

## 5. RF antenna conducted test

### 5.1. Test Equipment

The following test equipments are used during the test:

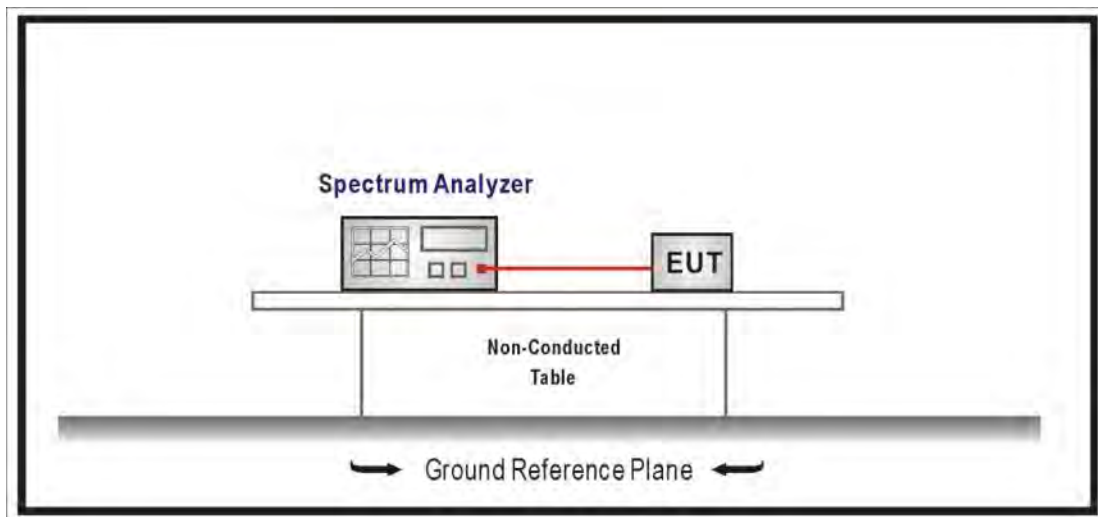
RF antenna conducted test / SR10-H

| Instrument        | Manufacturer | Model No. | Serial No  | Next Cal. Date |
|-------------------|--------------|-----------|------------|----------------|
| Spectrum Analyzer | Agilent      | N9010A    | US47140172 | 2016/08/23     |

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

### 5.2. Test Setup

RF Antenna Conducted Measurement:



### **5.3. Limits**

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on an RF conducted or radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

### **5.4. Test Procedure**

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure section 11.2 of KDB558074 v03r05 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100 kHz, Set VBW > RBW, scan up through 10th harmonic.

### **5.5. Test Specification**

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

### **5.6. Uncertainty**

Conducted is defined as  $\pm 1.27\text{dB}$

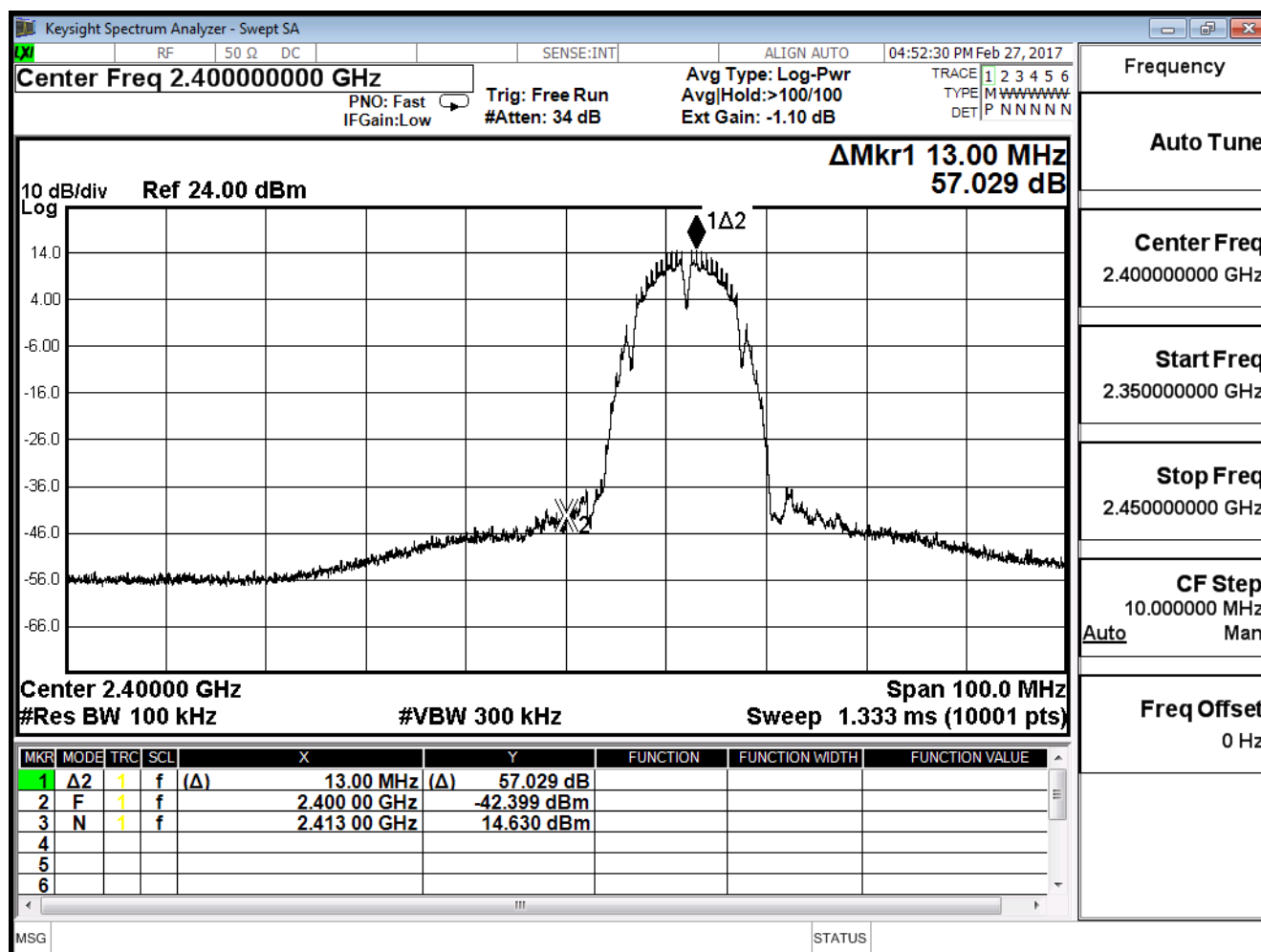
## 5.7. Test Result

|              |                                                       |           |        |
|--------------|-------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router              |           |        |
| Test Item    | RF antenna conducted test                             |           |        |
| Test Mode    | Mode 1: Tx ADP: AD890326010-2LF_CDD Mode (802.11 b/g) |           |        |
| Date of Test | 2017/02/27                                            | Test Site | SR10-H |

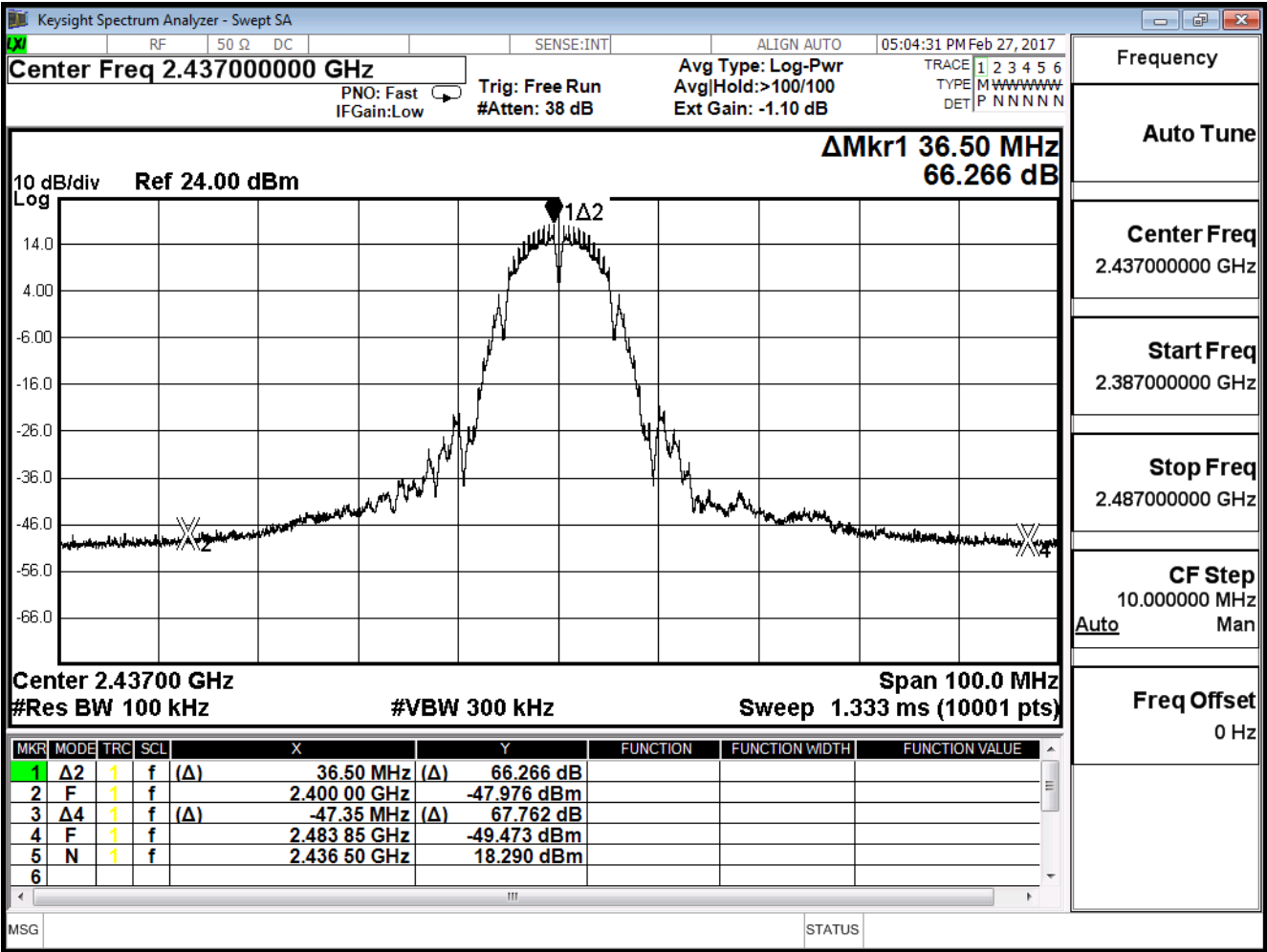
### IEEE 802.11b, Ant0

| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
|---------|-----------------|---------------------|-------------|--------|
| 1       | 2412            | 57.029              | $\geq 30$   | Pass   |
| 6       | 2437            | 66.266              | $\geq 30$   | Pass   |
| 11      | 2462            | 60.634              | $\geq 30$   | Pass   |

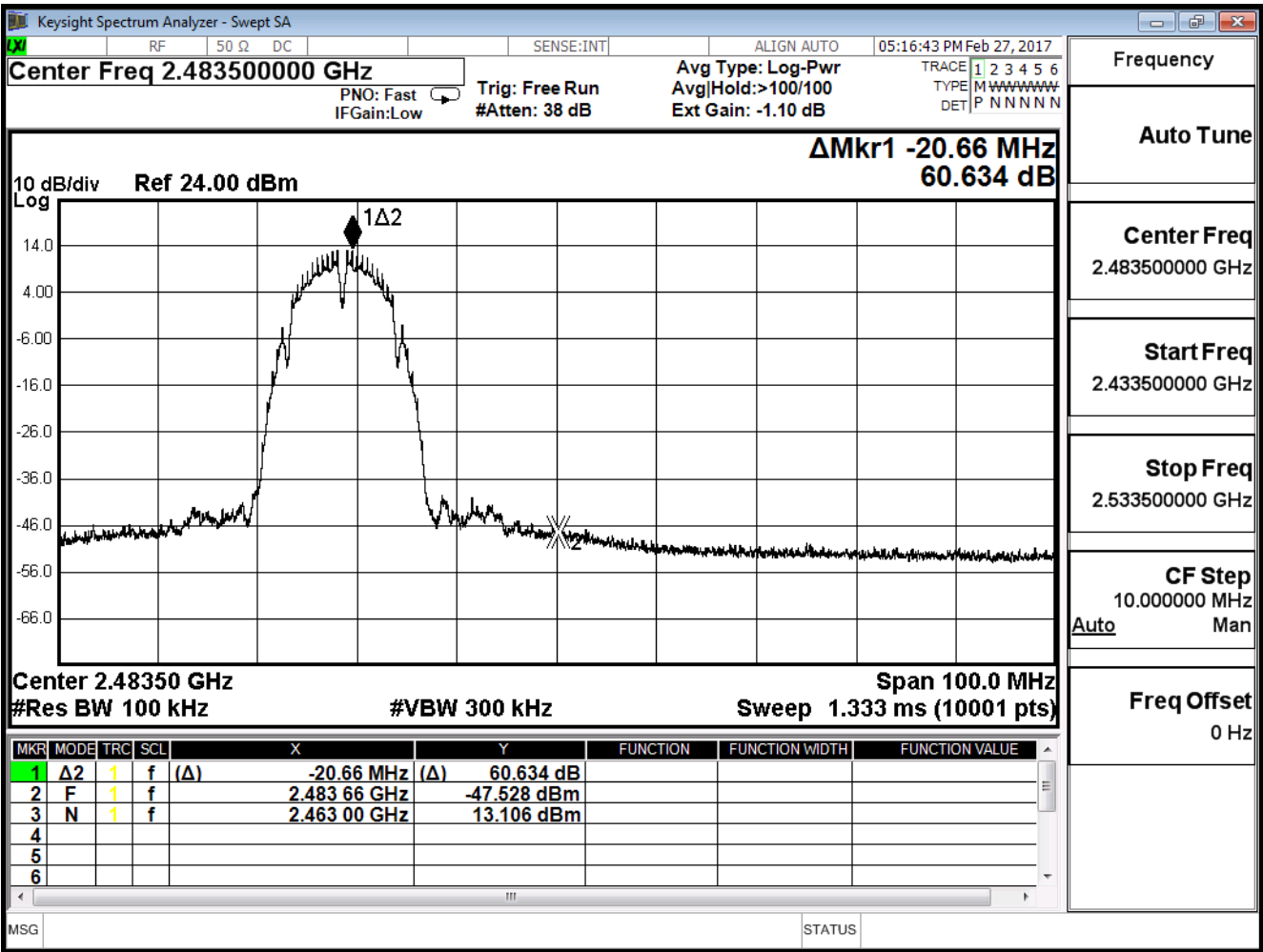
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

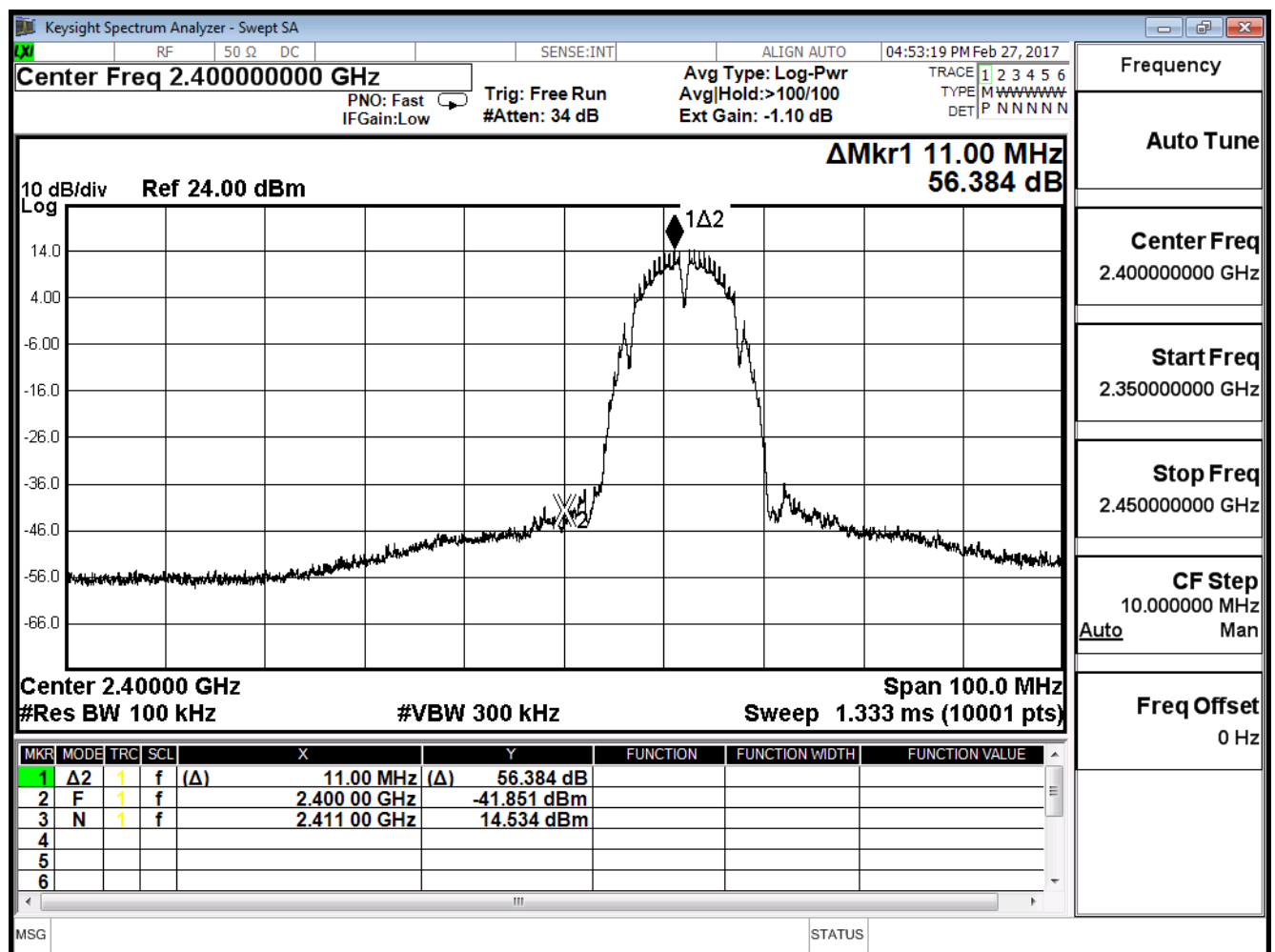


|              |                                                       |           |        |
|--------------|-------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router              |           |        |
| Test Item    | RF antenna conducted test                             |           |        |
| Test Mode    | Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g) |           |        |
| Date of Test | 2017/02/27                                            | Test Site | SR10-H |

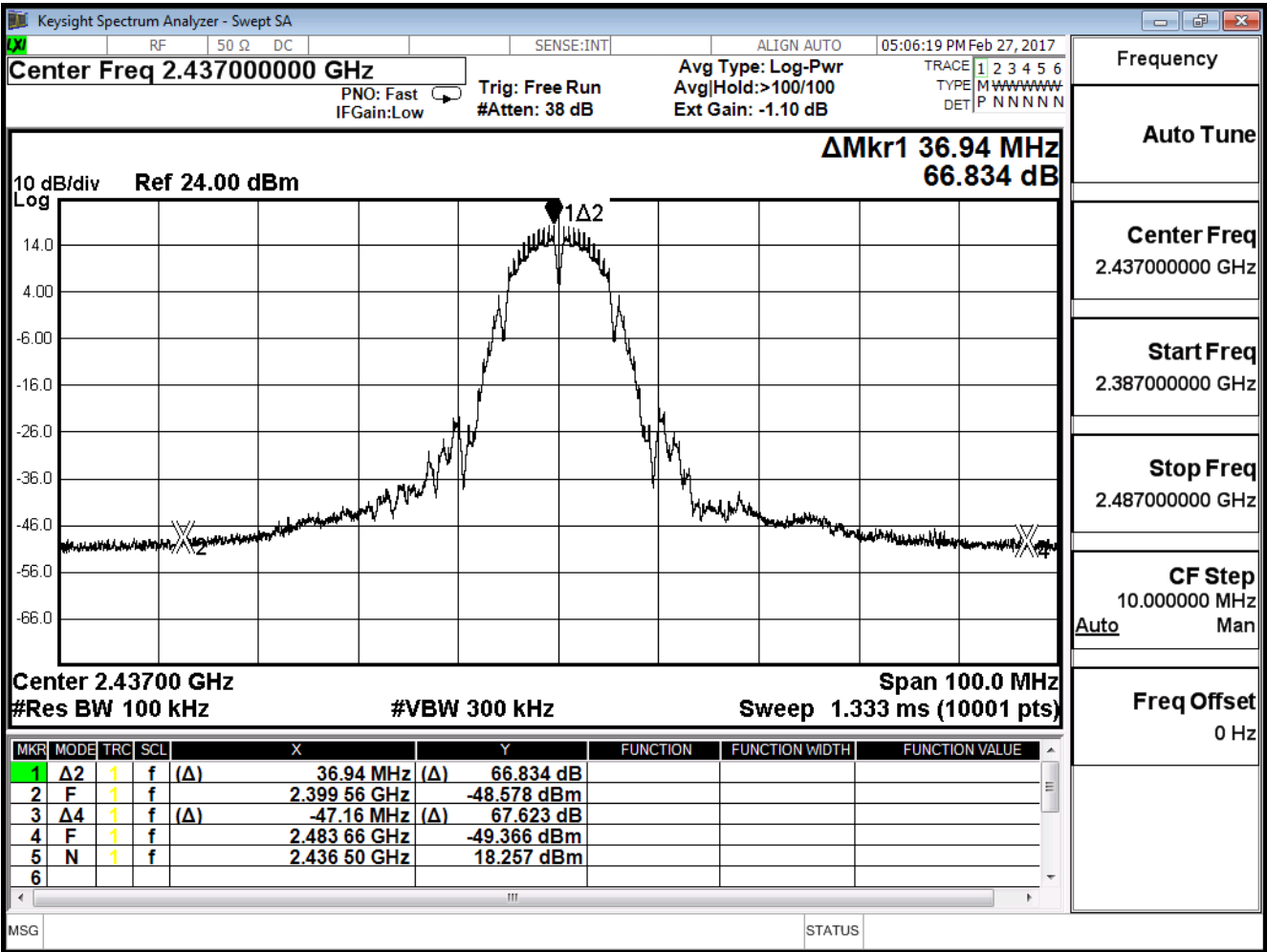
## IEEE 802.11b, Ant1

| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
|---------|-----------------|---------------------|-------------|--------|
| 1       | 2412            | 56.384              | $\geq 30$   | Pass   |
| 6       | 2437            | 66.834              | $\geq 30$   | Pass   |
| 11      | 2462            | 60.624              | $\geq 30$   | Pass   |

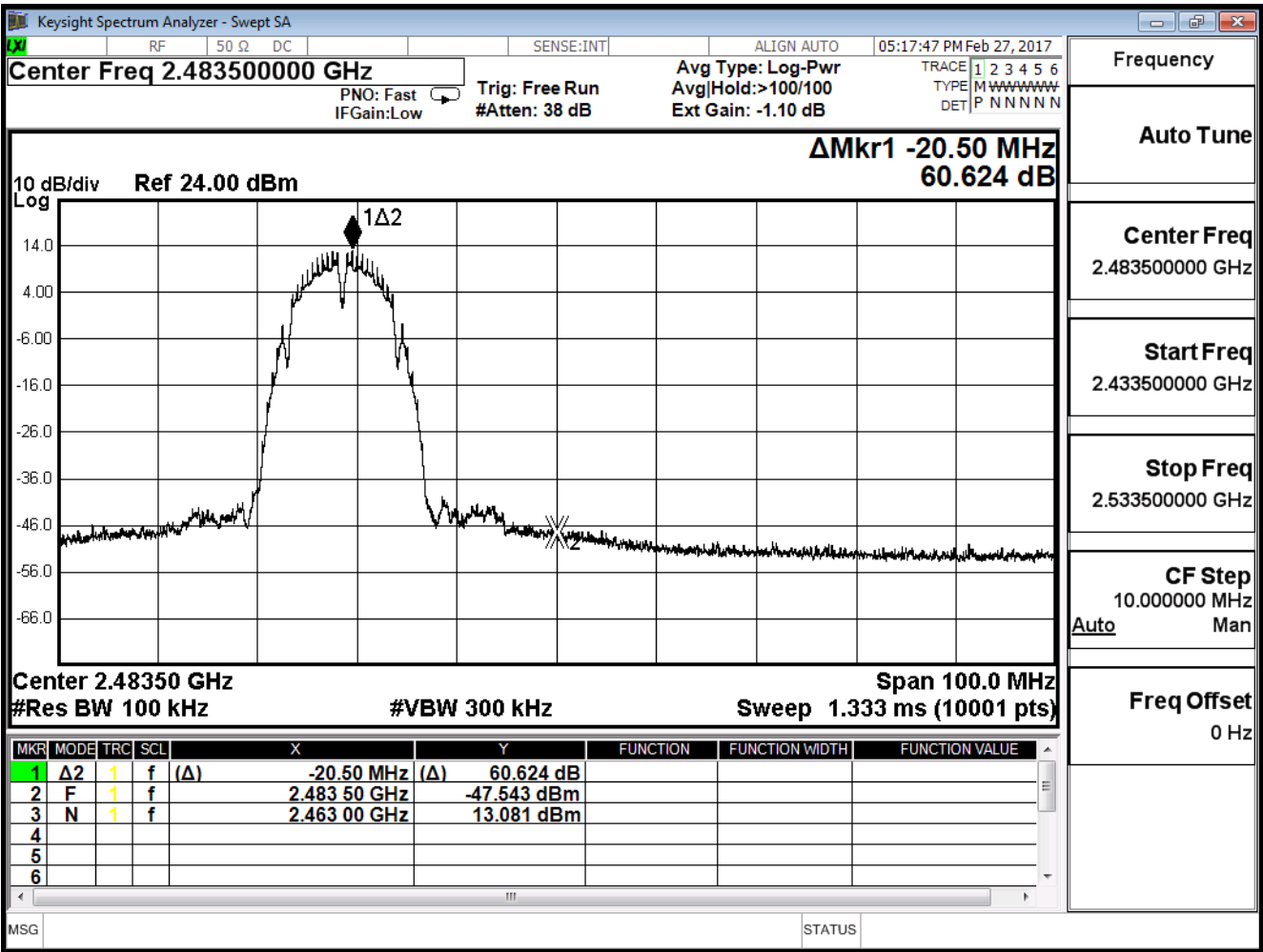
## Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

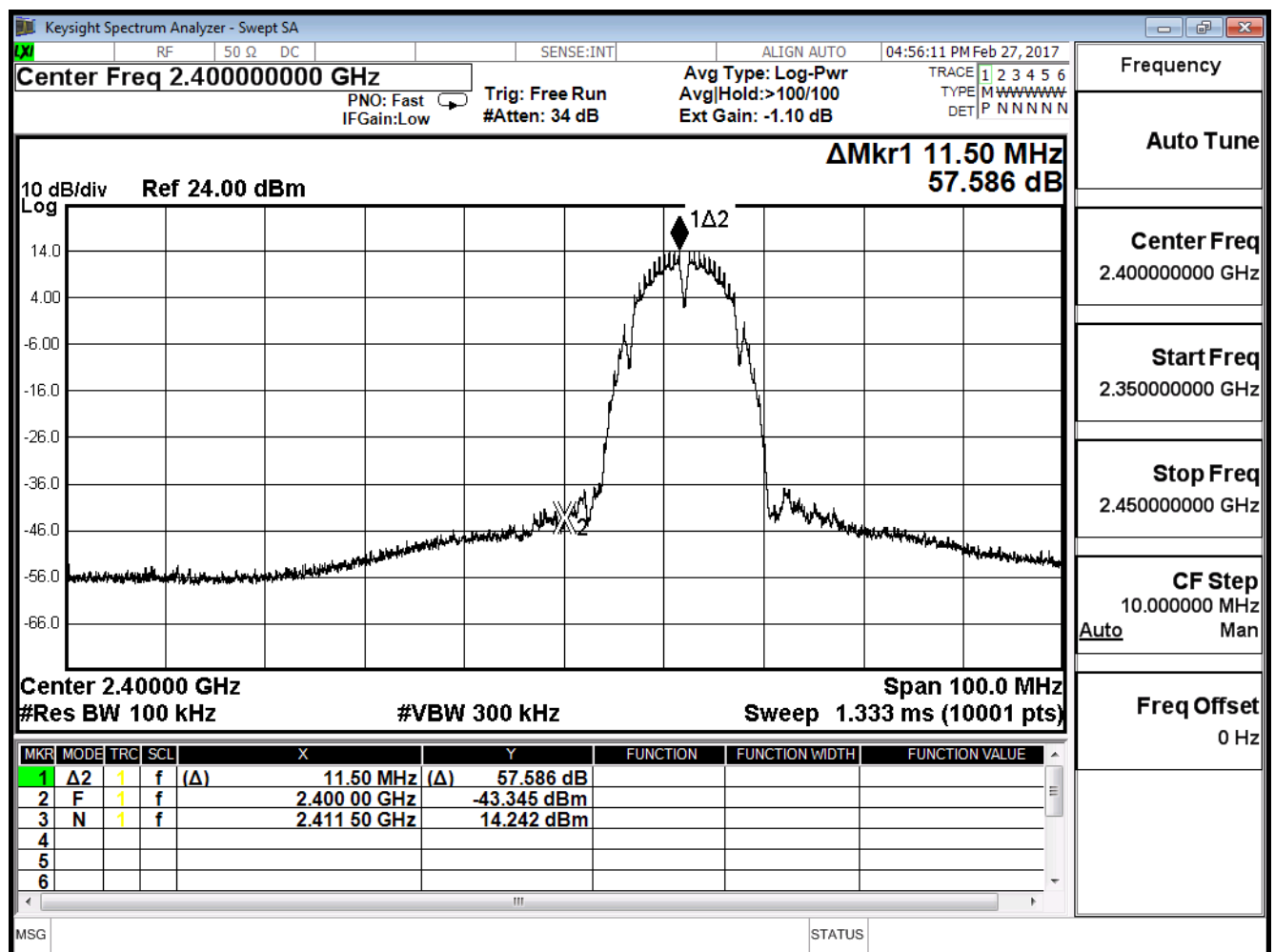


|              |                                                       |           |        |
|--------------|-------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router              |           |        |
| Test Item    | RF antenna conducted test                             |           |        |
| Test Mode    | Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g) |           |        |
| Date of Test | 2017/02/27                                            | Test Site | SR10-H |

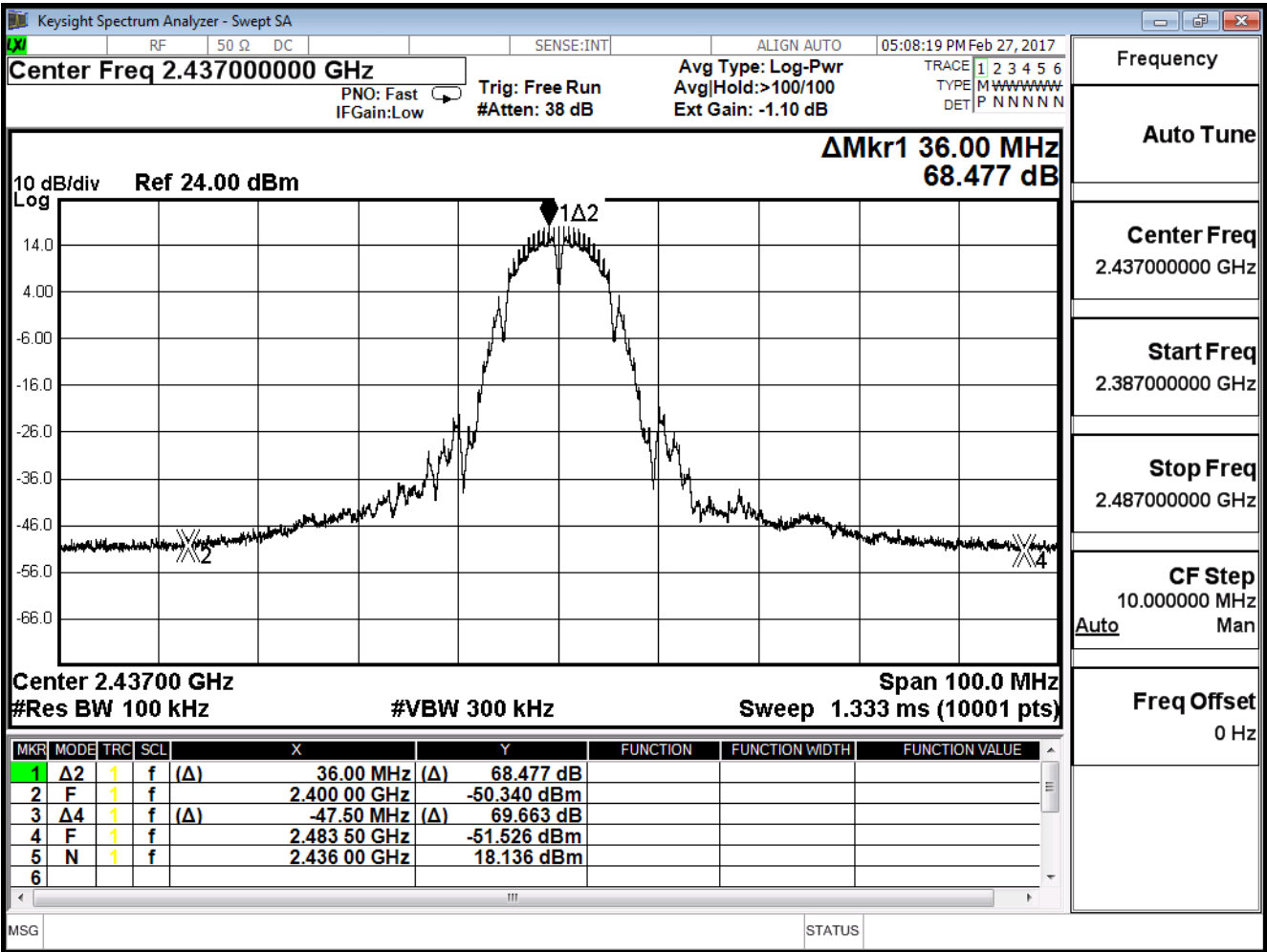
## IEEE 802.11b, Ant2

| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
|---------|-----------------|---------------------|-------------|--------|
| 1       | 2412            | 57.586              | $\geq 30$   | Pass   |
| 6       | 2437            | 68.477              | $\geq 30$   | Pass   |
| 11      | 2462            | 60.900              | $\geq 30$   | Pass   |

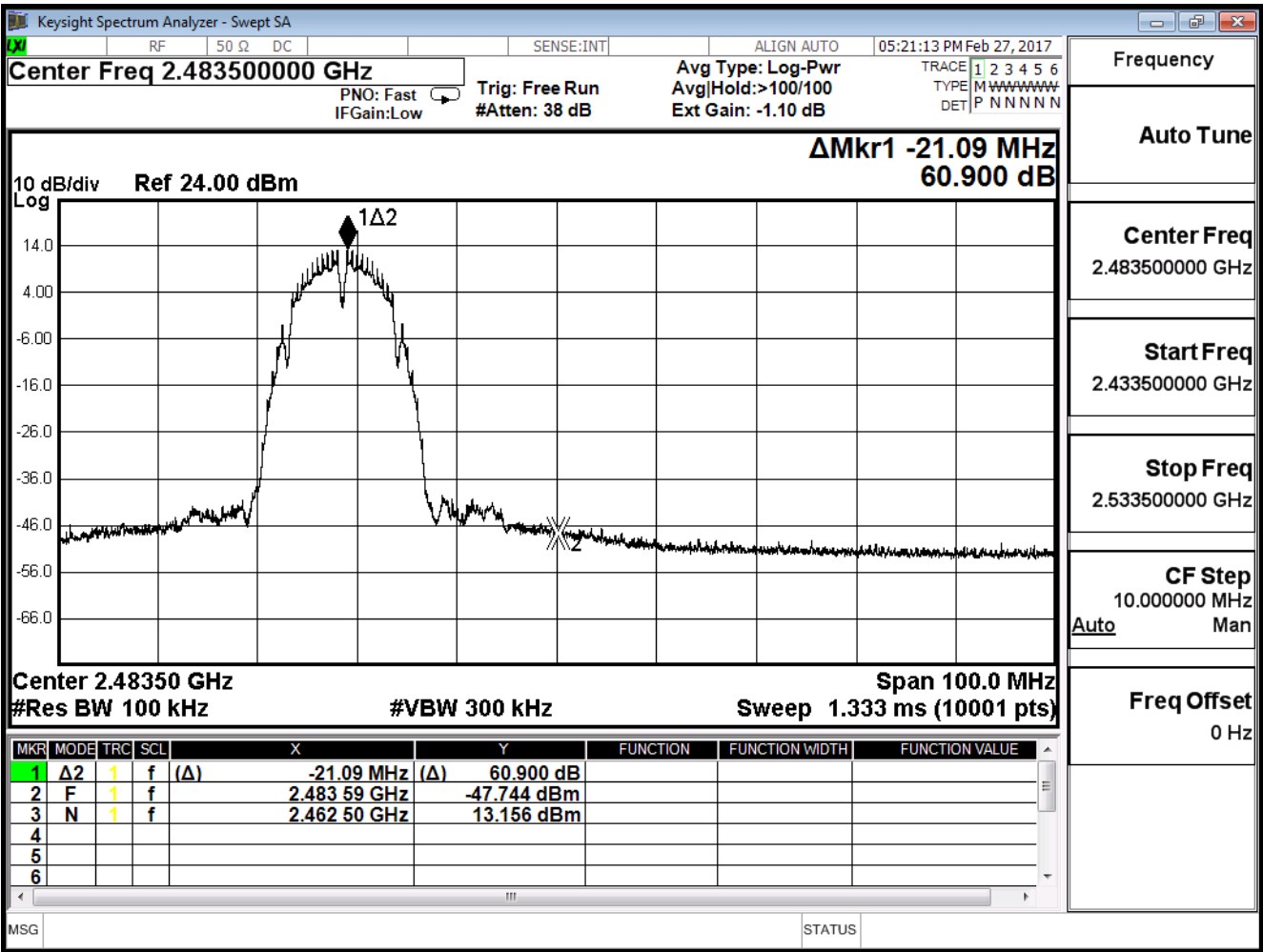
## Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

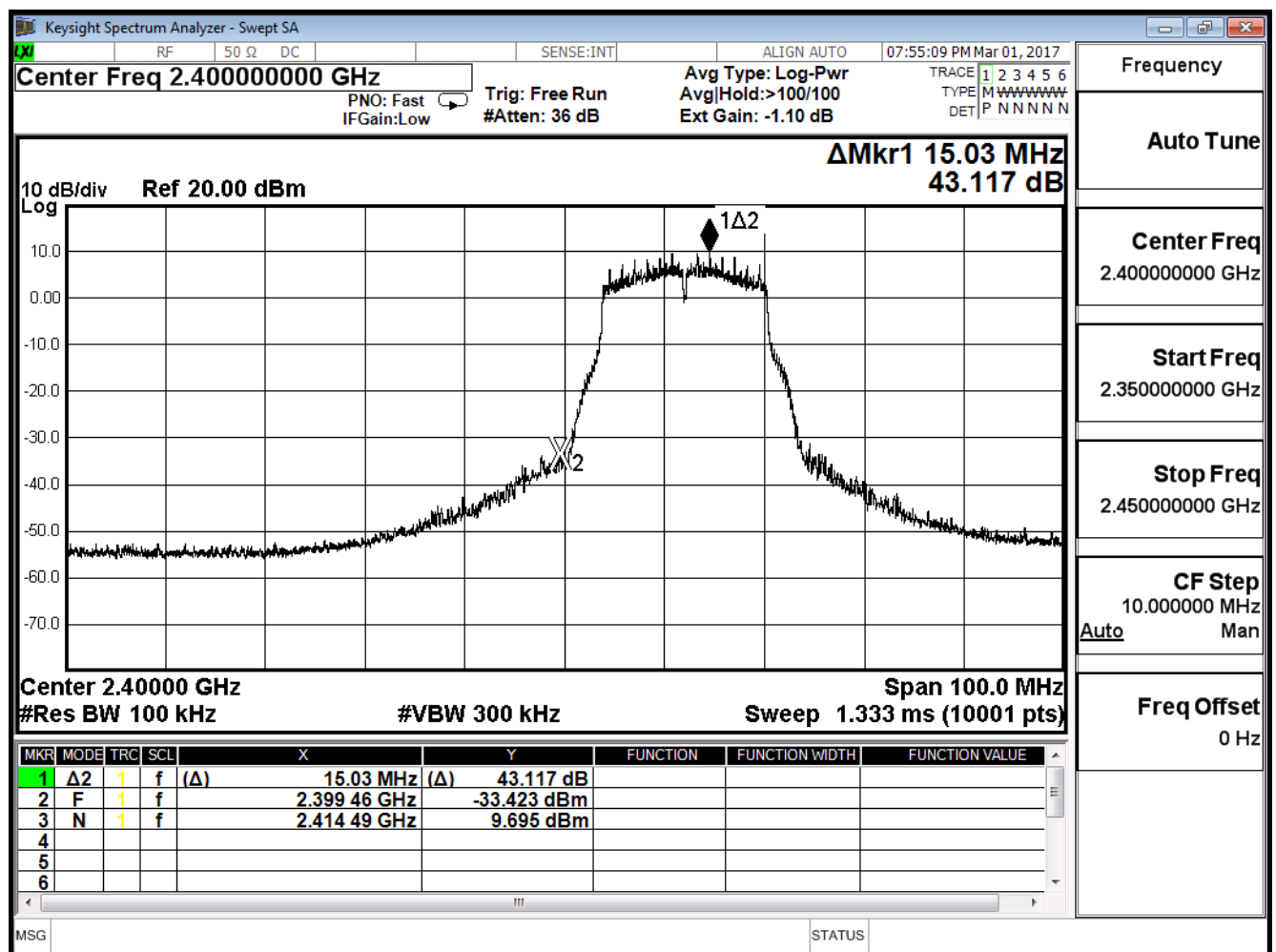


|              |                                                       |           |        |
|--------------|-------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router              |           |        |
| Test Item    | RF antenna conducted test                             |           |        |
| Test Mode    | Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g) |           |        |
| Date of Test | 2017/03/01                                            | Test Site | SR10-H |

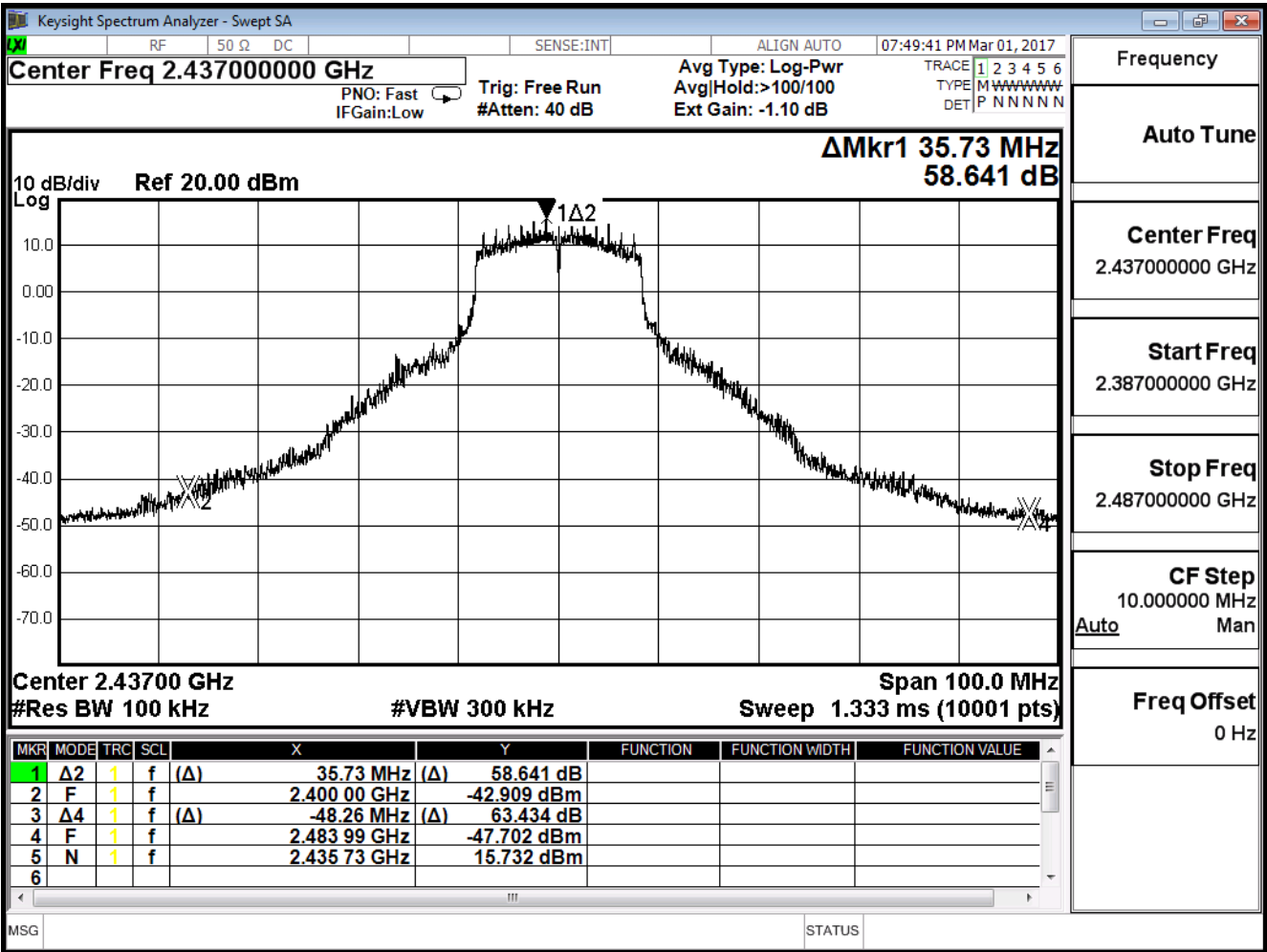
## IEEE 802.11g, Ant0

| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
|---------|-----------------|---------------------|-------------|--------|
| 1       | 2412            | 43.117              | $\geq 30$   | Pass   |
| 6       | 2437            | 58.641              | $\geq 30$   | Pass   |
| 11      | 2462            | 55.130              | $\geq 30$   | Pass   |

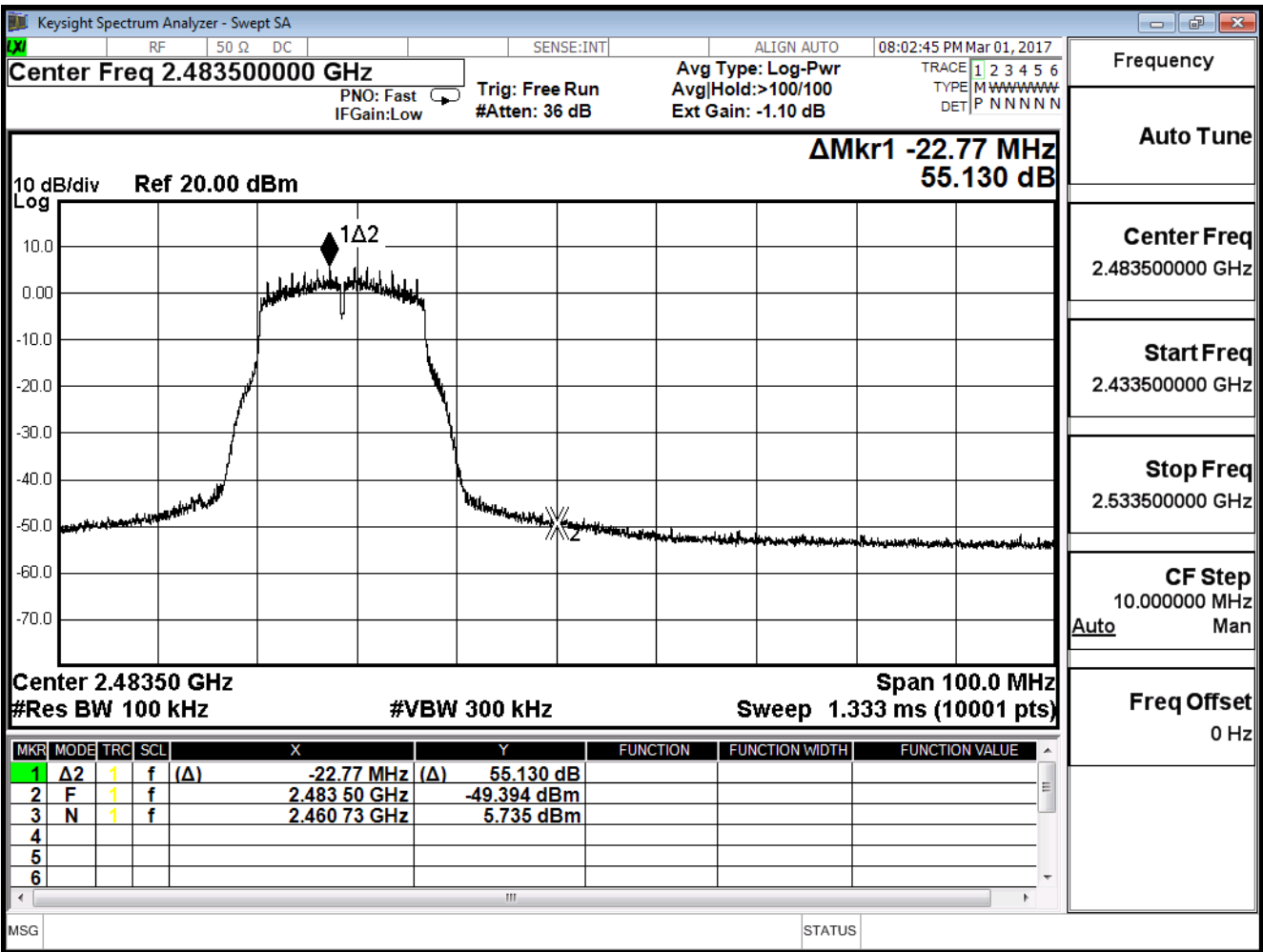
## Channel 1 (2412MHz)



Channel 6 (2437MHz)



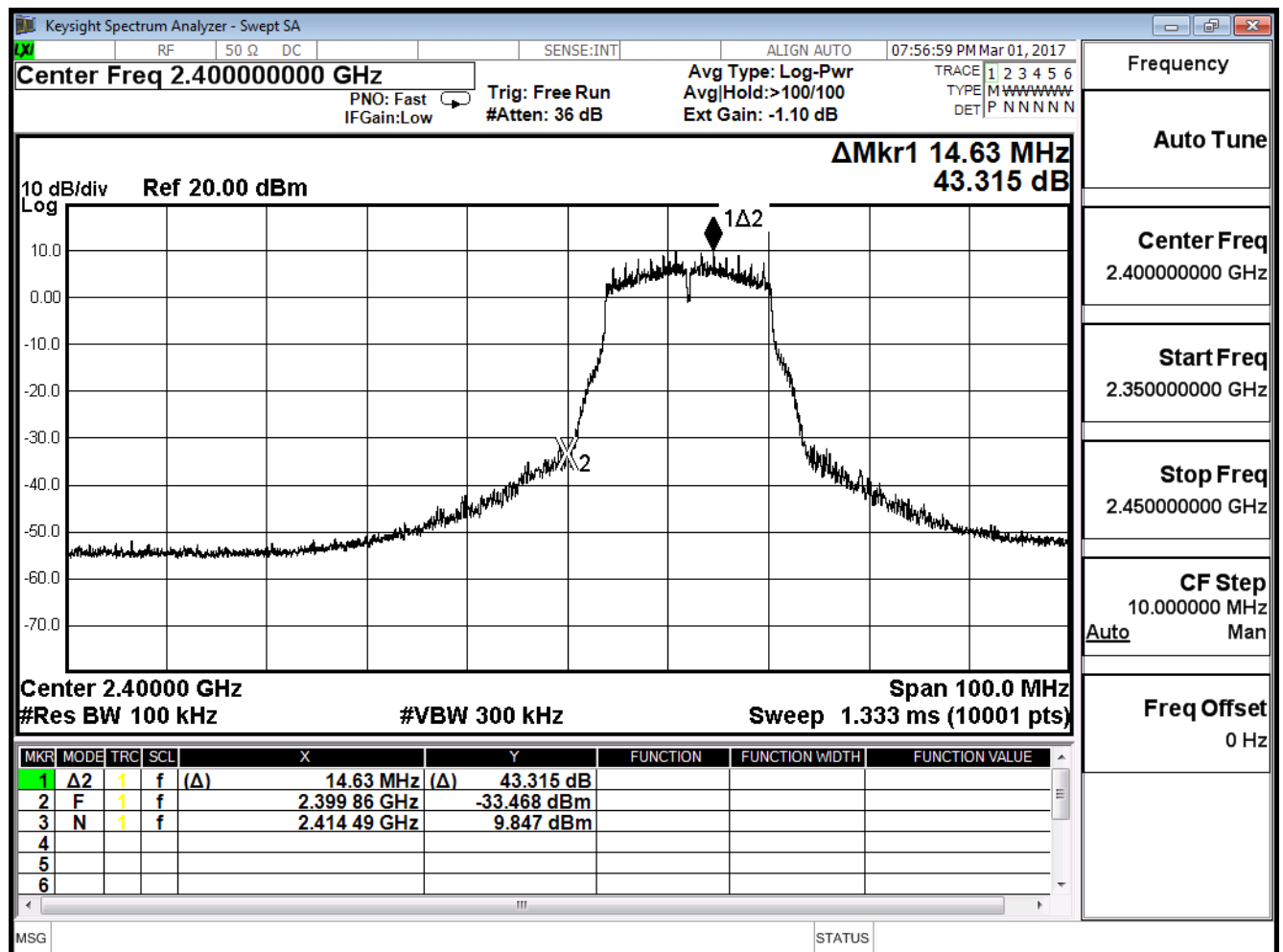
Channel 11 (2462MHz)



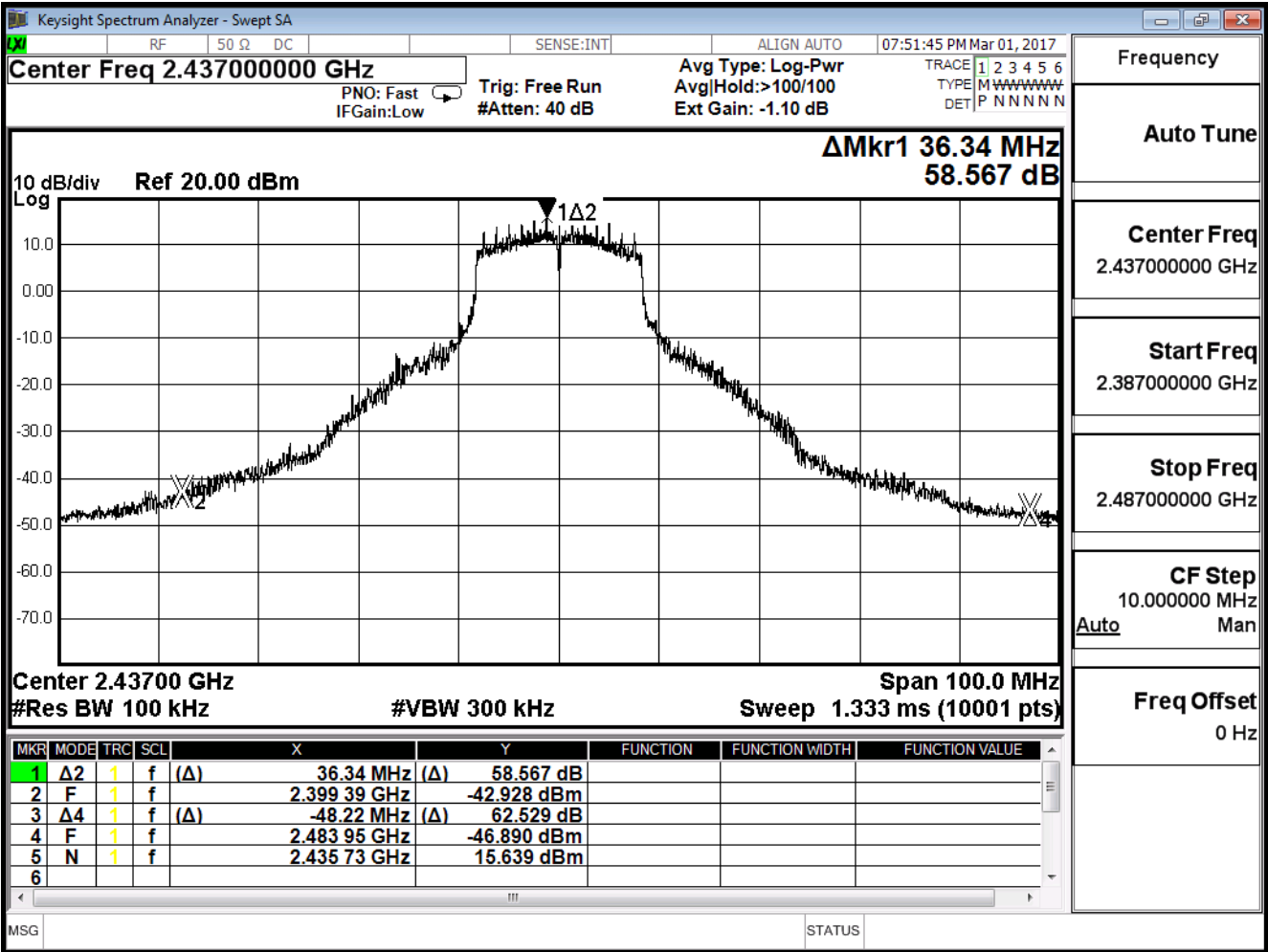
|              |                                                       |           |        |
|--------------|-------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router              |           |        |
| Test Item    | RF antenna conducted test                             |           |        |
| Test Mode    | Mode 1: Tx ADP: AD890326010-2LF_CDD Mode (802.11 b/g) |           |        |
| Date of Test | 2017/03/01                                            | Test Site | SR10-H |

| IEEE 802.11g, Ant1 |                 |                     |             |        |
|--------------------|-----------------|---------------------|-------------|--------|
| Channel            | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 1                  | 2412            | 43.315              | $\geq 30$   | Pass   |
| 6                  | 2437            | 58.567              | $\geq 30$   | Pass   |
| 11                 | 2462            | 54.950              | $\geq 30$   | Pass   |

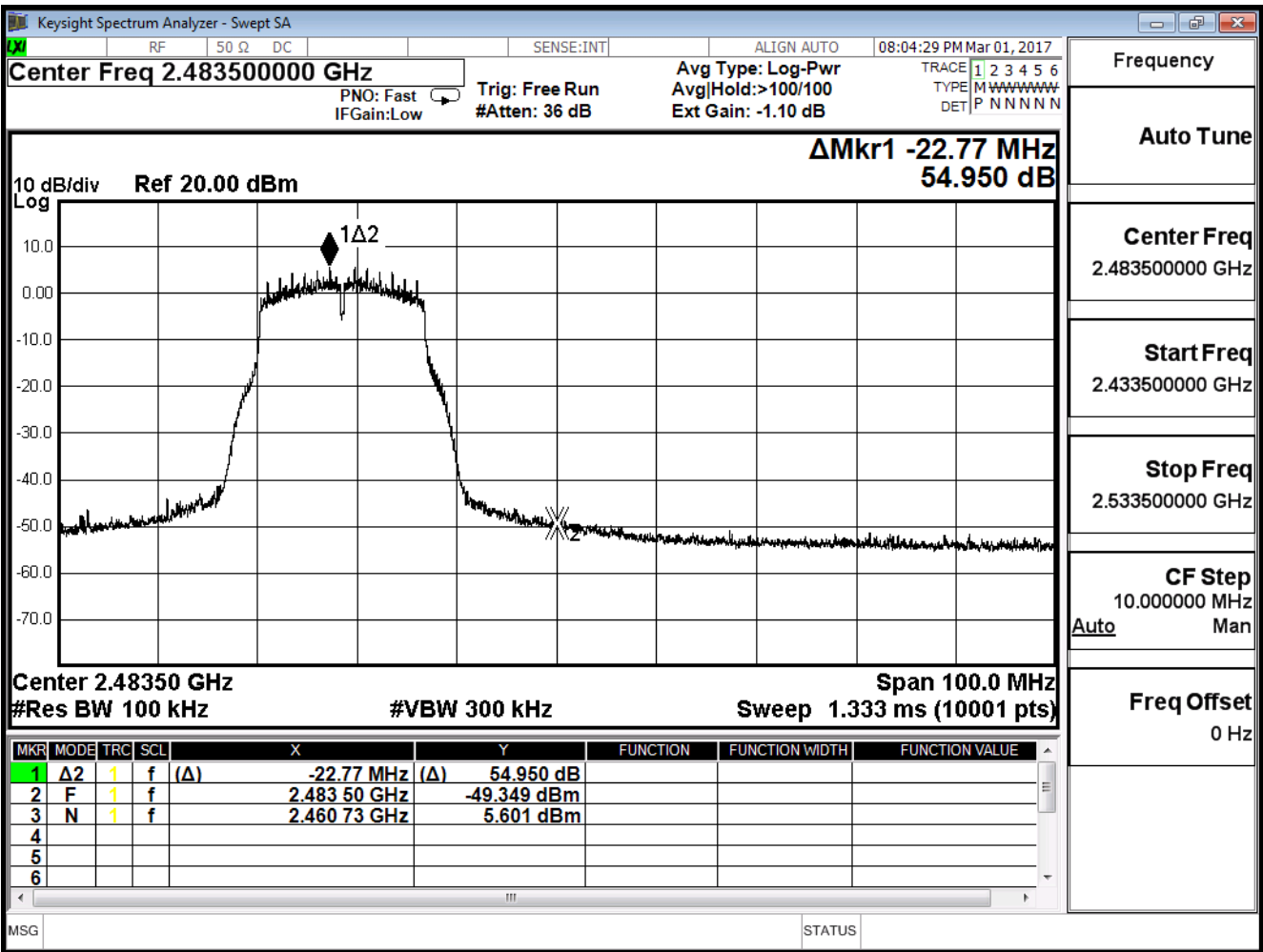
Channel 1 (2412MHz)



Channel 6 (2437MHz)



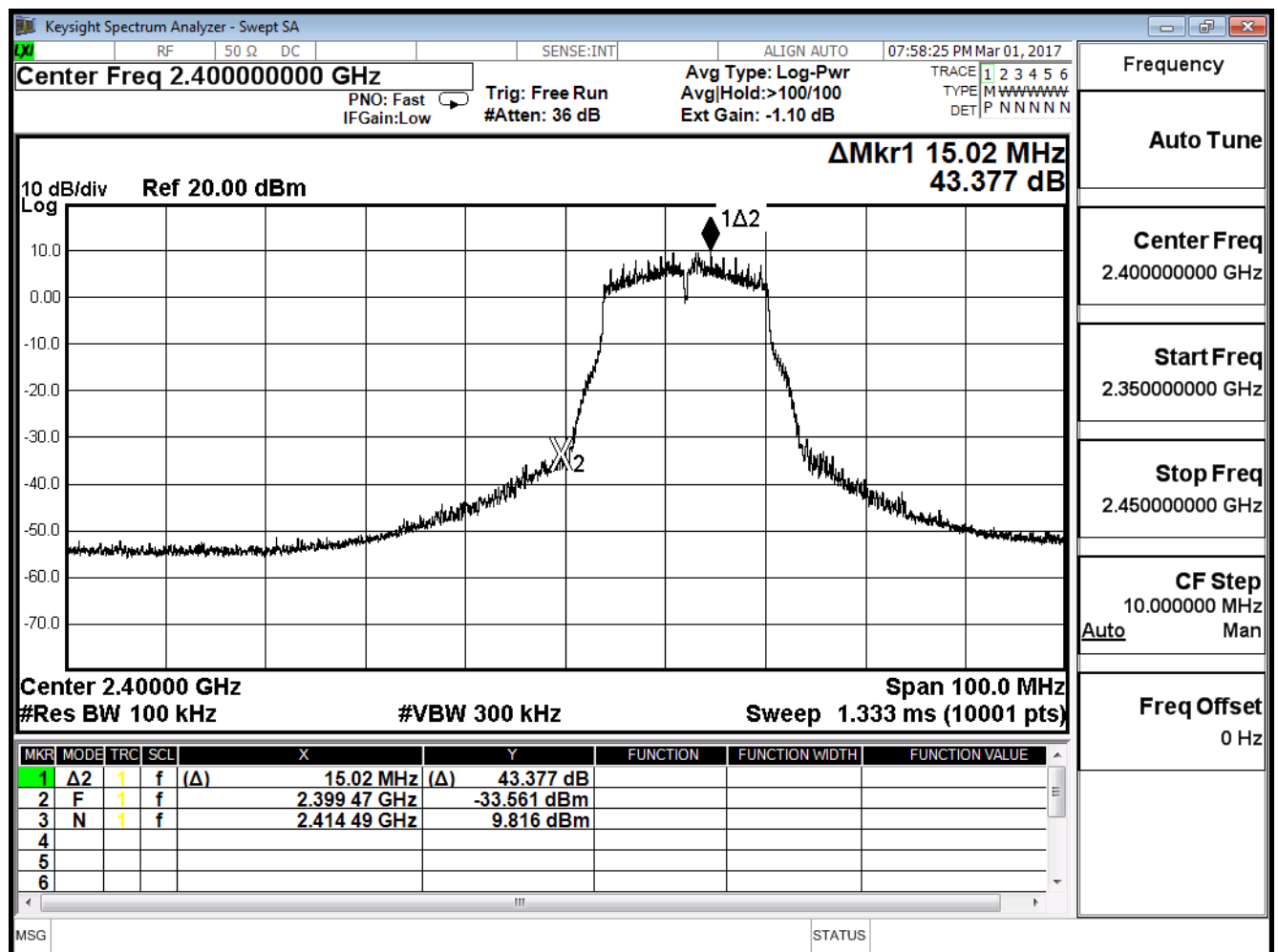
Channel 11 (2462MHz)



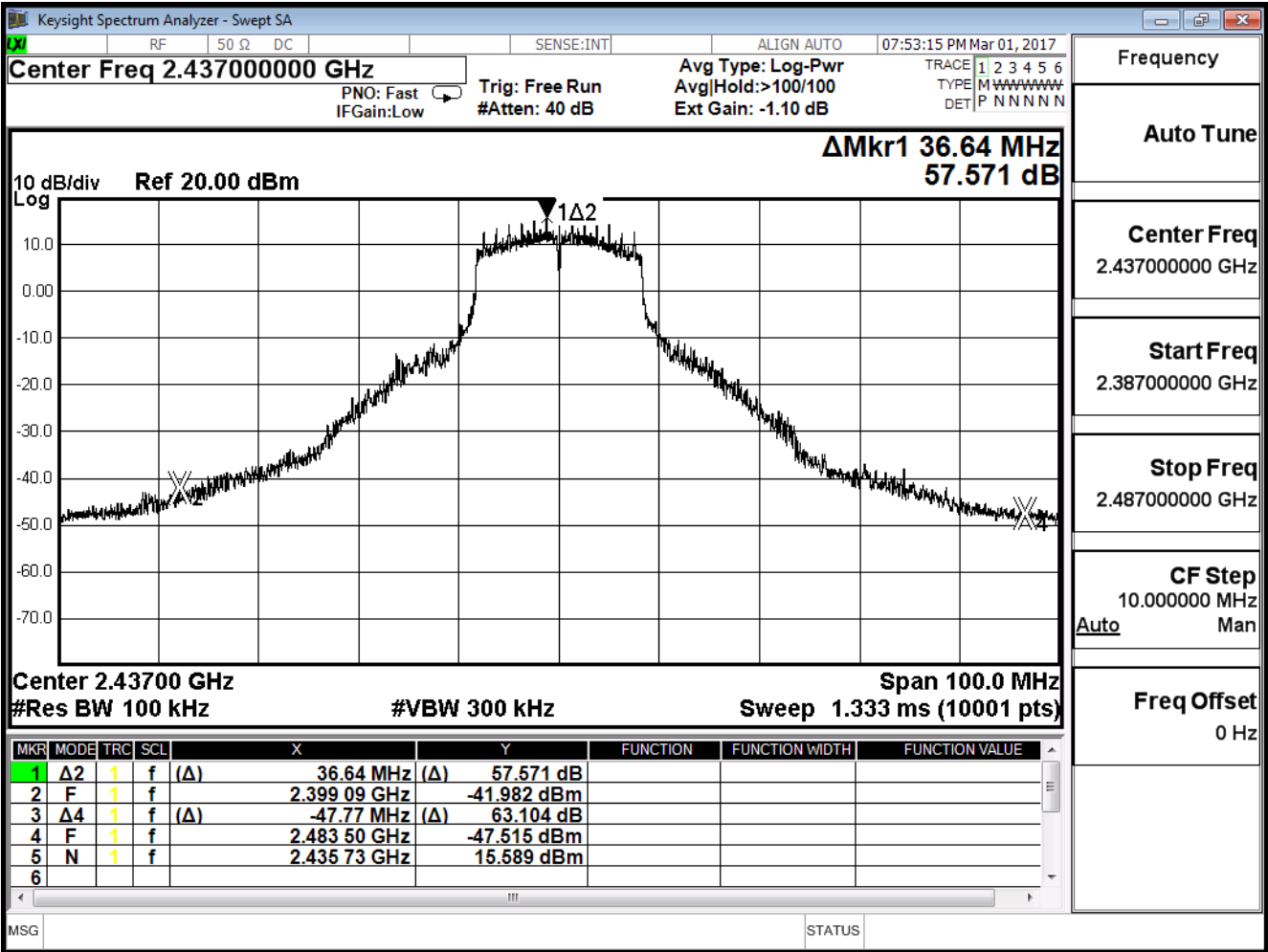
|              |                                                       |           |        |
|--------------|-------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router              |           |        |
| Test Item    | RF antenna conducted test                             |           |        |
| Test Mode    | Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g) |           |        |
| Date of Test | 2017/03/01                                            | Test Site | SR10-H |

| IEEE 802.11g, Ant2 |                 |                     |             |        |
|--------------------|-----------------|---------------------|-------------|--------|
| Channel            | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 1                  | 2412            | 43.377              | $\geq 30$   | Pass   |
| 6                  | 2437            | 57.571              | $\geq 30$   | Pass   |
| 11                 | 2462            | 54.278              | $\geq 30$   | Pass   |

