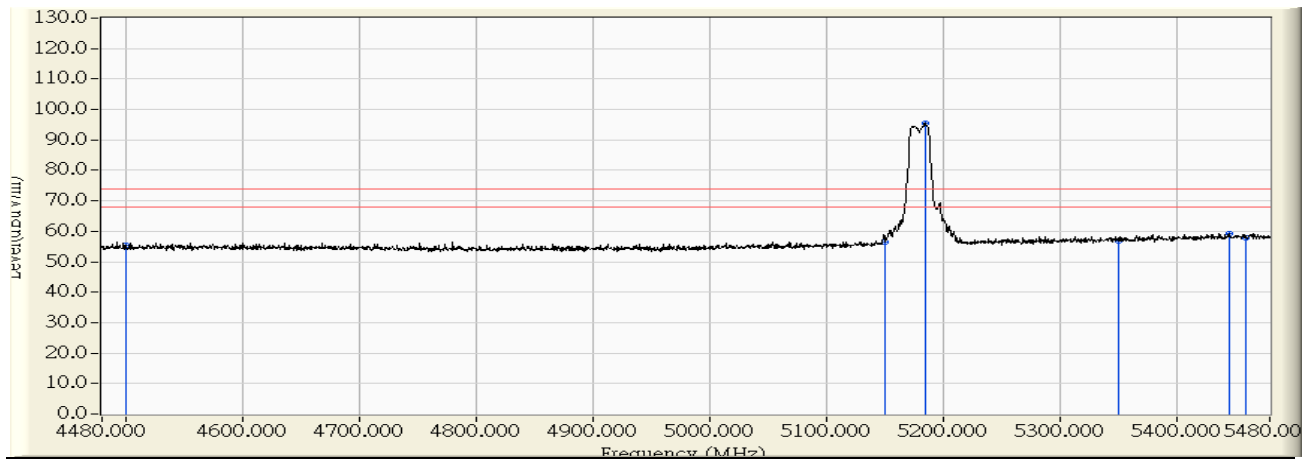


|   |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|---|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1 |   | 4500.000                   | -3.428                         | 43.880                          | 40.452                            | -13.548                | 54.000                    | AVERAGE              |
| 2 |   | 5150.000                   | -0.737                         | 44.638                          | 43.900                            | -10.100                | 54.000                    | AVERAGE              |
| 3 | * | 5185.500                   | -0.440                         | 89.232                          | 88.791                            | 34.791                 | 54.000                    | AVERAGE              |
| 4 |   | 5350.000                   | 0.934                          | 43.592                          | 44.526                            | -9.474                 | 54.000                    | AVERAGE              |
| 5 |   | 5440.500                   | 1.689                          | 43.635                          | 45.325                            | -8.675                 | 54.000                    | AVERAGE              |
| 6 |   | 5460.000                   | 1.853                          | 43.530                          | 45.383                            | -8.617                 | 54.000                    | AVERAGE              |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 15:51                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5180MHz |

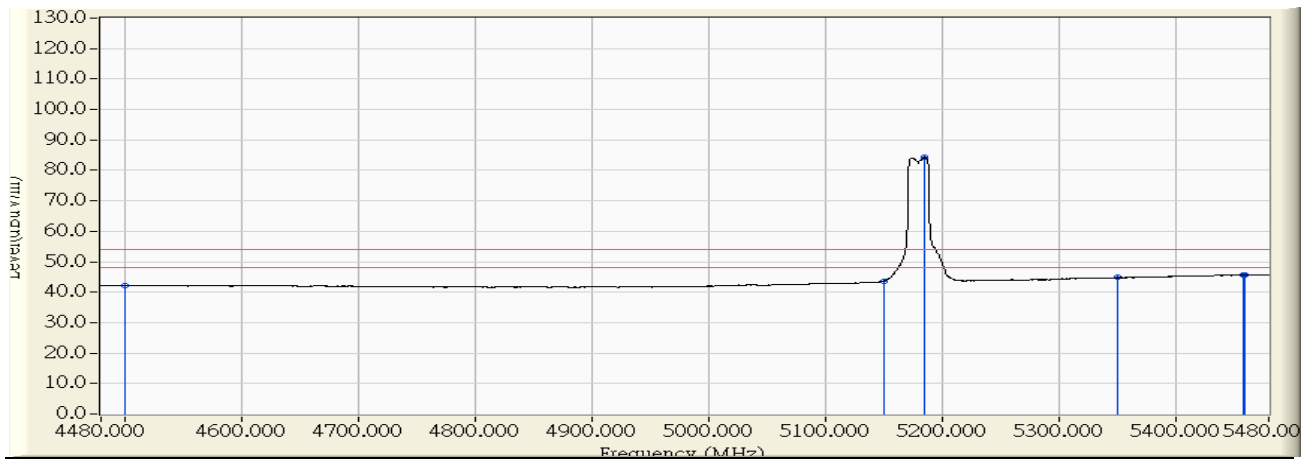


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -1.721                 | 57.158                  | 55.437                    | -18.563        | 74.000            | PEAK          |
| 2 | 5150.000           | -0.321                 | 56.635                  | 56.314                    | -17.686        | 74.000            | PEAK          |
| 3 | * 5184.500         | -0.050                 | 95.631                  | 95.581                    | 21.581         | 74.000            | PEAK          |
| 4 | 5350.000           | 1.250                  | 55.714                  | 56.964                    | -17.036        | 74.000            | PEAK          |
| 5 | 5446.000           | 2.004                  | 57.132                  | 59.136                    | -14.864        | 74.000            | PEAK          |
| 6 | 5460.000           | 2.114                  | 55.787                  | 57.901                    | -16.099        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 15:52                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| Probe : CB1 FCC EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5180MHz |

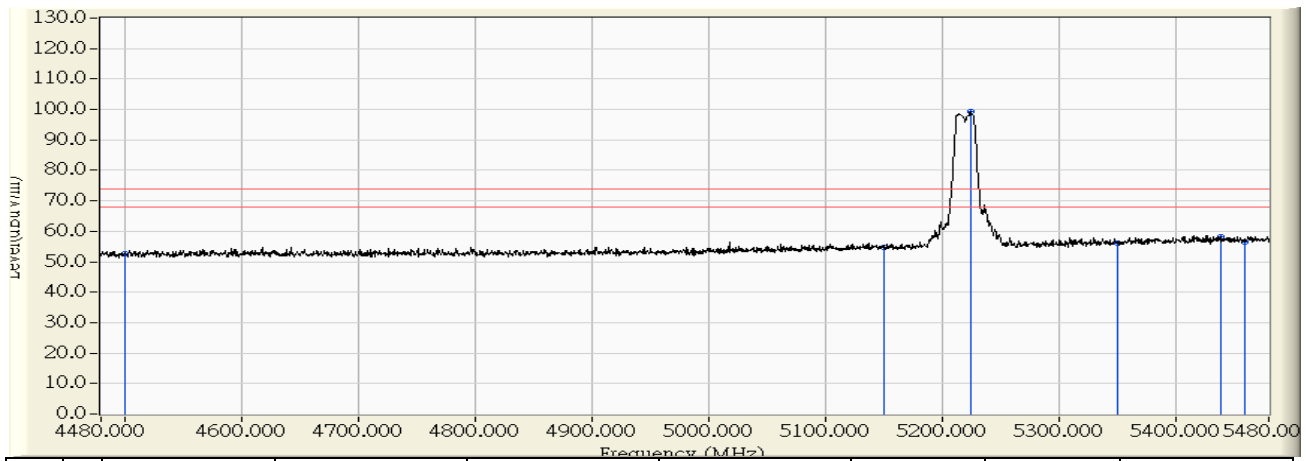


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -1.721                 | 43.836                  | 42.115                    | -11.885        | 54.000            | AVERAGE       |
| 2 | 5150.000           | -0.321                 | 44.031                  | 43.710                    | -10.290        | 54.000            | AVERAGE       |
| 3 | * 5185.500         | -0.041                 | 84.274                  | 84.232                    | 30.232         | 54.000            | AVERAGE       |
| 4 | 5350.000           | 1.250                  | 43.576                  | 44.826                    | -9.174         | 54.000            | AVERAGE       |
| 5 | 5458.500           | 2.102                  | 43.586                  | 45.689                    | -8.311         | 54.000            | AVERAGE       |
| 6 | 5460.000           | 2.114                  | 43.510                  | 45.624                    | -8.376         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 14:27                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5220MHz |

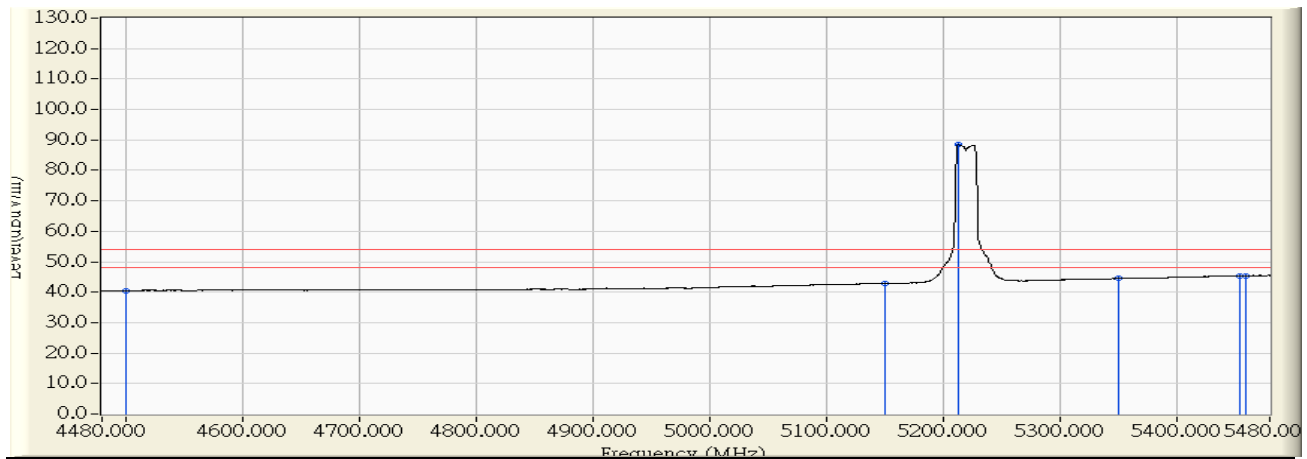


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 4500.000           | -3.428                 | 56.015                  | 52.587                    | -21.413        | 74.000            | PEAK          |
| 2 |   | 5150.000           | -0.737                 | 55.393                  | 54.655                    | -19.345        | 74.000            | PEAK          |
| 3 | * | 5224.500           | -0.114                 | 99.460                  | 99.345                    | 25.345         | 74.000            | PEAK          |
| 4 |   | 5350.000           | 0.934                  | 55.349                  | 56.283                    | -17.717        | 74.000            | PEAK          |
| 5 |   | 5438.500           | 1.673                  | 56.558                  | 58.231                    | -15.769        | 74.000            | PEAK          |
| 6 |   | 5460.000           | 1.853                  | 54.638                  | 56.491                    | -17.509        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 14:28                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5220MHz |

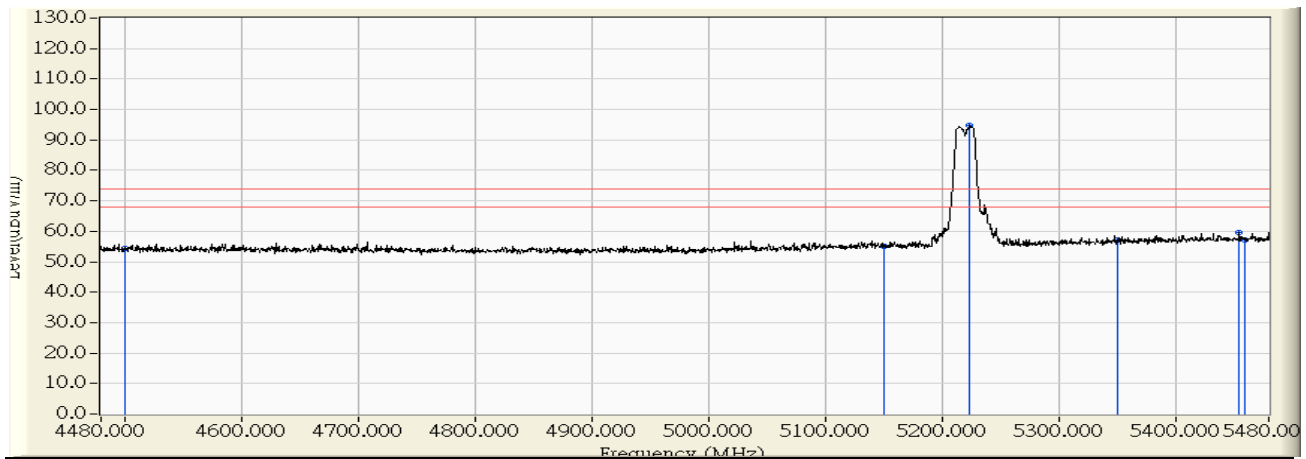


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -3.428                 | 43.799                  | 40.371                    | -13.629        | 54.000            | AVERAGE       |
| 2 | 5150.000           | -0.737                 | 43.597                  | 42.859                    | -11.141        | 54.000            | AVERAGE       |
| 3 | * 5213.500         | -0.207                 | 88.658                  | 88.451                    | 34.451         | 54.000            | AVERAGE       |
| 4 | 5350.000           | 0.934                  | 43.572                  | 44.506                    | -9.494         | 54.000            | AVERAGE       |
| 5 | 5454.500           | 1.808                  | 43.510                  | 45.317                    | -8.683         | 54.000            | AVERAGE       |
| 6 | 5460.000           | 1.853                  | 43.579                  | 45.432                    | -8.568         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 15:56                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5220MHz |

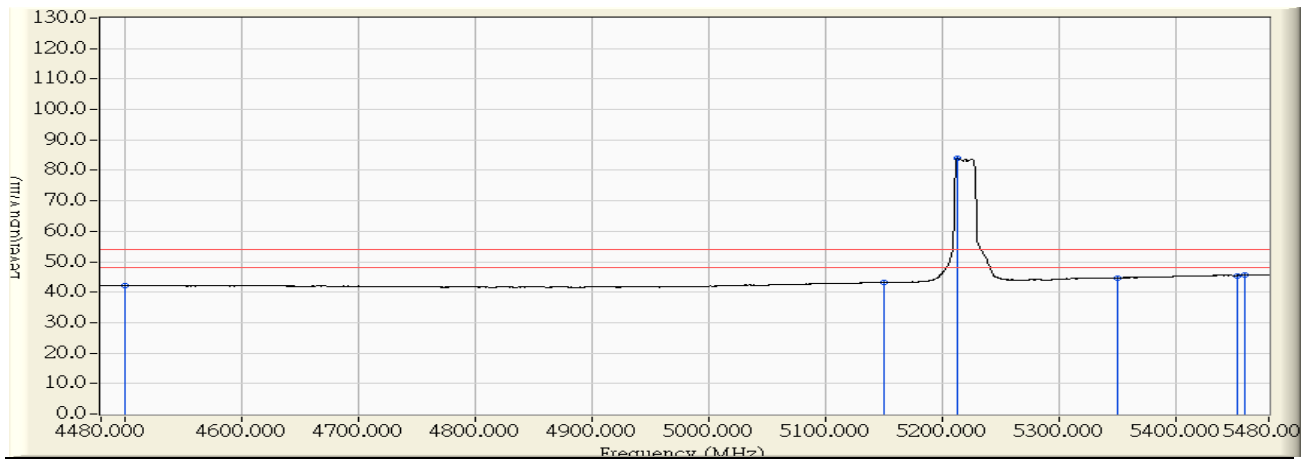


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -1.721                 | 56.156                  | 54.435                    | -19.565        | 74.000            | PEAK          |
| 2 | 5150.000           | -0.321                 | 55.418                  | 55.097                    | -18.903        | 74.000            | PEAK          |
| 3 | * 5224.000         | 0.261                  | 94.377                  | 94.637                    | 20.637         | 74.000            | PEAK          |
| 4 | 5350.000           | 1.250                  | 55.765                  | 57.015                    | -16.985        | 74.000            | PEAK          |
| 5 | 5454.500           | 2.072                  | 57.433                  | 59.504                    | -14.496        | 74.000            | PEAK          |
| 6 | 5460.000           | 2.114                  | 55.127                  | 57.241                    | -16.759        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 15:58                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5220MHz |

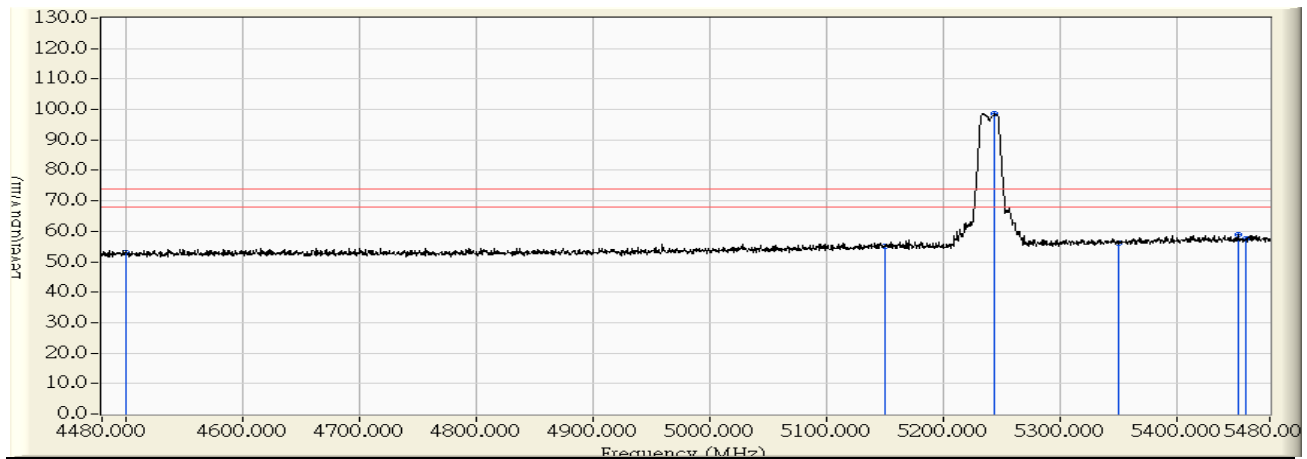


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -1.721                 | 43.730                  | 42.009                    | -11.991        | 54.000            | AVERAGE       |
| 2 | 5150.000           | -0.321                 | 43.511                  | 43.190                    | -10.810        | 54.000            | AVERAGE       |
| 3 | * 5213.500         | 0.178                  | 83.769                  | 83.947                    | 29.947         | 54.000            | AVERAGE       |
| 4 | 5350.000           | 1.250                  | 43.467                  | 44.717                    | -9.283         | 54.000            | AVERAGE       |
| 5 | 5452.500           | 2.055                  | 43.422                  | 45.477                    | -8.523         | 54.000            | PEAK          |
| 6 | 5460.000           | 2.114                  | 43.483                  | 45.597                    | -8.403         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 14:33                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5240MHz |



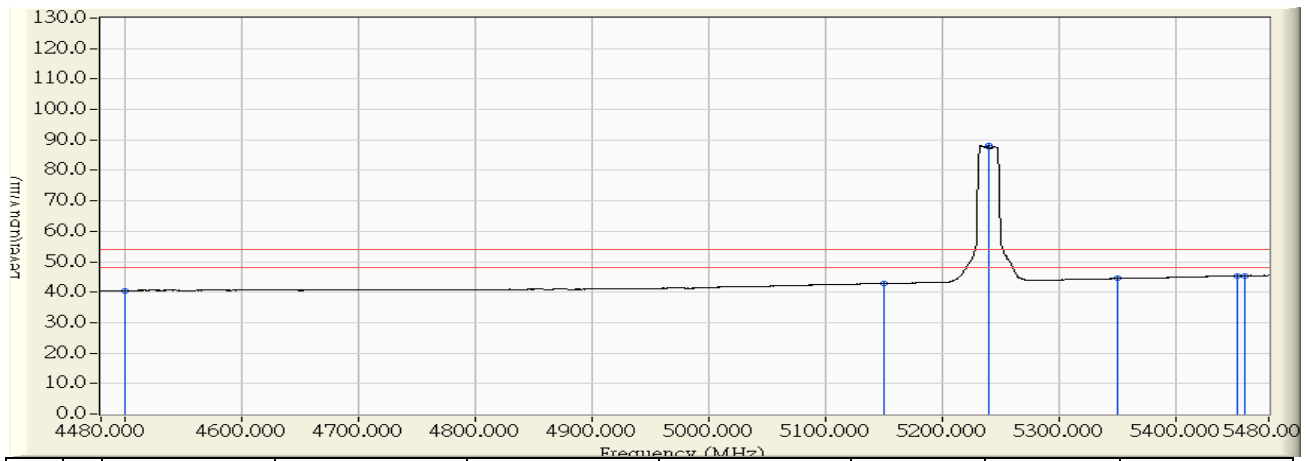
|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -3.428                 | 56.512                  | 53.084                    | -20.916        | 74.000            | PEAK          |
| 2 | 5150.000           | -0.737                 | 55.739                  | 55.001                    | -18.999        | 74.000            | PEAK          |
| 3 | * 5244.500         | 0.053                  | 98.715                  | 98.767                    | 24.767         | 74.000            | PEAK          |
| 4 | 5350.000           | 0.934                  | 55.252                  | 56.186                    | -17.814        | 74.000            | PEAK          |
| 5 | 5452.500           | 1.790                  | 57.212                  | 59.002                    | -14.998        | 74.000            | PEAK          |
| 6 | 5460.000           | 1.853                  | 55.592                  | 57.445                    | -16.555        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 14:34                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| Probe : CB1 FCC EFS 1-18G H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5240MHz |

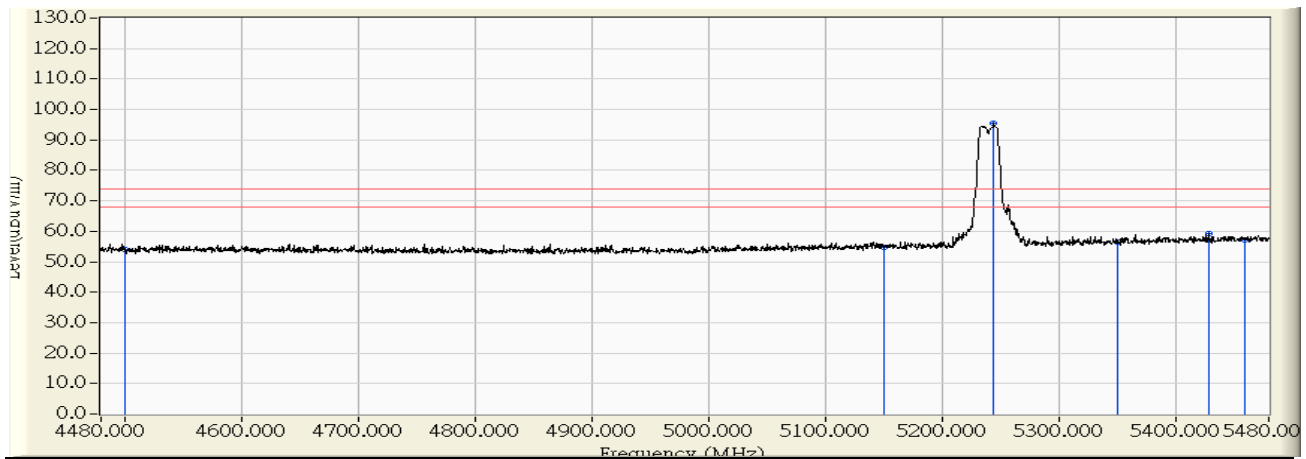


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -3.428                 | 43.886                  | 40.458                    | -13.542        | 54.000            | AVERAGE       |
| 2 | 5150.000           | -0.737                 | 43.562                  | 42.824                    | -11.176        | 54.000            | AVERAGE       |
| 3 | * 5240.000         | 0.015                  | 88.084                  | 88.099                    | 34.099         | 54.000            | AVERAGE       |
| 4 | 5350.000           | 0.934                  | 43.599                  | 44.533                    | -9.467         | 54.000            | AVERAGE       |
| 5 | 5453.500           | 1.798                  | 43.537                  | 45.336                    | -28.664        | 74.000            | AVERAGE       |
| 6 | 5460.000           | 1.853                  | 43.586                  | 45.439                    | -8.561         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                                    |                                                                    |
|----------------------------------------------------|--------------------------------------------------------------------|
| <b>Site : CB1</b>                                  | <b>Time : 2016/11/20 - 15:59</b>                                   |
| <b>Limit : FCC_SpartC_15.209_03M_PK</b>            | <b>Margin : 6</b>                                                  |
| <b>Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL</b>     | <b>Power : DC 5V (Power by Notebook PC)</b>                        |
| <b>EUT : Dual-band Wireless-AC1200 USB Adapter</b> | <b>Note : Mode 1: Transmit_SISO Mode</b><br><b>802.11a_5240MHz</b> |

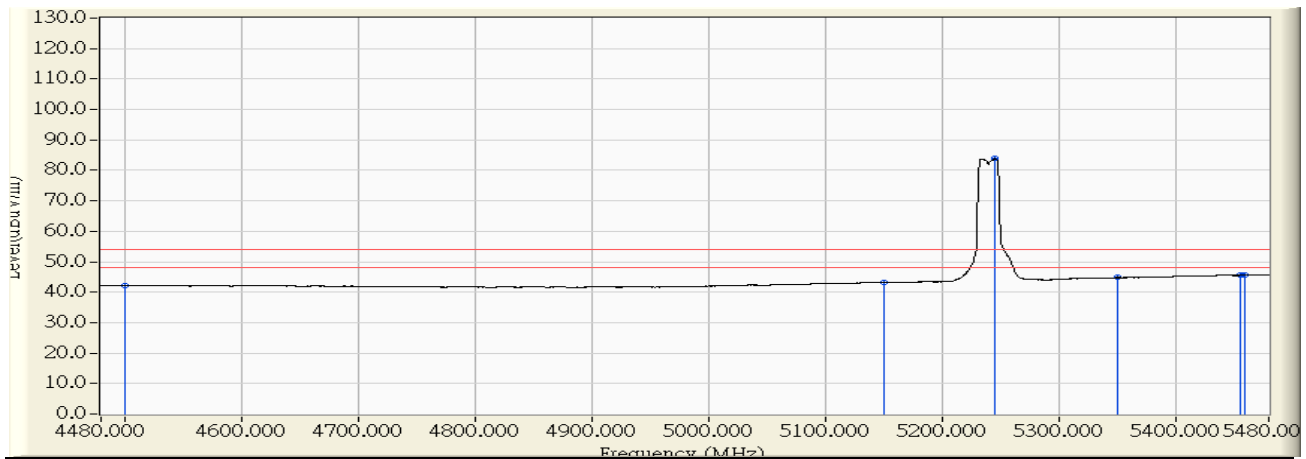


|   |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|---|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1 |   | 4500.000                   | -1.721                         | 55.632                          | 53.911                            | -20.089                | 74.000                    | PEAK                 |
| 2 |   | 5150.000                   | -0.321                         | 55.069                          | 54.748                            | -19.252                | 74.000                    | PEAK                 |
| 3 | * | 5244.500                   | 0.422                          | 94.945                          | 95.366                            | 21.366                 | 74.000                    | PEAK                 |
| 4 |   | 5350.000                   | 1.250                          | 55.083                          | 56.333                            | -17.667                | 74.000                    | PEAK                 |
| 5 |   | 5428.500                   | 1.867                          | 57.292                          | 59.159                            | -14.841                | 74.000                    | PEAK                 |
| 6 |   | 5460.000                   | 2.114                          | 55.189                          | 57.303                            | -16.697                | 74.000                    | PEAK                 |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 16:00                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                 |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5240MHz |



|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -1.721                 | 43.791                  | 42.070                    | -11.930        | 54.000            | AVERAGE       |
| 2 | 5150.000           | -0.321                 | 43.558                  | 43.237                    | -10.763        | 54.000            | AVERAGE       |
| 3 | * 5245.500         | 0.430                  | 83.427                  | 83.856                    | 29.856         | 54.000            | AVERAGE       |
| 4 | 5350.000           | 1.250                  | 43.545                  | 44.795                    | -9.205         | 54.000            | AVERAGE       |
| 5 | 5455.500           | 2.079                  | 43.500                  | 45.579                    | -8.421         | 54.000            | AVERAGE       |
| 6 | 5460.000           | 2.114                  | 43.458                  | 45.572                    | -8.428         | 54.000            | AVERAGE       |

**Note:**

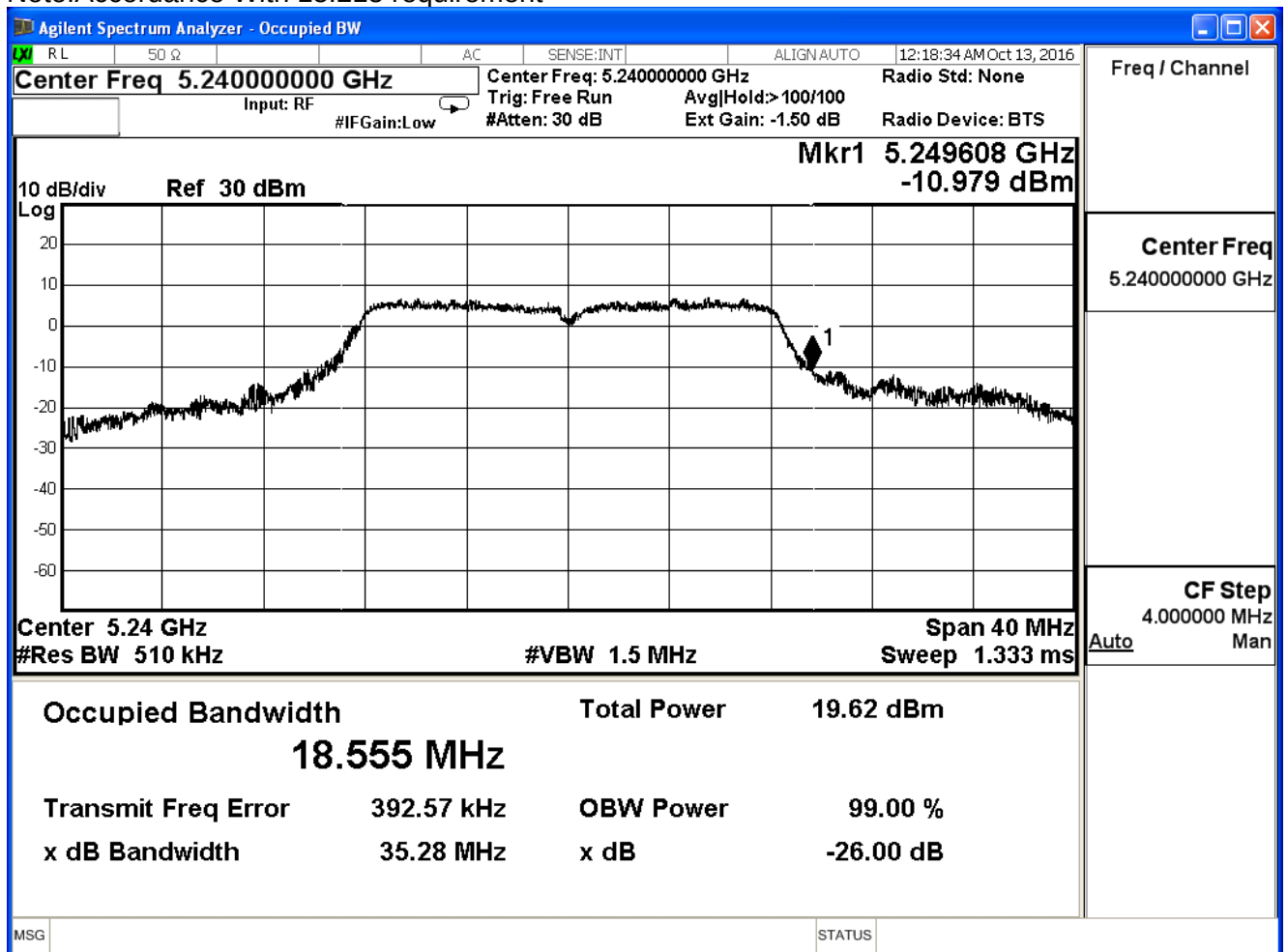
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Band edge Data                        |           |     |
| Test Mode    | Mode 1: Transmit_SISO Mode            |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

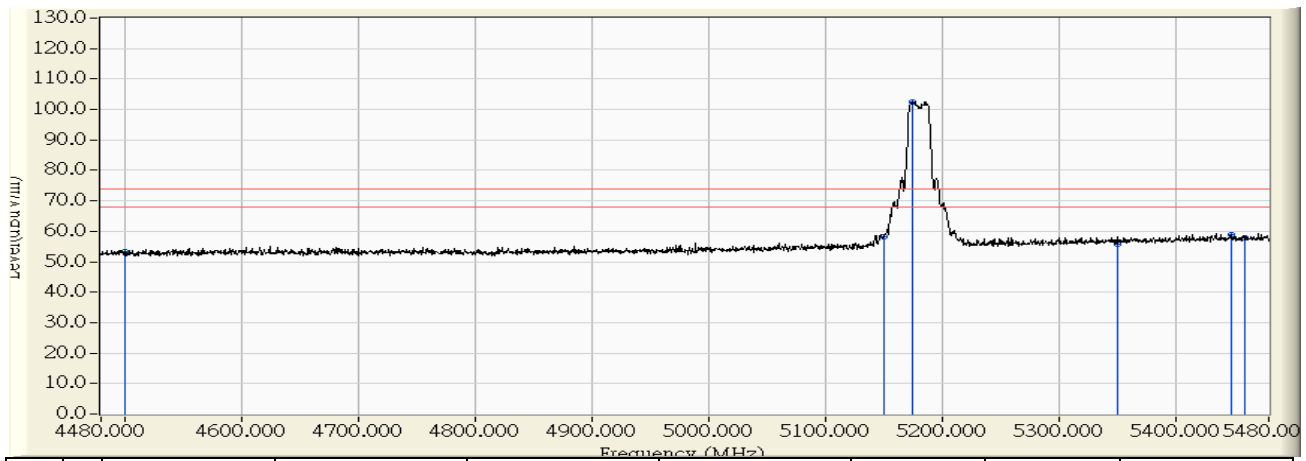
802.11a(ANT 0)

| Test Frequency<br>(MHz) | Measurement Level<br>(MHz) | Limit<br>(MHz) | Result |
|-------------------------|----------------------------|----------------|--------|
| 5240                    | 5249.608                   | $\leq 5250$    | Pass   |

Note: Accordance With 15.215 requirement



|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 14:02                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5180MHz |

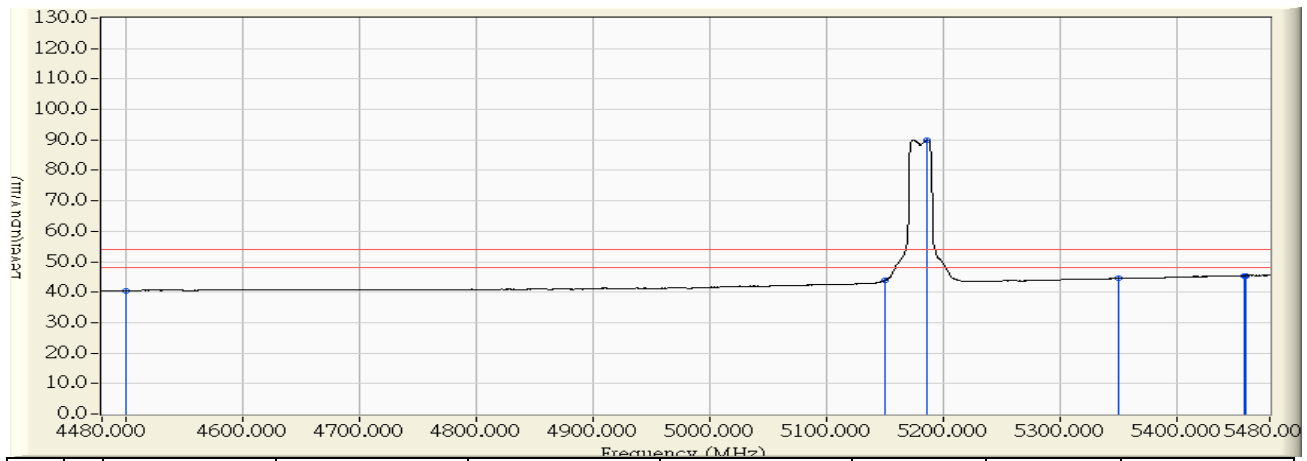


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -3.428                 | 56.738                  | 53.310                    | -20.690        | 74.000            | PEAK          |
| 2 | 5150.000           | -0.737                 | 58.864                  | 58.126                    | -15.874        | 74.000            | PEAK          |
| 3 | * 5174.500         | -0.532                 | 103.160                 | 102.627                   | 28.627         | 74.000            | PEAK          |
| 4 | 5350.000           | 0.934                  | 54.838                  | 55.772                    | -18.228        | 74.000            | PEAK          |
| 5 | 5447.500           | 1.748                  | 57.170                  | 58.918                    | -15.082        | 74.000            | PEAK          |
| 6 | 5460.000           | 1.853                  | 56.086                  | 57.939                    | -16.061        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 14:04                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1 FCC EFS 1-18G H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5180MHz |

