

## 5. RF antenna conducted test

### 5.1. Test Equipment

The following test equipments are used during the test:

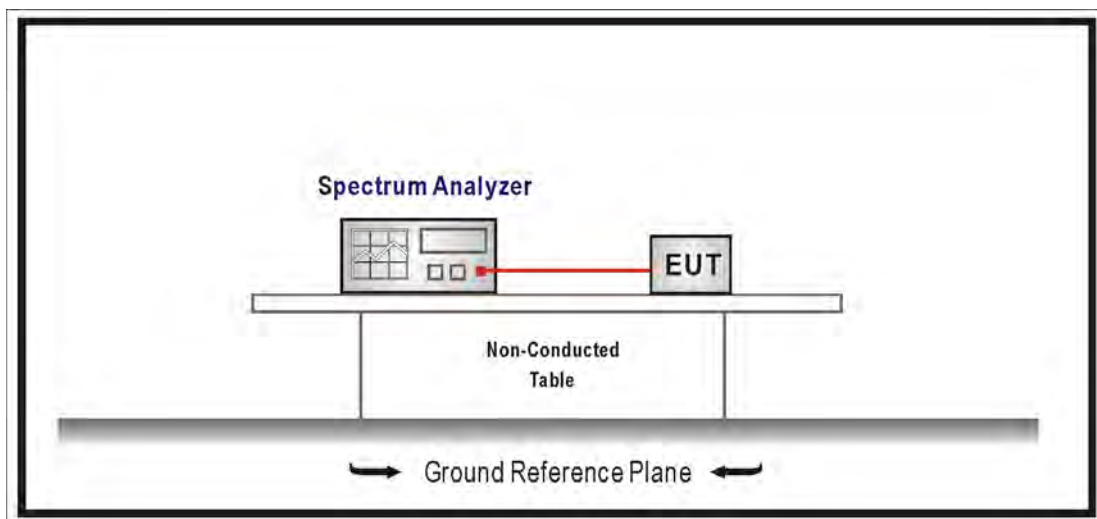
#### RF antenna conducted test / SR7

| Instrument        | Manufacturer | Model No.  | Serial No  | Next Cal. Date |
|-------------------|--------------|------------|------------|----------------|
| Spectrum Analyzer | Agilent      | N9010A-EXA | US47140172 | 2014/08/05     |

Note: 1. 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 C63.4: 2009 and tested according to DTS test procedure of Oct. 2012 KDB5580744 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: 2012

### **5.6. Uncertainty**

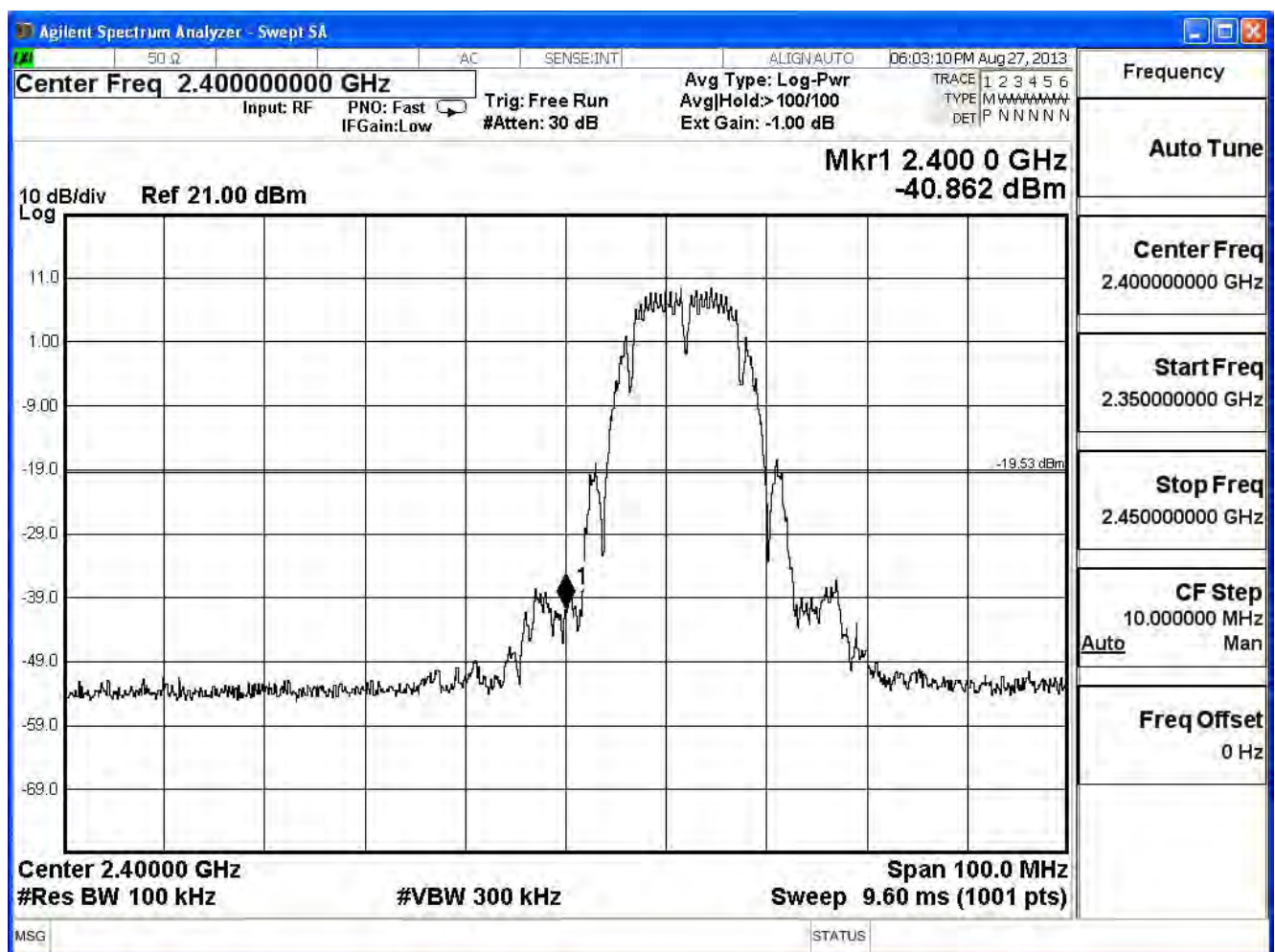
Conducted is defined as  $\pm 1.27\text{dB}$