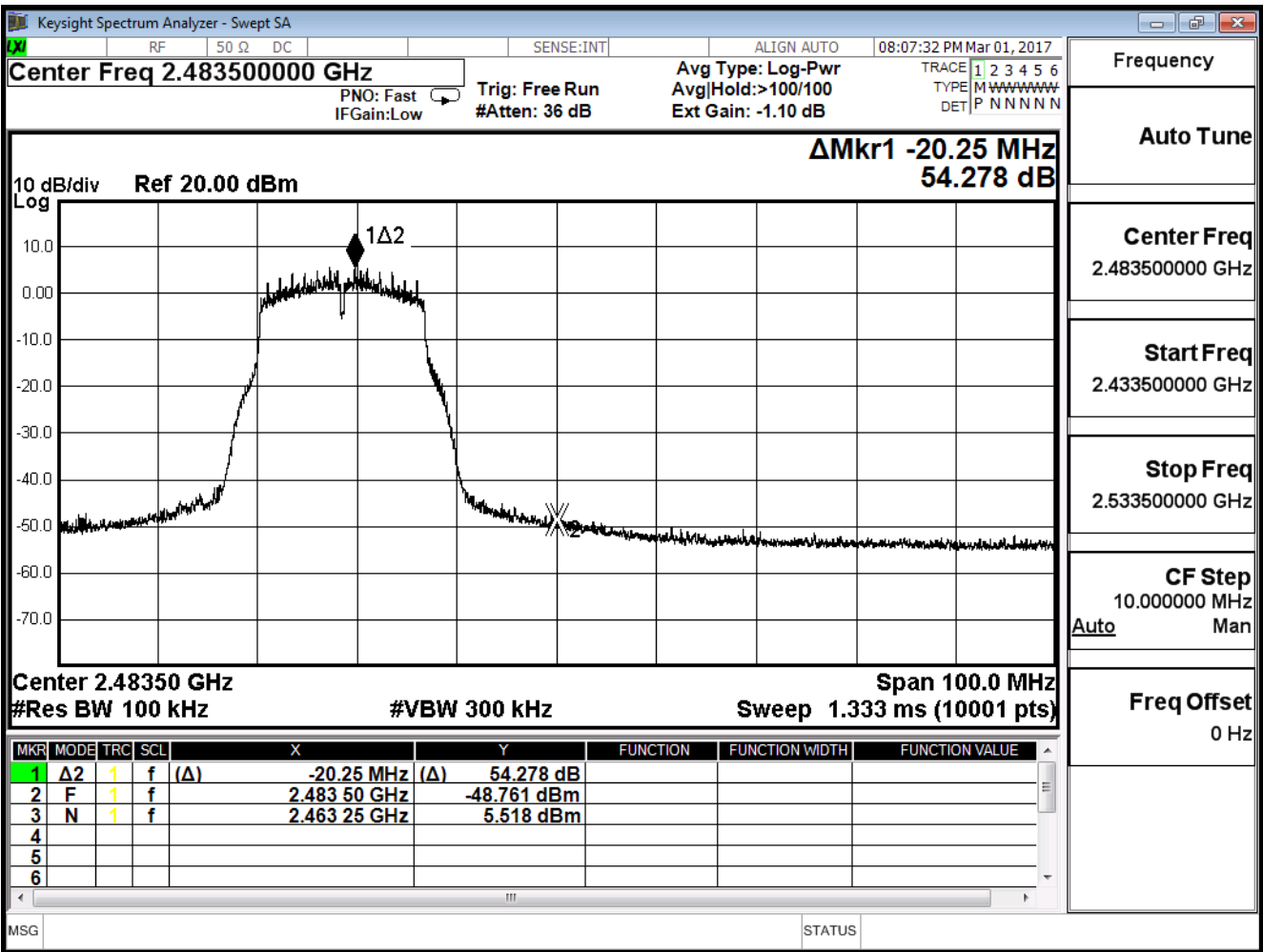
Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

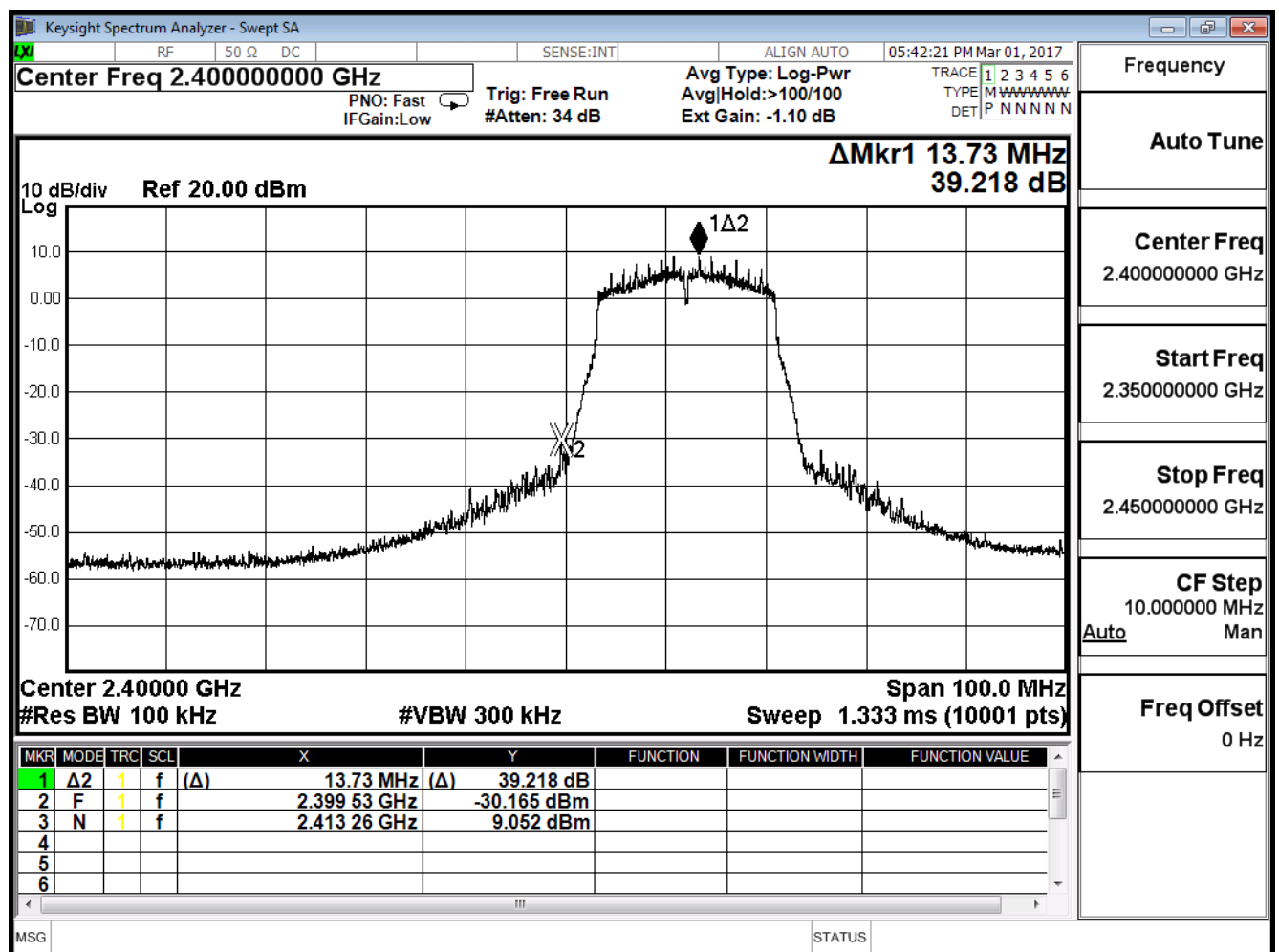


|              |                                                            |           |        |
|--------------|------------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router                   |           |        |
| Test Item    | RF antenna conducted test                                  |           |        |
| Test Mode    | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) |           |        |
| Date of Test | 2017/03/01                                                 | Test Site | SR10-H |

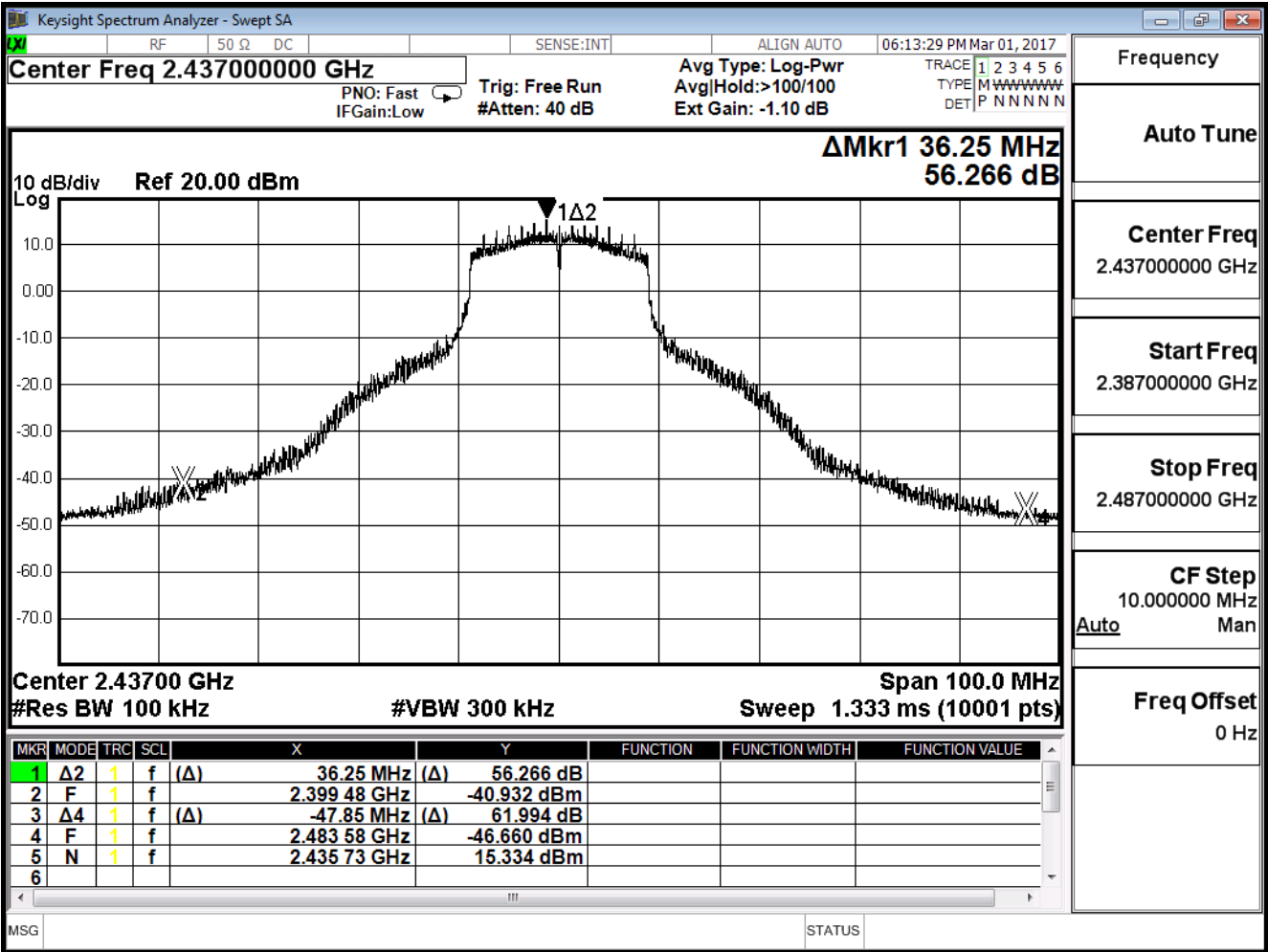
## IEEE 802.11n (20MHz), Ant 0

| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
|---------|-----------------|---------------------|-------------|--------|
| 1       | 2412            | 39.218              | $\geq 30$   | Pass   |
| 6       | 2437            | 56.266              | $\geq 30$   | Pass   |
| 11      | 2462            | 54.577              | $\geq 30$   | Pass   |

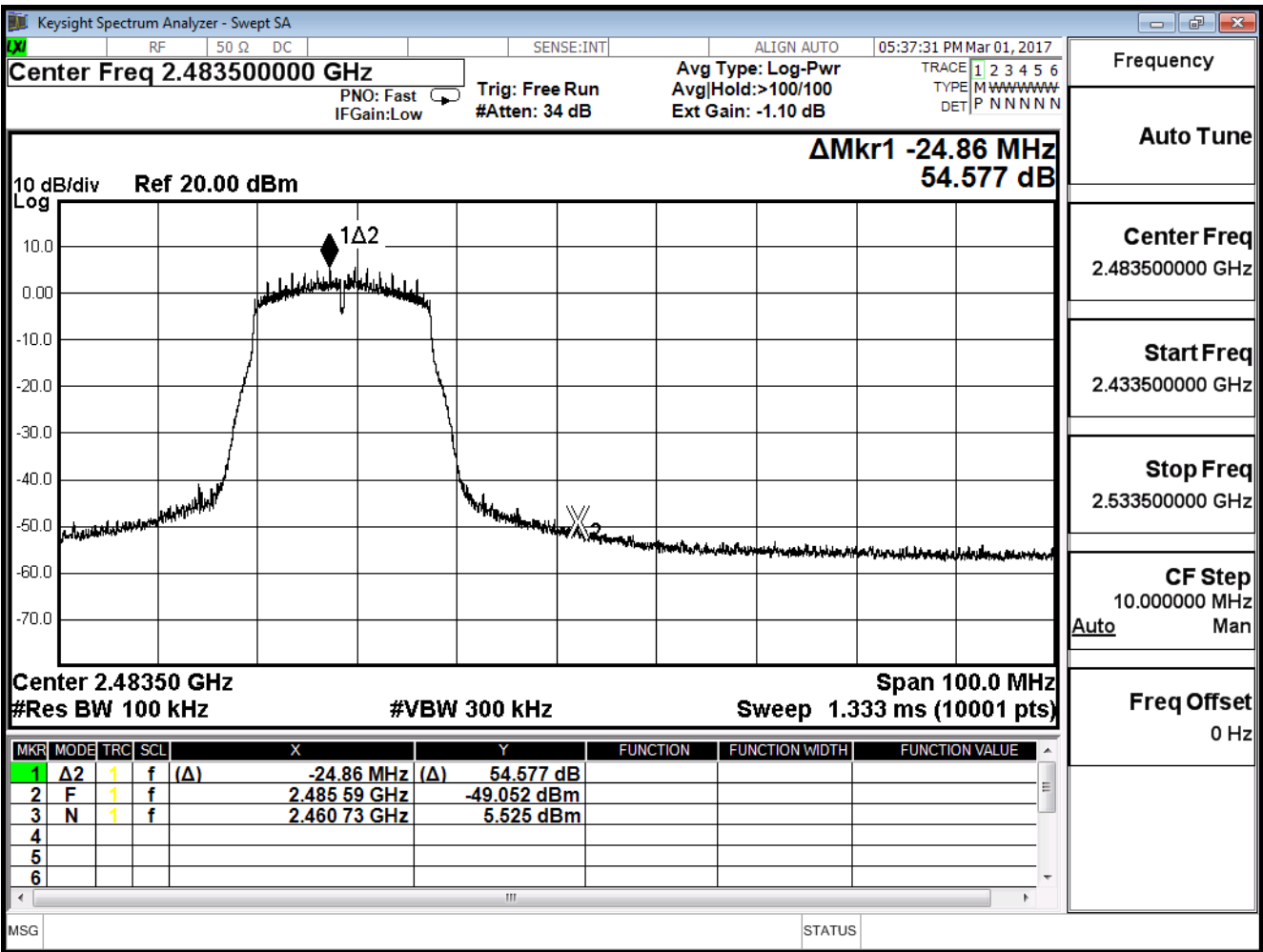
## Channel 1 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

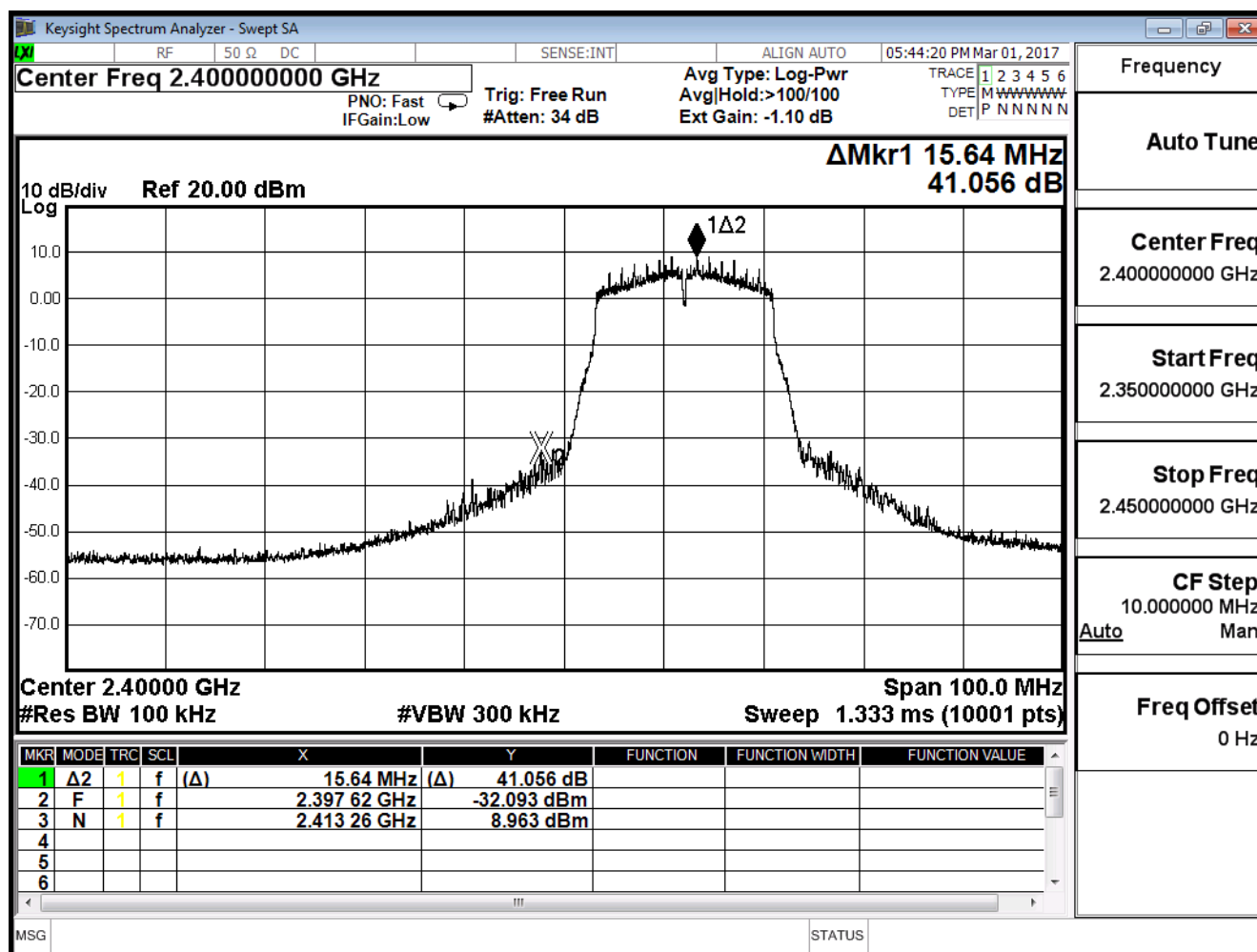


|              |                                                             |           |        |
|--------------|-------------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router                    |           |        |
| Test Item    | RF antenna conducted test                                   |           |        |
| Test Mode    | Mode 2: Tx_AD P: AD890326010-2LF_ MIMO Mode (802.11 n20/40) |           |        |
| Date of Test | 2017/03/01                                                  | Test Site | SR10-H |

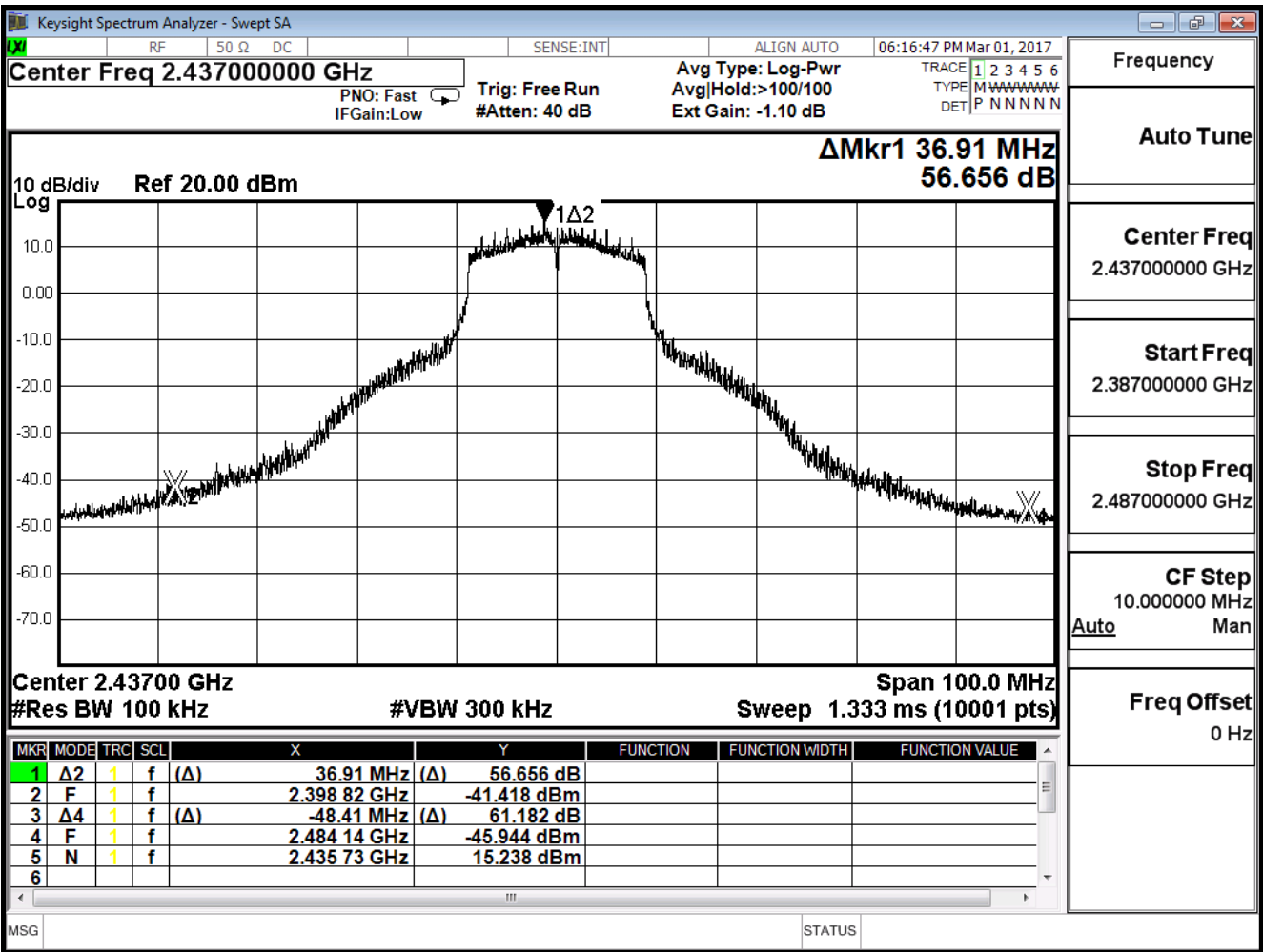
## IEEE 802.11n (20MHz), Ant 1

| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
|---------|-----------------|---------------------|-------------|--------|
| 1       | 2412            | 41.056              | $\geq 30$   | Pass   |
| 6       | 2437            | 56.656              | $\geq 30$   | Pass   |
| 11      | 2462            | 55.329              | $\geq 30$   | Pass   |

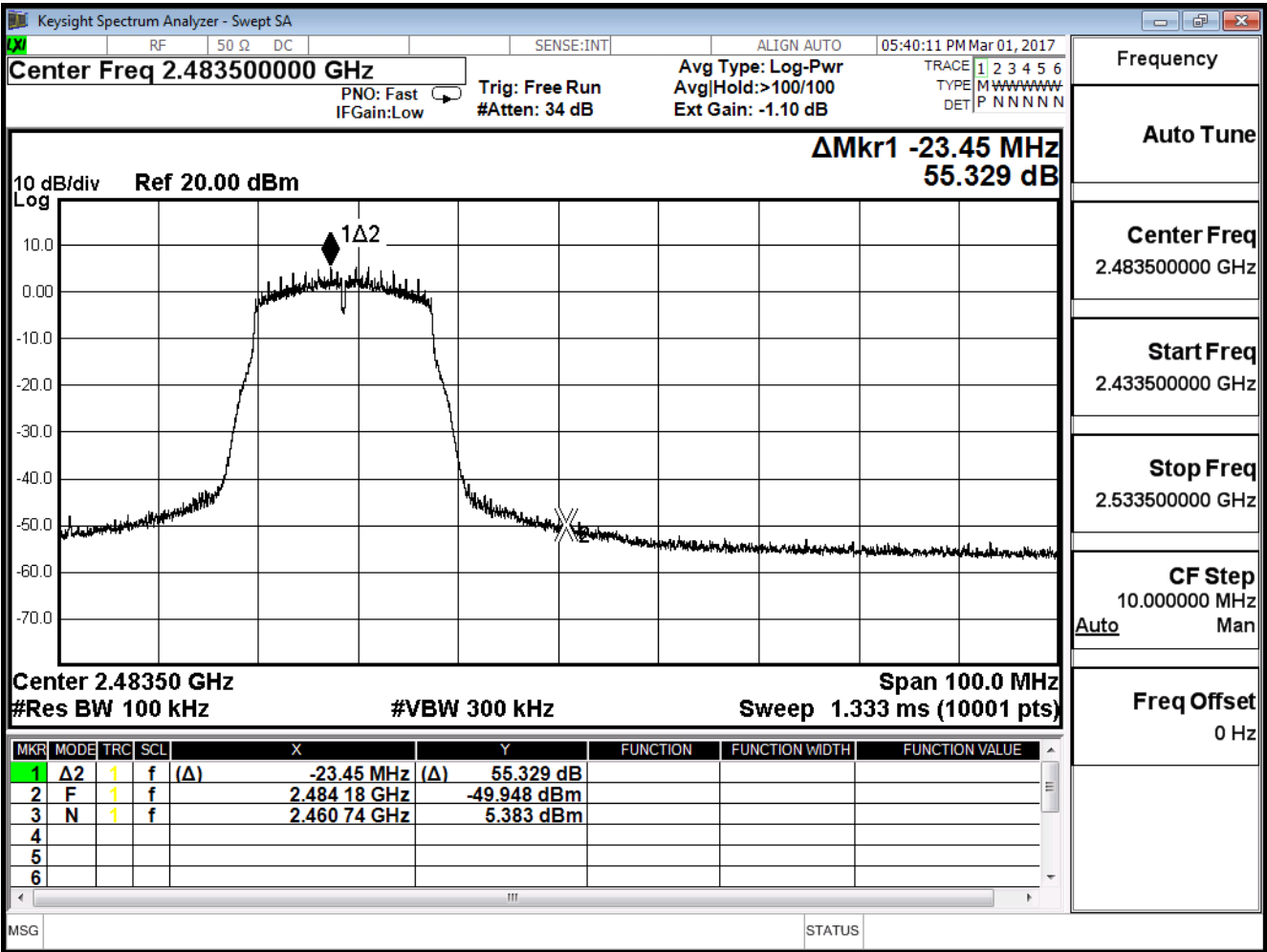
## Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

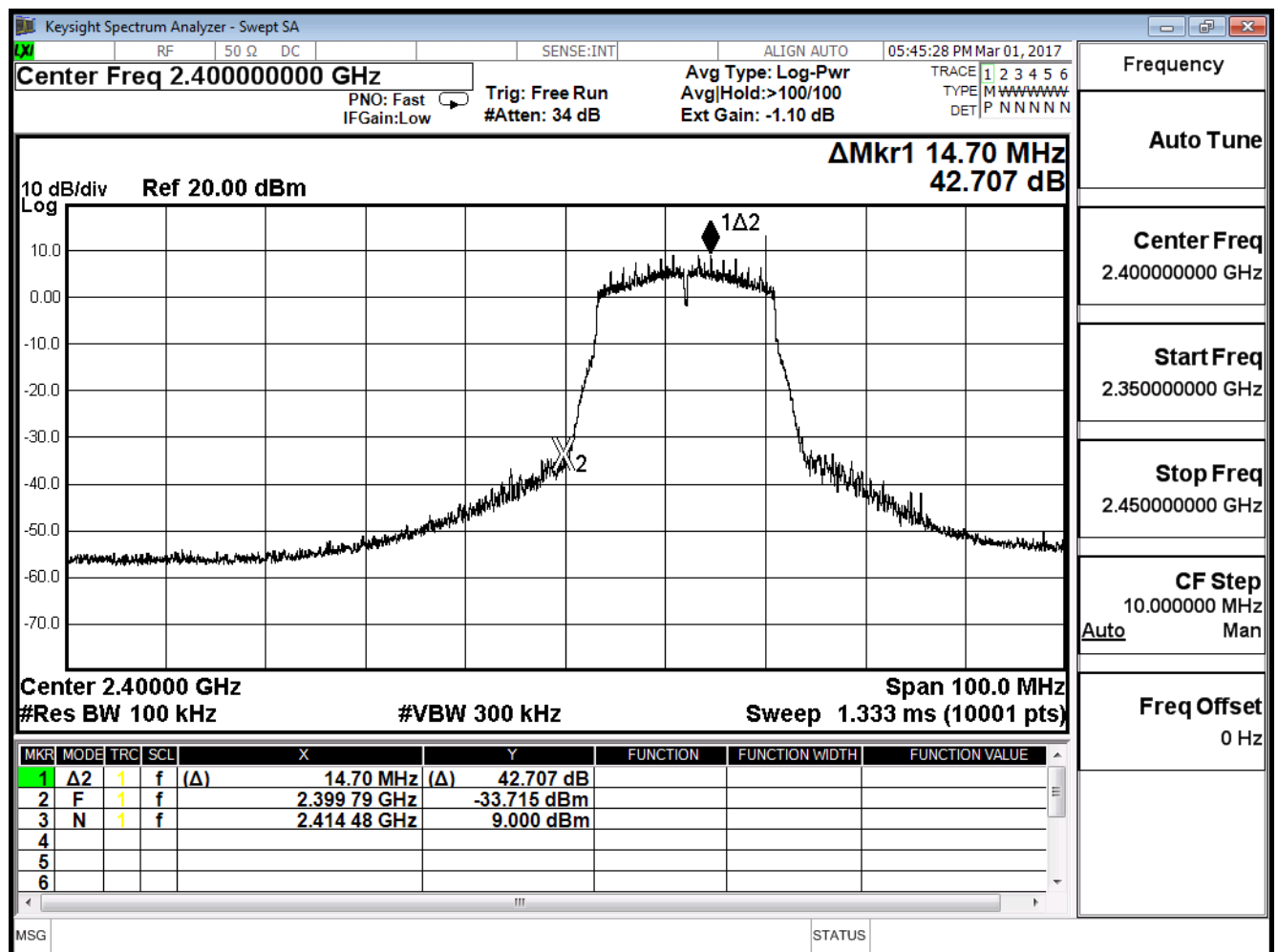


|              |                                                             |           |        |
|--------------|-------------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router                    |           |        |
| Test Item    | RF antenna conducted test                                   |           |        |
| Test Mode    | Mode 2: Tx_AD P: AD890326010-2LF_ MIMO Mode (802.11 n20/40) |           |        |
| Date of Test | 2017/03/01                                                  | Test Site | SR10-H |

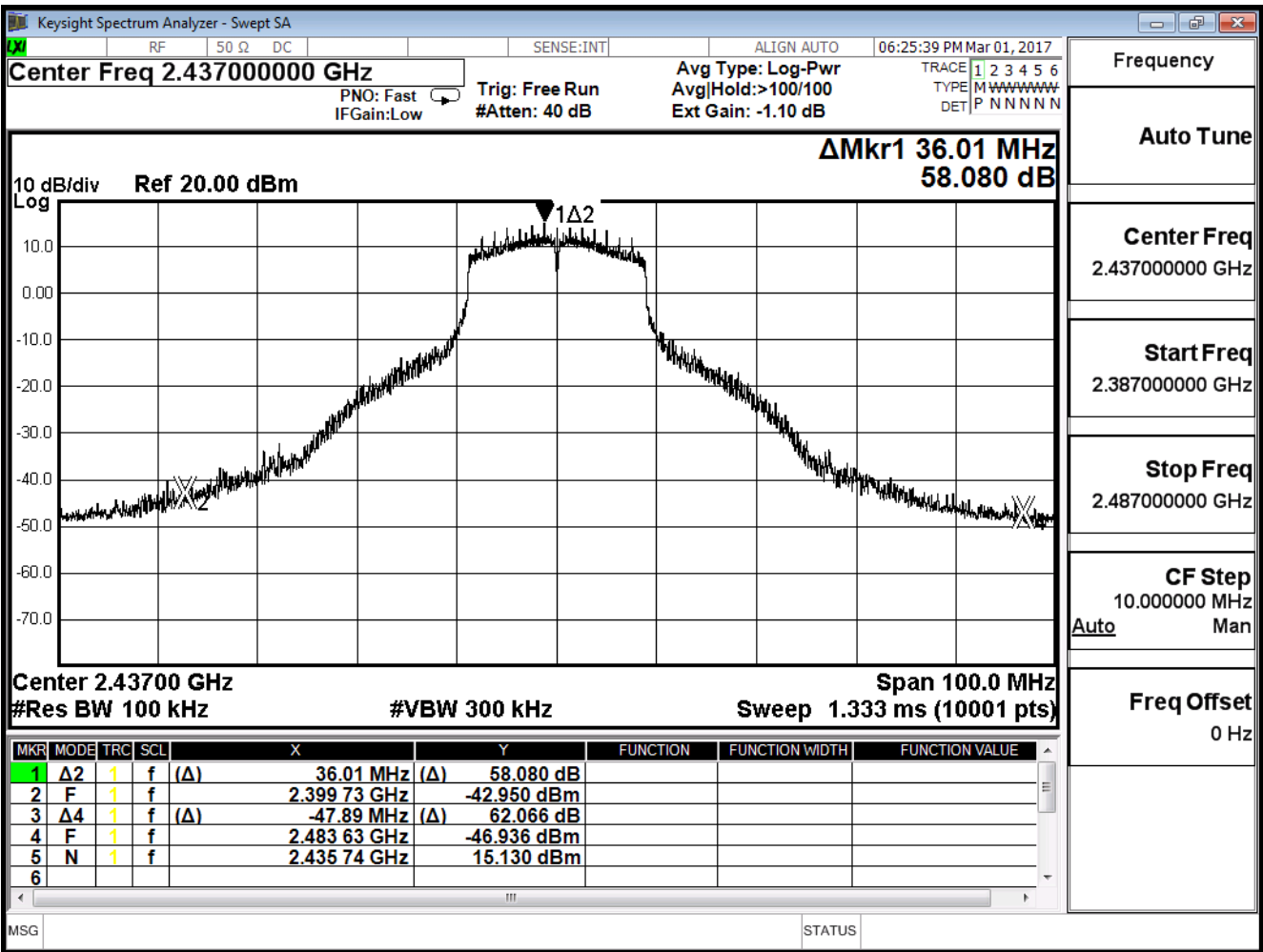
## IEEE 802.11n (20MHz), Ant 2

| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
|---------|-----------------|---------------------|-------------|--------|
| 1       | 2412            | 42.707              | $\geq 30$   | Pass   |
| 6       | 2437            | 58.080              | $\geq 30$   | Pass   |
| 11      | 2462            | 56.752              | $\geq 30$   | Pass   |

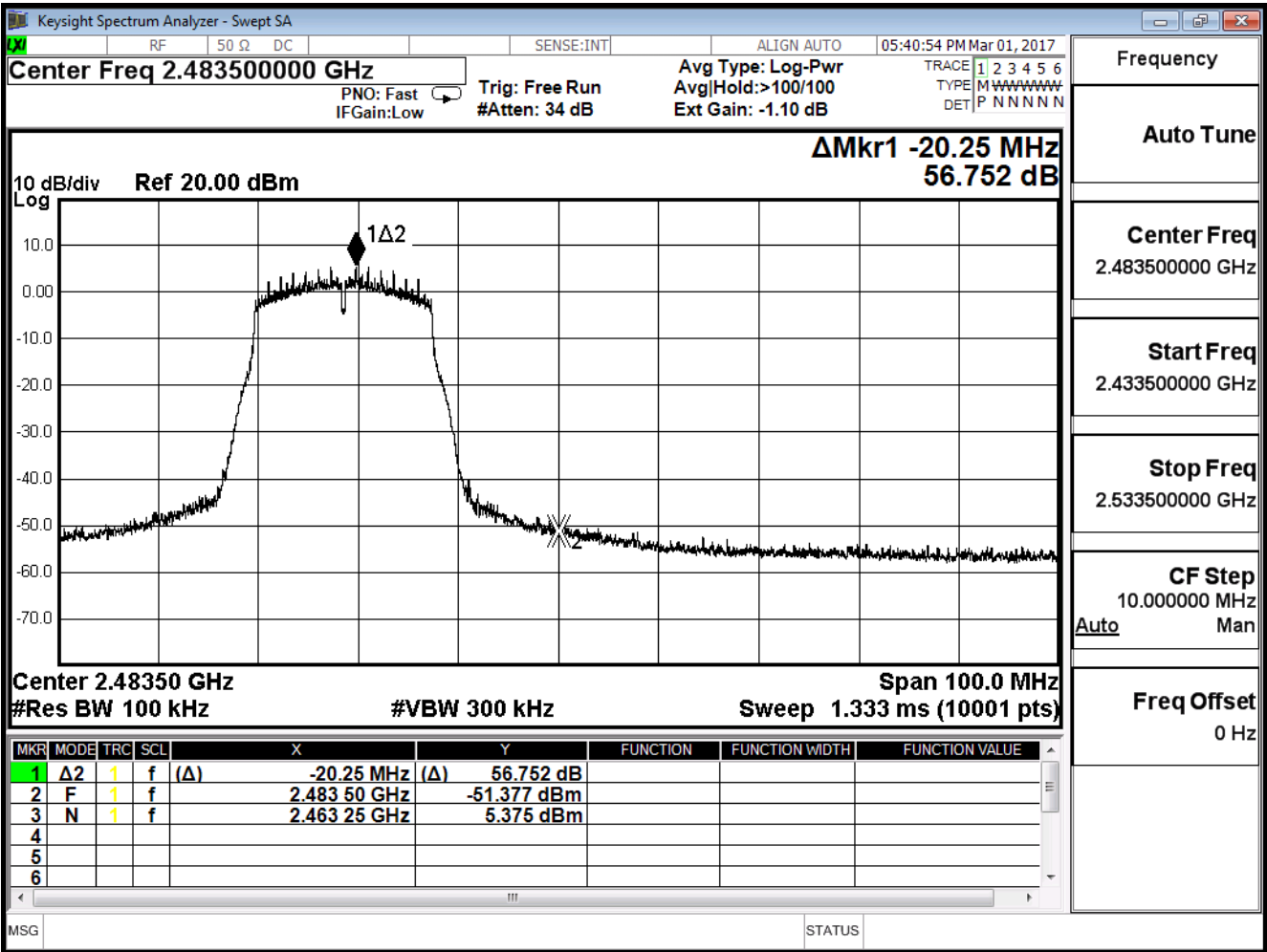
## Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

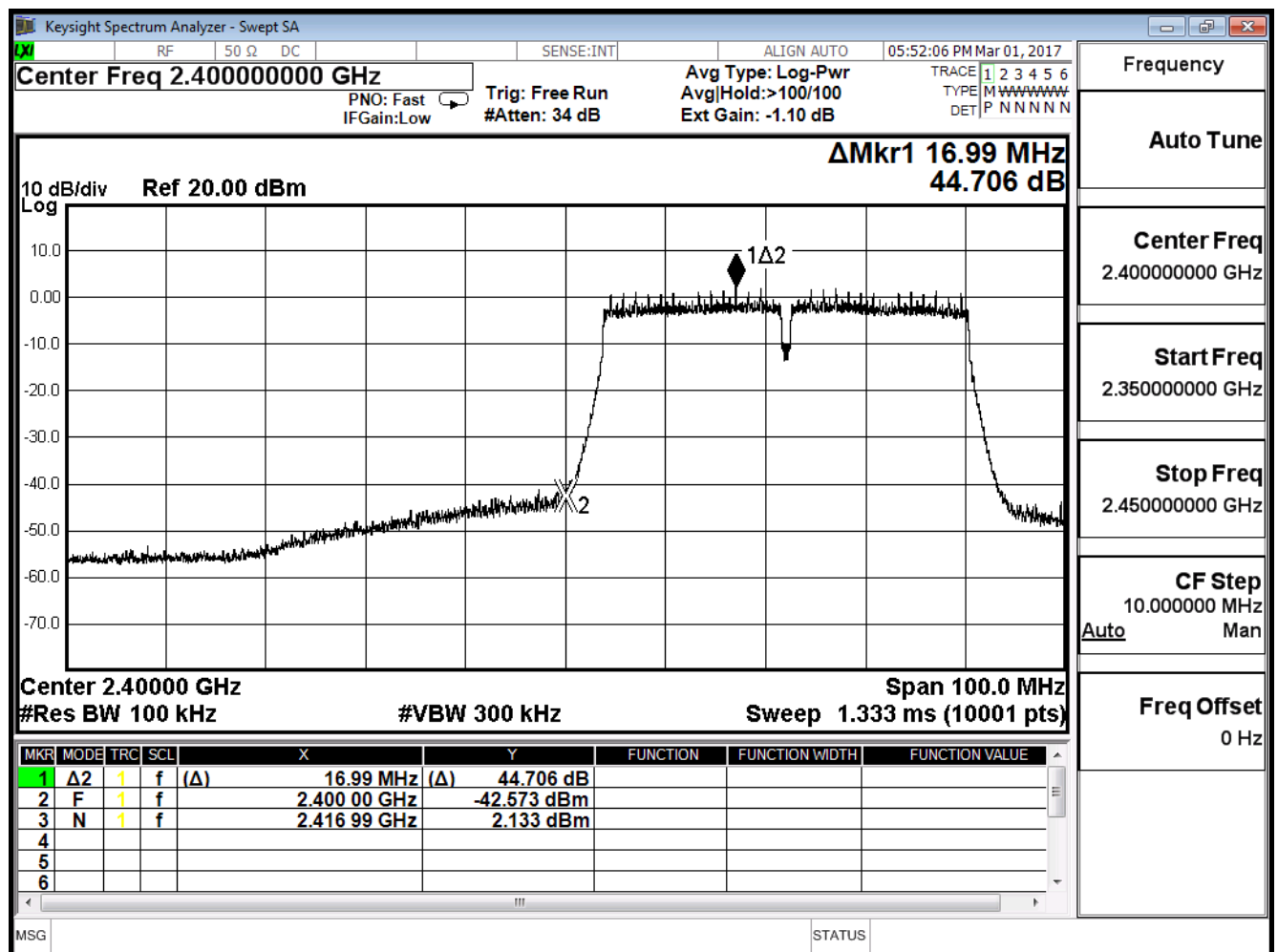


|              |                                                             |           |        |
|--------------|-------------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router                    |           |        |
| Test Item    | RF antenna conducted test                                   |           |        |
| Test Mode    | Mode 2: Tx_AD P: AD890326010-2LF_ MIMO Mode (802.11 n20/40) |           |        |
| Date of Test | 2017/03/01                                                  | Test Site | SR10-H |

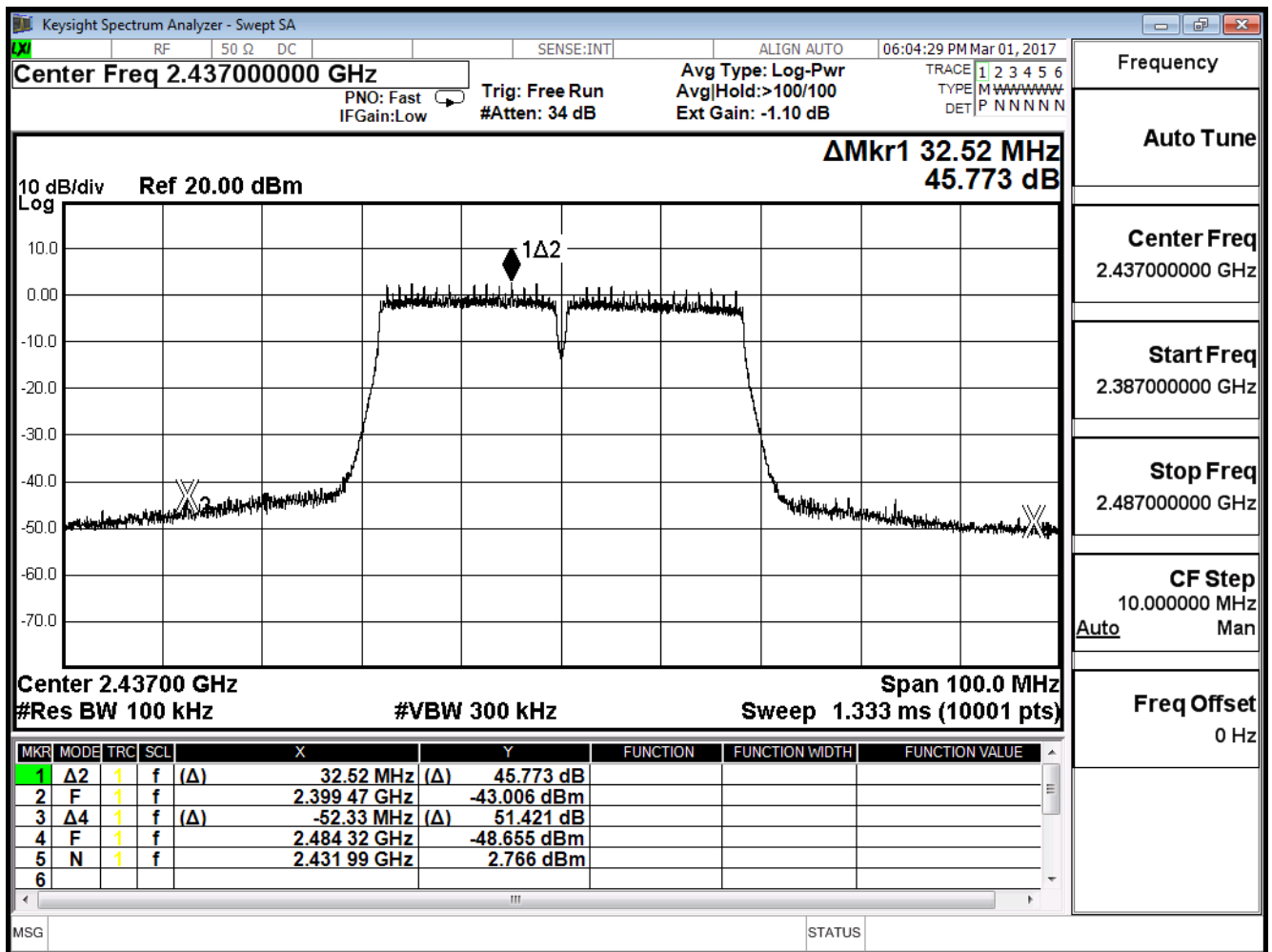
## IEEE 802.11n (40MHz), Ant 0

| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
|---------|-----------------|---------------------|-------------|--------|
| 3       | 2422            | 44.706              | $\geq 30$   | Pass   |
| 6       | 2437            | 45.773              | $\geq 30$   | Pass   |
| 9       | 2452            | 48.396              | $\geq 30$   | Pass   |

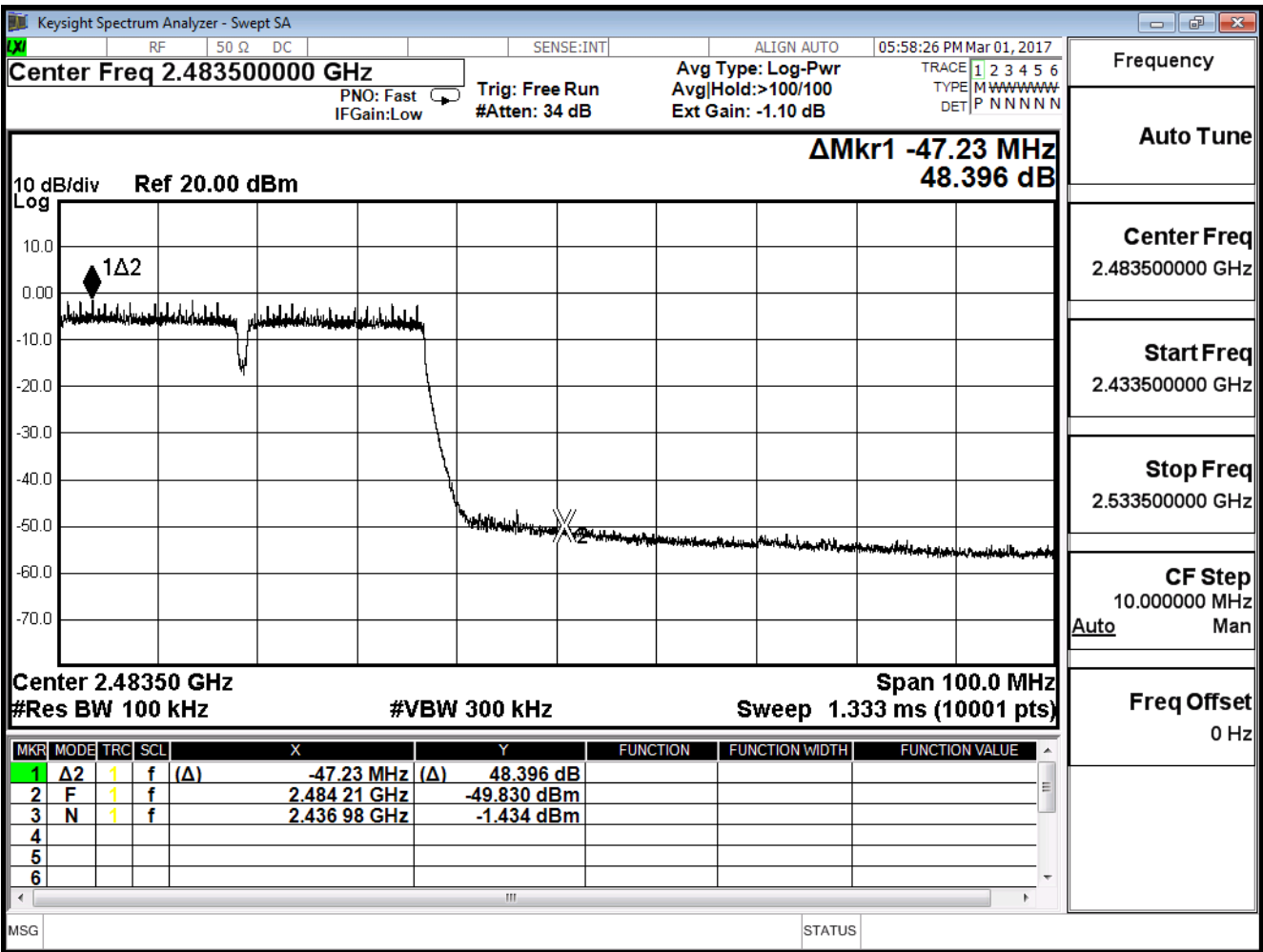
## Channel 3 (2422MHz)



## Channel 6 (2437MHz)



Channel 9 (2452MHz)

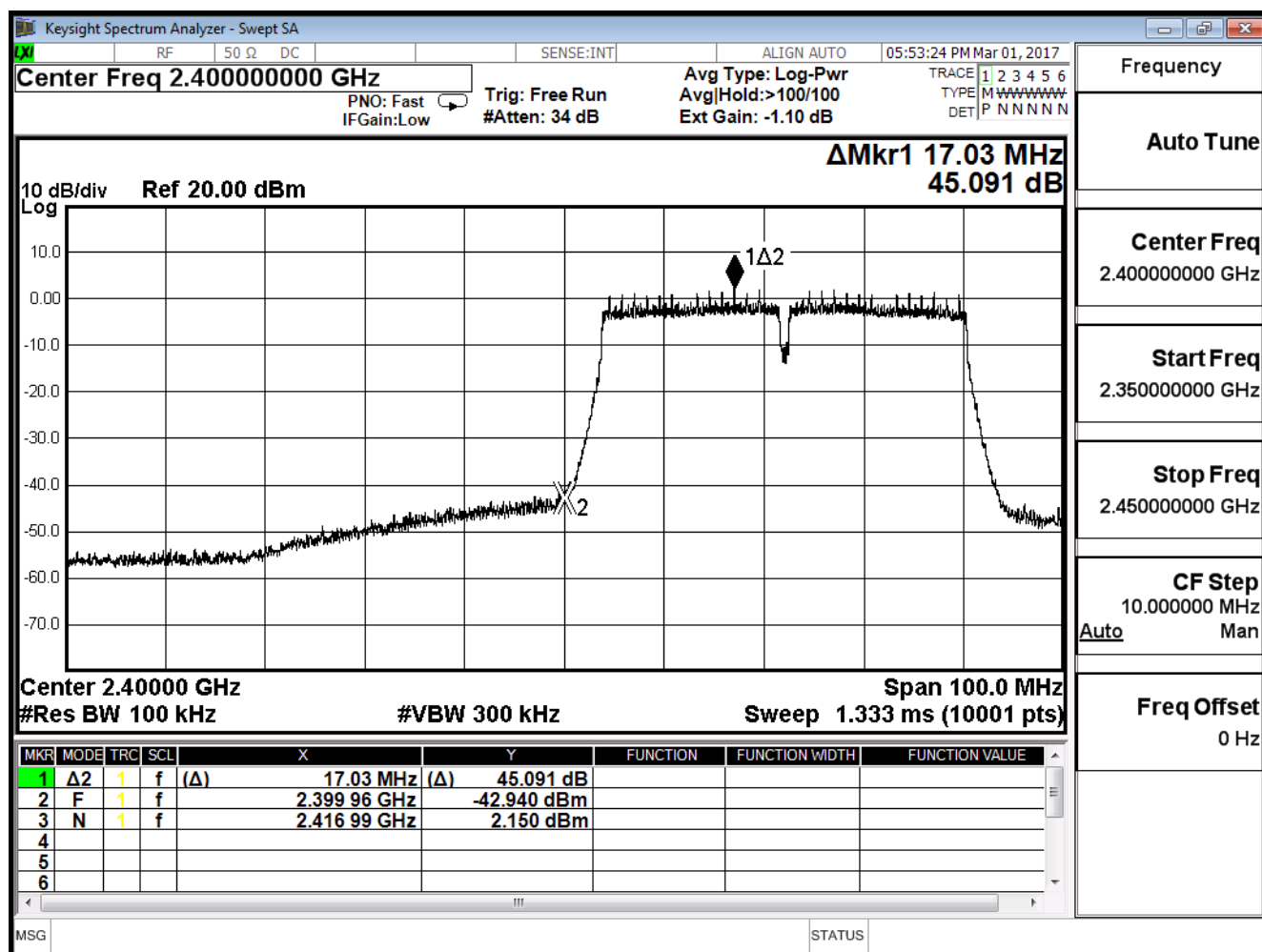


|              |                                                             |           |        |
|--------------|-------------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router                    |           |        |
| Test Item    | RF antenna conducted test                                   |           |        |
| Test Mode    | Mode 2: Tx_AD P: AD890326010-2LF_ MIMO Mode (802.11 n20/40) |           |        |
| Date of Test | 2017/03/01                                                  | Test Site | SR10-H |

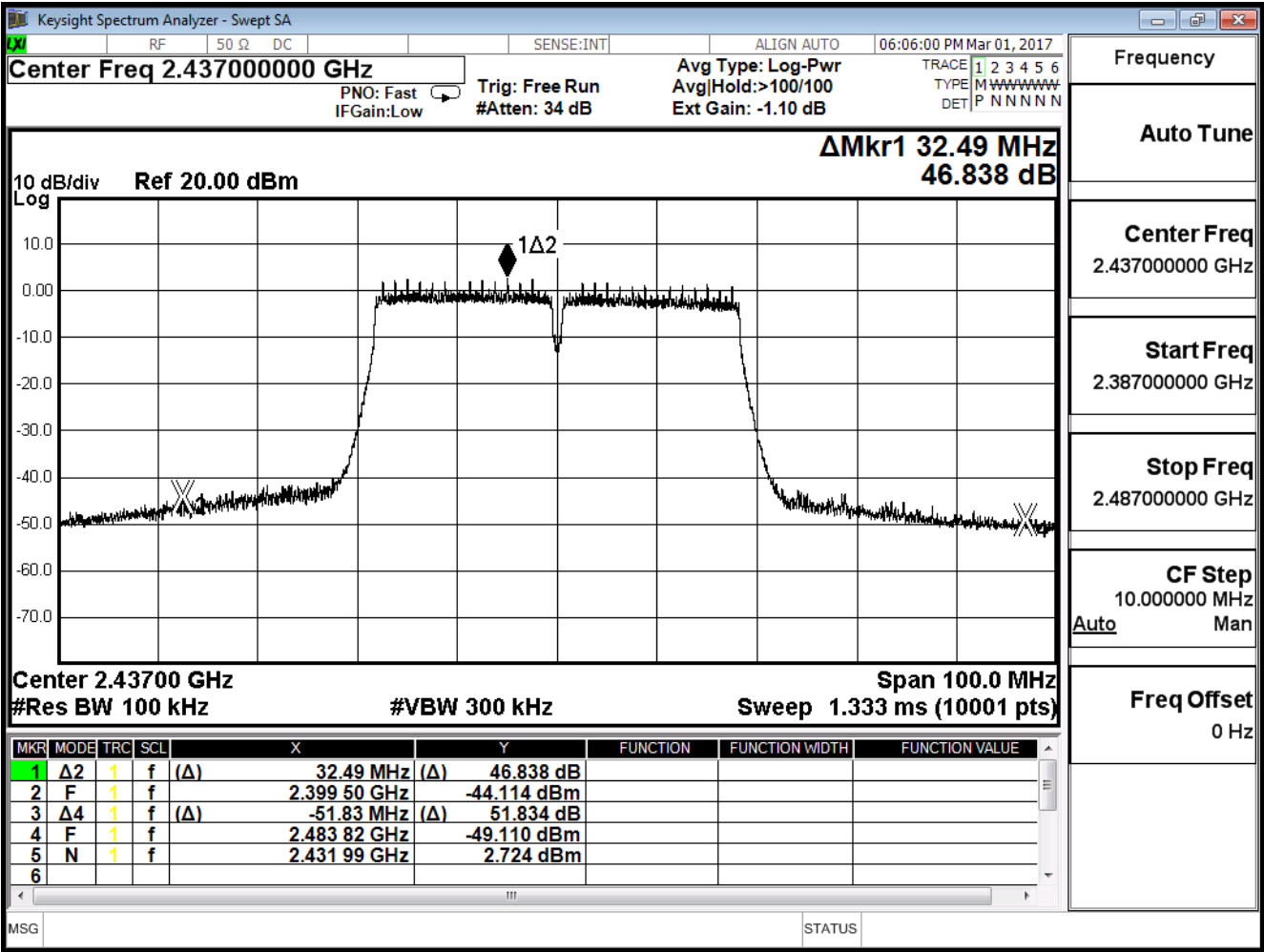
## IEEE 802.11n (40MHz), Ant 1

| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
|---------|-----------------|---------------------|-------------|--------|
| 3       | 2422            | 45.091              | $\leq 30$   | Pass   |
| 6       | 2437            | 46.838              | $\leq 30$   | Pass   |
| 9       | 2452            | 48.359              | $\leq 30$   | Pass   |

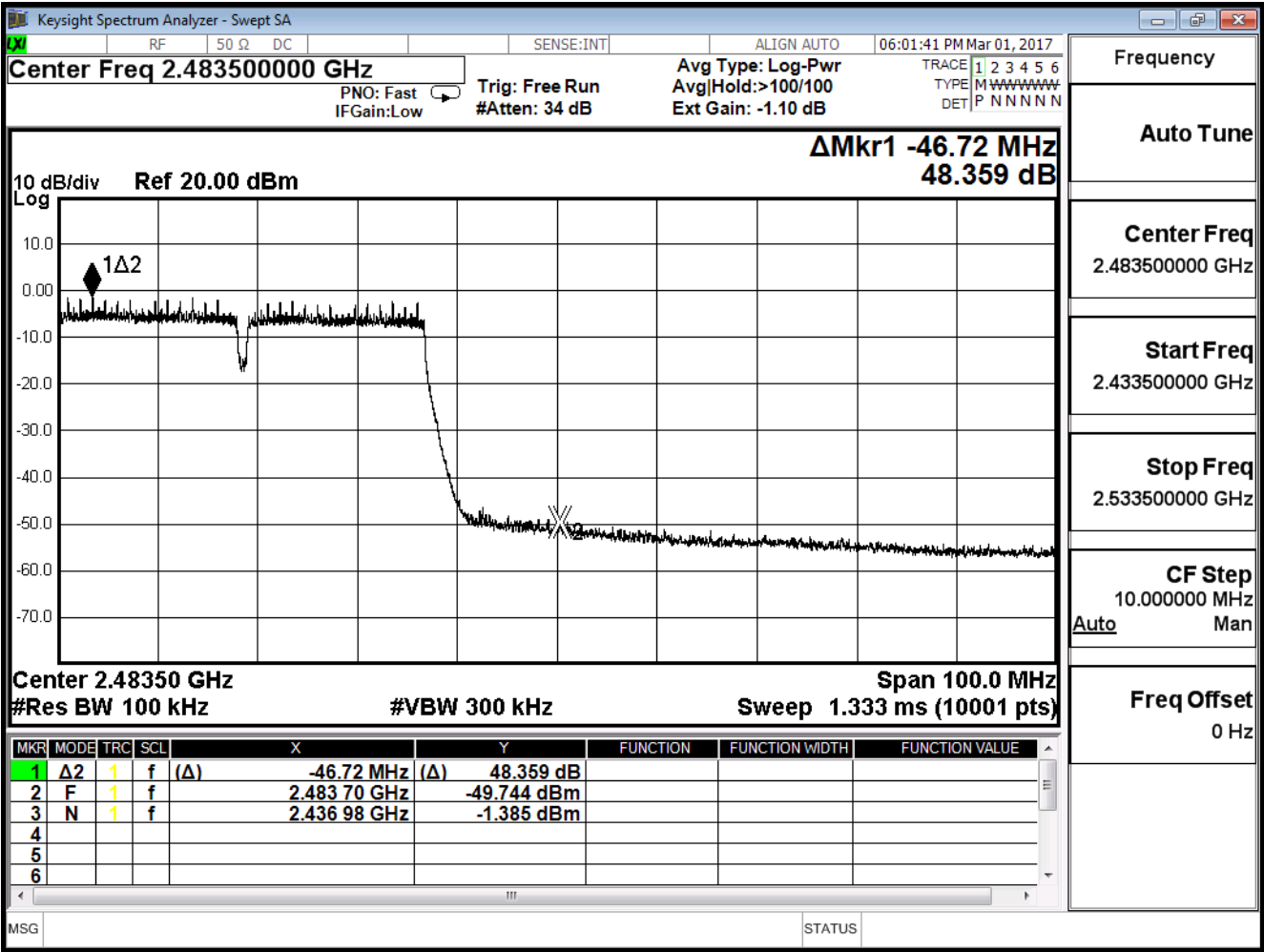
## Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)

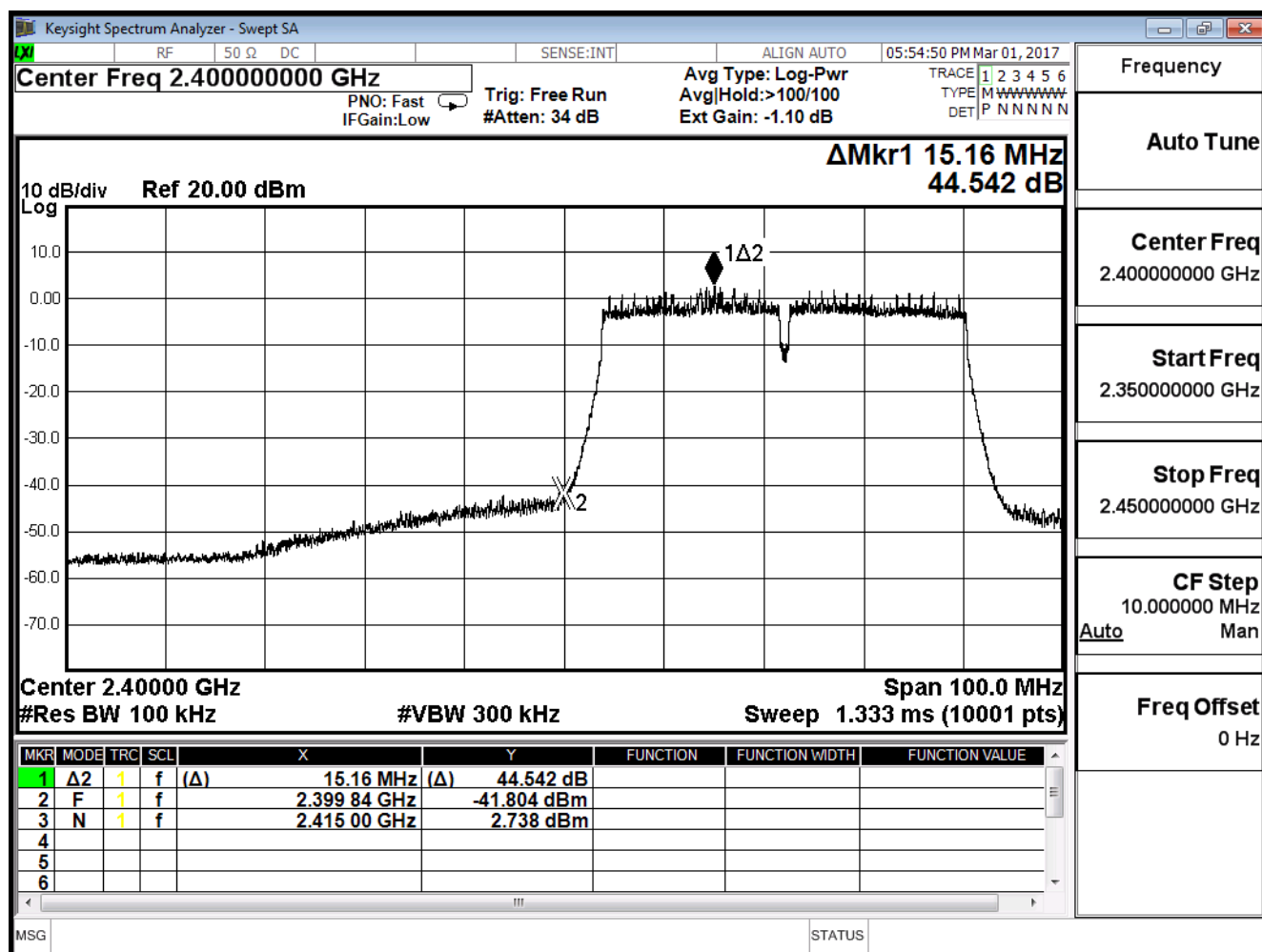


|              |                                                            |           |        |
|--------------|------------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router                   |           |        |
| Test Item    | RF antenna conducted test                                  |           |        |
| Test Mode    | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) |           |        |
| Date of Test | 2017/03/01                                                 | Test Site | SR10-H |

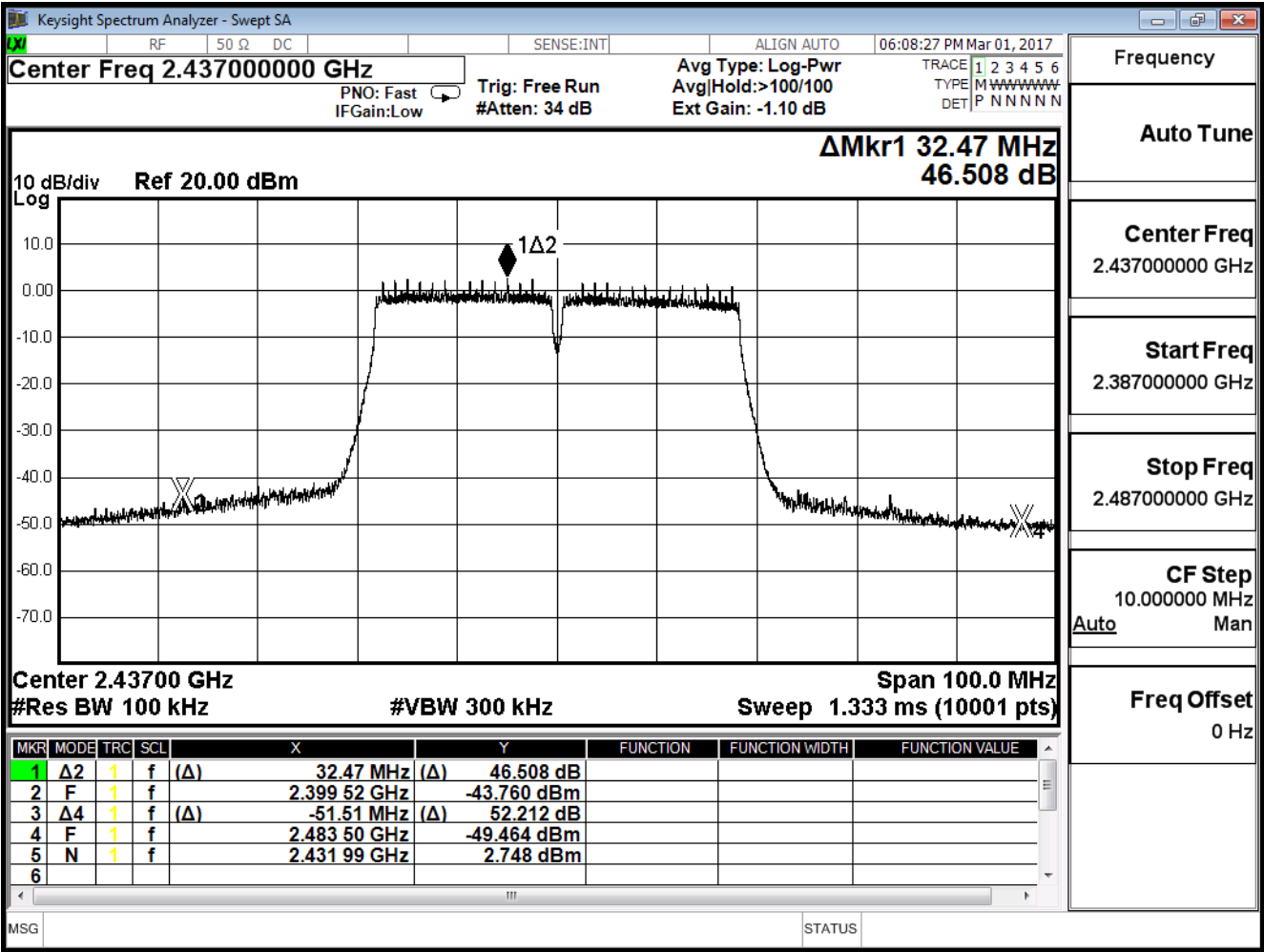
## IEEE 802.11n (40MHz), Ant 2

| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
|---------|-----------------|---------------------|-------------|--------|
| 3       | 2422            | 44.542              | $\geq 30$   | Pass   |
| 6       | 2437            | 46.508              | $\geq 30$   | Pass   |
| 9       | 2452            | 49.547              | $\geq 30$   | Pass   |