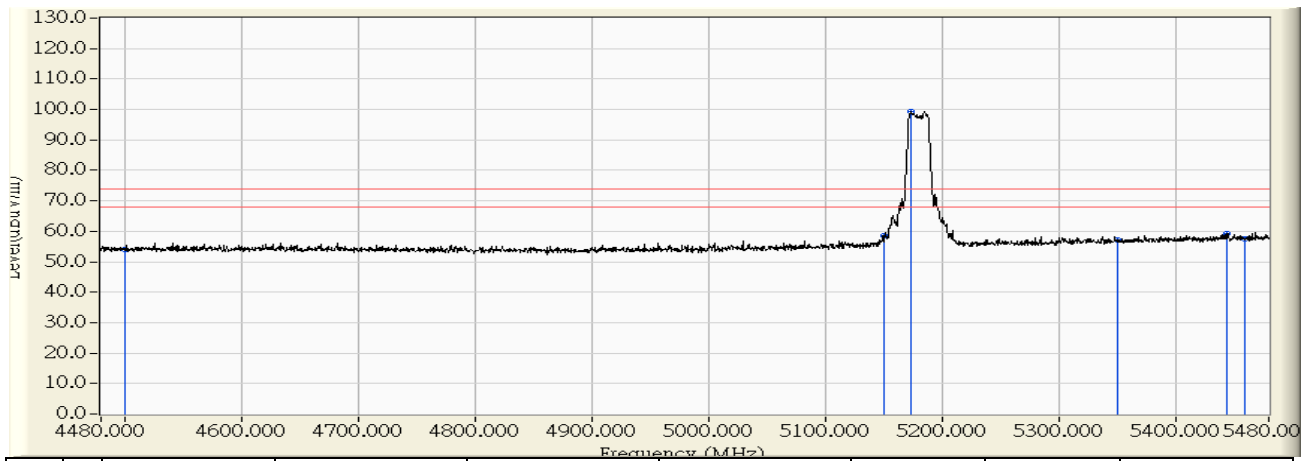


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -3.428                 | 43.897                  | 40.469                    | -13.531        | 54.000            | AVERAGE       |
| 2 | 5150.000           | -0.737                 | 44.526                  | 43.788                    | -10.212        | 54.000            | AVERAGE       |
| 3 | * 5187.000         | -0.428                 | 90.394                  | 89.966                    | 35.966         | 54.000            | AVERAGE       |
| 4 | 5350.000           | 0.934                  | 43.609                  | 44.543                    | -9.457         | 54.000            | AVERAGE       |
| 5 | 5458.000           | 1.836                  | 43.580                  | 45.416                    | -8.584         | 54.000            | AVERAGE       |
| 6 | 5460.000           | 1.853                  | 43.577                  | 45.430                    | -8.570         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 16:04                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5180MHz |

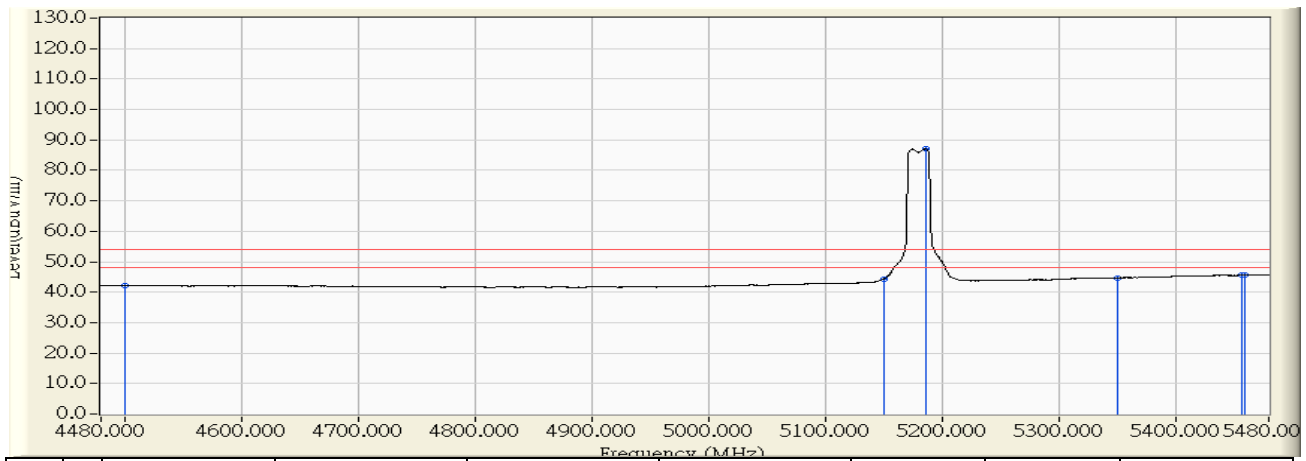


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -1.721                 | 55.776                  | 54.055                    | -19.945        | 74.000            | PEAK          |
| 2 | 5150.000           | -0.321                 | 58.774                  | 58.453                    | -15.547        | 74.000            | PEAK          |
| 3 | * 5173.500         | -0.136                 | 99.458                  | 99.322                    | 25.322         | 74.000            | PEAK          |
| 4 | 5350.000           | 1.250                  | 55.779                  | 57.029                    | -16.971        | 74.000            | PEAK          |
| 5 | 5444.000           | 1.989                  | 57.338                  | 59.327                    | -14.673        | 74.000            | PEAK          |
| 6 | 5460.000           | 2.114                  | 55.449                  | 57.563                    | -16.437        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 16:05                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1 FCC EFS 1-18G H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5180MHz |



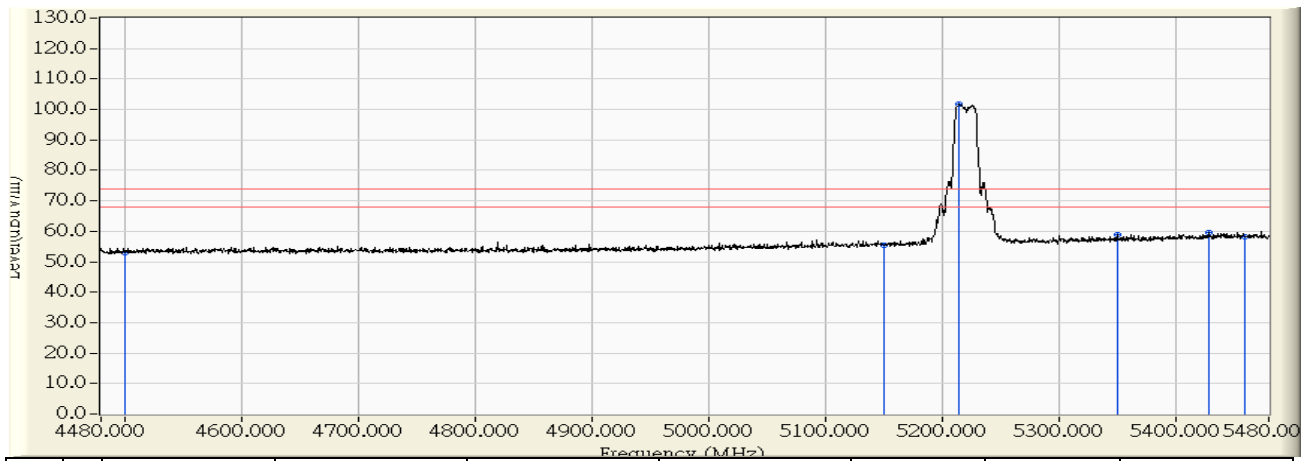
|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -1.721                 | 43.799                  | 42.078                    | -11.922        | 54.000            | AVERAGE       |
| 2 | 5150.000           | -0.321                 | 44.599                  | 44.278                    | -9.722         | 54.000            | AVERAGE       |
| 3 | * 5186.000         | -0.038                 | 87.199                  | 87.161                    | 33.161         | 54.000            | AVERAGE       |
| 4 | 5350.000           | 1.250                  | 43.474                  | 44.724                    | -9.276         | 54.000            | AVERAGE       |
| 5 | 5457.000           | 2.091                  | 43.526                  | 45.617                    | -8.383         | 54.000            | AVERAGE       |
| 6 | 5460.000           | 2.114                  | 43.467                  | 45.581                    | -8.419         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 14:07                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5220MHz |

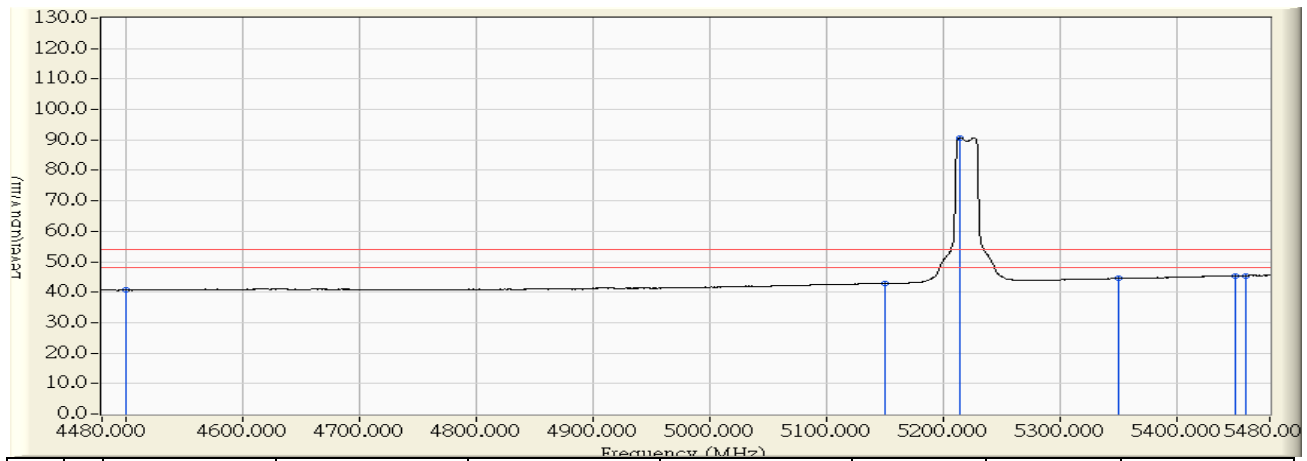


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -3.428                 | 56.523                  | 53.095                    | -20.905        | 74.000            | PEAK          |
| 2 | 5150.000           | -0.737                 | 56.016                  | 55.278                    | -18.722        | 74.000            | PEAK          |
| 3 | * 5214.500         | -0.198                 | 102.018                 | 101.819                   | 27.819         | 74.000            | PEAK          |
| 4 | 5350.000           | 0.934                  | 58.114                  | 59.048                    | -14.952        | 74.000            | PEAK          |
| 5 | 5428.500           | 1.590                  | 58.066                  | 59.656                    | -14.344        | 74.000            | PEAK          |
| 6 | 5460.000           | 1.853                  | 56.424                  | 58.277                    | -15.723        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 14:08                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5220MHz |

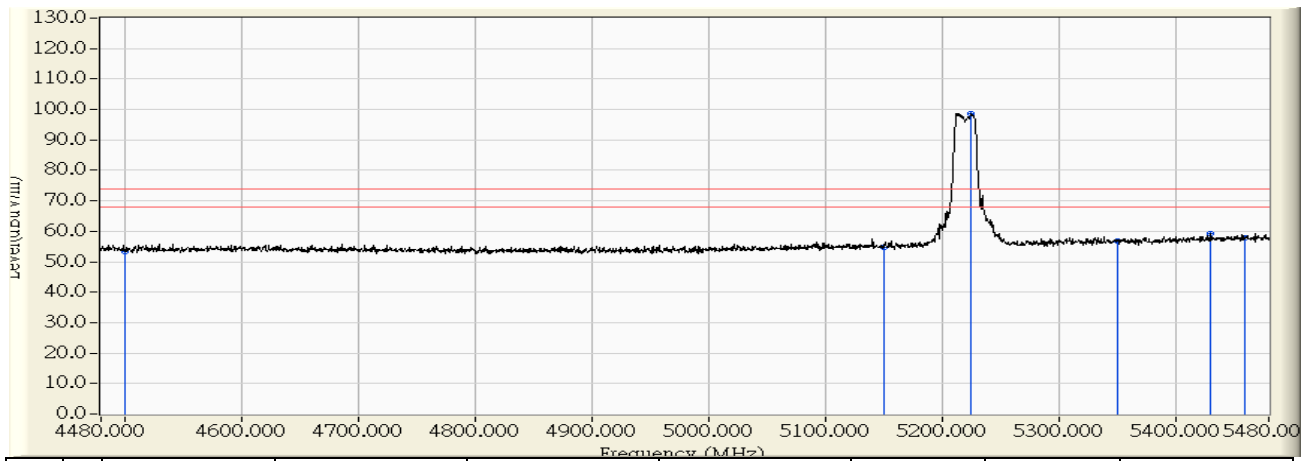


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -3.428                 | 44.046                  | 40.618                    | -13.382        | 54.000            | AVERAGE       |
| 2 | 5150.000           | -0.737                 | 43.666                  | 42.928                    | -11.072        | 54.000            | AVERAGE       |
| 3 | * 5214.000         | -0.203                 | 90.981                  | 90.778                    | 36.778         | 54.000            | AVERAGE       |
| 4 | 5350.000           | 0.934                  | 43.562                  | 44.496                    | -9.504         | 54.000            | AVERAGE       |
| 5 | 5450.000           | 1.770                  | 43.525                  | 45.294                    | -8.706         | 54.000            | AVERAGE       |
| 6 | 5460.000           | 1.853                  | 43.591                  | 45.444                    | -8.556         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 16:06                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5220MHz |

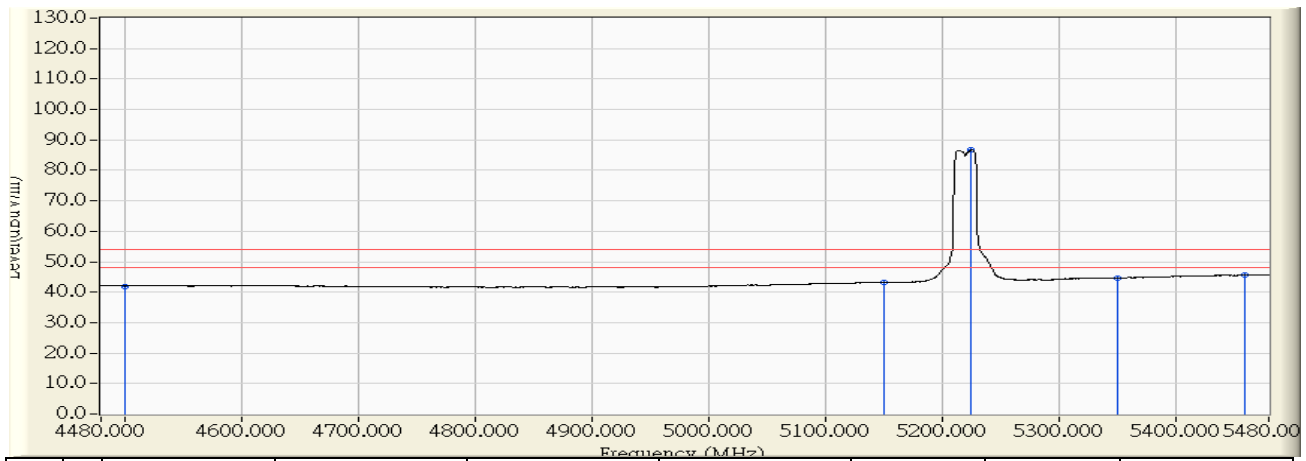


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -1.721                 | 55.130                  | 53.409                    | -20.591        | 74.000            | PEAK          |
| 2 | 5150.000           | -0.321                 | 54.904                  | 54.583                    | -19.417        | 74.000            | PEAK          |
| 3 | * 5225.000         | 0.269                  | 98.463                  | 98.731                    | 24.731         | 74.000            | PEAK          |
| 4 | 5350.000           | 1.250                  | 55.432                  | 56.682                    | -17.318        | 74.000            | PEAK          |
| 5 | 5430.500           | 1.882                  | 57.256                  | 59.139                    | -14.861        | 74.000            | PEAK          |
| 6 | 5460.000           | 2.114                  | 55.747                  | 57.861                    | -16.139        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                                    |                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------|
| <b>Site : CB1</b>                                  | <b>Time : 2016/11/20 - 16:07</b>                                       |
| <b>Limit : FCC_SpartC_15.209_03M_AV</b>            | <b>Margin : 6</b>                                                      |
| <b>Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL</b>     | <b>Power : DC 5V (Power by Notebook PC)</b>                            |
| <b>EUT : Dual-band Wireless-AC1200 USB Adapter</b> | <b>Note : Mode 2: Transmit_CDD Mode</b><br><b>802.11n(20M)_5220MHz</b> |

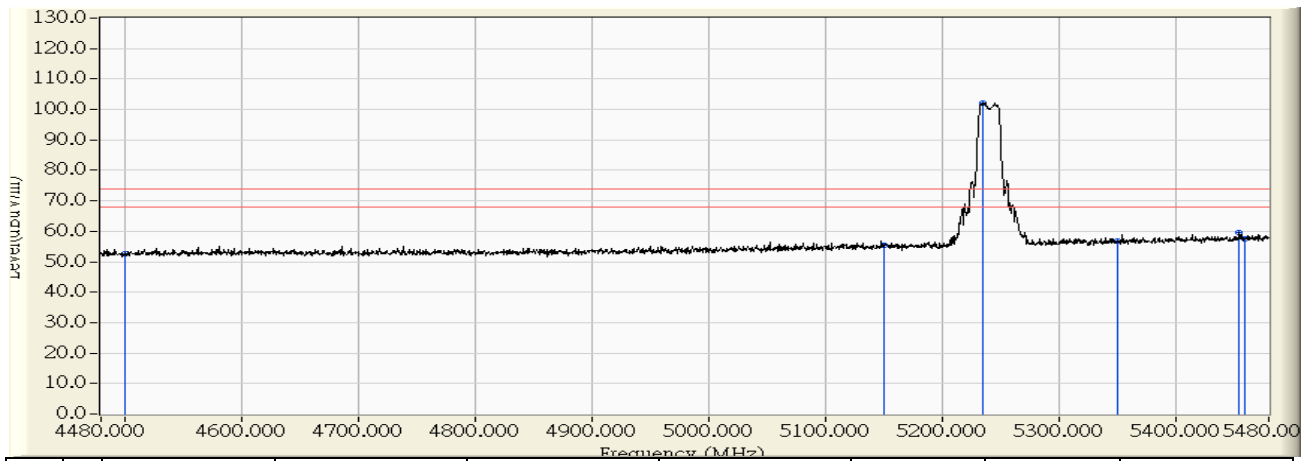


|   |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|---|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1 |   | 4500.000                   | -1.721                         | 43.713                          | 41.992                            | -12.008                | 54.000                    | AVERAGE              |
| 2 |   | 5150.000                   | -0.321                         | 43.524                          | 43.203                            | -10.797                | 54.000                    | AVERAGE              |
| 3 | * | 5225.500                   | 0.273                          | 86.439                          | 86.711                            | 32.711                 | 54.000                    | AVERAGE              |
| 4 |   | 5350.000                   | 1.250                          | 43.478                          | 44.728                            | -9.272                 | 54.000                    | AVERAGE              |
| 5 |   | 5460.000                   | 2.114                          | 43.492                          | 45.606                            | -8.394                 | 54.000                    | AVERAGE              |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 14:09                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5240MHz |

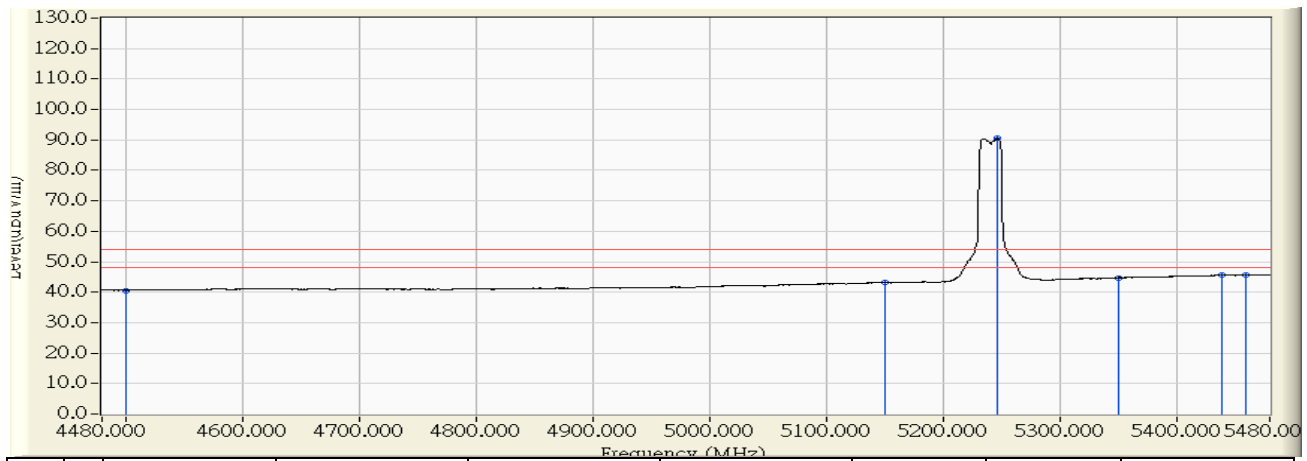


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -3.428                 | 55.906                  | 52.478                    | -21.522        | 74.000            | PEAK          |
| 2 | 5150.000           | -0.737                 | 56.187                  | 55.449                    | -18.551        | 74.000            | PEAK          |
| 3 | * 5234.500         | -0.031                 | 102.314                 | 102.283                   | 28.283         | 74.000            | PEAK          |
| 4 | 5350.000           | 0.934                  | 56.011                  | 56.945                    | -17.055        | 74.000            | PEAK          |
| 5 | 5454.500           | 1.808                  | 57.805                  | 59.612                    | -14.388        | 74.000            | PEAK          |
| 6 | 5460.000           | 1.853                  | 55.500                  | 57.353                    | -16.647        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                                    |                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------|
| <b>Site : CB1</b>                                  | <b>Time : 2016/11/20 - 14:11</b>                                       |
| <b>Limit : FCC_SpartC_15.209_03M_AV</b>            | <b>Margin : 6</b>                                                      |
| <b>Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL</b>   | <b>Power : DC 5V (Power by Notebook PC)</b>                            |
| <b>EUT : Dual-band Wireless-AC1200 USB Adapter</b> | <b>Note : Mode 2: Transmit_CDD Mode</b><br><b>802.11n(20M)_5240MHz</b> |

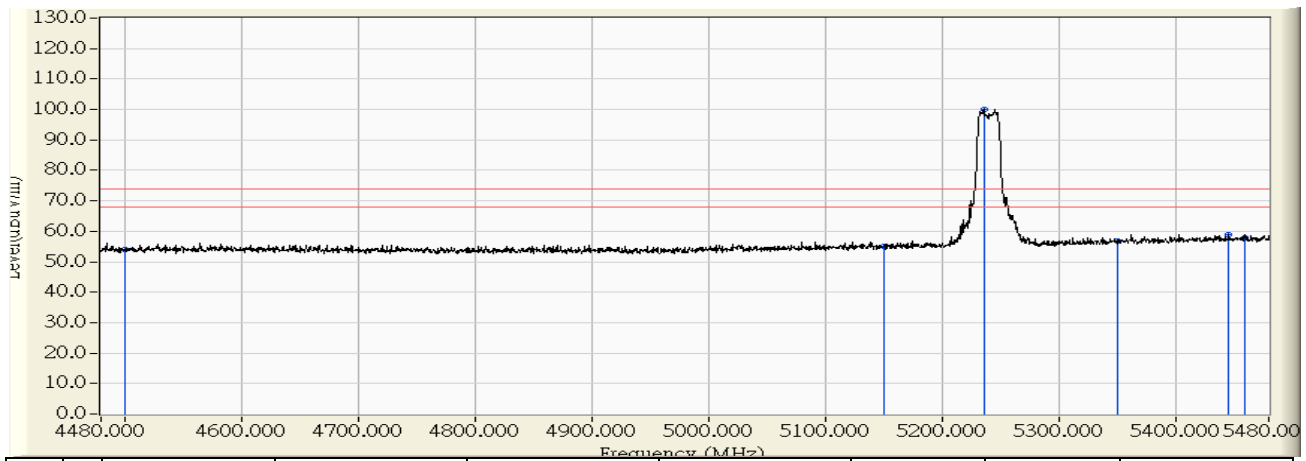


|   |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|---|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1 |   | 4500.000                   | -3.428                         | 44.004                          | 40.576                            | -13.424                | 54.000                    | AVERAGE              |
| 2 |   | 5150.000                   | -0.737                         | 43.833                          | 43.095                            | -10.905                | 54.000                    | AVERAGE              |
| 3 | * | 5247.000                   | 0.073                          | 90.392                          | 90.465                            | 36.465                 | 54.000                    | AVERAGE              |
| 4 |   | 5350.000                   | 0.934                          | 43.807                          | 44.741                            | -9.259                 | 54.000                    | AVERAGE              |
| 5 |   | 5439.500                   | 1.682                          | 43.949                          | 45.630                            | -8.370                 | 54.000                    | AVERAGE              |
| 6 |   | 5460.000                   | 1.853                          | 43.809                          | 45.662                            | -8.338                 | 54.000                    | AVERAGE              |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                                    |                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------|
| <b>Site : CB1</b>                                  | <b>Time : 2016/11/20 - 16:08</b>                                       |
| <b>Limit : FCC_SpartC_15.209_03M_PK</b>            | <b>Margin : 6</b>                                                      |
| <b>Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL</b>     | <b>Power : DC 5V (Power by Notebook PC)</b>                            |
| <b>EUT : Dual-band Wireless-AC1200 USB Adapter</b> | <b>Note : Mode 2: Transmit_CDD Mode</b><br><b>802.11n(20M)_5240MHz</b> |

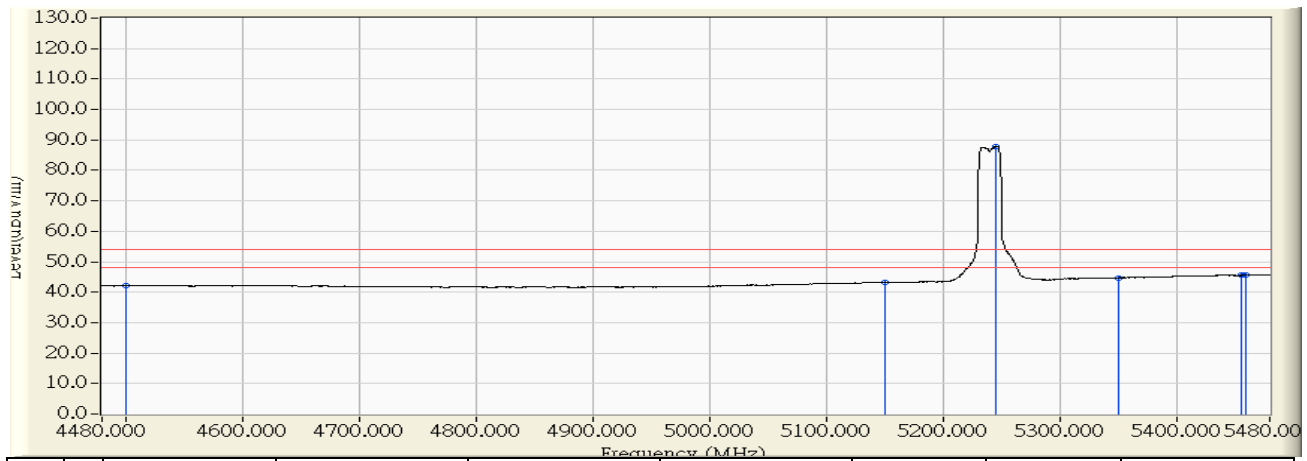


|   |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|---|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1 |   | 4500.000                   | -1.721                         | 55.699                          | 53.978                            | -20.022                | 74.000                    | PEAK                 |
| 2 |   | 5150.000                   | -0.321                         | 55.355                          | 55.034                            | -18.966                | 74.000                    | PEAK                 |
| 3 | * | 5236.000                   | 0.354                          | 99.633                          | 99.988                            | 25.988                 | 74.000                    | PEAK                 |
| 4 |   | 5350.000                   | 1.250                          | 55.689                          | 56.939                            | -17.061                | 74.000                    | PEAK                 |
| 5 |   | 5446.000                   | 2.004                          | 56.811                          | 58.815                            | -15.185                | 74.000                    | PEAK                 |
| 6 |   | 5460.000                   | 2.114                          | 55.696                          | 57.810                            | -16.190                | 74.000                    | PEAK                 |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 16:09                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5240MHz |



|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -1.721                 | 43.776                  | 42.055                    | -11.945        | 54.000            | AVERAGE       |
| 2 | 5150.000           | -0.321                 | 43.487                  | 43.166                    | -10.834        | 54.000            | AVERAGE       |
| 3 | * 5245.500         | 0.430                  | 87.511                  | 87.940                    | 33.940         | 54.000            | AVERAGE       |
| 4 | 5350.000           | 1.250                  | 43.453                  | 44.703                    | -9.297         | 54.000            | AVERAGE       |
| 5 | 5456.000           | 2.083                  | 43.483                  | 45.566                    | -8.434         | 54.000            | AVERAGE       |
| 6 | 5460.000           | 2.114                  | 43.479                  | 45.593                    | -8.407         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

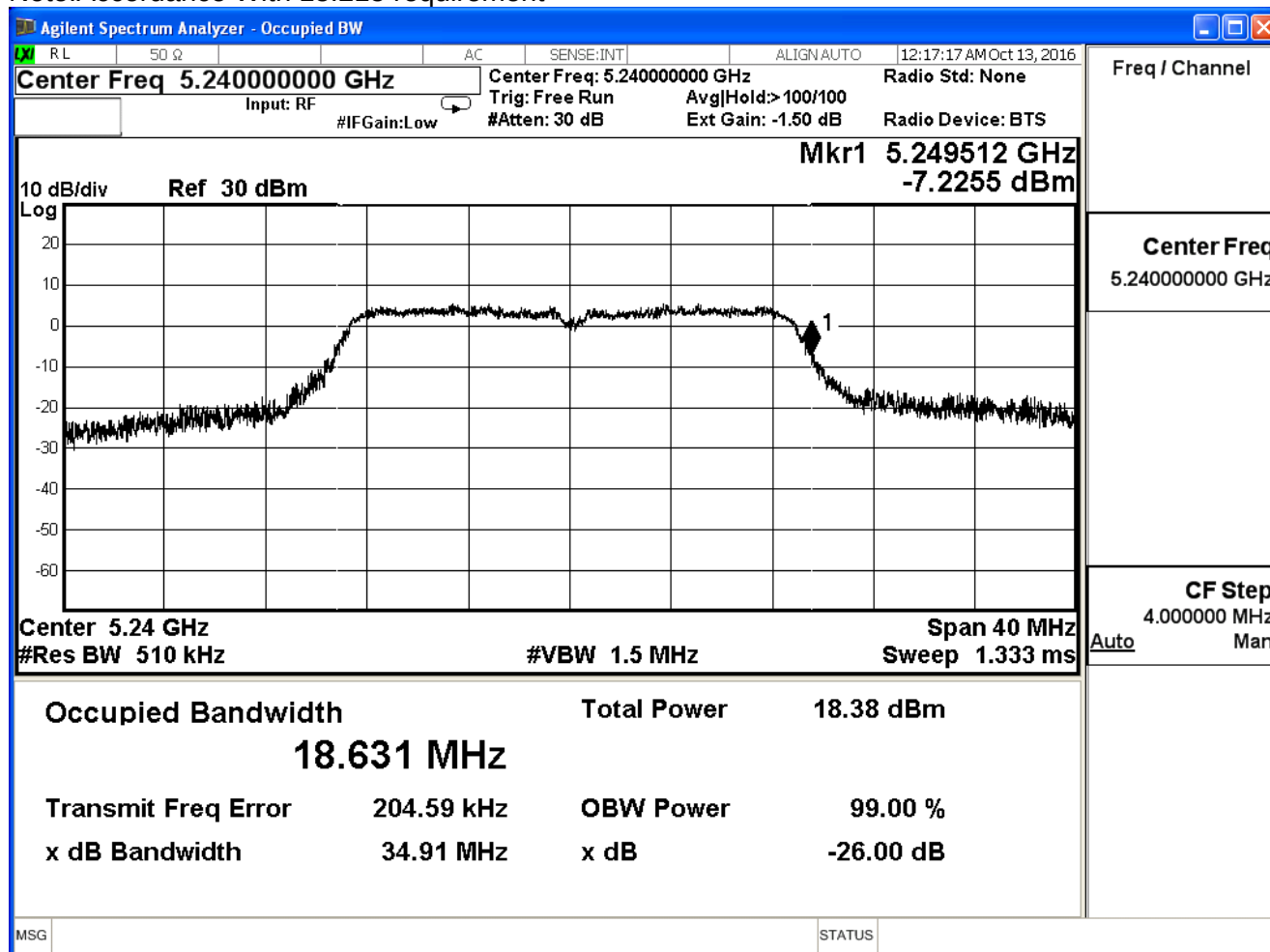


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Band edge Data                        |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

802.11n\_20M(ANT 0)

| Test Frequency<br>(MHz) | Measurement Level<br>(MHz) | Limit<br>(MHz) | Result |
|-------------------------|----------------------------|----------------|--------|
| 5240                    | 5249.51                    | ≤ 5250         | Pass   |

Note: Accordance With 15.215 requirement

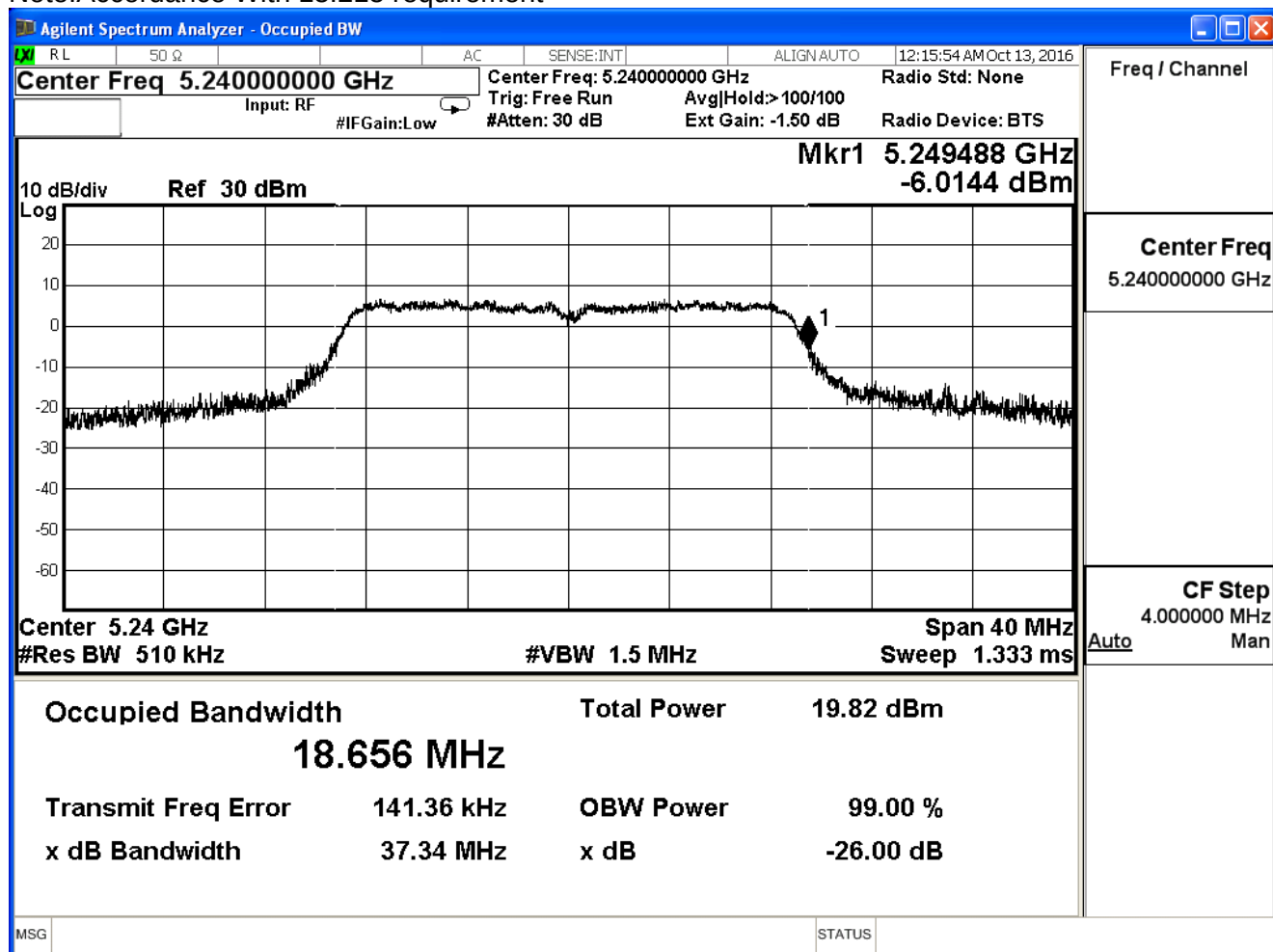


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Band edge Data                        |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