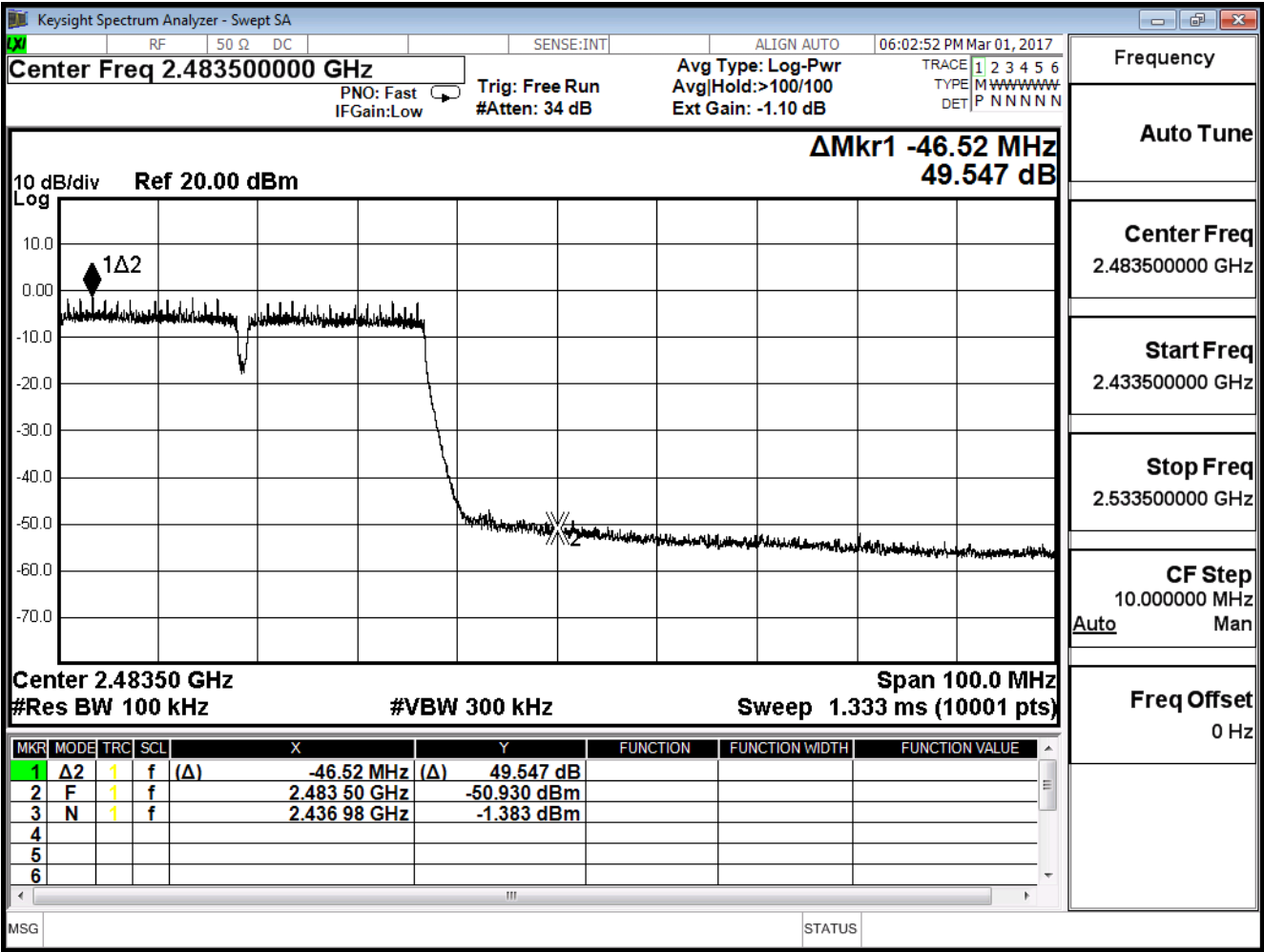
## Channel 3 (2422MHz)



Channel 6 (2437MHz)

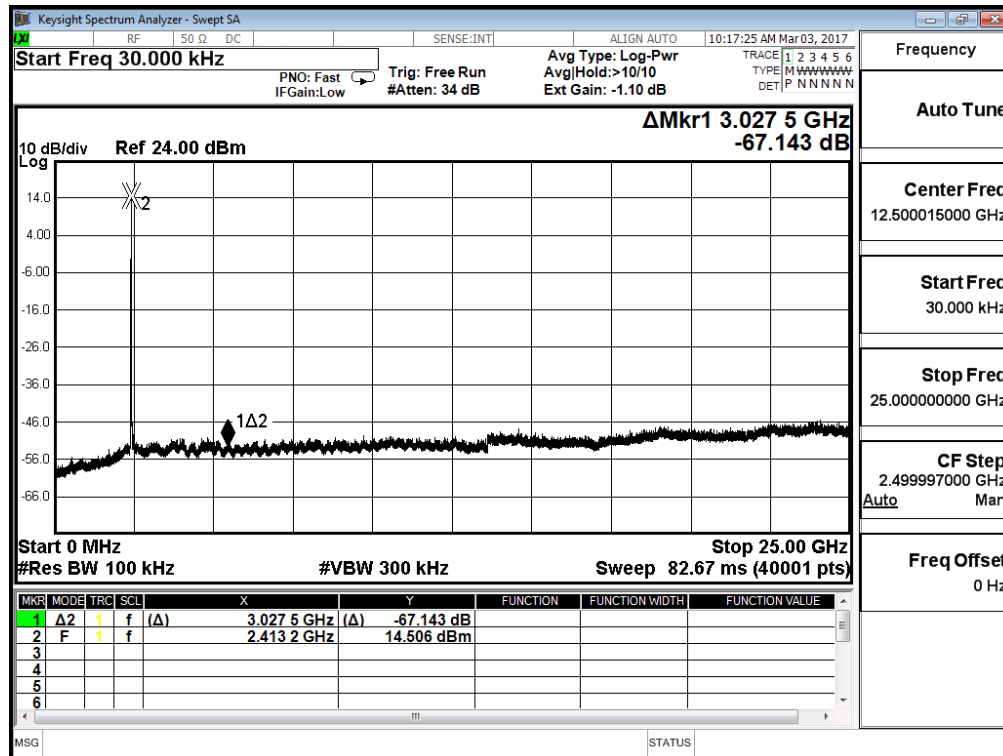


Channel 9 (2452MHz)

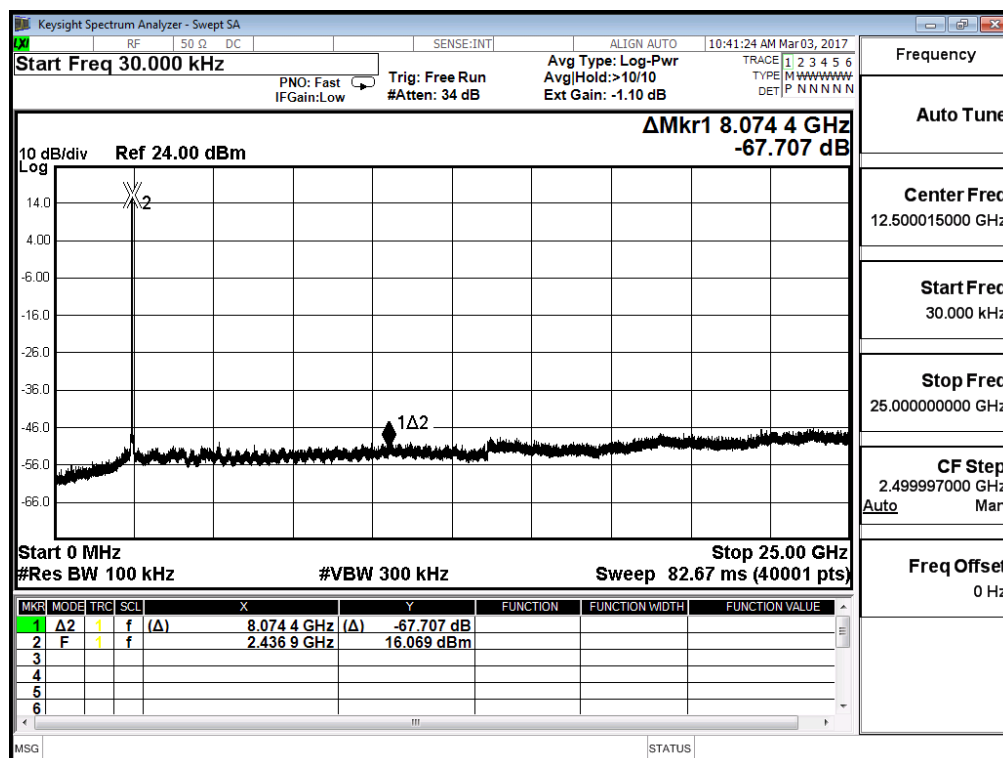


|              |                                                       |           |        |
|--------------|-------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router              |           |        |
| Test Item    | RF antenna conducted test                             |           |        |
| Test Mode    | Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g) |           |        |
| Date of Test | 2017/03/03                                            | Test Site | SR10-H |

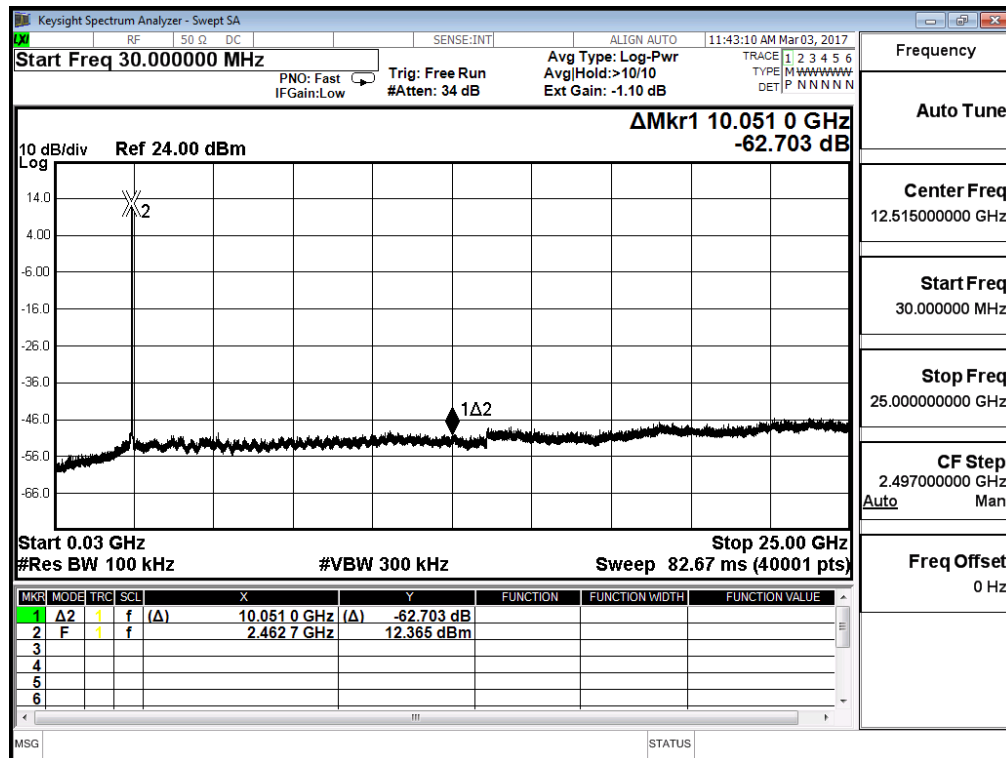
## 2412MHz (30MHz-25GHz)-802.11b-ANT 0



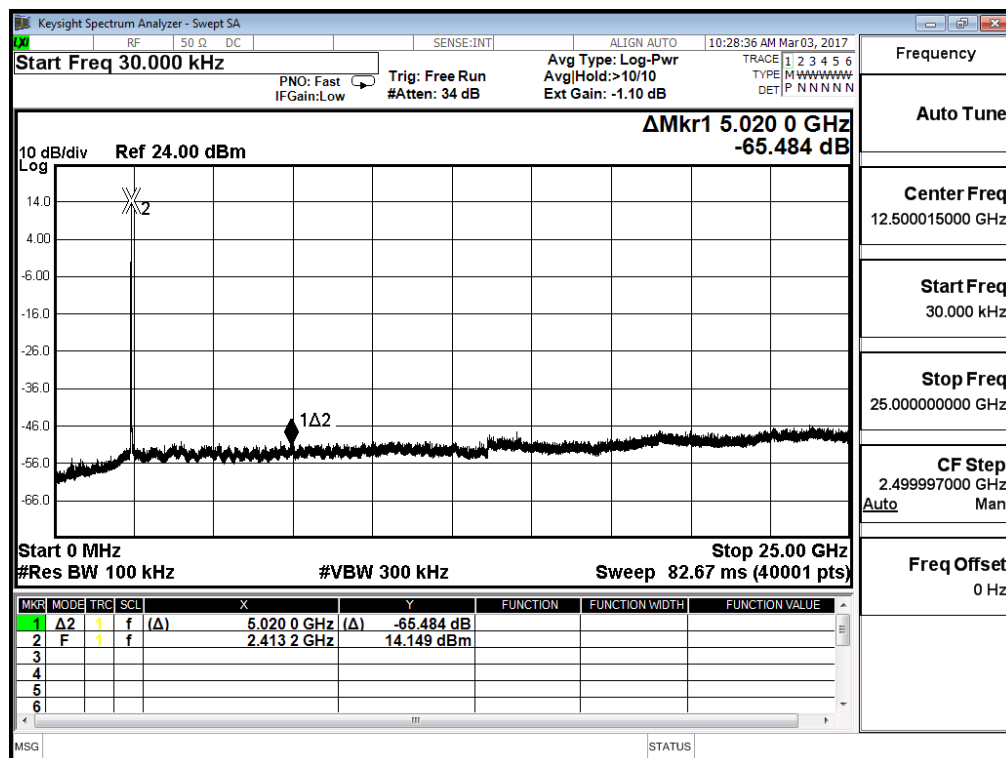
## 2437MHz (30MHz-25GHz)-802.11b-ANT 0



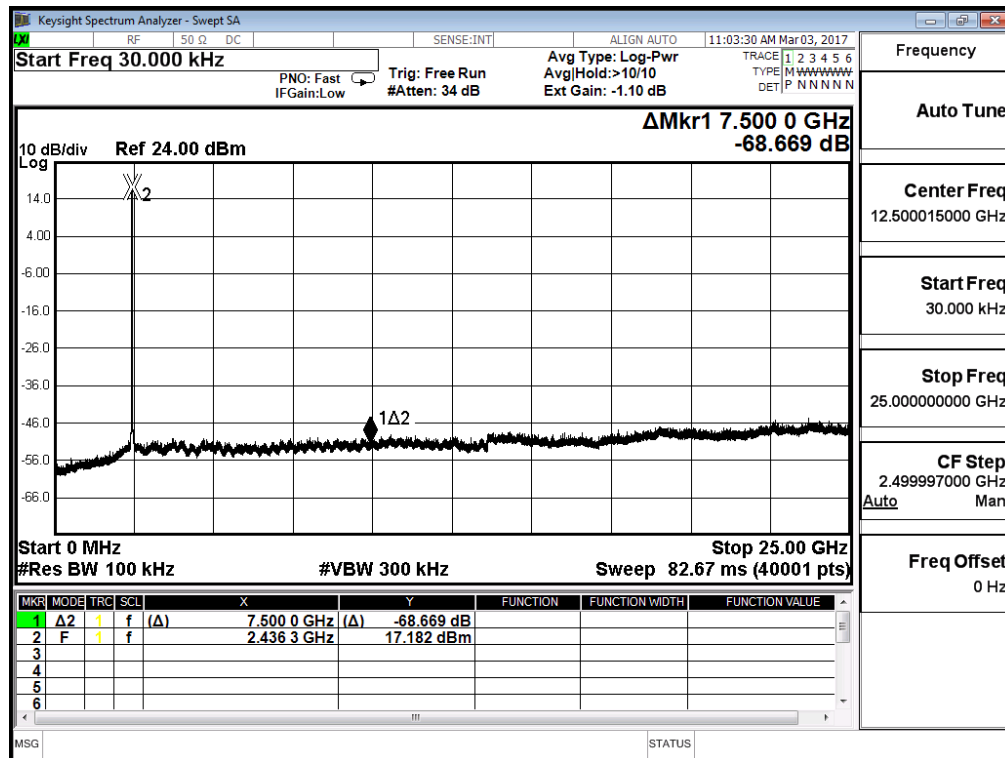
## 2462MHz (30MHz-25GHz)-802.11b-ANT 0



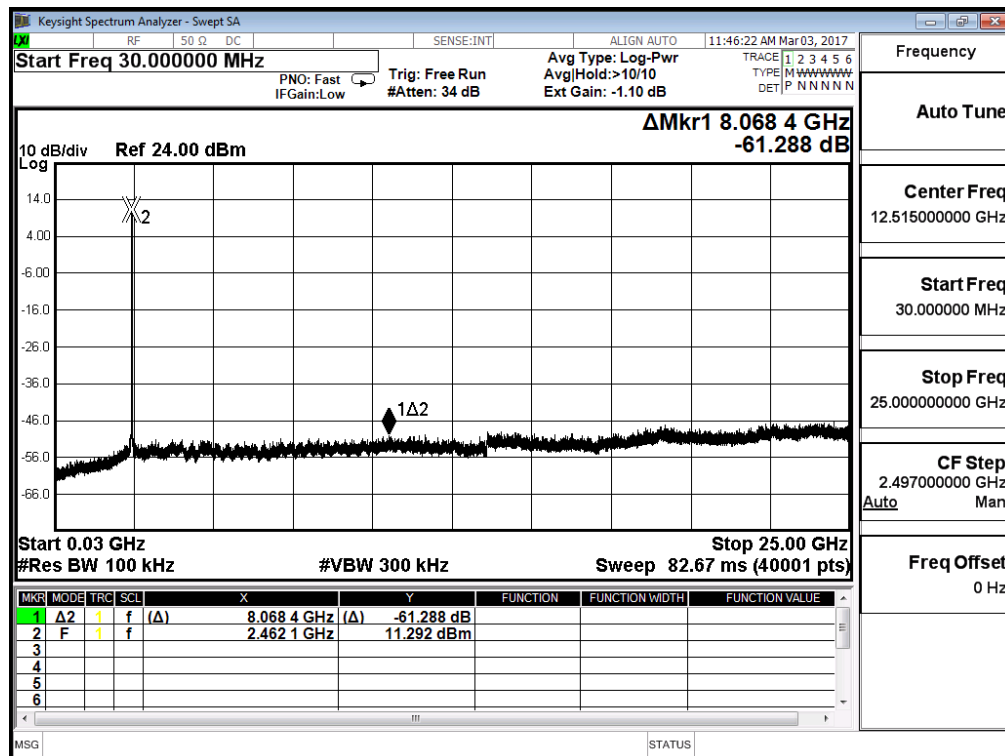
## 2412MHz (30MHz-25GHz)-802.11b-ANT 1



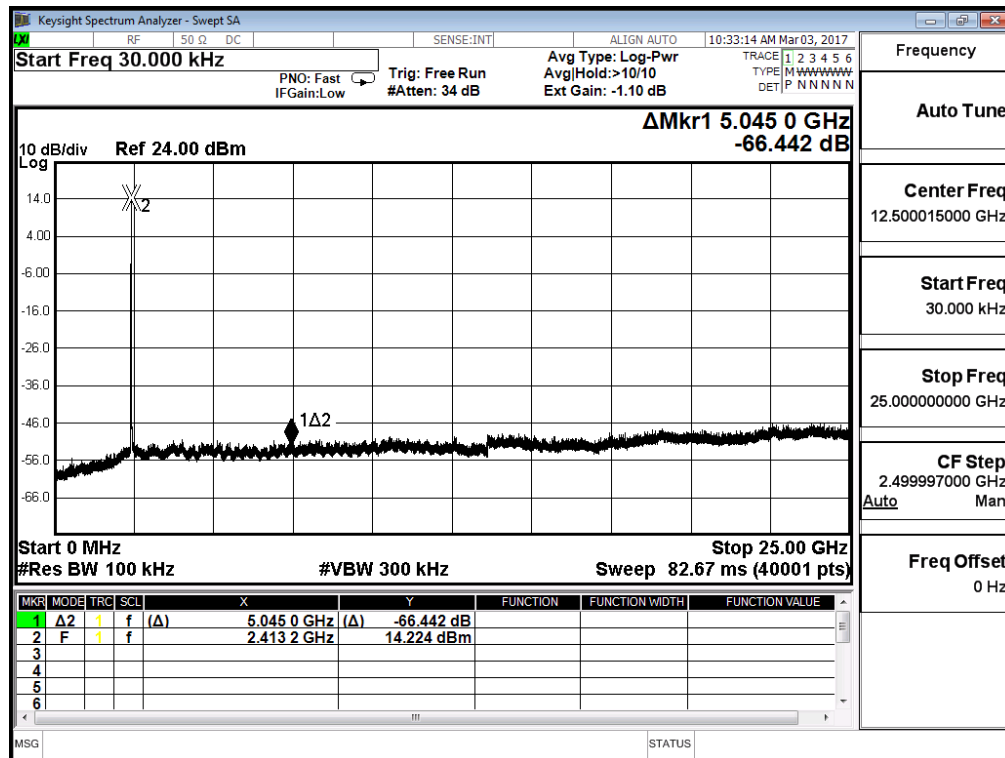
## 2437MHz (30MHz-25GHz)-802.11b-ANT 1



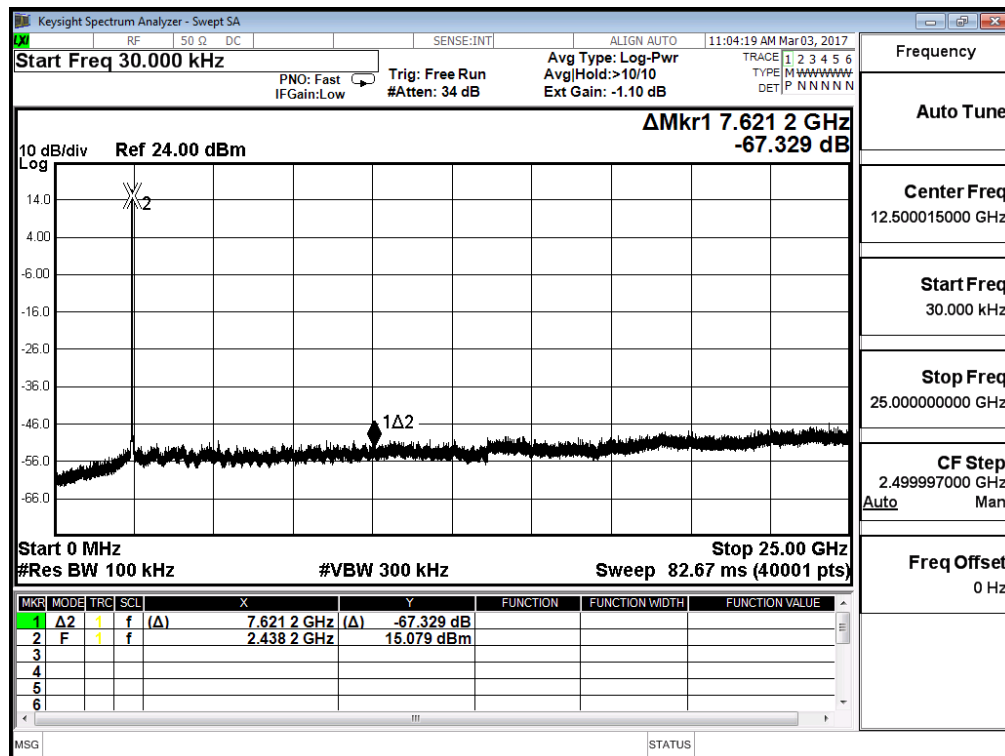
## 2462MHz (30MHz-25GHz)-802.11b-ANT 1



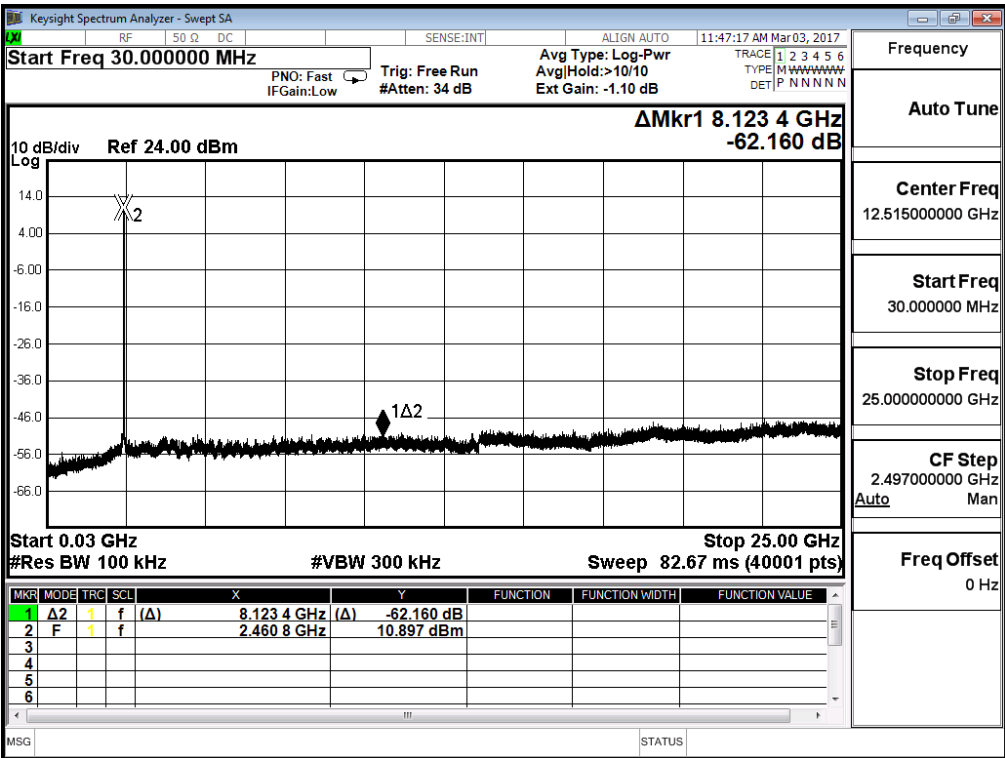
## 2412MHz (30MHz-25GHz)-802.11b-ANT 2



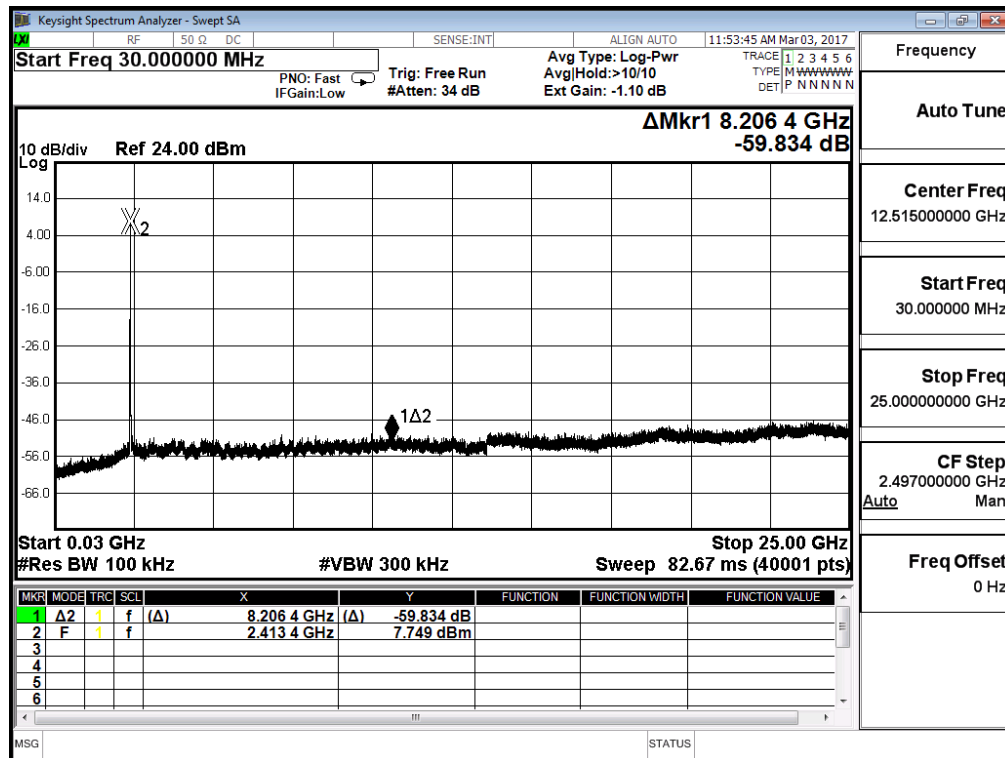
## 2437MHz (30MHz-25GHz)-802.11b-ANT 2



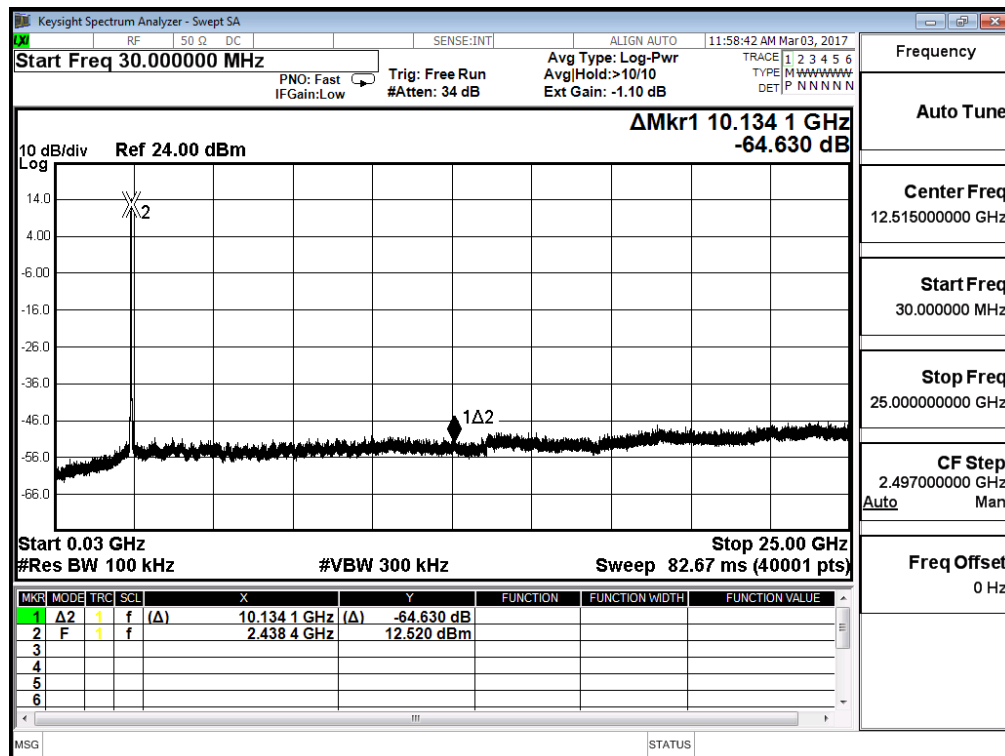
2462MHz (30MHz-25GHz)-802.11b-ANT 2



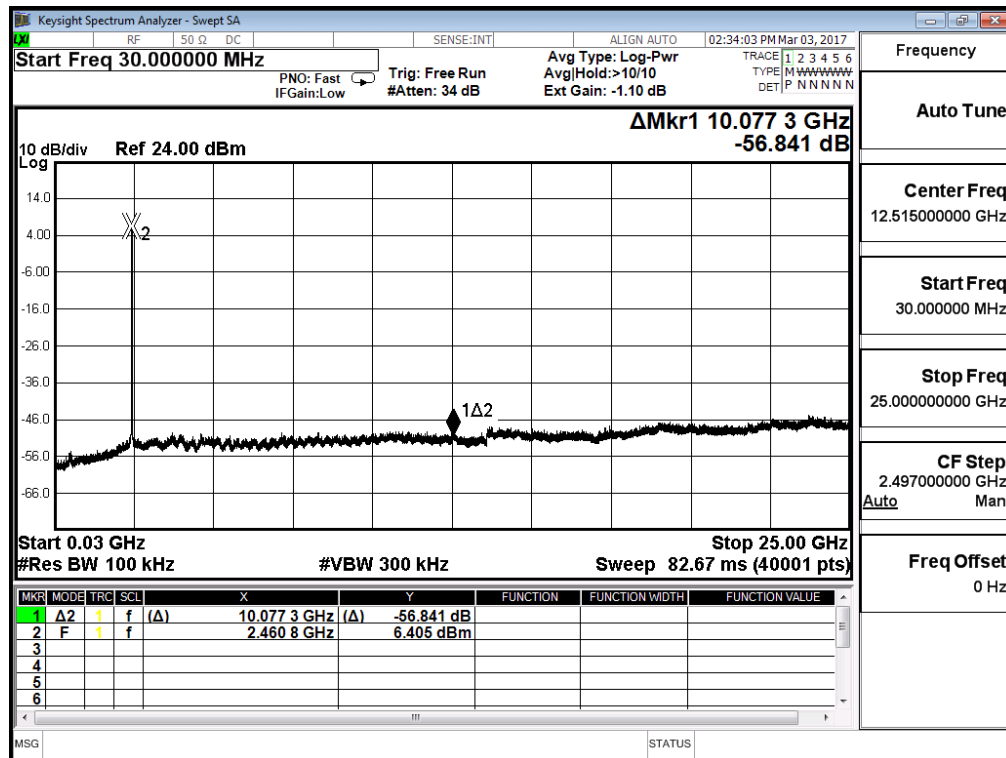
## 2412MHz (30MHz-25GHz)-802.11g-ANT 0



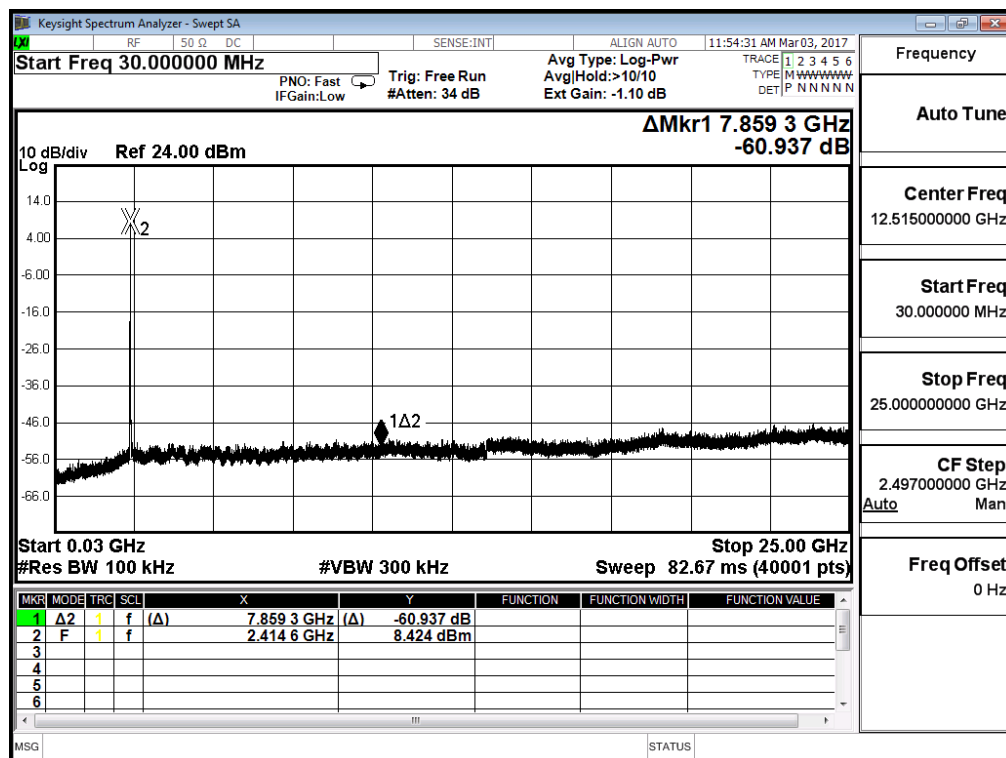
## 2437MHz (30MHz-25GHz)-802.11g-ANT 0



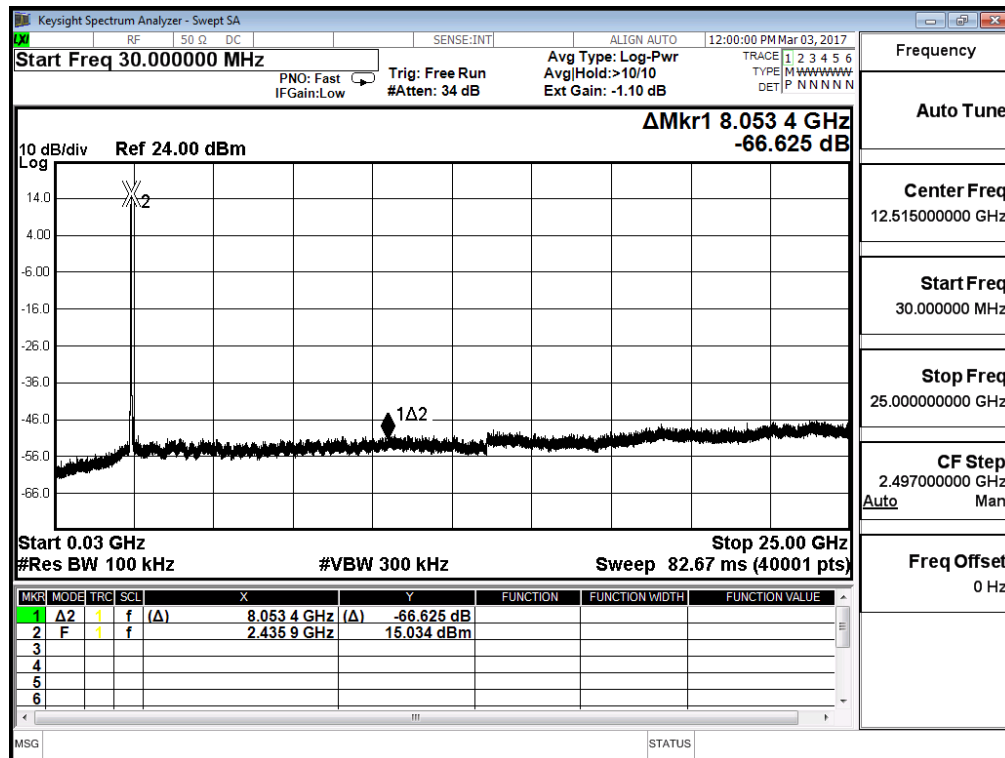
## 2462MHz (30MHz-25GHz)-802.11g-ANT 0



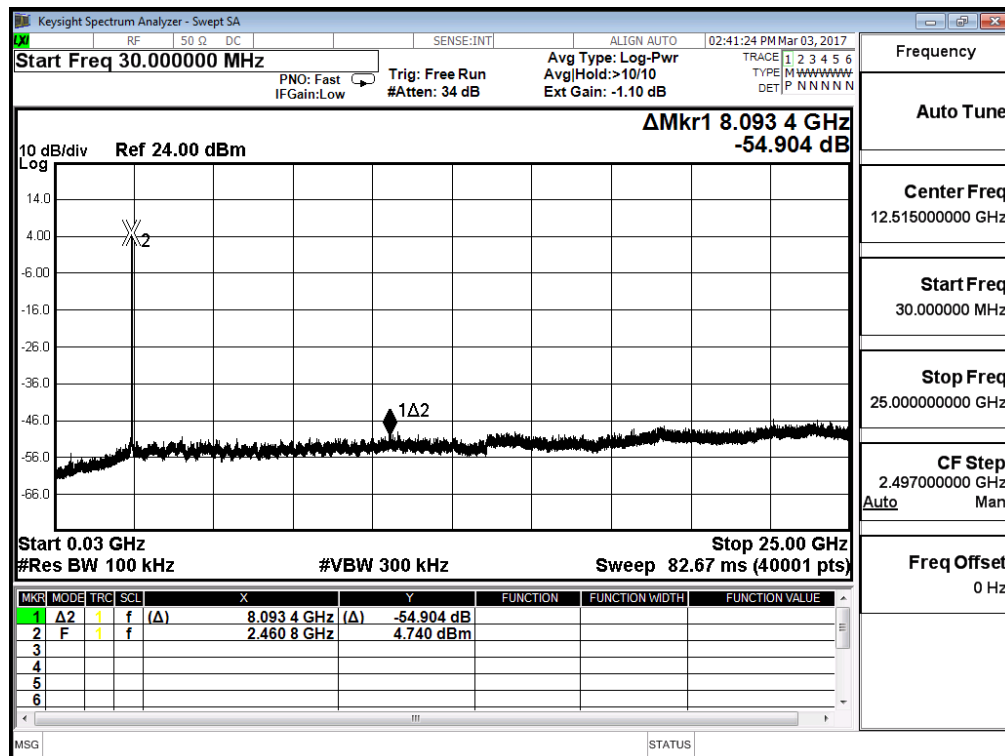
## 2412MHz (30MHz-25GHz)-802.11g-ANT 1



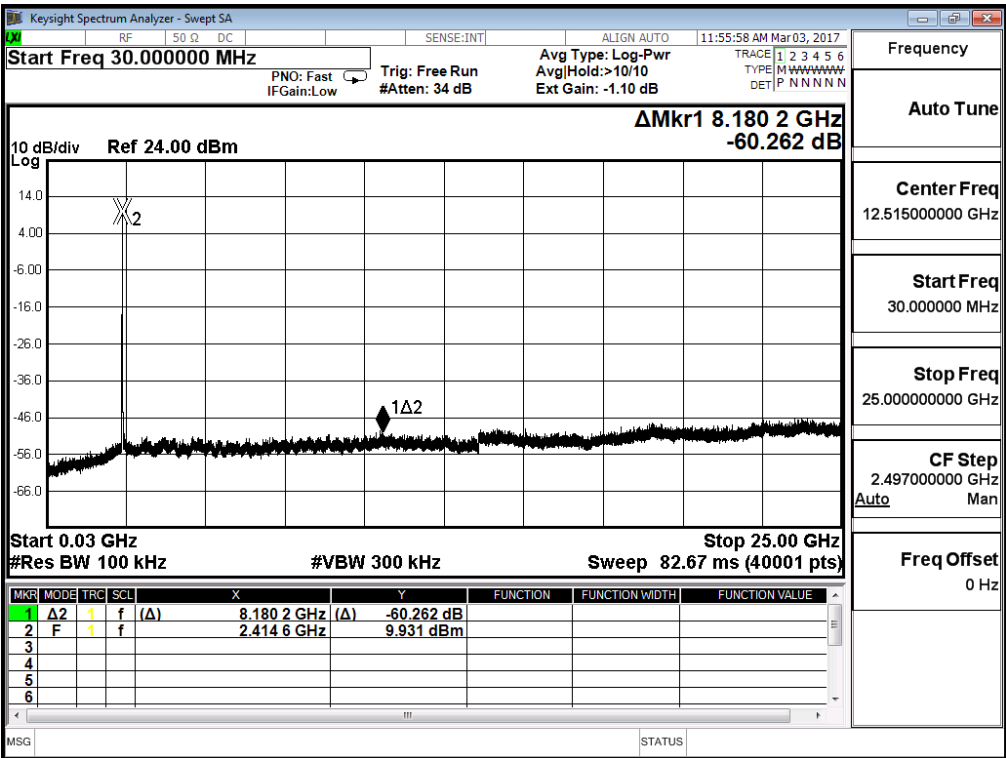
## 2437MHz (30MHz-25GHz)-802.11g-ANT 1



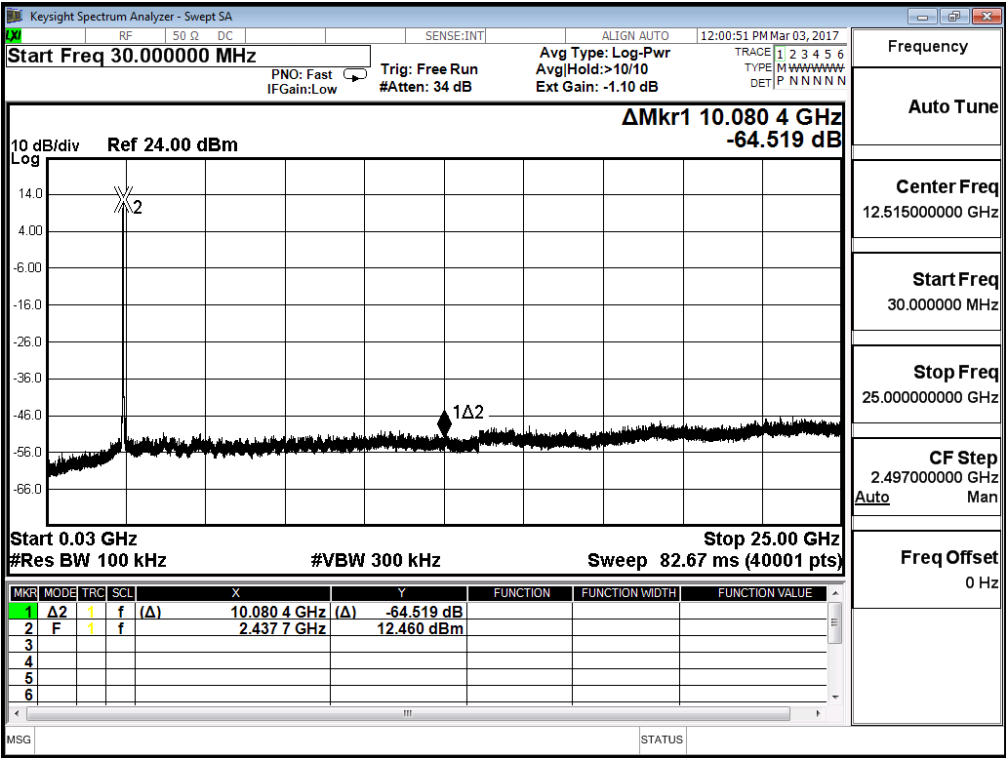
## 2462MHz (30MHz-25GHz)-802.11g-ANT 1



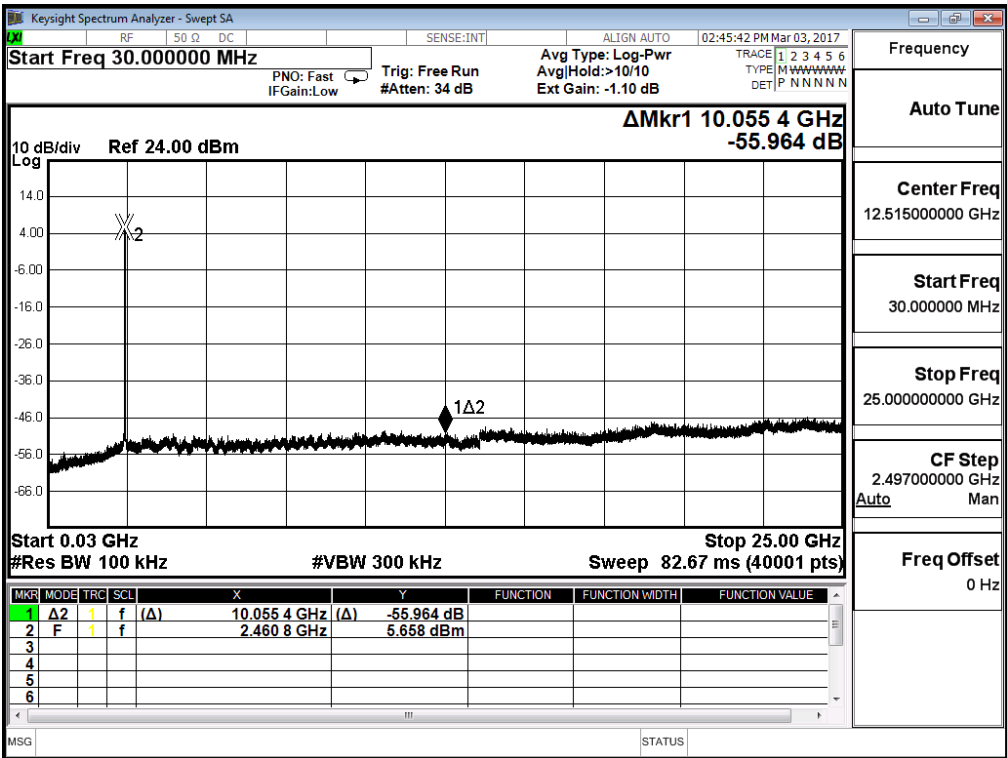
2412MHz (30MHz-25GHz)-802.11g-ANT 2



2437MHz (30MHz-25GHz)-802.11g-ANT 2

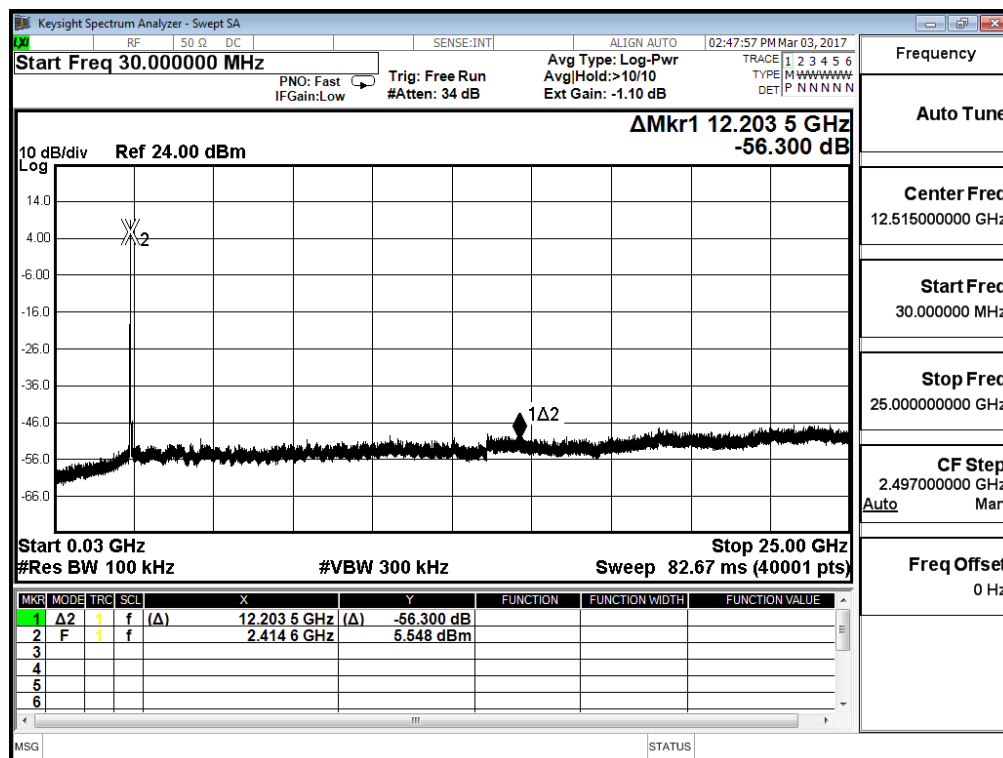


2462MHz (30MHz-25GHz)-802.11g-ANT 2

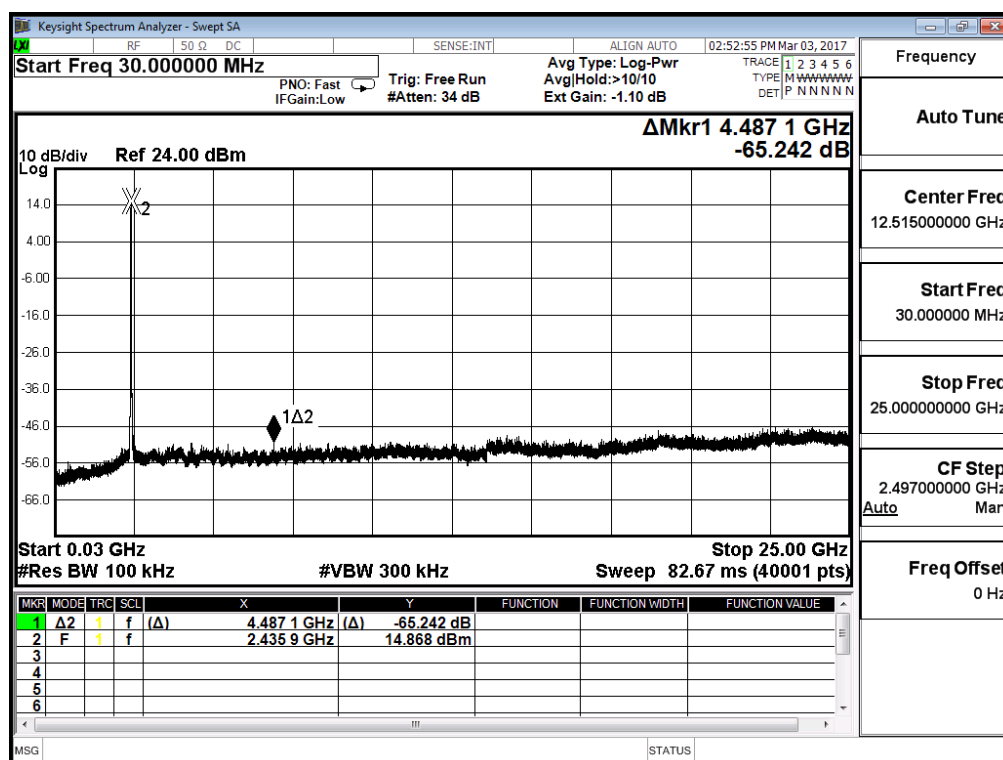


|              |                                                            |           |        |
|--------------|------------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router                   |           |        |
| Test Item    | RF antenna conducted test                                  |           |        |
| Test Mode    | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) |           |        |
| Date of Test | 2017/03/03                                                 | Test Site | SR10-H |

2412MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 0

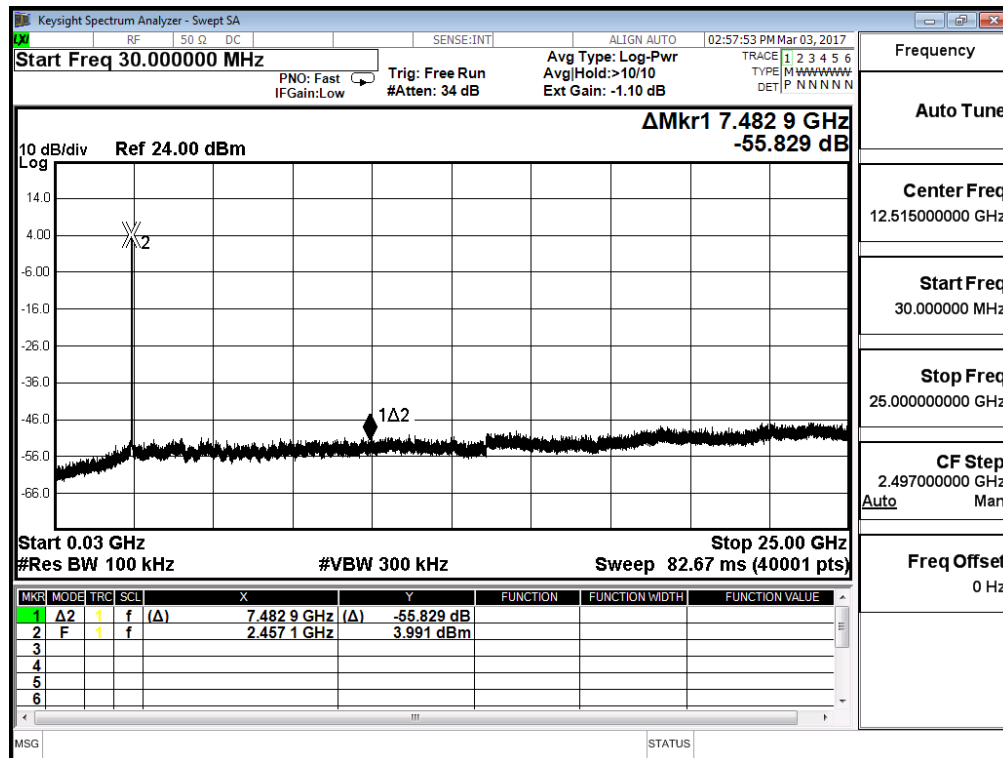


2437MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 0

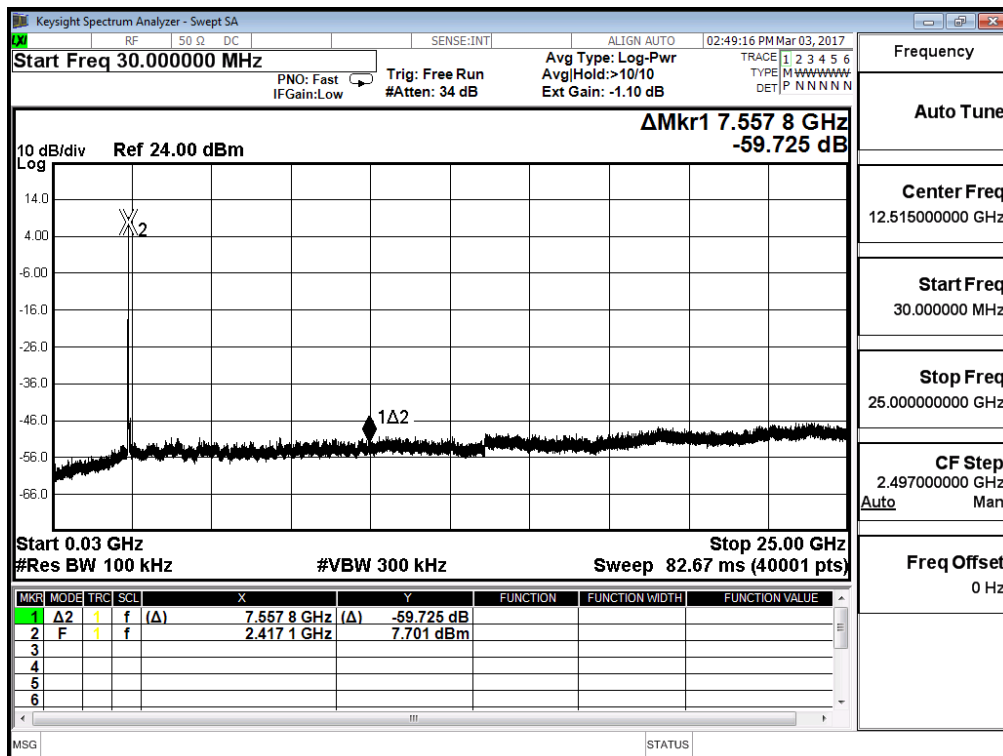




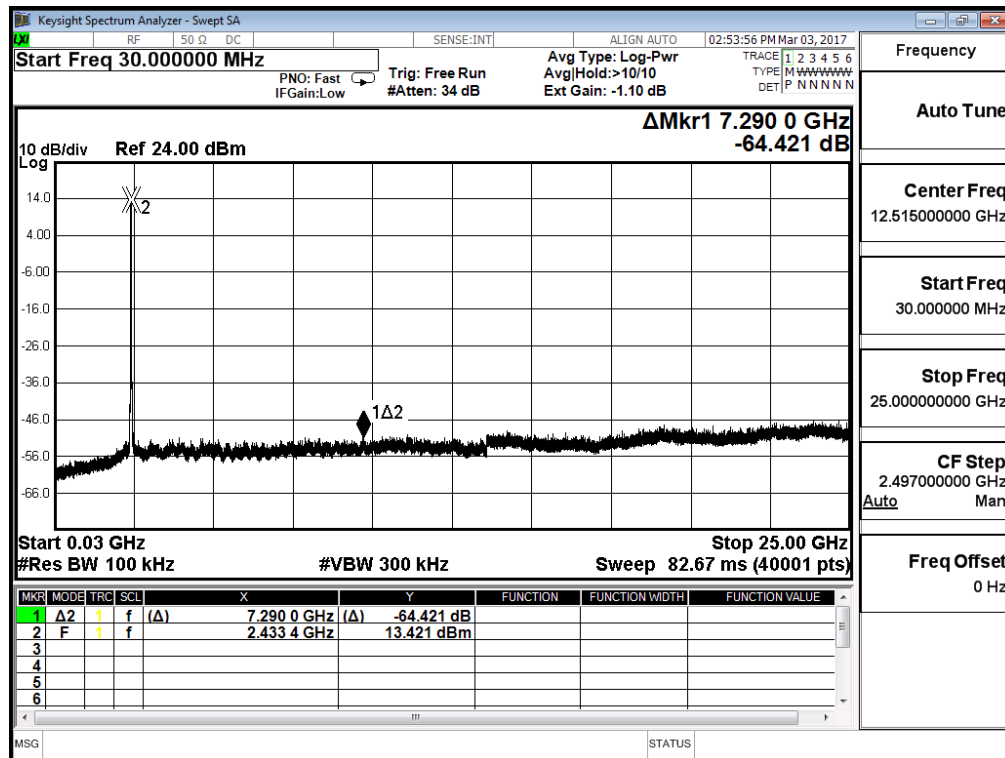
## 2462MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 0



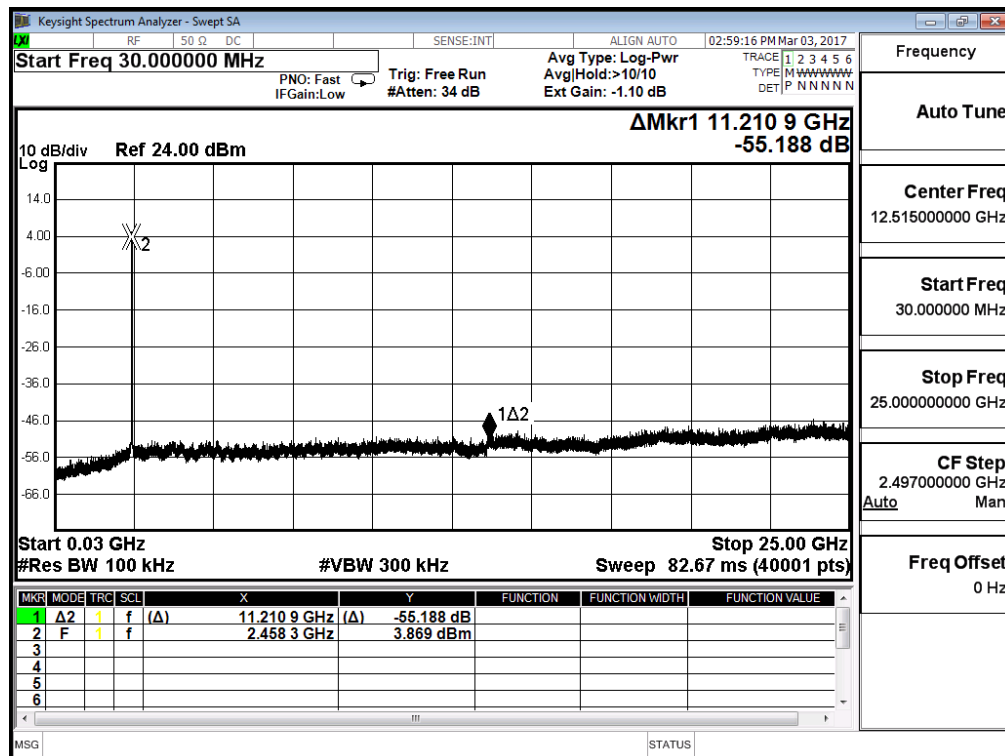
## 2412MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 1



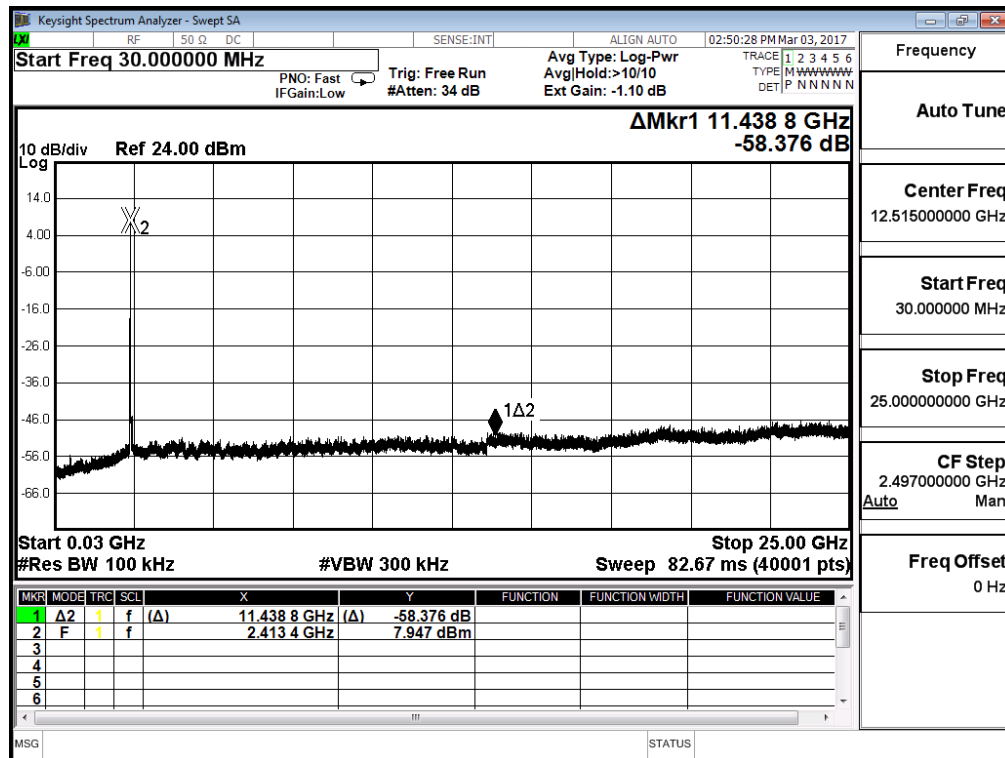
## 2437MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 1



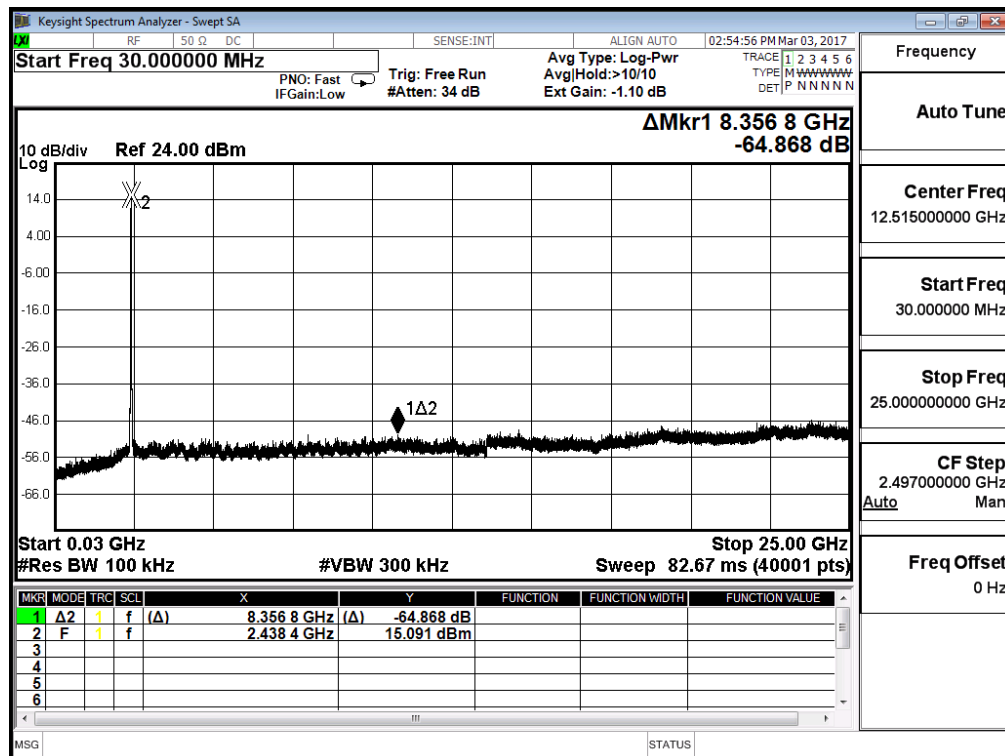
## 2462MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 1



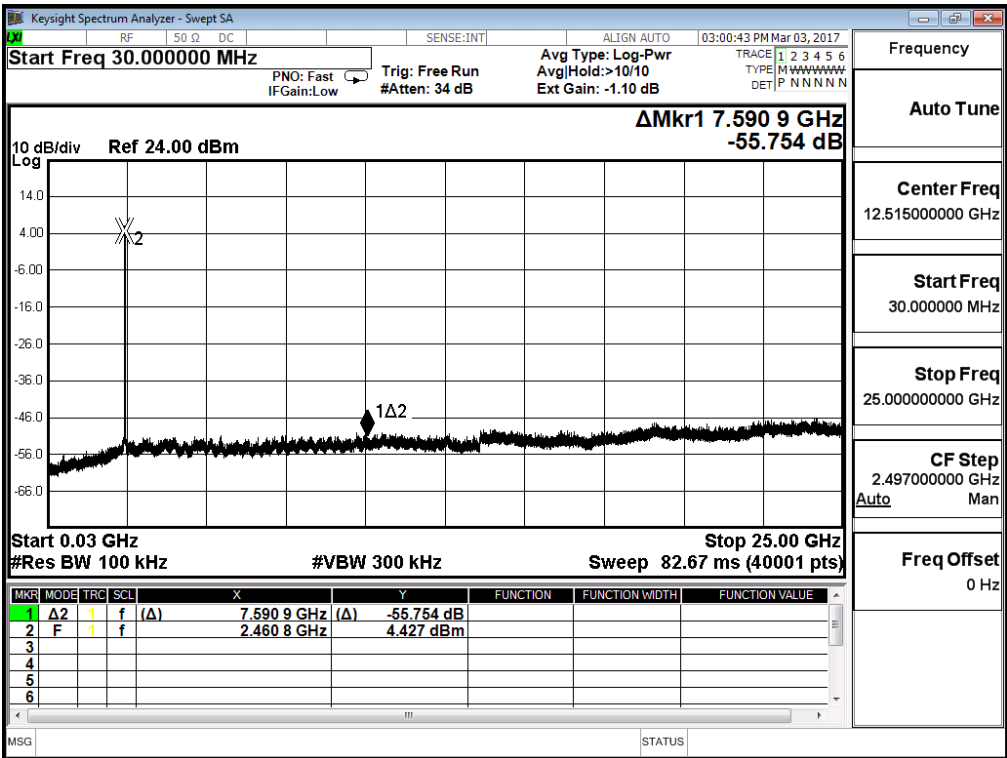
## 2412MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 2



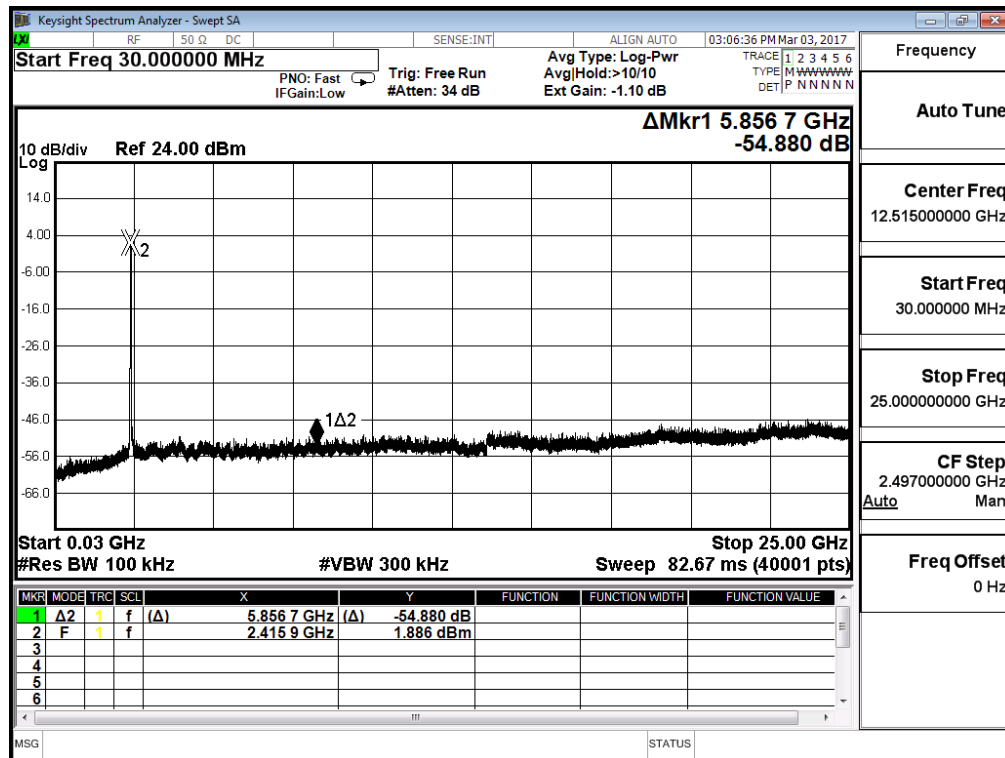
## 2437MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 2



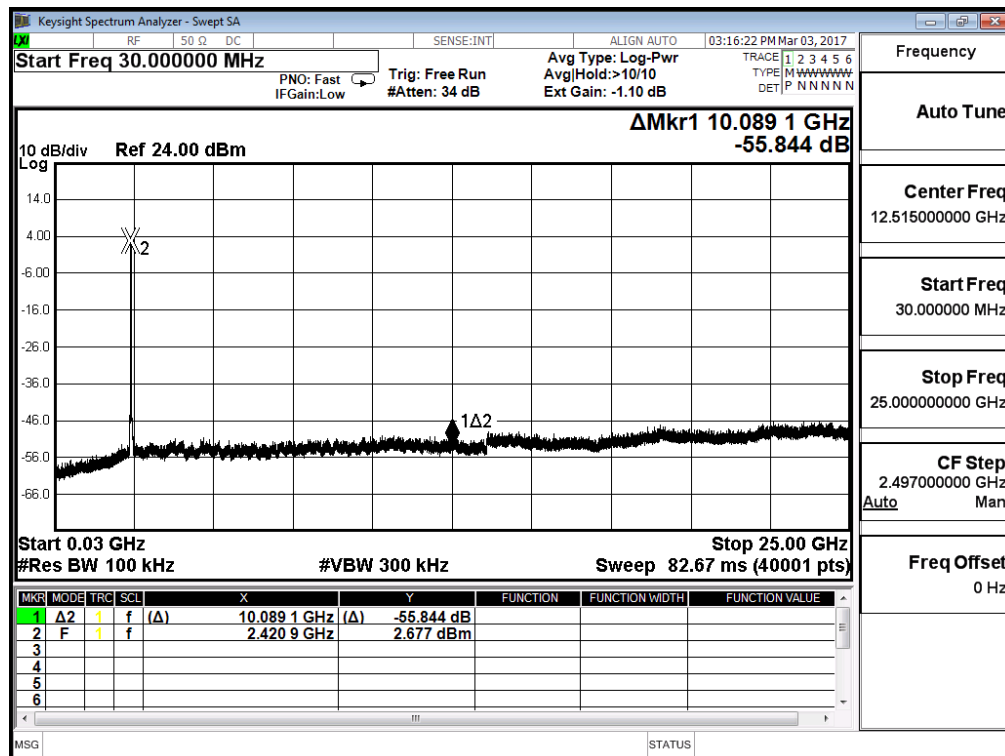
2462MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 2



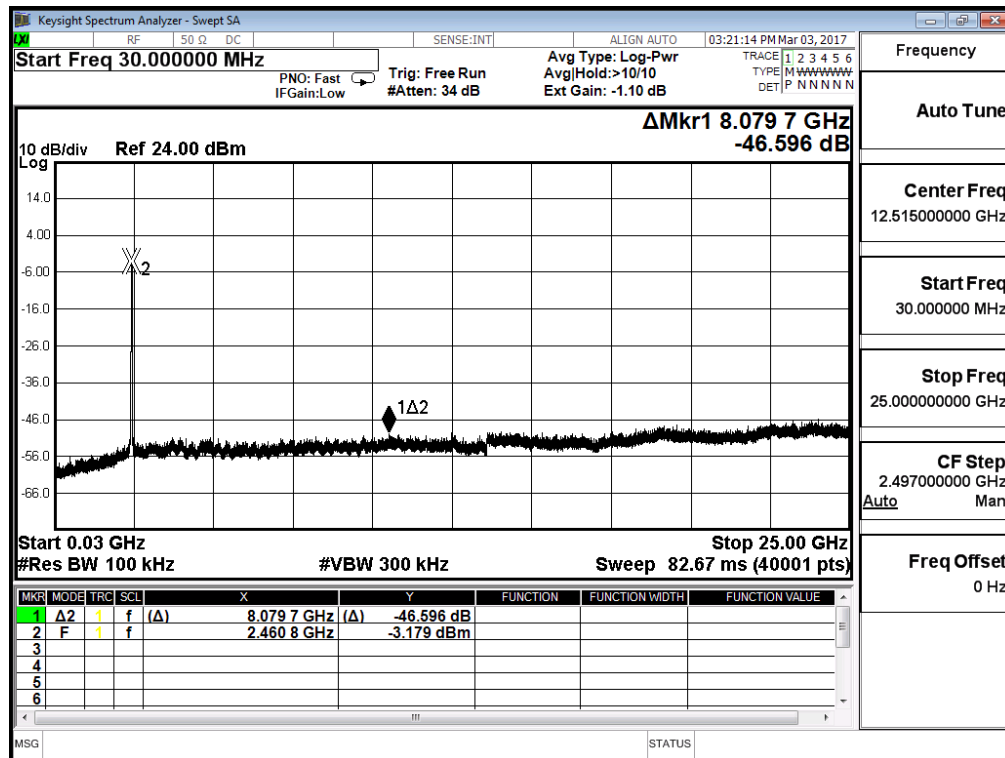
## 2422MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 0



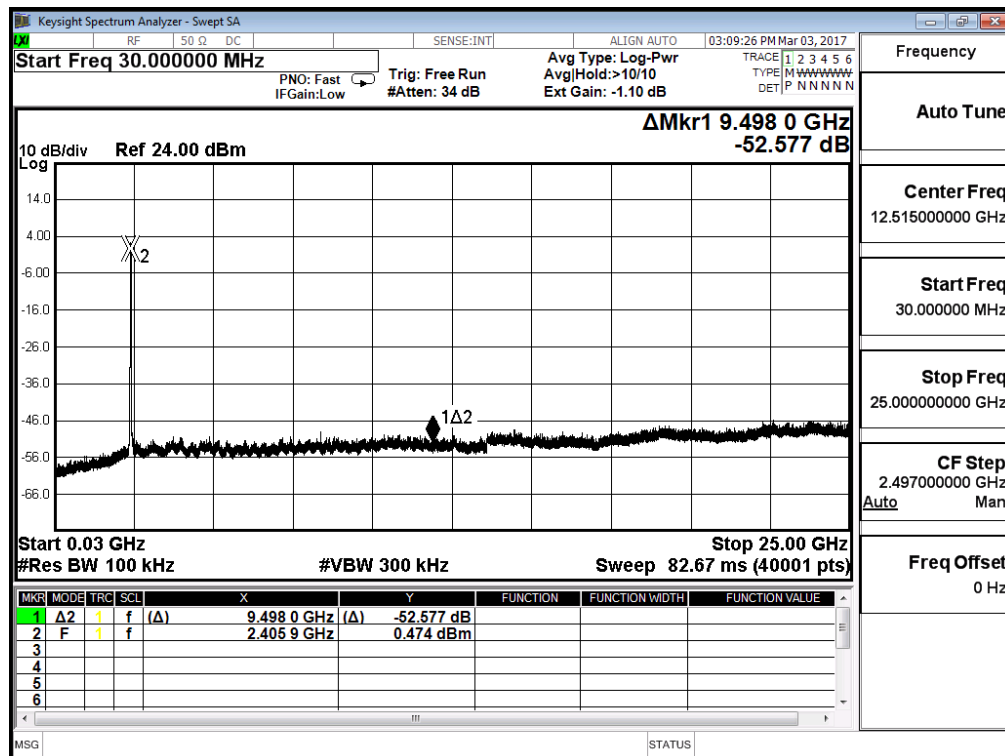
## 2437MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 0



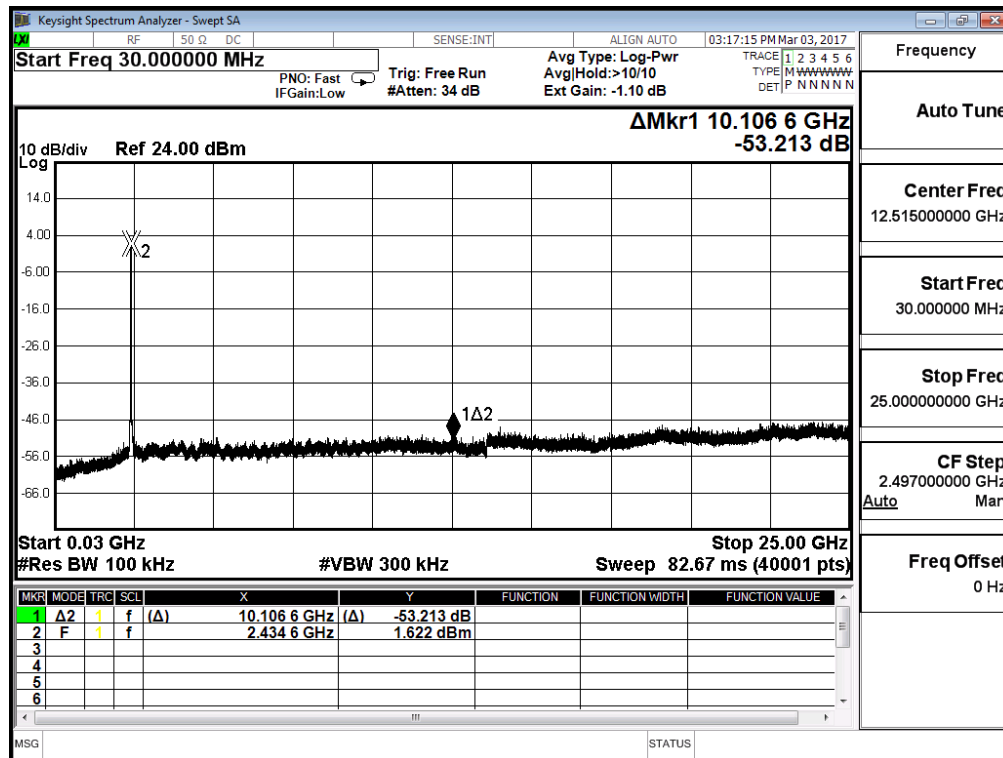
## 2452MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 0



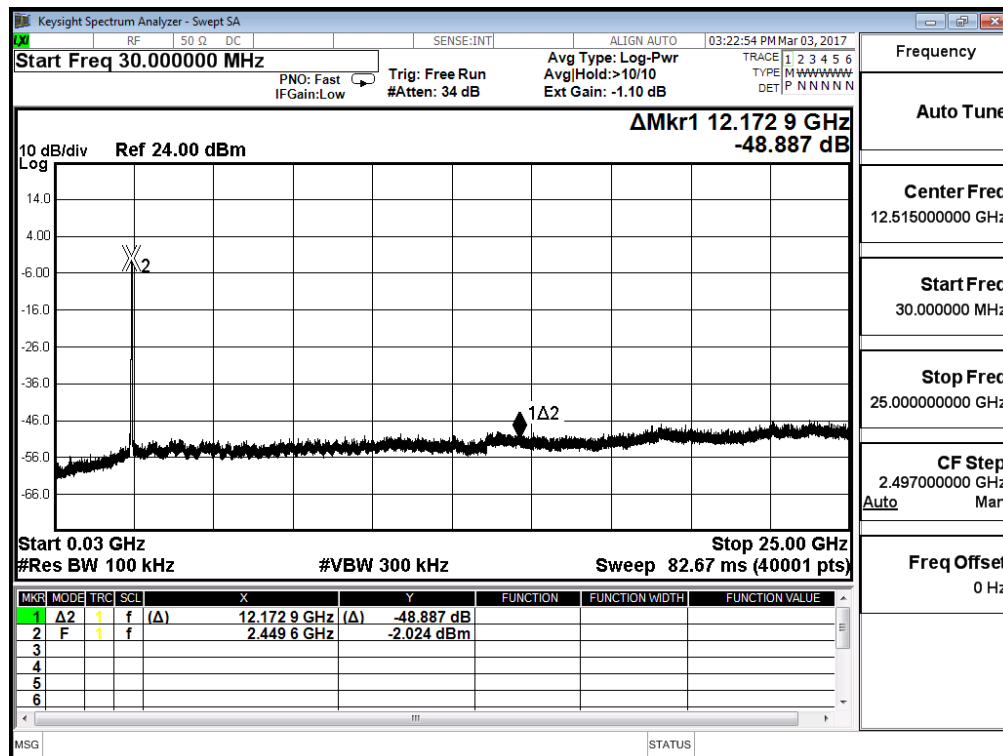
## 2422MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 1



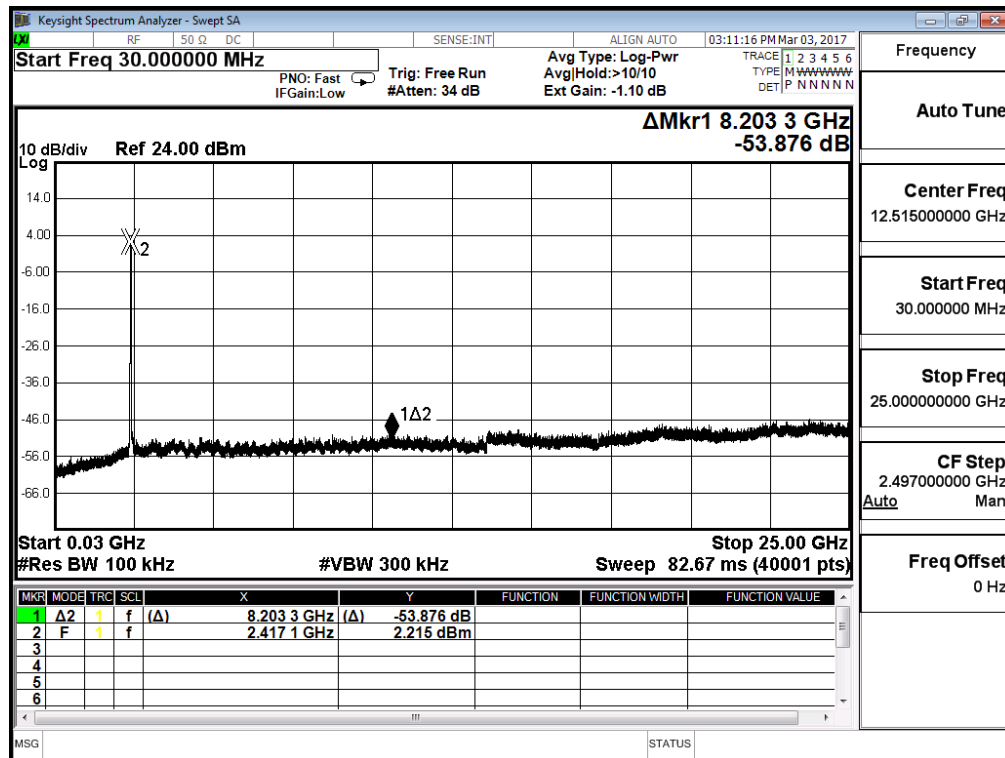
## 2437MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 1



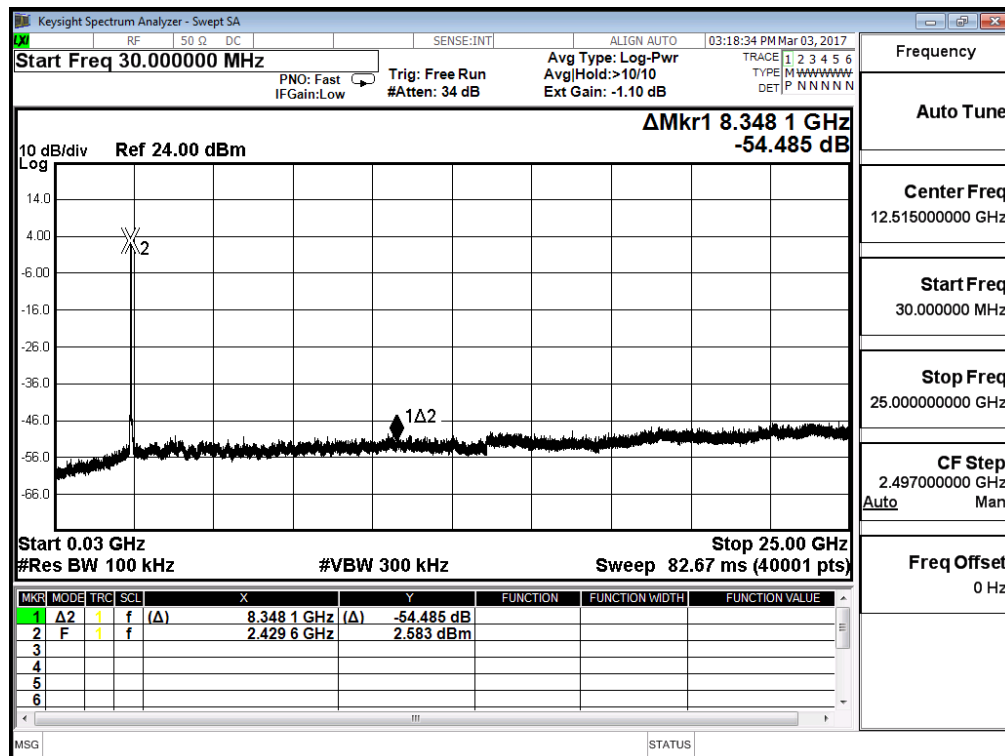
## 2452MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 1



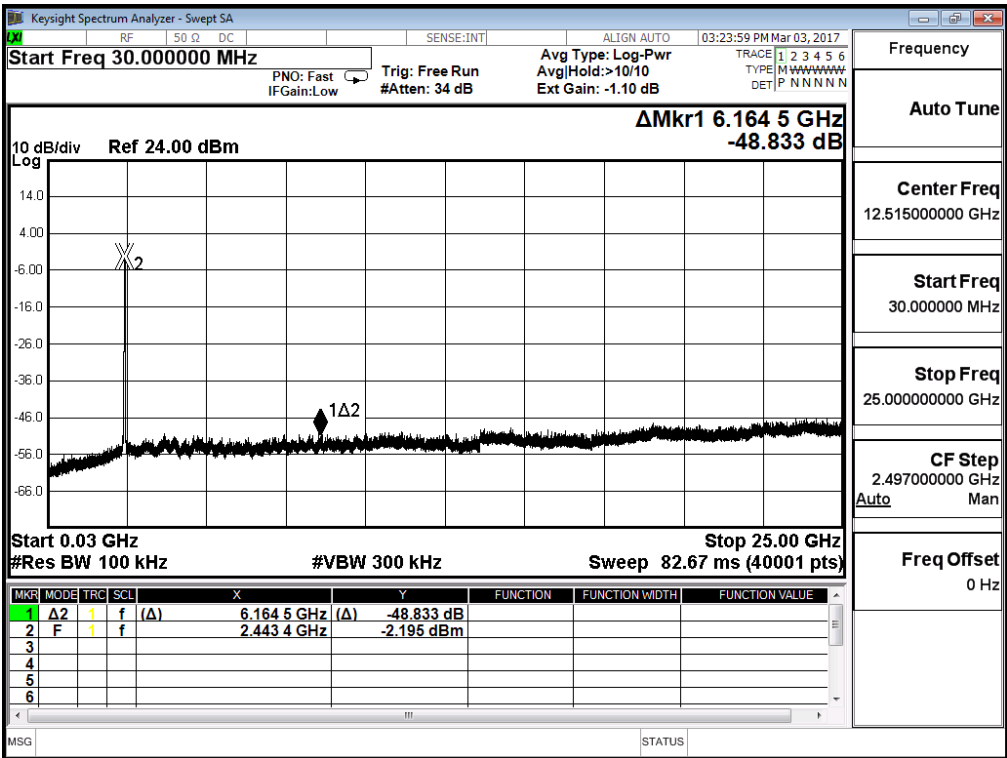
## 2422MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 2



## 2437MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 2



2452MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 2



## 6. Radiated Emission Band Edge

### 6.1. Test Equipment

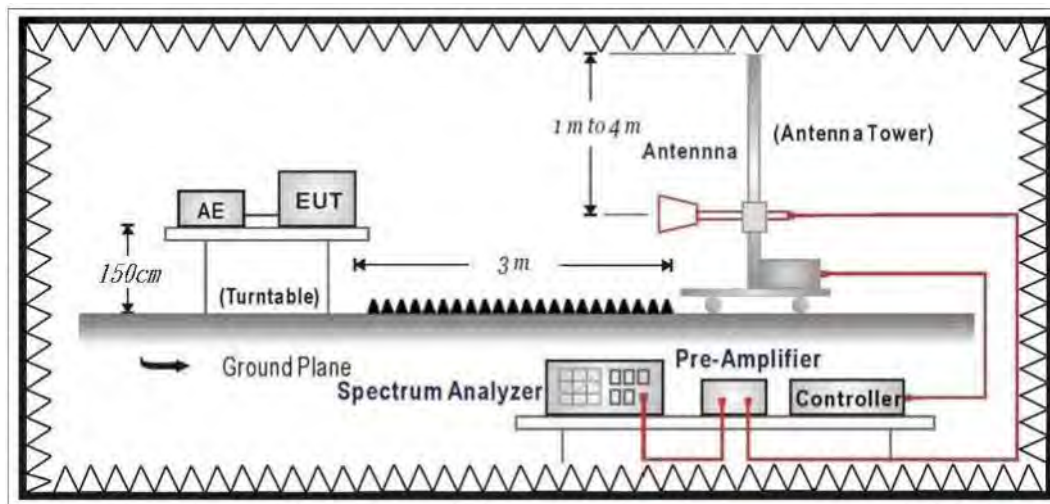
The following test equipments are used during the test:

Band Edge / CB4-H

| Instrument                 | Manufacturer | Model No. | Serial No | Next Cal. Date |
|----------------------------|--------------|-----------|-----------|----------------|
| Horn Antenna               | Schwarzbeck  | BBHA 9120 | D312      | 2017/10/25     |
| Signal & Spectrum Analyzer | R&S          | FSV40     | 101049    | 2018/01/22     |

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

### 6.2. Test Setup



### **6.3. Limits**

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

### **6.4. Test Procedure**

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure of KDB558074 V03r05 for compliance to FCC 47CFR 15.247 requirements.

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.

### **6.5. Test Specification**

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

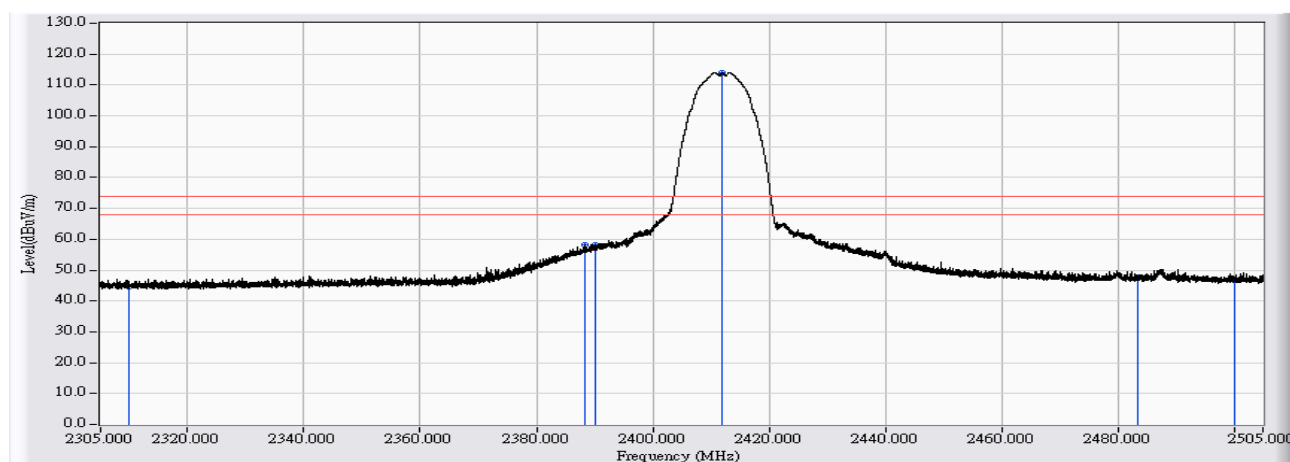
### **6.6. Uncertainty**

The measurement uncertainty

$\pm 3.9$  dB above 1GHz

## 6.7. Test Result

|                                                         |                                                                                 |
|---------------------------------------------------------|---------------------------------------------------------------------------------|
| Site : CB4-H                                            | Time : 2017/02/21                                                               |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                      |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                            |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 1: Tx_ADP: AD890326010-2LF_ CDD Mode (802.11 b/g)_ 802.11b_ 2412MHz |

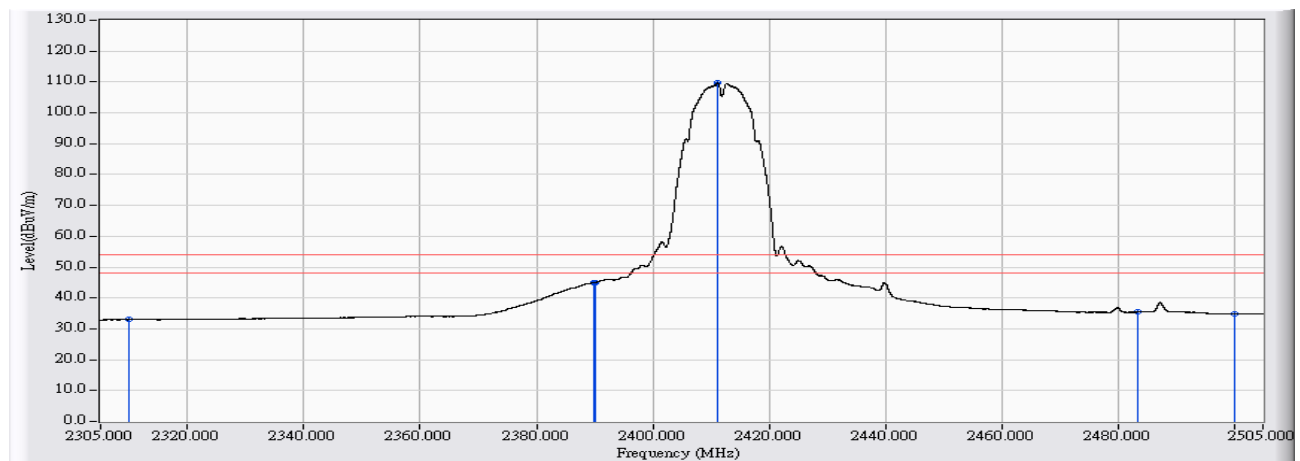


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 32.223                  | 44.662                    | -29.338        | 74.000            | PEAK          |
| 2 | * | 2388.312           | 12.905                 | 45.219                  | 58.124                    | -15.876        | 74.000            | PEAK          |
| 3 |   | 2390.000           | 12.915                 | 45.206                  | 58.122                    | -15.878        | 74.000            | PEAK          |
| 4 |   | 2411.989           | 13.056                 | 100.863                 | 113.919                   | --             | --                | PEAK          |
| 5 |   | 2483.500           | 13.549                 | 34.371                  | 47.920                    | -26.080        | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 33.324                  | 46.983                    | -27.017        | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                             |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                    |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11b_2412MHz |

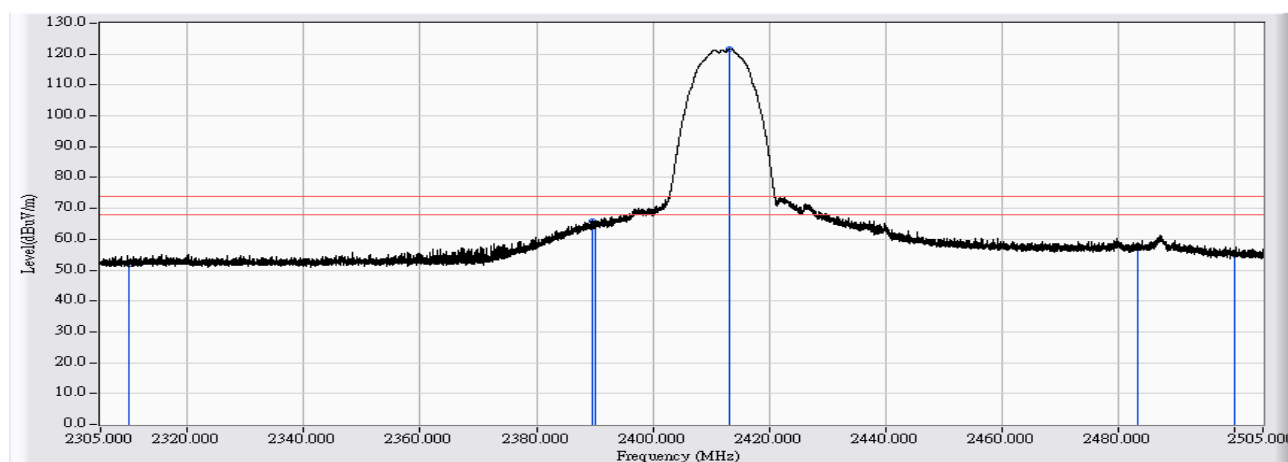


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 20.545               | 32.984                 | -21.016     | 54.000         | AVERAGE       |
| 2 | 2389.751        | 12.914              | 32.066               | 44.980                 | -9.020      | 54.000         | AVERAGE       |
| 3 | * 2390.000      | 12.915              | 32.176               | 45.092                 | -8.908      | 54.000         | AVERAGE       |
| 4 | 2411.129        | 13.050              | 96.605               | 109.655                | --          | --             | AVERAGE       |
| 5 | 2483.500        | 13.549              | 21.875               | 35.424                 | -18.576     | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 21.301               | 34.960                 | -19.040     | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                             |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                    |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11b_2412MHz |

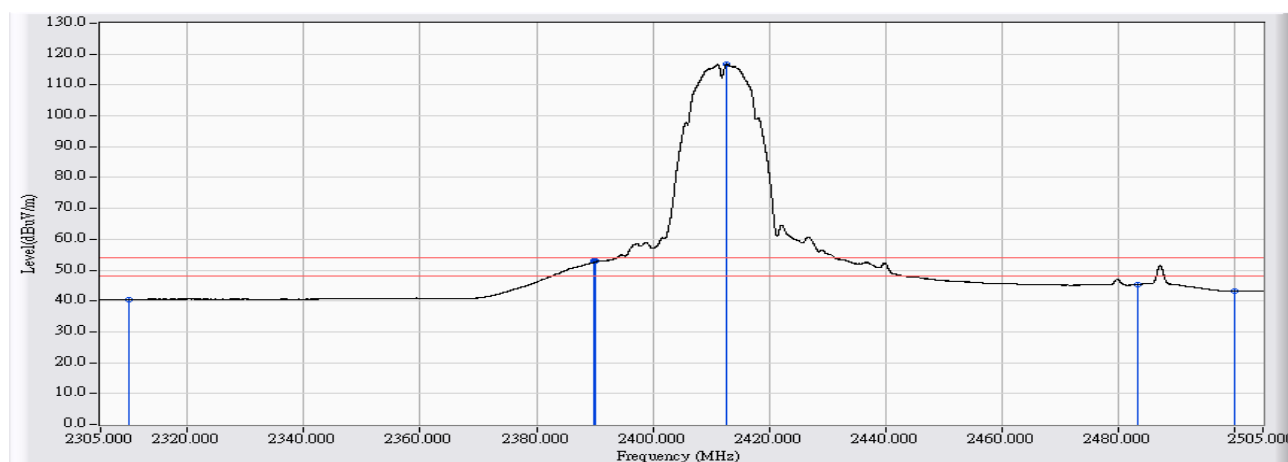


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 39.375               | 51.814                 | -22.186     | 74.000         | PEAK          |
| 2 | * 2389.511      | 12.913              | 52.977               | 65.890                 | -8.110      | 74.000         | PEAK          |
| 3 | 2390.000        | 12.915              | 51.760               | 64.676                 | -9.324      | 74.000         | PEAK          |
| 4 | 2413.169        | 13.064              | 108.599              | 121.663                | --          | --             | PEAK          |
| 5 | 2483.500        | 13.549              | 43.526               | 57.075                 | -16.925     | 74.000         | PEAK          |
| 6 | 2500.000        | 13.658              | 41.476               | 55.135                 | -18.865     | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                             |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                    |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11b_2412MHz |

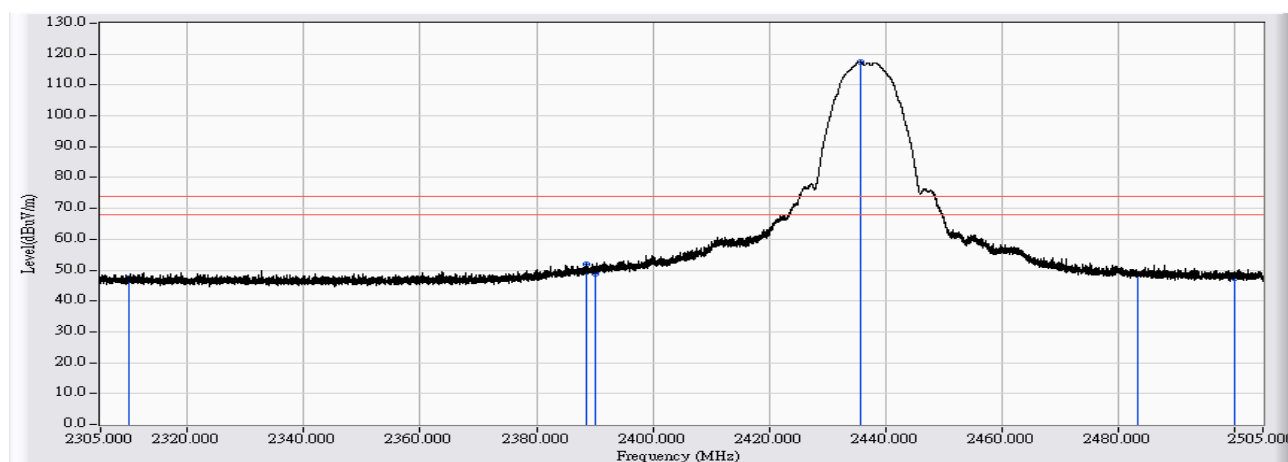


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 28.029               | 40.468                 | -13.532     | 54.000         | AVERAGE       |
| 2 | 2389.951        | 12.915              | 39.953               | 52.868                 | -1.132      | 54.000         | AVERAGE       |
| 3 | * 2390.000      | 12.915              | 40.034               | 52.950                 | -1.050      | 54.000         | AVERAGE       |
| 4 | 2412.729        | 13.061              | 103.700              | 116.761                | --          | --             | AVERAGE       |
| 5 | 2483.500        | 13.549              | 31.837               | 45.386                 | -8.614      | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 29.604               | 43.263                 | -10.737     | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                             |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                    |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11b_2437MHz |

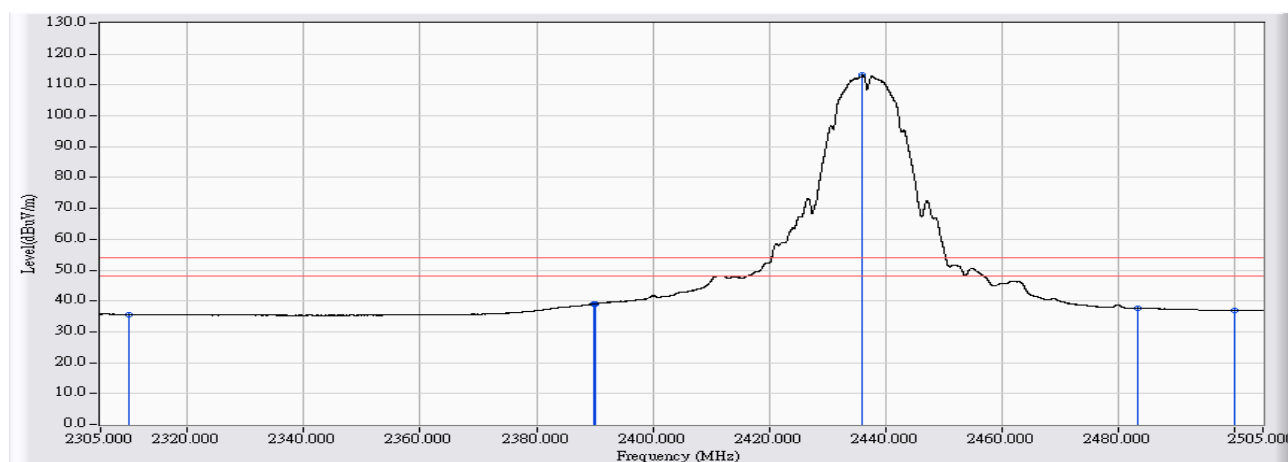


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 34.862                  | 47.301                    | -26.699        | 74.000            | PEAK          |
| 2 | * | 2388.672           | 12.908                 | 38.941                  | 51.849                    | -22.151        | 74.000            | PEAK          |
| 3 |   | 2390.000           | 12.915                 | 36.021                  | 48.937                    | -25.063        | 74.000            | PEAK          |
| 4 |   | 2435.767           | 13.218                 | 104.214                 | 117.431                   | --             | --                | PEAK          |
| 5 |   | 2483.500           | 13.549                 | 35.218                  | 48.767                    | -25.233        | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 33.800                  | 47.459                    | -26.541        | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                              |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                     |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                           |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11b_ 2437MHz |

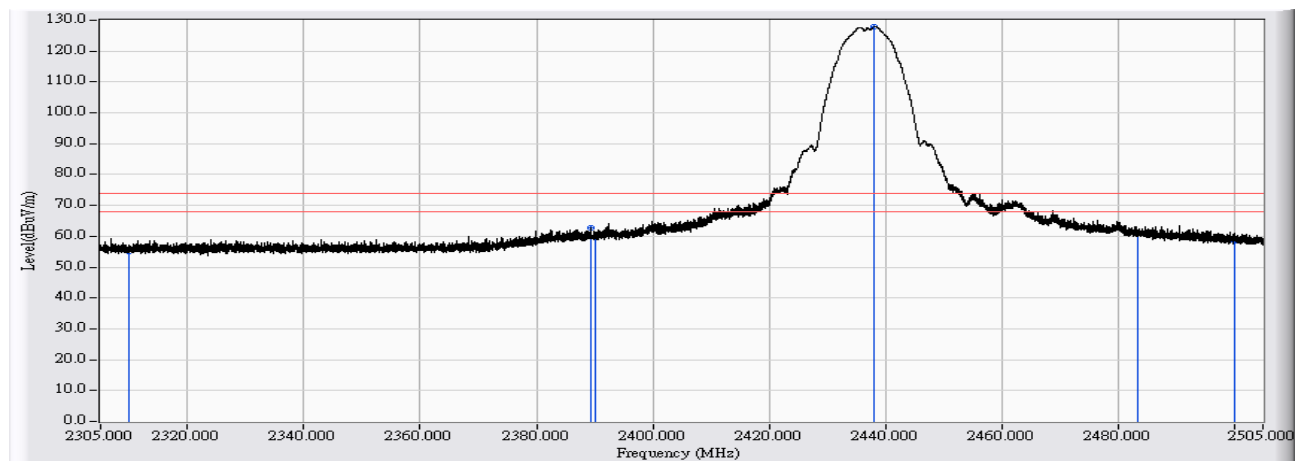


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 23.197               | 35.636                 | -18.364     | 54.000         | AVERAGE       |
| 2 | 2389.751        | 12.914              | 26.075               | 38.989                 | -15.011     | 54.000         | AVERAGE       |
| 3 | * 2390.000      | 12.915              | 26.095               | 39.011                 | -14.989     | 54.000         | AVERAGE       |
| 4 | 2436.147        | 13.220              | 99.963               | 113.183                | --          | --             | AVERAGE       |
| 5 | 2483.500        | 13.549              | 24.136               | 37.685                 | -16.315     | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 23.358               | 37.017                 | -16.983     | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                             |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                    |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11b_2437MHz |

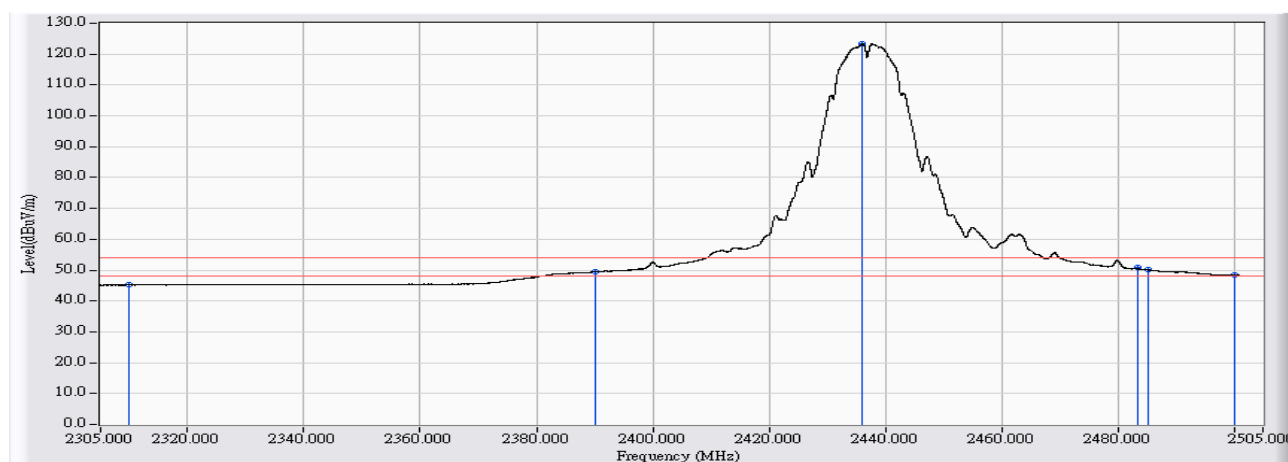


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 42.480               | 54.919                 | -19.081     | 74.000         | PEAK          |
| 2 | * 2389.431      | 12.913              | 49.664               | 62.576                 | -11.424     | 74.000         | PEAK          |
| 3 | 2390.000        | 12.915              | 47.167               | 60.083                 | -13.917     | 74.000         | PEAK          |
| 4 | 2438.127        | 13.233              | 114.643              | 127.876                | --          | --             | PEAK          |
| 5 | 2483.500        | 13.549              | 47.600               | 61.149                 | -12.851     | 74.000         | PEAK          |
| 6 | 2500.000        | 13.658              | 44.872               | 58.531                 | -15.469     | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                             |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                    |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11b_2437MHz |

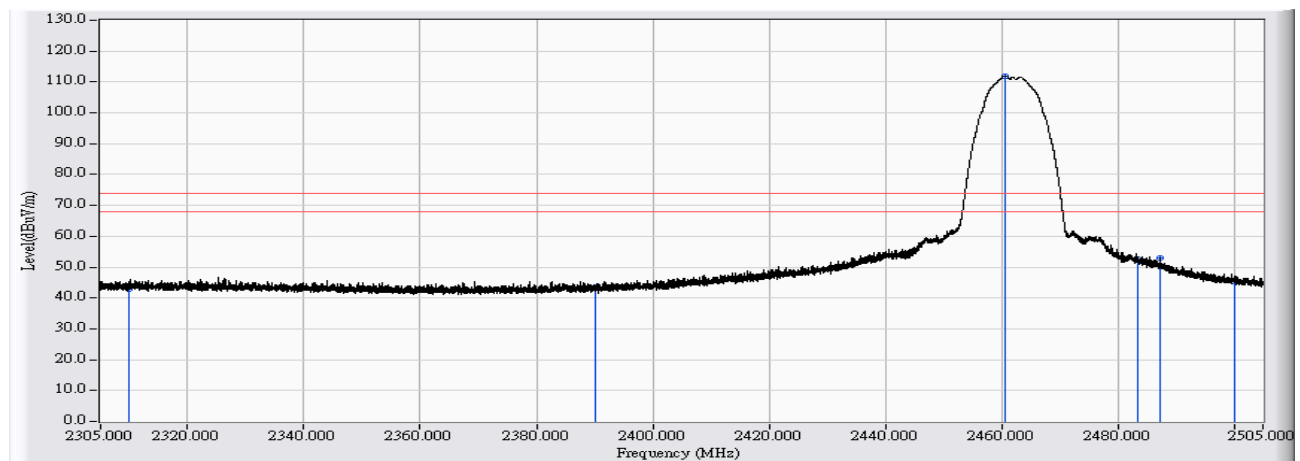


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 32.773               | 45.212                 | -8.788      | 54.000         | AVERAGE       |
| 2 | 2390.000        | 12.915              | 36.481               | 49.397                 | -4.603      | 54.000         | AVERAGE       |
| 3 | 2436.127        | 13.220              | 110.292              | 123.512                | --          | --             | AVERAGE       |
| 4 | * 2483.500      | 13.549              | 37.478               | 51.027                 | -2.973      | 54.000         | AVERAGE       |
| 5 | 2485.142        | 13.561              | 36.552               | 50.113                 | -3.887      | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 34.686               | 48.345                 | -5.655      | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                             |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                    |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11b_2462MHz |

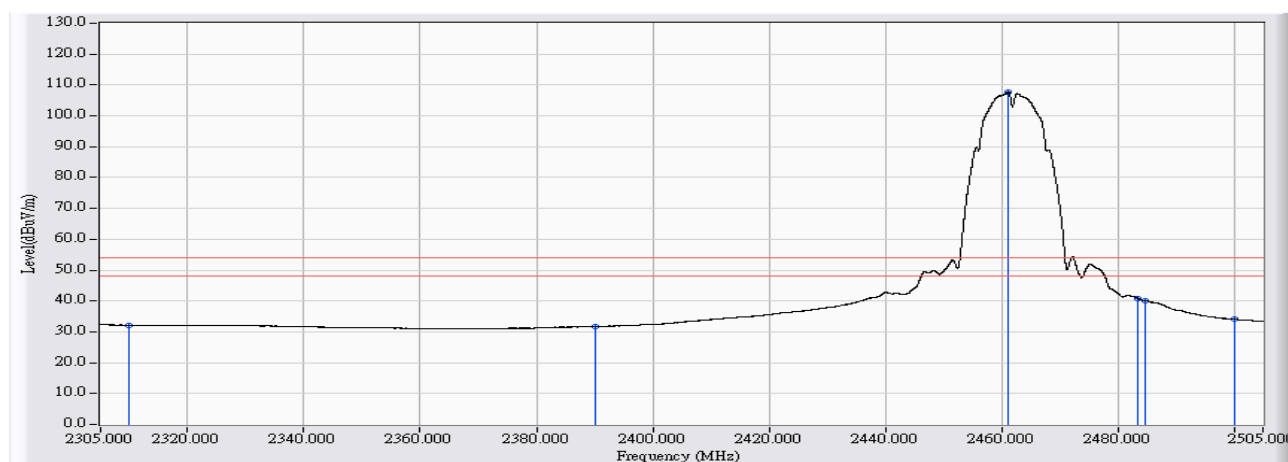


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 30.407                  | 42.846                    | -31.154        | 74.000            | PEAK          |
| 2 |   | 2390.000           | 12.915                 | 30.764                  | 43.680                    | -30.320        | 74.000            | PEAK          |
| 3 |   | 2460.664           | 13.388                 | 98.619                  | 112.007                   | --             | --                | PEAK          |
| 4 |   | 2483.500           | 13.549                 | 39.000                  | 52.549                    | -21.451        | 74.000            | PEAK          |
| 5 | * | 2487.342           | 13.576                 | 39.315                  | 52.891                    | -21.109        | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 31.583                  | 45.242                    | -28.758        | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                             |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                    |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11b_2462MHz |

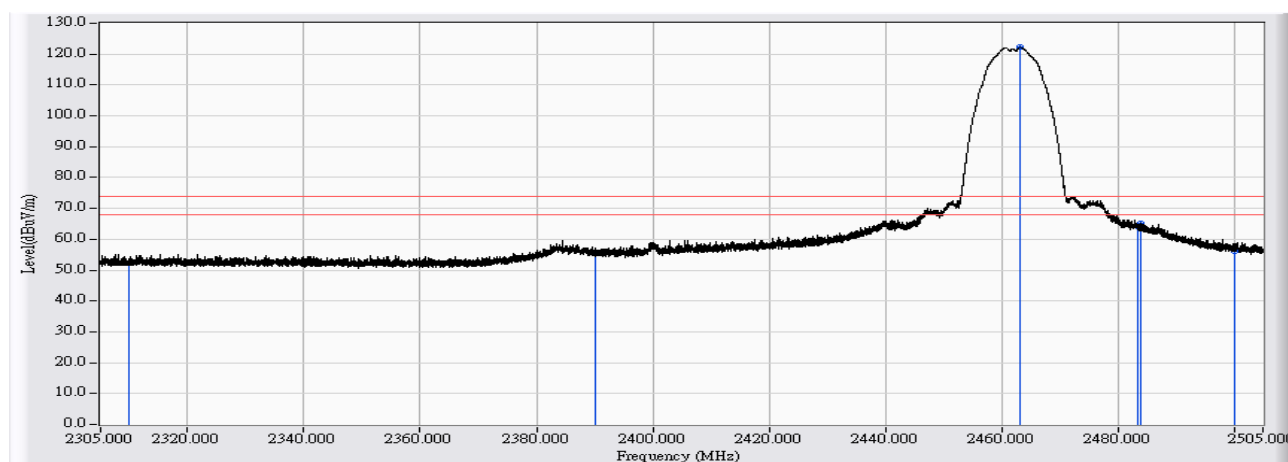


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 19.730               | 32.169                 | -21.831     | 54.000         | AVERAGE       |
| 2 | 2390.000        | 12.915              | 18.733               | 31.649                 | -22.351     | 54.000         | AVERAGE       |
| 3 | 2461.164        | 13.392              | 94.267               | 107.659                | --          | --             | AVERAGE       |
| 4 | * 2483.500      | 13.549              | 27.362               | 40.911                 | -13.089     | 54.000         | AVERAGE       |
| 5 | 2484.622        | 13.558              | 26.645               | 40.202                 | -13.798     | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 20.446               | 34.105                 | -19.895     | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                             |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                    |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11b_2462MHz |

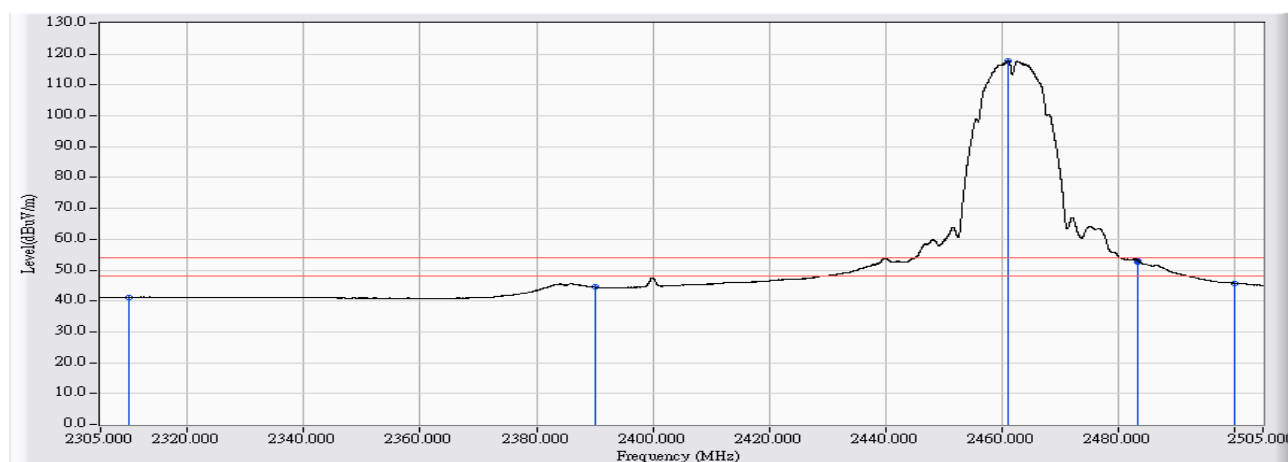


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 39.939                  | 52.378                    | -21.622        | 74.000            | PEAK          |
| 2 |   | 2390.000           | 12.915                 | 42.992                  | 55.908                    | -18.092        | 74.000            | PEAK          |
| 3 |   | 2463.324           | 13.407                 | 108.767                 | 122.174                   | --             | --                | PEAK          |
| 4 |   | 2483.500           | 13.549                 | 50.667                  | 64.216                    | -9.784         | 74.000            | PEAK          |
| 5 | * | 2483.862           | 13.552                 | 51.796                  | 65.348                    | -8.652         | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 42.561                  | 56.220                    | -17.780        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                             |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                    |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11b_2462MHz |

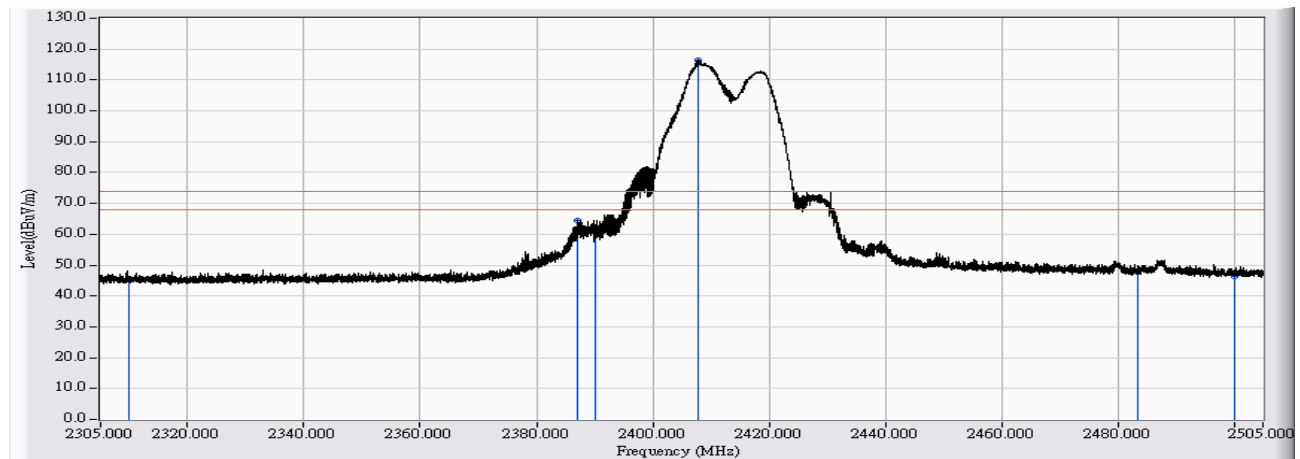


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 28.721                  | 41.160                    | -12.840        | 54.000            | AVERAGE       |
| 2 |   | 2390.000           | 12.915                 | 31.534                  | 44.450                    | -9.550         | 54.000            | AVERAGE       |
| 3 |   | 2461.144           | 13.392                 | 104.405                 | 117.797                   | --             | --                | AVERAGE       |
| 4 |   | 2483.500           | 13.549                 | 39.189                  | 52.738                    | -1.262         | 54.000            | AVERAGE       |
| 5 | * | 2483.502           | 13.549                 | 39.286                  | 52.835                    | -1.165         | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 32.092                  | 45.751                    | -8.249         | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                              |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                     |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                           |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11g_ 2412MHz |

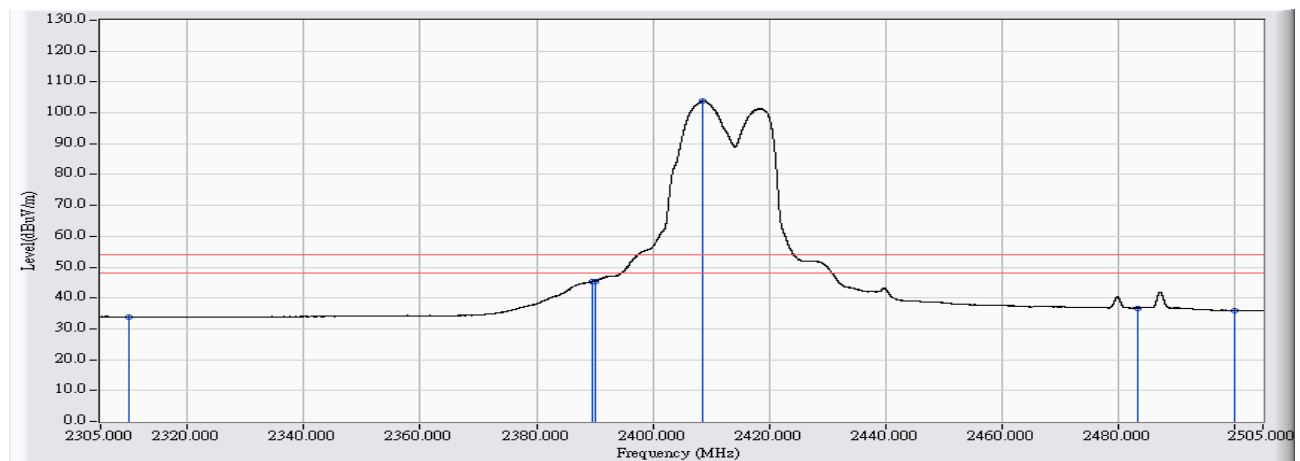


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 33.342                  | 45.781                    | -28.219        | 74.000            | PEAK          |
| 2 | * | 2387.072           | 12.898                 | 51.476                  | 64.374                    | -9.626         | 74.000            | PEAK          |
| 3 |   | 2390.000           | 12.915                 | 48.200                  | 61.116                    | -12.884        | 74.000            | PEAK          |
| 4 |   | 2407.850           | 13.028                 | 103.247                 | 116.275                   | --             | --                | PEAK          |
| 5 |   | 2483.500           | 13.549                 | 34.173                  | 47.722                    | -26.278        | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 32.544                  | 46.203                    | -27.797        | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                              |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                     |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                           |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11g_ 2412MHz |

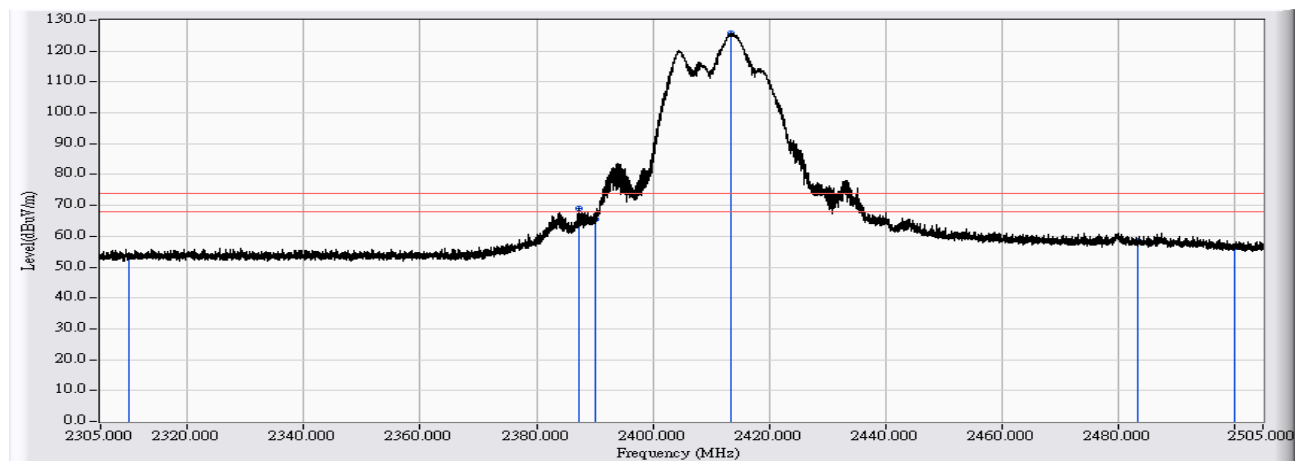


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 21.469                  | 33.908                    | -20.092        | 54.000            | AVERAGE       |
| 2 |   | 2389.491           | 12.913                 | 32.311                  | 45.223                    | -8.777         | 54.000            | AVERAGE       |
| 3 | * | 2390.000           | 12.915                 | 32.490                  | 45.406                    | -8.594         | 54.000            | AVERAGE       |
| 4 |   | 2408.689           | 13.033                 | 90.908                  | 103.942                   | --             | --                | AVERAGE       |
| 5 |   | 2483.500           | 13.549                 | 23.168                  | 36.717                    | -17.283        | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 22.317                  | 35.976                    | -18.024        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                              |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                     |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                           |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11g_ 2412MHz |

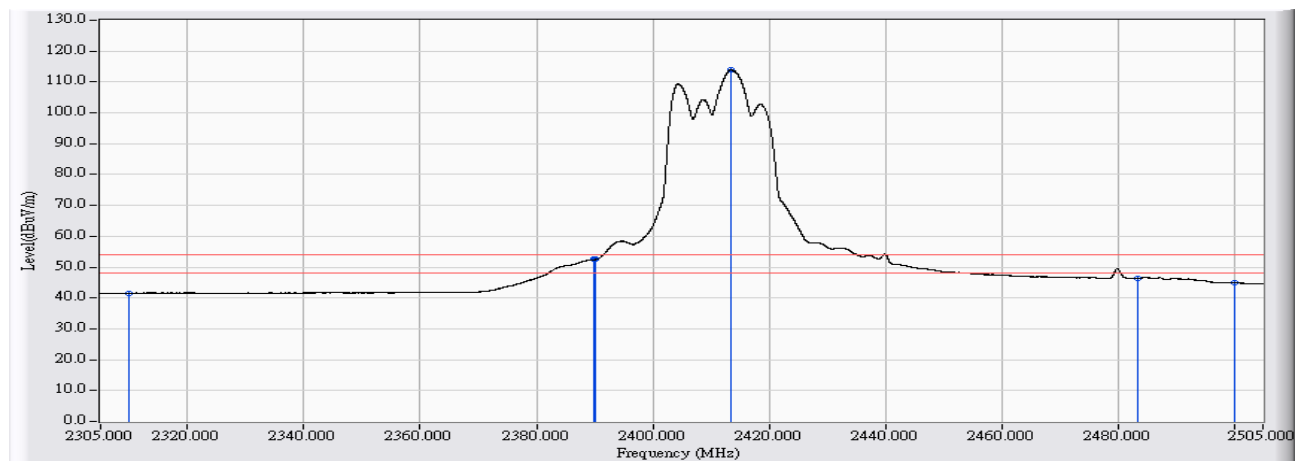


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 41.078                  | 53.517                    | -20.483        | 74.000            | AVERAGE       |
| 2 | * | 2387.332           | 12.899                 | 56.157                  | 69.057                    | -4.943         | 74.000            | AVERAGE       |
| 3 |   | 2390.000           | 12.915                 | 52.591                  | 65.507                    | -8.493         | 74.000            | AVERAGE       |
| 4 |   | 2413.589           | 13.067                 | 112.627                 | 125.694                   | --             | --                | AVERAGE       |
| 5 |   | 2483.500           | 13.549                 | 44.925                  | 58.474                    | -15.526        | 74.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 42.883                  | 56.542                    | -17.458        | 74.000            | AVERAGE       |

## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                              |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                     |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                           |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11g_ 2412MHz |

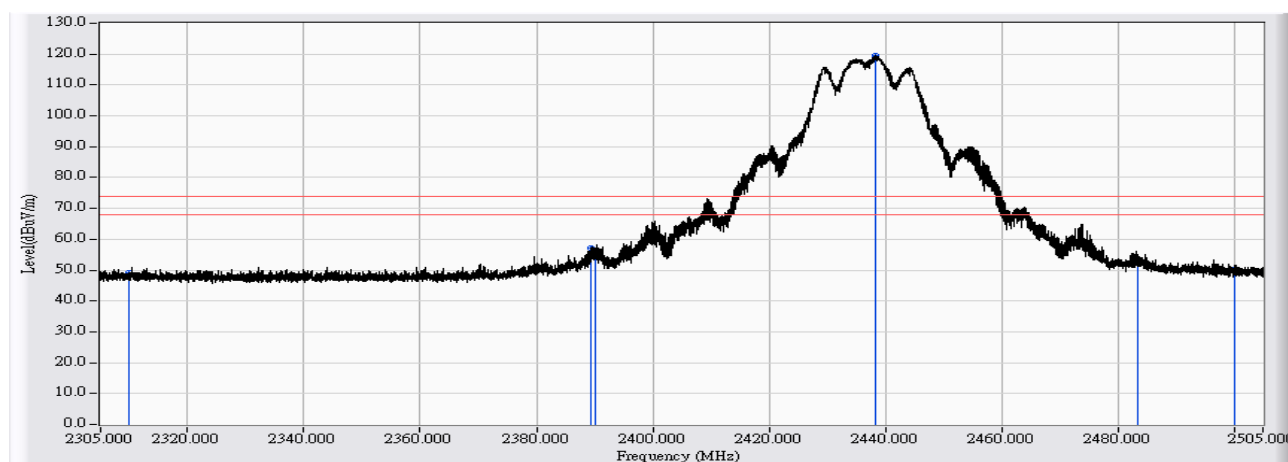


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 29.162               | 41.601                 | -12.399     | 54.000         | AVERAGE       |
| 2 | 2389.751        | 12.914              | 39.632               | 52.546                 | -1.454      | 54.000         | AVERAGE       |
| 3 | * 2390.000      | 12.915              | 39.766               | 52.682                 | -1.318      | 54.000         | AVERAGE       |
| 4 | 2413.509        | 13.067              | 100.897              | 113.964                | --          | --             | AVERAGE       |
| 5 | 2483.500        | 13.549              | 32.880               | 46.429                 | -7.571      | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 31.210               | 44.869                 | -9.131      | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                              |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                     |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                           |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11g_ 2437MHz |



|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 36.728               | 49.167                 | -24.833     | 74.000         | PEAK          |
| 2 | * 2389.391      | 12.913              | 44.286               | 57.198                 | -16.802     | 74.000         | PEAK          |
| 3 | 2390.000        | 12.915              | 43.395               | 56.311                 | -17.689     | 74.000         | PEAK          |
| 4 | 2438.327        | 13.235              | 106.146              | 119.381                | --          | --             | PEAK          |
| 5 | 2483.500        | 13.549              | 38.722               | 52.271                 | -21.729     | 74.000         | PEAK          |
| 6 | 2500.000        | 13.658              | 36.560               | 50.219                 | -23.781     | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                              |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                     |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                           |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11g_ 2437MHz |



|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 24.968               | 37.407                 | -16.593     | 54.000         | AVERAGE       |
| 2 | 2389.751        | 12.914              | 28.812               | 41.726                 | -12.274     | 54.000         | AVERAGE       |
| 3 | * 2390.000      | 12.915              | 28.915               | 41.831                 | -12.169     | 54.000         | AVERAGE       |
| 4 | 2438.427        | 13.235              | 95.093               | 108.328                | --          | --             | AVERAGE       |
| 5 | 2483.500        | 13.549              | 27.550               | 41.099                 | -12.901     | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 25.099               | 38.758                 | -15.242     | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                              |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                     |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                           |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11g_ 2437MHz |