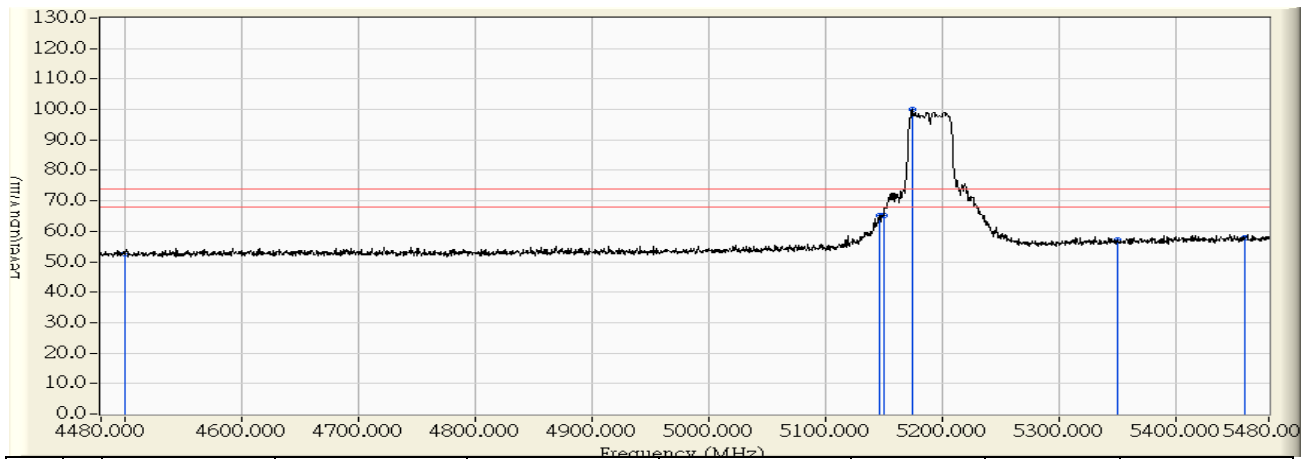
802.11n 20M(ANT 1)

| Test Frequency<br>(MHz) | Measurement Level<br>(MHz) | Limit<br>(MHz) | Result |
|-------------------------|----------------------------|----------------|--------|
| 5240                    | 5249.49                    | $\leq 5250$    | Pass   |

Note:Accordance With 15.215 requirement



|                                                    |                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------|
| <b>Site : CB1</b>                                  | <b>Time : 2016/11/21 - 20:14</b>                                       |
| <b>Limit : FCC_SpartC_15.209_03M_PK</b>            | <b>Margin : 6</b>                                                      |
| <b>Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL</b>   | <b>Power : DC 5V (Power by Notebook PC)</b>                            |
| <b>EUT : Dual-band Wireless-AC1200 USB Adapter</b> | <b>Note : Mode 2: Transmit_CDD Mode</b><br><b>802.11n(40M)_5190MHz</b> |

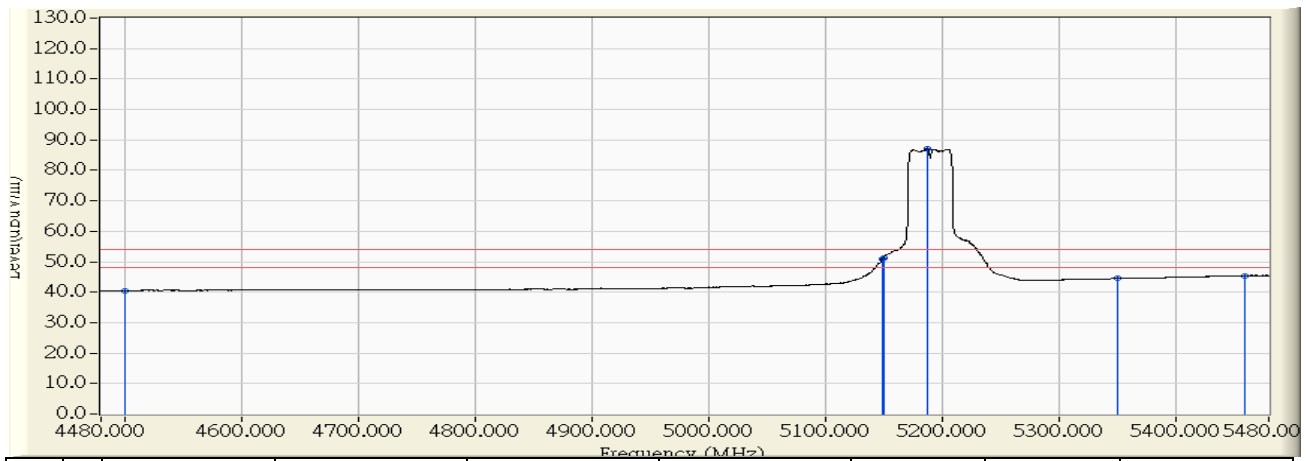


|   |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|---|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1 |   | 4500.000                   | -3.428                         | 56.226                          | 52.798                            | -21.202                | 74.000                    | PEAK                 |
| 2 |   | 5146.500                   | -0.768                         | 65.953                          | 65.186                            | -8.814                 | 74.000                    | PEAK                 |
| 3 |   | 5150.000                   | -0.737                         | 65.897                          | 65.159                            | -8.841                 | 74.000                    | PEAK                 |
| 4 | * | 5174.500                   | -0.532                         | 100.589                         | 100.056                           | 26.056                 | 74.000                    | PEAK                 |
| 5 |   | 5350.000                   | 0.934                          | 56.086                          | 57.020                            | -16.980                | 74.000                    | PEAK                 |
| 6 |   | 5460.000                   | 1.853                          | 55.990                          | 57.843                            | -16.157                | 74.000                    | PEAK                 |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/21 - 20:15                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1 FCC EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5190MHz |

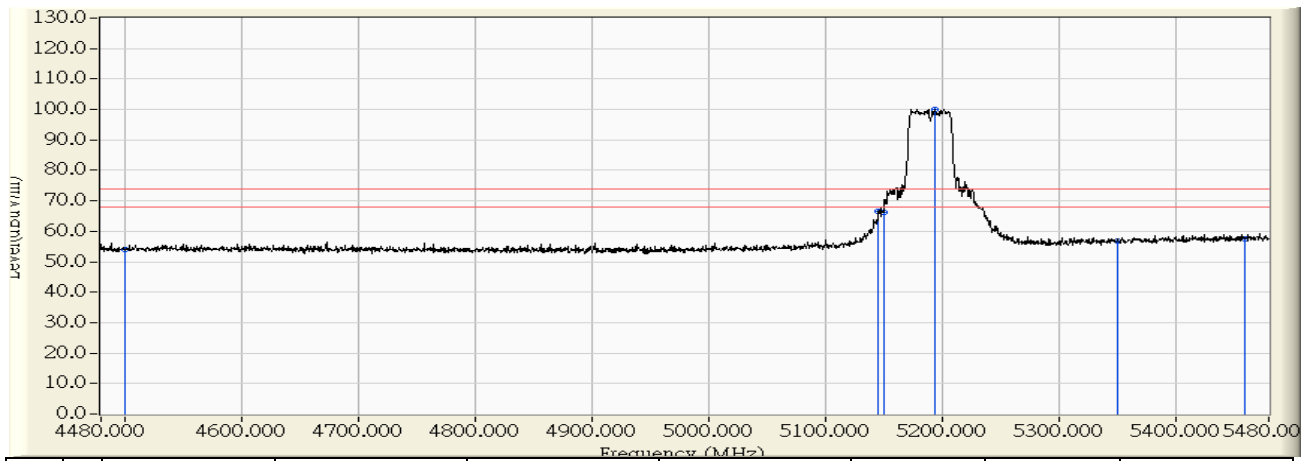


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -3.428                 | 43.811                  | 40.383                    | -13.617        | 54.000            | AVERAGE       |
| 2 | 5149.500           | -0.741                 | 51.726                  | 50.984                    | -3.016         | 54.000            | AVERAGE       |
| 3 | 5150.000           | -0.737                 | 51.875                  | 51.137                    | -2.863         | 54.000            | AVERAGE       |
| 4 | * 5187.500         | -0.424                 | 87.627                  | 87.203                    | 33.203         | 54.000            | AVERAGE       |
| 5 | 5350.000           | 0.934                  | 43.557                  | 44.491                    | -9.509         | 54.000            | AVERAGE       |
| 6 | 5460.000           | 1.853                  | 43.596                  | 45.449                    | -8.551         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/21 - 20:09                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5190MHz |

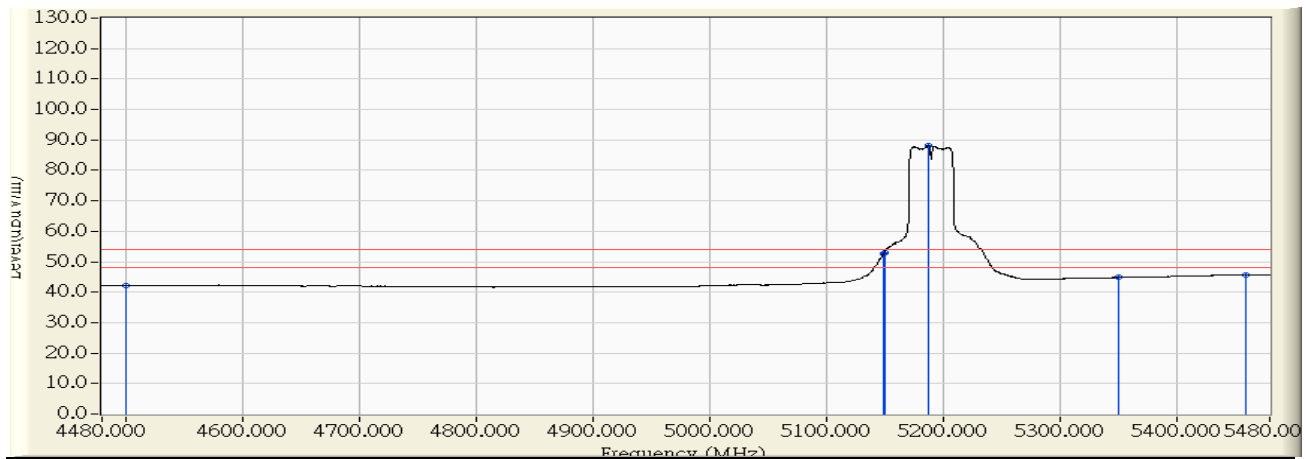


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -1.721                 | 55.785                  | 54.064                    | -19.936        | 74.000            | PEAK          |
| 2 | 5146.000           | -0.353                 | 66.915                  | 66.562                    | -7.438         | 74.000            | PEAK          |
| 3 | 5150.000           | -0.321                 | 66.564                  | 66.243                    | -7.757         | 74.000            | PEAK          |
| 4 | * 5194.000         | 0.025                  | 100.152                 | 100.177                   | 26.177         | 74.000            | PEAK          |
| 5 | 5350.000           | 1.250                  | 55.646                  | 56.896                    | -17.104        | 74.000            | PEAK          |
| 6 | 5460.000           | 2.114                  | 55.315                  | 57.429                    | -16.571        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                                    |                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------|
| <b>Site : CB1</b>                                  | <b>Time : 2016/11/21 - 20:06</b>                                       |
| <b>Limit : FCC_SpartC_15.209_03M_AV</b>            | <b>Margin : 6</b>                                                      |
| <b>Probe : CB1 FCC EFS 1-18G H2 - VERTICAL</b>     | <b>Power : DC 5V (Power by Notebook PC)</b>                            |
| <b>EUT : Dual-band Wireless-AC1200 USB Adapter</b> | <b>Note : Mode 2: Transmit_CDD Mode</b><br><b>802.11n(40M)_5190MHz</b> |

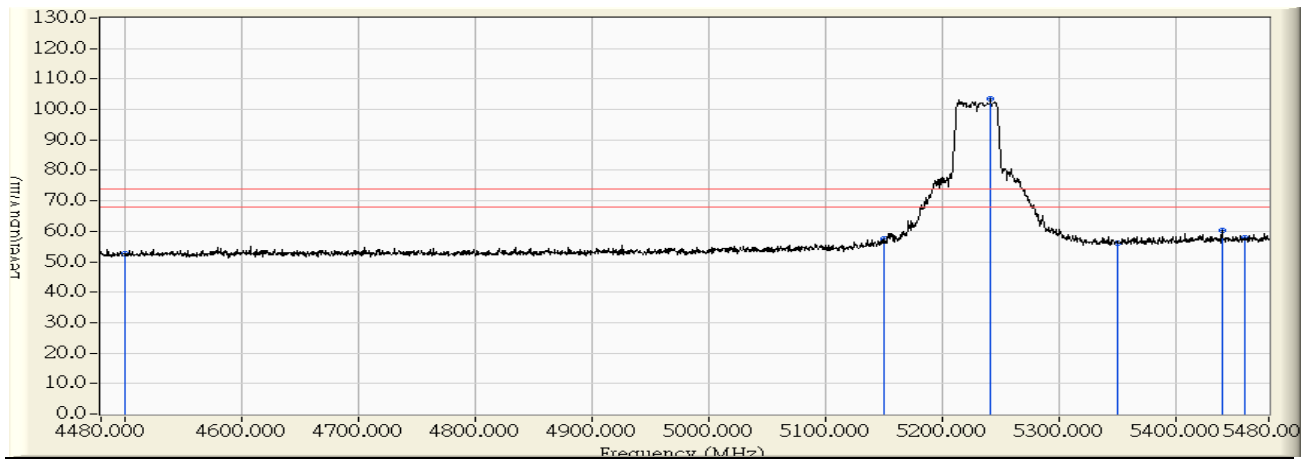


|   |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|---|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1 |   | 4500.000                   | -1.721                         | 43.859                          | 42.138                            | -11.862                | 54.000                    | AVERAGE              |
| 2 |   | 5149.500                   | -0.325                         | 53.010                          | 52.685                            | -1.315                 | 54.000                    | AVERAGE              |
| 3 |   | 5150.000                   | -0.321                         | 53.291                          | 52.970                            | -1.030                 | 54.000                    | AVERAGE              |
| 4 | * | 5187.500                   | -0.026                         | 88.207                          | 88.181                            | 34.181                 | 54.000                    | AVERAGE              |
| 5 |   | 5350.000                   | 1.250                          | 43.578                          | 44.828                            | -9.172                 | 54.000                    | AVERAGE              |
| 6 |   | 5460.000                   | 2.114                          | 43.617                          | 45.731                            | -8.269                 | 54.000                    | AVERAGE              |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 14:43                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5230MHz |

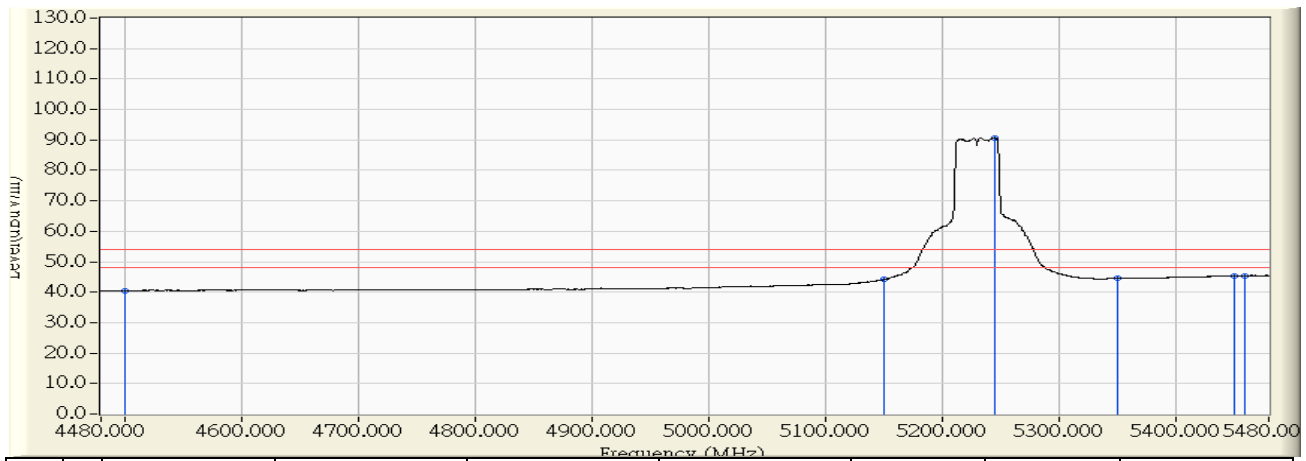


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -3.428                 | 56.023                  | 52.595                    | -21.405        | 74.000            | PEAK          |
| 2 | 5150.000           | -0.737                 | 58.385                  | 57.647                    | -16.353        | 74.000            | PEAK          |
| 3 | * 5241.500         | 0.026                  | 103.476                 | 103.503                   | 29.503         | 74.000            | PEAK          |
| 4 | 5350.000           | 0.934                  | 55.044                  | 55.978                    | -18.022        | 74.000            | PEAK          |
| 5 | 5440.000           | 1.686                  | 58.646                  | 60.332                    | -13.668        | 74.000            | PEAK          |
| 6 | 5460.000           | 1.853                  | 55.875                  | 57.728                    | -16.272        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 14:44                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1 FCC EFS 1-18G H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5230MHz |



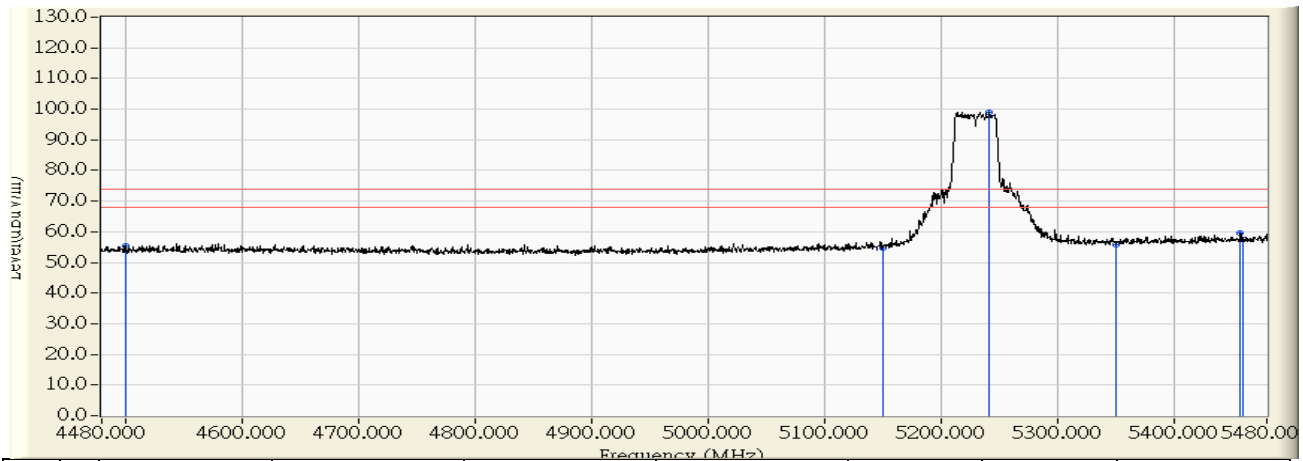
|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -3.428                 | 43.815                  | 40.387                    | -13.613        | 54.000            | AVERAGE       |
| 2 | 5150.000           | -0.737                 | 44.882                  | 44.144                    | -9.856         | 54.000            | AVERAGE       |
| 3 | * 5245.500         | 0.061                  | 90.677                  | 90.737                    | 36.737         | 54.000            | AVERAGE       |
| 4 | 5350.000           | 0.934                  | 43.588                  | 44.522                    | -9.478         | 54.000            | AVERAGE       |
| 5 | 5450.000           | 1.770                  | 43.517                  | 45.286                    | -8.714         | 54.000            | AVERAGE       |
| 6 | 5460.000           | 1.853                  | 43.559                  | 45.412                    | -8.588         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 16:16                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5230MHz |

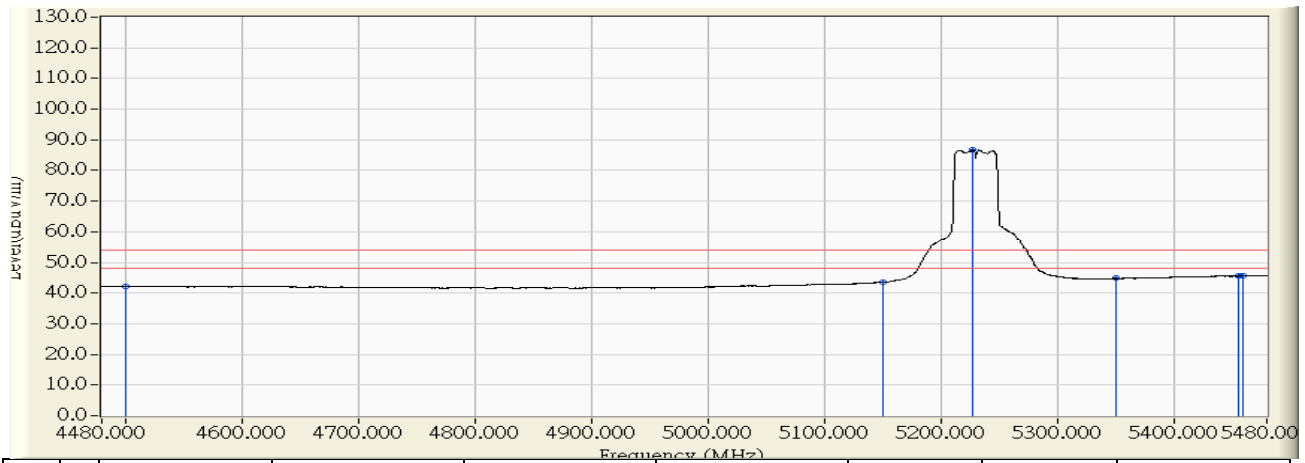


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 4500.000           | -1.721                 | 57.279                  | 55.558                    | -18.442        | 74.000            | PEAK          |
| 2 |   | 5150.000           | -0.321                 | 54.909                  | 54.588                    | -19.412        | 74.000            | PEAK          |
| 3 | * | 5241.500           | 0.397                  | 98.601                  | 98.999                    | 24.999         | 74.000            | PEAK          |
| 4 |   | 5350.000           | 1.250                  | 54.511                  | 55.761                    | -18.239        | 74.000            | PEAK          |
| 5 |   | 5457.000           | 2.091                  | 57.533                  | 59.624                    | -14.376        | 74.000            | PEAK          |
| 6 |   | 5460.000           | 2.114                  | 55.344                  | 57.458                    | -16.542        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 16:17                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                     |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5230MHz |



|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 4500.000           | -1.721                 | 43.774                  | 42.053                    | -11.947        | 54.000            | AVERAGE       |
| 2 |   | 5150.000           | -0.321                 | 43.852                  | 43.531                    | -10.469        | 54.000            | AVERAGE       |
| 3 | * | 5227.500           | 0.288                  | 86.422                  | 86.710                    | 32.710         | 54.000            | AVERAGE       |
| 4 |   | 5350.000           | 1.250                  | 43.565                  | 44.815                    | -9.185         | 54.000            | AVERAGE       |
| 5 |   | 5455.500           | 2.079                  | 43.482                  | 45.561                    | -8.439         | 54.000            | AVERAGE       |
| 6 |   | 5460.000           | 2.114                  | 43.490                  | 45.604                    | -8.396         | 54.000            | AVERAGE       |

**Note:**

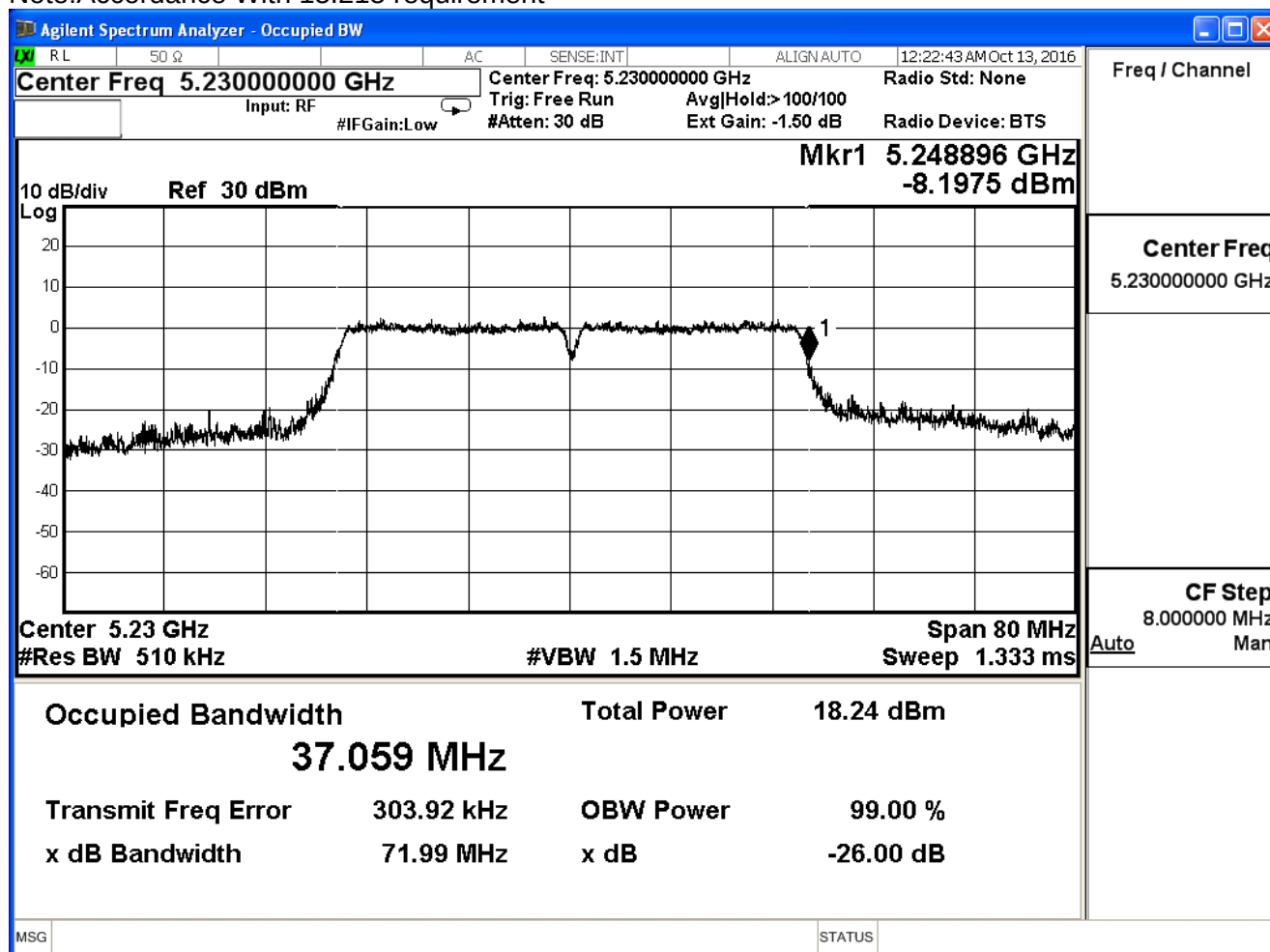
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Band edge Data                        |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

802.11n\_40M(ANT 0)

| Test Frequency<br>(MHz) | Measurement Level<br>(MHz) | Limit<br>(MHz) | Result |
|-------------------------|----------------------------|----------------|--------|
| 5230                    | 5248.90                    | ≤ 5250         | Pass   |

Note:Accordance With 15.215 requirement

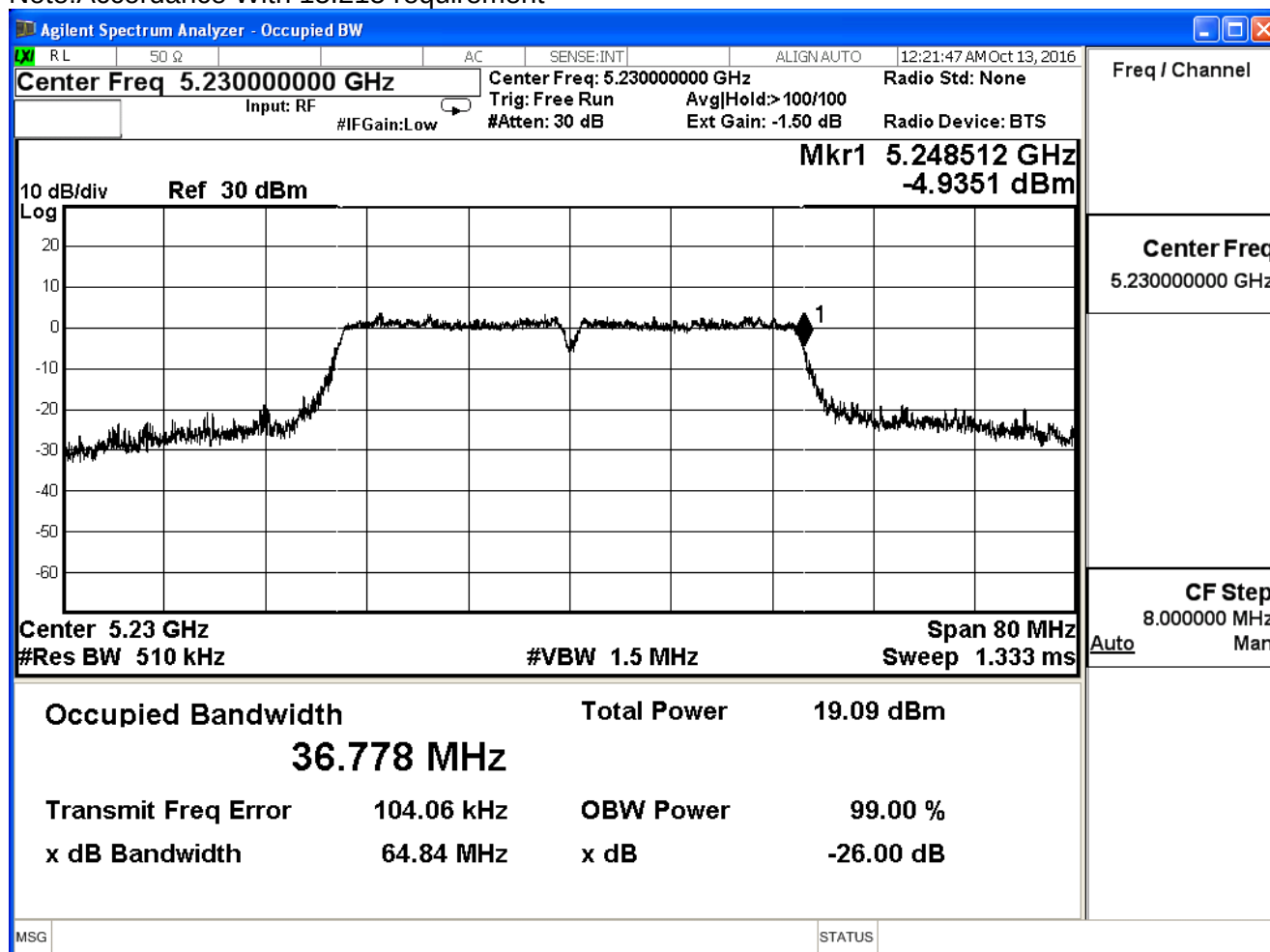


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Band edge Data                        |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

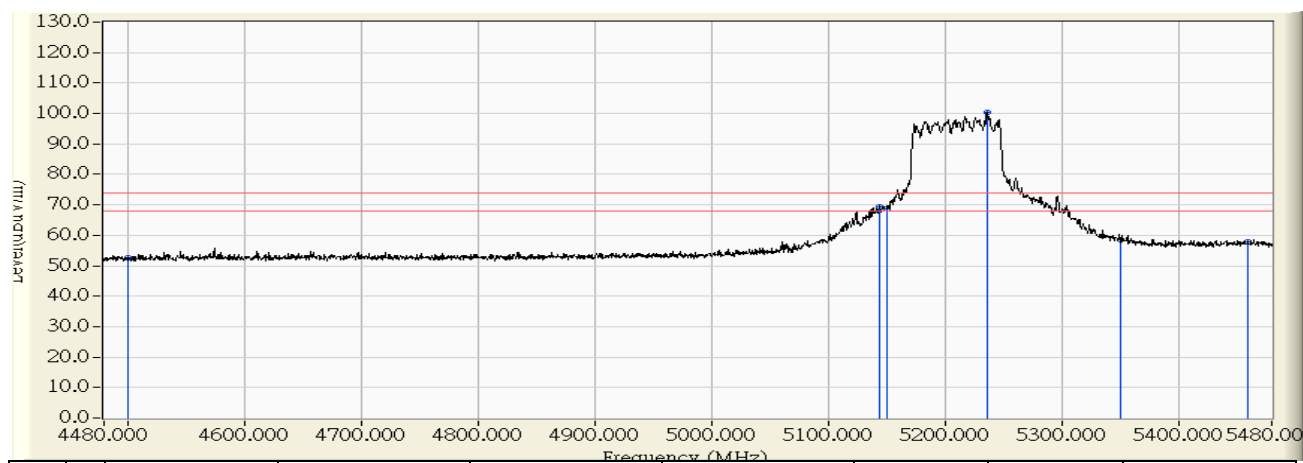
802.11n\_40M(ANT 1)

| Test Frequency<br>(MHz) | Measurement Level<br>(MHz) | Limit<br>(MHz) | Result |
|-------------------------|----------------------------|----------------|--------|
| 5230                    | 5248.51                    | ≤ 5250         | Pass   |

Note:Accordance With 15.215 requirement



|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 16:35                                 |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                                |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                      |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5210MHz |

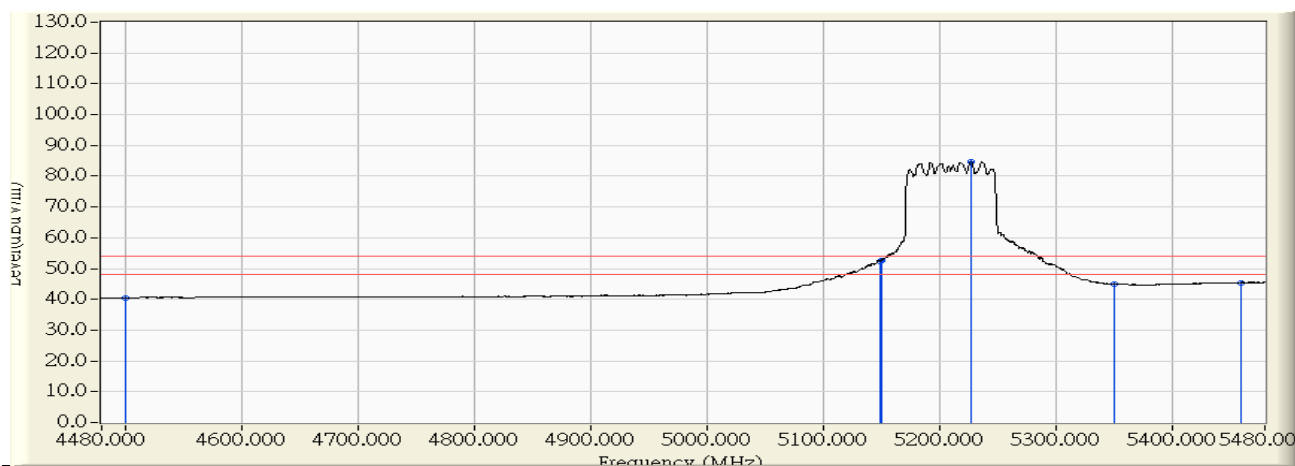


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 4500.000           | -3.428                 | 56.002                  | 52.574                    | -21.426        | 74.000            | PEAK          |
| 2 |   | 5144.000           | -0.788                 | 70.056                  | 69.268                    | -4.732         | 74.000            | PEAK          |
| 3 |   | 5150.000           | -0.737                 | 69.507                  | 68.769                    | -5.231         | 74.000            | PEAK          |
| 4 | * | 5236.000           | -0.020                 | 100.337                 | 100.318                   | 26.318         | 74.000            | PEAK          |
| 5 |   | 5350.000           | 0.934                  | 57.481                  | 58.415                    | -15.585        | 74.000            | PEAK          |
| 6 |   | 5460.000           | 1.853                  | 55.849                  | 57.702                    | -16.298        | 74.000            | PEAK          |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 16:34                                 |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                                |
| Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL   | Power : DC 5V (Power by Notebook PC)                      |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5210MHz |