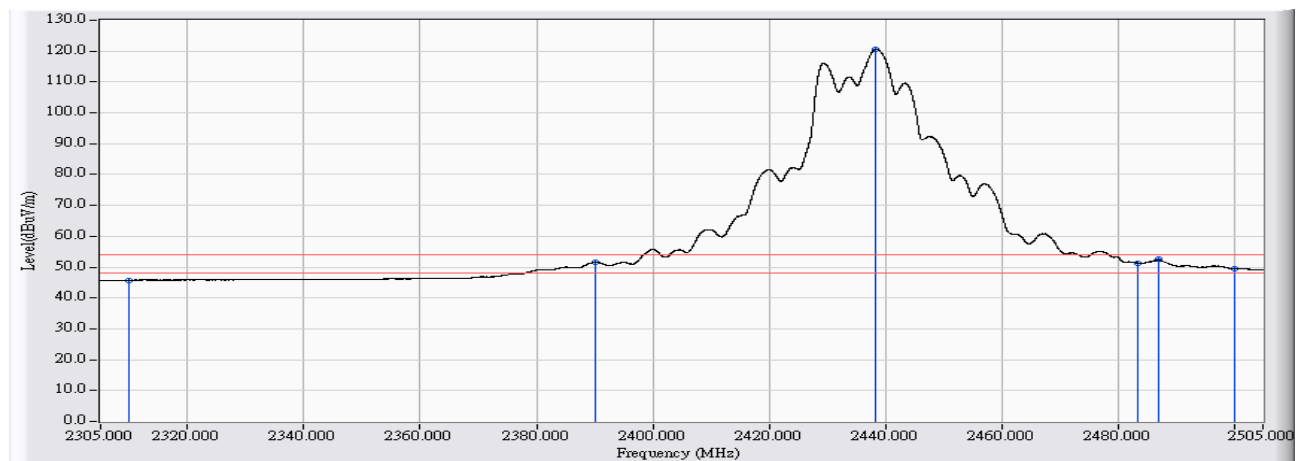


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 42.641                  | 55.080                    | -18.920        | 74.000            | PEAK          |
| 2 |   | 2390.000           | 12.915                 | 50.965                  | 63.881                    | -10.119        | 74.000            | PEAK          |
| 3 |   | 2438.447           | 13.235                 | 118.266                 | 131.501                   | --             | --                | PEAK          |
| 4 |   | 2483.500           | 13.549                 | 48.838                  | 62.387                    | -11.613        | 74.000            | PEAK          |
| 5 | * | 2487.462           | 13.577                 | 54.386                  | 67.963                    | -6.037         | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 45.263                  | 58.922                    | -15.078        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                              |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                     |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                           |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11g_ 2437MHz |

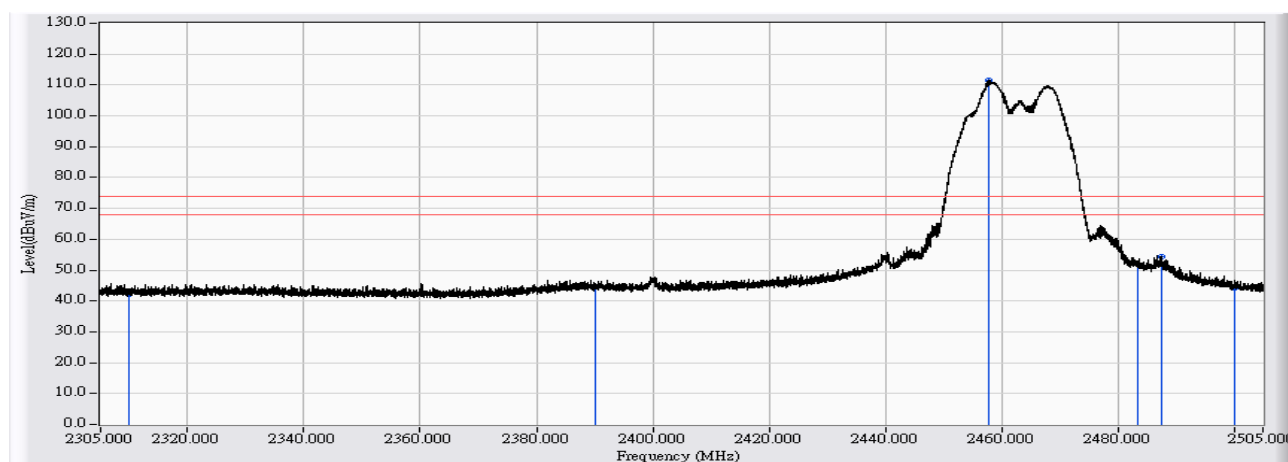


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 33.382                  | 45.821                    | -8.179         | 54.000            | AVERAGE       |
| 2 |   | 2390.000           | 12.915                 | 38.640                  | 51.556                    | -2.444         | 54.000            | AVERAGE       |
| 3 |   | 2438.387           | 13.235                 | 107.360                 | 120.595                   | --             | --                | AVERAGE       |
| 4 |   | 2483.500           | 13.549                 | 37.761                  | 51.310                    | -2.690         | 54.000            | AVERAGE       |
| 5 | * | 2487.142           | 13.575                 | 38.909                  | 52.484                    | -1.516         | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 35.739                  | 49.398                    | -4.602         | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                              |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                     |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                           |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11g_ 2462MHz |

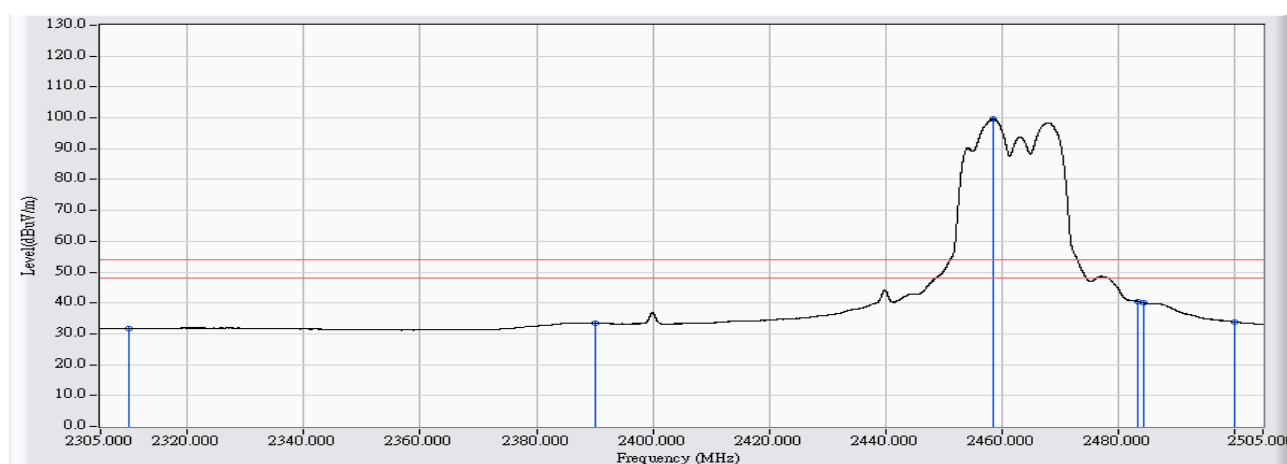


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 29.593                  | 42.032                    | -31.968        | 74.000            | PEAK          |
| 2 |   | 2390.000           | 12.915                 | 31.606                  | 44.522                    | -29.478        | 74.000            | PEAK          |
| 3 |   | 2457.865           | 13.369                 | 98.236                  | 111.605                   | --             | --                | PEAK          |
| 4 |   | 2483.500           | 13.549                 | 38.460                  | 52.009                    | -21.991        | 74.000            | PEAK          |
| 5 | * | 2487.542           | 13.577                 | 40.862                  | 54.439                    | -19.561        | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 30.694                  | 44.353                    | -29.647        | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                              |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                     |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                           |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11g_ 2462MHz |

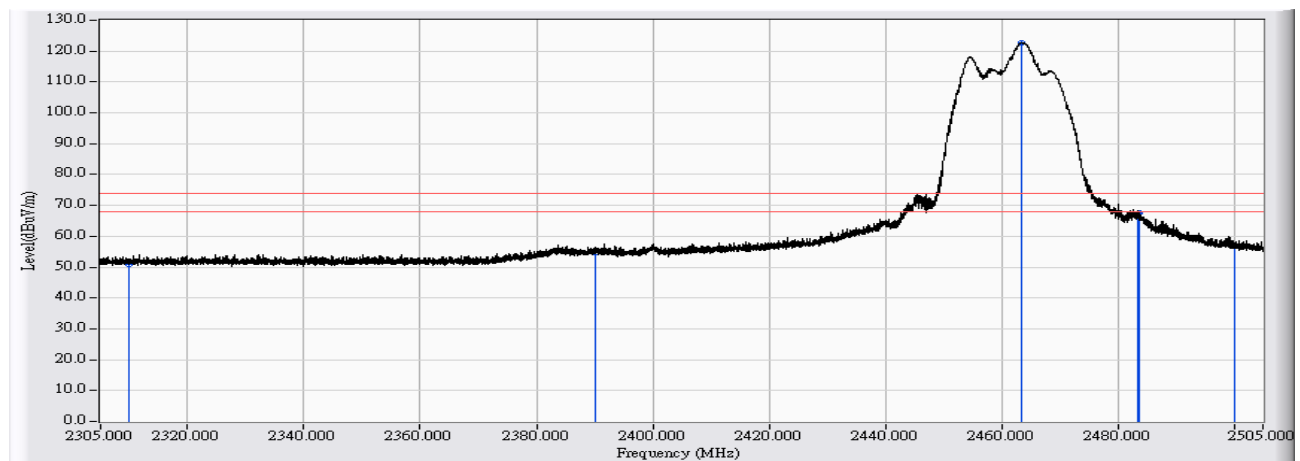


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 19.303               | 31.742                 | -22.258     | 54.000         | AVERAGE       |
| 2 | 2390.000        | 12.915              | 20.697               | 33.613                 | -20.387     | 54.000         | AVERAGE       |
| 3 | 2458.525        | 13.374              | 86.385               | 99.758                 | --          | --             | AVERAGE       |
| 4 | * 2483.500      | 13.549              | 26.946               | 40.495                 | -13.505     | 54.000         | AVERAGE       |
| 5 | 2484.362        | 13.555              | 26.514               | 40.069                 | -13.931     | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 20.225               | 33.884                 | -20.116     | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                              |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                     |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                           |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11g_ 2462MHz |

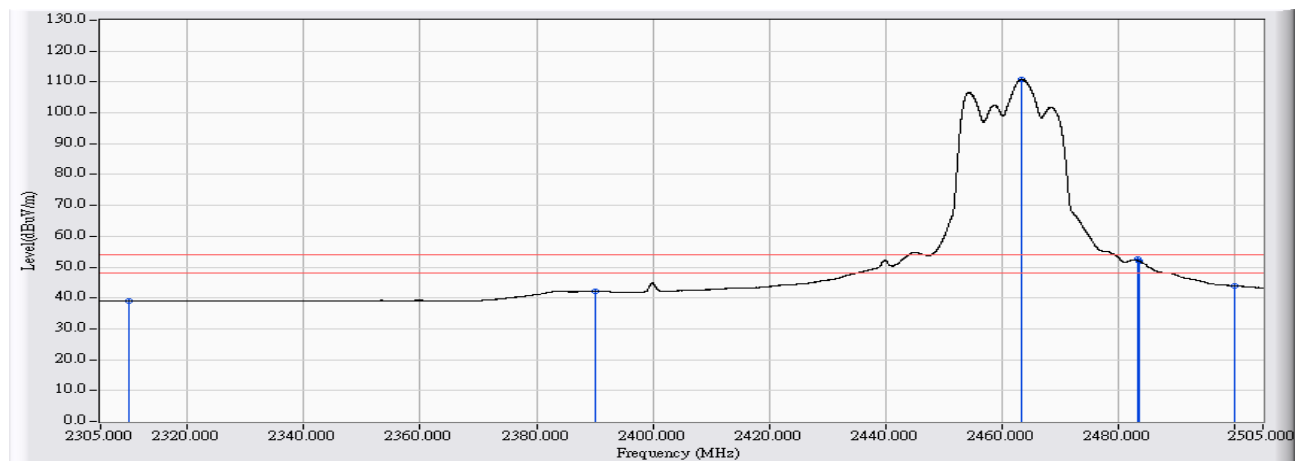


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 38.619                  | 51.058                    | -22.942        | 74.000            | PEAK          |
| 2 |   | 2390.000           | 12.915                 | 41.908                  | 54.824                    | -19.176        | 74.000            | PEAK          |
| 3 |   | 2463.544           | 13.409                 | 109.379                 | 122.788                   | --             | --                | PEAK          |
| 4 |   | 2483.500           | 13.549                 | 53.323                  | 66.872                    | -7.128         | 74.000            | PEAK          |
| 5 | * | 2483.622           | 13.549                 | 54.046                  | 67.596                    | -6.404         | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 43.397                  | 57.056                    | -16.944        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                              |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                     |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                           |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g)_ 802.11g_ 2462MHz |

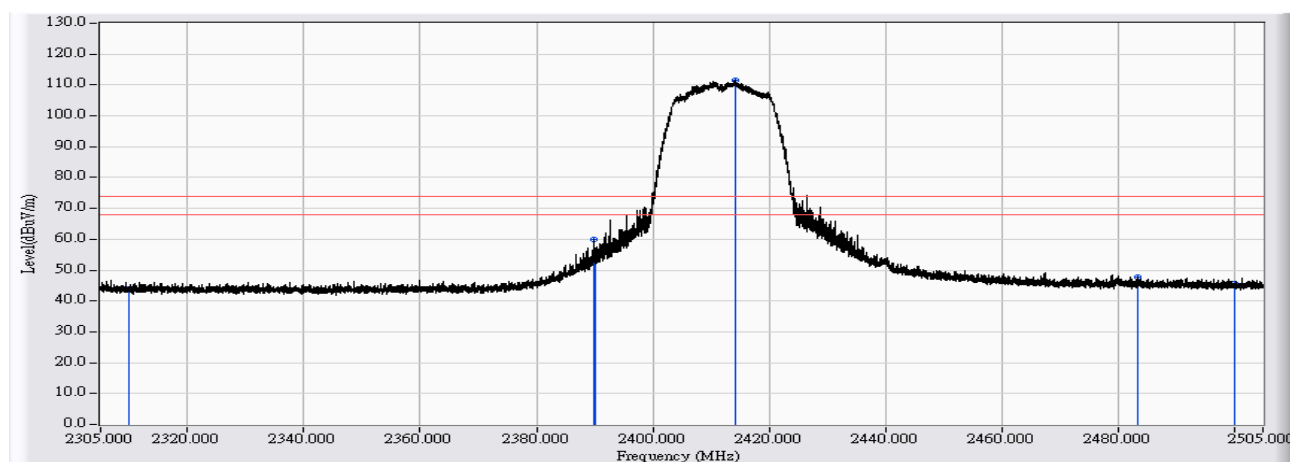


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 26.615               | 39.054                 | -14.946     | 54.000         | AVERAGE       |
| 2 | 2390.000        | 12.915              | 29.263               | 42.179                 | -11.821     | 54.000         | AVERAGE       |
| 3 | 2463.524        | 13.409              | 97.519               | 110.928                | --          | --             | AVERAGE       |
| 4 | * 2483.500      | 13.549              | 39.054               | 52.603                 | -1.397      | 54.000         | AVERAGE       |
| 5 | 2483.602        | 13.549              | 38.487               | 52.037                 | -1.963      | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 30.243               | 43.902                 | -10.098     | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(20M)_ 2412MHz |

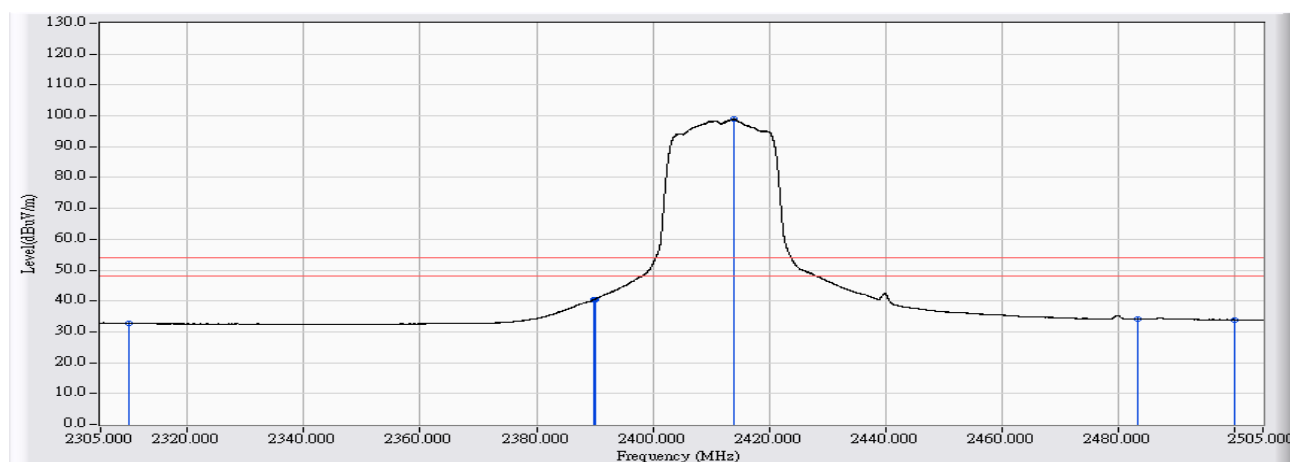


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 31.510                  | 43.949                    | -30.051        | 74.000            | PEAK          |
| 2 | * | 2389.771           | 12.914                 | 46.868                  | 59.782                    | -14.218        | 74.000            | PEAK          |
| 3 |   | 2390.000           | 12.915                 | 41.441                  | 54.357                    | -19.643        | 74.000            | PEAK          |
| 4 |   | 2414.149           | 13.071                 | 98.341                  | 111.412                   | --             | --                | PEAK          |
| 5 |   | 2483.500           | 13.549                 | 34.169                  | 47.718                    | -26.282        | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 32.003                  | 45.662                    | -28.338        | 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 = 3 MHz, 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 : CB4-H                                               | Time : 2017/02/21                                                                           |
| Limit : FCC_SpartC_15.209_03M_AV                           | Margin : 6                                                                                  |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 -<br>HORIZONTAL | Power : AC 120V/60Hz                                                                        |
| EUT : Wireless-AC2900 Dual Band Gigabit Router             | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode<br>(802.11 n20/40)_ 802.11n(20M)_ 2412MHz |

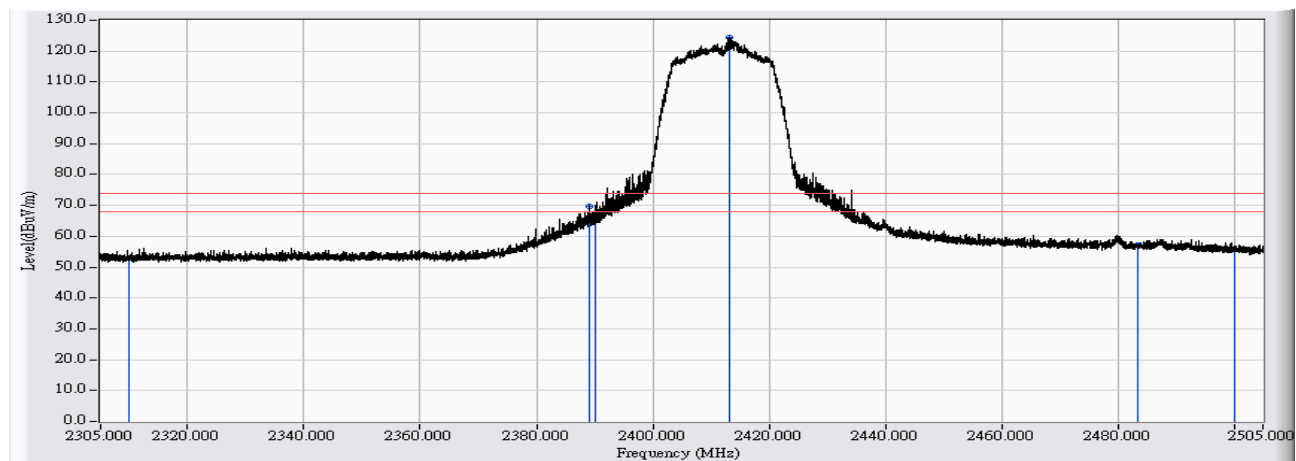


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 20.293                  | 32.732                    | -21.268        | 54.000            | AVERAGE       |
| 2 |   | 2389.751           | 12.914                 | 27.364                  | 40.278                    | -13.722        | 54.000            | AVERAGE       |
| 3 | * | 2390.000           | 12.915                 | 27.621                  | 40.537                    | -13.463        | 54.000            | AVERAGE       |
| 4 |   | 2413.889           | 13.069                 | 85.883                  | 98.952                    | --             | --                | AVERAGE       |
| 5 |   | 2483.500           | 13.549                 | 20.629                  | 34.178                    | -19.822        | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 20.270                  | 33.929                    | -20.071        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(20M)_ 2412MHz |

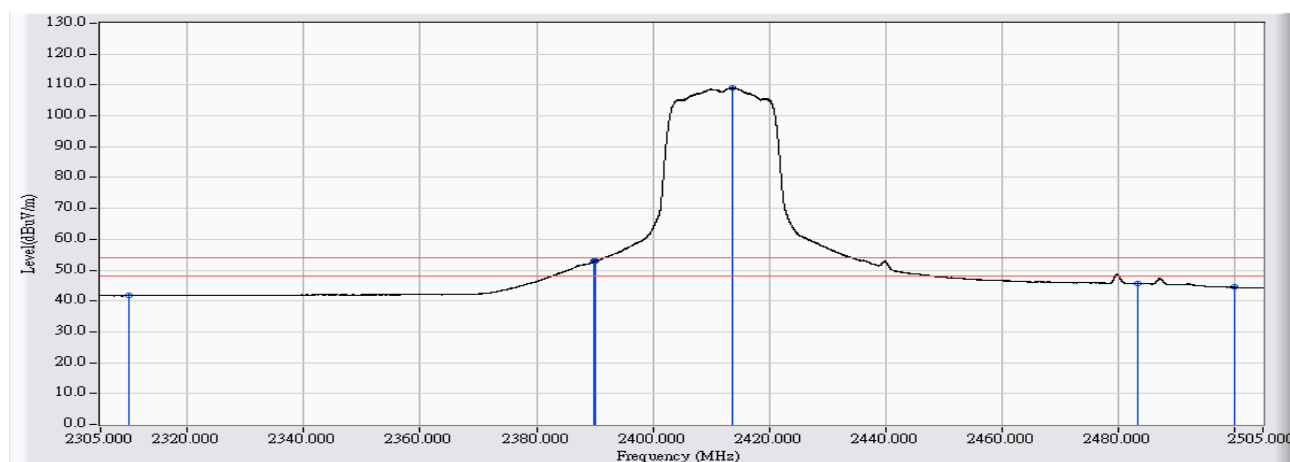


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 40.488               | 52.927                 | -21.073     | 74.000         | PEAK          |
| 2 | * 2388.991      | 12.909              | 56.960               | 69.870                 | -4.130      | 74.000         | PEAK          |
| 3 | 2390.000        | 12.915              | 53.583               | 66.499                 | -7.501      | 74.000         | PEAK          |
| 4 | 2413.169        | 13.064              | 111.217              | 124.281                | --          | --             | PEAK          |
| 5 | 2483.500        | 13.549              | 43.498               | 57.047                 | -16.953     | 74.000         | PEAK          |
| 6 | 2500.000        | 13.658              | 42.053               | 55.712                 | -18.288     | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(20M)_ 2412MHz |

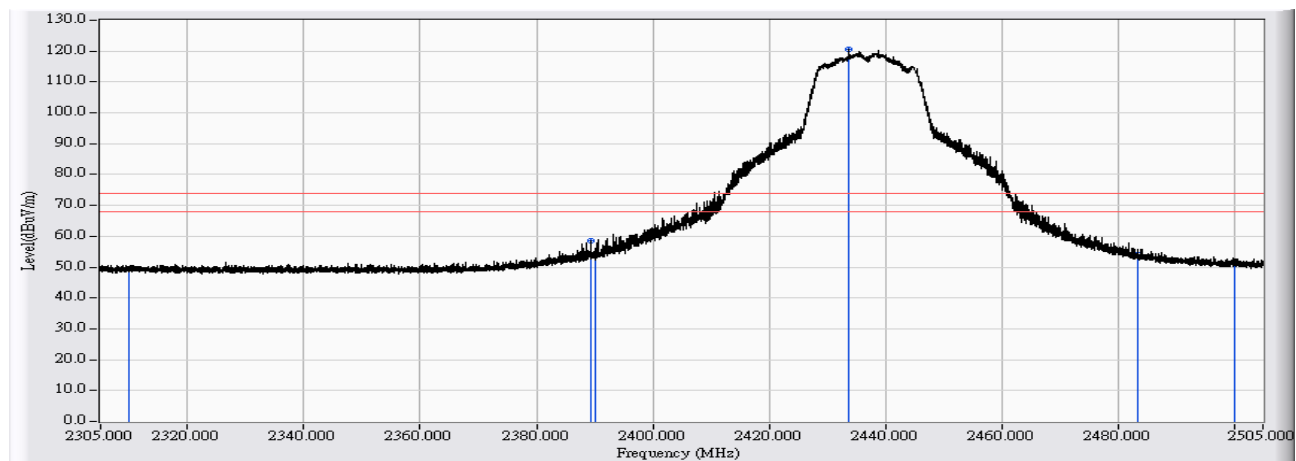


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 29.312               | 41.751                 | -12.249     | 54.000         | AVERAGE       |
| 2 | 2389.991        | 12.915              | 39.900               | 52.815                 | -1.185      | 54.000         | AVERAGE       |
| 3 | * 2390.000      | 12.915              | 39.916               | 52.832                 | -1.168      | 54.000         | AVERAGE       |
| 4 | 2413.629        | 13.067              | 95.932               | 108.999                | --          | --             | AVERAGE       |
| 5 | 2483.500        | 13.549              | 32.133               | 45.682                 | -8.318      | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 30.785               | 44.444                 | -9.556      | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(20M)_ 2437MHz |

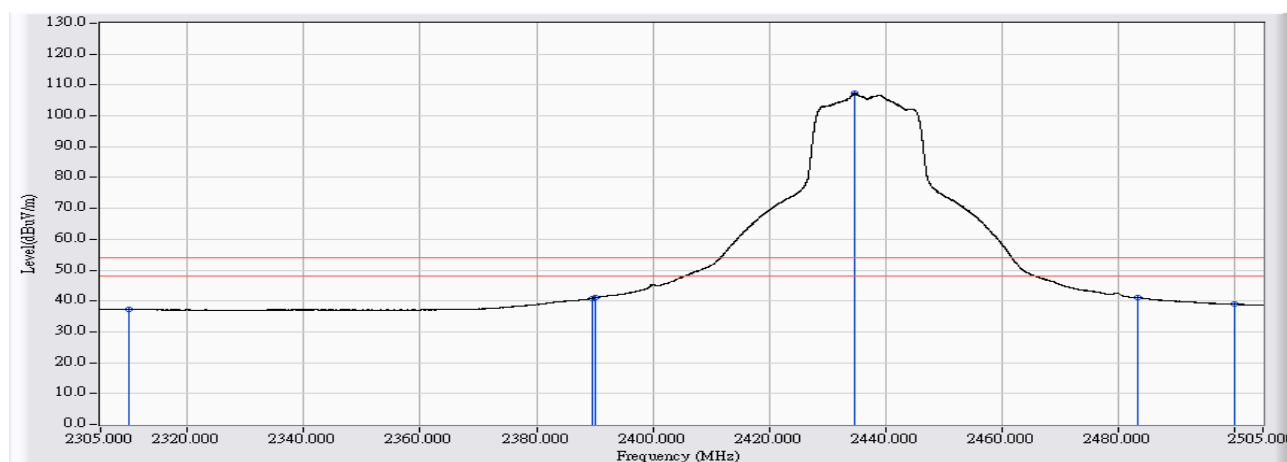


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 36.930                  | 49.369                    | -24.631        | 74.000            | AVERAGE       |
| 2 | * | 2389.271           | 12.910                 | 45.776                  | 58.687                    | -15.313        | 74.000            | AVERAGE       |
| 3 |   | 2390.000           | 12.915                 | 41.014                  | 53.930                    | -20.070        | 74.000            | AVERAGE       |
| 4 |   | 2433.827           | 13.204                 | 107.239                 | 120.443                   | --             | --                | AVERAGE       |
| 5 |   | 2483.500           | 13.549                 | 40.344                  | 53.893                    | -20.107        | 74.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 38.034                  | 51.693                    | -22.307        | 74.000            | AVERAGE       |

## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(20M)_ 2437MHz |

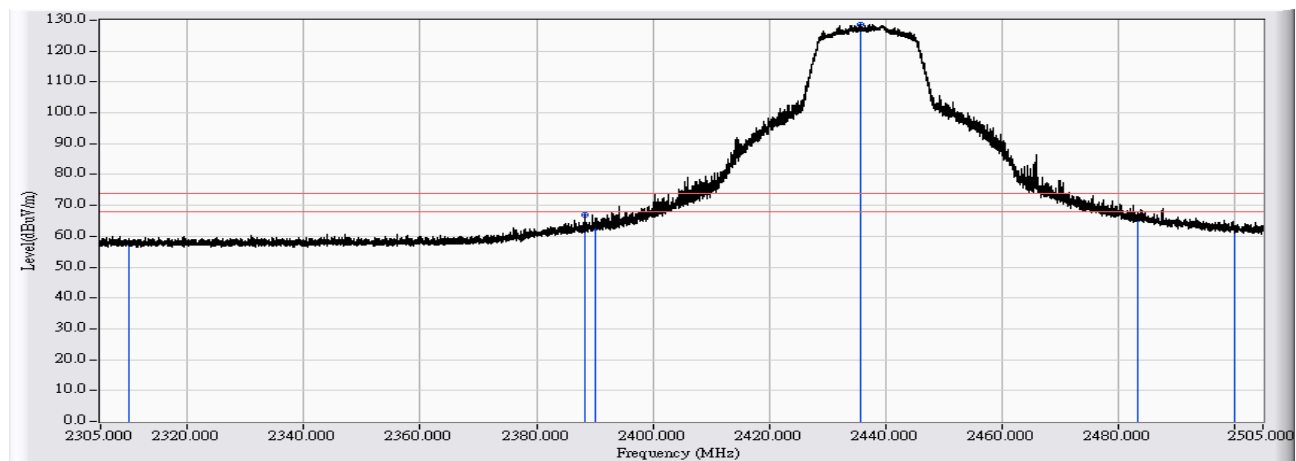


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 24.756                  | 37.195                    | -16.805        | 54.000            | AVERAGE       |
| 2 |   | 2389.632           | 12.914                 | 27.985                  | 40.898                    | -13.102        | 54.000            | AVERAGE       |
| 3 |   | 2390.000           | 12.915                 | 28.060                  | 40.976                    | -13.024        | 54.000            | AVERAGE       |
| 4 |   | 2434.827           | 13.211                 | 94.111                  | 107.322                   | --             | --                | AVERAGE       |
| 5 | * | 2483.500           | 13.549                 | 27.498                  | 41.047                    | -12.953        | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 25.282                  | 38.941                    | -15.059        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(20M)_ 2437MHz |

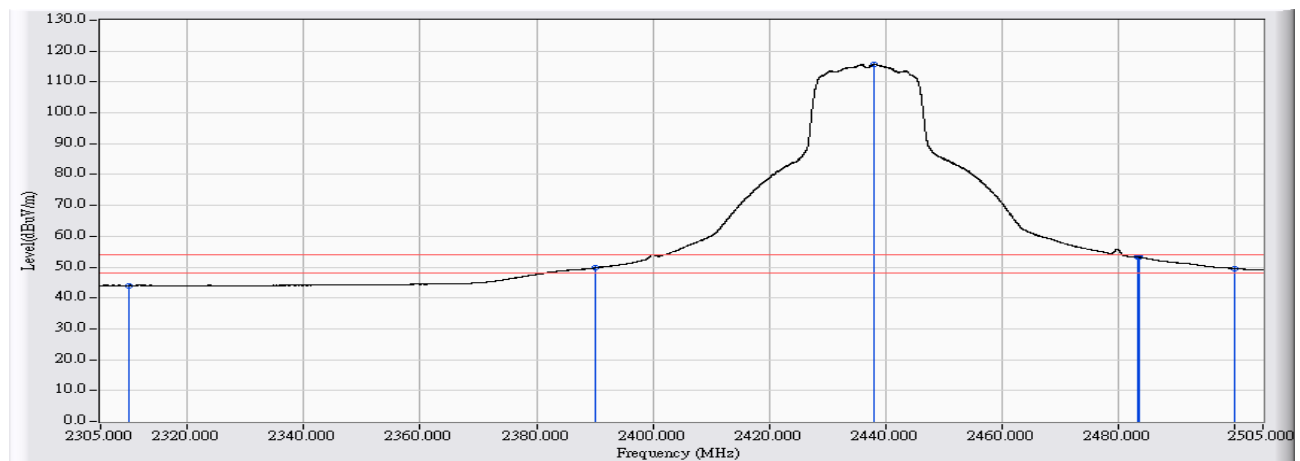


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 45.258                  | 57.697                    | -16.303        | 74.000            | PEAK          |
| 2 | * | 2388.312           | 12.905                 | 53.981                  | 66.886                    | -7.114         | 74.000            | PEAK          |
| 3 |   | 2390.000           | 12.915                 | 49.885                  | 62.801                    | -11.199        | 74.000            | PEAK          |
| 4 |   | 2435.647           | 13.216                 | 115.232                 | 128.448                   | --             | --                | PEAK          |
| 5 |   | 2483.500           | 13.549                 | 52.134                  | 65.683                    | -8.317         | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 48.965                  | 62.624                    | -11.376        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(20M)_ 2437MHz |

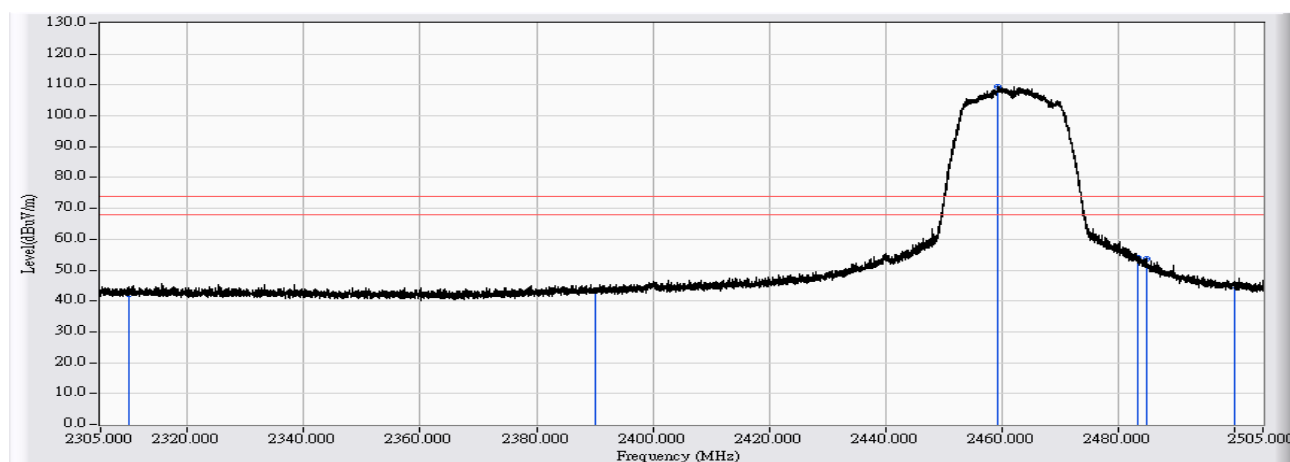


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 31.634               | 44.073                 | -9.927      | 54.000         | AVERAGE       |
| 2 | 2390.000        | 12.915              | 36.824               | 49.740                 | -4.260      | 54.000         | AVERAGE       |
| 3 | 2438.067        | 13.232              | 102.570              | 115.803                | --          | --             | AVERAGE       |
| 4 | * 2483.500      | 13.549              | 39.940               | 53.489                 | -0.511      | 54.000         | AVERAGE       |
| 5 | 2483.602        | 13.549              | 39.633               | 53.183                 | -0.817      | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 35.918               | 49.577                 | -4.423      | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(20M)_ 2462MHz |

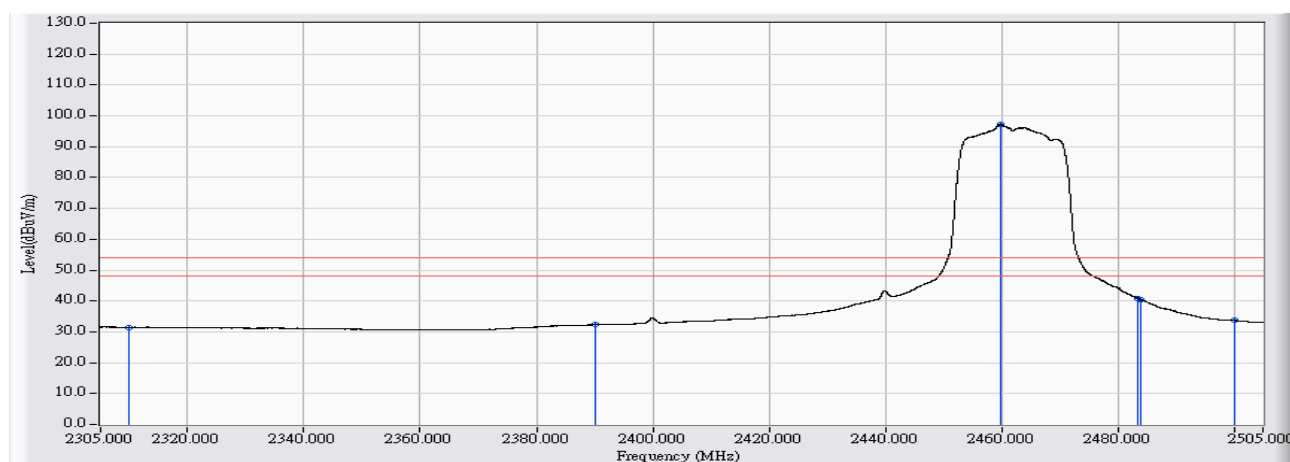


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 29.638               | 42.077                 | -31.923     | 74.000         | PEAK          |
| 2 | 2390.000        | 12.915              | 30.489               | 43.405                 | -30.595     | 74.000         | PEAK          |
| 3 | 2459.445        | 13.380              | 96.012               | 109.392                | --          | --             | PEAK          |
| 4 | * 2483.500      | 13.549              | 40.564               | 54.113                 | -19.887     | 74.000         | PEAK          |
| 5 | 2484.882        | 13.559              | 40.123               | 53.682                 | -20.318     | 74.000         | PEAK          |
| 6 | 2500.000        | 13.658              | 31.460               | 45.119                 | -28.881     | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(20M)_ 2462MHz |

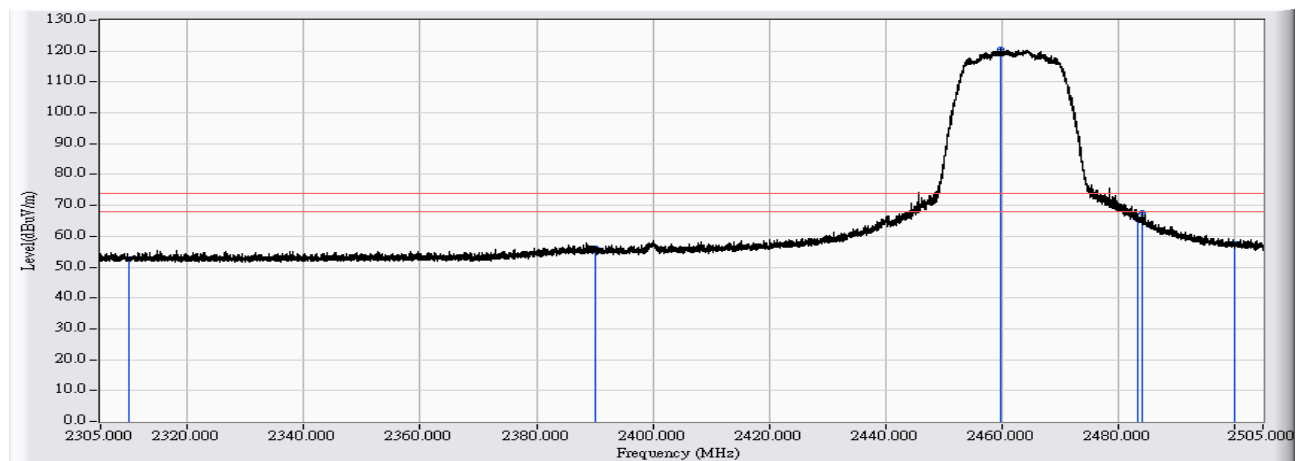


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 19.058               | 31.497                 | -22.503     | 54.000         | PEAK          |
| 2 | 2390.000        | 12.915              | 19.483               | 32.399                 | -21.601     | 54.000         | PEAK          |
| 3 | 2459.824        | 13.382              | 84.023               | 97.406                 | --          | --             | PEAK          |
| 4 | * 2483.500      | 13.549              | 27.346               | 40.895                 | -13.105     | 54.000         | PEAK          |
| 5 | 2483.862        | 13.552              | 27.034               | 40.586                 | -13.414     | 54.000         | PEAK          |
| 6 | 2500.000        | 13.658              | 20.041               | 33.700                 | -20.300     | 54.000         | PEAK          |

## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(20M)_ 2462MHz |

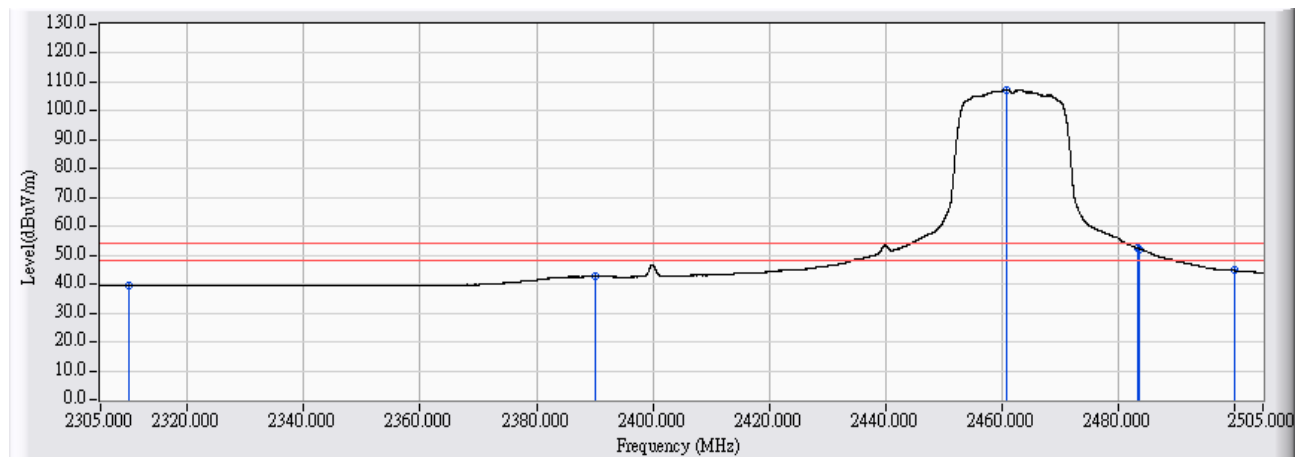


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 40.244                  | 52.683                    | -21.317        | 74.000            | PEAK          |
| 2 |   | 2390.000           | 12.915                 | 43.056                  | 55.972                    | -18.028        | 74.000            | PEAK          |
| 3 |   | 2459.844           | 13.382                 | 107.381                 | 120.764                   | --             | --                | PEAK          |
| 4 |   | 2483.500           | 13.549                 | 51.889                  | 65.438                    | -8.562         | 74.000            | PEAK          |
| 5 | * | 2484.162           | 13.554                 | 54.049                  | 67.603                    | -6.397         | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 43.760                  | 57.419                    | -16.581        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(20M)_ 2462MHz |

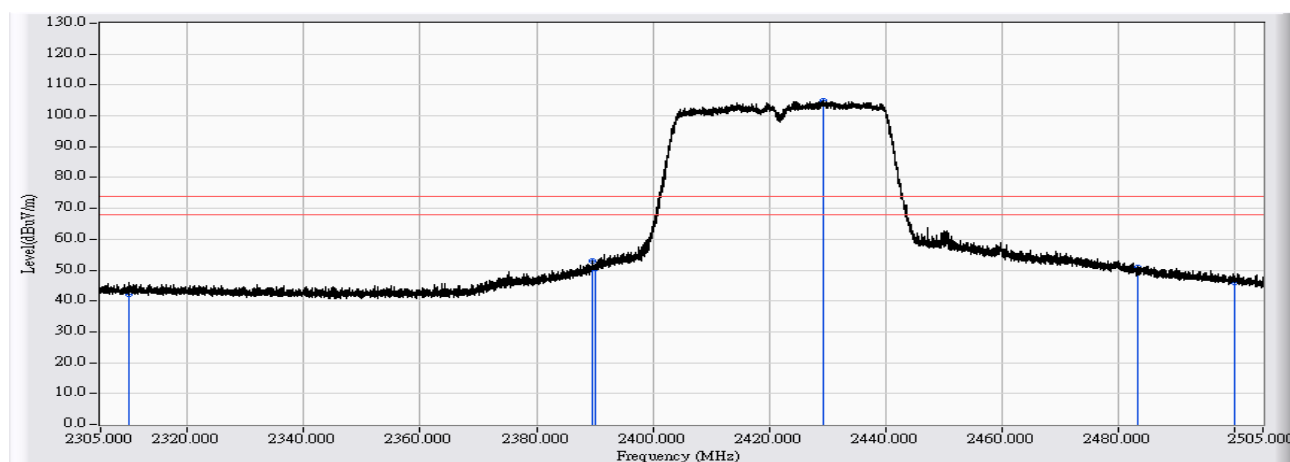


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 27.085                  | 39.524                    | -14.476        | 54.000            | AVERAGE       |
| 2 |   | 2390.000           | 12.915                 | 29.675                  | 42.591                    | -11.409        | 54.000            | AVERAGE       |
| 3 |   | 2460.804           | 13.389                 | 94.085                  | 107.474                   | --             | --                | AVERAGE       |
| 4 | * | 2483.500           | 13.549                 | 38.934                  | 52.483                    | -1.517         | 54.000            | AVERAGE       |
| 5 |   | 2483.802           | 13.552                 | 38.700                  | 52.251                    | -1.749         | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 31.071                  | 44.730                    | -9.270         | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(40M)_ 2422MHz |

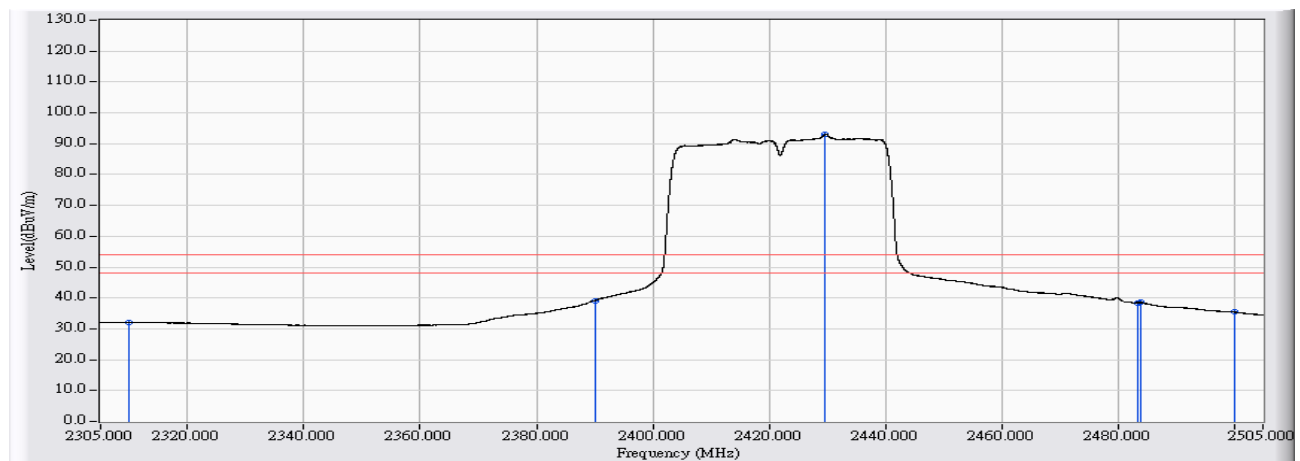


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 29.631                  | 42.070                    | -31.930        | 74.000            | PEAK          |
| 2 | * | 2389.731           | 12.914                 | 39.963                  | 52.877                    | -21.123        | 74.000            | PEAK          |
| 3 |   | 2390.000           | 12.915                 | 37.726                  | 50.642                    | -23.358        | 74.000            | PEAK          |
| 4 |   | 2429.468           | 13.174                 | 91.829                  | 105.004                   | --             | --                | PEAK          |
| 5 |   | 2483.500           | 13.549                 | 37.437                  | 50.986                    | -23.014        | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 32.212                  | 45.871                    | -28.129        | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(40M)_ 2422MHz |

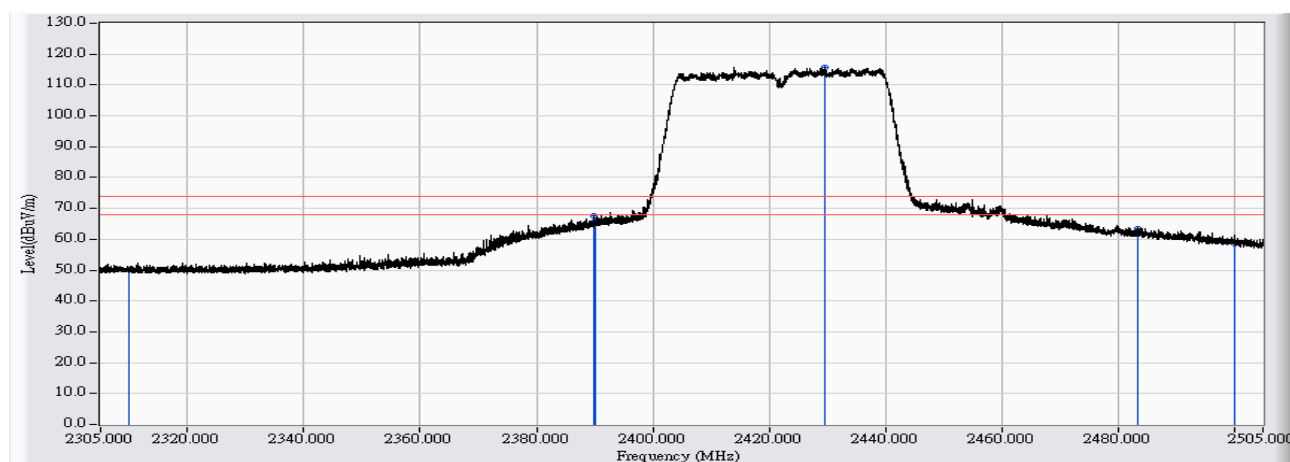


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 19.644                  | 32.083                    | -21.917        | 54.000            | AVERAGE       |
| 2 | * | 2390.000           | 12.915                 | 26.289                  | 39.205                    | -14.795        | 54.000            | AVERAGE       |
| 3 |   | 2429.687           | 13.176                 | 79.983                  | 93.159                    | --             | --                | AVERAGE       |
| 4 |   | 2483.500           | 13.549                 | 24.957                  | 38.506                    | -15.494        | 54.000            | AVERAGE       |
| 5 |   | 2483.862           | 13.552                 | 25.000                  | 38.552                    | -15.448        | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 21.743                  | 35.402                    | -18.598        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(40M)_ 2422MHz |

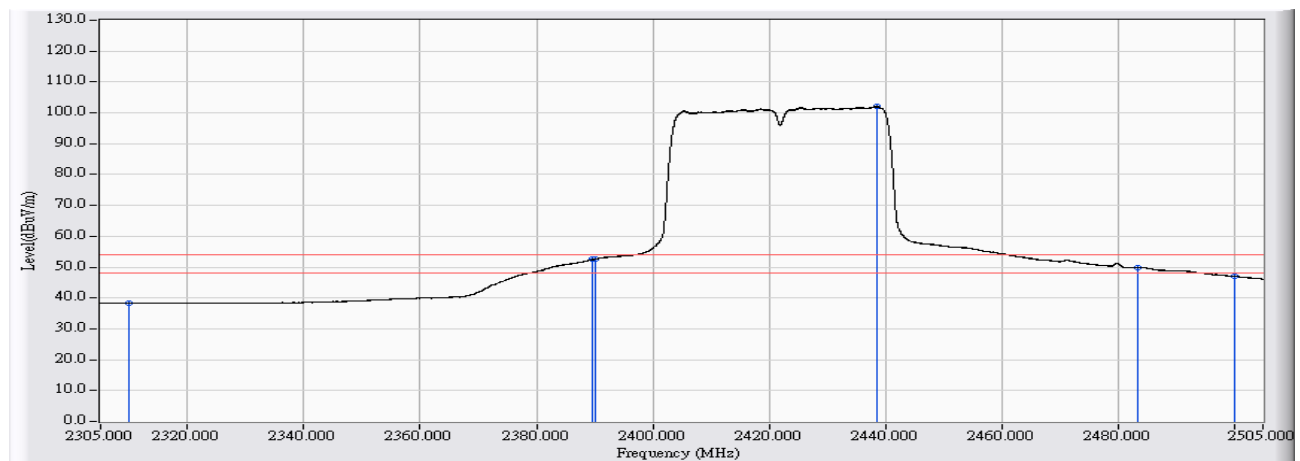


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 37.592               | 50.031                 | -23.969     | 74.000         | PEAK          |
| 2 | * 2389.852      | 12.914              | 54.574               | 67.489                 | -6.511      | 74.000         | PEAK          |
| 3 | 2390.000        | 12.915              | 52.922               | 65.838                 | -8.162      | 74.000         | PEAK          |
| 4 | 2429.728        | 13.176              | 102.587              | 115.763                | --          | --             | PEAK          |
| 5 | 2483.500        | 13.549              | 50.031               | 63.580                 | -10.420     | 74.000         | PEAK          |
| 6 | 2500.000        | 13.658              | 44.999               | 58.658                 | -15.342     | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(40M)_ 2422MHz |

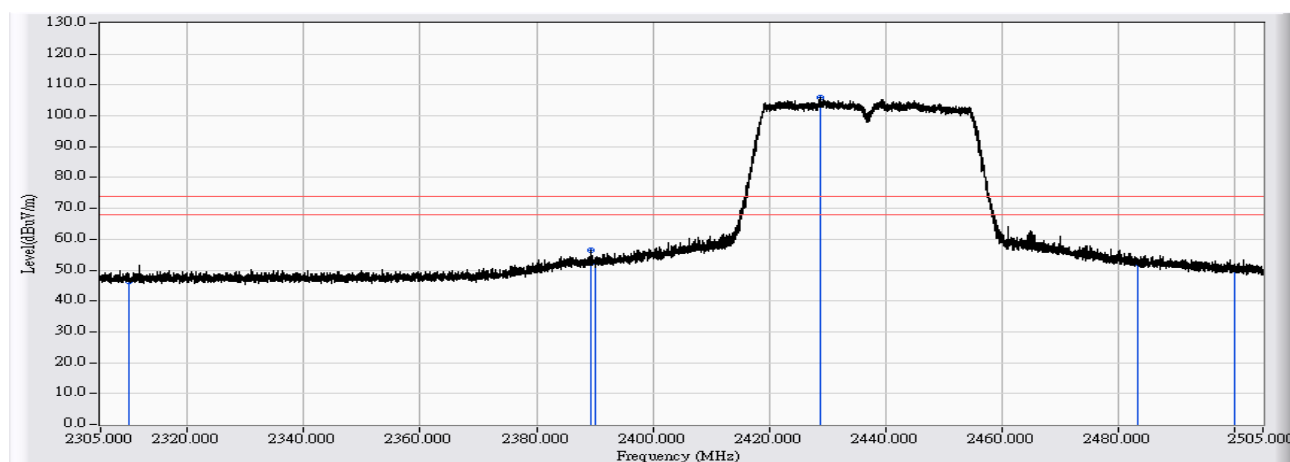


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 25.837               | 38.276                 | -15.724     | 54.000         | AVERAGE       |
| 2 | 2389.612        | 12.914              | 39.544               | 52.457                 | -1.543      | 54.000         | AVERAGE       |
| 3 | * 2390.000      | 12.915              | 39.664               | 52.580                 | -1.420      | 54.000         | AVERAGE       |
| 4 | 2438.507        | 13.236              | 88.873               | 102.109                | --          | --             | AVERAGE       |
| 5 | 2483.500        | 13.549              | 36.327               | 49.876                 | -4.124      | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 33.415               | 47.074                 | -6.926      | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(40M)_ 2437MHz |

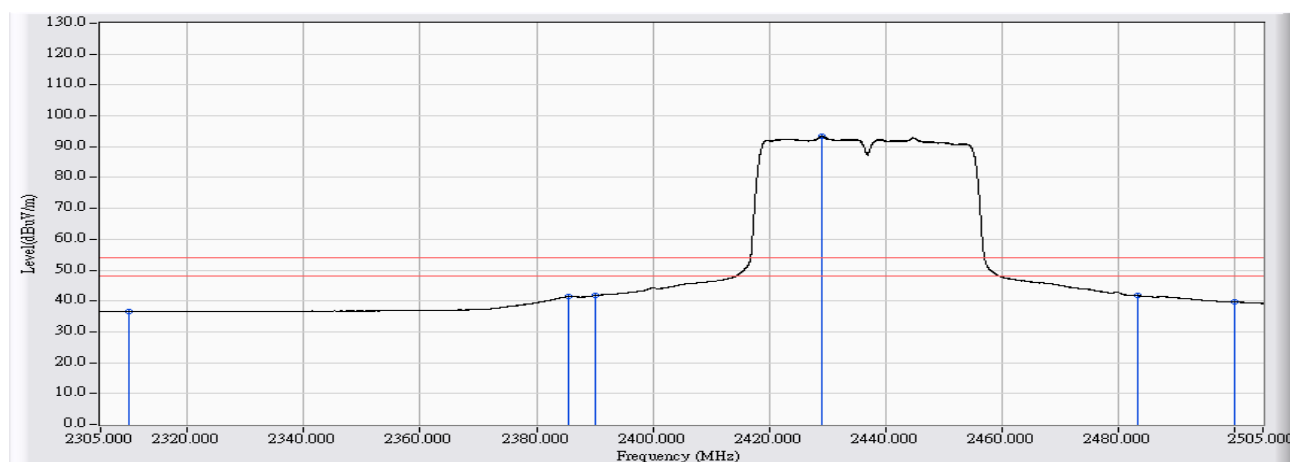


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 33.827                  | 46.266                    | -27.734        | 74.000            | PEAK          |
| 2 | * | 2389.392           | 12.913                 | 43.424                  | 56.336                    | -17.664        | 74.000            | PEAK          |
| 3 |   | 2390.000           | 12.915                 | 39.682                  | 52.598                    | -21.402        | 74.000            | PEAK          |
| 4 |   | 2428.768           | 13.170                 | 92.870                  | 106.040                   | --             | --                | PEAK          |
| 5 |   | 2483.500           | 13.549                 | 38.596                  | 52.145                    | -21.855        | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 36.653                  | 50.312                    | -23.688        | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(40M)_ 2437MHz |

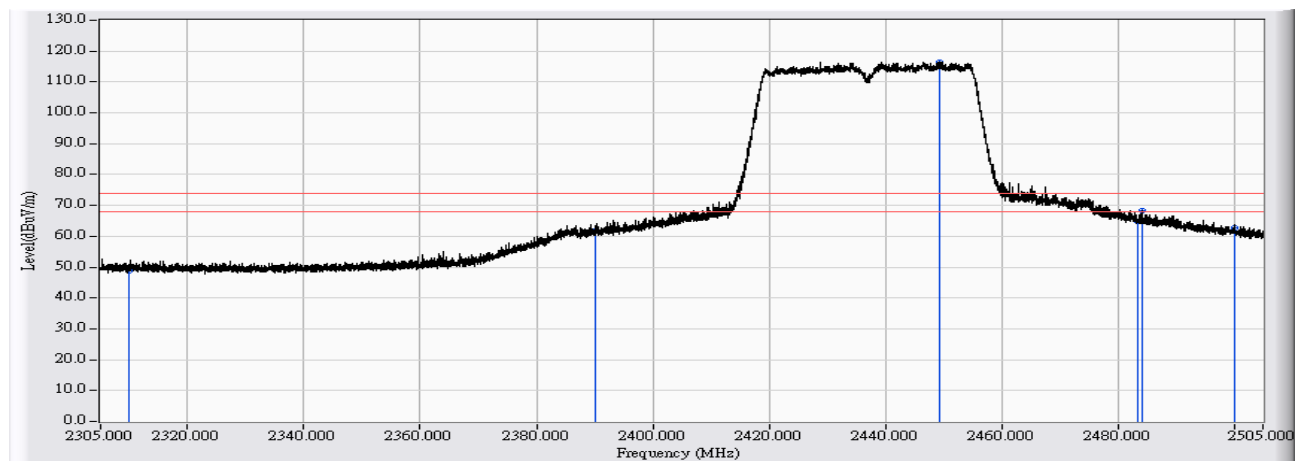


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 24.125               | 36.564                 | -17.436     | 54.000         | AVERAGE       |
| 2 | 2385.532        | 12.889              | 28.560               | 41.449                 | -12.551     | 54.000         | AVERAGE       |
| 3 | * 2390.000      | 12.915              | 28.827               | 41.743                 | -12.257     | 54.000         | AVERAGE       |
| 4 | 2429.088        | 13.173              | 80.327               | 93.499                 | --          | --             | AVERAGE       |
| 5 | 2483.500        | 13.549              | 28.113               | 41.662                 | -12.338     | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 26.013               | 39.672                 | -14.328     | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(40M)_ 2437MHz |

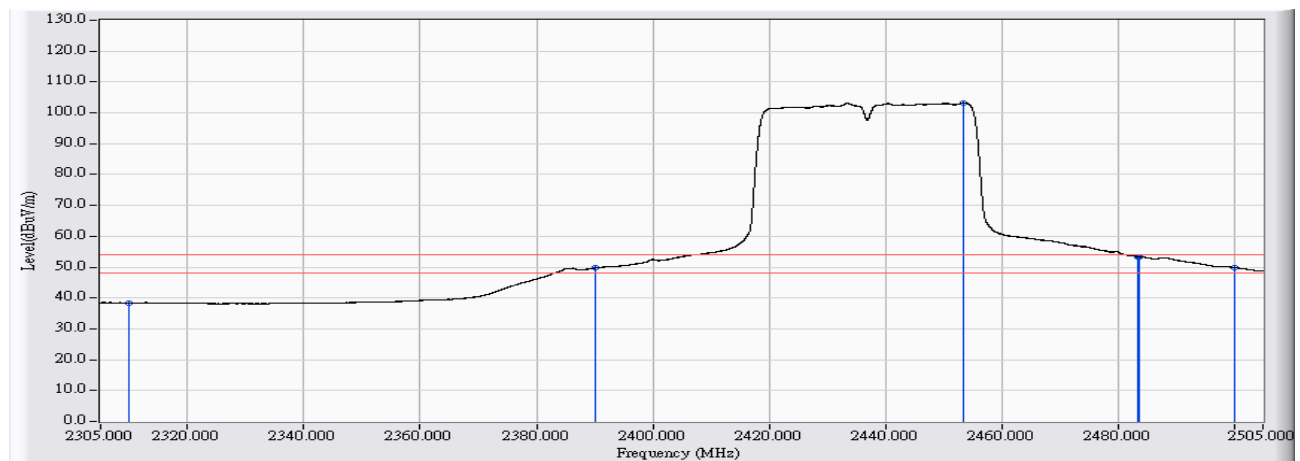


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 36.527                  | 48.966                    | -25.034        | 74.000            | PEAK          |
| 2 |   | 2390.000           | 12.915                 | 48.728                  | 61.644                    | -12.356        | 74.000            | PEAK          |
| 3 |   | 2449.365           | 13.310                 | 103.162                 | 116.471                   | --             | --                | PEAK          |
| 4 |   | 2483.500           | 13.549                 | 51.412                  | 64.961                    | -9.039         | 74.000            | PEAK          |
| 5 | * | 2484.122           | 13.553                 | 54.818                  | 68.371                    | -5.629         | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 49.118                  | 62.777                    | -11.223        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(40M)_ 2437MHz |

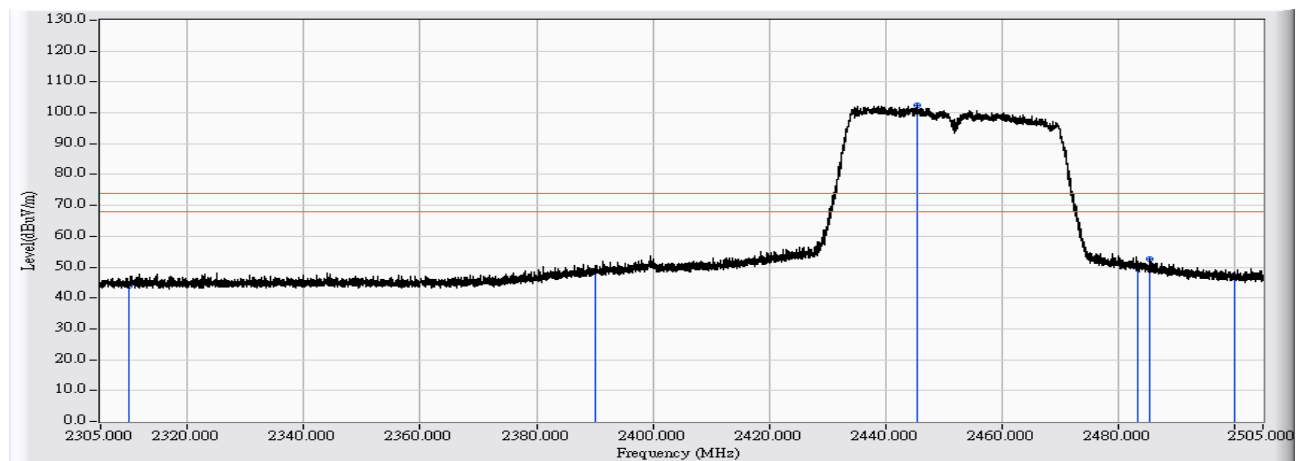


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 26.005               | 38.444                 | -15.556     | 54.000         | AVERAGE       |
| 2 | 2390.000        | 12.915              | 36.766               | 49.682                 | -4.318      | 54.000         | AVERAGE       |
| 3 | 2453.345        | 13.338              | 89.891               | 103.228                | --          | --             | AVERAGE       |
| 4 | * 2483.500      | 13.549              | 39.913               | 53.462                 | -0.538      | 54.000         | AVERAGE       |
| 5 | 2483.822        | 13.552              | 39.841               | 53.392                 | -0.608      | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 36.257               | 49.916                 | -4.084      | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(40M)_ 2452MHz |

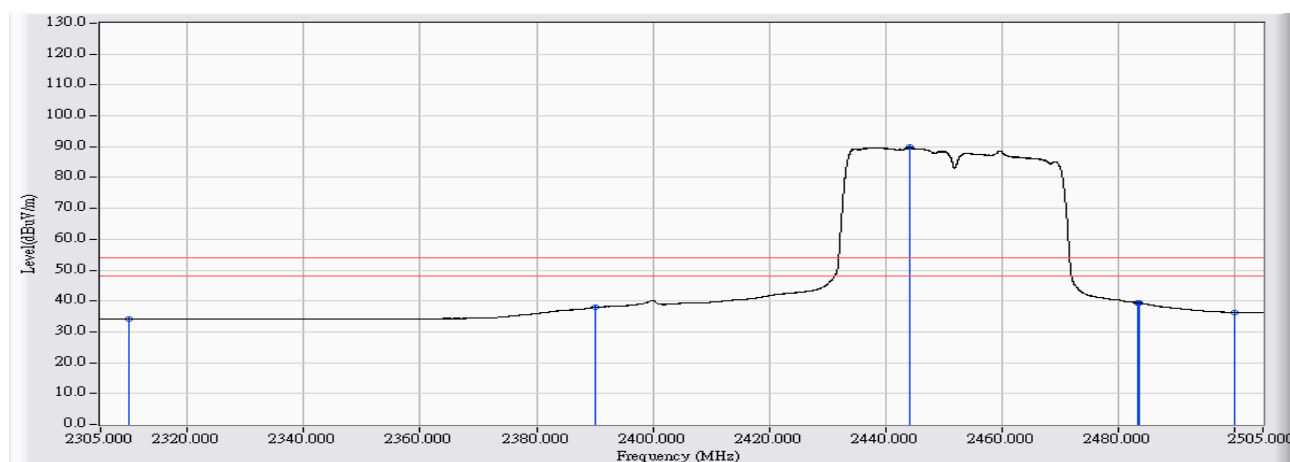


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 31.358                  | 43.797                    | -30.203        | 74.000            | PEAK          |
| 2 |   | 2390.000           | 12.915                 | 35.968                  | 48.884                    | -25.116        | 74.000            | PEAK          |
| 3 |   | 2445.526           | 13.283                 | 89.087                  | 102.370                   | --             | --                | PEAK          |
| 4 |   | 2483.500           | 13.549                 | 36.282                  | 49.831                    | -24.169        | 74.000            | PEAK          |
| 5 | * | 2485.422           | 13.563                 | 39.051                  | 52.614                    | -21.386        | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 33.446                  | 47.105                    | -26.895        | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(40M)_ 2452MHz |