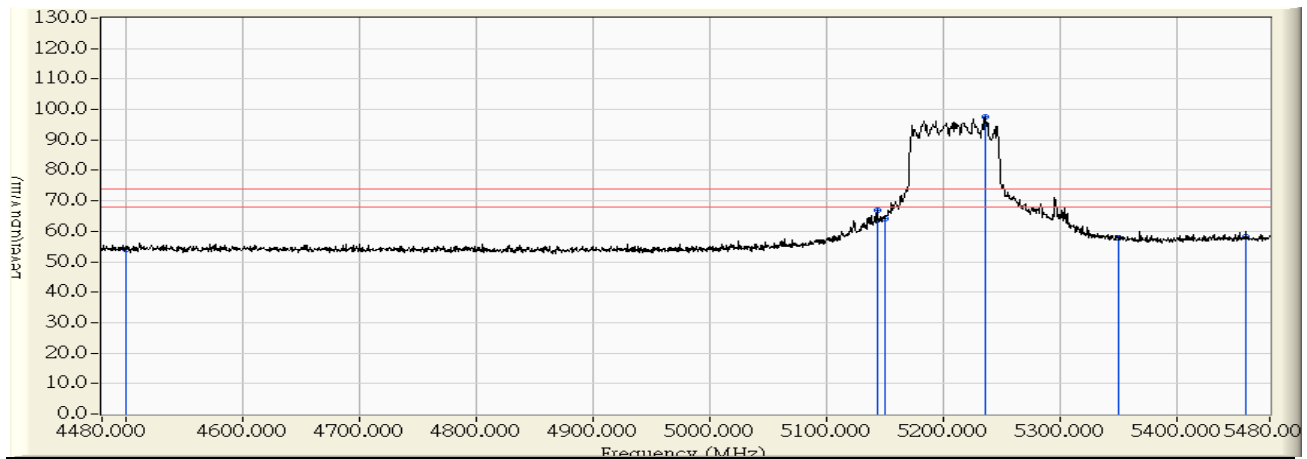


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -3.428                 | 43.861                  | 40.433                    | -13.567        | 54.000            | AVERAGE       |
| 2 | 5149.000           | -0.746                 | 53.183                  | 52.437                    | -1.563         | 54.000            | AVERAGE       |
| 3 | 5150.000           | -0.737                 | 53.307                  | 52.569                    | -1.431         | 54.000            | AVERAGE       |
| 4 | * 5227.500         | -0.090                 | 84.730                  | 84.640                    | 30.640         | 54.000            | AVERAGE       |
| 5 | 5350.000           | 0.934                  | 44.116                  | 45.050                    | 8.950          | 54.000            | AVERAGE       |
| 6 | 5460.000           | 1.853                  | 43.563                  | 45.416                    | -8.584         | 54.000            | AVERAGE       |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/21 - 20:37                                 |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                                |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                      |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5210MHz |

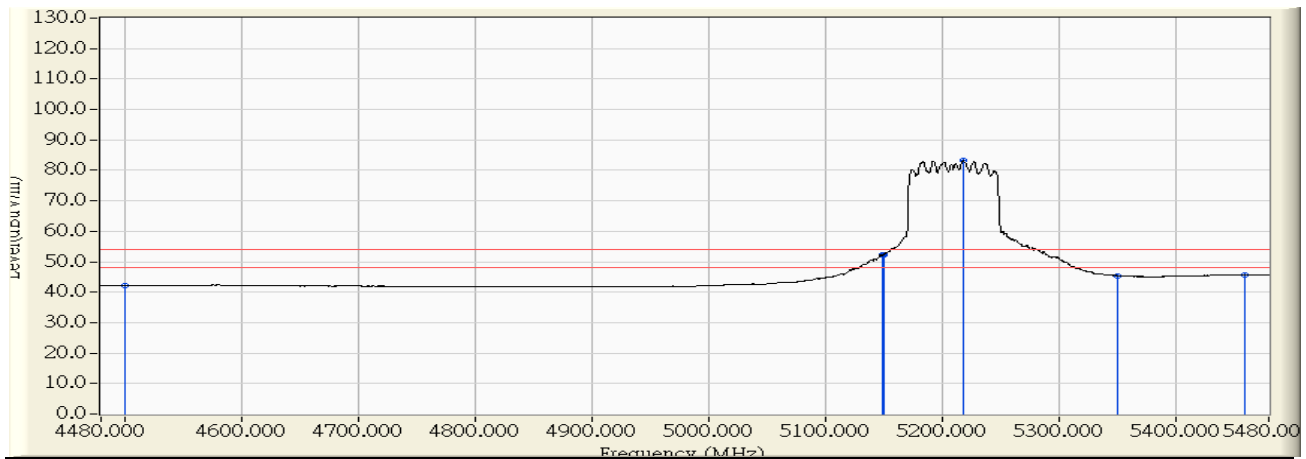


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -1.721                 | 55.712                  | 53.991                    | -20.009        | 74.000            | PEAK          |
| 2 | 5143.500           | -0.372                 | 67.118                  | 66.746                    | -7.254         | 74.000            | PEAK          |
| 3 | 5150.000           | -0.321                 | 64.618                  | 64.297                    | -9.703         | 74.000            | PEAK          |
| 4 | * 5236.000         | 0.354                  | 97.311                  | 97.666                    | 23.666         | 74.000            | PEAK          |
| 5 | 5350.000           | 1.250                  | 56.720                  | 57.970                    | -16.030        | 74.000            | PEAK          |
| 6 | 5460.000           | 2.114                  | 56.102                  | 58.216                    | -15.784        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/21 - 20:36                                 |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                                |
| Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL     | Power : DC 5V (Power by Notebook PC)                      |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5210MHz |



|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 4500.000           | -1.721                 | 43.862                  | 42.141                    | -11.859        | 54.000            | AVERAGE       |
| 2 | 5149.500           | -0.325                 | 52.466                  | 52.141                    | -1.859         | 54.000            | AVERAGE       |
| 3 | 5150.000           | -0.321                 | 52.470                  | 52.149                    | -1.851         | 54.000            | AVERAGE       |
| 4 | * 5218.000         | 0.213                  | 82.951                  | 83.164                    | 29.164         | 54.000            | AVERAGE       |
| 5 | 5350.000           | 1.250                  | 44.191                  | 45.441                    | -8.559         | 54.000            | AVERAGE       |
| 6 | 5460.000           | 2.114                  | 43.621                  | 45.735                    | -8.265         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

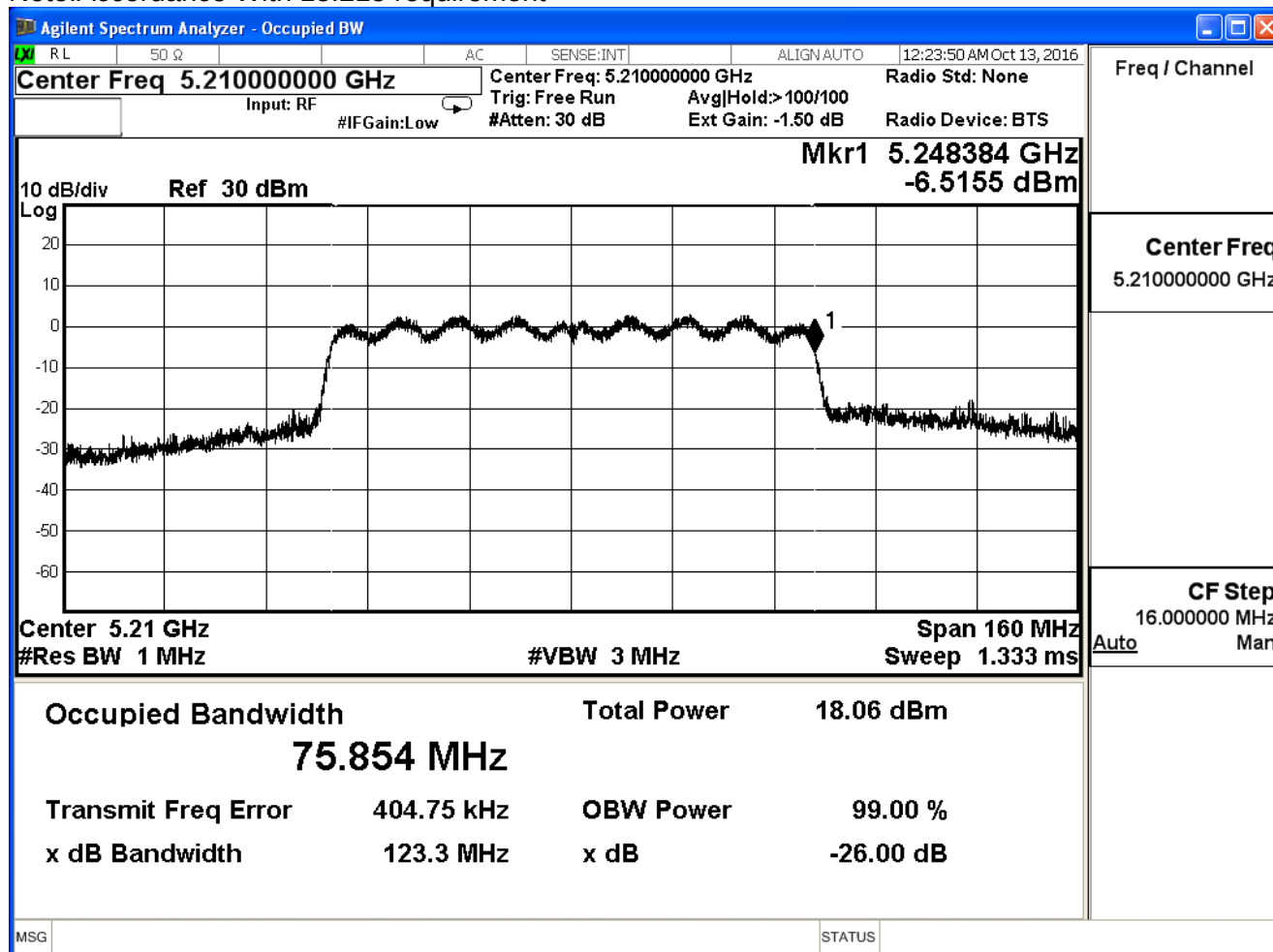


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Band edge Data                        |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

802.11ac\_80M(ANT 0)

| Test Frequency<br>(MHz) | Measurement Level<br>(MHz) | Limit<br>(MHz) | Result |
|-------------------------|----------------------------|----------------|--------|
| 5210                    | 5248.38                    | ≤ 5250         | Pass   |

Note:Accordance With 15.215 requirement

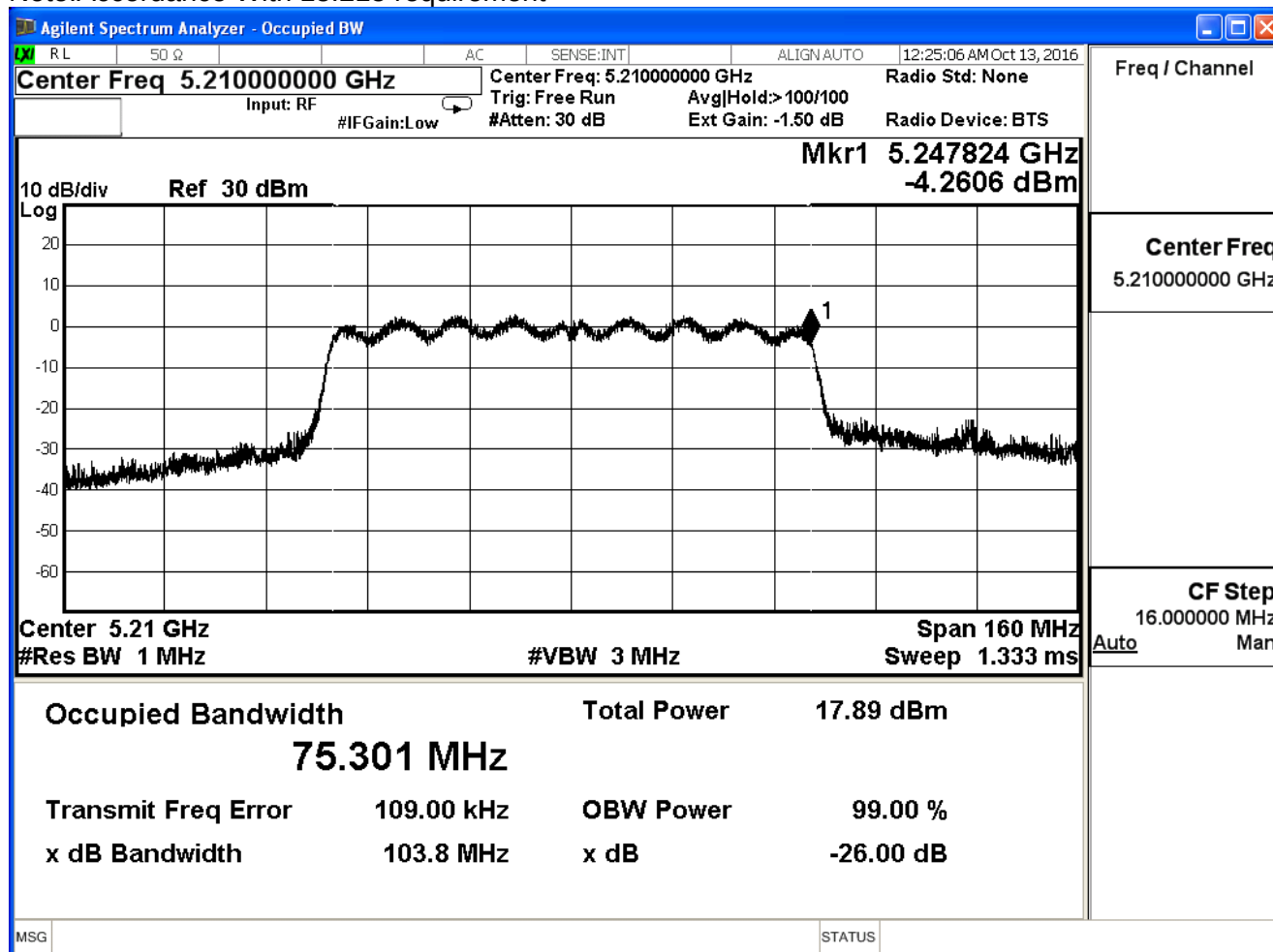


|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Band edge Data                        |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/13                            | Test Site | SR7 |

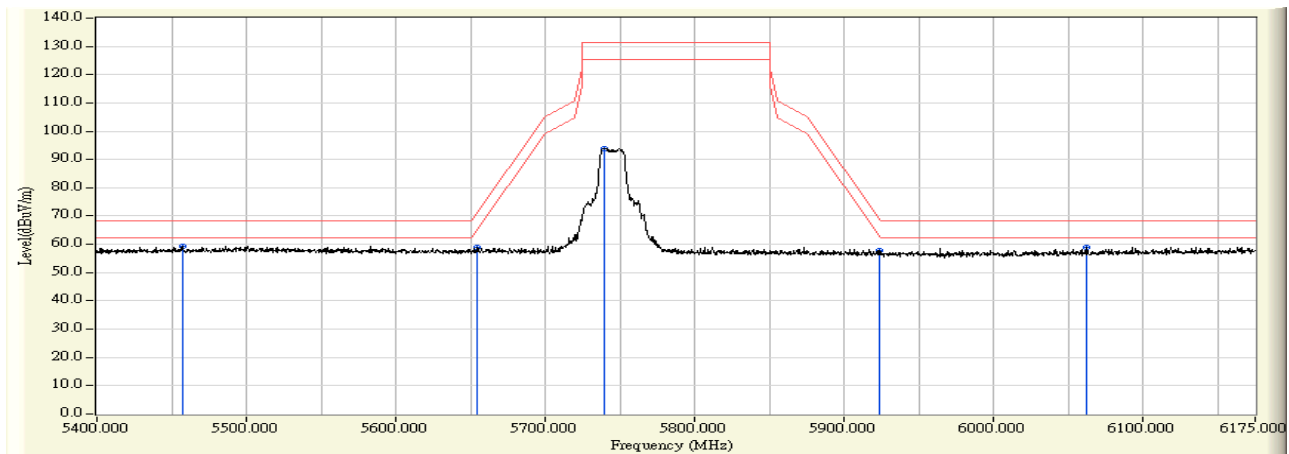
802.11ac\_80M(ANT 1)

| Test Frequency<br>(MHz) | Measurement Level<br>(MHz) | Limit<br>(MHz) | Result |
|-------------------------|----------------------------|----------------|--------|
| 5210                    | 5247.82                    | ≤ 5250         | Pass   |

Note:Accordance With 15.215 requirement



|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:52                            |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                           |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL            |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5745MHz |

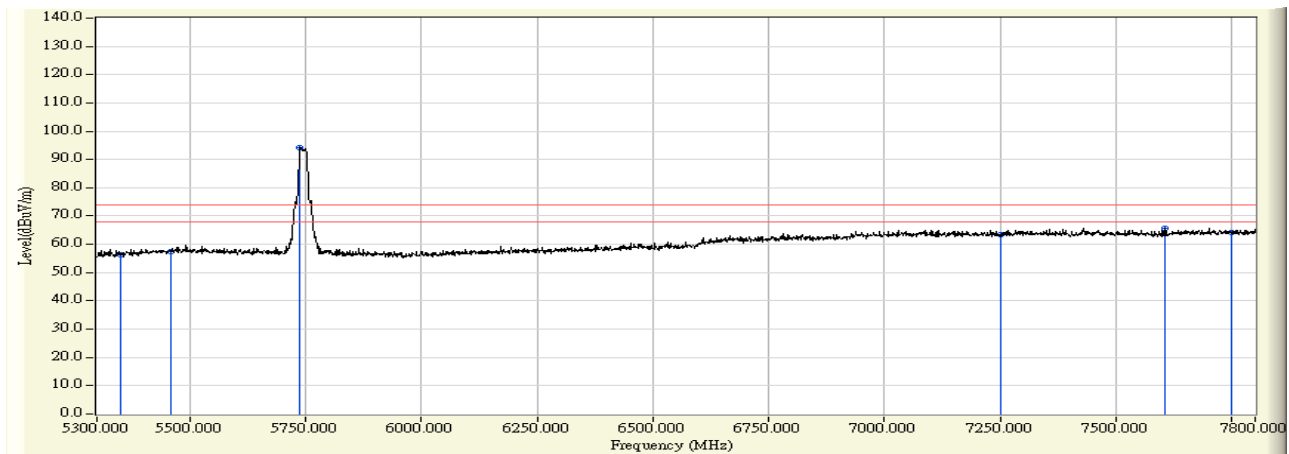


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5456.962           | 1.827                  | 57.627                  | 59.454                    | -8.746         | 68.200            | PEAK          |
| 2 |   | 5654.587           | 1.632                  | 57.466                  | 59.099                    | -12.495        | 71.594            | PEAK          |
| 3 | * | 5739.450           | 1.429                  | 92.532                  | 93.961                    | -37.239        | 131.200           | PEAK          |
| 4 |   | 5923.900           | 0.985                  | 56.681                  | 57.666                    | -11.348        | 69.014            | PEAK          |
| 5 |   | 6062.625           | 1.226                  | 57.590                  | 58.816                    | -9.384         | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 16:49                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL            |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5745MHz |

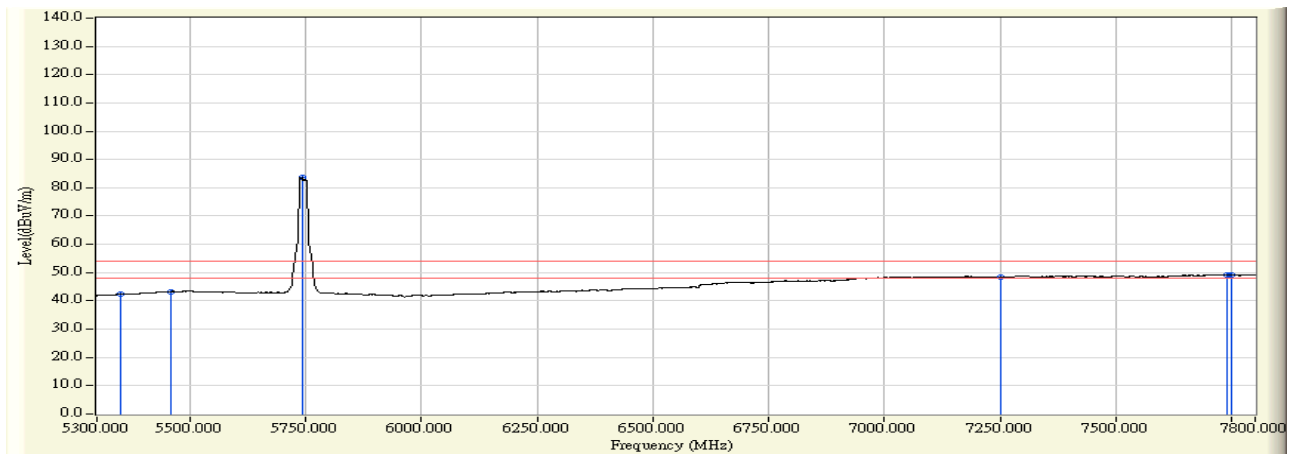


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 0.934                  | 55.321                  | 56.255                    | -17.745        | 74.000            | PEAK          |
| 2 |   | 5460.000           | 1.853                  | 55.500                  | 57.353                    | -16.647        | 74.000            | PEAK          |
| 3 | * | 5738.750           | 1.430                  | 92.647                  | 94.077                    | 20.077         | 74.000            | PEAK          |
| 4 |   | 7250.000           | 5.954                  | 57.324                  | 63.277                    | -10.723        | 74.000            | PEAK          |
| 5 |   | 7606.250           | 6.607                  | 59.063                  | 65.670                    | -8.330         | 74.000            | PEAK          |
| 6 |   | 7750.000           | 6.833                  | 57.324                  | 64.158                    | -9.842         | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                                    |                                                  |
|----------------------------------------------------|--------------------------------------------------|
| <b>Site : CB1</b>                                  | <b>Time : 2016/11/20 - 16:52</b>                 |
| <b>Limit : FCC_SpartC_15.209_03M_AV</b>            | <b>Margin : 6</b>                                |
| <b>EUT : Dual-band Wireless-AC1200 USB Adapter</b> | <b>Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL</b> |
| <b>Power : DC 5V (Power by Notebook PC)</b>        | <b>Note : Mode 1: Transmit_SISO Mode</b>         |
|                                                    | <b>802.11a_5745MHz</b>                           |

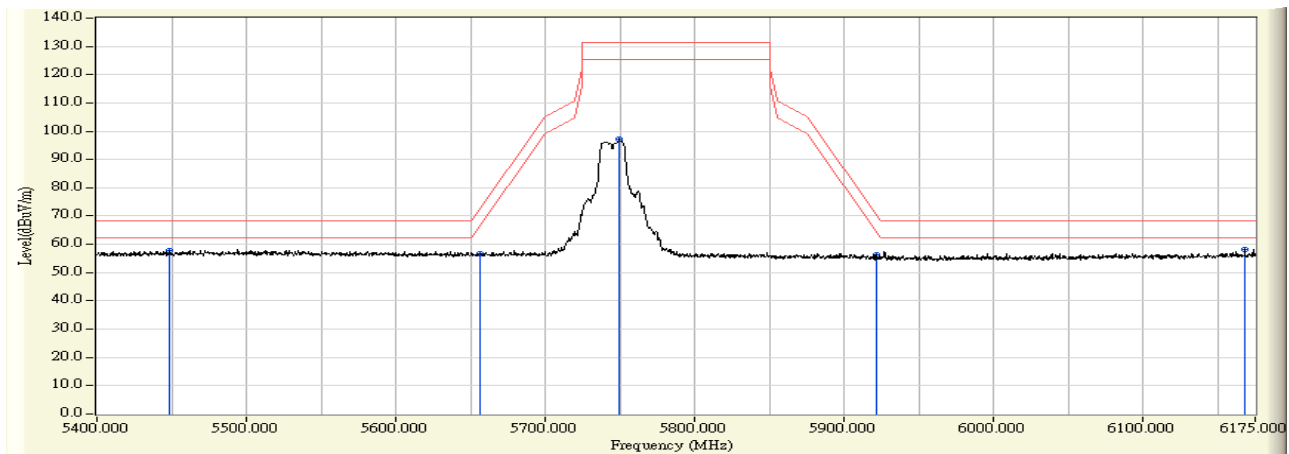


|   |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|---|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1 |   | 5350.000                   | 0.934                          | 41.442                          | 42.376                            | -11.624                | 54.000                    | AVERAGE              |
| 2 |   | 5460.000                   | 1.853                          | 41.429                          | 43.282                            | -10.718                | 54.000                    | AVERAGE              |
| 3 | * | 5745.000                   | 1.415                          | 82.209                          | 83.624                            | 29.624                 | 54.000                    | AVERAGE              |
| 4 |   | 7250.000                   | 5.954                          | 42.353                          | 48.306                            | -5.694                 | 54.000                    | AVERAGE              |
| 5 |   | 7738.750                   | 6.816                          | 42.391                          | 49.207                            | -4.793                 | 54.000                    | AVERAGE              |
| 6 |   | 7750.000                   | 6.833                          | 42.246                          | 49.080                            | -4.920                 | 54.000                    | AVERAGE              |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:17                            |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                           |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL              |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5745MHz |

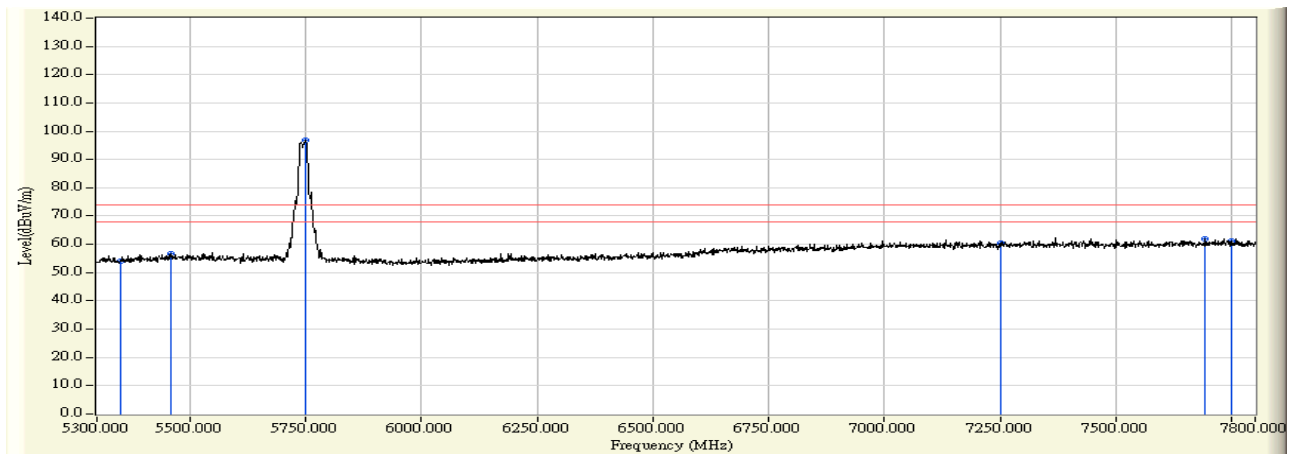


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5448.825           | 2.027                  | 55.768                  | 57.795                    | -10.405        | 68.200            | PEAK          |
| 2 |   | 5656.525           | 1.791                  | 54.884                  | 56.675                    | -16.354        | 73.029            | PEAK          |
| 3 | * | 5749.137           | 1.523                  | 95.686                  | 97.208                    | -33.992        | 131.200           | PEAK          |
| 4 |   | 5921.962           | 1.021                  | 55.224                  | 56.244                    | -14.204        | 70.448            | PEAK          |
| 5 | * | 6168.025           | 1.641                  | 56.367                  | 58.008                    | -10.192        | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 18:11                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL              |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5745MHz |

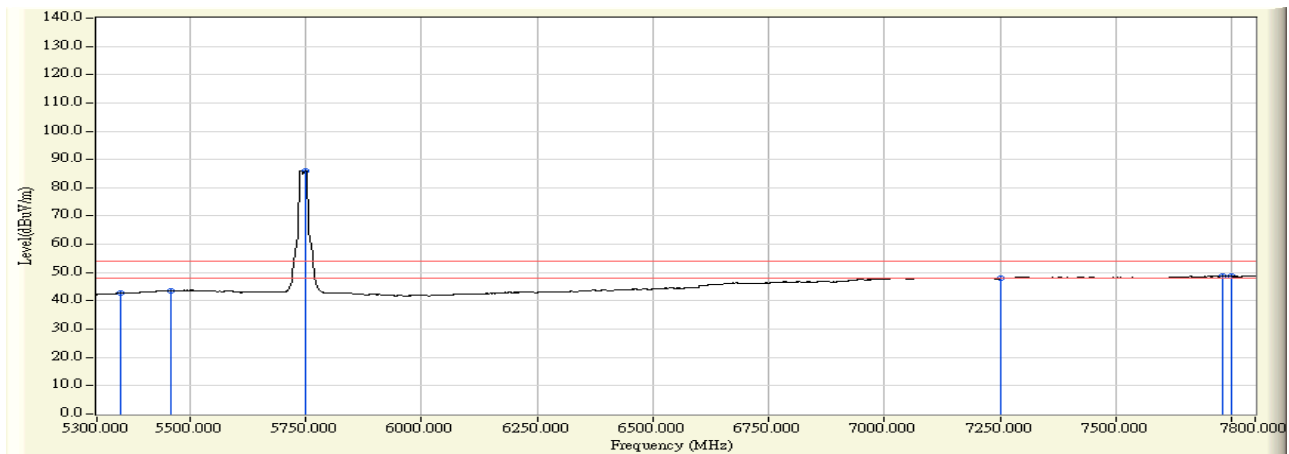


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 1.250                  | 52.858                  | 54.108                    | -19.892        | 74.000            | PEAK          |
| 2 | 5460.000           | 2.114                  | 54.549                  | 56.663                    | -17.337        | 74.000            | PEAK          |
| 3 | * 5748.750         | 1.523                  | 95.448                  | 96.971                    | 22.971         | 74.000            | PEAK          |
| 4 | 7250.000           | 5.454                  | 54.984                  | 60.437                    | -13.563        | 74.000            | PEAK          |
| 5 | 7692.500           | 6.243                  | 55.813                  | 62.056                    | -11.944        | 74.000            | PEAK          |
| 6 | 7750.000           | 6.333                  | 54.809                  | 61.143                    | -12.857        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 18:13                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL              |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5745MHz |



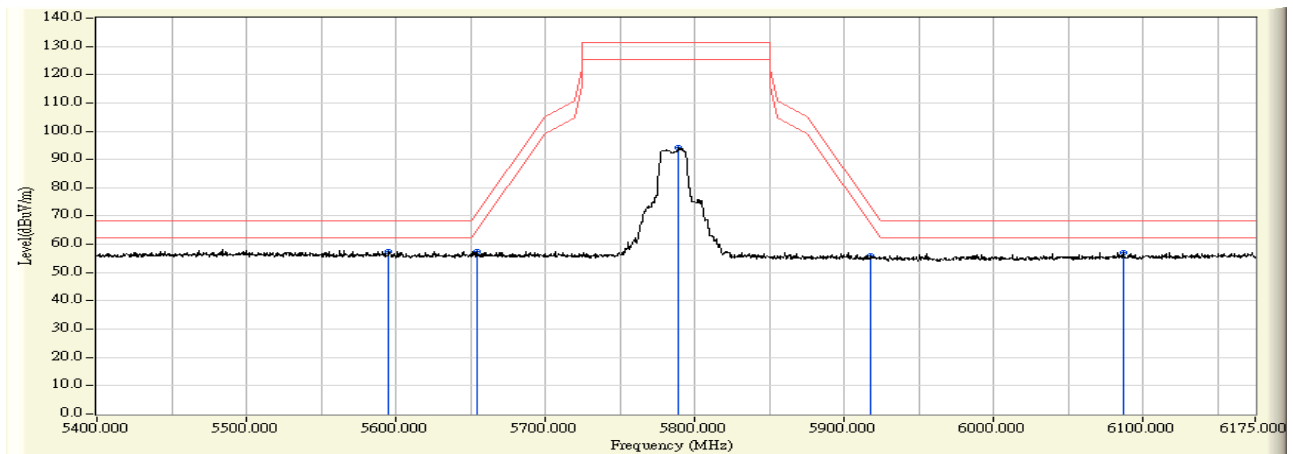
|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 1.250                  | 41.459                  | 42.709                    | -11.291        | 54.000            | AVERAGE       |
| 2 | 5460.000           | 2.114                  | 41.517                  | 43.631                    | -10.369        | 54.000            | AVERAGE       |
| 3 | * 5750.000         | 1.520                  | 84.595                  | 86.115                    | 32.115         | 54.000            | AVERAGE       |
| 4 | 7250.000           | 5.454                  | 42.409                  | 47.862                    | -6.138         | 54.000            | AVERAGE       |
| 5 | 7731.250           | 6.304                  | 42.403                  | 48.707                    | -5.293         | 54.000            | AVERAGE       |
| 6 | 7750.000           | 6.333                  | 42.329                  | 48.663                    | -5.337         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:51                            |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                           |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL            |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5785MHz |

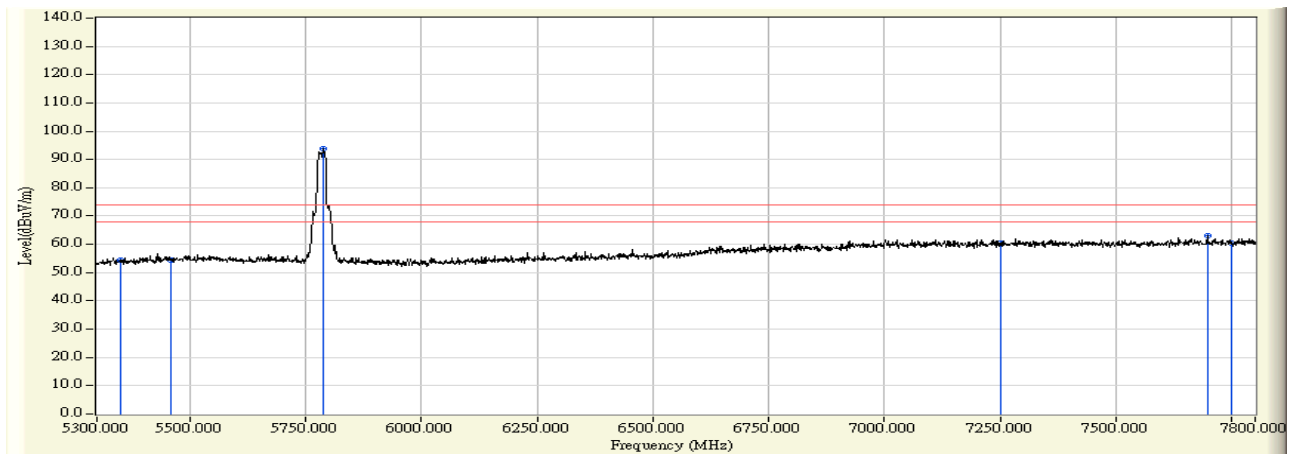


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5594.912           | 1.776                  | 55.835                  | 57.611                    | -10.589        | 68.200            | PEAK          |
| 2 |   | 5654.200           | 1.633                  | 55.656                  | 57.289                    | -14.019        | 71.308            | PEAK          |
| 3 | * | 5789.437           | 1.309                  | 92.934                  | 94.242                    | -36.958        | 131.200           | PEAK          |
| 4 |   | 5918.087           | 0.999                  | 54.801                  | 55.800                    | -17.516        | 73.316            | PEAK          |
| 5 |   | 6086.650           | 1.341                  | 55.650                  | 56.992                    | -11.208        | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 17:03                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL            |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5785MHz |

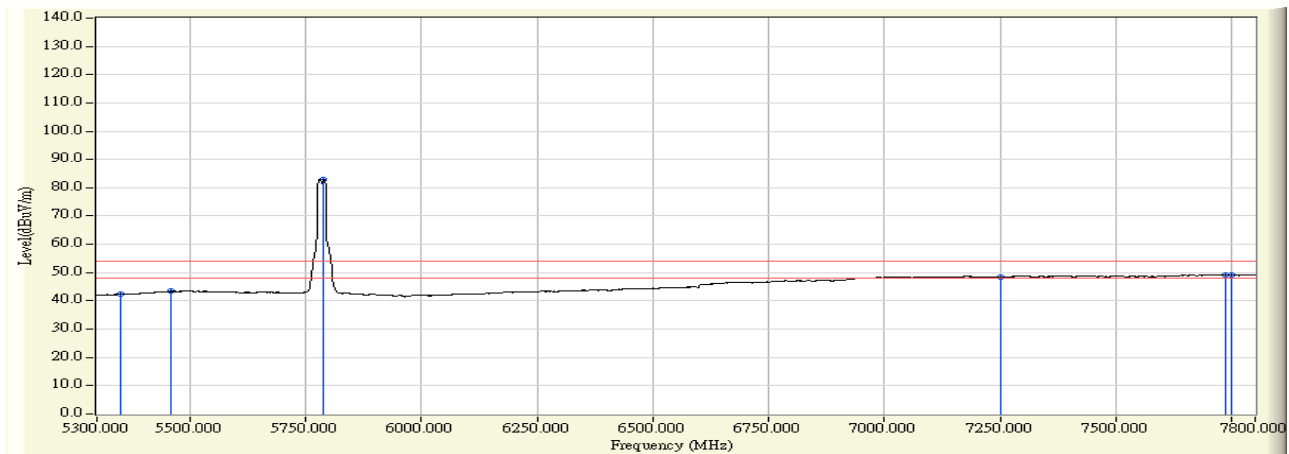


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 0.934                  | 53.610                  | 54.544                    | -19.456        | 74.000            | PEAK          |
| 2 | 5460.000           | 1.853                  | 52.517                  | 54.370                    | -19.630        | 74.000            | PEAK          |
| 3 | * 5788.750         | 1.310                  | 92.409                  | 93.719                    | 19.719         | 74.000            | PEAK          |
| 4 | 7250.000           | 5.954                  | 54.301                  | 60.254                    | -13.746        | 74.000            | PEAK          |
| 5 | 7696.250           | 6.749                  | 56.143                  | 62.892                    | -11.108        | 74.000            | PEAK          |
| 6 | 7750.000           | 6.833                  | 53.679                  | 60.513                    | -13.487        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 17:04                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL            |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5785MHz |

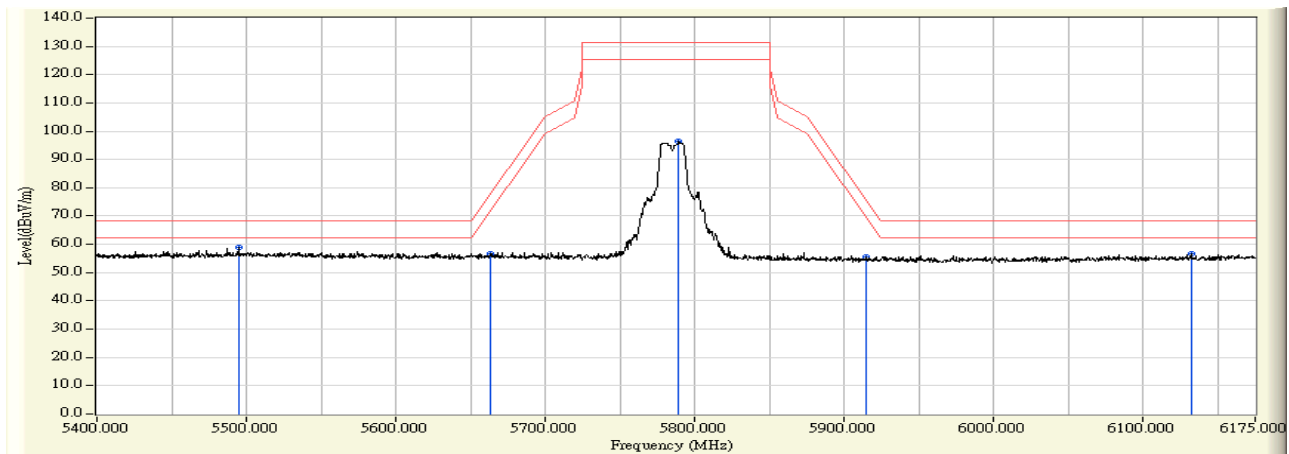


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 0.934                  | 41.441                  | 42.375                    | -11.625        | 54.000            | AVERAGE       |
| 2 |   | 5460.000           | 1.853                  | 41.511                  | 43.364                    | -10.636        | 54.000            | AVERAGE       |
| 3 | * | 5790.000           | 1.307                  | 81.781                  | 83.088                    | 29.088         | 54.000            | AVERAGE       |
| 4 |   | 7250.000           | 5.954                  | 42.356                  | 48.309                    | -5.691         | 54.000            | AVERAGE       |
| 5 |   | 7736.250           | 6.812                  | 42.373                  | 49.185                    | -4.815         | 54.000            | AVERAGE       |
| 6 |   | 7750.000           | 6.833                  | 42.267                  | 49.101                    | -4.899         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:16                            |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                           |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL              |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5785MHz |

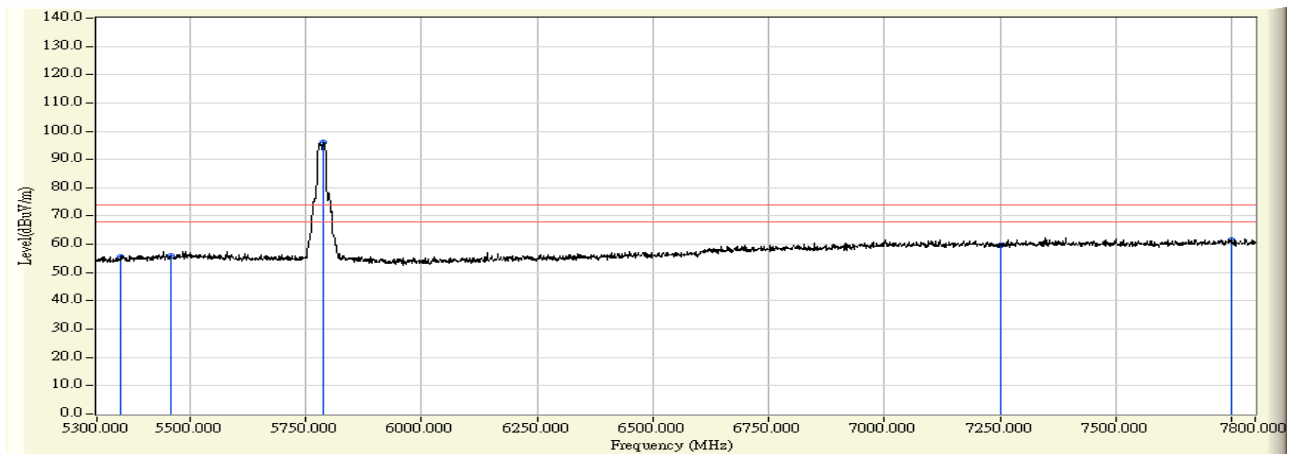


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5494.550           | 2.262                  | 56.607                  | 58.868                    | -9.332         | 68.200            | PEAK          |
| 2 |   | 5663.112           | 1.772                  | 54.894                  | 56.666                    | -21.237        | 77.903            | PEAK          |
| 3 | * | 5789.437           | 1.405                  | 95.210                  | 96.615                    | -34.585        | 131.200           | PEAK          |
| 4 |   | 5914.600           | 1.041                  | 54.487                  | 55.529                    | -20.367        | 75.896            | PEAK          |
| 5 |   | 6132.375           | 1.488                  | 55.050                  | 56.537                    | -11.663        | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 18:18                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL              |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5785MHz |

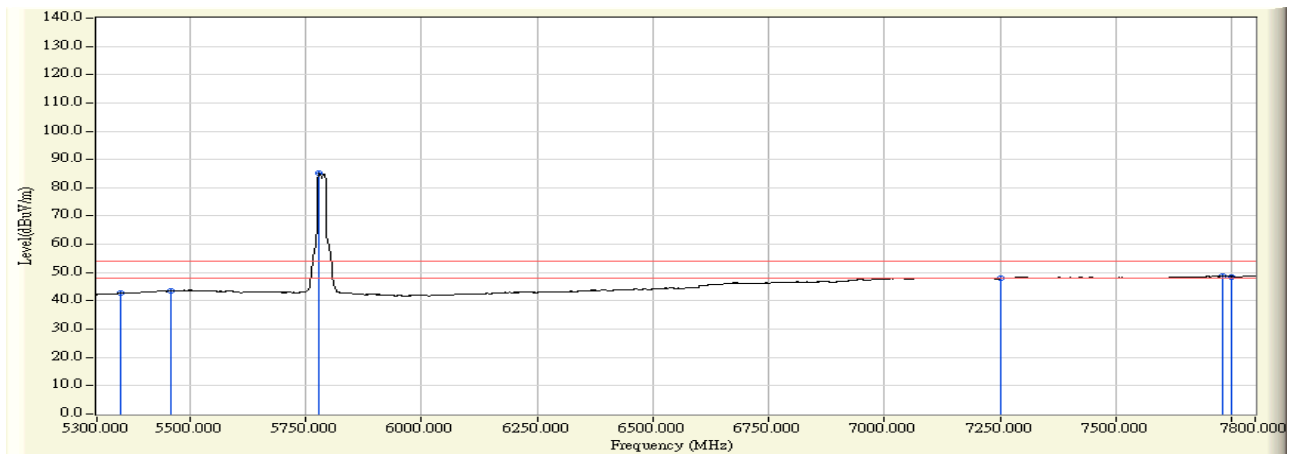


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 1.250                  | 54.225                  | 55.475                    | -18.525        | 74.000            | PEAK          |
| 2 | 5460.000           | 2.114                  | 53.636                  | 55.750                    | -18.250        | 74.000            | PEAK          |
| 3 | * 5790.000         | 1.404                  | 94.868                  | 96.272                    | 22.272         | 74.000            | PEAK          |
| 4 | 7250.000           | 5.454                  | 54.256                  | 59.709                    | -14.291        | 74.000            | PEAK          |
| 5 | 7750.000           | 6.333                  | 55.278                  | 61.612                    | -12.388        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 18:20                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL              |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5785MHz |

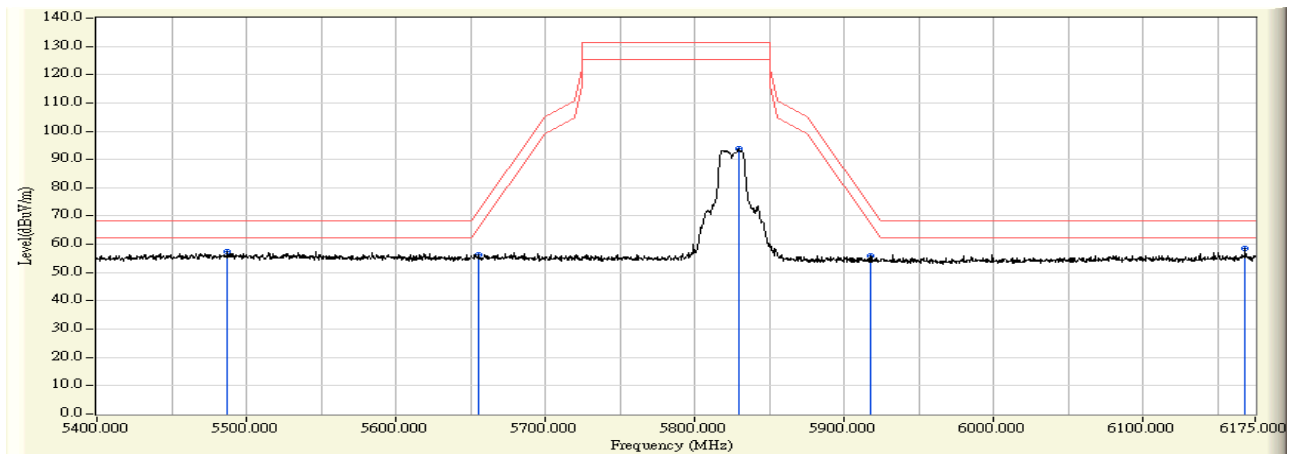


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 1.250                  | 41.456                  | 42.706                    | -11.294        | 54.000            | AVERAGE       |
| 2 | 5460.000           | 2.114                  | 41.478                  | 43.592                    | -10.408        | 54.000            | AVERAGE       |
| 3 | * 5778.750         | 1.436                  | 83.752                  | 85.188                    | 31.188         | 54.000            | AVERAGE       |
| 4 | 7250.000           | 5.454                  | 42.414                  | 47.867                    | -6.133         | 54.000            | AVERAGE       |
| 5 | 7731.250           | 6.304                  | 42.396                  | 48.700                    | -5.300         | 54.000            | AVERAGE       |
| 6 | 7750.000           | 6.333                  | 42.258                  | 48.592                    | -5.408         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:50                            |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                           |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL            |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5825MHz |

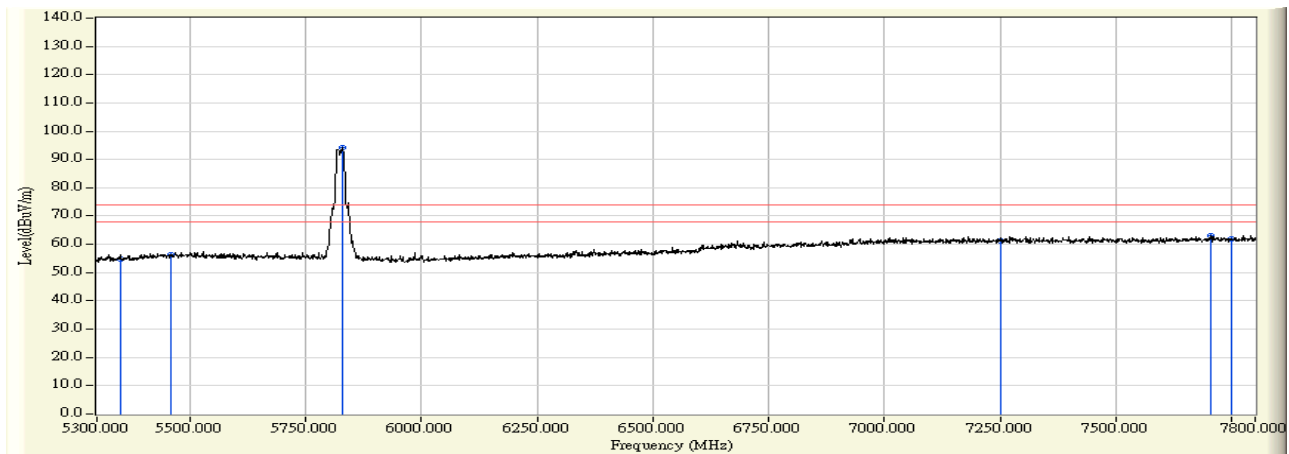


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5487.187           | 2.029                  | 55.475                  | 57.504                    | -10.696        | 68.200            | PEAK          |
| 2 |   | 5655.750           | 1.630                  | 54.762                  | 56.392                    | -16.063        | 72.455            | PEAK          |
| 3 | * | 5829.350           | 1.212                  | 92.623                  | 93.835                    | -37.365        | 131.200           | PEAK          |
| 4 |   | 5918.087           | 0.999                  | 54.920                  | 55.919                    | -17.397        | 73.316            | PEAK          |
| 5 | * | 6168.025           | 1.734                  | 56.785                  | 58.518                    | -9.682         | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                                    |                                                                    |
|----------------------------------------------------|--------------------------------------------------------------------|
| <b>Site : CB1</b>                                  | <b>Time : 2016/11/20 - 17:08</b>                                   |
| <b>Limit : FCC_SpartC_15.209_03M_PK</b>            | <b>Margin : 6</b>                                                  |
| <b>EUT : Dual-band Wireless-AC1200 USB Adapter</b> | <b>Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL</b>                   |
| <b>Power : DC 5V (Power by Notebook PC)</b>        | <b>Note : Mode 1: Transmit_SISO Mode</b><br><b>802.11a_5825MHz</b> |



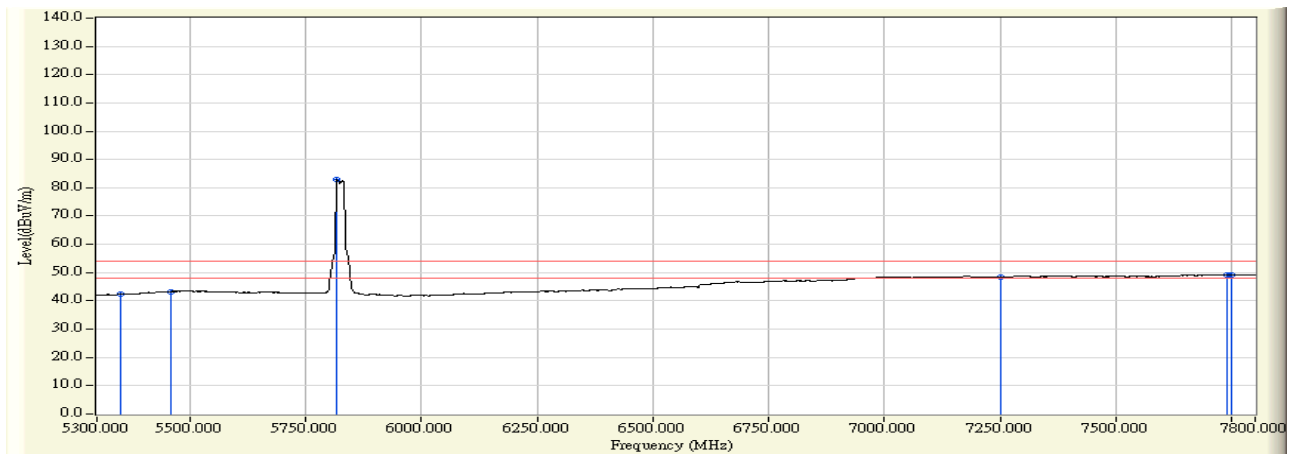
|   |   | <b>Frequency<br/>(MHz)</b> | <b>Correct Factor<br/>(dB)</b> | <b>Reading Level<br/>(dBuV)</b> | <b>Measure Level<br/>(dBuV/m)</b> | <b>Margin<br/>(dB)</b> | <b>Limit<br/>(dBuV/m)</b> | <b>Detector Type</b> |
|---|---|----------------------------|--------------------------------|---------------------------------|-----------------------------------|------------------------|---------------------------|----------------------|
| 1 |   | 5350.000                   | 0.934                          | 53.751                          | 54.685                            | -19.315                | 74.000                    | PEAK                 |
| 2 |   | 5460.000                   | 1.853                          | 54.463                          | 56.316                            | -17.684                | 74.000                    | PEAK                 |
| 3 | * | 5828.750                   | 1.214                          | 92.909                          | 94.123                            | 20.123                 | 74.000                    | PEAK                 |
| 4 |   | 7250.000                   | 5.954                          | 55.227                          | 61.180                            | -12.820                | 74.000                    | PEAK                 |
| 5 |   | 7703.750                   | 6.761                          | 56.213                          | 62.974                            | -11.026                | 74.000                    | PEAK                 |
| 6 |   | 7750.000                   | 6.833                          | 55.227                          | 62.061                            | -11.939                | 74.000                    | PEAK                 |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 17:09                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL            |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5825MHz |

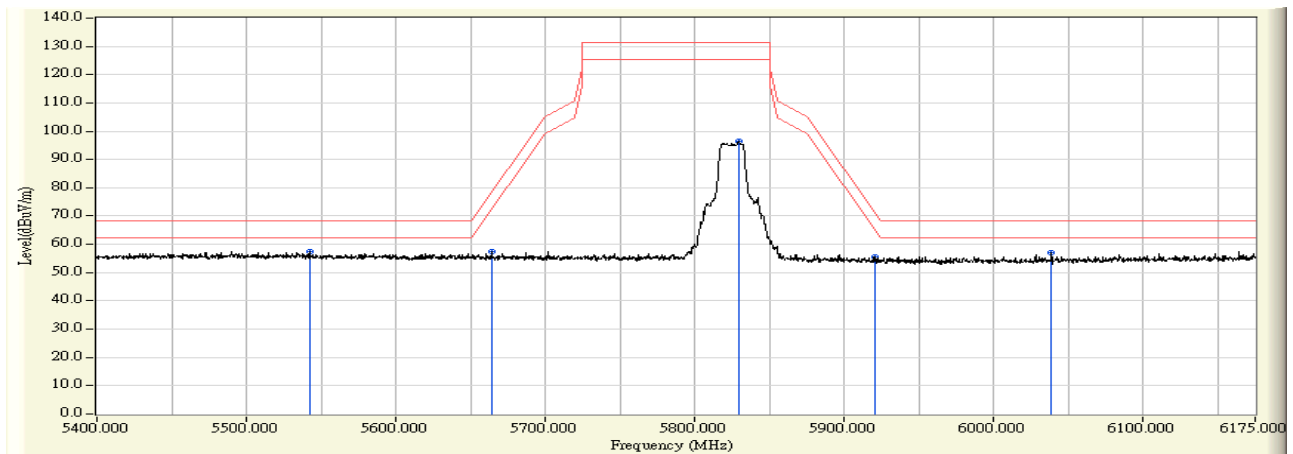


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 0.934                  | 41.459                  | 42.393                    | -11.607        | 54.000            | AVERAGE       |
| 2 | 5460.000           | 1.853                  | 41.476                  | 43.329                    | -10.671        | 54.000            | AVERAGE       |
| 3 | * 5818.750         | 1.238                  | 81.624                  | 82.862                    | 28.862         | 54.000            | AVERAGE       |
| 4 | 7250.000           | 5.954                  | 42.415                  | 48.368                    | -5.632         | 54.000            | AVERAGE       |
| 5 | 7740.000           | 6.818                  | 42.484                  | 49.302                    | -4.698         | 54.000            | AVERAGE       |
| 6 | 7750.000           | 6.833                  | 42.380                  | 49.214                    | -4.786         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:16                            |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                           |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL              |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5825MHz |

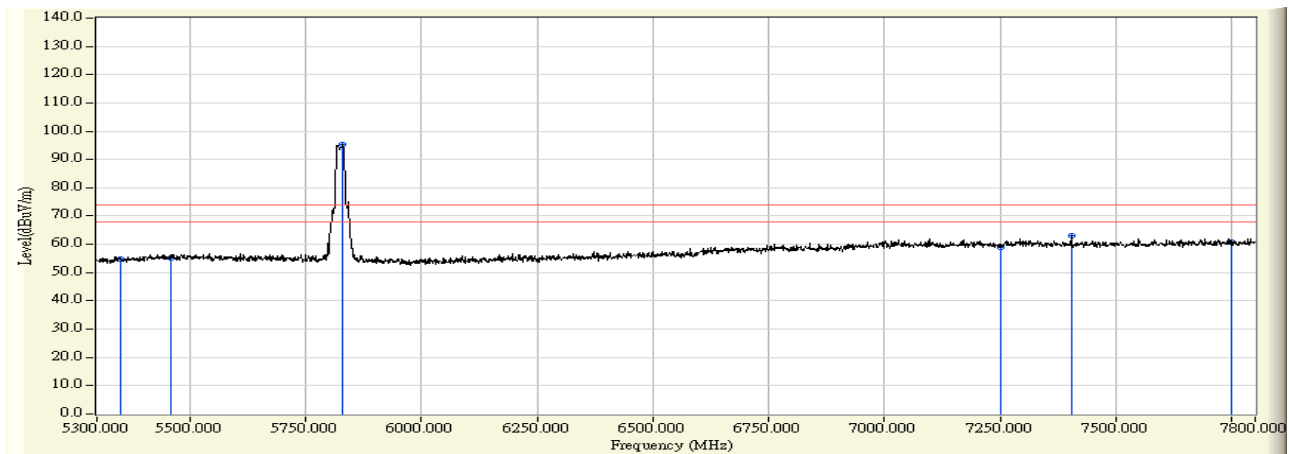


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5542.600           | 2.122                  | 55.147                  | 57.269                    | -10.931        | 68.200            | PEAK          |
| 2 |   | 5663.887           | 1.770                  | 55.530                  | 57.300                    | -21.176        | 78.476            | PEAK          |
| 3 | * | 5829.350           | 1.289                  | 95.087                  | 96.376                    | -34.824        | 131.200           | PEAK          |
| 4 |   | 5920.800           | 1.024                  | 54.620                  | 55.644                    | -15.664        | 71.308            | PEAK          |
| 5 |   | 6038.600           | 1.082                  | 56.128                  | 57.211                    | -10.989        | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 18:27                            |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                           |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL              |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5825MHz |

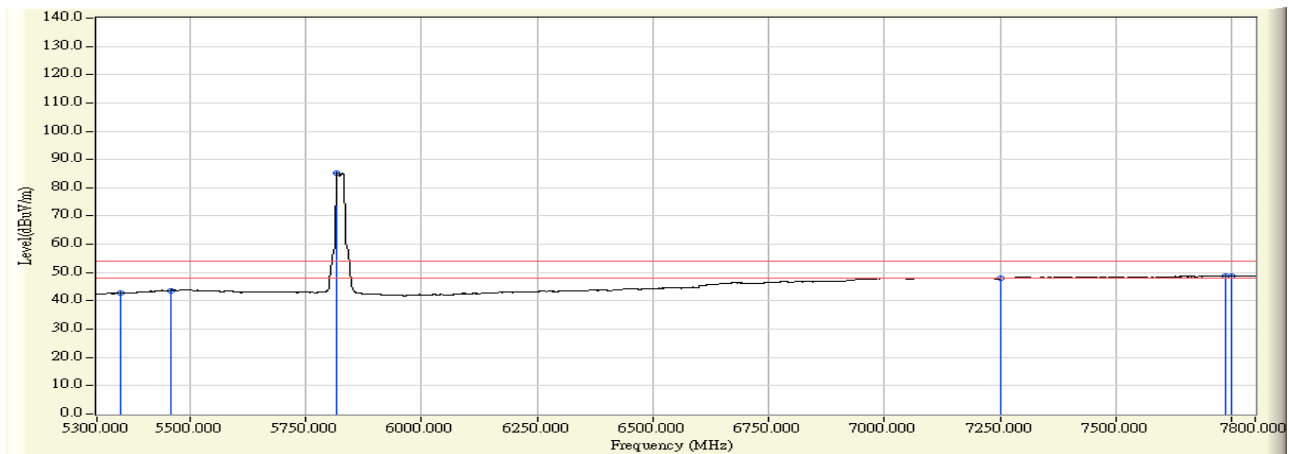


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 1.250                  | 53.426                  | 54.676                    | -19.324        | 74.000            | PEAK          |
| 2 |   | 5460.000           | 2.114                  | 52.924                  | 55.038                    | -18.962        | 74.000            | PEAK          |
| 3 | * | 5830.000           | 1.287                  | 93.891                  | 95.178                    | 21.178         | 74.000            | PEAK          |
| 4 |   | 7250.000           | 5.454                  | 53.427                  | 58.880                    | -15.120        | 74.000            | PEAK          |
| 5 |   | 7402.500           | 5.753                  | 57.161                  | 62.915                    | -11.085        | 74.000            | PEAK          |
| 6 |   | 7750.000           | 6.333                  | 54.459                  | 60.793                    | -13.207        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                      |
|---------------------------------------------|------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 18:29                            |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                           |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL              |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 1: Transmit_SISO Mode<br>802.11a_5825MHz |

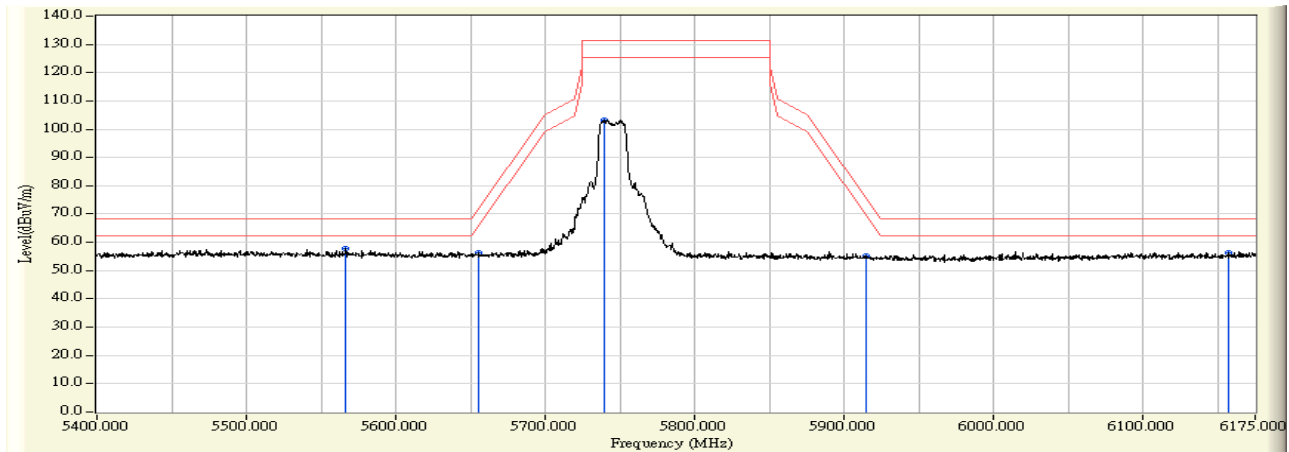


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 1.250                  | 41.578                  | 42.828                    | -11.172        | 54.000            | AVERAGE       |
| 2 |   | 5460.000           | 2.114                  | 41.598                  | 43.712                    | -10.288        | 54.000            | AVERAGE       |
| 3 | * | 5818.750           | 1.320                  | 84.032                  | 85.352                    | 31.352         | 54.000            | AVERAGE       |
| 4 |   | 7250.000           | 5.454                  | 42.476                  | 47.929                    | -6.071         | 54.000            | AVERAGE       |
| 5 |   | 7735.000           | 6.310                  | 42.546                  | 48.856                    | -5.144         | 54.000            | AVERAGE       |
| 6 |   | 7750.000           | 6.333                  | 42.453                  | 48.787                    | -5.213         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:49                                |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5745MHz |

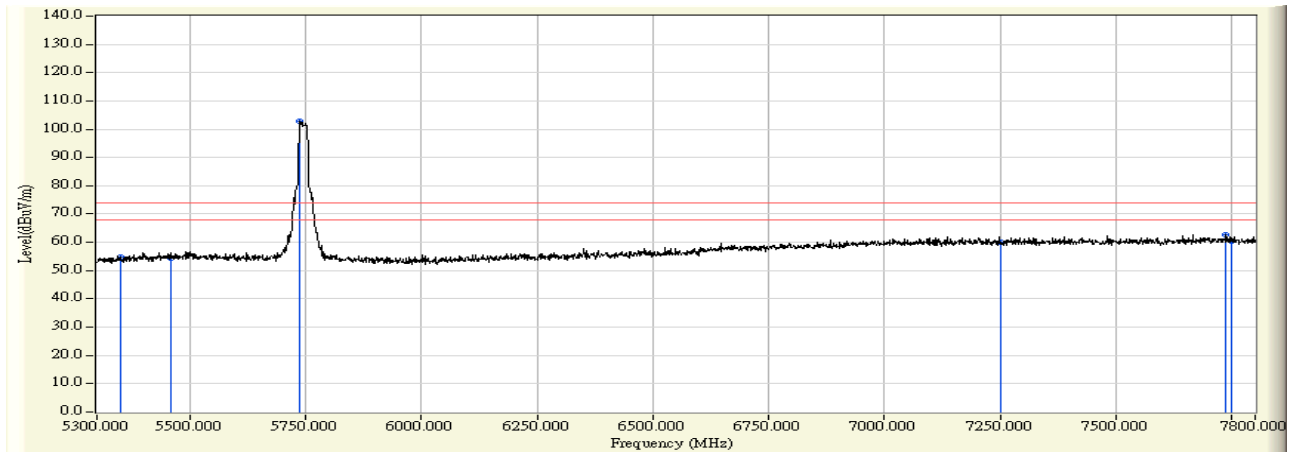


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5566.237           | 1.845                  | 56.074                  | 57.919                    | -10.281        | 68.200            | PEAK          |
| 2 |   | 5655.362           | 1.631                  | 54.619                  | 56.250                    | -15.918        | 72.168            | PEAK          |
| 3 | * | 5739.062           | 1.430                  | 101.906                 | 103.335                   | -27.865        | 131.200           | PEAK          |
| 4 |   | 5914.212           | 1.008                  | 54.218                  | 55.226                    | -20.957        | 76.183            | PEAK          |
| 5 |   | 6157.562           | 1.683                  | 54.636                  | 56.319                    | -11.881        | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 17:20                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5745MHz |

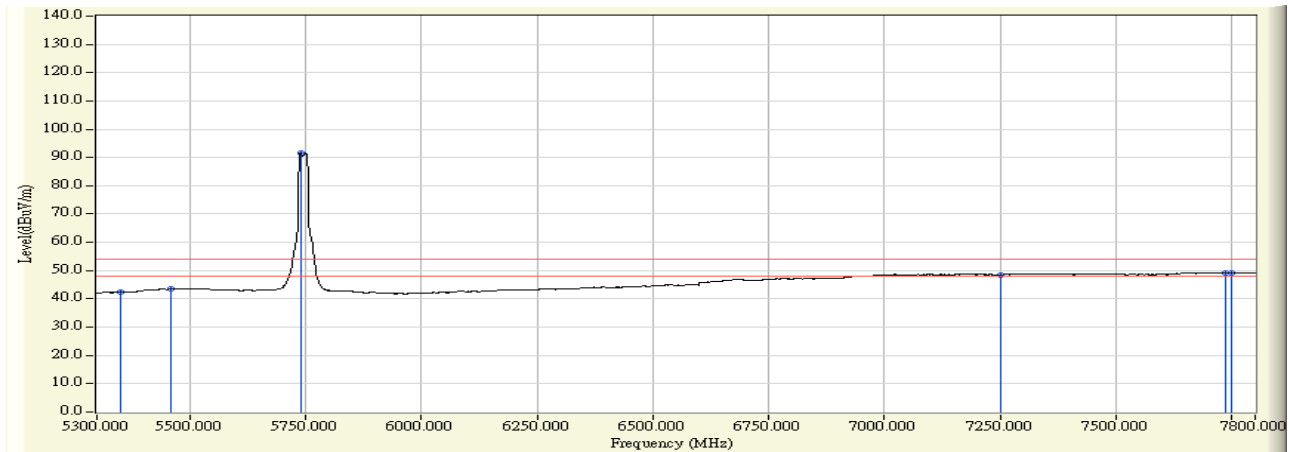


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 0.934                  | 53.685                  | 54.619                    | -19.381        | 74.000            | PEAK          |
| 2 | 5460.000           | 1.853                  | 52.410                  | 54.263                    | -19.737        | 74.000            | PEAK          |
| 3 | * 5738.750         | 1.430                  | 101.275                 | 102.705                   | 28.705         | 74.000            | PEAK          |
| 4 | 7250.000           | 5.954                  | 54.162                  | 60.115                    | -13.885        | 74.000            | PEAK          |
| 5 | 7737.500           | 6.814                  | 55.732                  | 62.546                    | -11.454        | 74.000            | PEAK          |
| 6 | 7750.000           | 6.833                  | 53.411                  | 60.245                    | -13.755        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 17:21                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5745MHz |

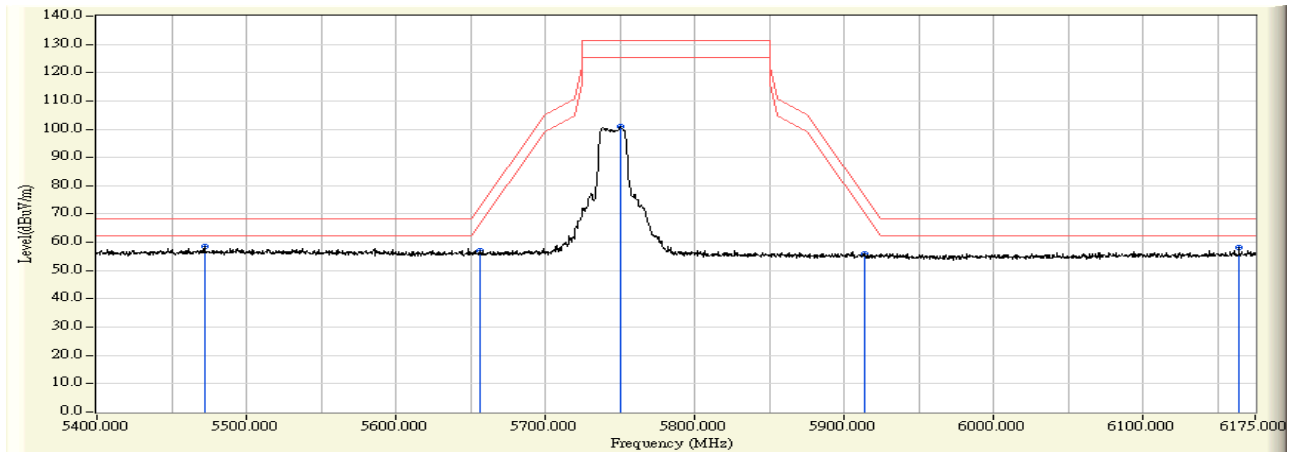


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 0.934                  | 41.477                  | 42.411                    | -11.589        | 54.000            | AVERAGE       |
| 2 |   | 5460.000           | 1.853                  | 41.687                  | 43.540                    | -10.460        | 54.000            | AVERAGE       |
| 3 | * | 5740.000           | 1.427                  | 90.180                  | 91.607                    | 37.607         | 54.000            | AVERAGE       |
| 4 |   | 7250.000           | 5.954                  | 42.628                  | 48.581                    | -5.419         | 54.000            | AVERAGE       |
| 5 |   | 7737.500           | 6.814                  | 42.369                  | 49.183                    | -4.817         | 54.000            | AVERAGE       |
| 6 |   | 7750.000           | 6.833                  | 42.309                  | 49.143                    | -4.857         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:15                                |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                  |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5745MHz |