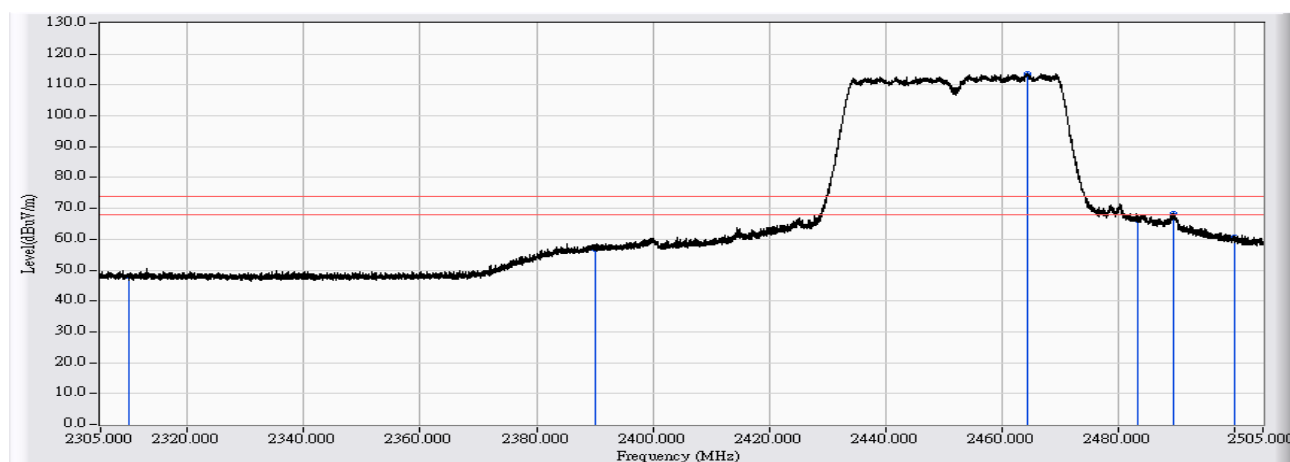


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 21.678                  | 34.117                    | -19.883        | 54.000            | AVERAGE       |
| 2 |   | 2390.000           | 12.915                 | 25.117                  | 38.033                    | -15.967        | 54.000            | AVERAGE       |
| 3 |   | 2444.106           | 13.274                 | 76.656                  | 89.930                    | --             | --                | AVERAGE       |
| 4 | * | 2483.500           | 13.549                 | 25.842                  | 39.391                    | -14.609        | 54.000            | AVERAGE       |
| 5 |   | 2483.602           | 13.549                 | 25.815                  | 39.365                    | -14.635        | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 22.601                  | 36.260                    | -17.740        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(40M)_ 2452MHz |

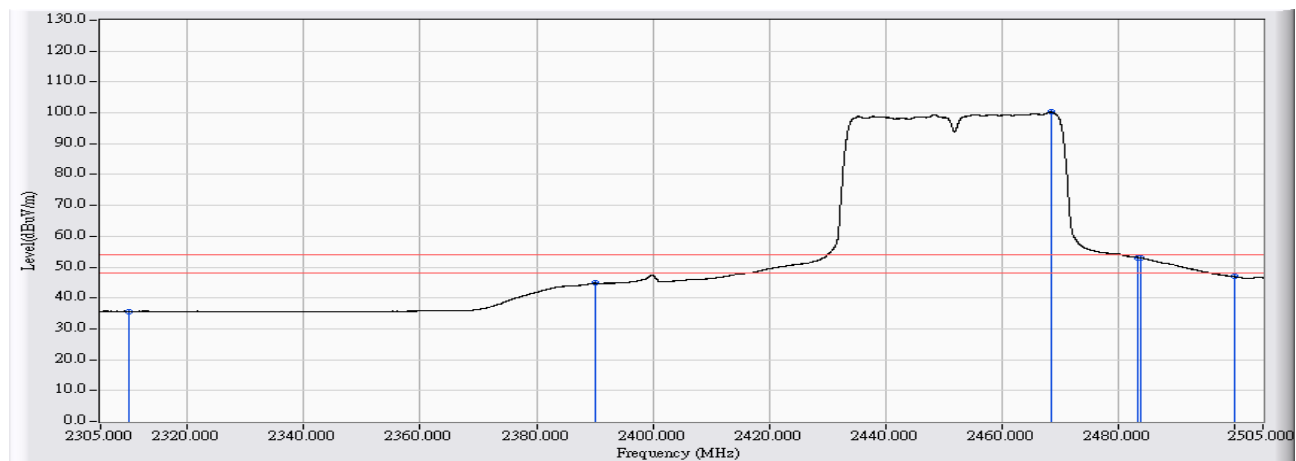


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 35.692                  | 48.131                    | -25.869        | 74.000            | PEAK          |
| 2 |   | 2390.000           | 12.915                 | 43.958                  | 56.874                    | -17.126        | 74.000            | PEAK          |
| 3 |   | 2464.604           | 13.417                 | 100.305                 | 113.721                   | --             | --                | PEAK          |
| 4 |   | 2483.500           | 13.549                 | 52.727                  | 66.276                    | -7.724         | 74.000            | PEAK          |
| 5 | * | 2489.741           | 13.593                 | 54.648                  | 68.241                    | -5.759         | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 47.147                  | 60.806                    | -13.194        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                        |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                               |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                     |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40)_ 802.11n(40M)_ 2452MHz |

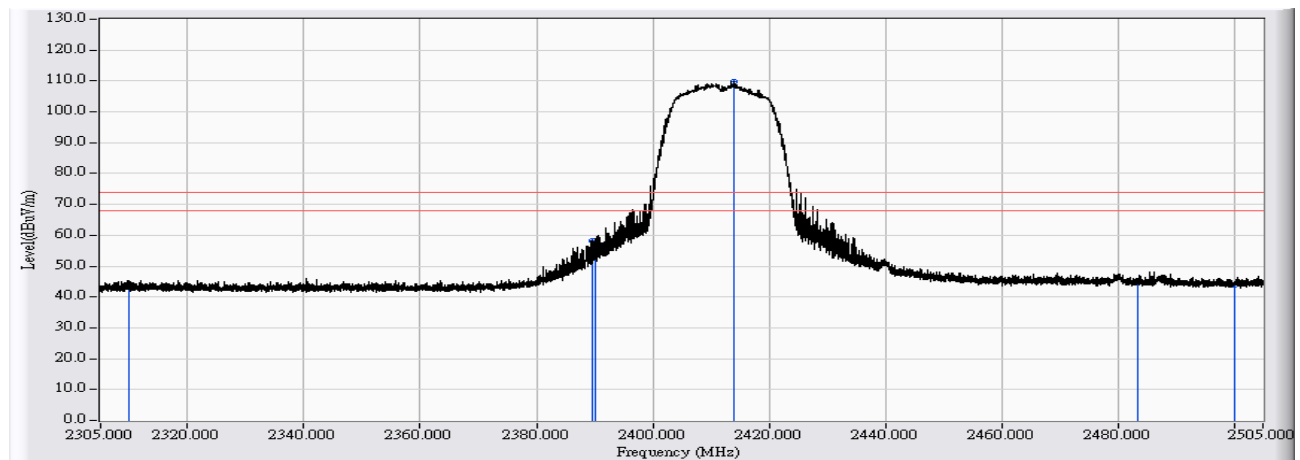


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 23.201               | 35.640                 | -18.360     | 54.000         | AVERAGE       |
| 2 | 2390.000        | 12.915              | 31.873               | 44.789                 | -9.211      | 54.000         | AVERAGE       |
| 3 | 2468.564        | 13.445              | 86.851               | 100.295                | --          | --             | AVERAGE       |
| 4 | * 2483.500      | 13.549              | 39.418               | 52.967                 | -1.033      | 54.000         | AVERAGE       |
| 5 | 2484.002        | 13.552              | 39.349               | 52.902                 | -1.098      | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 33.322               | 46.981                 | -7.019      | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/22                                                                                    |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(20M)_2412MHz |

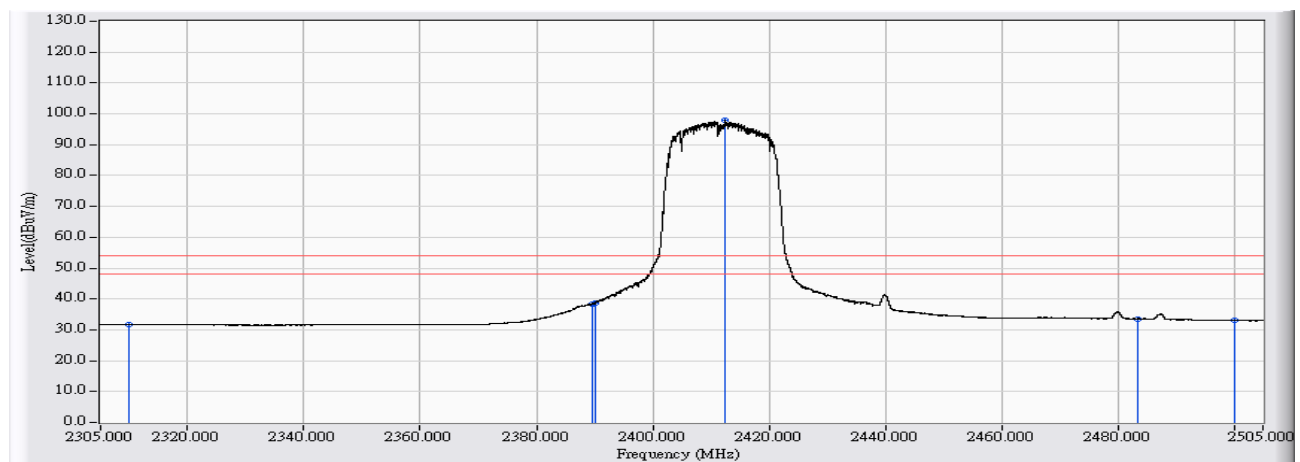


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 30.661                  | 43.100                    | -30.900        | 74.000            | PEAK          |
| 2 | * | 2389.671           | 12.914                 | 45.443                  | 58.357                    | -15.643        | 74.000            | PEAK          |
| 3 |   | 2390.000           | 12.915                 | 41.121                  | 54.037                    | -19.963        | 74.000            | PEAK          |
| 4 |   | 2413.869           | 13.069                 | 96.669                  | 109.738                   | --             | --                | PEAK          |
| 5 |   | 2483.500           | 13.549                 | 31.669                  | 45.218                    | -28.782        | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 30.101                  | 43.760                    | -30.240        | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/22                                                                                    |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(20M)_2412MHz |

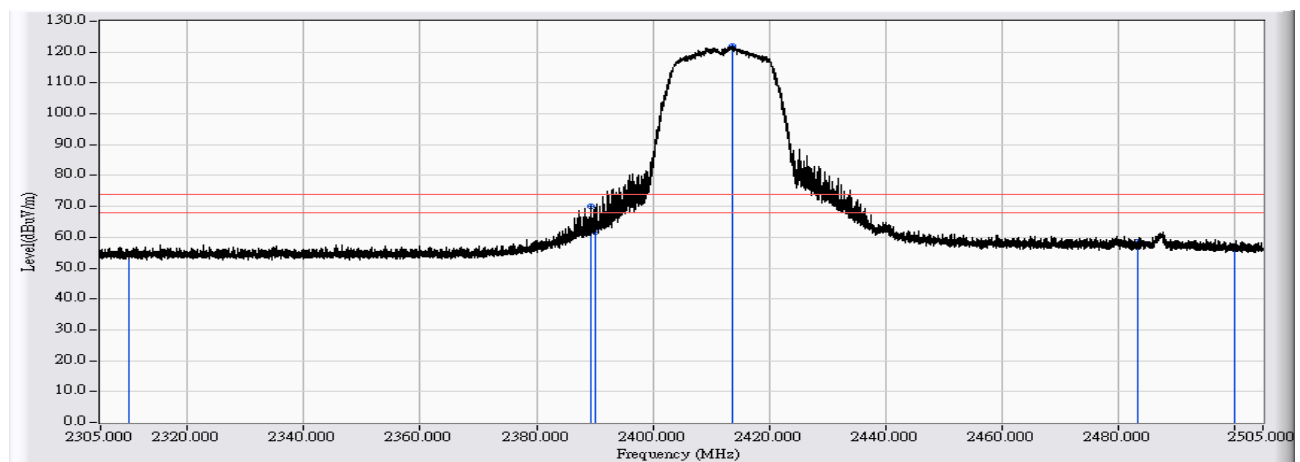


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 19.326               | 31.765                 | -22.235     | 54.000         | AVERAGE       |
| 2 | 2389.491        | 12.913              | 25.484               | 38.396                 | -15.604     | 54.000         | AVERAGE       |
| 3 | * 2390.000      | 12.915              | 25.816               | 38.732                 | -15.268     | 54.000         | AVERAGE       |
| 4 | 2412.529        | 13.060              | 84.859               | 97.919                 | --          | --             | AVERAGE       |
| 5 | 2483.500        | 13.549              | 20.034               | 33.583                 | -20.417     | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 19.381               | 33.040                 | -20.960     | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/22                                                                                    |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(20M)_2412MHz |

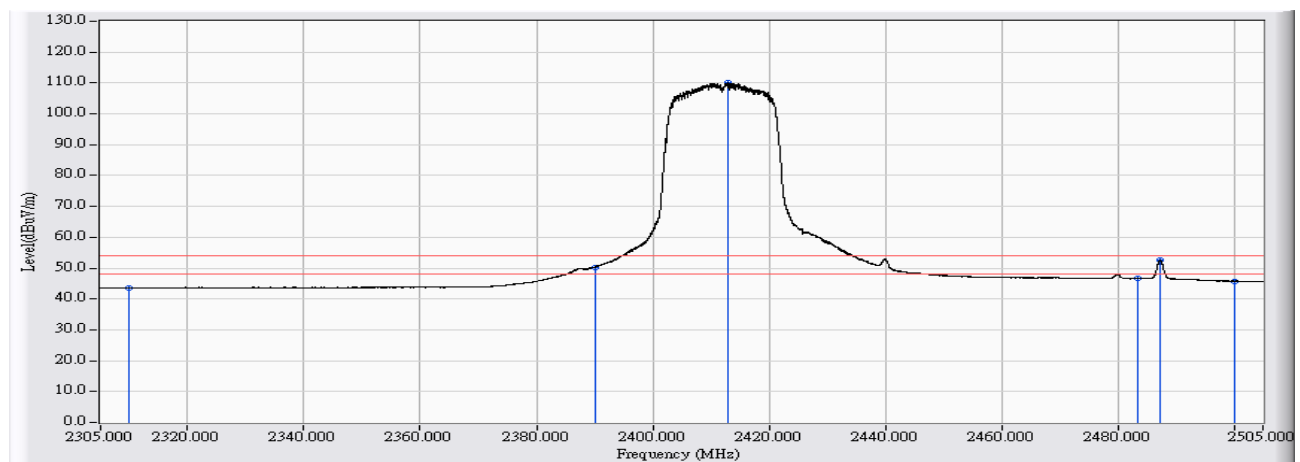


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 42.181                  | 54.620                    | -19.380        | 74.000            | PEAK          |
| 2 | * | 2389.471           | 12.913                 | 57.169                  | 70.081                    | -3.919         | 74.000            | PEAK          |
| 3 |   | 2390.000           | 12.915                 | 48.870                  | 61.786                    | -12.214        | 74.000            | PEAK          |
| 4 |   | 2413.629           | 13.067                 | 108.752                 | 121.819                   | --             | --                | PEAK          |
| 5 |   | 2483.500           | 13.549                 | 44.910                  | 58.459                    | -15.541        | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 43.359                  | 57.018                    | -16.982        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/22                                                                                     |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                                            |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                                  |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 3: Tx_AD P: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(20M)_2412MHz |

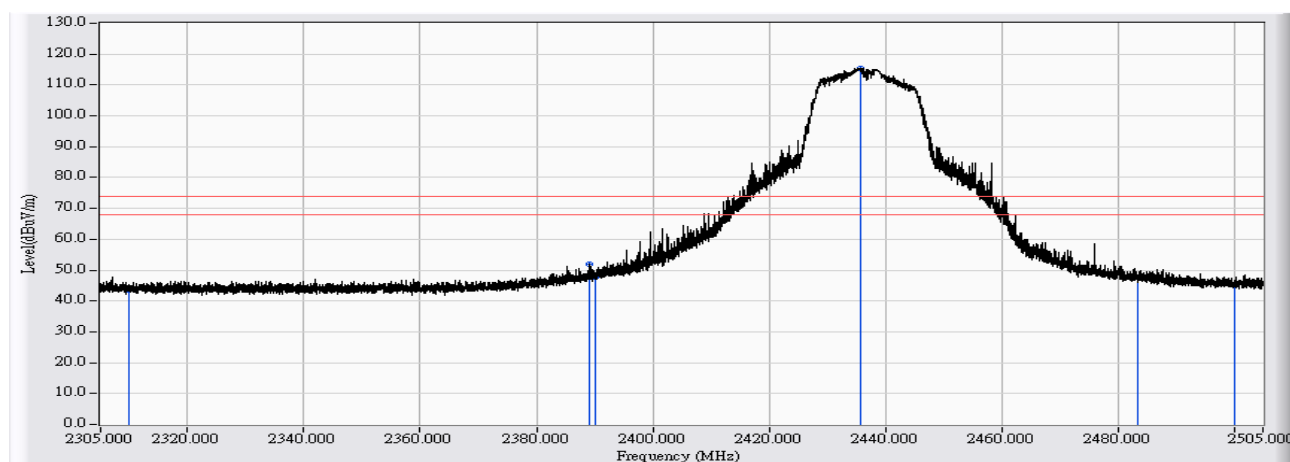


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 31.240                  | 43.679                    | -10.321        | 54.000            | AVERAGE       |
| 2 |   | 2390.000           | 12.915                 | 37.404                  | 50.320                    | -3.680         | 54.000            | AVERAGE       |
| 3 |   | 2412.869           | 13.061                 | 96.945                  | 110.007                   | --             | --                | AVERAGE       |
| 4 |   | 2483.500           | 13.549                 | 33.127                  | 46.676                    | -7.324         | 54.000            | AVERAGE       |
| 5 | * | 2487.262           | 13.575                 | 39.006                  | 52.581                    | -1.419         | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 32.155                  | 45.814                    | -8.186         | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                                    |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(20M)_2437MHz |

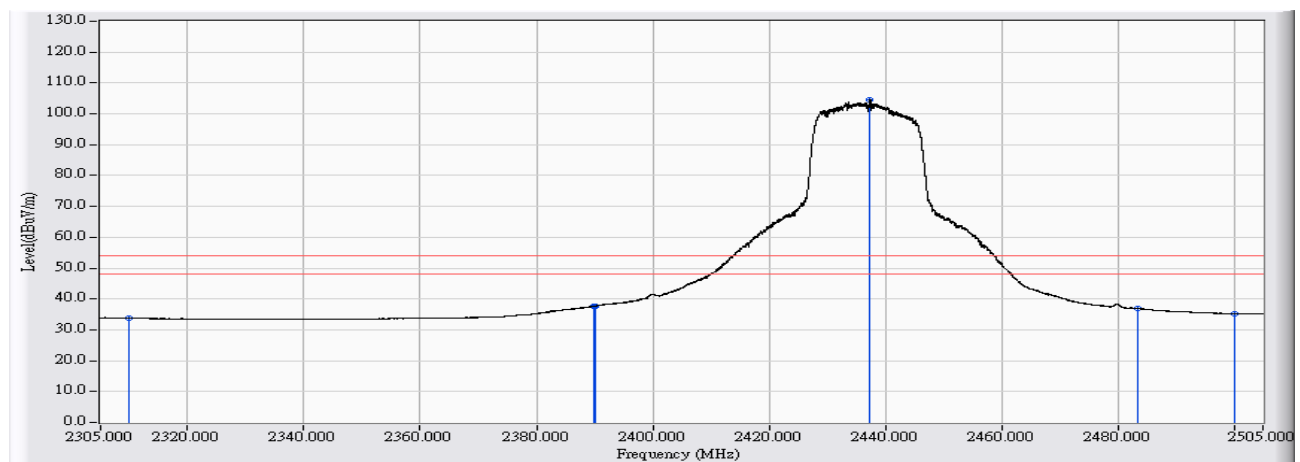


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 31.109                  | 43.548                    | -30.452        | 74.000            | PEAK          |
| 2 | * | 2389.092           | 12.910                 | 38.947                  | 51.857                    | -22.143        | 74.000            | PEAK          |
| 3 |   | 2390.000           | 12.915                 | 34.932                  | 47.848                    | -26.152        | 74.000            | PEAK          |
| 4 |   | 2435.747           | 13.218                 | 102.243                 | 115.460                   | --             | --                | PEAK          |
| 5 |   | 2483.500           | 13.549                 | 34.059                  | 47.608                    | -26.392        | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 31.258                  | 44.917                    | -29.083        | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                                    |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(20M)_2437MHz |

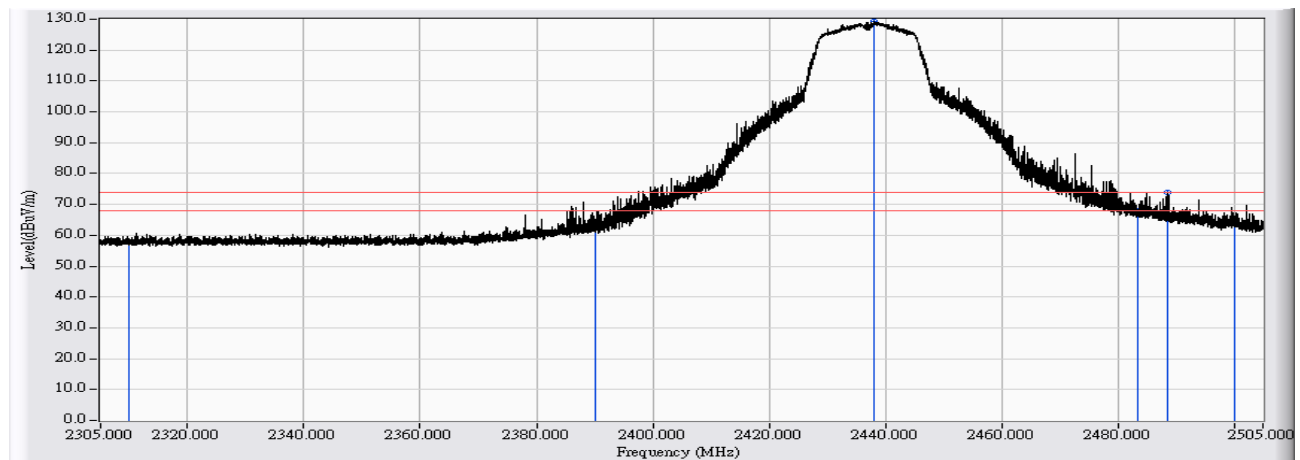


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 21.272                  | 33.711                    | -20.289        | 54.000            | AVERAGE       |
| 2 | * | 2389.812           | 12.914                 | 24.770                  | 37.684                    | -16.316        | 54.000            | AVERAGE       |
| 3 |   | 2390.000           | 12.915                 | 24.752                  | 37.668                    | -16.332        | 54.000            | AVERAGE       |
| 4 |   | 2437.367           | 13.229                 | 91.365                  | 104.593                   | --             | --                | AVERAGE       |
| 5 |   | 2483.500           | 13.549                 | 23.273                  | 36.822                    | -17.178        | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 21.628                  | 35.287                    | -18.713        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                                     |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                                            |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                                  |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 3: Tx_AD P: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(20M)_2437MHz |

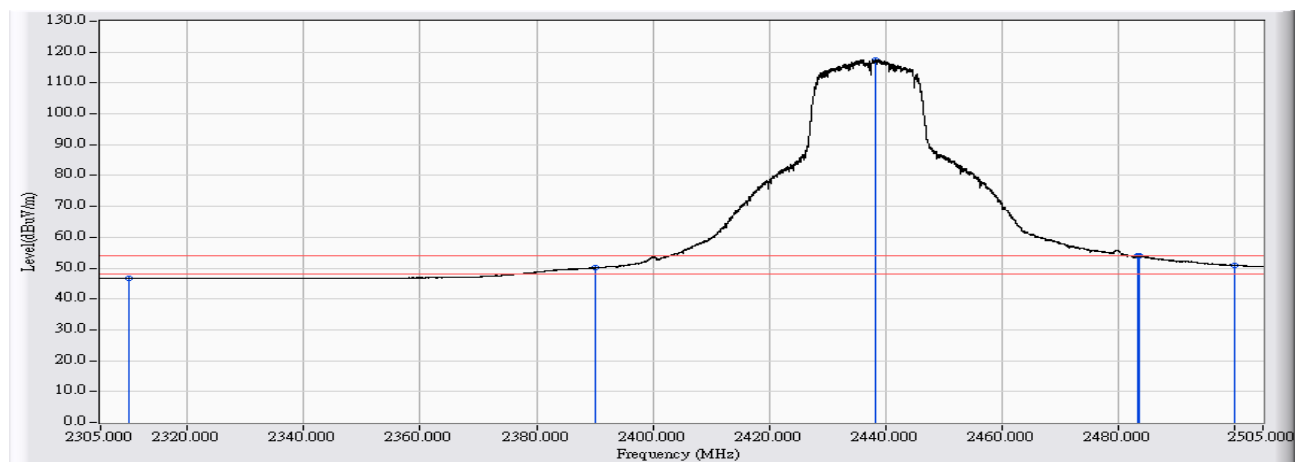


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 45.333                  | 57.772                    | -16.228        | 74.000            | AVERAGE       |
| 2 |   | 2390.000           | 12.915                 | 50.369                  | 63.285                    | -10.715        | 74.000            | AVERAGE       |
| 3 |   | 2438.087           | 13.232                 | 116.170                 | 129.403                   | --             | --                | AVERAGE       |
| 4 |   | 2483.500           | 13.549                 | 54.520                  | 68.069                    | -5.931         | 74.000            | AVERAGE       |
| 5 | * | 2488.702           | 13.586                 | 60.136                  | 73.722                    | -0.278         | 74.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 50.271                  | 63.930                    | -10.070        | 74.000            | AVERAGE       |

## Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                                    |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(20M)_2437MHz |

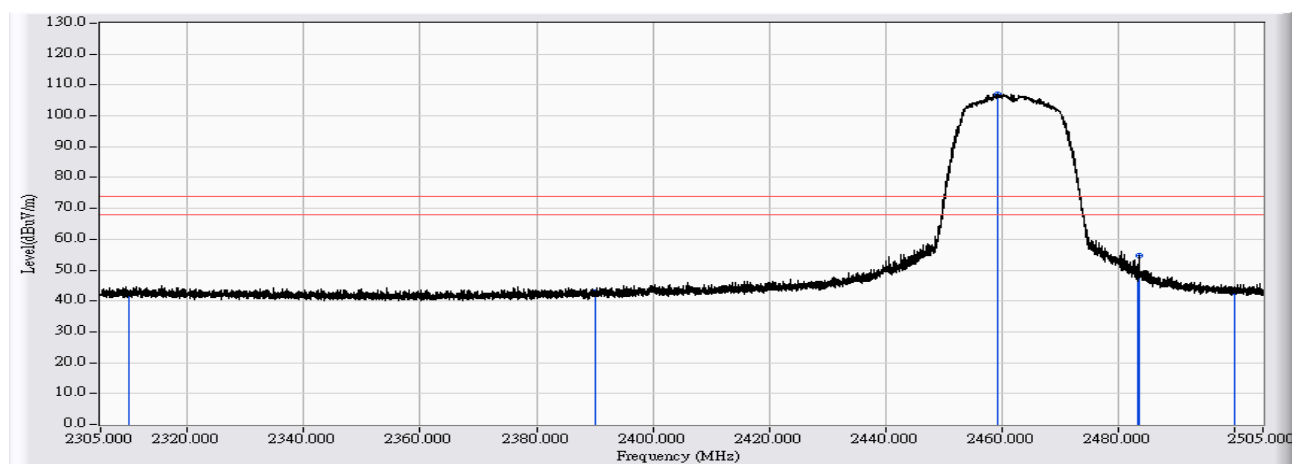


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 34.262                  | 46.701                    | -7.299         | 54.000            | AVERAGE       |
| 2 |   | 2390.000           | 12.915                 | 37.138                  | 50.054                    | -3.946         | 54.000            | AVERAGE       |
| 3 |   | 2438.367           | 13.235                 | 104.351                 | 117.586                   | --             | --                | AVERAGE       |
| 4 | * | 2483.500           | 13.549                 | 40.336                  | 53.885                    | -0.115         | 54.000            | AVERAGE       |
| 5 |   | 2483.722           | 13.551                 | 40.302                  | 53.853                    | -0.147         | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 37.333                  | 50.992                    | -3.008         | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                               |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                                      |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                            |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 3: Tx_AD P: AD890326010-2LF_ Beamforming Mode (802.11 n20/40)_ 802.11n(20M)_2462MHz |

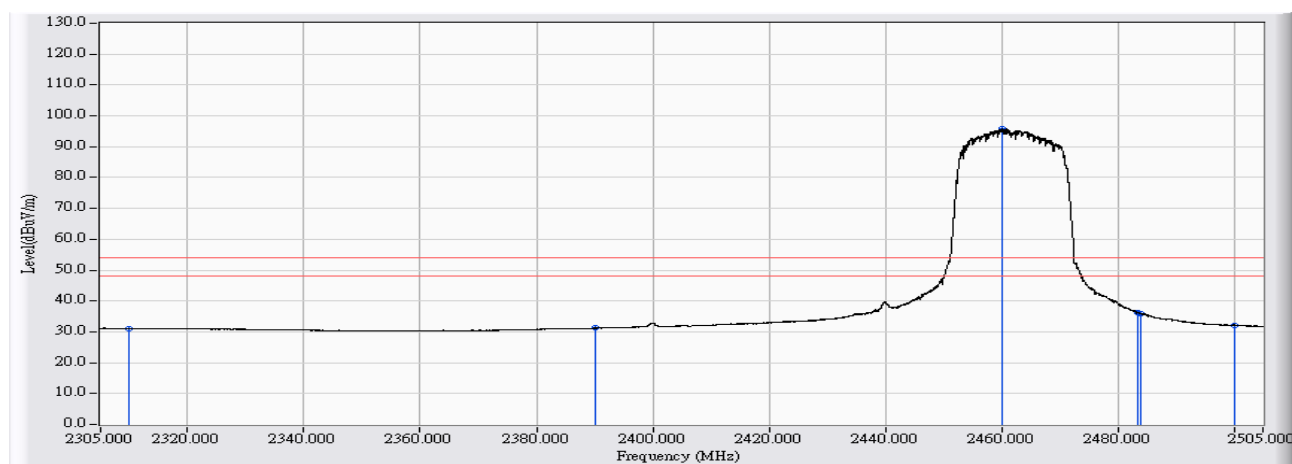


|   |   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 |   | 2310.000        | 12.439              | 30.118               | 42.557                 | -31.443     | 74.000         | PEAK          |
| 2 |   | 2390.000        | 12.915              | 30.033               | 42.949                 | -31.051     | 74.000         | PEAK          |
| 3 |   | 2459.304        | 13.379              | 93.640               | 107.019                | --          | --             | PEAK          |
| 4 |   | 2483.500        | 13.549              | 34.672               | 48.221                 | -25.779     | 74.000         | PEAK          |
| 5 | * | 2483.662        | 13.550              | 41.187               | 54.737                 | -19.263     | 74.000         | PEAK          |
| 6 |   | 2500.000        | 13.658              | 29.350               | 43.009                 | -30.991     | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                                    |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(20M)_2462MHz |

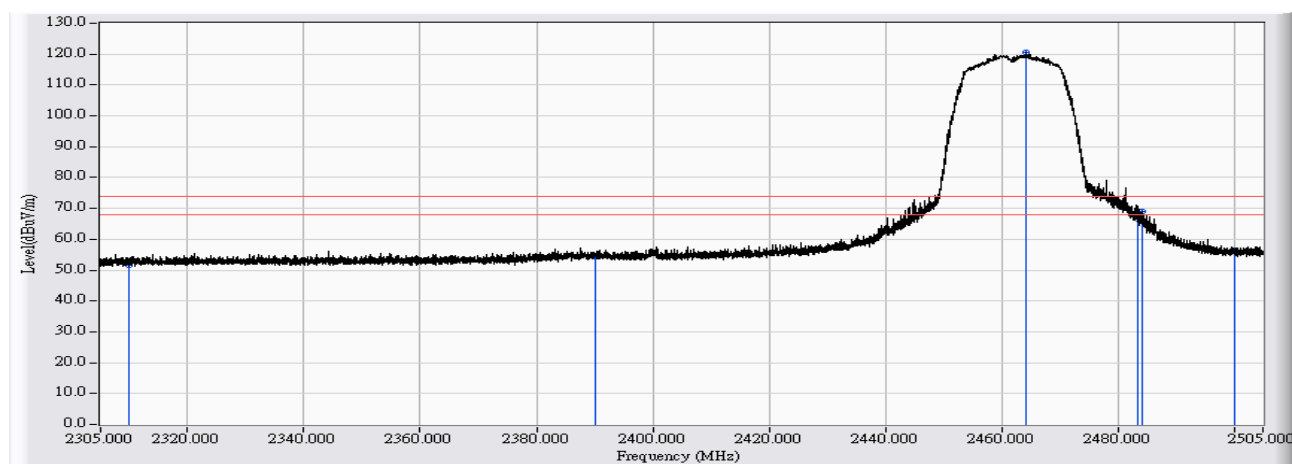


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 18.596                  | 31.035                    | -22.965        | 54.000            | AVERAGE       |
| 2 |   | 2390.000           | 12.915                 | 18.278                  | 31.194                    | -22.806        | 54.000            | AVERAGE       |
| 3 |   | 2460.064           | 13.384                 | 82.476                  | 95.860                    | --             | --                | AVERAGE       |
| 4 | * | 2483.500           | 13.549                 | 22.735                  | 36.284                    | -17.716        | 54.000            | AVERAGE       |
| 5 |   | 2483.862           | 13.552                 | 22.400                  | 35.952                    | -18.048        | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 18.510                  | 32.169                    | -21.831        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                                    |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(20M)_2462MHz |

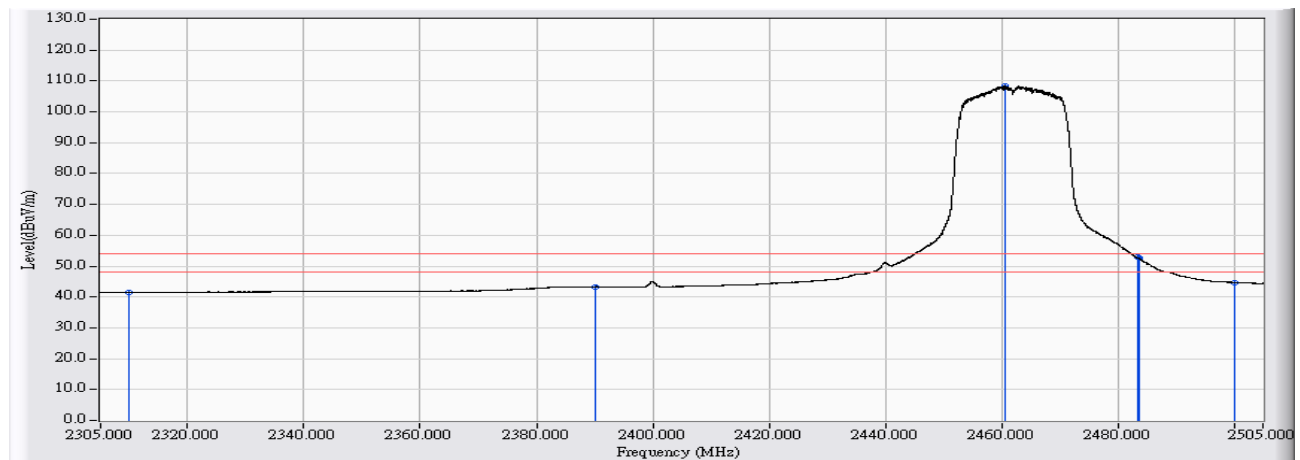


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 39.299                  | 51.738                    | -22.262        | 74.000            | PEAK          |
| 2 |   | 2390.000           | 12.915                 | 41.506                  | 54.422                    | -19.578        | 74.000            | PEAK          |
| 3 |   | 2464.344           | 13.415                 | 107.128                 | 120.542                   | --             | --                | PEAK          |
| 4 |   | 2483.500           | 13.549                 | 53.164                  | 66.713                    | -7.287         | 74.000            | PEAK          |
| 5 | * | 2484.182           | 13.554                 | 55.569                  | 69.123                    | -4.877         | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 42.751                  | 56.410                    | -17.590        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                                    |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(20M)_2462MHz |

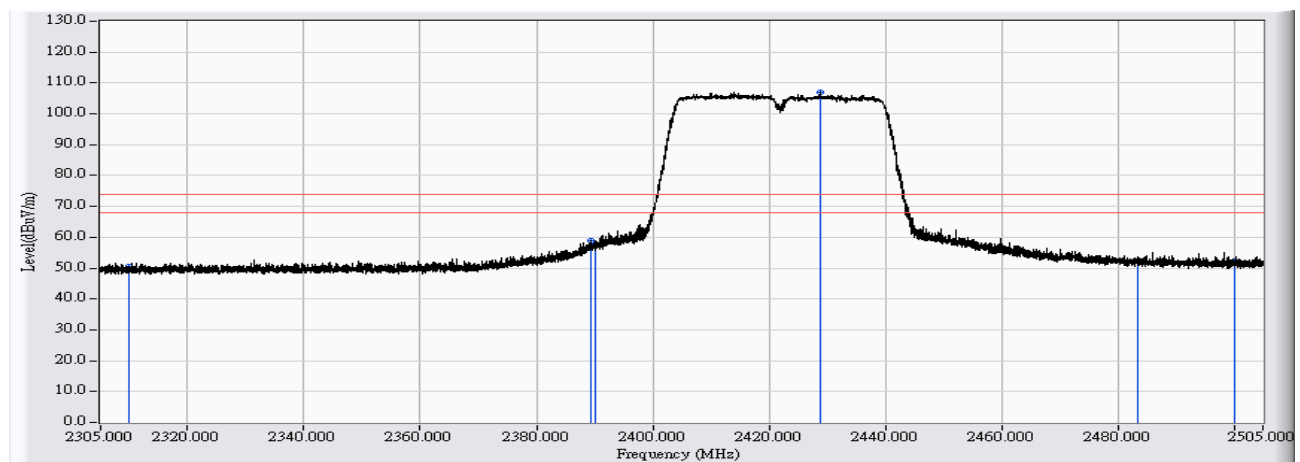


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 29.064                  | 41.503                    | -12.497        | 54.000            | AVERAGE       |
| 2 |   | 2390.000           | 12.915                 | 30.422                  | 43.338                    | -10.662        | 54.000            | AVERAGE       |
| 3 |   | 2460.524           | 13.388                 | 94.909                  | 108.296                   | --             | --                | AVERAGE       |
| 4 | * | 2483.500           | 13.549                 | 39.311                  | 52.860                    | -1.140         | 54.000            | AVERAGE       |
| 5 |   | 2483.602           | 13.549                 | 38.944                  | 52.494                    | -1.506         | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 31.072                  | 44.731                    | -9.269         | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                                |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                                       |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                             |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 3: Tx_AD P: AD890326010-2LF_ Beamforming Mode (802.11 n20/40)_ 802.11n(40M)_ 2422MHz |

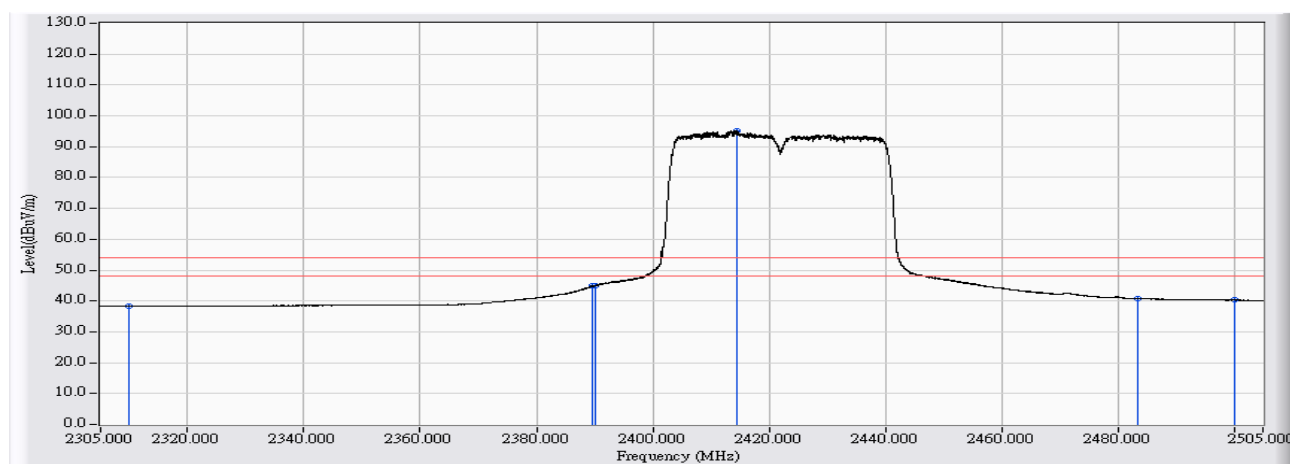


|   |   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 |   | 2310.000        | 12.439              | 37.950               | 50.389                 | -23.611     | 74.000         | PEAK          |
| 2 | * | 2389.271        | 12.910              | 45.881               | 58.792                 | -15.208     | 74.000         | PEAK          |
| 3 |   | 2390.000        | 12.915              | 44.901               | 57.817                 | -16.183     | 74.000         | PEAK          |
| 4 |   | 2428.927        | 13.171              | 93.937               | 107.108                | --          | --             | PEAK          |
| 5 |   | 2483.500        | 13.549              | 38.804               | 52.353                 | -21.647     | 74.000         | PEAK          |
| 6 |   | 2500.000        | 13.658              | 38.575               | 52.234                 | -21.766     | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                                    |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(40M)_2422MHz |

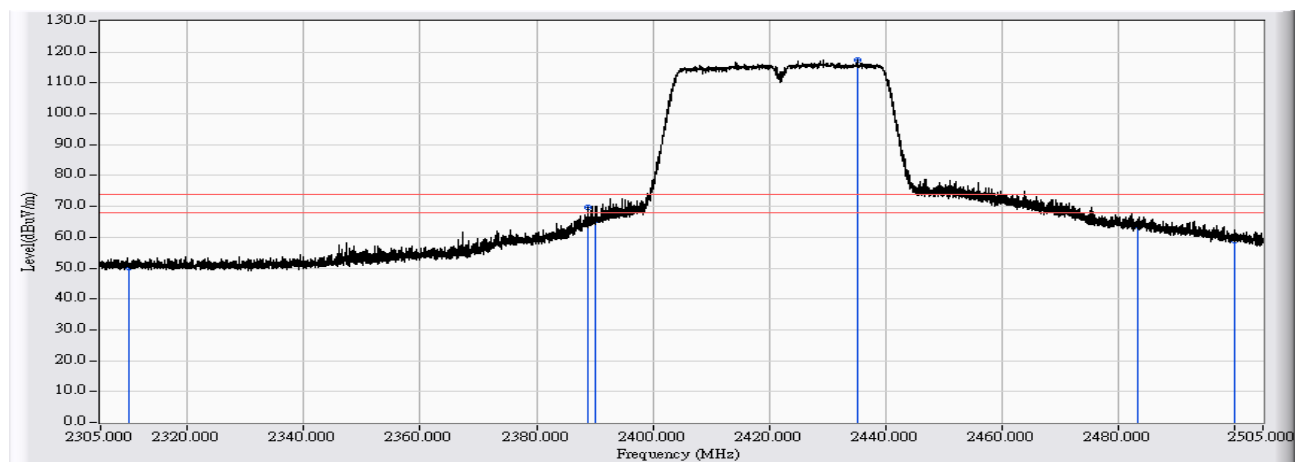


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 25.951               | 38.390                 | -15.610     | 54.000         | AVERAGE       |
| 2 | 2389.491        | 12.913              | 31.938               | 44.850                 | -9.150      | 54.000         | AVERAGE       |
| 3 | * 2390.000      | 12.915              | 31.986               | 44.902                 | -9.098      | 54.000         | AVERAGE       |
| 4 | 2414.509        | 13.073              | 82.210               | 95.283                 | --          | --             | AVERAGE       |
| 5 | 2483.500        | 13.549              | 27.220               | 40.769                 | -13.231     | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 26.618               | 40.277                 | -13.723     | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                                    |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(40M)_2422MHz |

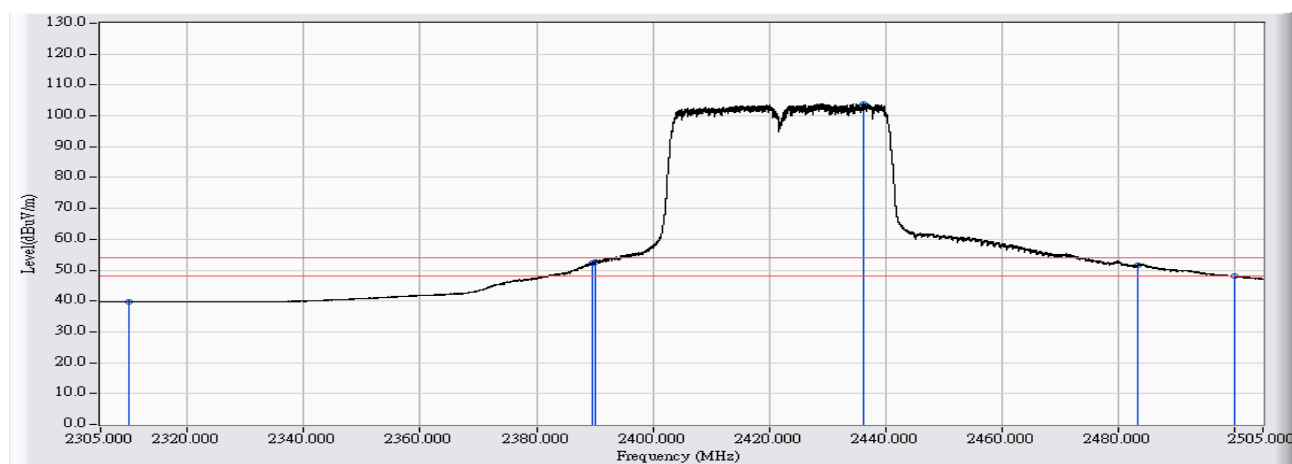


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 37.639                  | 50.078                    | -23.922        | 74.000            | PEAK          |
| 2 | * | 2388.812           | 12.909                 | 56.892                  | 69.800                    | -4.200         | 74.000            | PEAK          |
| 3 |   | 2390.000           | 12.915                 | 52.678                  | 65.594                    | -8.406         | 74.000            | PEAK          |
| 4 |   | 2435.147           | 13.214                 | 104.392                 | 117.605                   | --             | --                | PEAK          |
| 5 |   | 2483.500           | 13.549                 | 50.062                  | 63.611                    | -10.389        | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 45.398                  | 59.057                    | -14.943        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                                    |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(40M)_2422MHz |

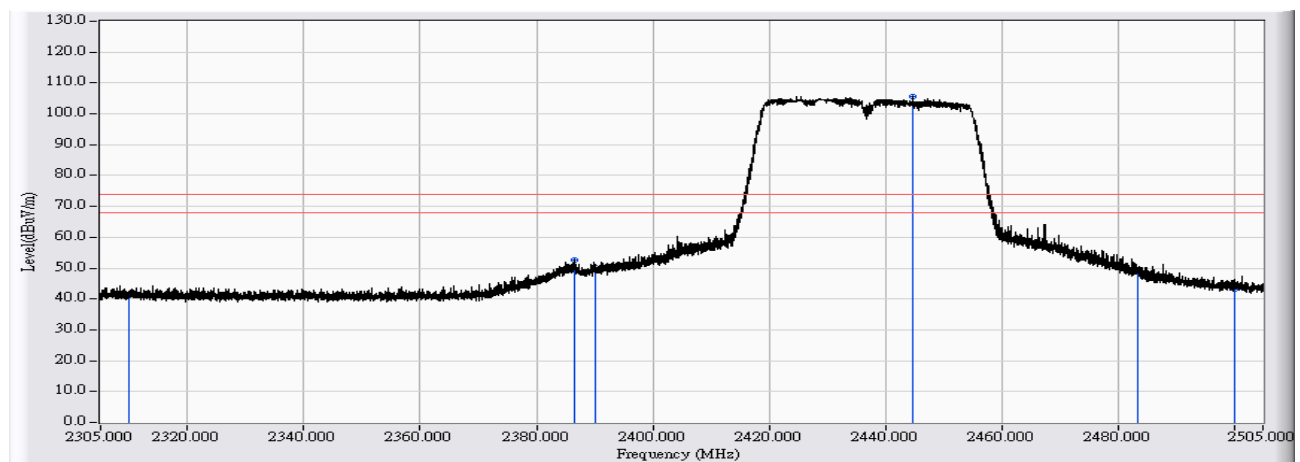


|   | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|-----------------|---------------------|----------------------|------------------------|-------------|----------------|---------------|
| 1 | 2310.000        | 12.439              | 27.260               | 39.699                 | -14.301     | 54.000         | AVERAGE       |
| 2 | 2389.611        | 12.914              | 39.534               | 52.447                 | -1.553      | 54.000         | AVERAGE       |
| 3 | * 2390.000      | 12.915              | 39.789               | 52.705                 | -1.295      | 54.000         | AVERAGE       |
| 4 | 2436.307        | 13.221              | 90.671               | 103.892                | --          | --             | AVERAGE       |
| 5 | 2483.500        | 13.549              | 37.996               | 51.545                 | -2.455      | 54.000         | AVERAGE       |
| 6 | 2500.000        | 13.658              | 34.453               | 48.112                 | -5.888      | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                                    |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(40M)_2437MHz |

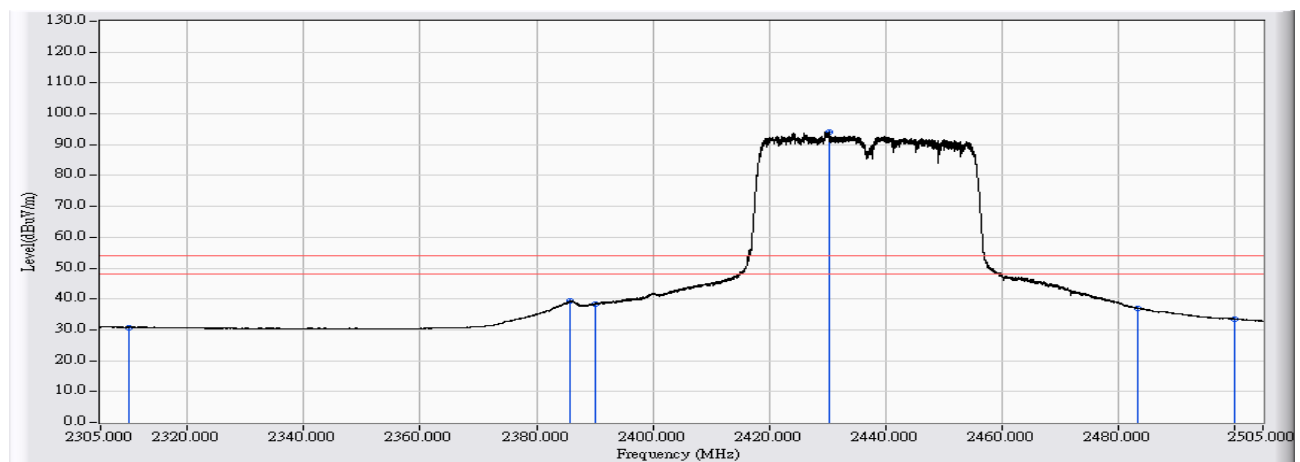


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 28.684                  | 41.123                    | -32.877        | 74.000            | PEAK          |
| 2 | * | 2386.612           | 12.895                 | 39.769                  | 52.664                    | -21.336        | 74.000            | PEAK          |
| 3 |   | 2390.000           | 12.915                 | 37.445                  | 50.361                    | -23.639        | 74.000            | PEAK          |
| 4 |   | 2444.746           | 13.278                 | 92.330                  | 105.608                   | --             | --                | PEAK          |
| 5 |   | 2483.500           | 13.549                 | 35.119                  | 48.668                    | -25.332        | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 29.561                  | 43.220                    | -30.780        | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                                    |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(40M)_2437MHz |

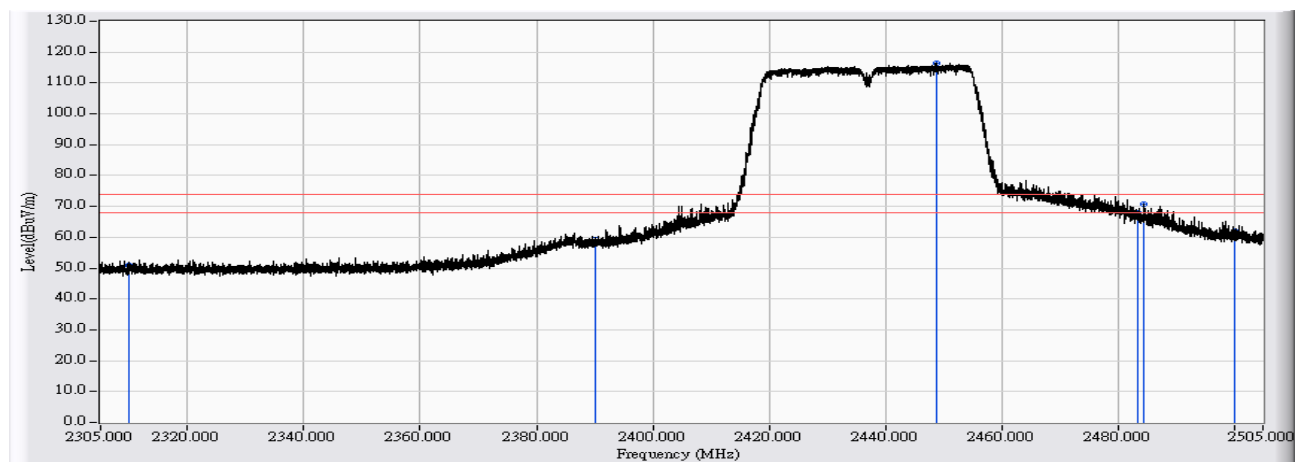


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 18.396                  | 30.835                    | -23.165        | 54.000            | AVERAGE       |
| 2 | * | 2385.852           | 12.890                 | 26.421                  | 39.312                    | -14.688        | 54.000            | AVERAGE       |
| 3 |   | 2390.000           | 12.915                 | 25.330                  | 38.246                    | -15.754        | 54.000            | AVERAGE       |
| 4 |   | 2430.267           | 13.180                 | 81.053                  | 94.233                    | --             | --                | AVERAGE       |
| 5 |   | 2483.500           | 13.549                 | 23.324                  | 36.873                    | -17.127        | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 19.961                  | 33.620                    | -20.380        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                                    |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(40M)_2437MHz |

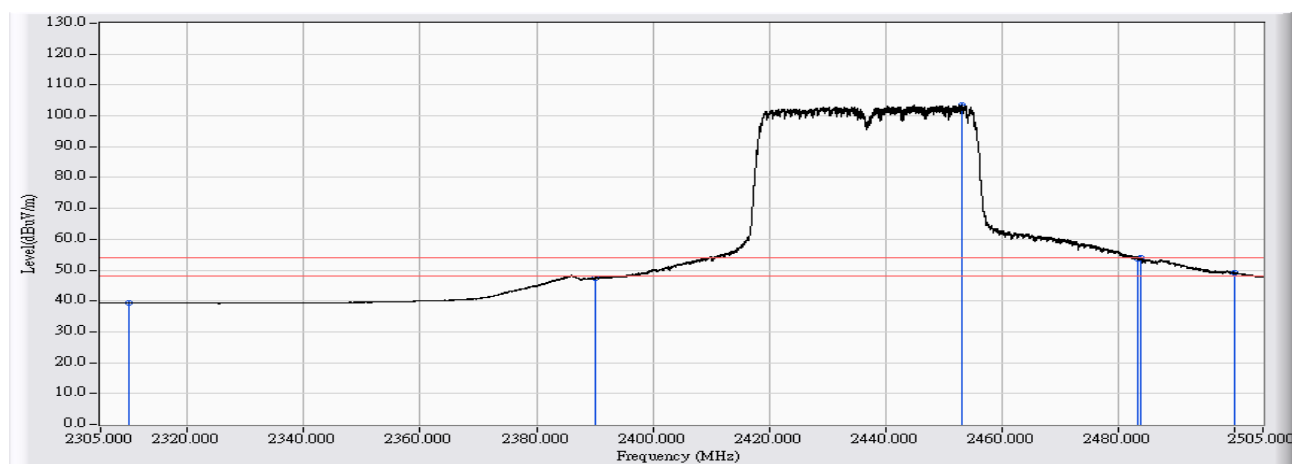


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 38.368                  | 50.807                    | -23.193        | 74.000            | PEAK          |
| 2 |   | 2390.000           | 12.915                 | 46.209                  | 59.125                    | -14.875        | 74.000            | PEAK          |
| 3 |   | 2448.926           | 13.306                 | 103.000                 | 116.306                   | --             | --                | PEAK          |
| 4 |   | 2483.500           | 13.549                 | 54.482                  | 68.031                    | -5.969         | 74.000            | PEAK          |
| 5 | * | 2484.582           | 13.556                 | 57.139                  | 70.696                    | -3.304         | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 48.395                  | 62.054                    | -11.946        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                                    |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(40M)_2437MHz |

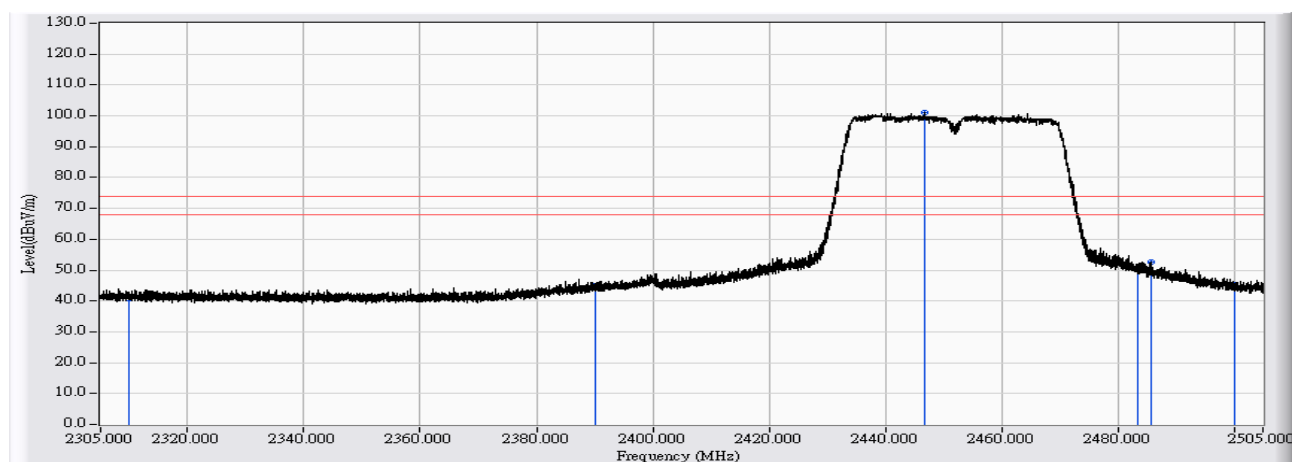


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 26.944                  | 39.383                    | -14.617        | 54.000            | AVERAGE       |
| 2 |   | 2390.000           | 12.915                 | 34.349                  | 47.265                    | -6.735         | 54.000            | AVERAGE       |
| 3 |   | 2453.165           | 13.335                 | 90.213                  | 103.549                   | --             | --                | AVERAGE       |
| 4 |   | 2483.500           | 13.549                 | 40.060                  | 53.609                    | -0.391         | 54.000            | AVERAGE       |
| 5 | * | 2483.862           | 13.552                 | 40.351                  | 53.903                    | -0.097         | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 35.393                  | 49.052                    | -4.948         | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                                    |
| Limit : FCC_SpartC_15.209_03M_PK                        | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(40M)_2452MHz |

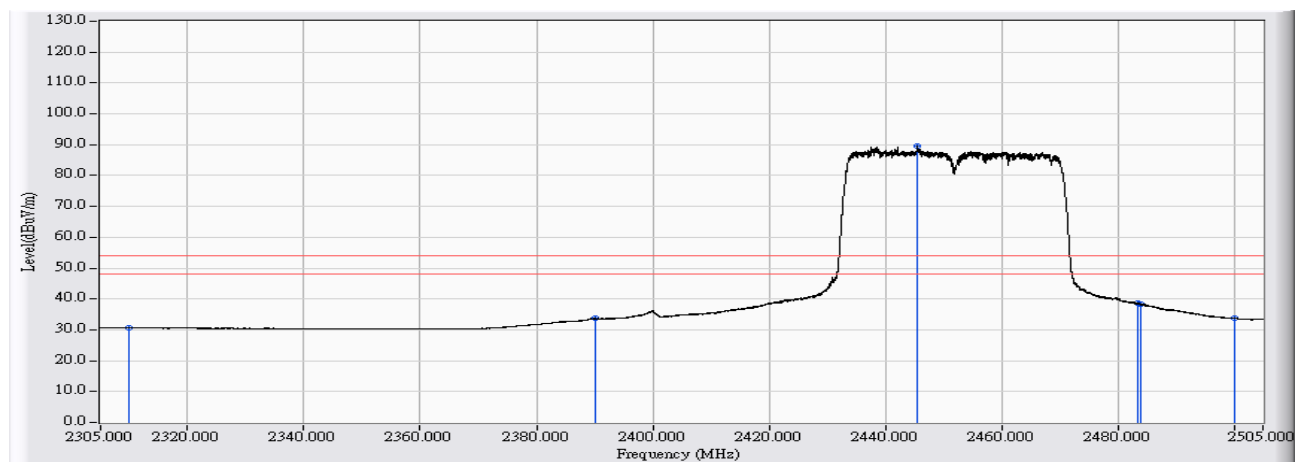


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 28.421                  | 40.860                    | -33.140        | 74.000            | PEAK          |
| 2 |   | 2390.000           | 12.915                 | 31.981                  | 44.897                    | -29.103        | 74.000            | PEAK          |
| 3 |   | 2446.766           | 13.292                 | 87.621                  | 100.913                   | --             | --                | PEAK          |
| 4 |   | 2483.500           | 13.549                 | 36.642                  | 50.191                    | -23.809        | 74.000            | PEAK          |
| 5 | * | 2485.642           | 13.564                 | 38.894                  | 52.458                    | -21.542        | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 31.682                  | 45.341                    | -28.659        | 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 = 3 MHz, 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 : CB4-H                                            | Time : 2017/02/21                                                                                    |
| Limit : FCC_SpartC_15.209_03M_AV                        | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - HORIZONTAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router          | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(40M)_2452MHz |

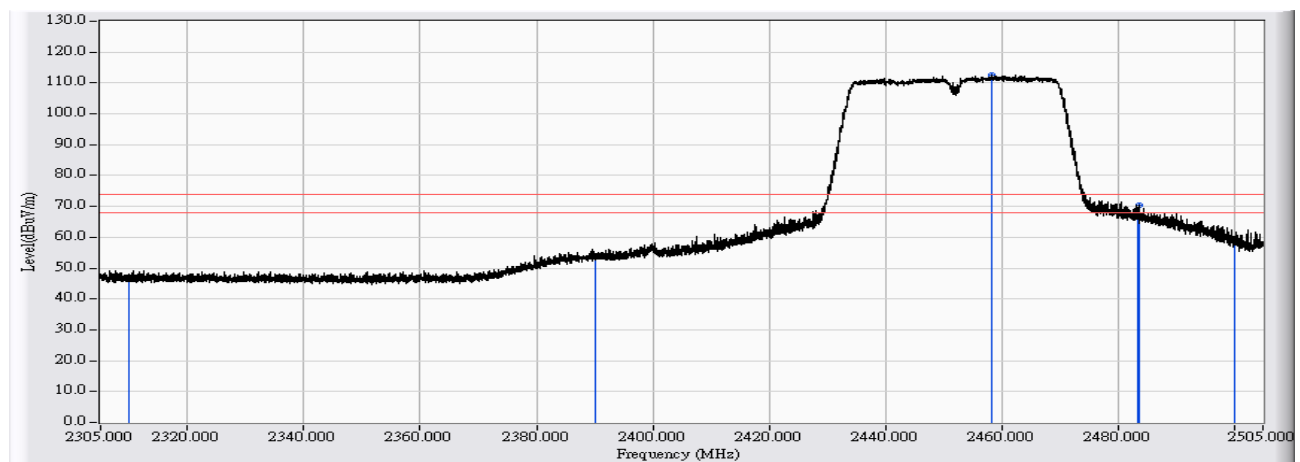


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 18.174                  | 30.613                    | -23.387        | 54.000            | AVERAGE       |
| 2 |   | 2390.000           | 12.915                 | 20.727                  | 33.643                    | -20.357        | 54.000            | AVERAGE       |
| 3 |   | 2445.506           | 13.283                 | 76.240                  | 89.523                    | --             | --                | AVERAGE       |
| 4 |   | 2483.500           | 13.549                 | 24.964                  | 38.513                    | -15.487        | 54.000            | AVERAGE       |
| 5 | * | 2483.862           | 13.552                 | 24.918                  | 38.470                    | -15.530        | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 20.015                  | 33.674                    | -20.326        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                                     |
| Limit : FCC_SpartC_15.209_03M_PK                      | Margin : 6                                                                                            |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                                  |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 3: Tx_AD P: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(40M)_2452MHz |

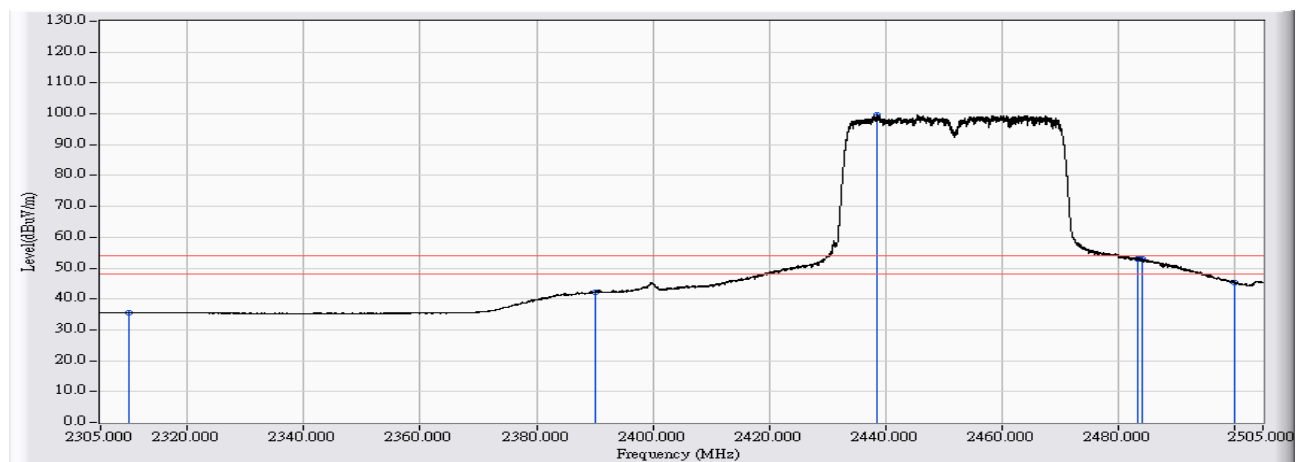


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 12.439                 | 33.955                  | 46.394                    | -27.606        | 74.000            | PEAK          |
| 2 |   | 2390.000           | 12.915                 | 41.275                  | 54.191                    | -19.809        | 74.000            | PEAK          |
| 3 |   | 2458.385           | 13.373                 | 99.223                  | 112.595                   | --             | --                | PEAK          |
| 4 |   | 2483.500           | 13.549                 | 53.464                  | 67.013                    | -6.987         | 74.000            | PEAK          |
| 5 | * | 2483.622           | 13.549                 | 56.865                  | 70.415                    | -3.585         | 74.000            | PEAK          |
| 6 |   | 2500.000           | 13.658                 | 46.101                  | 59.760                    | -14.240        | 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 = 3 MHz, 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 : CB4-H                                          | Time : 2017/02/21                                                                                    |
| Limit : FCC_SpartC_15.209_03M_AV                      | Margin : 6                                                                                           |
| Probe : CB4-H_FCC_EFS_B091_1-18GHz_3M_0117 - VERTICAL | Power : AC 120V/60Hz                                                                                 |
| EUT : Wireless-AC2900 Dual Band Gigabit Router        | Note : Mode 3: Tx_ADP: AD890326010-2LF_<br>Beamforming Mode (802.11 n20/40)_<br>802.11n(40M)_2452MHz |



|   |   | 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 |   | 2310.000           | 12.439                 | 23.063                  | 35.502                    | -18.498        | 54.000            | AVERAGE       |
| 2 |   | 2390.000           | 12.915                 | 29.257                  | 42.173                    | -11.827        | 54.000            | AVERAGE       |
| 3 |   | 2438.547           | 13.236                 | 86.461                  | 99.697                    | --             | --                | AVERAGE       |
| 4 |   | 2483.500           | 13.549                 | 39.391                  | 52.940                    | -1.060         | 54.000            | AVERAGE       |
| 5 | * | 2484.242           | 13.554                 | 39.428                  | 52.982                    | -1.018         | 54.000            | AVERAGE       |
| 6 |   | 2500.000           | 13.658                 | 31.701                  | 45.360                    | -8.640         | 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 = 3 MHz, 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.

## 7. DTS Bandwidth

### 7.1. Test Equipment

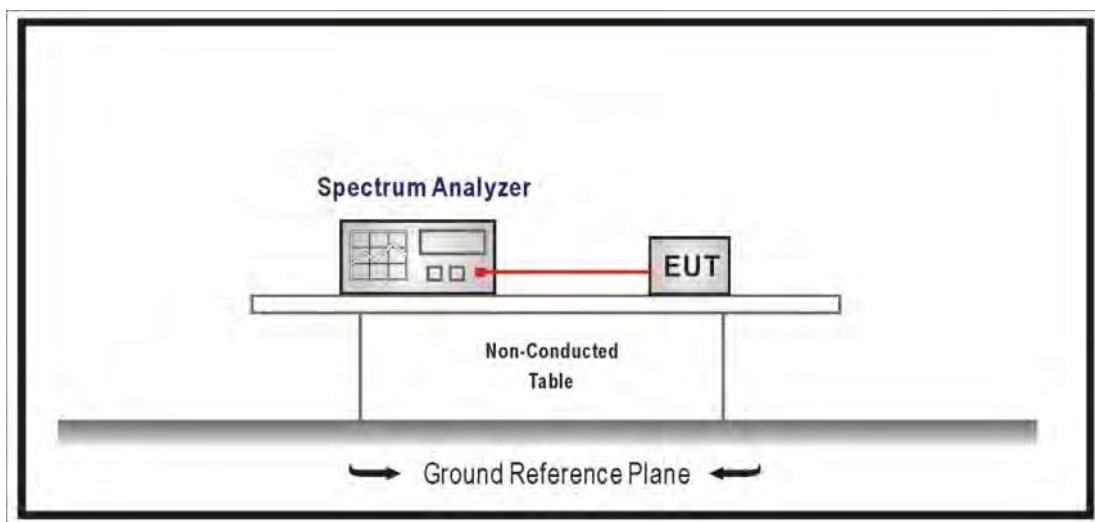
The following test equipments are used during the test:

DTS Bandwidth / SR10-H

| Instrument        | Manufacturer | Model No. | Serial No  | Next Cal. Date |
|-------------------|--------------|-----------|------------|----------------|
| Spectrum Analyzer | Agilent      | N9010A    | US47140172 | 2017/08/08     |

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

### 7.2. Test Setup



### 7.3. Test Procedures

The EUT was setup according to ANSI C63.10: 2013; tested procedure section 8.1 of KDB558074 v03r05 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100KHz, Set the VBW  $\geq 3 \times$  RBW, Sweep Time=Auto, Set Peak Detector.

### 7.4. Limits

The 6 dB bandwidth must be greater than 500 kHz.

### 7.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2015

### 7.6. Uncertainty

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

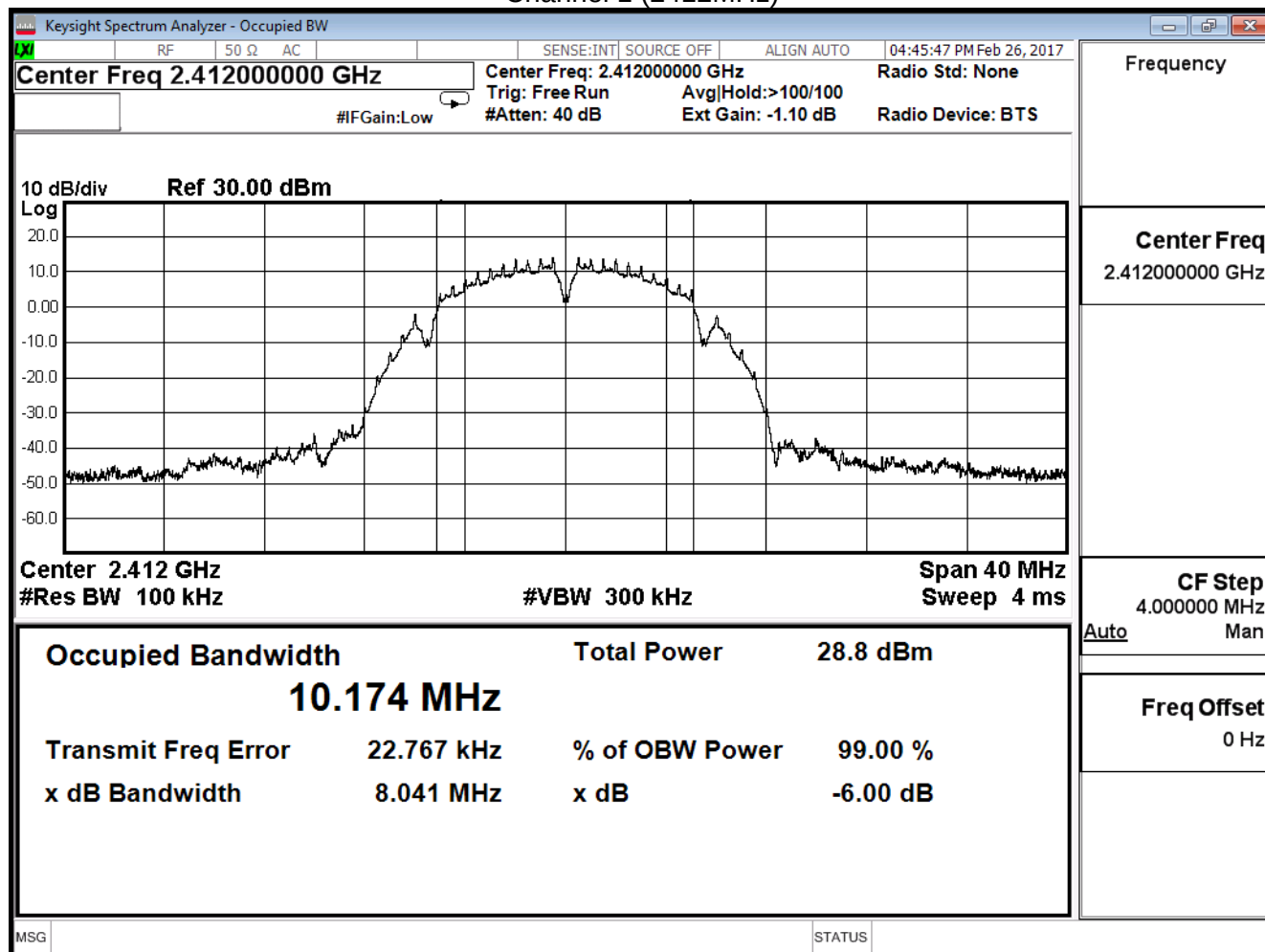
## 7.7. Test Result

|              |                                                       |           |        |
|--------------|-------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router              |           |        |
| Test Item    | DTS Bandwidth                                         |           |        |
| Test Mode    | Mode 1: Tx_ADP: AD890326010-2LF_CDD Mode (802.11 b/g) |           |        |
| Date of Test | 2017/02/26                                            | Test Site | SR10-H |

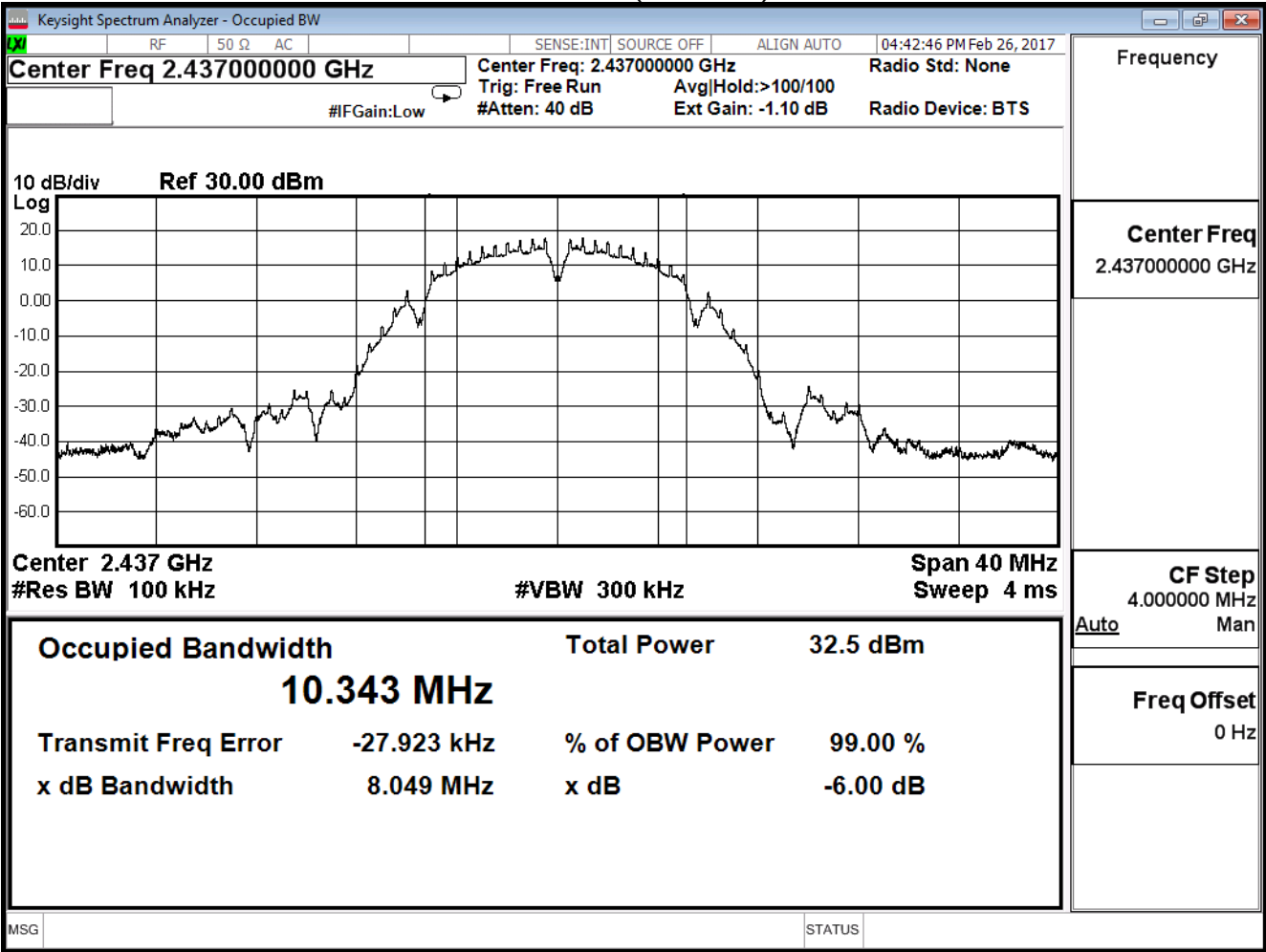
### 802.11 b (ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 1           | 2412            | 8.041               | $\geq 0.5$  | Pass   |
| 6           | 2437            | 8.049               | $\geq 0.5$  | Pass   |
| 11          | 2462            | 8.062               | $\geq 0.5$  | Pass   |

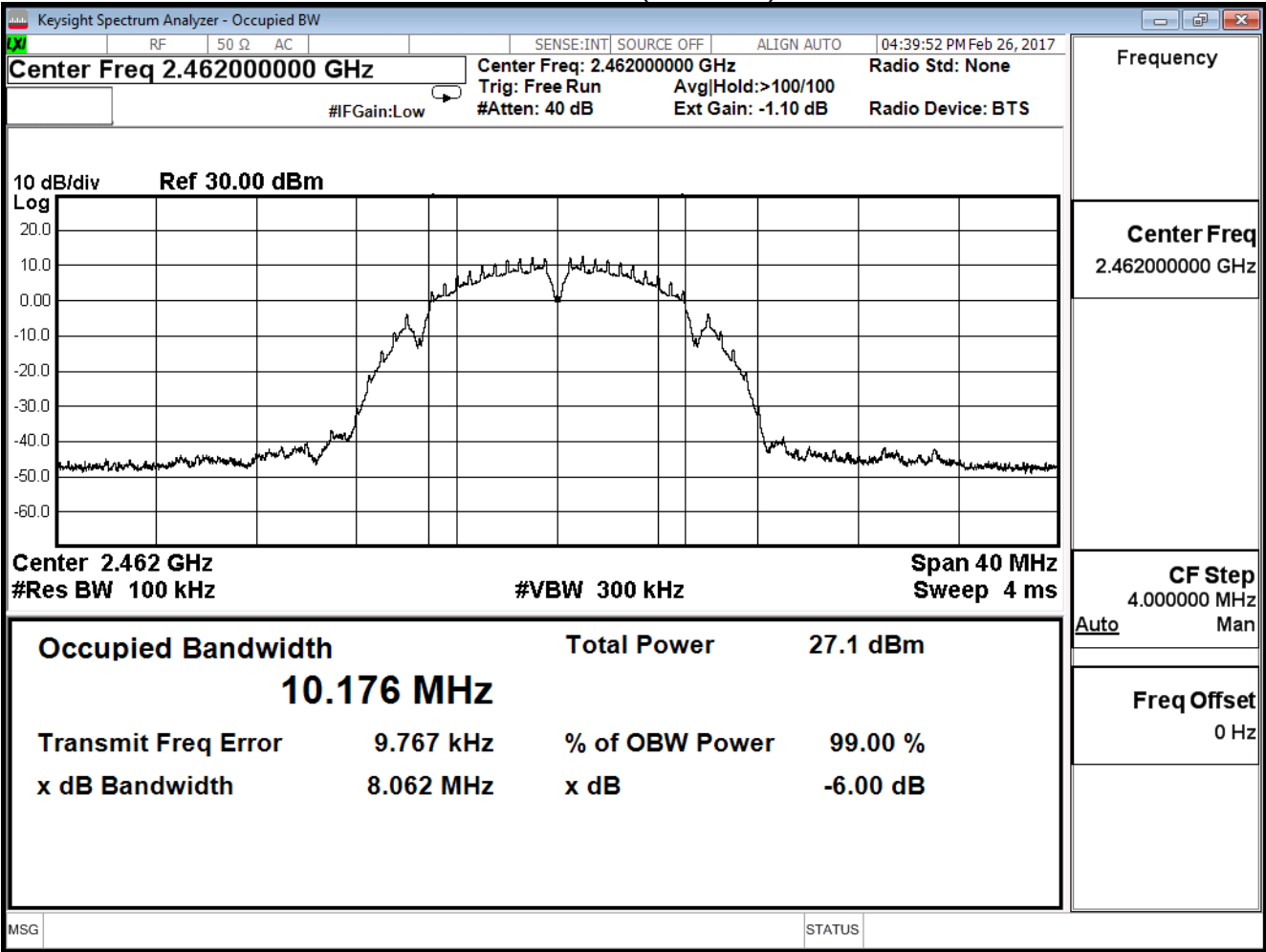
### Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

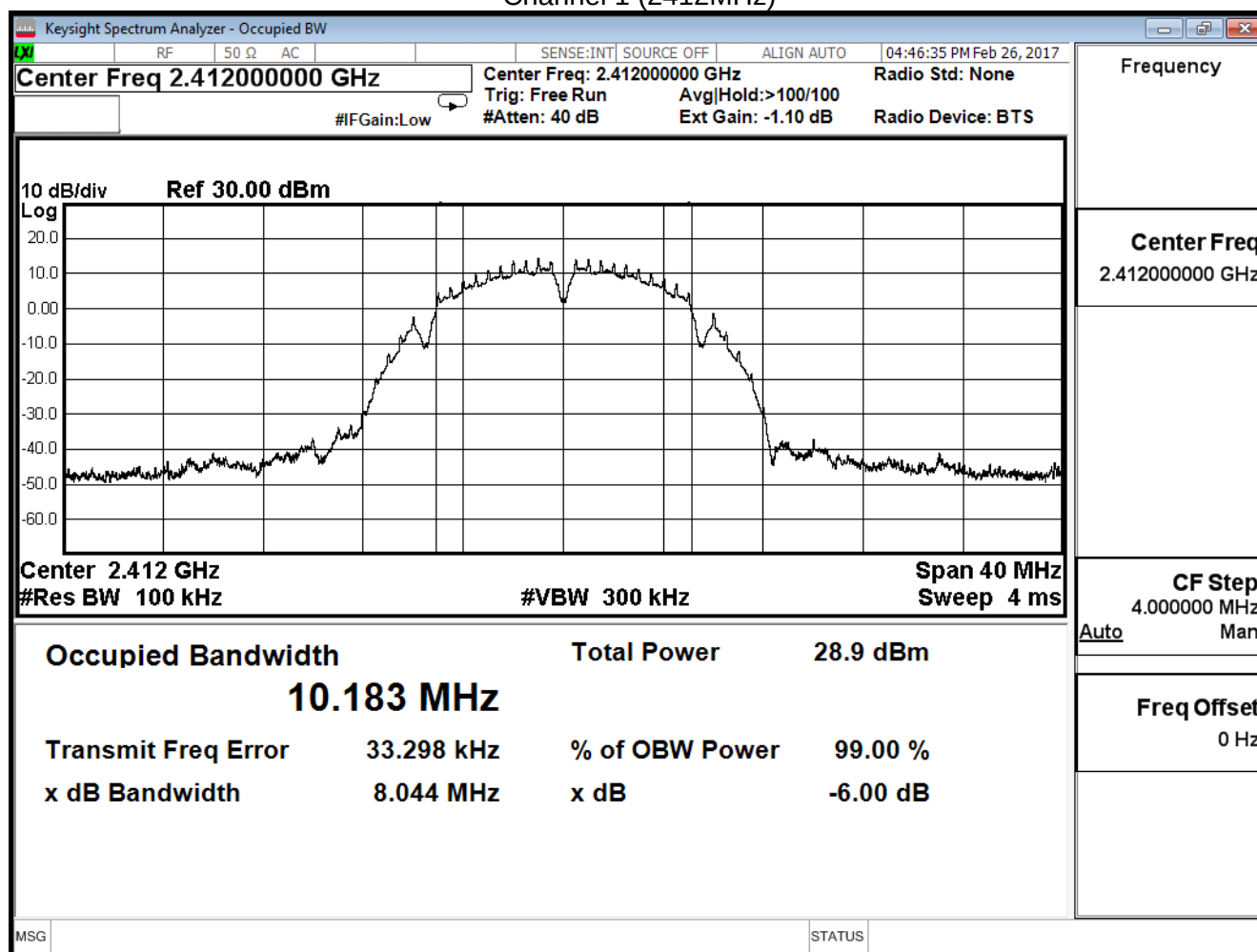


|              |                                                       |           |        |
|--------------|-------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router              |           |        |
| Test Item    | DTS Bandwidth                                         |           |        |
| Test Mode    | Mode 1: Tx ADP: AD890326010-2LF_CDD Mode (802.11 b/g) |           |        |
| Date of Test | 2017/02/26                                            | Test Site | SR10-H |

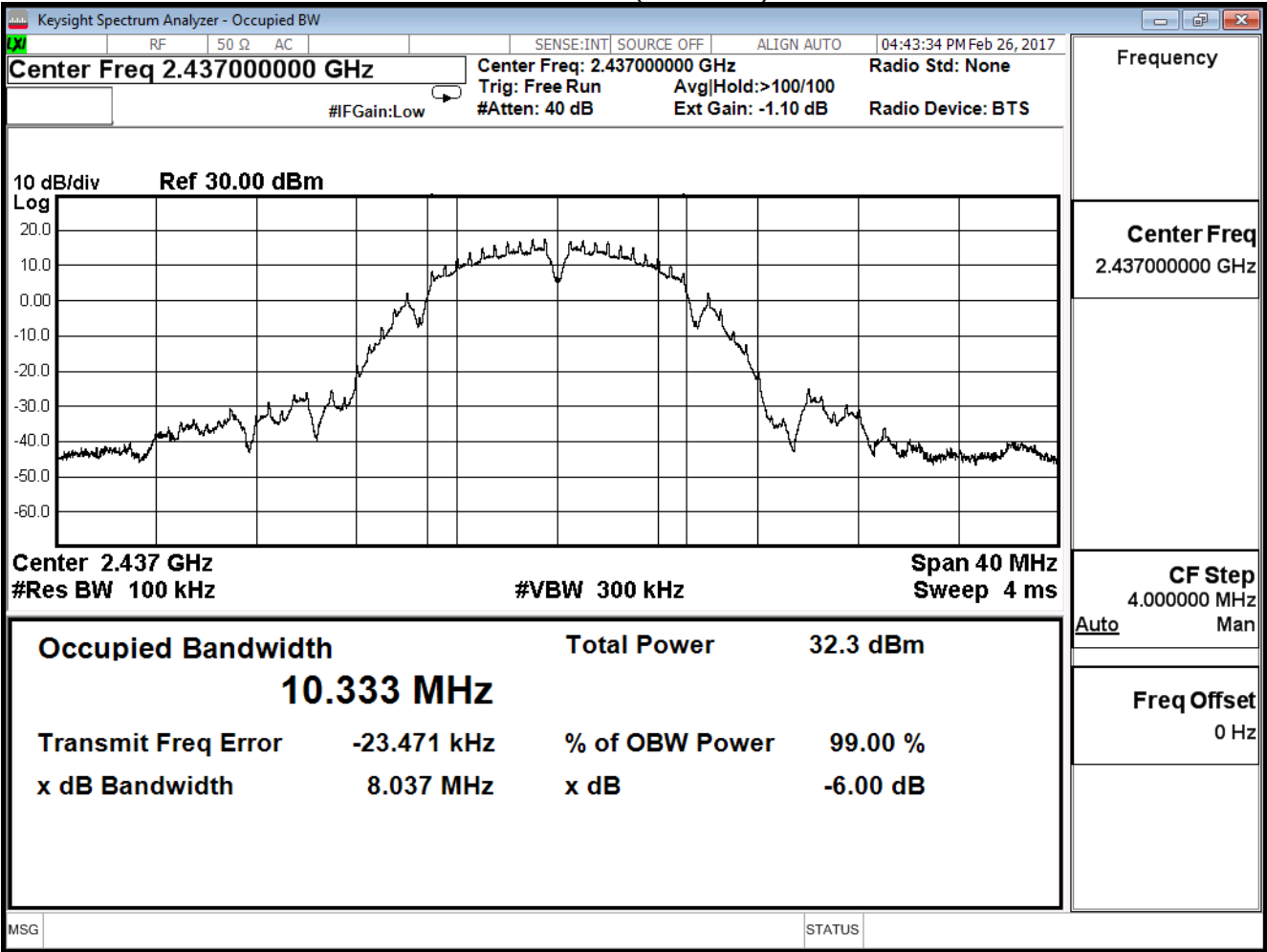
## 802.11 b (ANT 1)

| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 1           | 2412            | 8.044               | $\geq 0.5$  | Pass   |
| 6           | 2437            | 8.037               | $\geq 0.5$  | Pass   |
| 11          | 2462            | 8.042               | $\geq 0.5$  | Pass   |

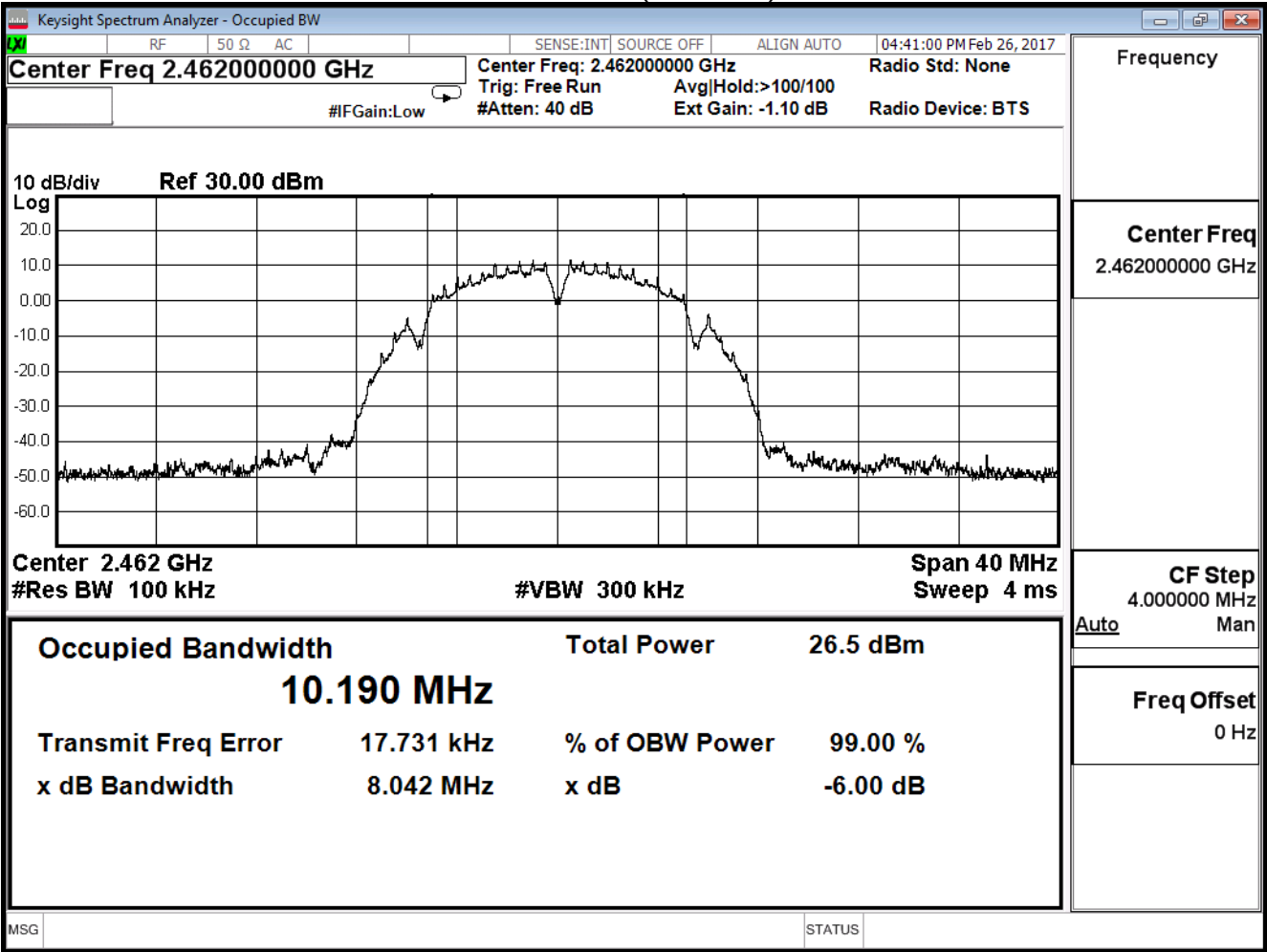
## Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

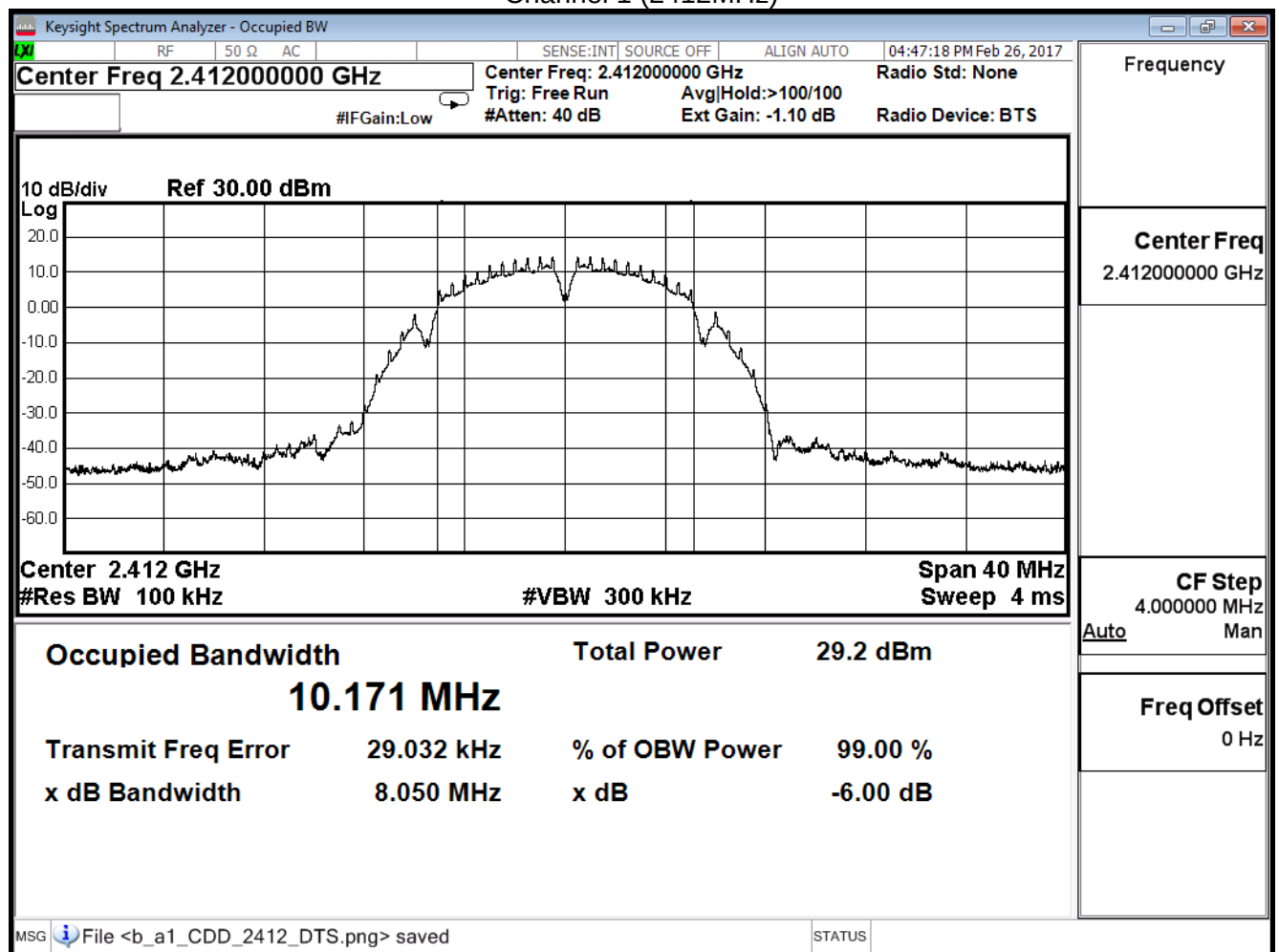


|              |                                                         |           |        |
|--------------|---------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router                |           |        |
| Test Item    | DTS Bandwidth                                           |           |        |
| Test Mode    | Mode 1: Tx_AD P: AD890326010-2LF_ CDD Mode (802.11 b/g) |           |        |
| Date of Test | 2017/02/26                                              | Test Site | SR10-H |

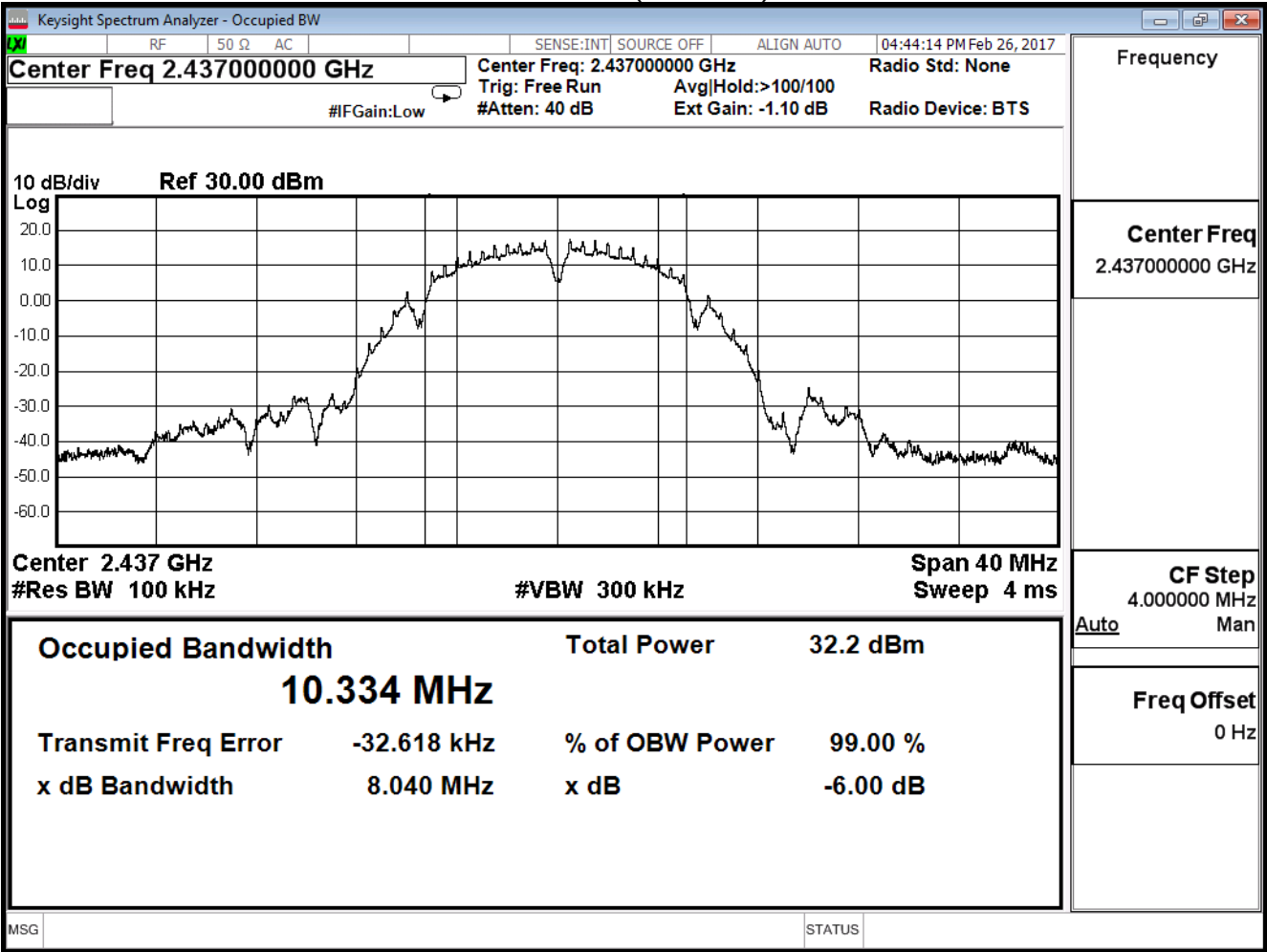
## 802.11 b (ANT 2)

| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 1           | 2412            | 8.050               | $\geq 0.5$  | Pass   |
| 6           | 2437            | 8.040               | $\geq 0.5$  | Pass   |
| 11          | 2462            | 8.065               | $\geq 0.5$  | Pass   |

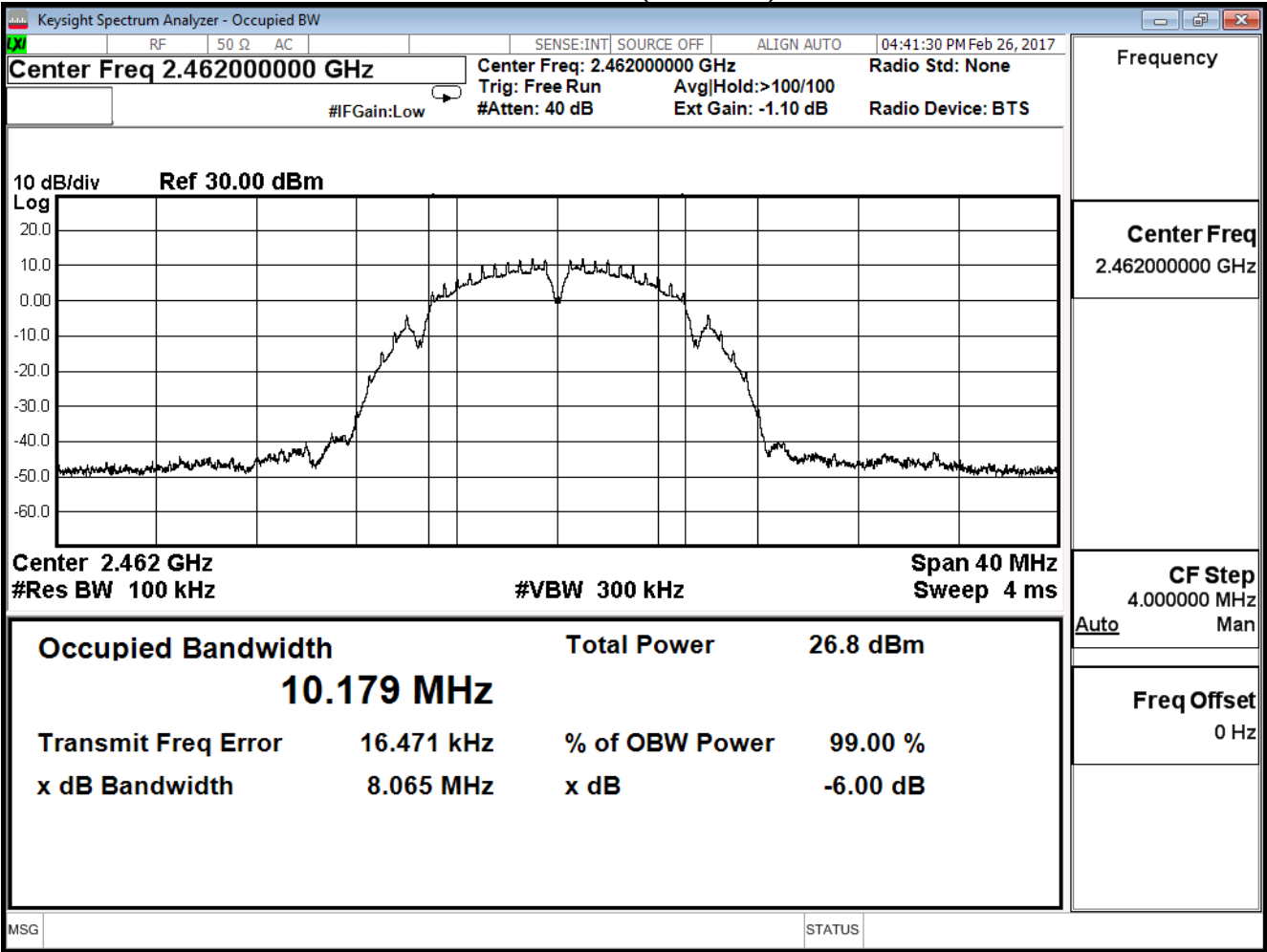
## Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

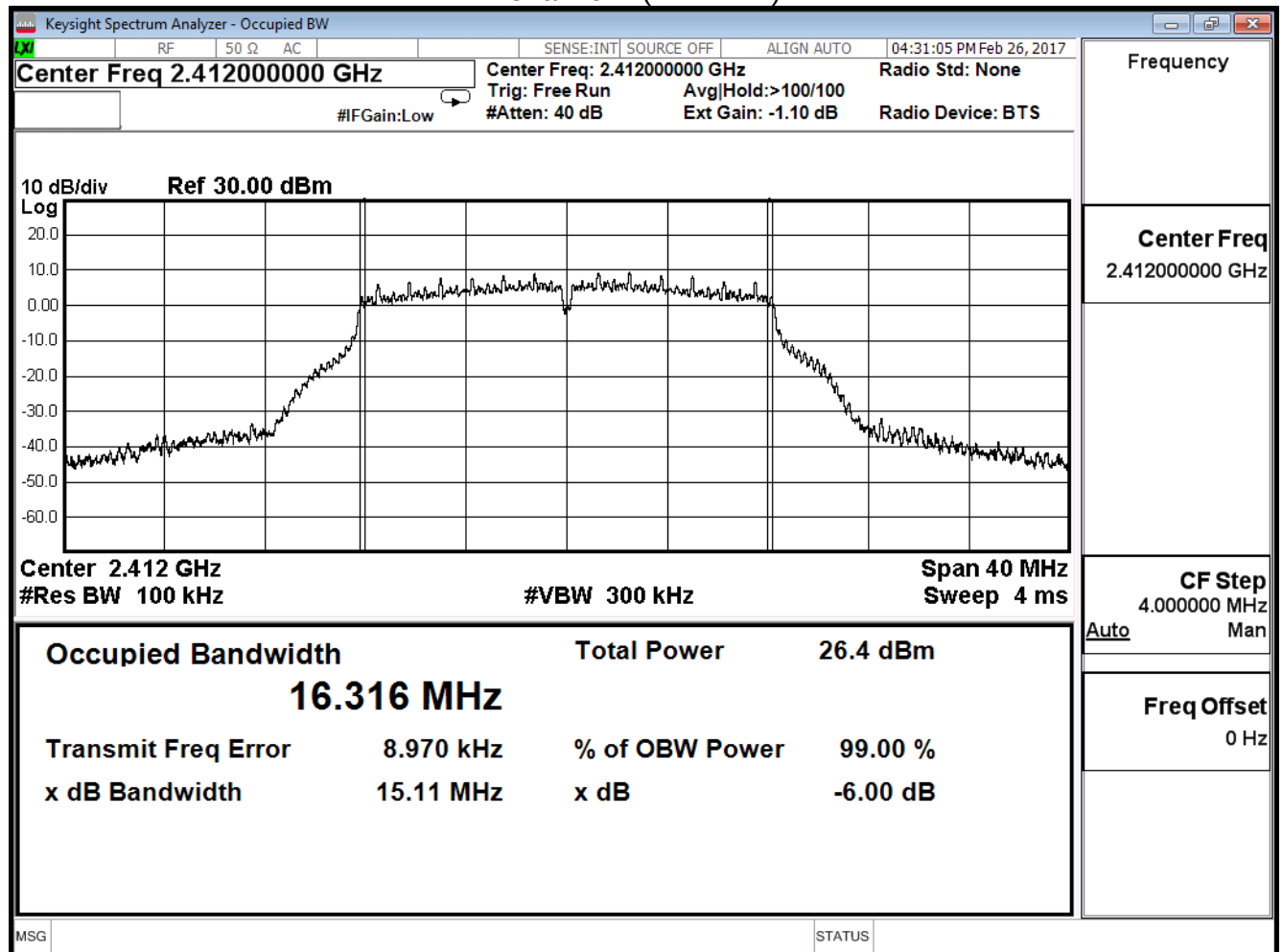


|              |                                                         |           |        |
|--------------|---------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router                |           |        |
| Test Item    | DTS Bandwidth                                           |           |        |
| Test Mode    | Mode 1: Tx_AD P: AD890326010-2LF_ CDD Mode (802.11 b/g) |           |        |
| Date of Test | 2017/02/26                                              | Test Site | SR10-H |

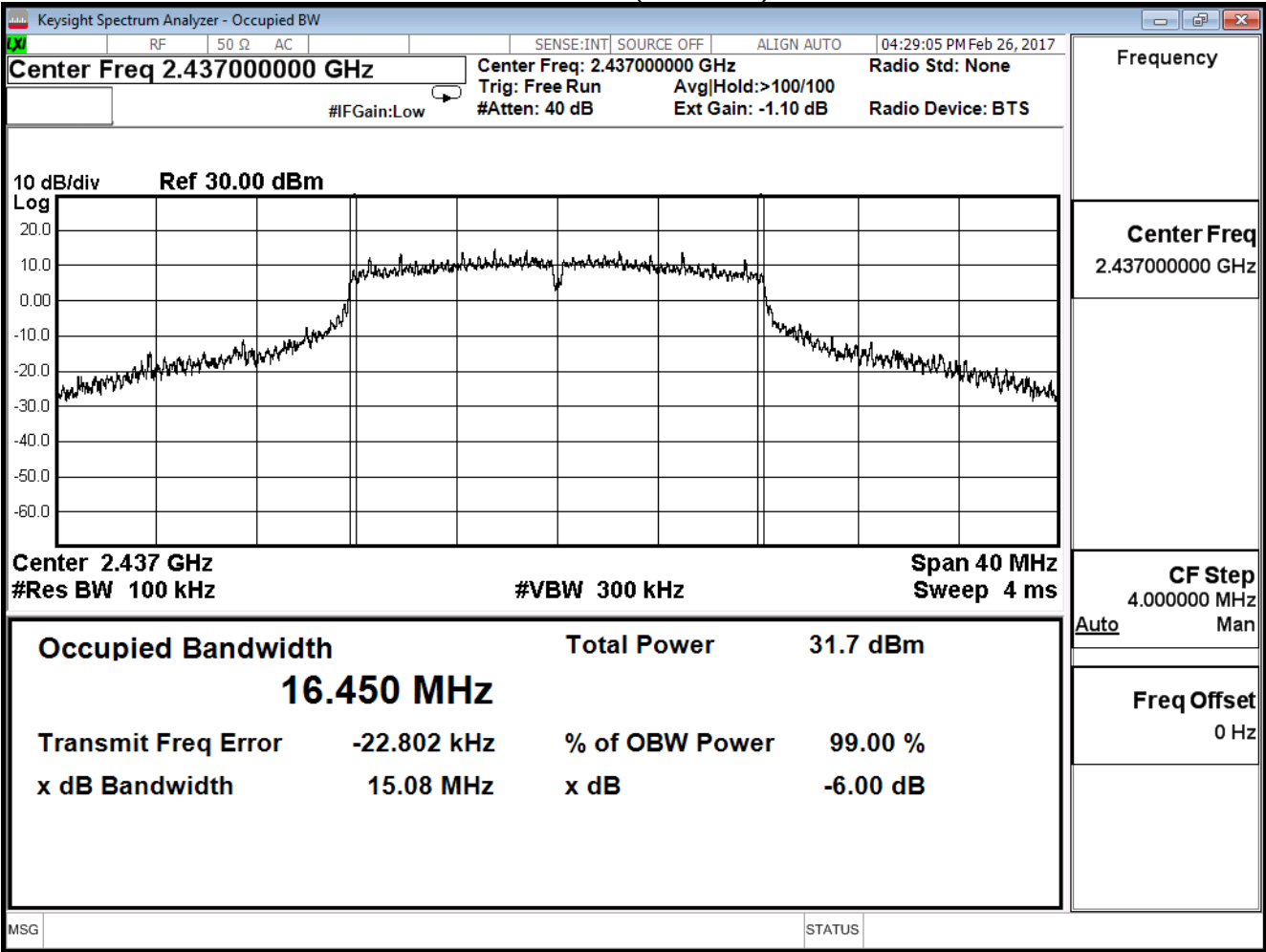
## 802.11 g (ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 1           | 2412            | 15.110              | $\geq 0.5$  | Pass   |
| 6           | 2437            | 15.080              | $\geq 0.5$  | Pass   |
| 11          | 2462            | 15.110              | $\geq 0.5$  | Pass   |

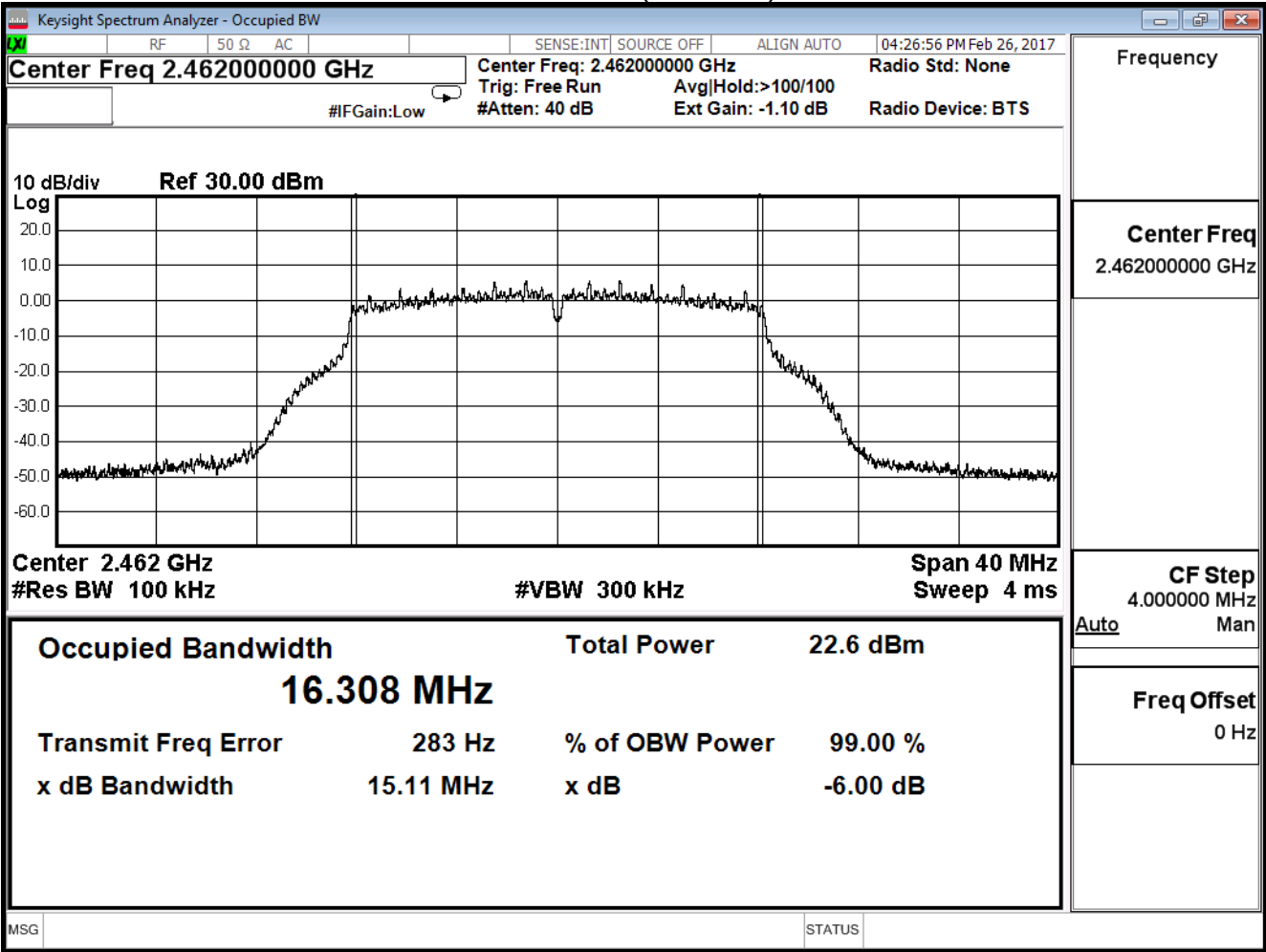
## Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

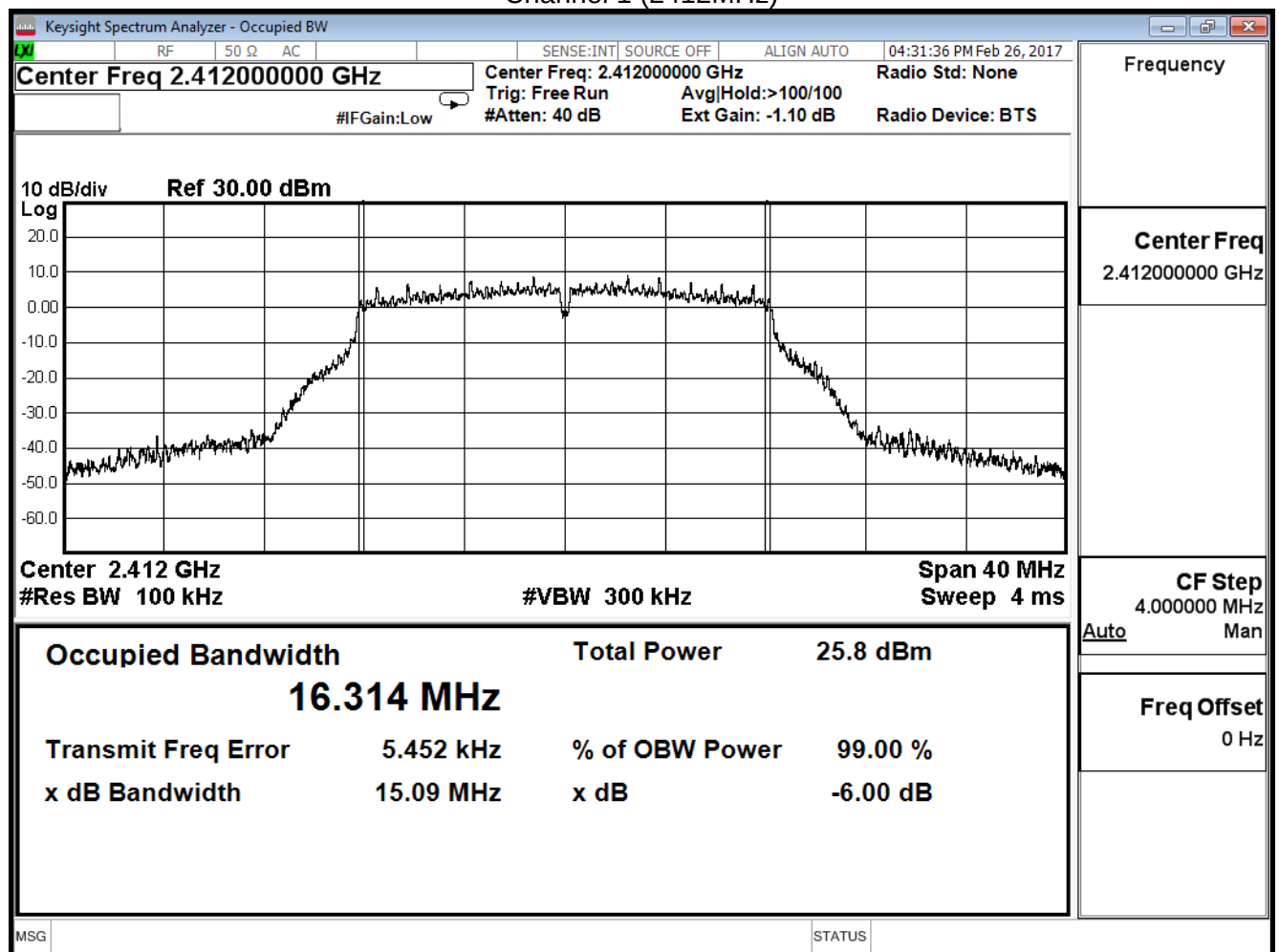


|              |                                                       |           |        |
|--------------|-------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router              |           |        |
| Test Item    | DTS Bandwidth                                         |           |        |
| Test Mode    | Mode 1: Tx_AD: AD890326010-2LF_ CDD Mode (802.11 b/g) |           |        |
| Date of Test | 2017/02/26                                            | Test Site | SR10-H |

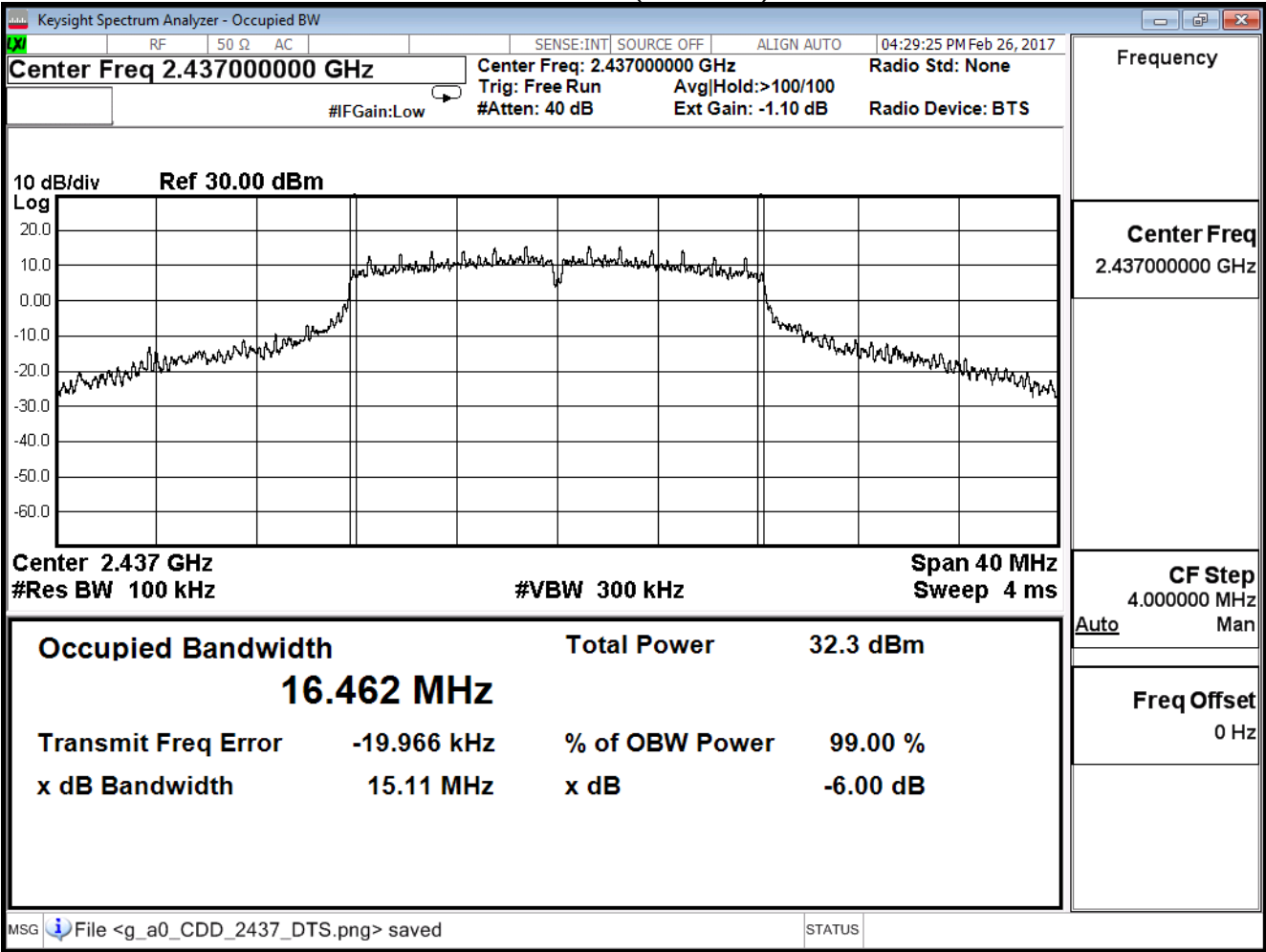
## 802.11 g (ANT 1)

| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 1           | 2412            | 15.090              | $\geq 0.5$  | Pass   |
| 6           | 2437            | 15.110              | $\geq 0.5$  | Pass   |
| 11          | 2462            | 15.100              | $\geq 0.5$  | Pass   |

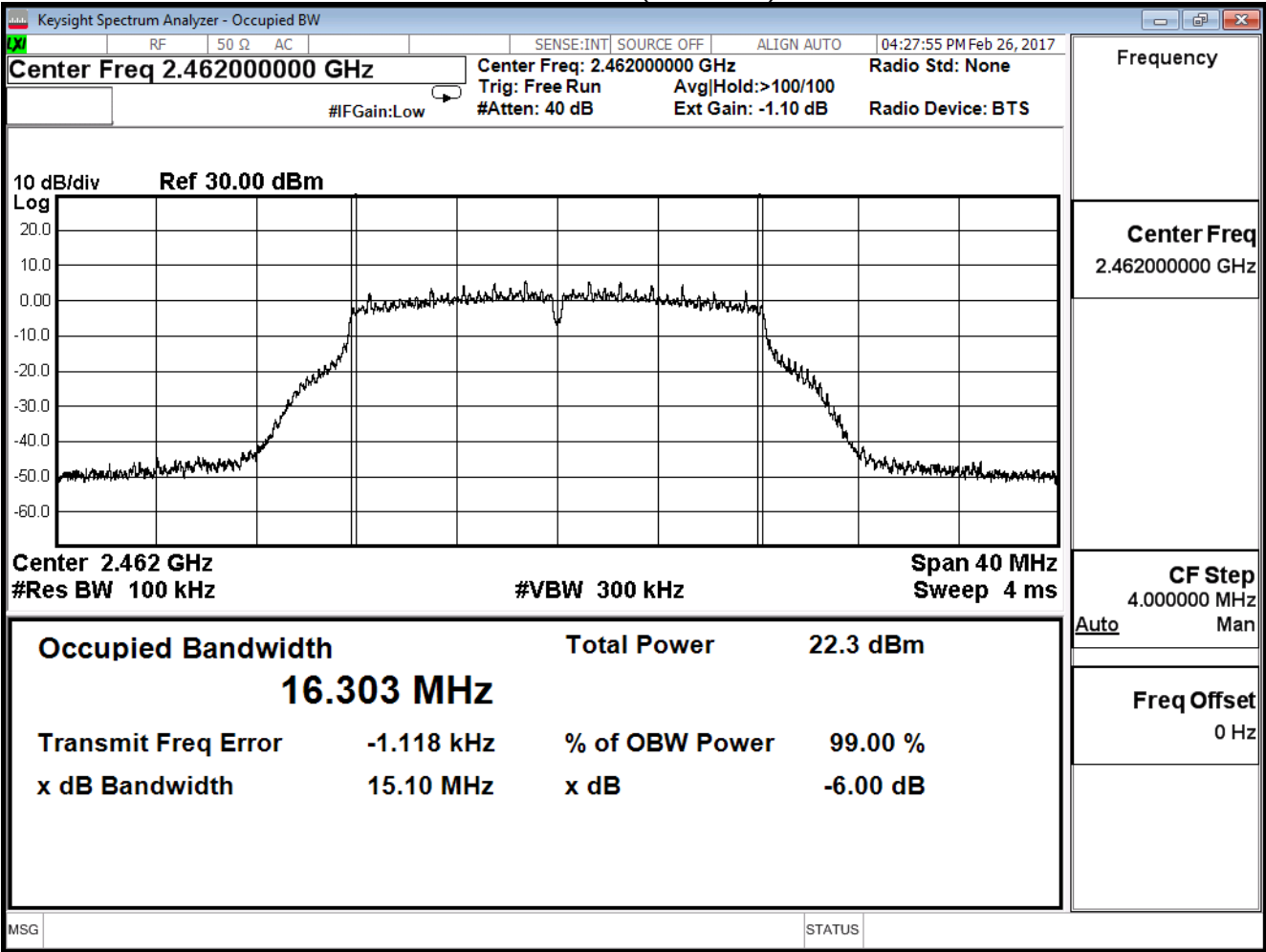
## Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

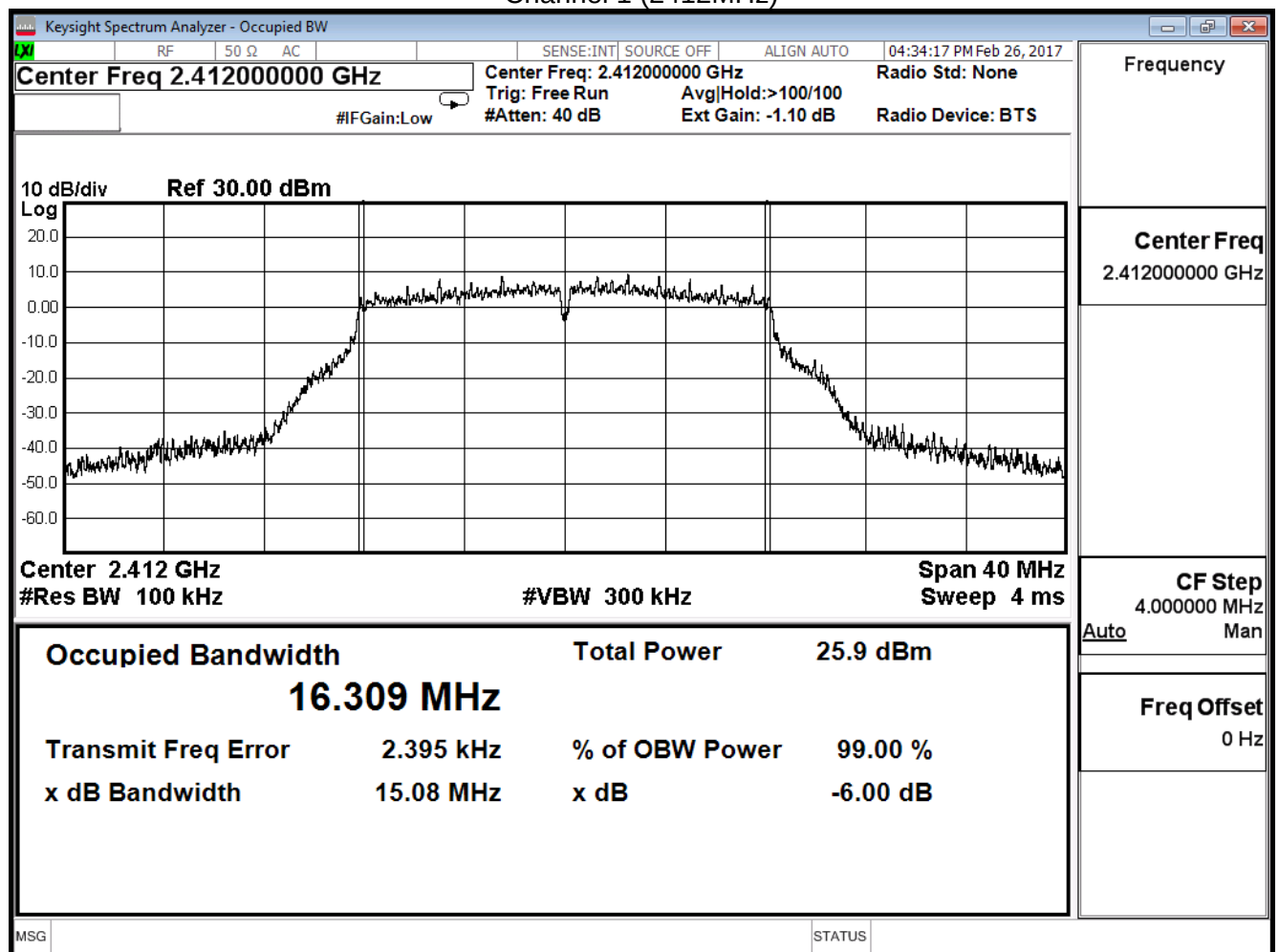


|              |                                                       |           |        |
|--------------|-------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router              |           |        |
| Test Item    | DTS Bandwidth                                         |           |        |
| Test Mode    | Mode 1: Tx_AD: AD890326010-2LF_ CDD Mode (802.11 b/g) |           |        |
| Date of Test | 2017/02/26                                            | Test Site | SR10-H |

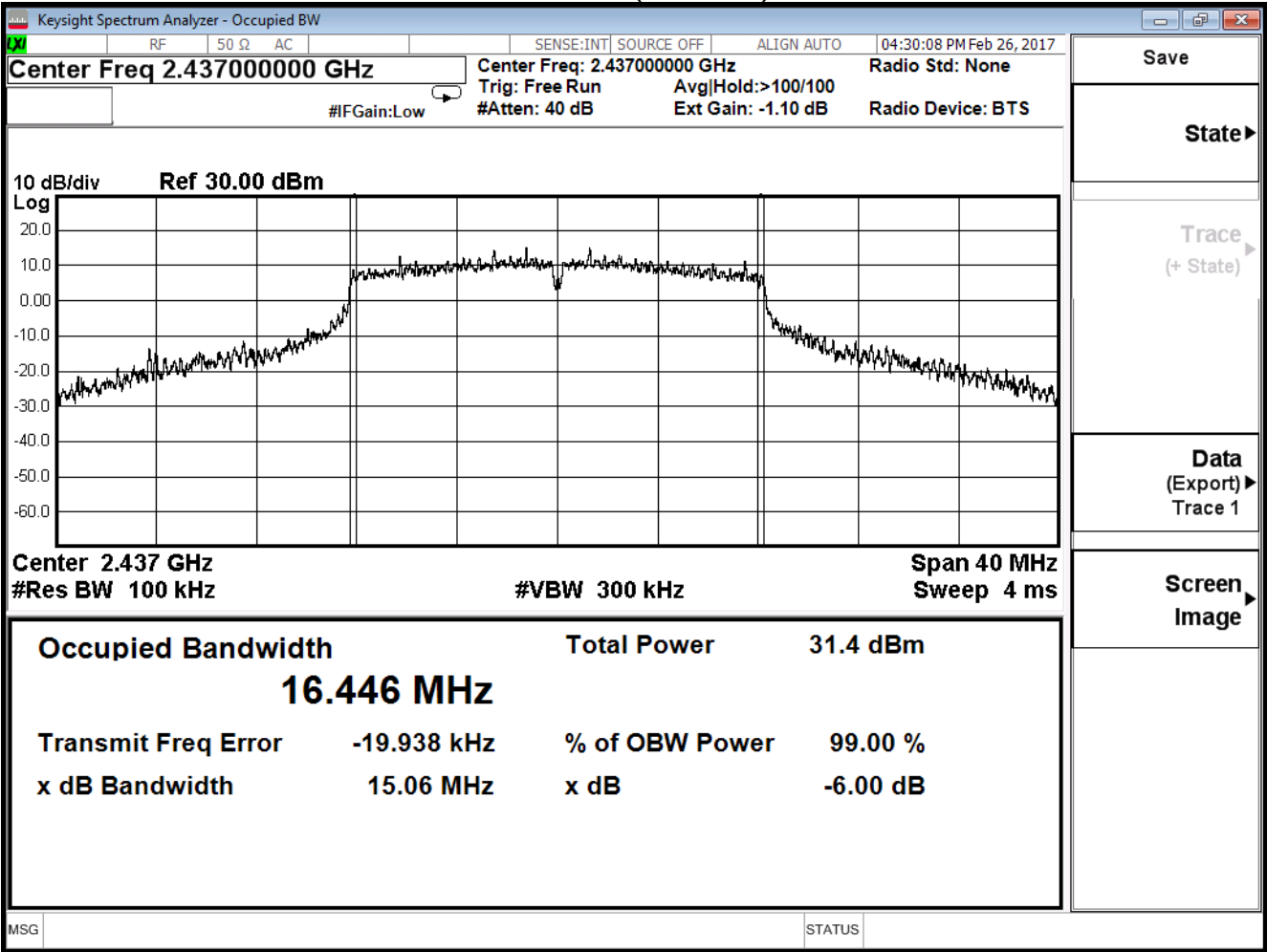
## 802.11 g (ANT 2)

| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 1           | 2412            | 15.080              | $\geq 0.5$  | Pass   |
| 6           | 2437            | 15.060              | $\geq 0.5$  | Pass   |
| 11          | 2462            | 15.090              | $\geq 0.5$  | Pass   |