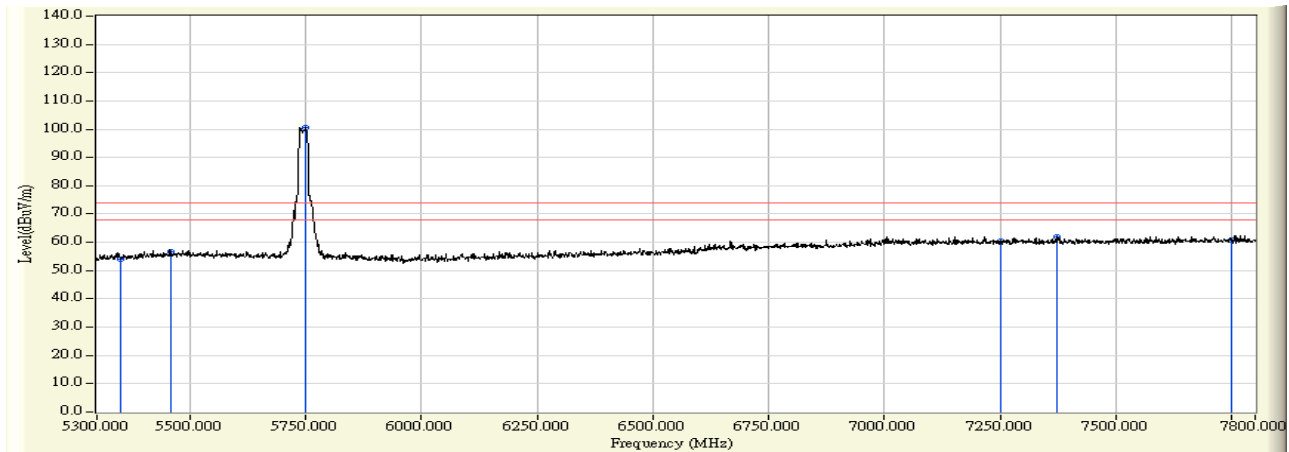
|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5472.075           | 2.205                  | 56.193                  | 58.399                    | -9.801         | 68.200            | PEAK          |
| 2 |   | 5656.137           | 1.792                  | 55.303                  | 57.095                    | -15.646        | 72.741            | PEAK          |
| 3 | * | 5750.300           | 1.518                  | 99.472                  | 100.991                   | -30.209        | 131.200           | PEAK          |
| 4 |   | 5913.437           | 1.045                  | 54.824                  | 55.869                    | -20.888        | 76.757            | PEAK          |
| 5 |   | 6164.150           | 1.624                  | 56.441                  | 58.065                    | -10.135        | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 18:42                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                  |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5745MHz |

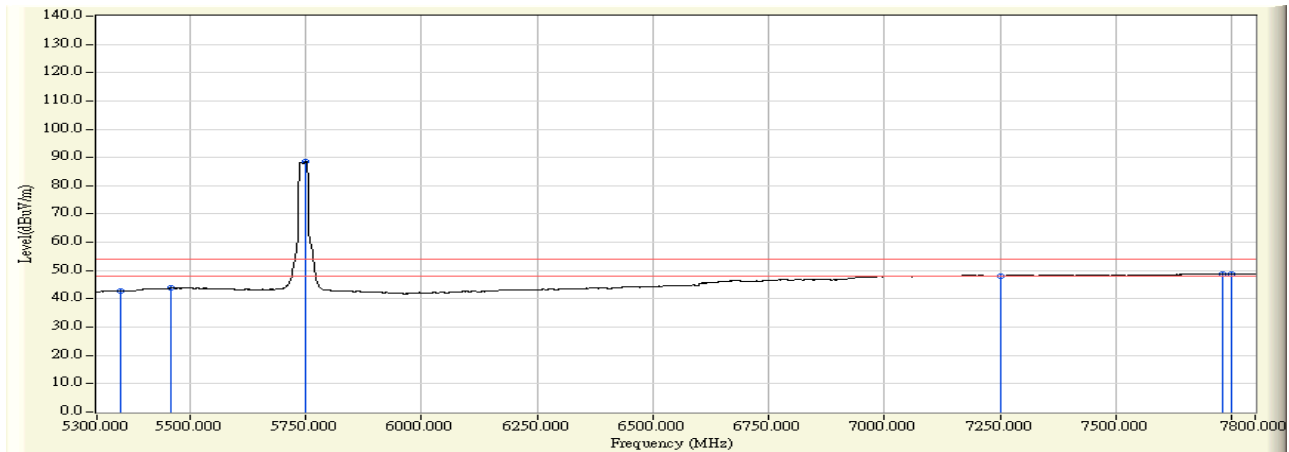


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 1.250                  | 52.905                  | 54.155                    | -19.845        | 74.000            | PEAK          |
| 2 |   | 5460.000           | 2.114                  | 54.713                  | 56.827                    | -17.173        | 74.000            | PEAK          |
| 3 | * | 5750.000           | 1.520                  | 99.016                  | 100.536                   | 26.536         | 74.000            | PEAK          |
| 4 |   | 7250.000           | 5.454                  | 54.807                  | 60.260                    | -13.740        | 74.000            | PEAK          |
| 5 |   | 7372.500           | 5.694                  | 56.308                  | 62.003                    | -11.997        | 74.000            | PEAK          |
| 6 |   | 7750.000           | 6.333                  | 54.431                  | 60.765                    | -13.235        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 18:43                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                  |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5745MHz |

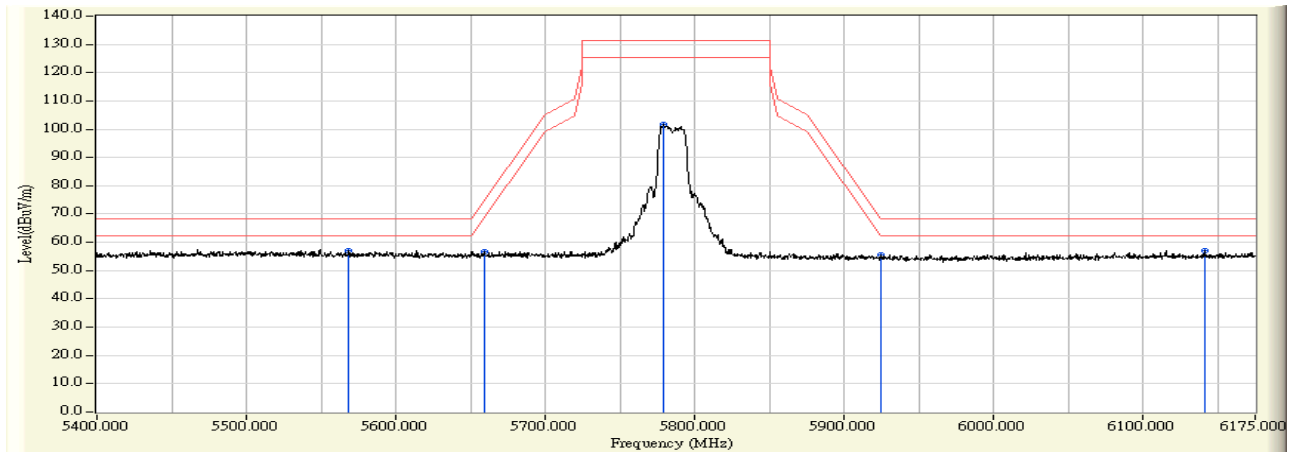


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 1.250                  | 41.648                  | 42.898                    | -11.102        | 54.000            | AVERAGE       |
| 2 | 5460.000           | 2.114                  | 41.622                  | 43.736                    | -10.264        | 54.000            | AVERAGE       |
| 3 | * 5750.000         | 1.520                  | 87.161                  | 88.681                    | 34.681         | 54.000            | AVERAGE       |
| 4 | 7250.000           | 5.454                  | 42.549                  | 48.002                    | -5.998         | 54.000            | AVERAGE       |
| 5 | 7730.000           | 6.302                  | 42.634                  | 48.936                    | -5.064         | 54.000            | AVERAGE       |
| 6 | 7750.000           | 6.333                  | 42.427                  | 48.761                    | -5.239         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:22                                |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5785MHz |

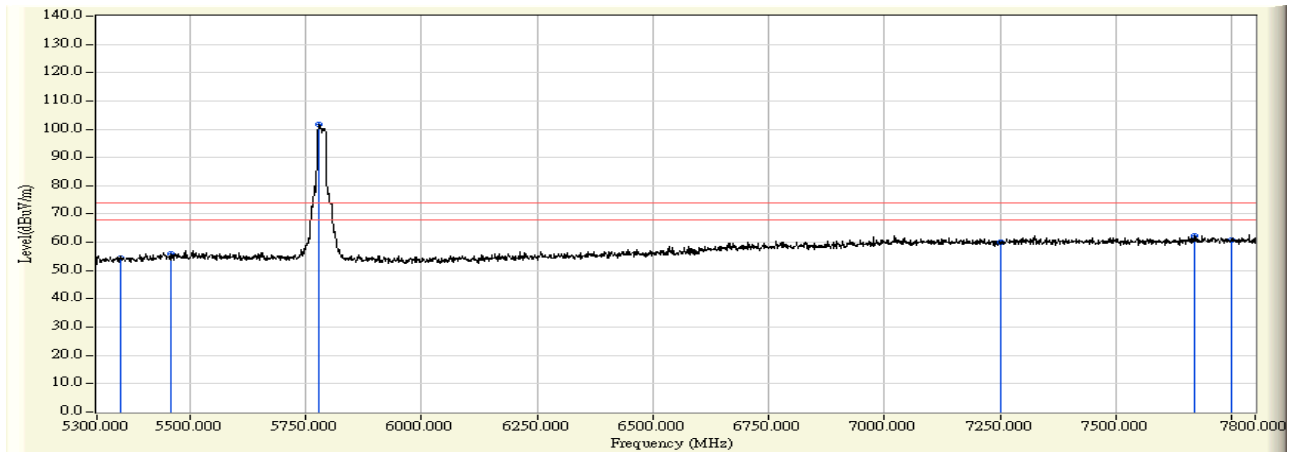


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5568.175           | 1.840                  | 55.148                  | 56.988                    | -11.212        | 68.200            | PEAK          |
| 2 |   | 5658.850           | 1.622                  | 55.041                  | 56.663                    | -18.086        | 74.749            | PEAK          |
| 3 | * | 5779.362           | 1.333                  | 100.432                 | 101.765                   | -29.435        | 131.200           | PEAK          |
| 4 |   | 5924.287           | 0.984                  | 54.733                  | 55.717                    | -13.011        | 68.728            | PEAK          |
| 5 |   | 6140.900           | 1.603                  | 55.367                  | 56.970                    | -11.230        | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 17:24                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5785MHz |

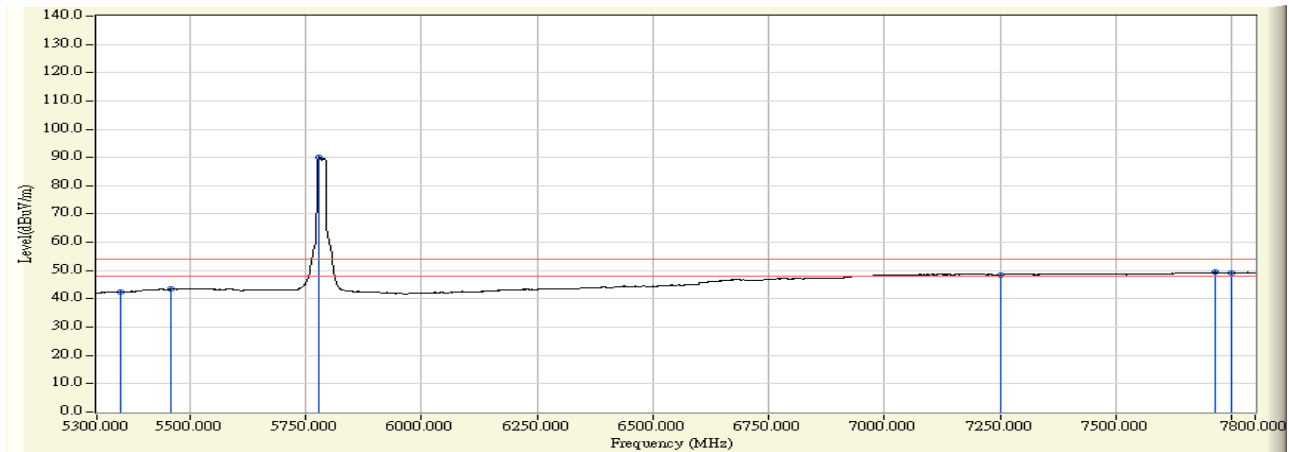


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 0.934                  | 53.372                  | 54.306                    | -19.694        | 74.000            | PEAK          |
| 2 |   | 5460.000           | 1.853                  | 53.915                  | 55.768                    | -18.232        | 74.000            | PEAK          |
| 3 | * | 5778.750           | 1.334                  | 100.208                 | 101.542                   | 27.542         | 74.000            | PEAK          |
| 4 |   | 7250.000           | 5.954                  | 53.938                  | 59.891                    | -14.109        | 74.000            | PEAK          |
| 5 |   | 7667.500           | 6.703                  | 55.533                  | 62.237                    | -11.763        | 74.000            | PEAK          |
| 6 |   | 7750.000           | 6.833                  | 53.854                  | 60.688                    | -13.312        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 17:25                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5785MHz |

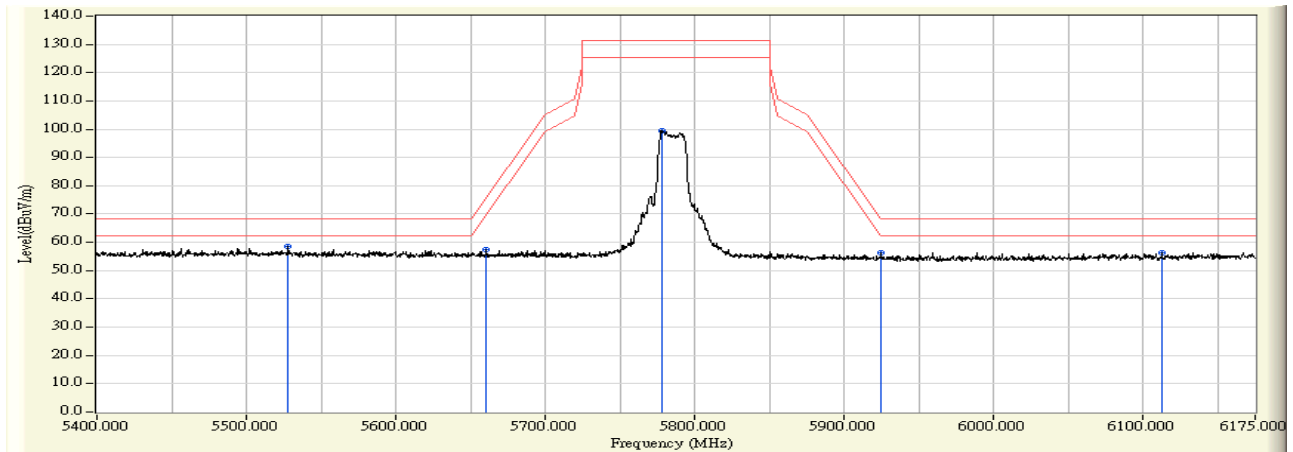


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 0.934                  | 41.554                  | 42.488                    | -11.512        | 54.000            | AVERAGE       |
| 2 | 5460.000           | 1.853                  | 41.634                  | 43.487                    | -10.513        | 54.000            | AVERAGE       |
| 3 | * 5780.000         | 1.331                  | 88.863                  | 90.194                    | 36.194         | 54.000            | AVERAGE       |
| 4 | 7250.000           | 5.954                  | 42.577                  | 48.530                    | -5.470         | 54.000            | AVERAGE       |
| 5 | 7713.750           | 6.777                  | 42.642                  | 49.419                    | -4.581         | 54.000            | AVERAGE       |
| 6 | 7750.000           | 6.833                  | 42.361                  | 49.195                    | -4.805         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:14                                |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                  |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5785MHz |

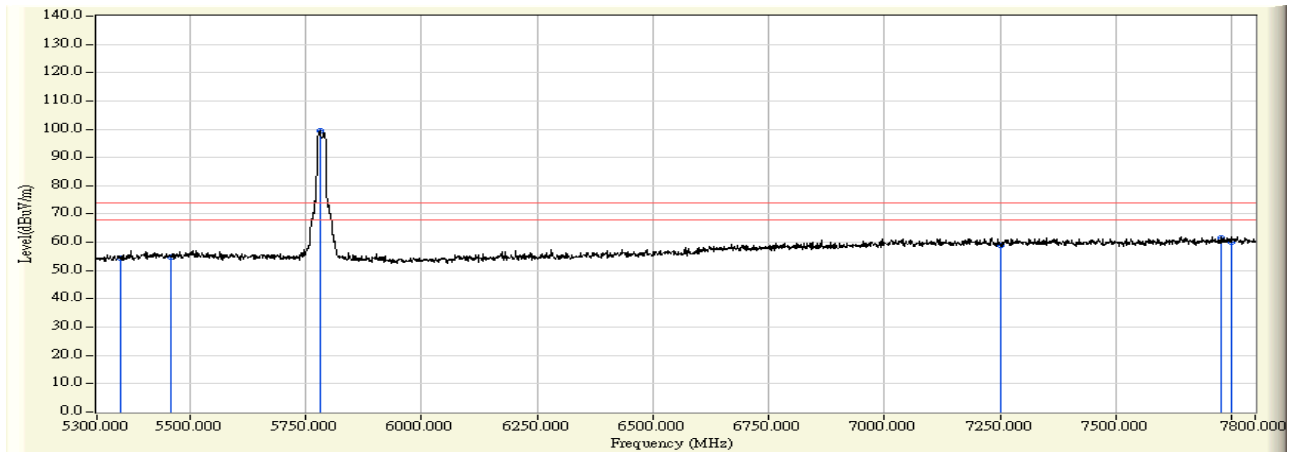


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5527.875           | 2.165                  | 56.232                  | 58.397                    | -9.803         | 68.200            | PEAK          |
| 2 |   | 5660.787           | 1.779                  | 55.521                  | 57.300                    | -18.882        | 76.182            | PEAK          |
| 3 | * | 5778.200           | 1.438                  | 98.178                  | 99.616                    | -31.584        | 131.200           | PEAK          |
| 4 |   | 5924.675           | 1.012                  | 55.235                  | 56.247                    | -12.193        | 68.440            | PEAK          |
| 5 |   | 6112.612           | 1.401                  | 54.985                  | 56.387                    | -11.813        | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 18:58                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                  |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5785MHz |

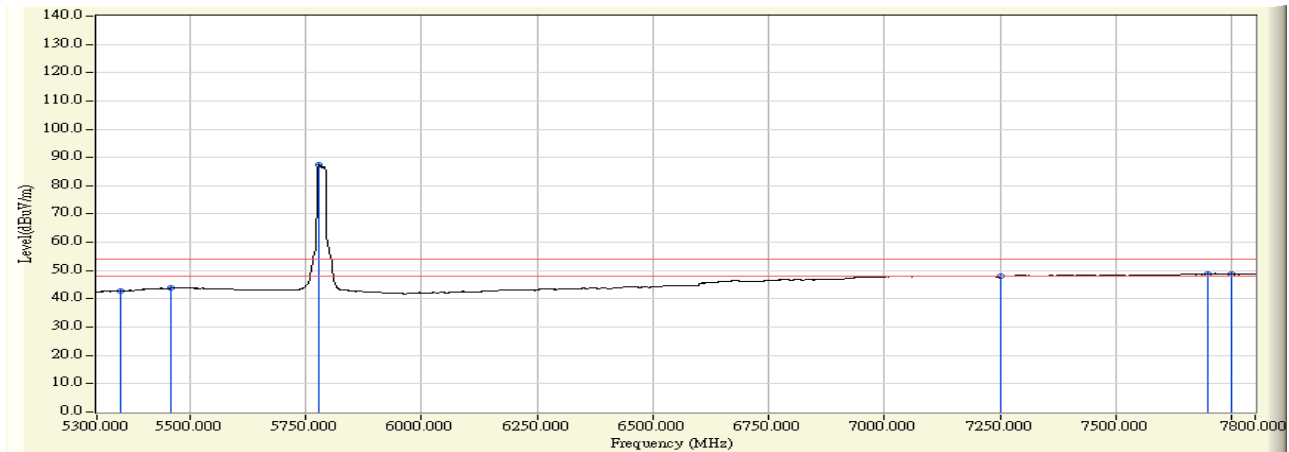


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 1.250                  | 53.147                  | 54.397                    | -19.603        | 74.000            | PEAK          |
| 2 | 5460.000           | 2.114                  | 52.846                  | 54.960                    | -19.040        | 74.000            | PEAK          |
| 3 | * 5781.250         | 1.429                  | 98.006                  | 99.435                    | 25.435         | 74.000            | PEAK          |
| 4 | 7250.000           | 5.454                  | 53.515                  | 58.968                    | -15.032        | 74.000            | PEAK          |
| 5 | 7725.000           | 6.294                  | 55.319                  | 61.613                    | -12.387        | 74.000            | PEAK          |
| 6 | 7750.000           | 6.333                  | 53.706                  | 60.040                    | -13.960        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 19:00                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                  |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5785MHz |



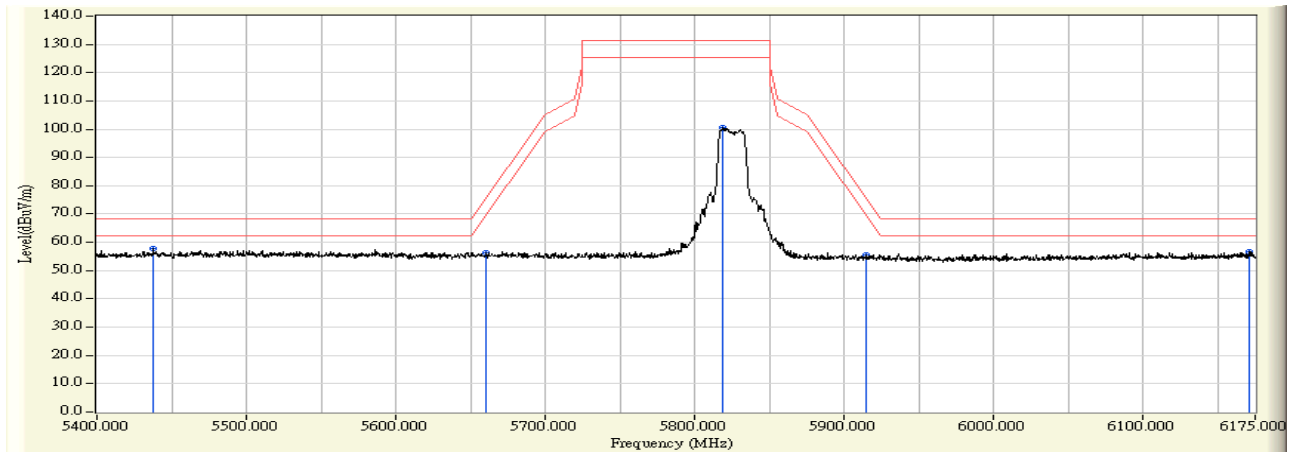
|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 1.250                  | 41.697                  | 42.947                    | -11.053        | 54.000            | AVERAGE       |
| 2 | 5460.000           | 2.114                  | 41.634                  | 43.748                    | -10.252        | 54.000            | AVERAGE       |
| 3 | * 5780.000         | 1.433                  | 86.015                  | 87.448                    | 33.448         | 54.000            | AVERAGE       |
| 4 | 7250.000           | 5.454                  | 42.423                  | 47.876                    | -6.124         | 54.000            | AVERAGE       |
| 5 | 7698.750           | 6.253                  | 42.622                  | 48.875                    | -5.125         | 54.000            | AVERAGE       |
| 6 | 7750.000           | 6.333                  | 42.358                  | 48.692                    | -5.308         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:21                                |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5825MHz |

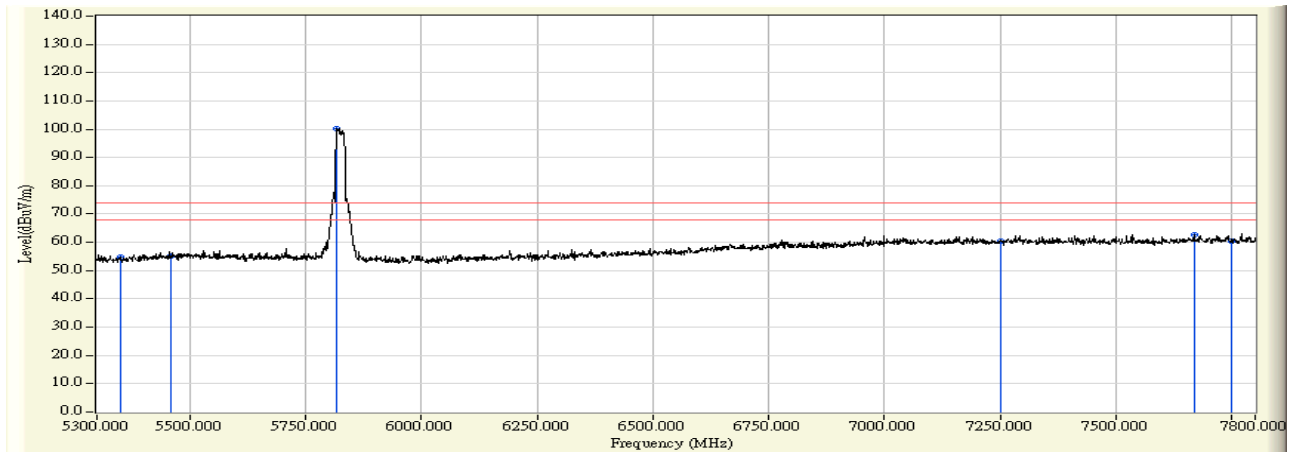


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5437.587           | 1.666                  | 56.235                  | 57.901                    | -10.299        | 68.200            | PEAK          |
| 2 |   | 5660.400           | 1.619                  | 54.713                  | 56.332                    | -19.564        | 75.896            | PEAK          |
| 3 | * | 5818.887           | 1.237                  | 99.165                  | 100.403                   | -30.797        | 131.200           | PEAK          |
| 4 |   | 5914.212           | 1.008                  | 54.724                  | 55.732                    | -20.451        | 76.183            | PEAK          |
| 5 |   | 6170.737           | 1.747                  | 54.750                  | 56.496                    | -11.704        | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 17:28                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5825MHz |

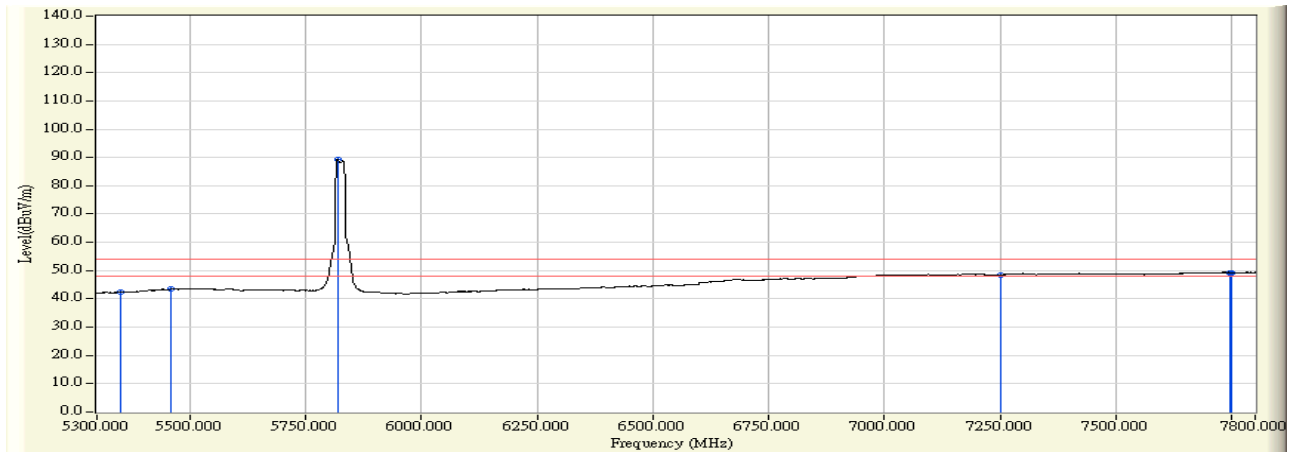


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 0.934                  | 53.686                  | 54.620                    | -19.380        | 74.000            | PEAK          |
| 2 | 5460.000           | 1.853                  | 53.161                  | 55.014                    | -18.986        | 74.000            | PEAK          |
| 3 | * 5818.750         | 1.238                  | 99.123                  | 100.361                   | 26.361         | 74.000            | PEAK          |
| 4 | 7250.000           | 5.954                  | 54.537                  | 60.490                    | -13.510        | 74.000            | PEAK          |
| 5 | 7668.750           | 6.706                  | 55.855                  | 62.560                    | -11.440        | 74.000            | PEAK          |
| 6 | 7750.000           | 6.833                  | 53.591                  | 60.425                    | -13.575        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 17:29                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5825MHz |

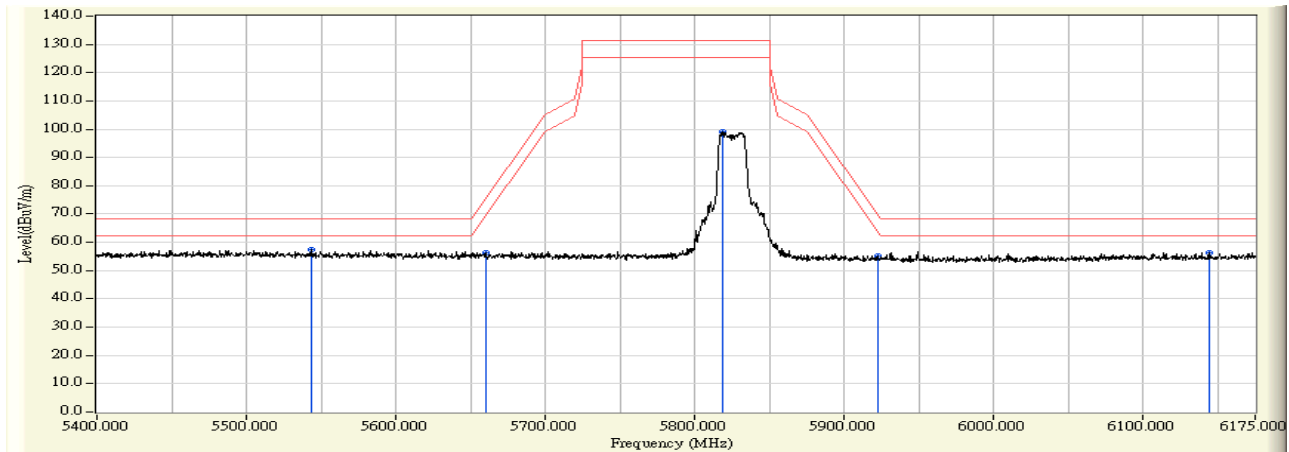


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 0.934                  | 41.498                  | 42.432                    | -11.568        | 54.000            | AVERAGE       |
| 2 | 5460.000           | 1.853                  | 41.520                  | 43.373                    | -10.627        | 54.000            | AVERAGE       |
| 3 | * 5820.000         | 1.235                  | 88.046                  | 89.281                    | 35.281         | 54.000            | AVERAGE       |
| 4 | 7250.000           | 5.954                  | 42.466                  | 48.419                    | -5.581         | 54.000            | AVERAGE       |
| 5 | 7745.000           | 6.826                  | 42.491                  | 49.317                    | -4.683         | 54.000            | AVERAGE       |
| 6 | 7750.000           | 6.833                  | 42.421                  | 49.255                    | -4.745         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:14                                |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                  |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5825MHz |

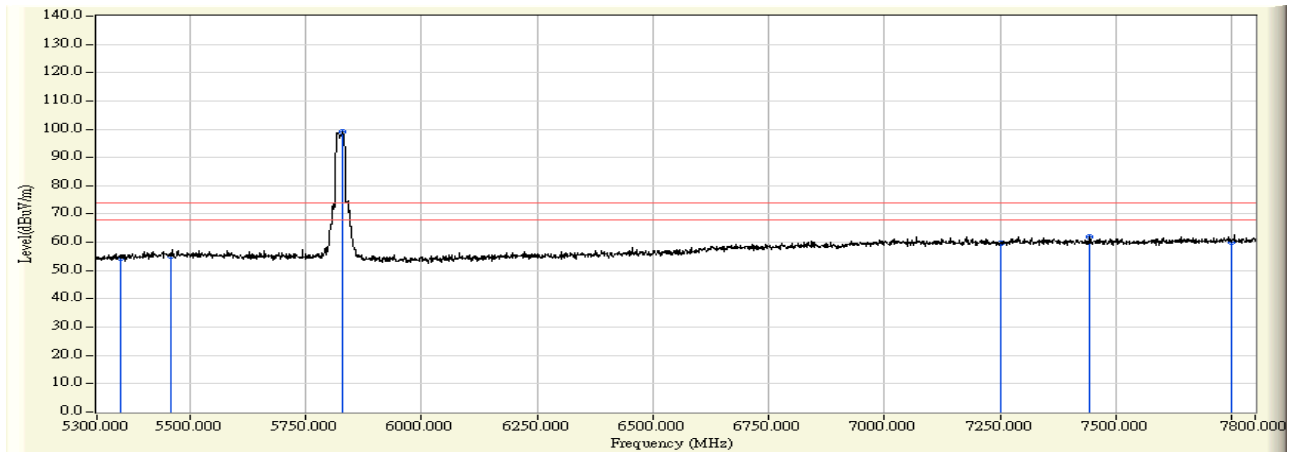


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5543.375           | 2.120                  | 55.199                  | 57.319                    | -10.881        | 68.200            | PEAK          |
| 2 |   | 5660.012           | 1.780                  | 54.335                  | 56.116                    | -19.493        | 75.609            | PEAK          |
| 3 | * | 5818.887           | 1.319                  | 97.763                  | 99.083                    | -32.117        | 131.200           | PEAK          |
| 4 |   | 5922.350           | 1.019                  | 54.105                  | 55.124                    | -15.037        | 70.161            | PEAK          |
| 5 |   | 6144.000           | 1.537                  | 54.762                  | 56.299                    | -11.901        | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 19:03                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                  |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5825MHz |

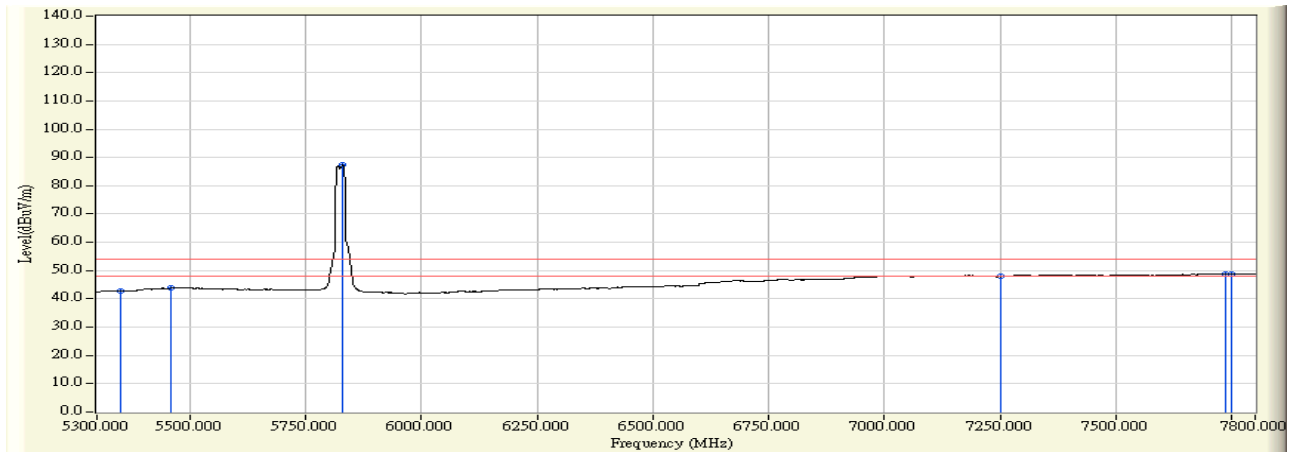


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 1.250                  | 53.284                  | 54.534                    | -19.466        | 74.000            | PEAK          |
| 2 | 5460.000           | 2.114                  | 52.890                  | 55.004                    | -18.996        | 74.000            | PEAK          |
| 3 | * 5831.250         | 1.284                  | 97.908                  | 99.192                    | 25.192         | 74.000            | PEAK          |
| 4 | 7250.000           | 5.454                  | 54.249                  | 59.702                    | -14.298        | 74.000            | PEAK          |
| 5 | 7441.250           | 5.829                  | 56.126                  | 61.956                    | -12.044        | 74.000            | PEAK          |
| 6 | 7750.000           | 6.333                  | 53.810                  | 60.144                    | -13.856        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 19:04                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                  |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(20M)_5825MHz |

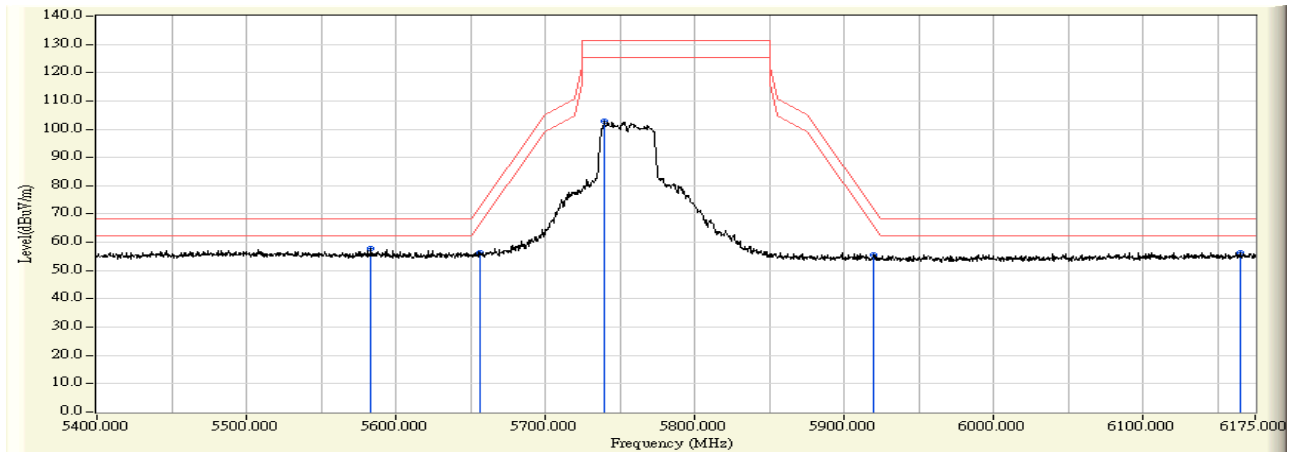


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 1.250                  | 41.657                  | 42.907                    | -11.093        | 54.000            | AVERAGE       |
| 2 |   | 5460.000           | 2.114                  | 41.678                  | 43.792                    | -10.208        | 54.000            | AVERAGE       |
| 3 | * | 5830.000           | 1.287                  | 86.110                  | 87.397                    | 33.397         | 54.000            | AVERAGE       |
| 4 |   | 7250.000           | 5.454                  | 42.497                  | 47.950                    | -6.050         | 54.000            | AVERAGE       |
| 5 |   | 7735.000           | 6.310                  | 42.546                  | 48.856                    | -5.144         | 54.000            | AVERAGE       |
| 6 |   | 7750.000           | 6.333                  | 42.424                  | 48.758                    | -5.242         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:19                                |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5755MHz |

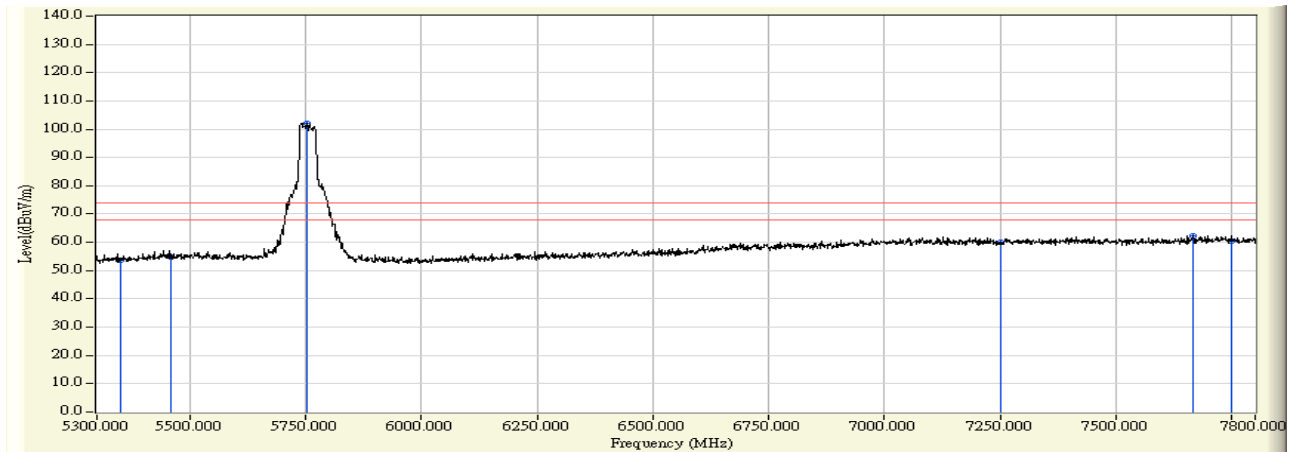


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5583.287           | 1.804                  | 55.826                  | 57.630                    | -10.570        | 68.200            | PEAK          |
| 2 |   | 5656.137           | 1.629                  | 54.708                  | 56.337                    | -16.404        | 72.741            | PEAK          |
| 3 | * | 5739.450           | 1.429                  | 101.497                 | 102.926                   | -28.274        | 131.200           | PEAK          |
| 4 |   | 5920.025           | 0.994                  | 54.642                  | 55.636                    | -16.246        | 71.882            | PEAK          |
| 5 |   | 6164.925           | 1.719                  | 54.679                  | 56.397                    | -11.803        | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 17:36                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5755MHz |



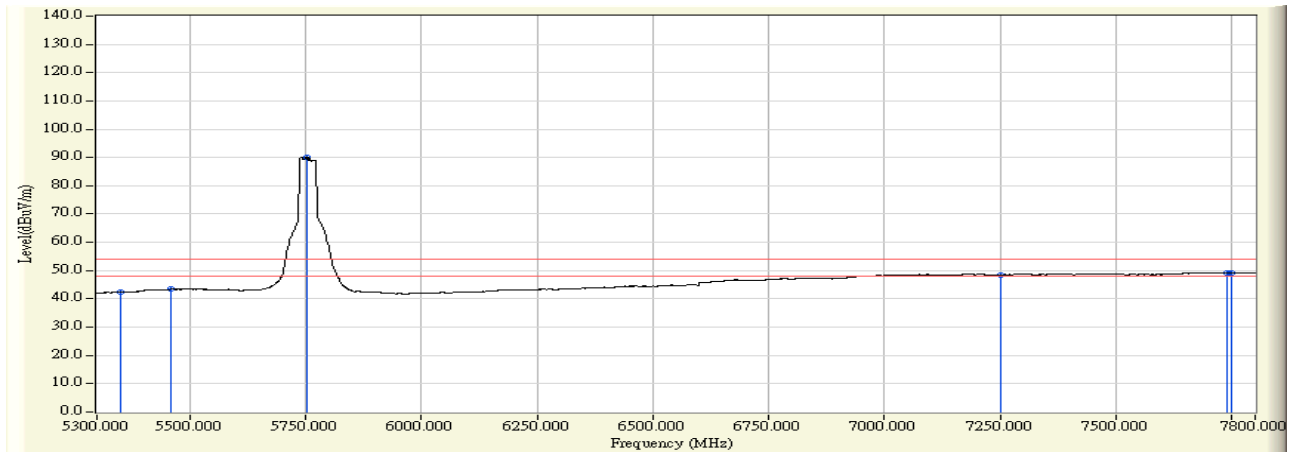
|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 0.934                  | 52.847                  | 53.781                    | -20.219        | 74.000            | PEAK          |
| 2 | 5460.000           | 1.853                  | 53.121                  | 54.974                    | -19.026        | 74.000            | PEAK          |
| 3 | * 5753.750         | 1.394                  | 100.868                 | 102.262                   | 28.262         | 74.000            | PEAK          |
| 4 | 7250.000           | 5.954                  | 54.082                  | 60.035                    | -13.965        | 74.000            | PEAK          |
| 5 | 7666.250           | 6.702                  | 55.619                  | 62.321                    | -11.679        | 74.000            | PEAK          |
| 6 | 7750.000           | 6.833                  | 53.707                  | 60.541                    | -13.459        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 17:37                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5755MHz |

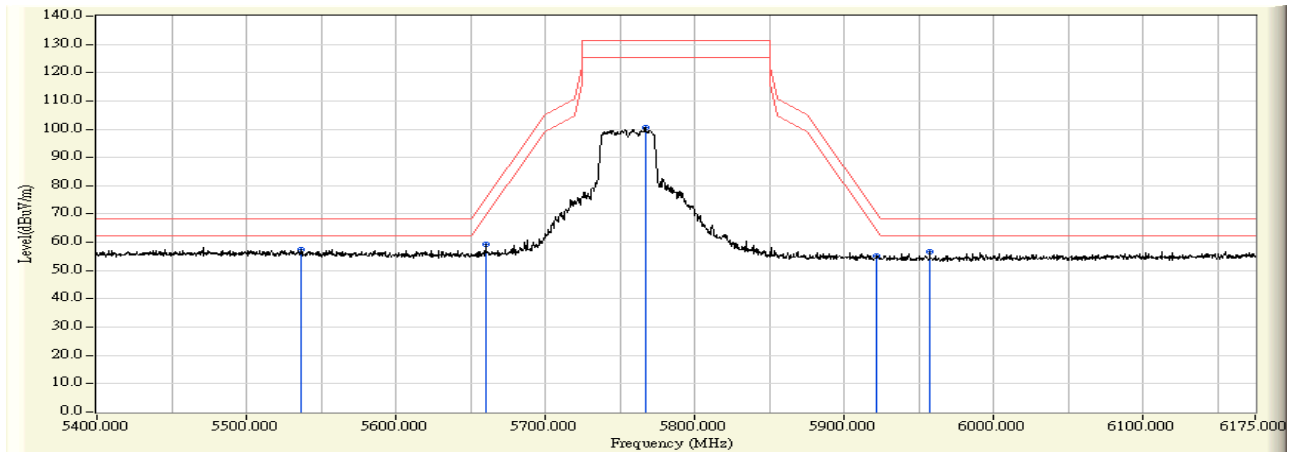


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 0.934                  | 41.523                  | 42.457                    | -11.543        | 54.000            | AVERAGE       |
| 2 |   | 5460.000           | 1.853                  | 41.538                  | 43.391                    | -10.609        | 54.000            | AVERAGE       |
| 3 | * | 5752.500           | 1.398                  | 88.864                  | 90.261                    | 36.261         | 54.000            | AVERAGE       |
| 4 |   | 7250.000           | 5.954                  | 42.405                  | 48.358                    | -5.642         | 54.000            | AVERAGE       |
| 5 |   | 7738.750           | 6.816                  | 42.444                  | 49.260                    | -4.740         | 54.000            | AVERAGE       |
| 6 |   | 7750.000           | 6.833                  | 42.293                  | 49.127                    | -4.873         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:12                                |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                  |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5755MHz |

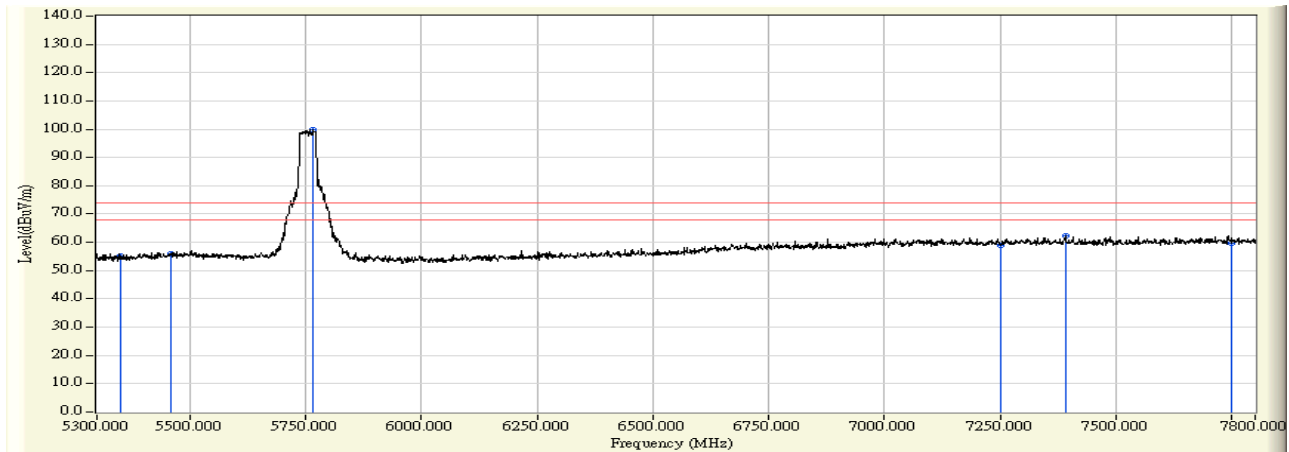


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5536.400           | 2.140                  | 55.323                  | 57.463                    | -10.737        | 68.200            | PEAK          |
| 2 |   | 5660.012           | 1.780                  | 57.597                  | 59.378                    | -16.231        | 75.609            | PEAK          |
| 3 | * | 5766.962           | 1.470                  | 98.995                  | 100.465                   | -30.735        | 131.200           | PEAK          |
| 4 |   | 5921.575           | 1.021                  | 54.323                  | 55.344                    | -15.391        | 70.734            | PEAK          |
| 5 |   | 5957.225           | 0.918                  | 55.754                  | 56.672                    | -11.528        | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 19:10                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                  |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5755MHz |

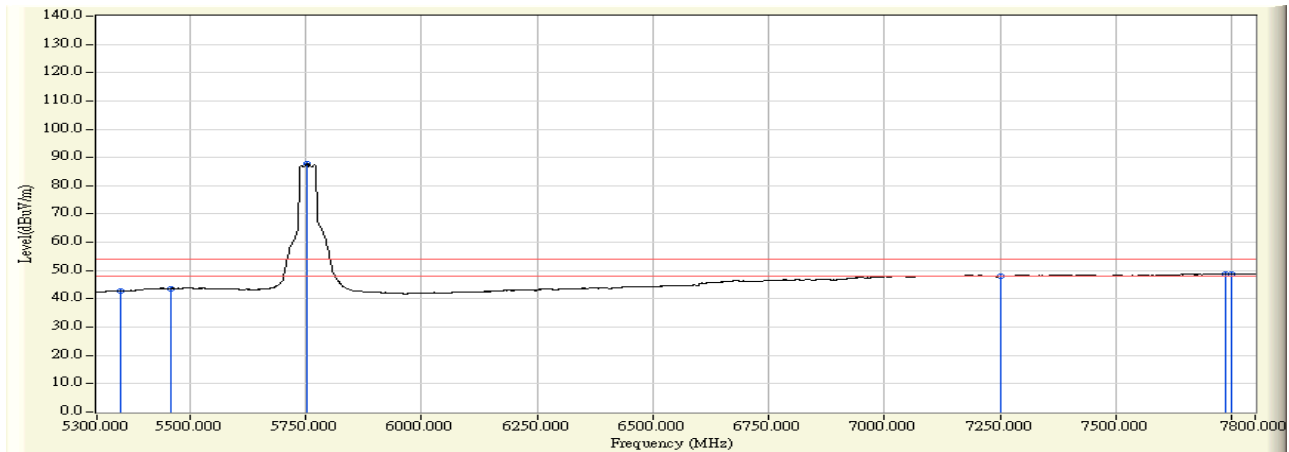


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 1.250                  | 54.089                  | 55.339                    | -18.661        | 74.000            | PEAK          |
| 2 | 5460.000           | 2.114                  | 53.868                  | 55.982                    | -18.018        | 74.000            | PEAK          |
| 3 | * 5767.500         | 1.469                  | 98.437                  | 99.906                    | 25.906         | 74.000            | PEAK          |
| 4 | 7250.000           | 5.454                  | 53.445                  | 58.898                    | -15.102        | 74.000            | PEAK          |
| 5 | 7390.000           | 5.729                  | 56.529                  | 62.258                    | -11.742        | 74.000            | PEAK          |
| 6 | 7750.000           | 6.333                  | 53.412                  | 59.746                    | -14.254        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 19:12                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                  |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5755MHz |

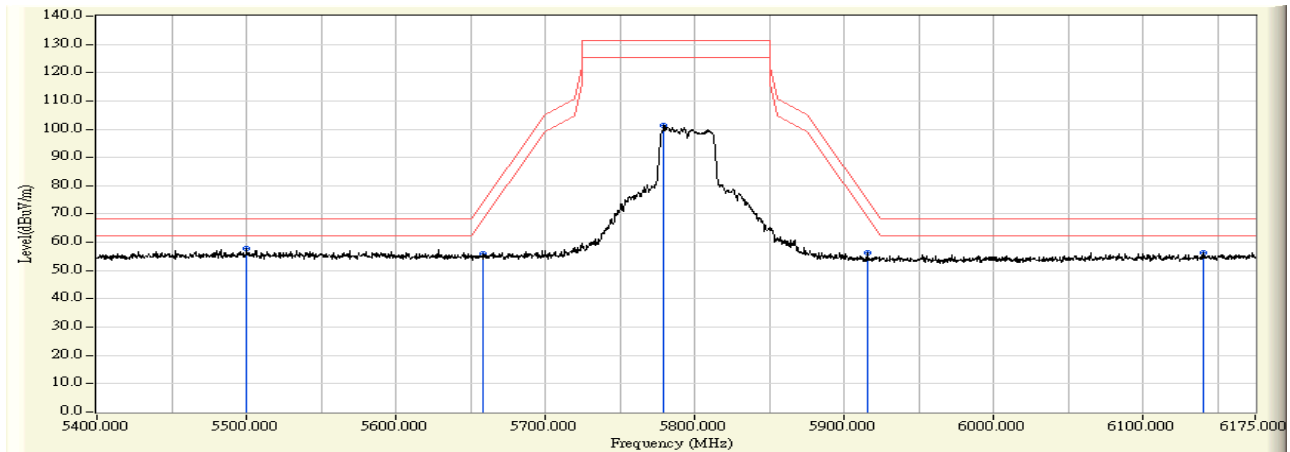


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 1.250                  | 41.575                  | 42.825                    | -11.175        | 54.000            | AVERAGE       |
| 2 | 5460.000           | 2.114                  | 41.596                  | 43.710                    | -10.290        | 54.000            | AVERAGE       |
| 3 | * 5752.500         | 1.513                  | 86.466                  | 87.978                    | 33.978         | 54.000            | AVERAGE       |
| 4 | 7250.000           | 5.454                  | 42.472                  | 47.925                    | -6.075         | 54.000            | AVERAGE       |
| 5 | 7737.500           | 6.314                  | 42.588                  | 48.902                    | -5.098         | 54.000            | AVERAGE       |
| 6 | 7750.000           | 6.333                  | 42.490                  | 48.824                    | -5.176         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:19                                |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5795MHz |

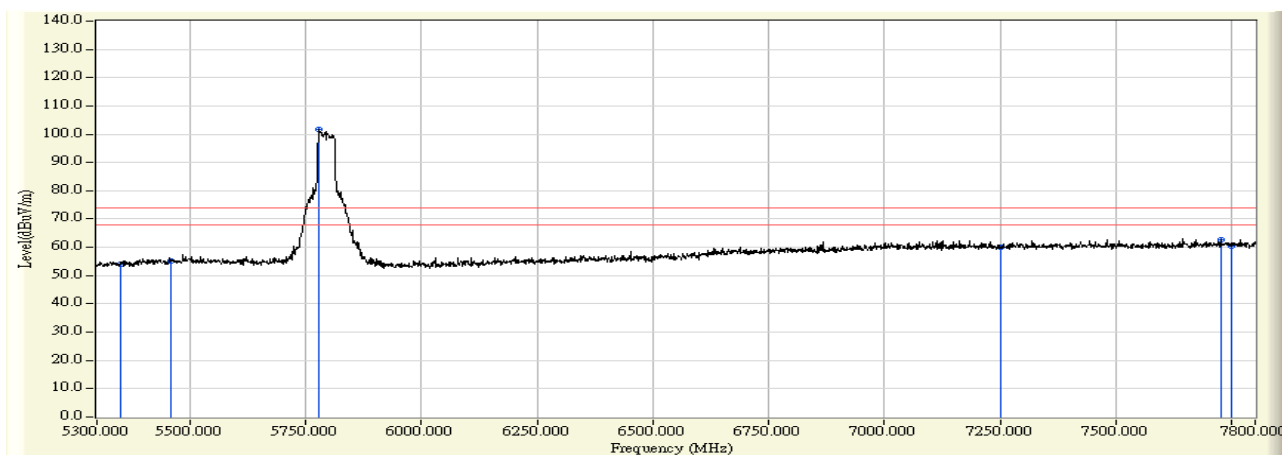


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5499.975           | 2.004                  | 55.636                  | 57.640                    | -10.560        | 68.200            | PEAK          |
| 2 |   | 5658.075           | 1.624                  | 54.177                  | 55.801                    | -18.375        | 74.175            | PEAK          |
| 3 | * | 5779.362           | 1.333                  | 100.156                 | 101.489                   | -29.711        | 131.200           | PEAK          |
| 4 |   | 5915.375           | 1.006                  | 55.118                  | 56.124                    | -19.198        | 75.323            | PEAK          |
| 5 |   | 6140.125           | 1.599                  | 54.781                  | 56.380                    | -11.820        | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 17:43                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5795MHz |

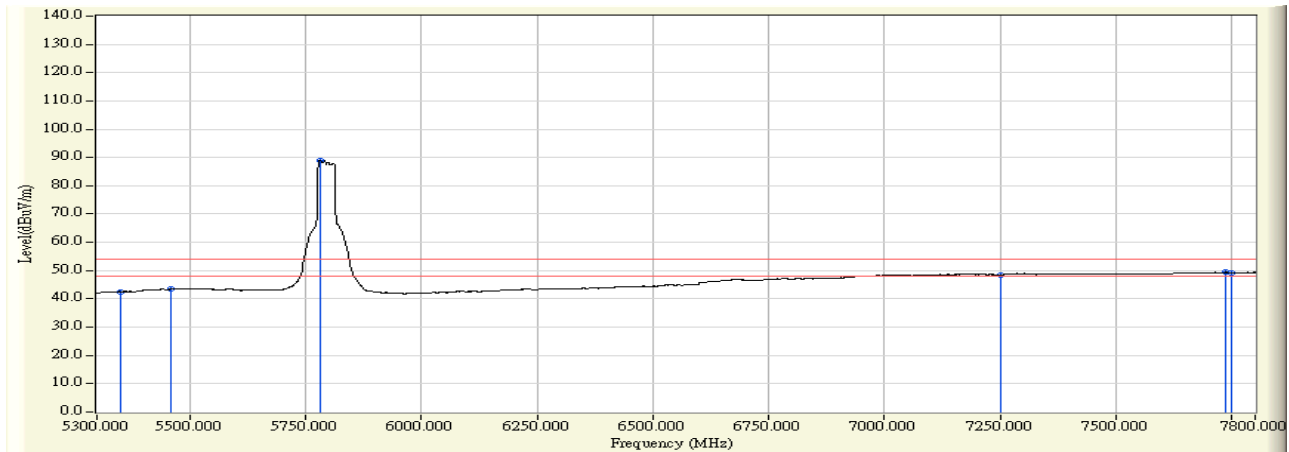


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 0.934                  | 52.957                  | 53.891                    | -20.109        | 74.000            | PEAK          |
| 2 | 5460.000           | 1.853                  | 53.489                  | 55.342                    | -18.658        | 74.000            | PEAK          |
| 3 | * 5780.000         | 1.331                  | 100.406                 | 101.737                   | 27.737         | 74.000            | PEAK          |
| 4 | 7250.000           | 5.954                  | 54.181                  | 60.134                    | -13.866        | 74.000            | PEAK          |
| 5 | 7725.000           | 6.794                  | 56.045                  | 62.839                    | -11.161        | 74.000            | PEAK          |
| 6 | 7750.000           | 6.833                  | 53.601                  | 60.435                    | -13.565        | 74.000            | PEAK          |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 17:44                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5795MHz |

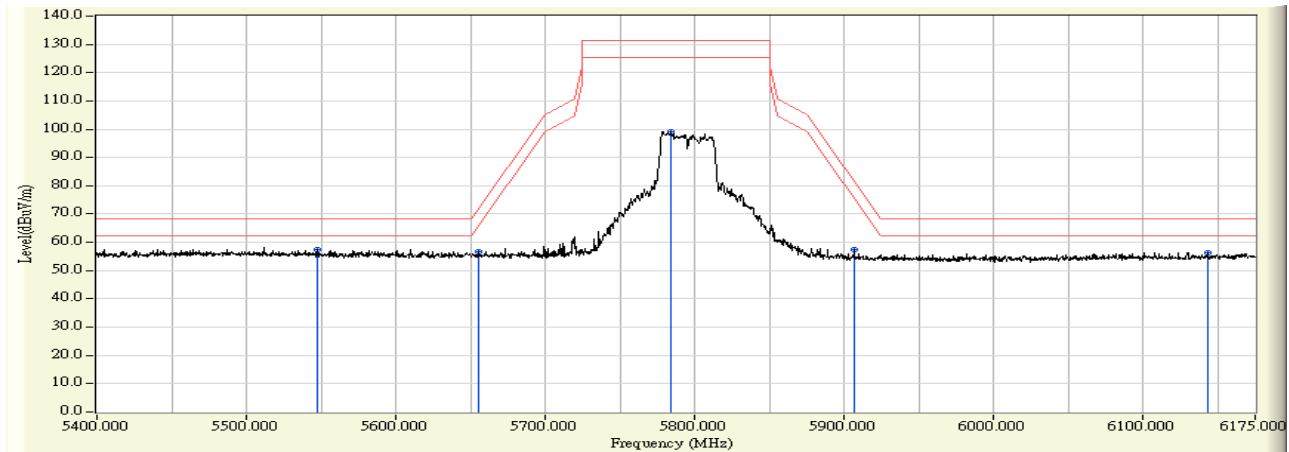


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 0.934                  | 41.619                  | 42.553                    | -11.447        | 54.000            | AVERAGE       |
| 2 | 5460.000           | 1.853                  | 41.623                  | 43.476                    | -10.524        | 54.000            | AVERAGE       |
| 3 | * 5781.250         | 1.328                  | 87.773                  | 89.101                    | 35.101         | 54.000            | AVERAGE       |
| 4 | 7250.000           | 5.954                  | 42.517                  | 48.470                    | -5.530         | 54.000            | AVERAGE       |
| 5 | 7737.500           | 6.814                  | 42.544                  | 49.358                    | -4.642         | 54.000            | AVERAGE       |
| 6 | 7750.000           | 6.833                  | 42.433                  | 49.267                    | -4.733         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:11                                |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                  |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5795MHz |



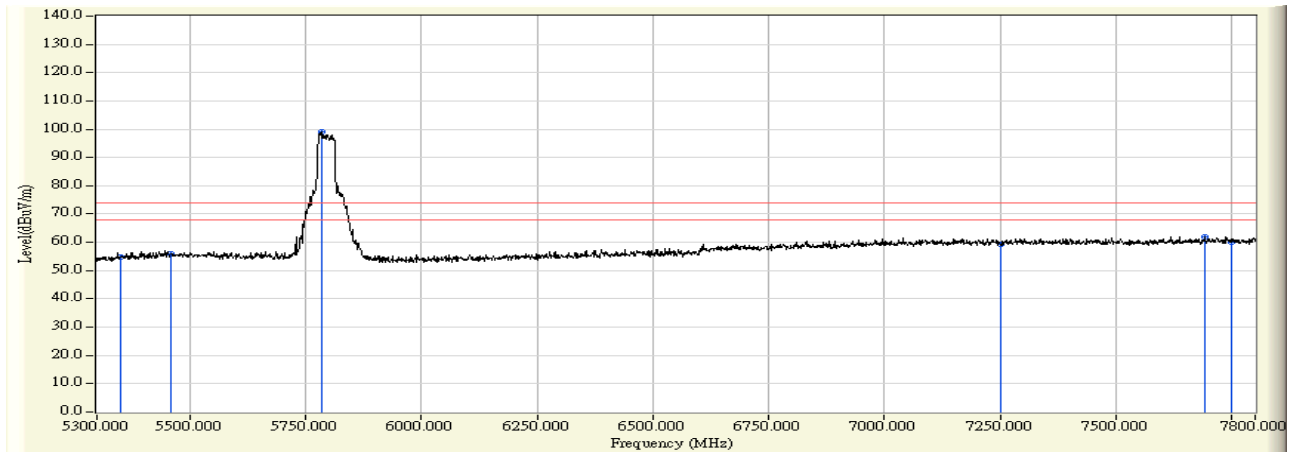
|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5547.637           | 2.108                  | 55.413                  | 57.520                    | -10.680        | 68.200            | PEAK          |
| 2 |   | 5655.750           | 1.793                  | 54.769                  | 56.562                    | -15.893        | 72.455            | PEAK          |
| 3 | * | 5784.012           | 1.420                  | 97.609                  | 99.030                    | -32.170        | 131.200           | PEAK          |
| 4 |   | 5906.850           | 1.065                  | 56.461                  | 57.525                    | -24.106        | 81.631            | PEAK          |
| 5 |   | 6142.837           | 1.532                  | 54.820                  | 56.352                    | -11.848        | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.



|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 19:15                                |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                  |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5795MHz |

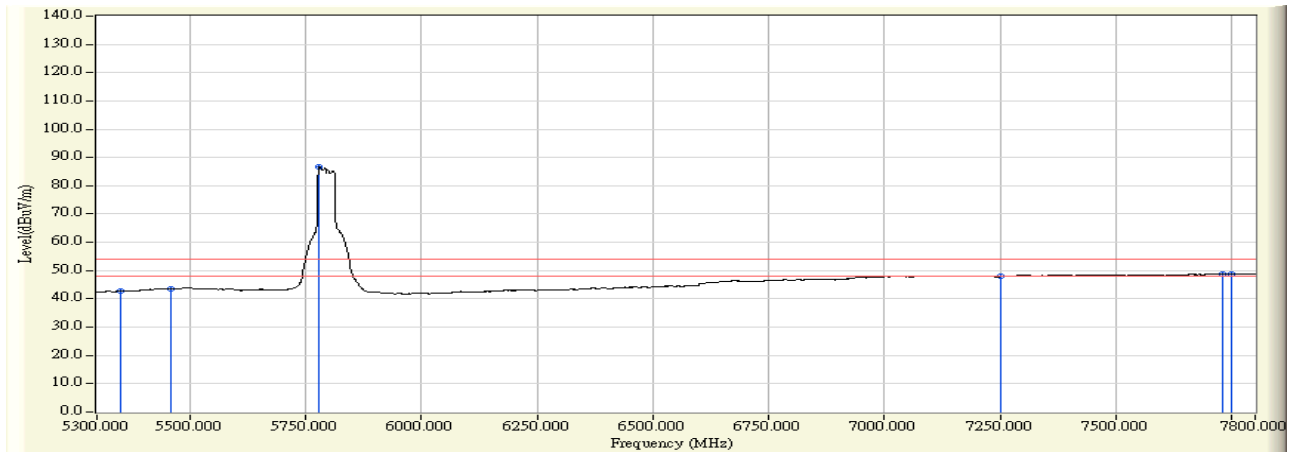


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 1.250                  | 53.388                  | 54.638                    | -19.362        | 74.000            | PEAK          |
| 2 | 5460.000           | 2.114                  | 53.699                  | 55.813                    | -18.187        | 74.000            | PEAK          |
| 3 | * 5783.750         | 1.421                  | 97.525                  | 98.947                    | 24.947         | 74.000            | PEAK          |
| 4 | 7250.000           | 5.454                  | 53.883                  | 59.336                    | -14.664        | 74.000            | PEAK          |
| 5 | 7691.250           | 6.241                  | 55.875                  | 62.116                    | -11.884        | 74.000            | PEAK          |
| 6 | 7750.000           | 6.333                  | 53.666                  | 60.000                    | -14.000        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 19:16                                |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                               |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                  |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11n(40M)_5795MHz |

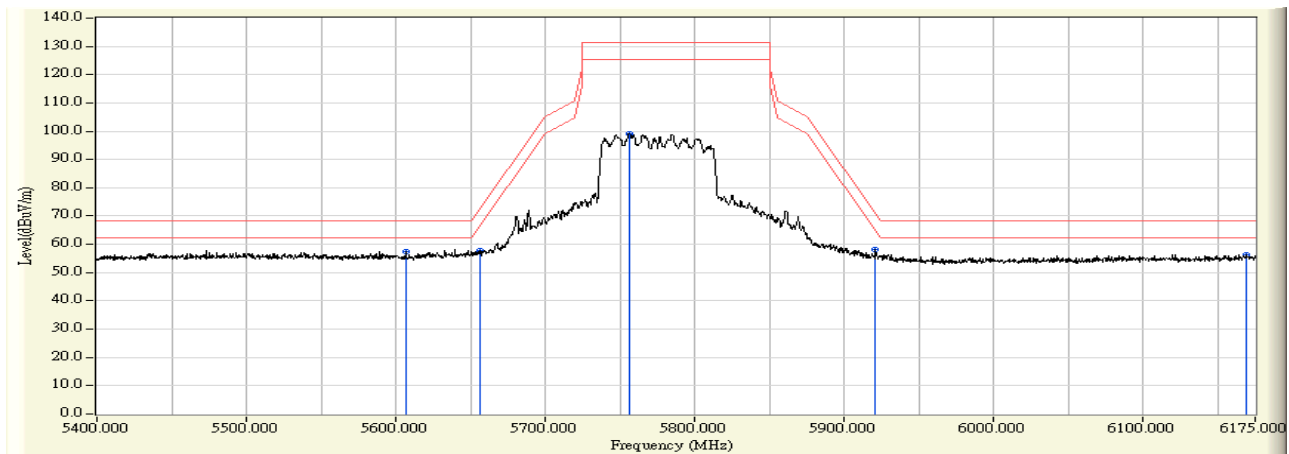


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 1.250                  | 41.488                  | 42.738                    | -11.262        | 54.000            | AVERAGE       |
| 2 | 5460.000           | 2.114                  | 41.566                  | 43.680                    | -10.320        | 54.000            | AVERAGE       |
| 3 | * 5780.000         | 1.433                  | 85.277                  | 86.710                    | 32.710         | 54.000            | AVERAGE       |
| 4 | 7250.000           | 5.454                  | 42.455                  | 47.908                    | -6.092         | 54.000            | AVERAGE       |
| 5 | 7731.250           | 6.304                  | 42.496                  | 48.800                    | -5.200         | 54.000            | AVERAGE       |
| 6 | 7750.000           | 6.333                  | 42.477                  | 48.811                    | -5.189         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:18                                 |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                                |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                 |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5775MHz |