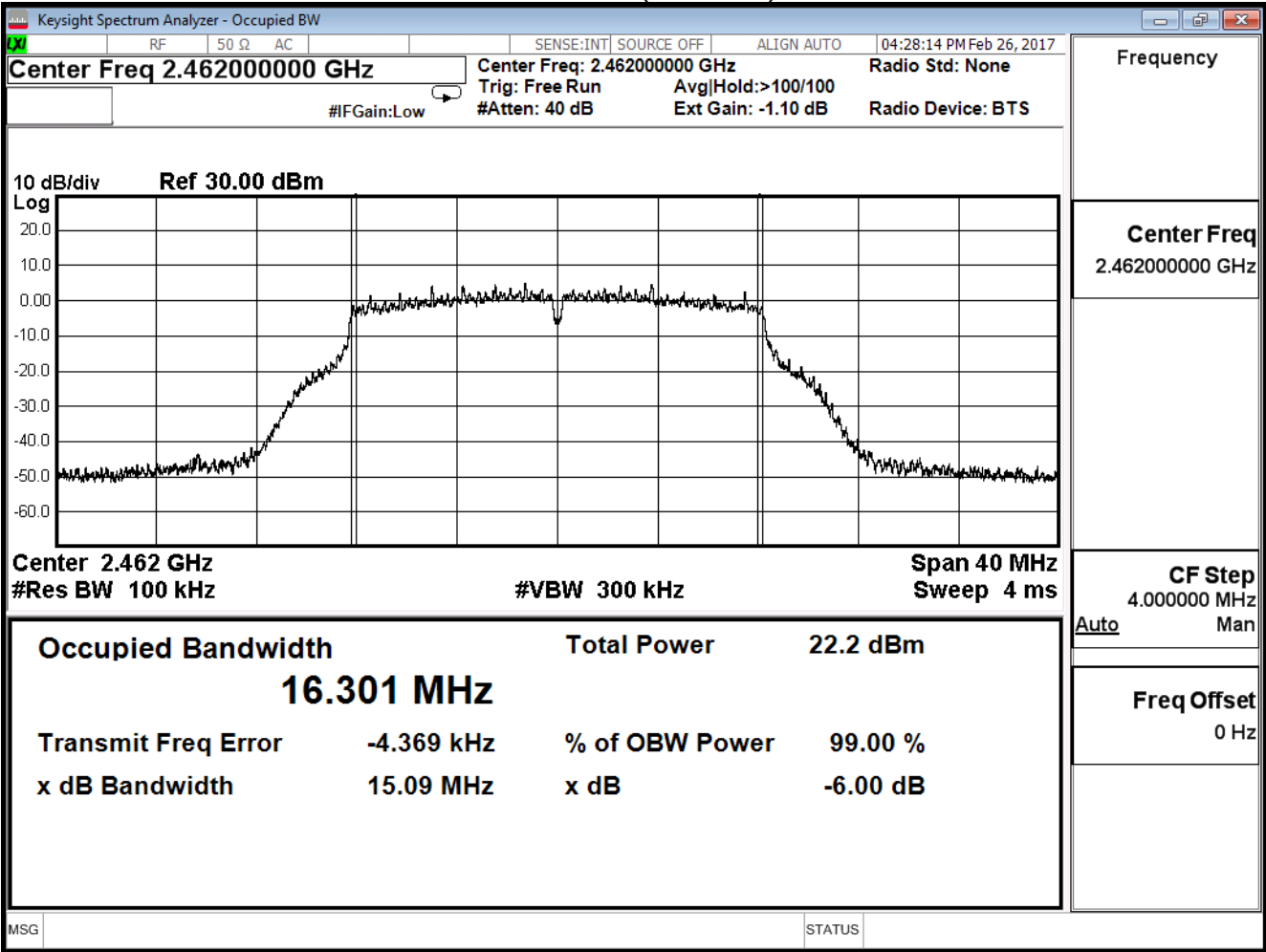
## Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

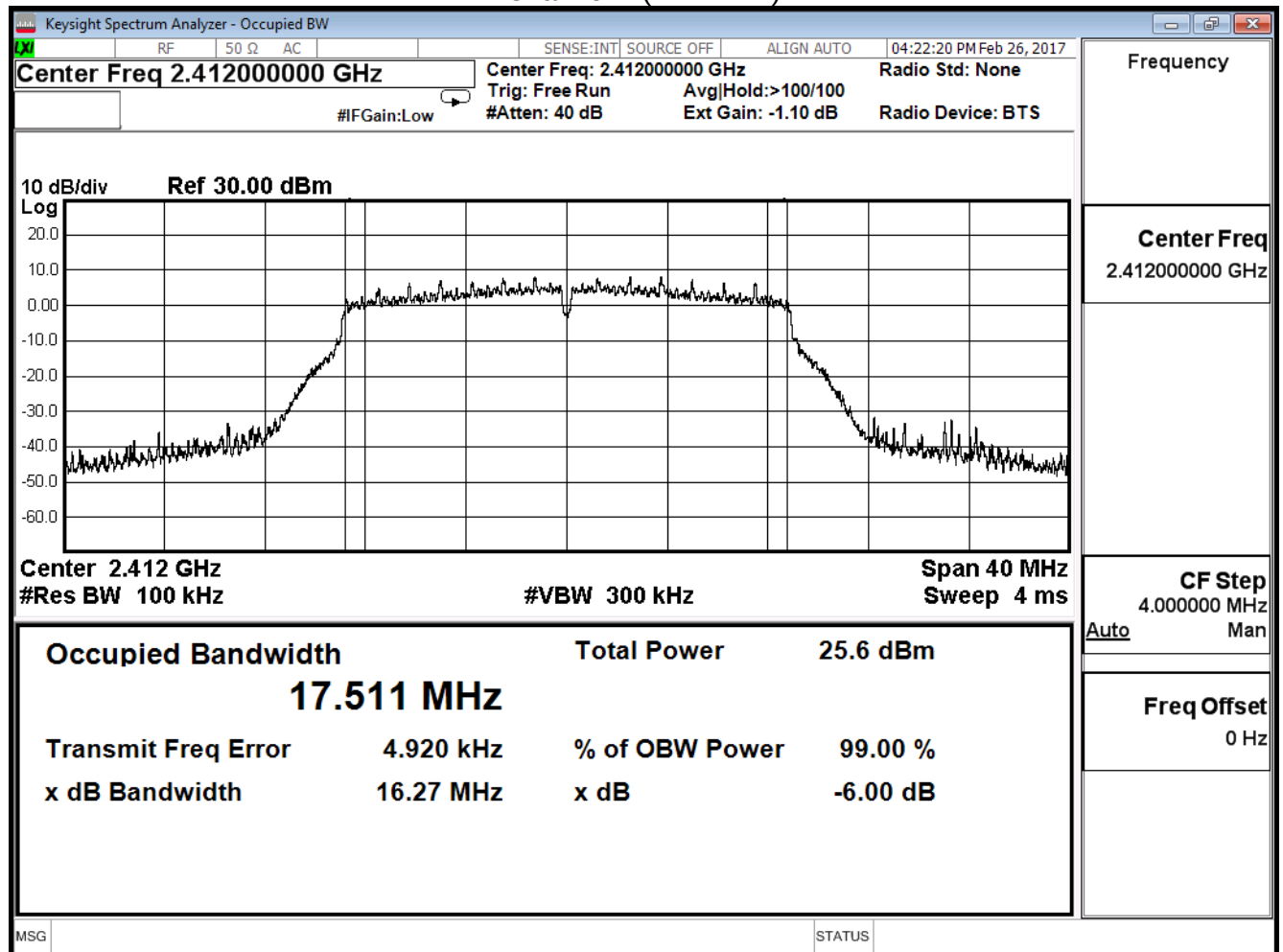


|              |                                                             |           |        |
|--------------|-------------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router                    |           |        |
| Test Item    | DTS Bandwidth                                               |           |        |
| Test Mode    | Mode 2: Tx_AD P: AD890326010-2LF_ MIMO Mode (802.11 n20/40) |           |        |
| Date of Test | 2017/02/26                                                  | Test Site | SR10-H |

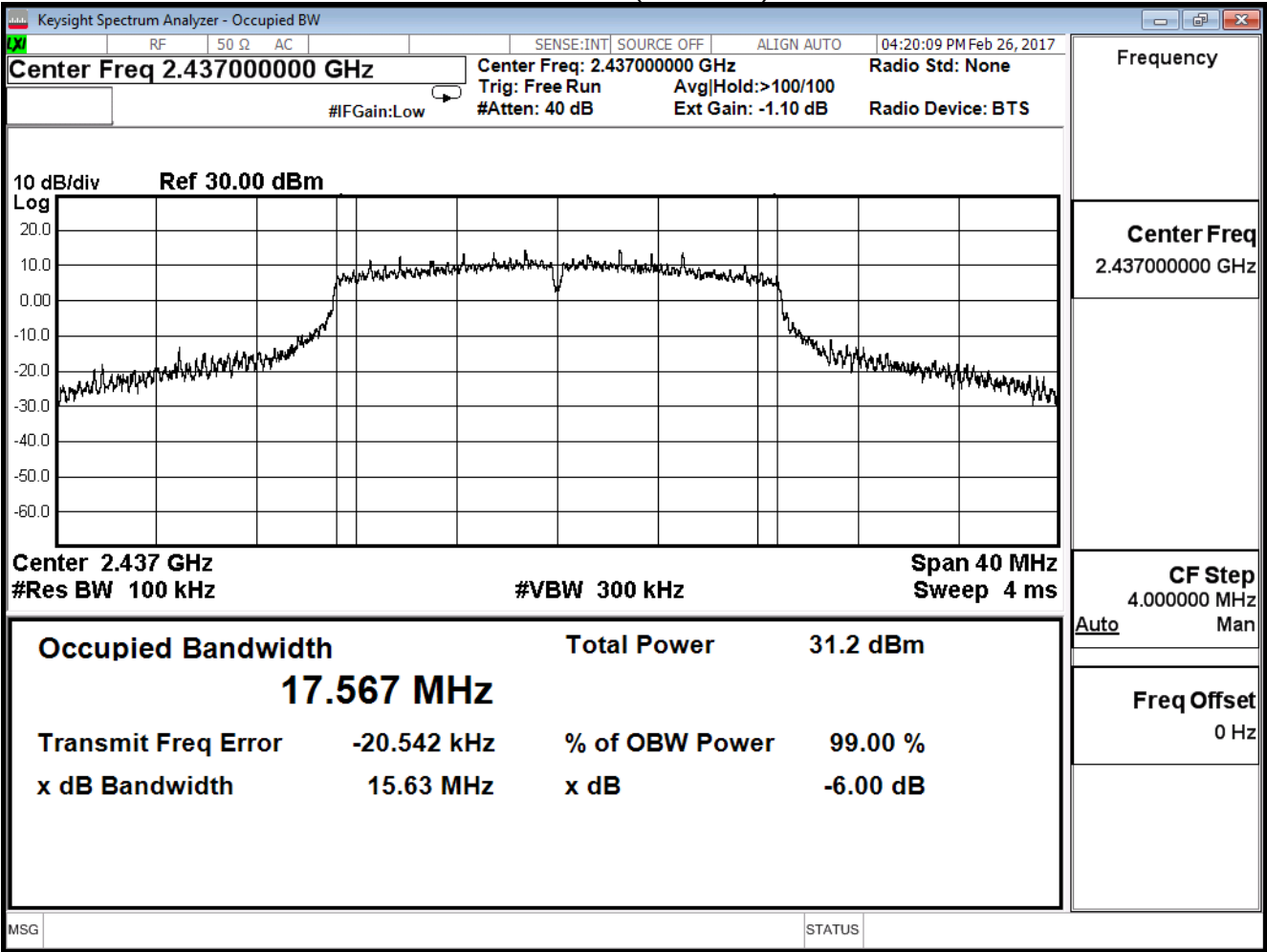
## IEEE 802.11n\_20M (ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 1           | 2412            | 16.270              | $\geq 0.5$  | Pass   |
| 6           | 2437            | 15.630              | $\geq 0.5$  | Pass   |
| 11          | 2462            | 16.280              | $\geq 0.5$  | Pass   |

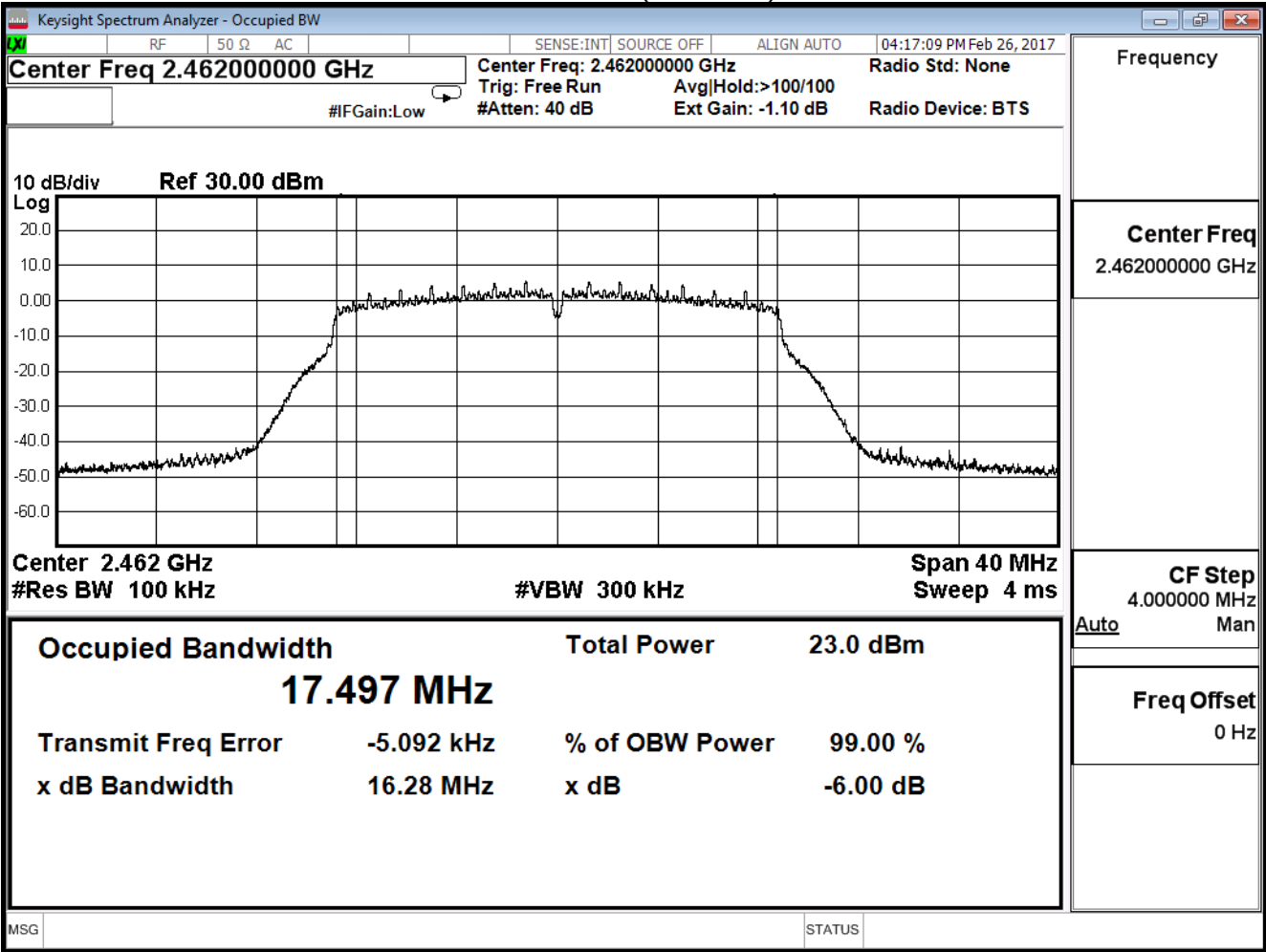
## Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

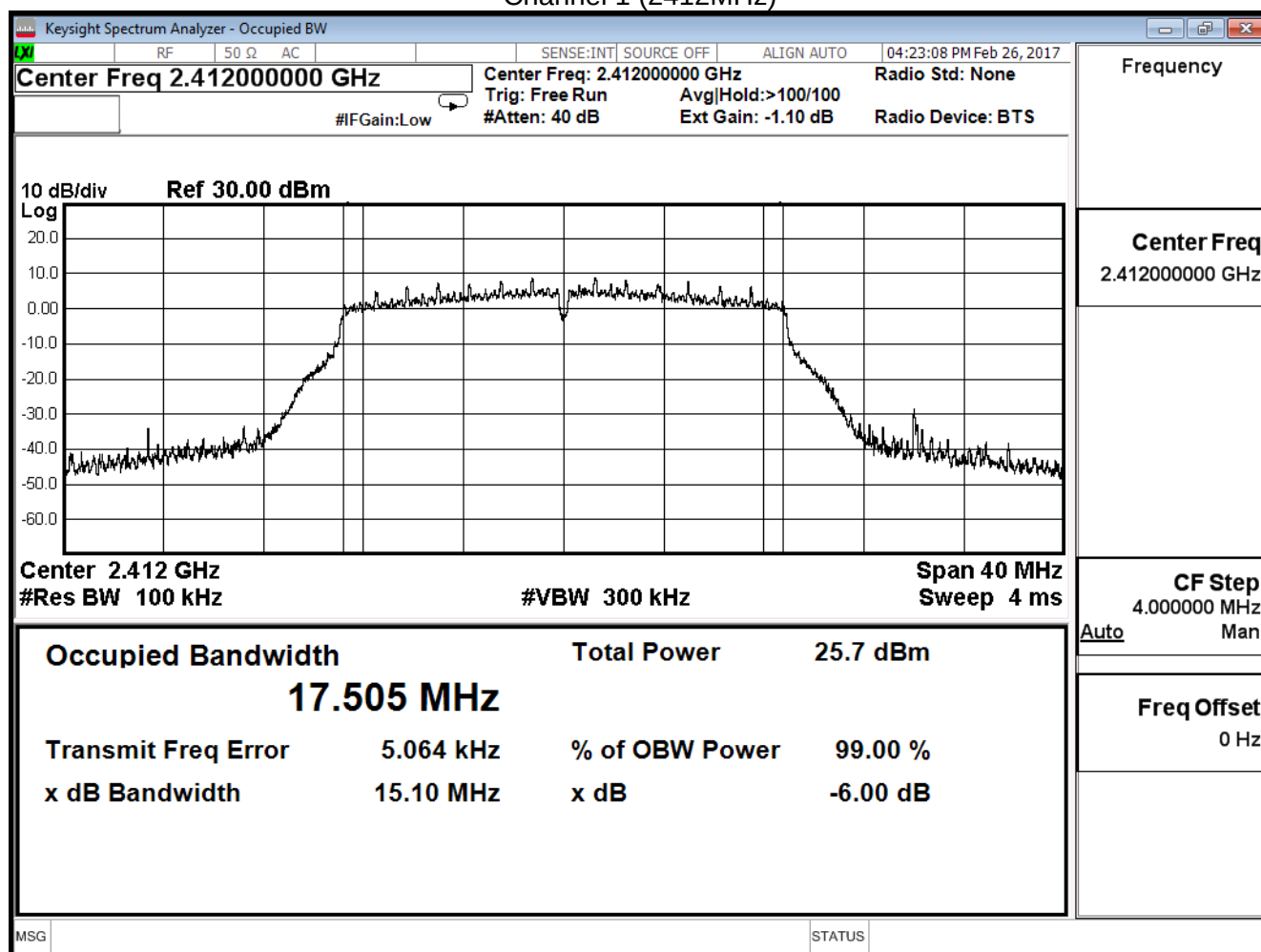


|              |                                                           |           |        |
|--------------|-----------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router                  |           |        |
| Test Item    | DTS Bandwidth                                             |           |        |
| Test Mode    | Mode 2: Tx_AD: AD890326010-2LF_ MIMO Mode (802.11 n20/40) |           |        |
| Date of Test | 2017/02/26                                                | Test Site | SR10-H |

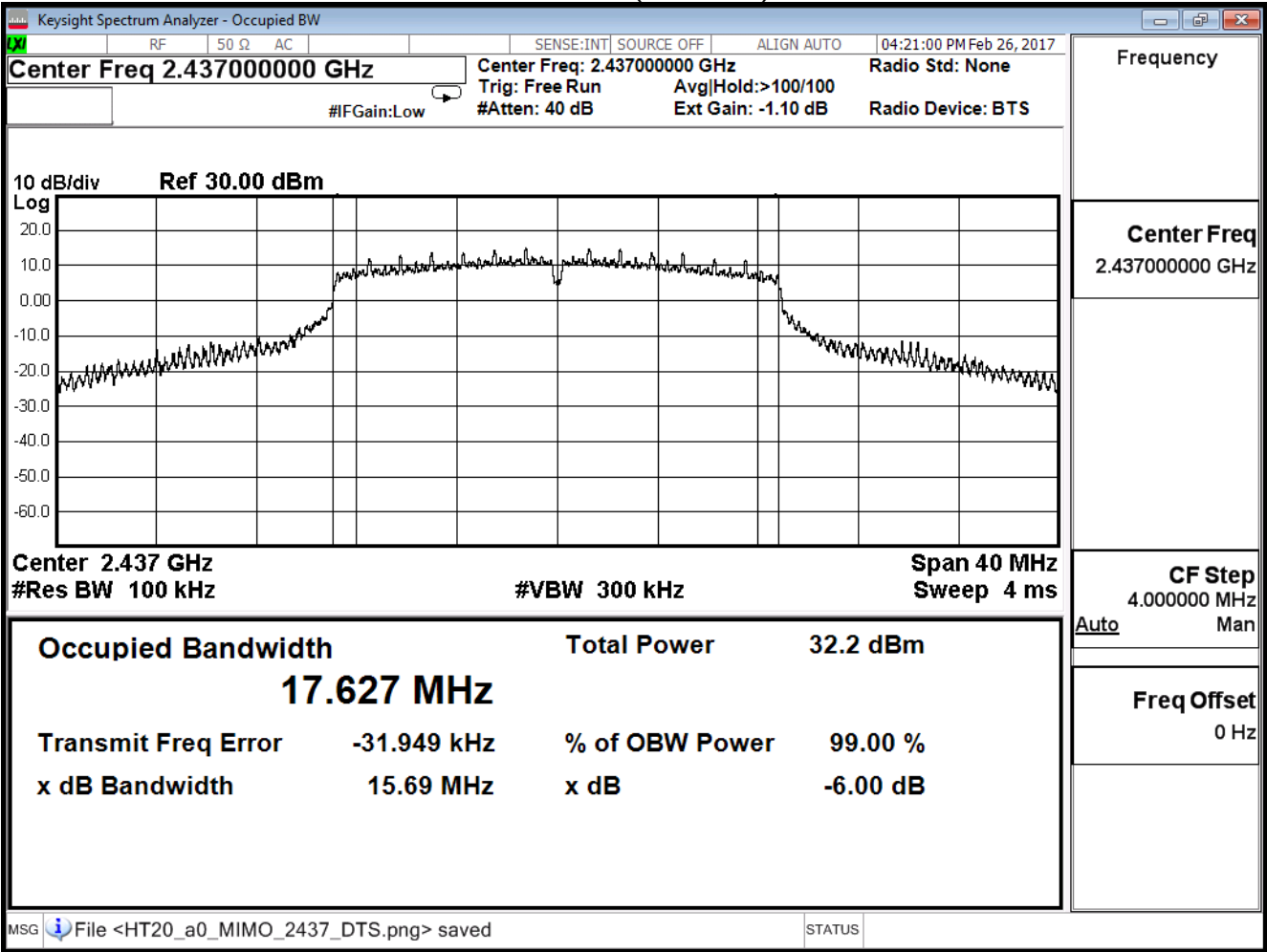
## IEEE 802.11n\_20M (ANT 1)

| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 1           | 2412            | 15.100              | $\geq 0.5$  | Pass   |
| 6           | 2437            | 15.690              | $\geq 0.5$  | Pass   |
| 11          | 2462            | 15.090              | $\geq 0.5$  | Pass   |

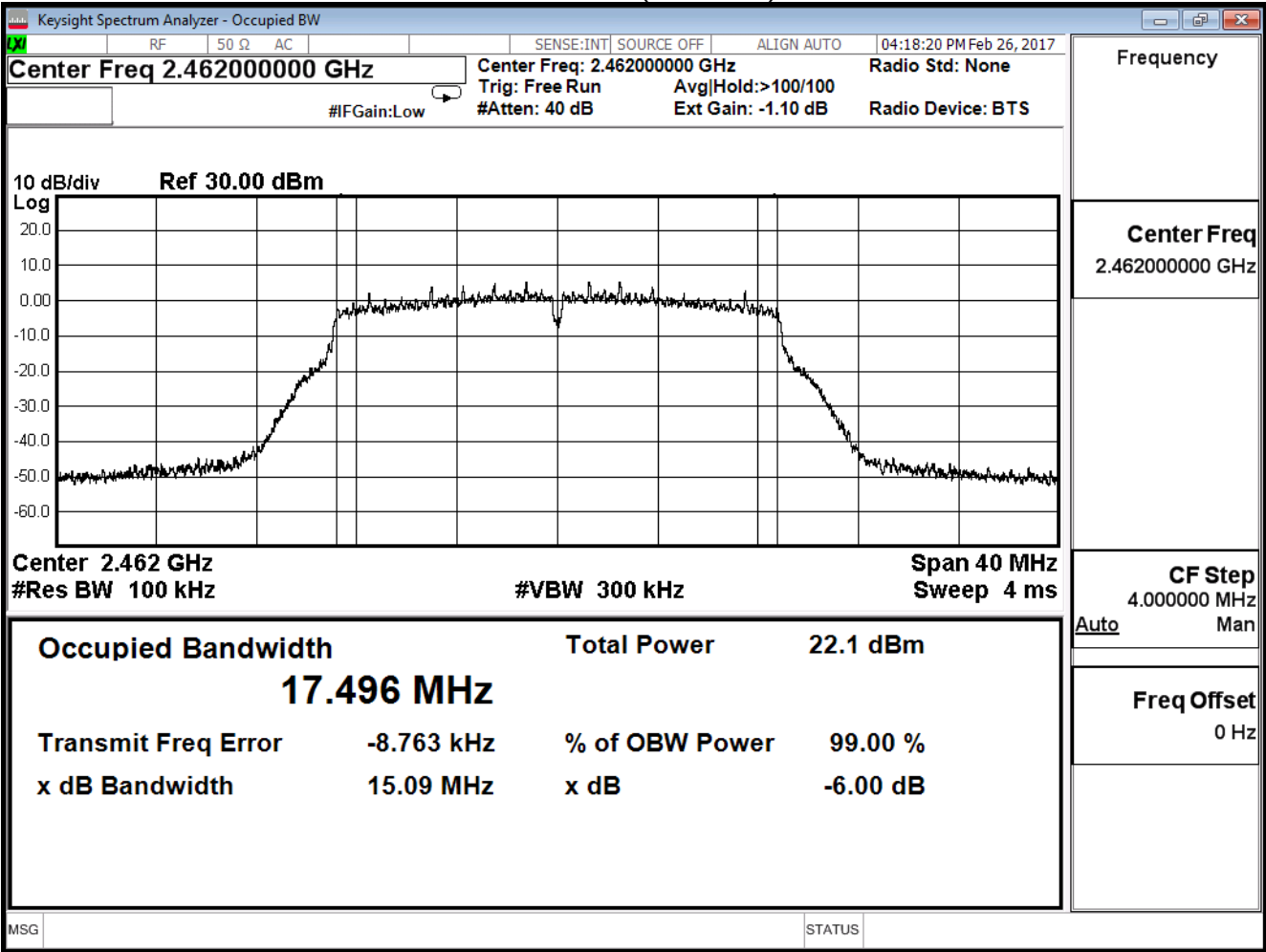
## Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

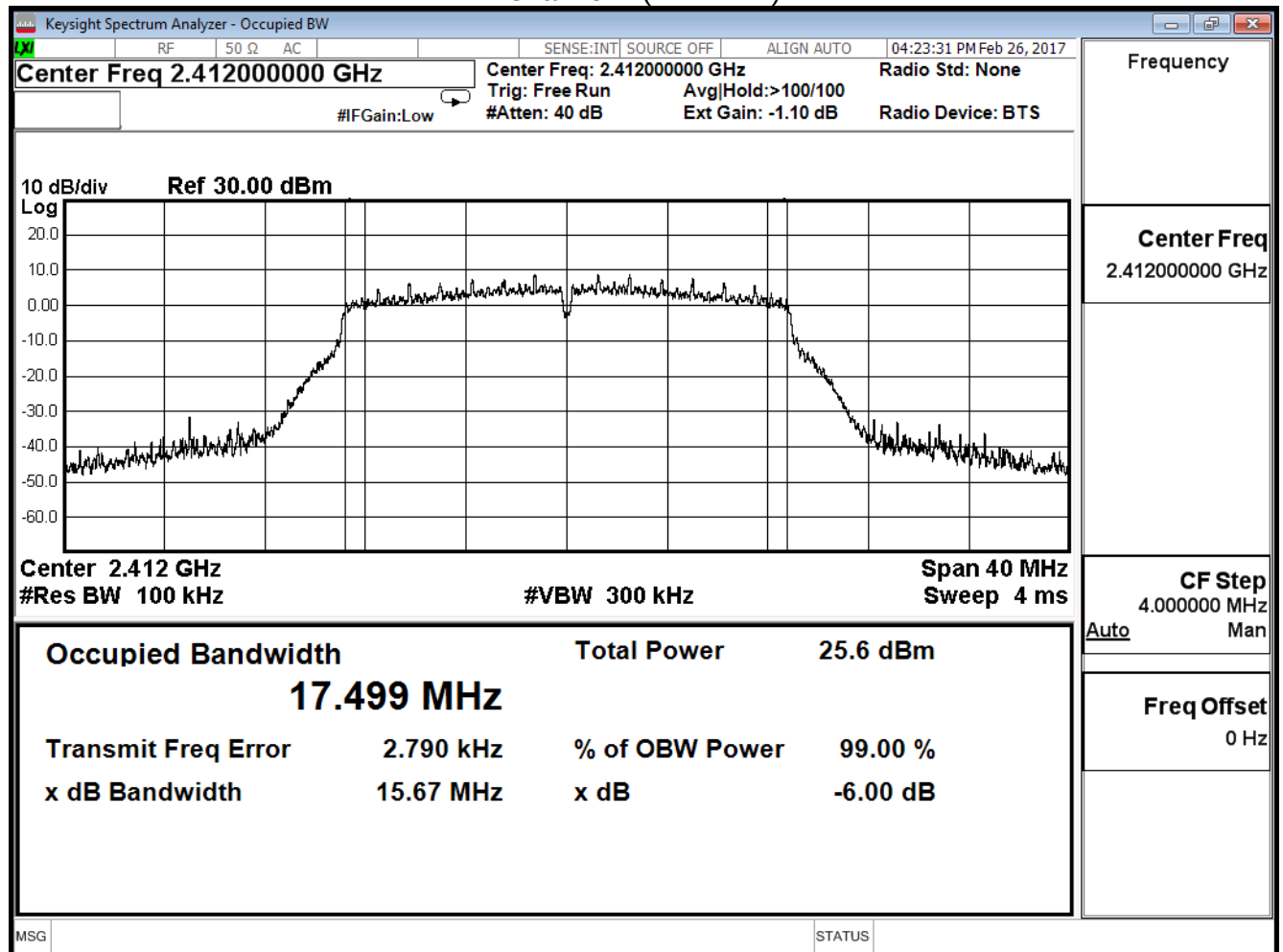


|              |                                                           |           |        |
|--------------|-----------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router                  |           |        |
| Test Item    | DTS Bandwidth                                             |           |        |
| Test Mode    | Mode 2: Tx_AD: AD890326010-2LF_ MIMO Mode (802.11 n20/40) |           |        |
| Date of Test | 2017/02/26                                                | Test Site | SR10-H |

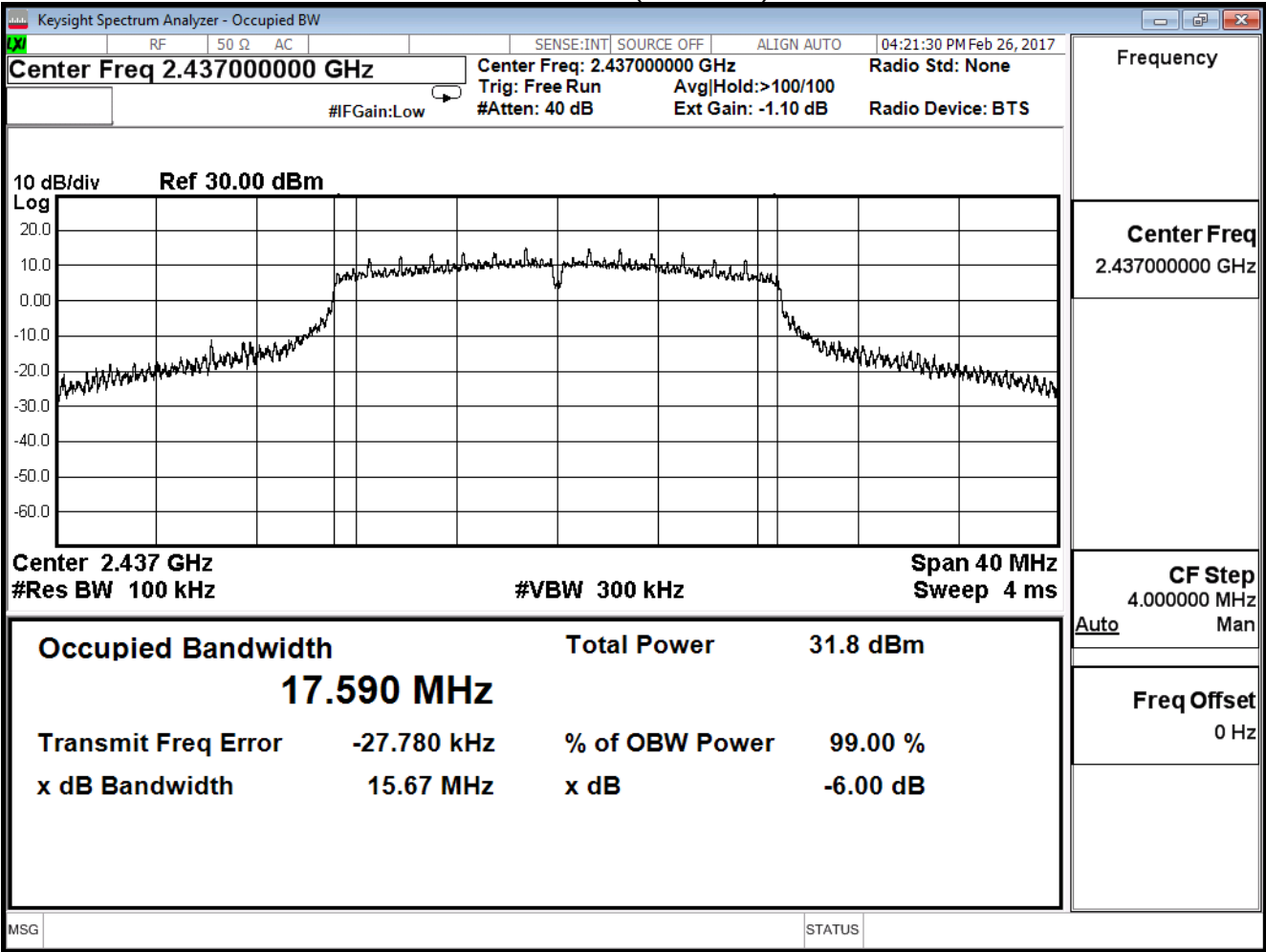
## IEEE 802.11n\_20M (ANT 2)

| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 1           | 2412            | 15.670              | $\geq 0.5$  | Pass   |
| 6           | 2437            | 15.670              | $\geq 0.5$  | Pass   |
| 11          | 2462            | 15.700              | $\geq 0.5$  | Pass   |

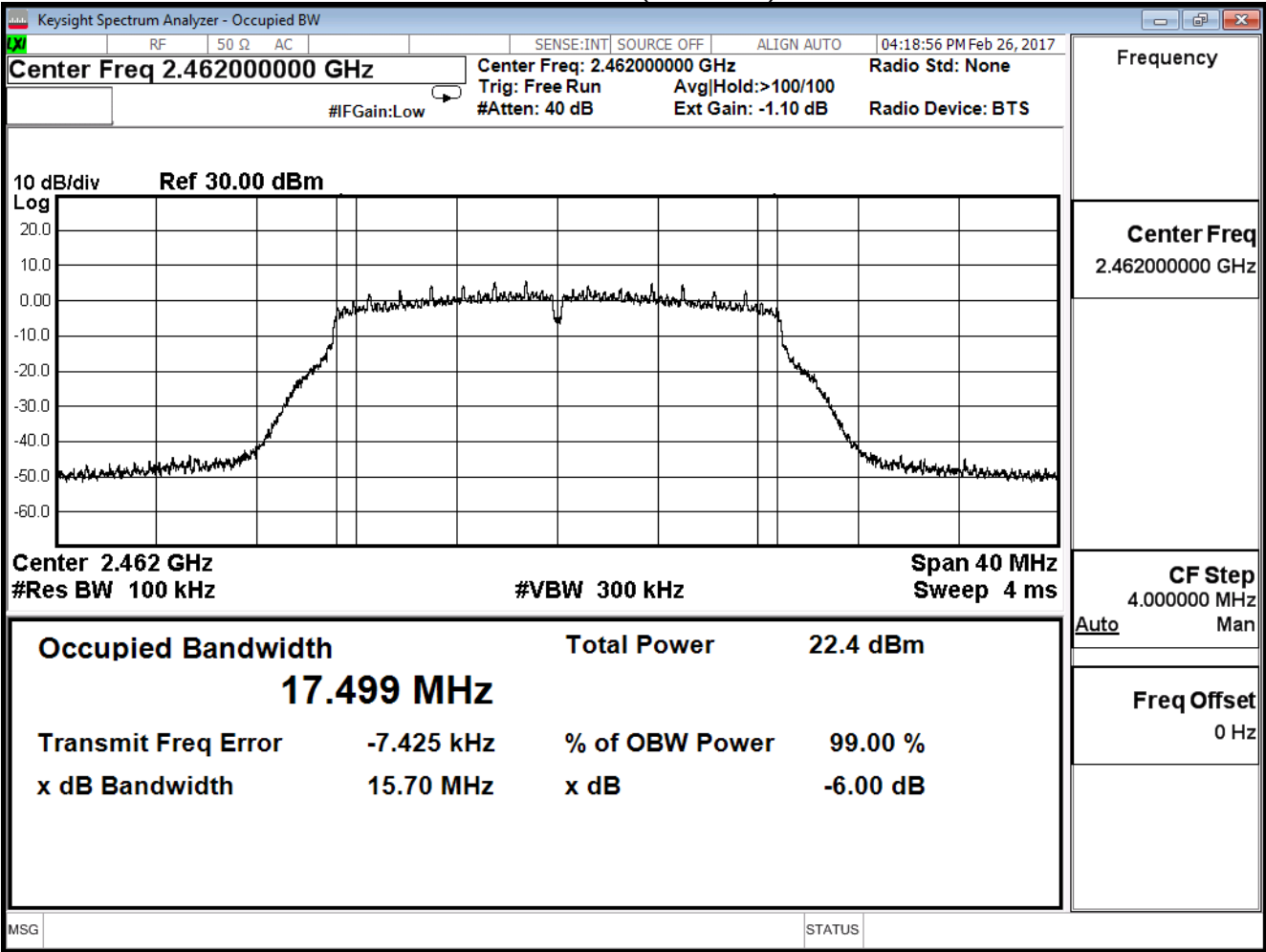
## Channel 1 (2412MHz)



Channel 6 (2437MHz)



Channel 11 (2462MHz)

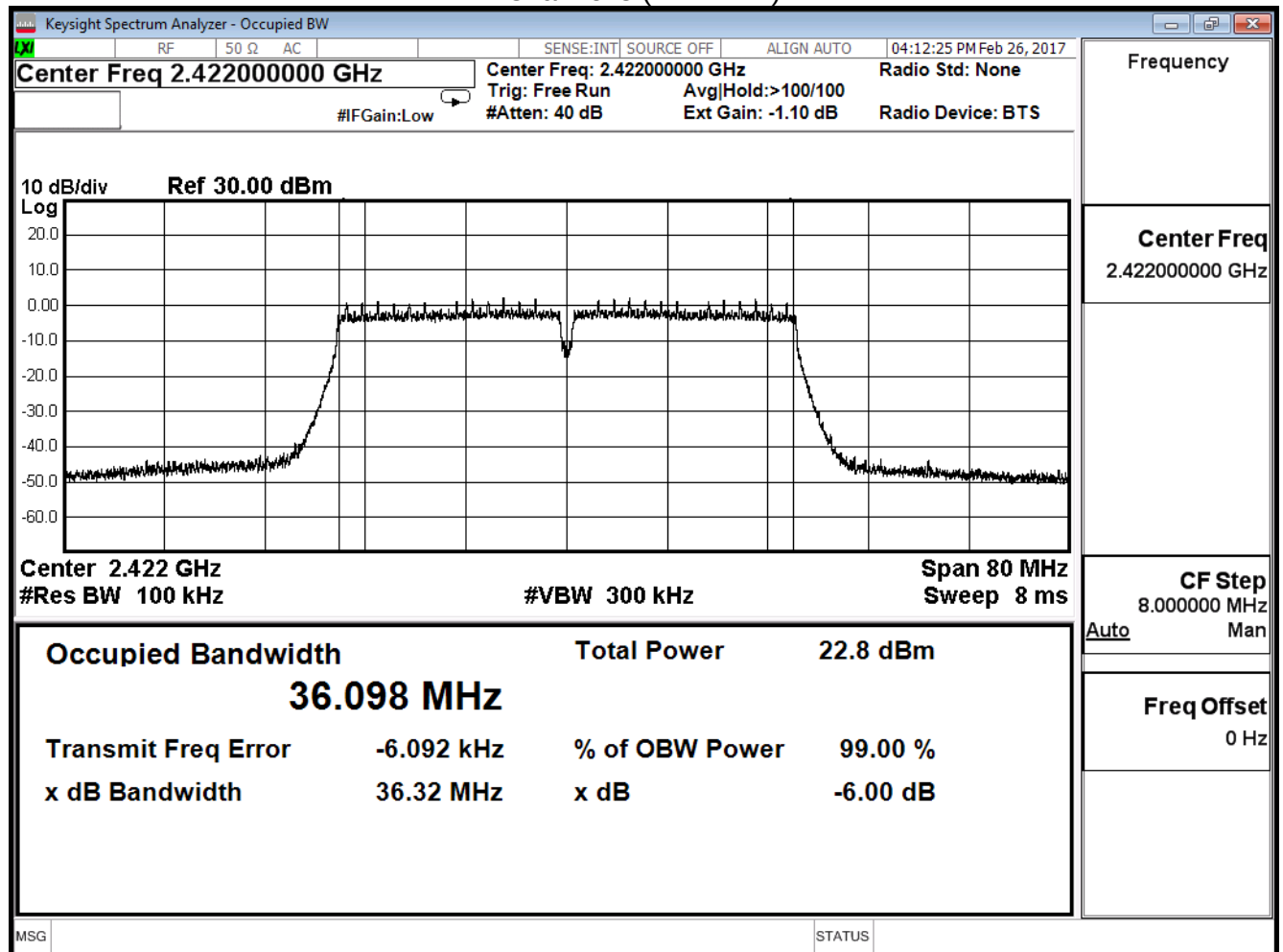


|              |                                                             |           |        |
|--------------|-------------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router                    |           |        |
| Test Item    | DTS Bandwidth                                               |           |        |
| Test Mode    | Mode 2: Tx_AD P: AD890326010-2LF_ MIMO Mode (802.11 n20/40) |           |        |
| Date of Test | 2017/02/26                                                  | Test Site | SR10-H |

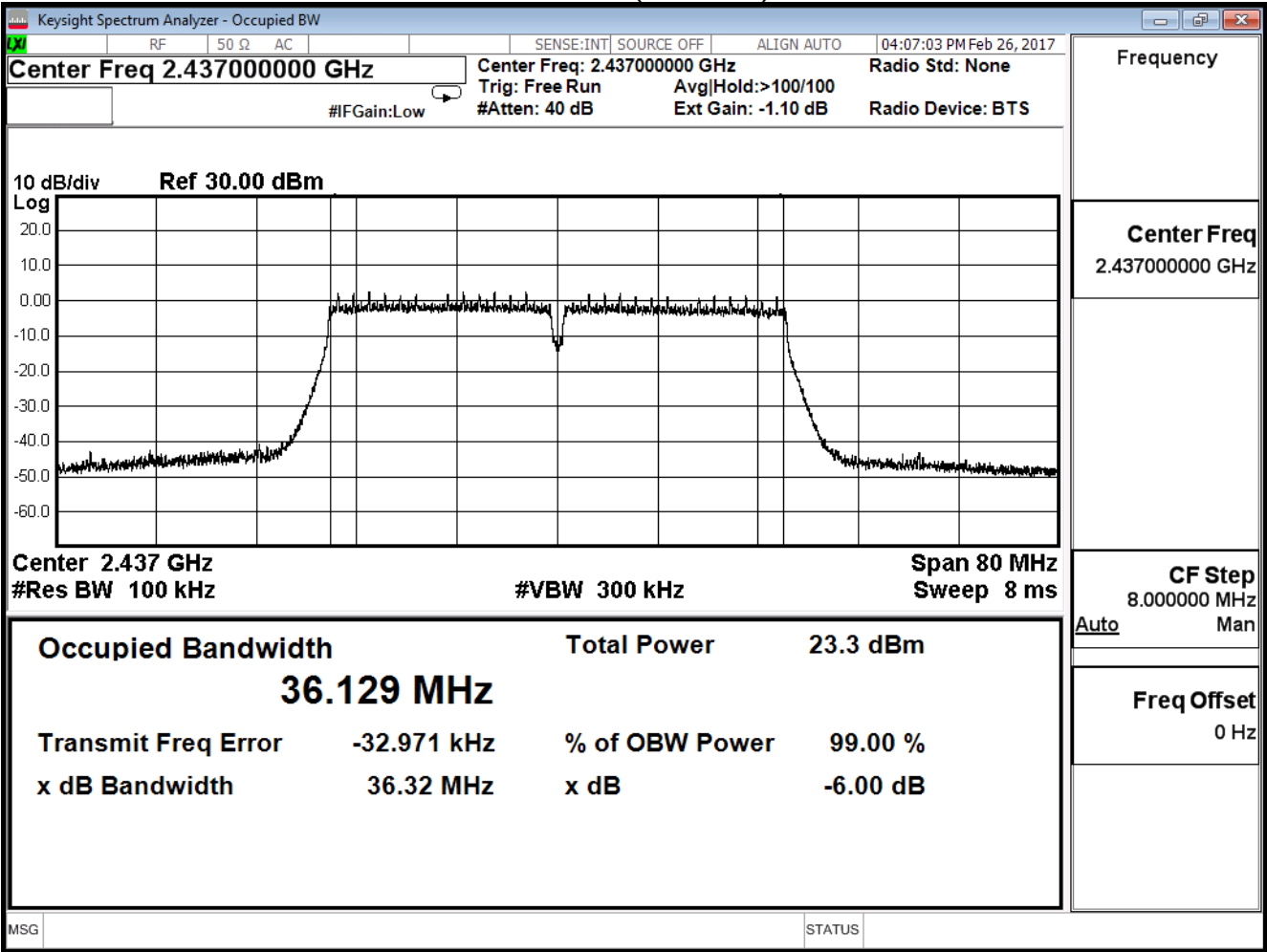
## IEEE 802.11n\_40M (ANT 0)

| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 3           | 2422            | 36.320              | $\geq 0.5$  | Pass   |
| 6           | 2437            | 36.320              | $\geq 0.5$  | Pass   |
| 9           | 2452            | 36.350              | $\geq 0.5$  | Pass   |

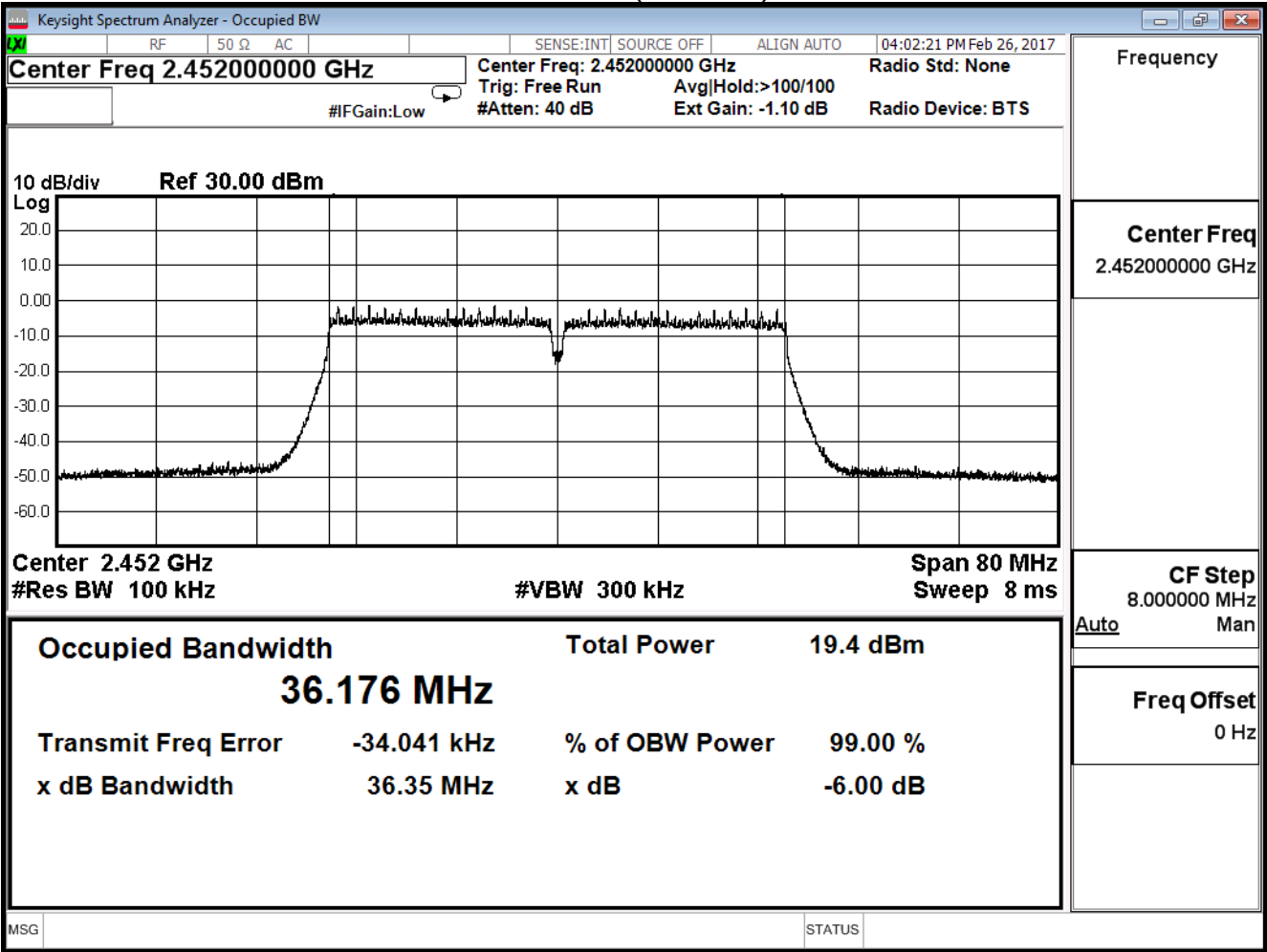
## Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)

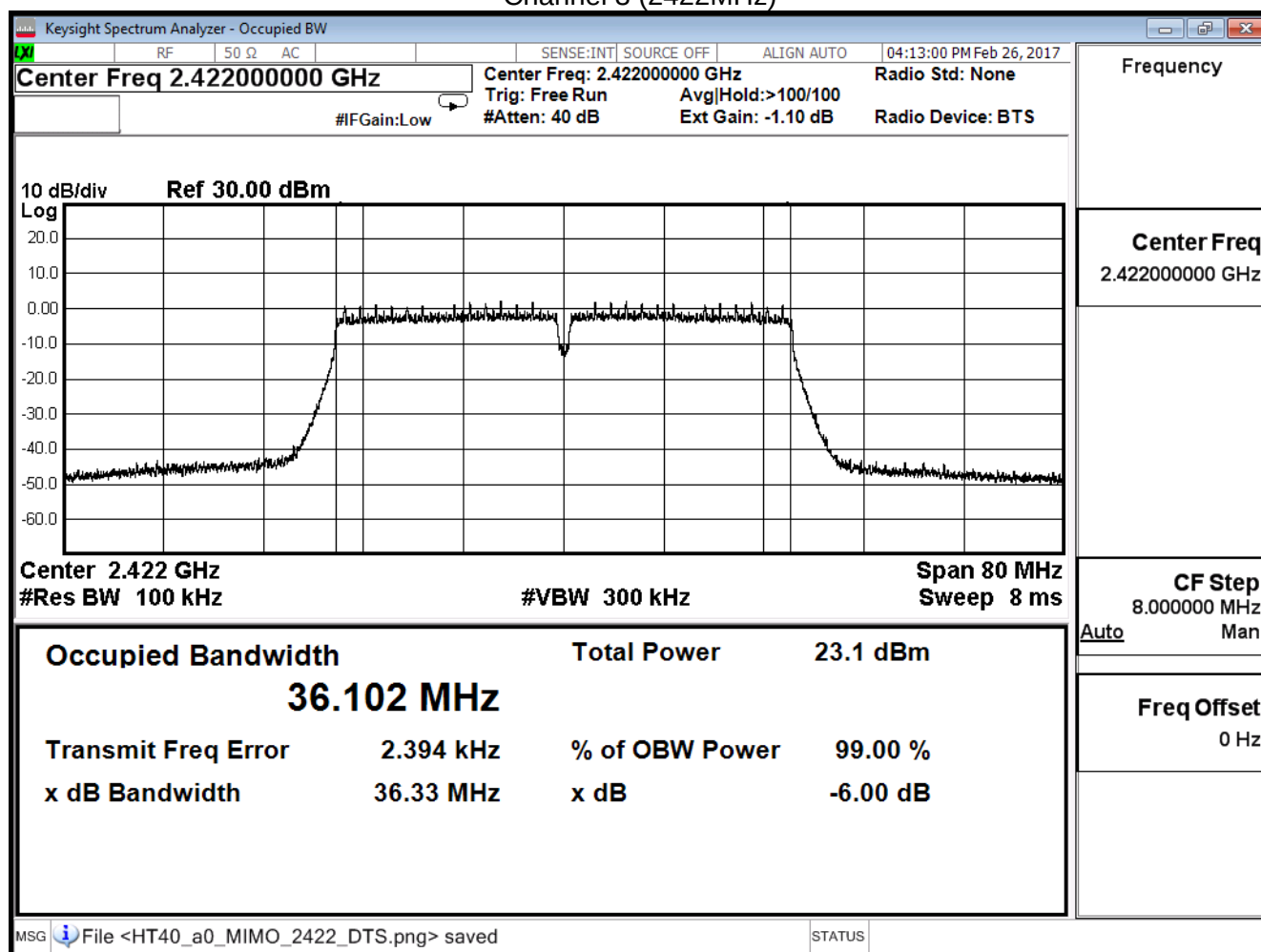


|              |                                                            |           |        |
|--------------|------------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router                   |           |        |
| Test Item    | DTS Bandwidth                                              |           |        |
| Test Mode    | Mode 2: Tx_ADp: AD890326010-2LF_ MIMO Mode (802.11 n20/40) |           |        |
| Date of Test | 2017/02/26                                                 | Test Site | SR10-H |

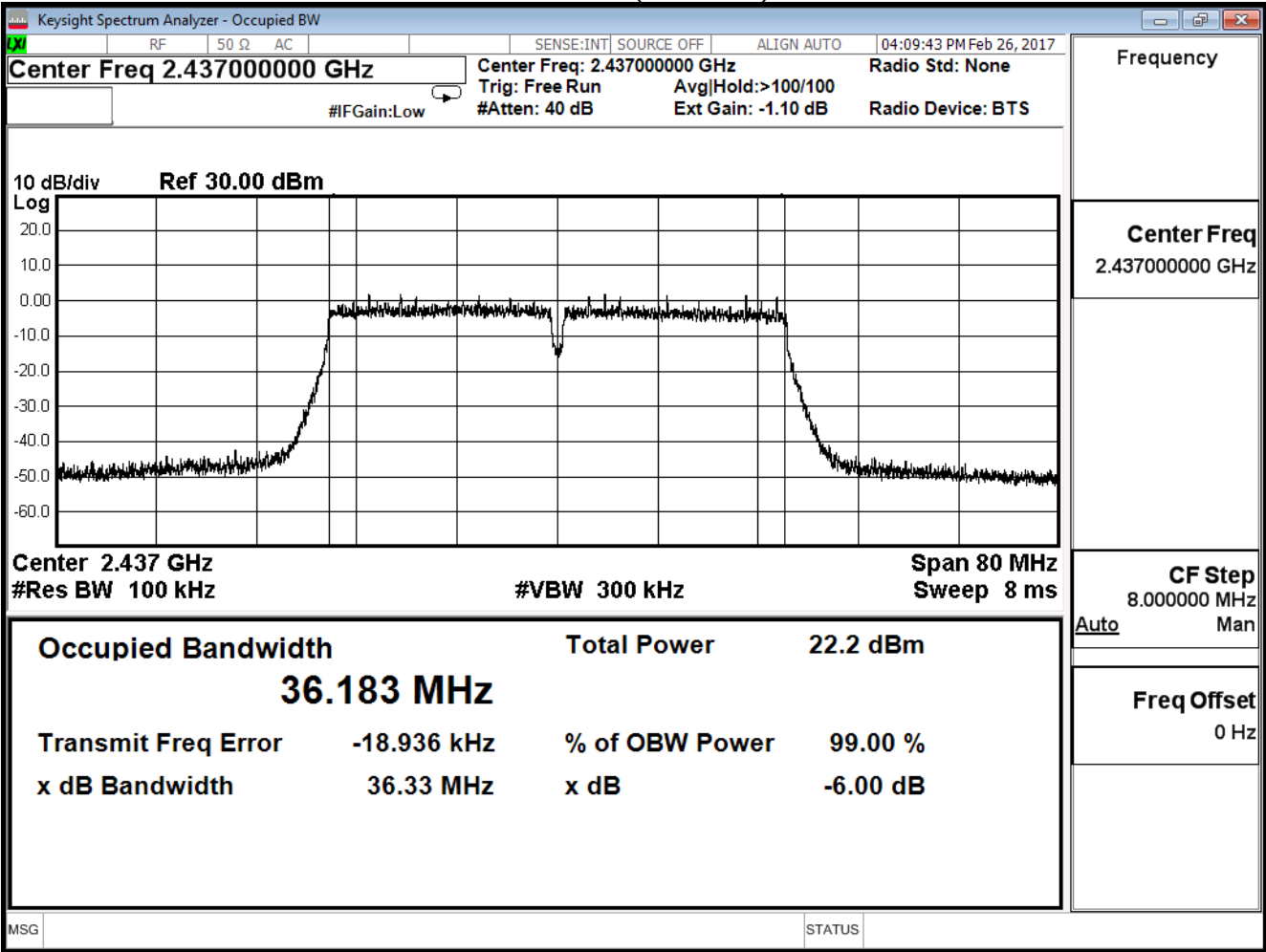
## IEEE 802.11n\_40M (ANT 1)

| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 3           | 2422            | 36.330              | $\geq 0.5$  | Pass   |
| 6           | 2437            | 36.330              | $\geq 0.5$  | Pass   |
| 9           | 2452            | 36.340              | $\geq 0.5$  | Pass   |

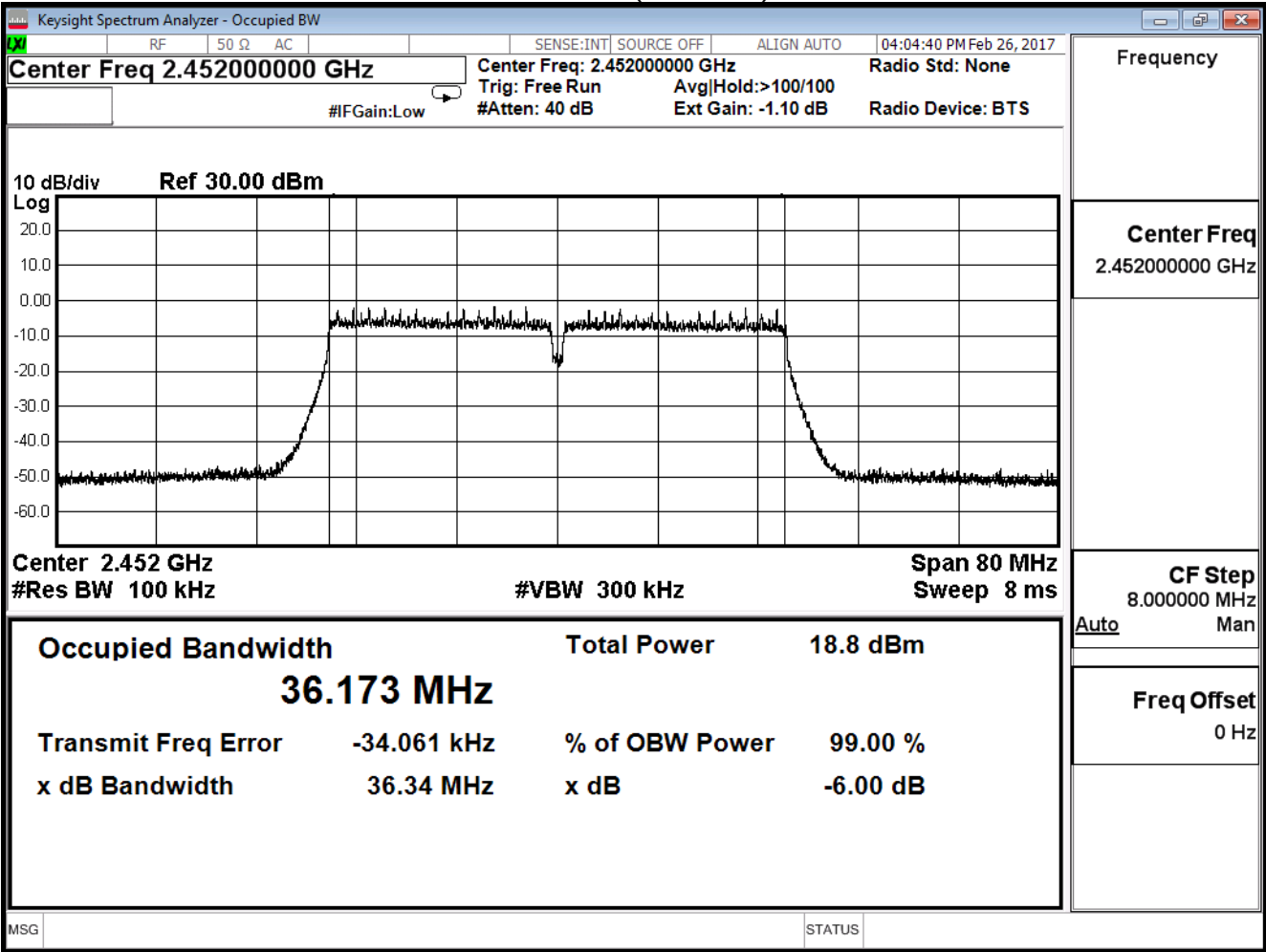
## Channel 3 (2422MHz)



Channel 6 (2437MHz)



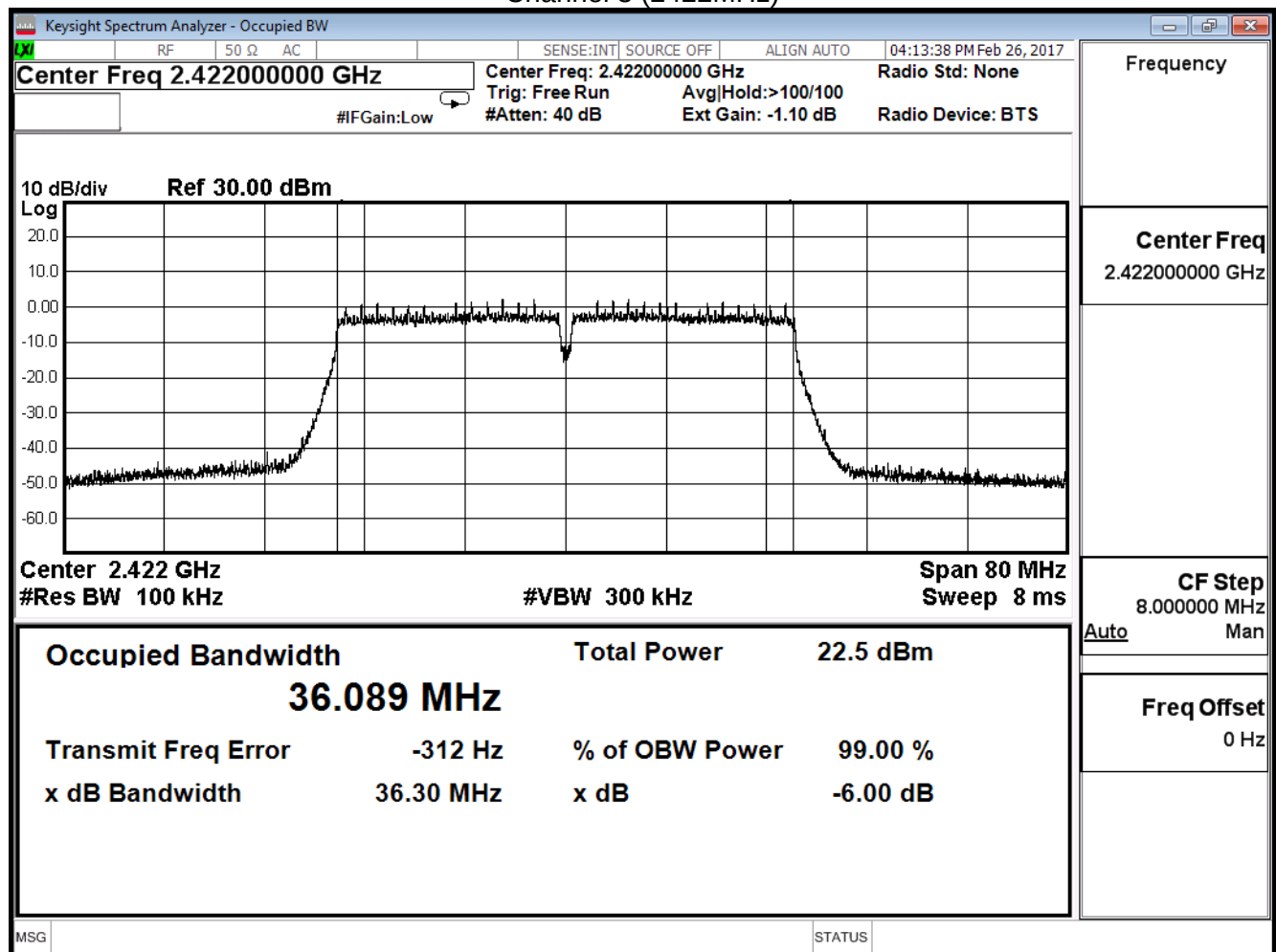
Channel 9 (2452MHz)



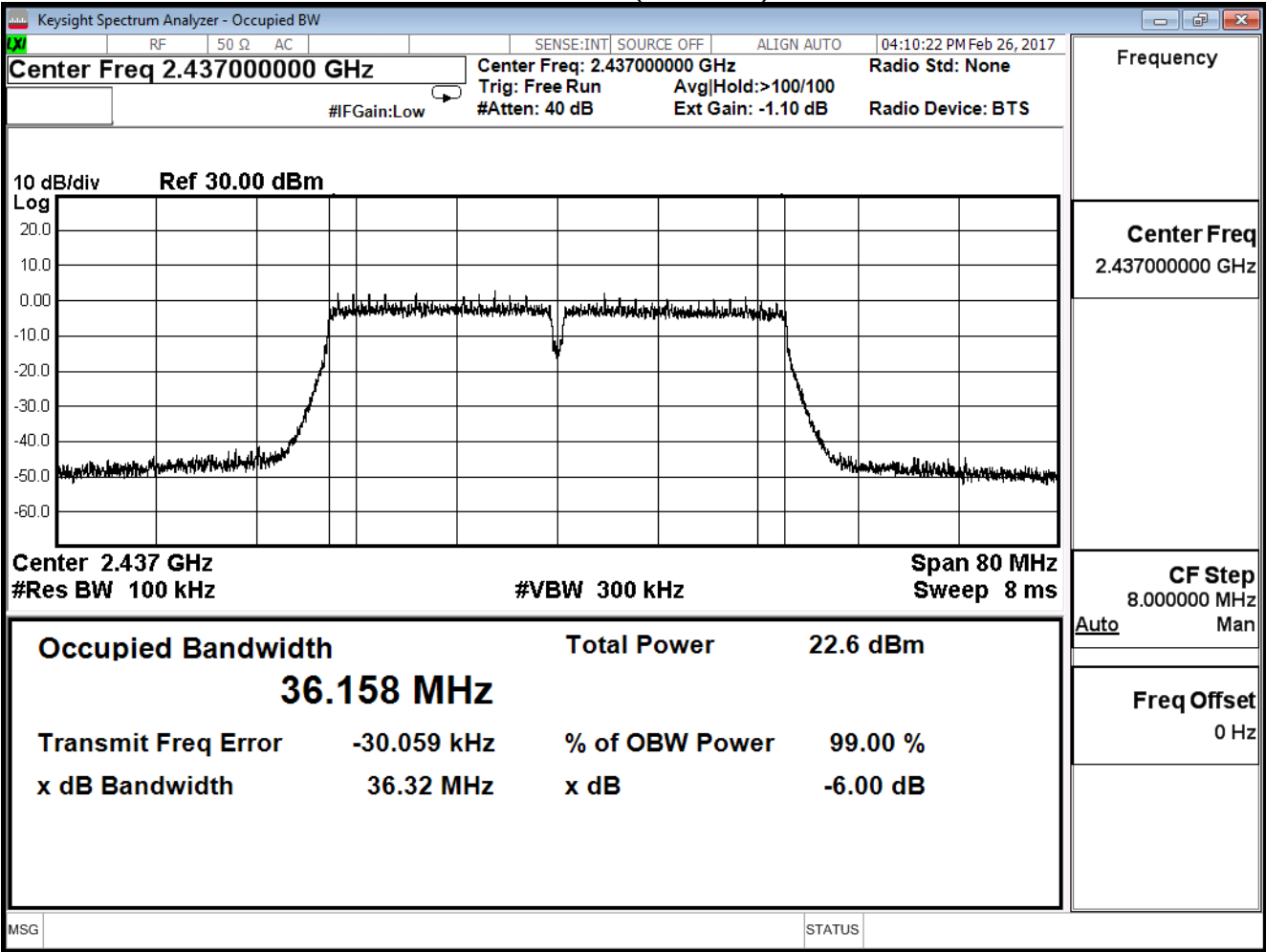
|              |                                                             |           |        |
|--------------|-------------------------------------------------------------|-----------|--------|
| Product      | Wireless-AC2900 Dual Band Gigabit Router                    |           |        |
| Test Item    | DTS Bandwidth                                               |           |        |
| Test Mode    | Mode 2: Tx_AD P: AD890326010-2LF_ MIMO Mode (802.11 n20/40) |           |        |
| Date of Test | 2017/02/26                                                  | Test Site | SR10-H |

| IEEE 802.11n_40M (ANT 2) |                 |                     |             |        |
|--------------------------|-----------------|---------------------|-------------|--------|
| Channel No.              | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
| 3                        | 2422            | 36.300              | $\geq 0.5$  | Pass   |
| 6                        | 2437            | 36.320              | $\geq 0.5$  | Pass   |
| 9                        | 2452            | 36.330              | $\geq 0.5$  | Pass   |

Channel 3 (2422MHz)



Channel 6 (2437MHz)



Channel 9 (2452MHz)