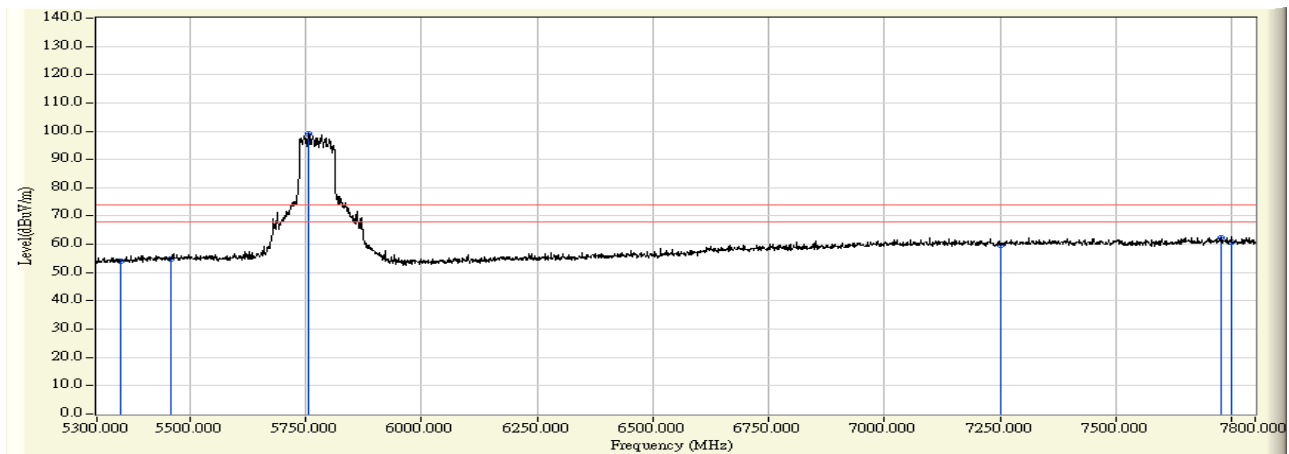


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5606.537           | 1.748                  | 55.823                  | 57.571                    | -10.629        | 68.200            | PEAK          |
| 2 |   | 5656.137           | 1.629                  | 56.062                  | 57.691                    | -15.050        | 72.741            | PEAK          |
| 3 | * | 5756.112           | 1.389                  | 97.729                  | 99.117                    | -32.083        | 131.200           | PEAK          |
| 4 |   | 5920.800           | 0.993                  | 57.367                  | 58.360                    | -12.948        | 71.308            | PEAK          |
| 5 |   | 6169.187           | 1.739                  | 54.704                  | 56.443                    | -11.757        | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 17:50                                 |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                                |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                 |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5775MHz |

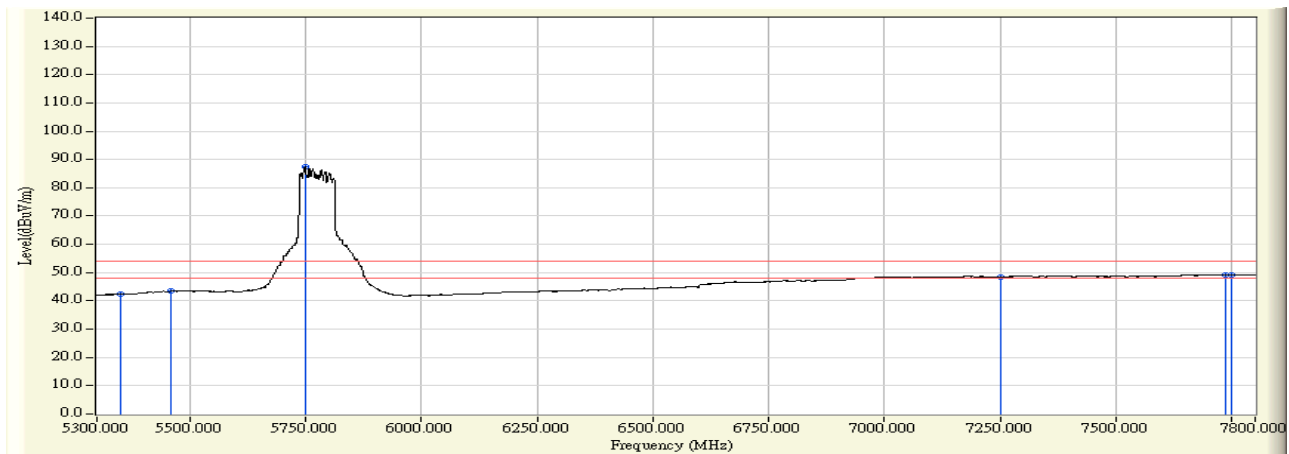


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 0.934                  | 53.038                  | 53.972                    | -20.028        | 74.000            | PEAK          |
| 2 |   | 5460.000           | 1.853                  | 53.024                  | 54.877                    | -19.123        | 74.000            | PEAK          |
| 3 | * | 5756.250           | 1.388                  | 97.581                  | 98.969                    | 24.969         | 74.000            | PEAK          |
| 4 |   | 7250.000           | 5.954                  | 53.715                  | 59.668                    | -14.332        | 74.000            | PEAK          |
| 5 |   | 7726.250           | 6.796                  | 55.692                  | 62.488                    | -11.512        | 74.000            | PEAK          |
| 6 |   | 7750.000           | 6.833                  | 54.126                  | 60.960                    | -13.040        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 17:53                                 |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                                |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL                 |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5775MHz |

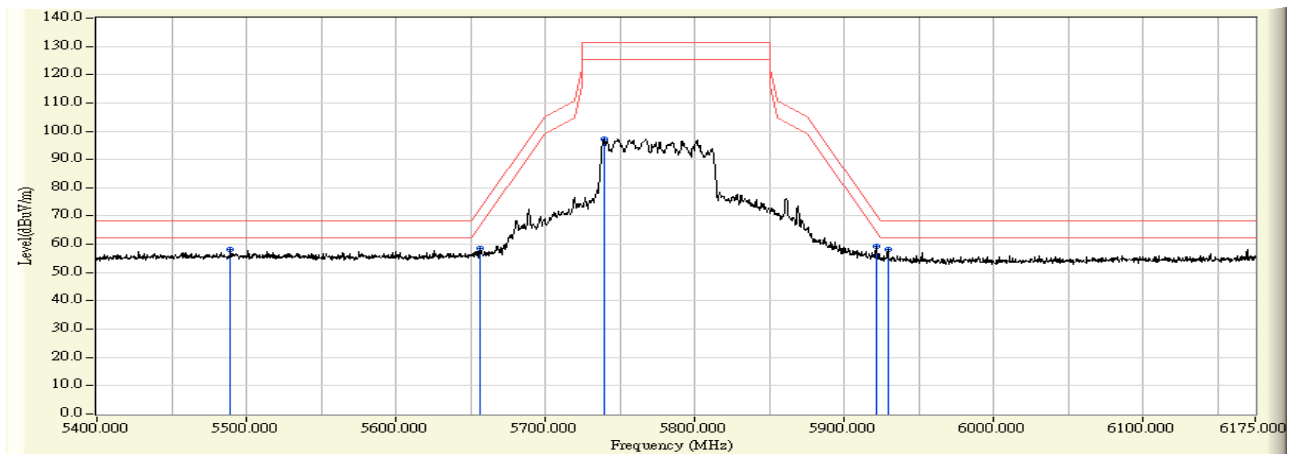


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 0.934                  | 41.512                  | 42.446                    | -11.554        | 54.000            | AVERAGE       |
| 2 |   | 5460.000           | 1.853                  | 41.546                  | 43.399                    | -10.601        | 54.000            | AVERAGE       |
| 3 | * | 5748.750           | 1.406                  | 85.948                  | 87.354                    | 33.354         | 54.000            | AVERAGE       |
| 4 |   | 7250.000           | 5.954                  | 42.427                  | 48.380                    | -5.620         | 54.000            | AVERAGE       |
| 5 |   | 7737.500           | 6.814                  | 42.436                  | 49.250                    | -4.750         | 54.000            | AVERAGE       |
| 6 |   | 7750.000           | 6.833                  | 42.325                  | 49.159                    | -4.841         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/01 - 10:09                                 |
| Limit : FCC_Part15E_2016_B4_03M_PK          | Margin : 6                                                |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                   |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5775MHz |

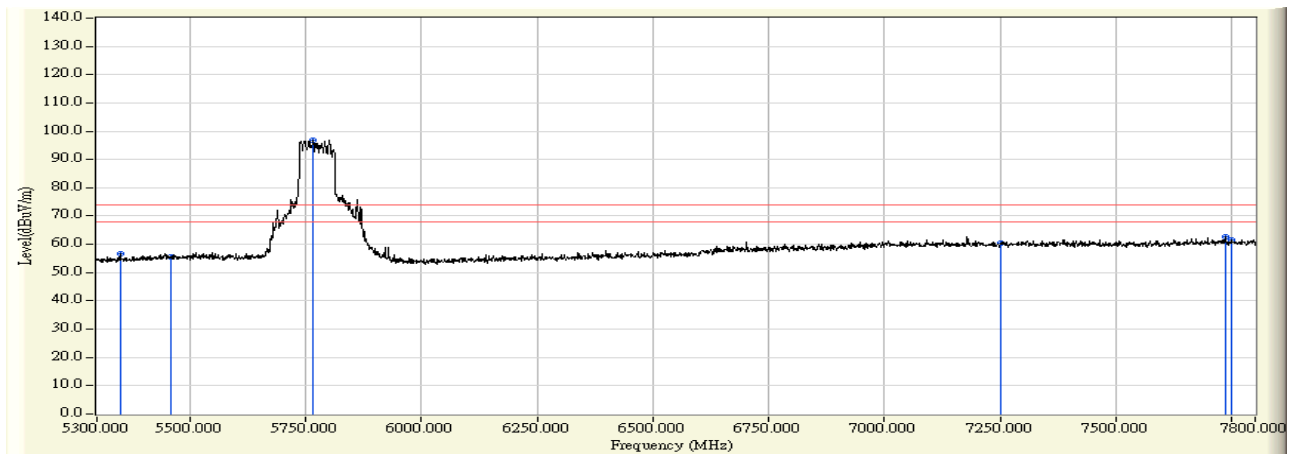


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5489.512           | 2.276                  | 55.756                  | 58.032                    | -10.168        | 68.200            | PEAK          |
| 2 |   | 5656.137           | 1.792                  | 56.628                  | 58.420                    | -14.321        | 72.741            | PEAK          |
| 3 | * | 5739.062           | 1.552                  | 95.756                  | 97.307                    | -33.893        | 131.200           | PEAK          |
| 4 |   | 5921.187           | 1.022                  | 58.219                  | 59.242                    | -11.780        | 71.022            | PEAK          |
| 5 | * | 5929.325           | 0.999                  | 57.171                  | 58.170                    | -10.030        | 68.200            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 19:21                                 |
| Limit : FCC_SpartC_15.209_03M_PK            | Margin : 6                                                |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                   |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5775MHz |

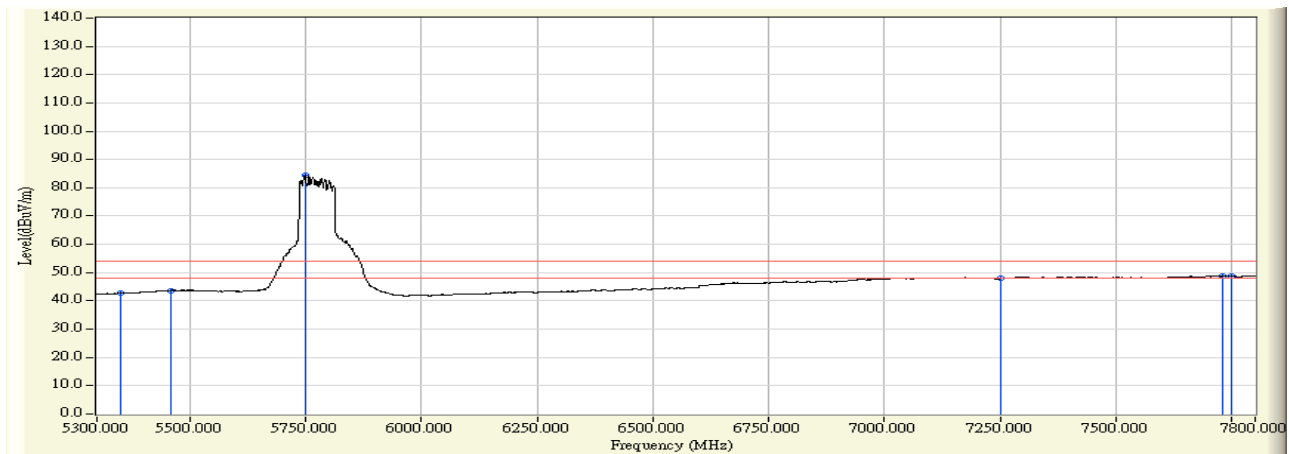


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 1.250                  | 55.352                  | 56.602                    | -17.398        | 74.000            | PEAK          |
| 2 |   | 5460.000           | 2.114                  | 53.273                  | 55.387                    | -18.613        | 74.000            | PEAK          |
| 3 | * | 5767.500           | 1.469                  | 95.554                  | 97.023                    | 23.023         | 74.000            | PEAK          |
| 4 |   | 7250.000           | 5.454                  | 54.890                  | 60.343                    | -13.657        | 74.000            | PEAK          |
| 5 |   | 7735.000           | 6.310                  | 56.401                  | 62.711                    | -11.289        | 74.000            | PEAK          |
| 6 |   | 7750.000           | 6.333                  | 55.061                  | 61.395                    | -12.605        | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Site : CB1                                  | Time : 2016/11/20 - 19:23                                 |
| Limit : FCC_SpartC_15.209_03M_AV            | Margin : 6                                                |
| EUT : Dual-band Wireless-AC1200 USB Adapter | Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL                   |
| Power : DC 5V (Power by Notebook PC)        | Note : Mode 2: Transmit_CDD Mode<br>802.11ac(80M)_5775MHz |



|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 1.250                  | 41.499                  | 42.749                    | -11.251        | 54.000            | AVERAGE       |
| 2 | 5460.000           | 2.114                  | 41.589                  | 43.703                    | -10.297        | 54.000            | AVERAGE       |
| 3 | * 5748.750         | 1.523                  | 82.816                  | 84.339                    | 30.339         | 54.000            | AVERAGE       |
| 4 | 7250.000           | 5.454                  | 42.421                  | 47.874                    | -6.126         | 54.000            | AVERAGE       |
| 5 | 7731.250           | 6.304                  | 42.441                  | 48.745                    | -5.255         | 54.000            | AVERAGE       |
| 6 | 7750.000           | 6.333                  | 42.297                  | 48.631                    | -5.369         | 54.000            | AVERAGE       |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " \* ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.



## 8. Frequency Stability

### 8.1. Test Equipment

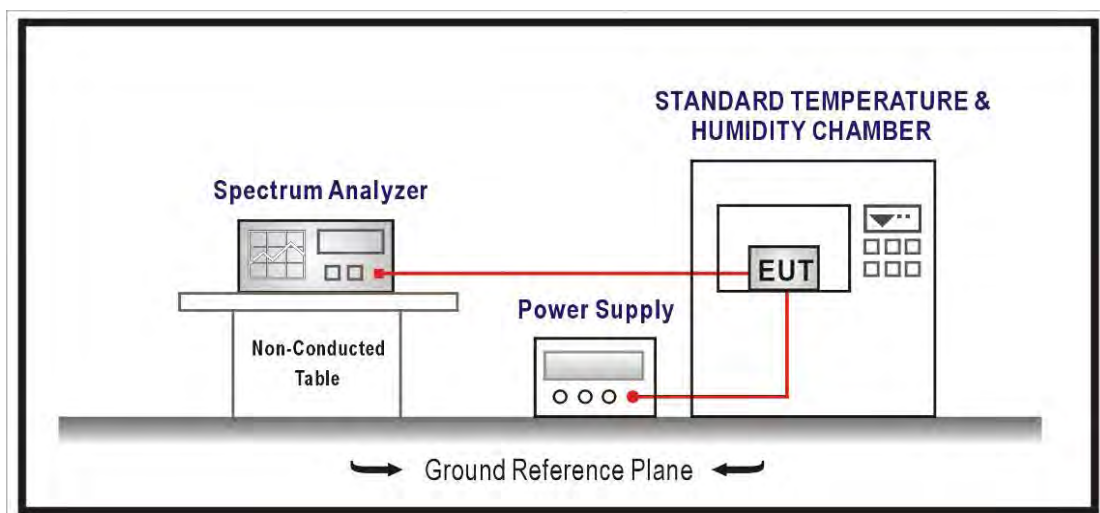
The following test equipments are used during the radiated emission tests:

Frequency Stability / SR7

| Instrument                     | Manufacturer | Model No. | Serial No  | Next Cal. Date |
|--------------------------------|--------------|-----------|------------|----------------|
| Spectrum Analyzer              | Agilent      | N9010A    | US47140172 | 2017/08/08     |
| Temperature & Humidity Chamber | WIT          | TH-1S-B   | 1082101    | 2017/01/18     |
| Signal & Spectrum Analyzer     | R&S          | FSV40     | 101049     | 2017/01/05     |
| Signal Analyzer                | R&S          | FSV7      | 101650     | 2017/11/15     |

Note: All equipments that need to calibrate are with calibration period of 1 year.

### 8.2. Test Setup



### 8.3. Limits

Manufactures of all devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified

### 8.4. Test Procedure

The EUT was setup to ANSI C63.10:2013; tested to U-NII test procedure of 789033 D02 V01R03 for compliance to FCC 47CFR Subpart E requirements.

### 8.5. Uncertainty

The measurement uncertainty is defined as  $\pm 150$  Hz

## 8.6. Test Result

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Frequency Stability                   |           |     |
| Test Mode    | Mode 1: Transmit_SISO Mode            |           |     |
| Date of Test | 2016/10/18                            | Test Site | SR7 |

### 802.11a - 5180MHz (ANT 0)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5179.975        | -4.826255       | Pass   |
| -10                       |                | 5179.970        | -5.791506       | Pass   |
| 0                         |                | 5179.966        | -6.563707       | Pass   |
| 10                        |                | 5179.965        | -6.756757       | Pass   |
| 20                        |                | 5179.964        | -6.949807       | Pass   |
| 30                        |                | 5179.964        | -6.949807       | Pass   |
| 40                        |                | 5179.964        | -6.949807       | Pass   |
| 50                        |                | 5179.965        | -6.756757       | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5179.985        | -2.895753       | Pass   |
|                           | 5              | 5179.983        | -3.281853       | Pass   |
|                           | 5.75           | 5179.975        | -4.826255       | Pass   |

### 802.11a - 5240MHz (ANT 0)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5239.965        | -6.67939        | Pass   |
| -10                       |                | 5239.964        | -6.87023        | Pass   |
| 0                         |                | 5239.965        | -6.67939        | Pass   |
| 10                        |                | 5239.963        | -7.06107        | Pass   |
| 20                        |                | 5239.968        | -6.10687        | Pass   |
| 30                        |                | 5239.967        | -6.29771        | Pass   |
| 40                        |                | 5239.965        | -6.67939        | Pass   |
| 50                        |                | 5239.965        | -6.67939        | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5239.964        | -6.87023        | Pass   |
|                           | 5              | 5239.965        | -6.67939        | Pass   |
|                           | 5.75           | 5239.962        | -7.25191        | Pass   |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Frequency Stability                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/18                            | Test Site | SR7 |

## 802.11n\_20M - 5180MHz (ANT 0)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5179.991        | -1.737452       | Pass   |
| -10                       |                | 5179.992        | -1.544402       | Pass   |
| 0                         |                | 5179.995        | -0.965251       | Pass   |
| 10                        |                | 5179.994        | -1.158301       | Pass   |
| 20                        |                | 5179.995        | -0.965251       | Pass   |
| 30                        |                | 5180.008        | 1.5444015       | Pass   |
| 40                        |                | 5180.004        | 0.7722008       | Pass   |
| 50                        |                | 5180.005        | 0.965251        | Pass   |

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5179.993        | -1.351351       | Pass   |
|                           | 5              | 5179.996        | -0.772201       | Pass   |
|                           | 5.75           | 5179.998        | -0.3861         | Pass   |

## 802.11n\_20M - 5240MHz (ANT 0)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5240.003        | 0.572519        | Pass   |
| -10                       |                | 5240.006        | 1.145038        | Pass   |
| 0                         |                | 5240.007        | 1.335878        | Pass   |
| 10                        |                | 5240.004        | 0.763359        | Pass   |
| 20                        |                | 5240.003        | 0.572519        | Pass   |
| 30                        |                | 5240.005        | 0.954198        | Pass   |
| 40                        |                | 5240.012        | 2.290076        | Pass   |
| 50                        |                | 5240.014        | 2.671756        | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5240.006        | 1.145038        | Pass   |
|                           | 5              | 5240.013        | 2.480916        | Pass   |
|                           | 5.75           | 5240.009        | 1.717557        | Pass   |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Frequency Stability                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/18                            | Test Site | SR7 |

## 802.11n\_20M - 5180MHz (ANT 1)

| Temperature Interval (oC) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5179.999        | -0.19305        | Pass   |
| -10                       |                | 5179.996        | -0.772201       | Pass   |
| 0                         |                | 5179.998        | -0.3861         | Pass   |
| 10                        |                | 5180.002        | 0.3861004       | Pass   |
| 20                        |                | 5180.003        | 0.5791506       | Pass   |
| 30                        |                | 5180.003        | 0.5791506       | Pass   |
| 40                        |                | 5180.006        | 1.1583012       | Pass   |
| 50                        |                | 5180.005        | 0.965251        | Pass   |

| Temperature Interval (oC) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5180.011        | 2.1235521       | Pass   |
|                           | 5              | 5180.014        | 2.7027027       | Pass   |
|                           | 5.75           | 5180.007        | 1.3513514       | Pass   |

## 802.11n\_20M - 5240MHz (ANT 1)

| Temperature Interval (oC) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5239.992        | -1.52672        | Pass   |
| -10                       |                | 5239.997        | -0.66794        | Pass   |
| 0                         |                | 5239.997        | -0.57252        | Pass   |
| 10                        |                | 5239.998        | -0.38168        | Pass   |
| 20                        |                | 5239.995        | -0.9542         | Pass   |
| 30                        |                | 5240.002        | 0.381679        | Pass   |
| 40                        |                | 5240.004        | 0.763359        | Pass   |
| 50                        |                | 5240.006        | 1.145038        | Pass   |

| Temperature Interval (oC) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5239.999        | -0.19084        | Pass   |
|                           | 5              | 5239.997        | -0.57252        | Pass   |
|                           | 5.75           | 5240.001        | 0.19084         | Pass   |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Frequency Stability                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/18                            | Test Site | SR7 |

802.11n\_40M - 5190MHz (Ant 0)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5189.987        | -2.504817       | Pass   |
| -10                       |                | 5189.989        | -2.119461       | Pass   |
| 0                         |                | 5189.990        | -1.926782       | Pass   |
| 10                        |                | 5189.991        | -1.734104       | Pass   |
| 20                        |                | 5189.988        | -2.312139       | Pass   |
| 30                        |                | 5189.992        | -1.541426       | Pass   |
| 40                        |                | 5189.996        | -0.770713       | Pass   |
| 50                        |                | 5189.995        | -0.963391       | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5189.993        | -1.348748       | Pass   |
|                           | 5              | 5189.991        | -1.734104       | Pass   |
|                           | 5.75           | 5189.988        | -2.312139       | Pass   |

802.11n\_40M - 5230MHz (Ant 0)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5229.998        | -0.38241        | Pass   |
| -10                       |                | 5229.999        | -0.1912         | Pass   |
| 0                         |                | 5229.996        | -0.76482        | Pass   |
| 10                        |                | 5230.001        | 0.191205        | Pass   |
| 20                        |                | 5230.002        | 0.382409        | Pass   |
| 30                        |                | 5229.986        | -2.67686        | Pass   |
| 40                        |                | 5229.988        | -2.29446        | Pass   |
| 50                        |                | 5229.995        | -0.95602        | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5229.997        | -0.57361        | Pass   |
|                           | 5              | 5230.001        | 0.191205        | Pass   |
|                           | 5.75           | 5229.998        | -0.38241        | Pass   |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Frequency Stability                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/18                            | Test Site | SR7 |

802.11n\_40M - 5190MHz (Ant 1)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5189.988        | -2.312139       | Pass   |
| -10                       |                | 5189.991        | -1.734104       | Pass   |
| 0                         |                | 5189.992        | -1.541426       | Pass   |
| 10                        |                | 5189.987        | -2.504817       | Pass   |
| 20                        |                | 5189.994        | -1.156069       | Pass   |
| 30                        |                | 5189.993        | -1.348748       | Pass   |
| 40                        |                | 5189.996        | -0.770713       | Pass   |
| 50                        |                | 5189.998        | -0.385356       | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5189.995        | -0.963391       | Pass   |
|                           | 5              | 5189.994        | -1.156069       | Pass   |
|                           | 5.75           | 5189.998        | -0.385356       | Pass   |

802.11n\_40M - 5230MHz (Ant 1)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5229.987        | -2.48566        | Pass   |
| -10                       |                | 5229.986        | -2.67686        | Pass   |
| 0                         |                | 5229.986        | -2.67686        | Pass   |
| 10                        |                | 5229.987        | -2.48566        | Pass   |
| 20                        |                | 5229.988        | -2.29446        | Pass   |
| 30                        |                | 5229.990        | -1.91205        | Pass   |
| 40                        |                | 5229.991        | -1.72084        | Pass   |
| 50                        |                | 5229.989        | -2.10325        | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5229.99         | -1.91205        | Pass   |
|                           | 5              | 5229.992        | -1.52964        | Pass   |
|                           | 5.75           | 5229.994        | -1.14723        | Pass   |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Frequency Stability                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/18                            | Test Site | SR7 |

## 802.11ac\_80M-5210MHz (Ant 0)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5209.992        | -1.535509       | Pass   |
| -10                       |                | 5209.995        | -0.959693       | Pass   |
| 0                         |                | 5209.996        | -0.767754       | Pass   |
| 10                        |                | 5209.988        | -2.303263       | Pass   |
| 20                        |                | 5209.990        | -1.919386       | Pass   |
| 30                        |                | 5210.003        | 0.5758157       | Pass   |
| 40                        |                | 5210.001        | 0.1919386       | Pass   |
| 50                        |                | 5209.989        | -2.111324       | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5210.009        | 1.7274472       | Pass   |
|                           | 5              | 5210.007        | 1.3435701       | Pass   |
|                           | 5.75           | 5210.006        | 1.1516315       | Pass   |

## 802.11ac\_80M-5210MHz (Ant 1)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5209.996        | -0.767754       | Pass   |
| -10                       |                | 5209.998        | -0.383877       | Pass   |
| 0                         |                | 5210.001        | 0.1919386       | Pass   |
| 10                        |                | 5210.005        | 0.9596929       | Pass   |
| 20                        |                | 5210.007        | 1.3435701       | Pass   |
| 30                        |                | 5210.004        | 0.7677543       | Pass   |
| 40                        |                | 5209.997        | -0.575816       | Pass   |
| 50                        |                | 5210.009        | 1.7274472       | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5210.002        | 0.3838772       | Pass   |
|                           | 5              | 5210.008        | 1.5355086       | Pass   |
|                           | 5.75           | 5210.006        | 1.1516315       | Pass   |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Frequency Stability                   |           |     |
| Test Mode    | Mode 1: Transmit_SISO Mode            |           |     |
| Date of Test | 2016/10/18                            | Test Site | SR7 |

802.11a - 5745MHz (ANT 0)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5744.983        | -2.959095       | Pass   |
| -10                       |                | 5744.984        | -2.78503        | Pass   |
| 0                         |                | 5744.985        | -2.610966       | Pass   |
| 10                        |                | 5744.985        | -2.610966       | Pass   |
| 20                        |                | 5744.988        | -2.088773       | Pass   |
| 30                        |                | 5744.987        | -2.262837       | Pass   |
| 40                        |                | 5744.986        | -2.436902       | Pass   |
| 50                        |                | 5744.991        | -1.56658        | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5744.988        | -2.088773       | Pass   |
|                           | 5              | 5744.985        | -2.610966       | Pass   |
|                           | 5.75           | 5744.998        | -0.348129       | Pass   |

802.11a - 5825MHz (ANT 0)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5825.015        | 2.575107        | Pass   |
| -10                       |                | 5825.016        | 2.746781        | Pass   |
| 0                         |                | 5825.019        | 3.261803        | Pass   |
| 10                        |                | 5825.010        | 1.716738        | Pass   |
| 20                        |                | 5825.006        | 1.030043        | Pass   |
| 30                        |                | 5825.012        | 2.060086        | Pass   |
| 40                        |                | 5825.017        | 2.918455        | Pass   |
| 50                        |                | 5825.013        | 2.23176         | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5825.011        | 1.888412        | Pass   |
|                           | 5              | 5825.015        | 2.575107        | Pass   |
|                           | 5.75           | 5825.009        | 1.545064        | Pass   |



|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Frequency Stability                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/18                            | Test Site | SR7 |

802.11n\_20M - 5745MHz (ANT 0)

| Temperature Interval (oC) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5744.996        | -0.696258       | Pass   |
| -10                       |                | 5744.998        | -0.348129       | Pass   |
| 0                         |                | 5745.001        | 0.1740644       | Pass   |
| 10                        |                | 5745.002        | 0.3481288       | Pass   |
| 20                        |                | 5745.003        | 0.5221932       | Pass   |
| 30                        |                | 5745.006        | 1.0443864       | Pass   |
| 40                        |                | 5745.010        | 1.740644        | Pass   |
| 50                        |                | 5745.002        | 0.3481288       | Pass   |

| Temperature Interval (oC) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5745.003        | 0.5221932       | Pass   |
|                           | 5              | 5745.011        | 1.9147084       | Pass   |
|                           | 5.75           | 5745.007        | 1.2184508       | Pass   |

802.11n\_20M - 5825MHz (ANT 0)

| Temperature Interval (oC) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5824.988        | -2.06009        | Pass   |
| -10                       |                | 5824.984        | -2.74678        | Pass   |
| 0                         |                | 5824.982        | -3.09013        | Pass   |
| 10                        |                | 5824.987        | -2.23176        | Pass   |
| 20                        |                | 5824.990        | -1.71674        | Pass   |
| 30                        |                | 5824.991        | -1.54506        | Pass   |
| 40                        |                | 5824.993        | -1.20172        | Pass   |
| 50                        |                | 5824.986        | -2.40343        | Pass   |

| Temperature Interval (oC) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5824.99         | -1.71674        | Pass   |
|                           | 5              | 5824.996        | -0.6867         | Pass   |
|                           | 5.75           | 5824.993        | -1.20172        | Pass   |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Frequency Stability                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/18                            | Test Site | SR7 |

802.11n\_20M - 5745MHz (ANT 1)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5745.007        | 1.2184508       | Pass   |
| -10                       |                | 5745.001        | 0.1740644       | Pass   |
| 0                         |                | 5745.010        | 1.740644        | Pass   |
| 10                        |                | 5745.008        | 1.3925152       | Pass   |
| 20                        |                | 5744.996        | -0.696258       | Pass   |
| 30                        |                | 5745.013        | 2.2628372       | Pass   |
| 40                        |                | 5745.011        | 1.9147084       | Pass   |
| 50                        |                | 5745.005        | 0.870322        | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5745.014        | 2.4369017       | Pass   |
|                           | 5              | 5745.007        | 1.2184508       | Pass   |
|                           | 5.75           | 5745.002        | 0.3481288       | Pass   |

802.11n\_20M - 5825MHz (ANT 1)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5825.001        | 0.171674        | Pass   |
| -10                       |                | 5825.007        | 1.201717        | Pass   |
| 0                         |                | 5825.008        | 1.373391        | Pass   |
| 10                        |                | 5825.012        | 2.060086        | Pass   |
| 20                        |                | 5825.009        | 1.545064        | Pass   |
| 30                        |                | 5825.011        | 1.888412        | Pass   |
| 40                        |                | 5825.006        | 1.030043        | Pass   |
| 50                        |                | 5825.003        | 0.515021        | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5825.015        | 2.575107        | Pass   |
|                           | 5              | 5825.012        | 2.060086        | Pass   |
|                           | 5.75           | 5825.01         | 1.716738        | Pass   |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Frequency Stability                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/18                            | Test Site | SR7 |

## 802.11n\_40M - 5755MHz (Ant 0)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5754.984        | -2.780191       | Pass   |
| -10                       |                | 5754.983        | -2.953953       | Pass   |
| 0                         |                | 5754.988        | -2.085143       | Pass   |
| 10                        |                | 5754.985        | -2.606429       | Pass   |
| 20                        |                | 5754.988        | -2.085143       | Pass   |
| 30                        |                | 5754.990        | -1.737619       | Pass   |
| 40                        |                | 5754.985        | -2.606429       | Pass   |
| 50                        |                | 5754.986        | -2.432667       | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5754.991        | -1.563858       | Pass   |
|                           | 5              | 5754.993        | -1.216334       | Pass   |
|                           | 5.75           | 5754.99         | -1.737619       | Pass   |

## 802.11n\_40M - 5795MHz (Ant 0)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5794.994        | -1.03538        | Pass   |
| -10                       |                | 5794.997        | -0.51769        | Pass   |
| 0                         |                | 5794.992        | -1.3805         | Pass   |
| 10                        |                | 5794.998        | -0.34513        | Pass   |
| 20                        |                | 5795.002        | 0.345125        | Pass   |
| 30                        |                | 5795.004        | 0.69025         | Pass   |
| 40                        |                | 5795.006        | 1.035375        | Pass   |
| 50                        |                | 5795.005        | 0.862813        | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5795.009        | 1.553063        | Pass   |
|                           | 5              | 5795.01         | 1.725626        | Pass   |
|                           | 5.75           | 5795.002        | 0.345125        | Pass   |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Frequency Stability                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/18                            | Test Site | SR7 |

802.11n\_40M - 5755MHz (Ant 1)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5754.992        | -1.390096       | Pass   |
| -10                       |                | 5754.987        | -2.258905       | Pass   |
| 0                         |                | 5754.993        | -1.216334       | Pass   |
| 10                        |                | 5754.985        | -2.606429       | Pass   |
| 20                        |                | 5754.986        | -2.432667       | Pass   |
| 30                        |                | 5754.991        | -1.563858       | Pass   |
| 40                        |                | 5754.997        | -0.521286       | Pass   |
| 50                        |                | 5754.987        | -2.258905       | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5754.989        | -1.911381       | Pass   |
|                           | 5              | 5754.99         | -1.737619       | Pass   |
|                           | 5.75           | 5754.992        | -1.390096       | Pass   |

802.11n\_40M - 5795MHz (Ant 1)

| Temperature Interval (°C) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5795.014        | 2.415876        | Pass   |
| -10                       |                | 5795.015        | 2.588438        | Pass   |
| 0                         |                | 5795.008        | 1.3805          | Pass   |
| 10                        |                | 5795.011        | 1.898188        | Pass   |
| 20                        |                | 5795.017        | 2.933563        | Pass   |
| 30                        |                | 5795.006        | 1.035375        | Pass   |
| 40                        |                | 5795.003        | 0.517688        | Pass   |
| 50                        |                | 5795.009        | 1.553063        | Pass   |

| Temperature Interval (°C) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5795.011        | 1.898188        | Pass   |
|                           | 5              | 5795.015        | 2.588438        | Pass   |
|                           | 5.75           | 5795.007        | 1.207938        | Pass   |

|              |                                       |           |     |
|--------------|---------------------------------------|-----------|-----|
| Product      | Dual-band Wireless-AC1200 USB Adapter |           |     |
| Test Item    | Frequency Stability                   |           |     |
| Test Mode    | Mode 2: Transmit_CDD Mode             |           |     |
| Date of Test | 2016/10/18                            | Test Site | SR7 |

802.11ac\_80M-5775MHz (Ant 0)

| Temperature Interval (oC) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5775.008        | 1.3852814       | Pass   |
| -10                       |                | 5774.985        | -2.597403       | Pass   |
| 0                         |                | 5774.988        | -2.077922       | Pass   |
| 10                        |                | 5775.002        | 0.3463203       | Pass   |
| 20                        |                | 5774.994        | -1.038961       | Pass   |
| 30                        |                | 5774.990        | -1.731602       | Pass   |
| 40                        |                | 5775.006        | 1.038961        | Pass   |
| 50                        |                | 5775.012        | 2.0779221       | Pass   |

| Temperature Interval (oC) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5774.985        | -2.597403       | Pass   |
|                           | 5              | 5774.997        | -0.519481       | Pass   |
|                           | 5.75           | 5775.008        | 1.3852814       | Pass   |

802.11ac\_80M-5775MHz (Ant 1)

| Temperature Interval (oC) | AC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| -20                       | 5              | 5774.993        | -1.212121       | Pass   |
| -10                       |                | 5774.987        | -2.251082       | Pass   |
| 0                         |                | 5774.985        | -2.597403       | Pass   |
| 10                        |                | 5774.988        | -2.077922       | Pass   |
| 20                        |                | 5774.990        | -1.731602       | Pass   |
| 30                        |                | 5774.988        | -2.077922       | Pass   |
| 40                        |                | 5774.993        | -1.212121       | Pass   |
| 50                        |                | 5774.998        | -0.34632        | Pass   |

| Temperature Interval (oC) | DC Voltage (V) | Frequency (MHz) | Deviation (ppm) | Result |
|---------------------------|----------------|-----------------|-----------------|--------|
| 25                        | 4.25           | 5774.988        | -2.077922       | Pass   |
|                           | 5              | 5774.991        | -1.558442       | Pass   |
|                           | 5.75           | 5774.995        | -0.865801       | Pass   |