## 5.7. Test Result

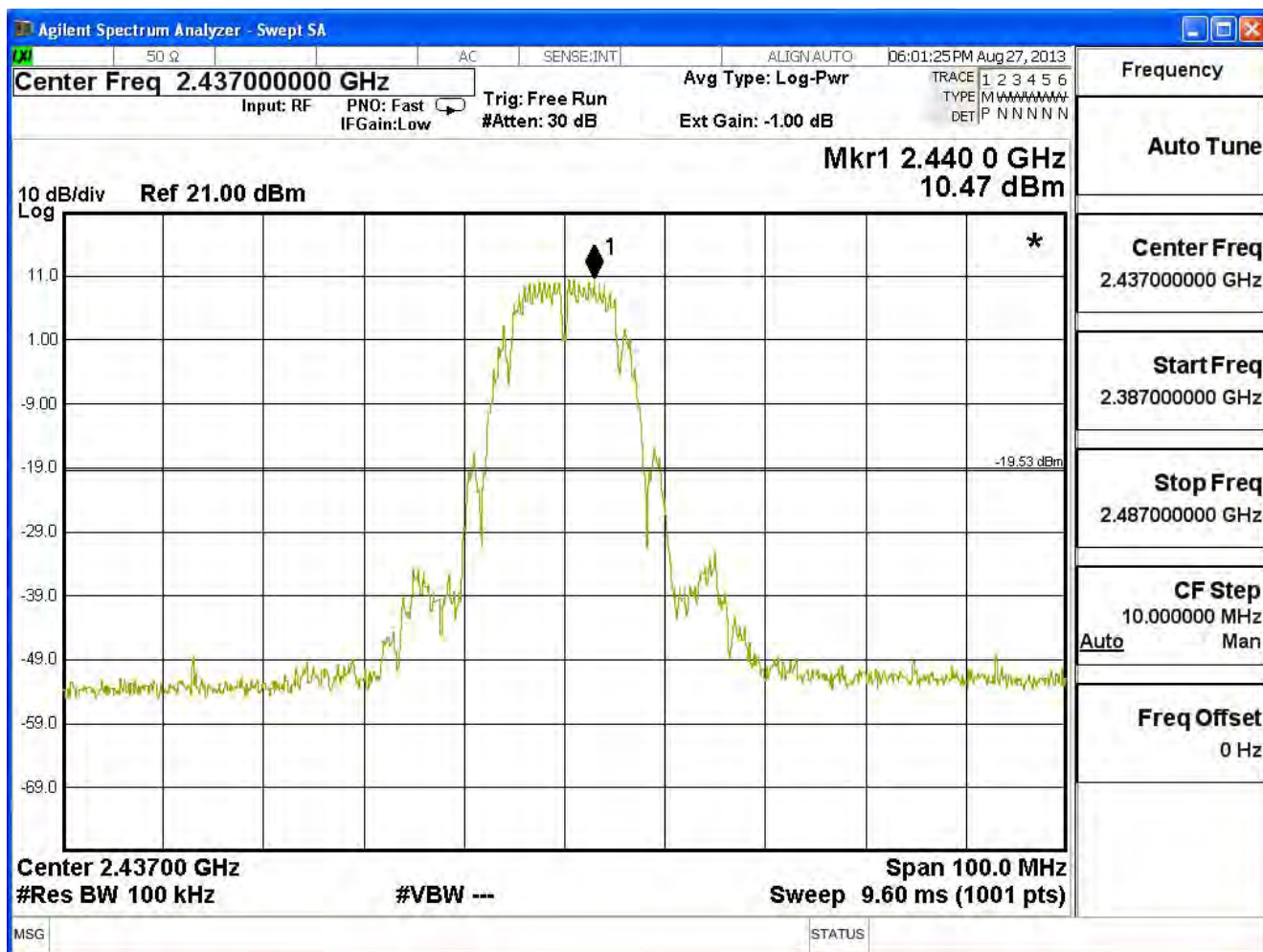
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode) Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11b (ANT0), Duty Cycle: 1 |                 |                     |             |        |
|------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                        | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 1                                  | 2412            | 51.33               | $\geq 30$   | Pass   |
| 11                                 | 2462            | 55.74               | $\geq 30$   | Pass   |

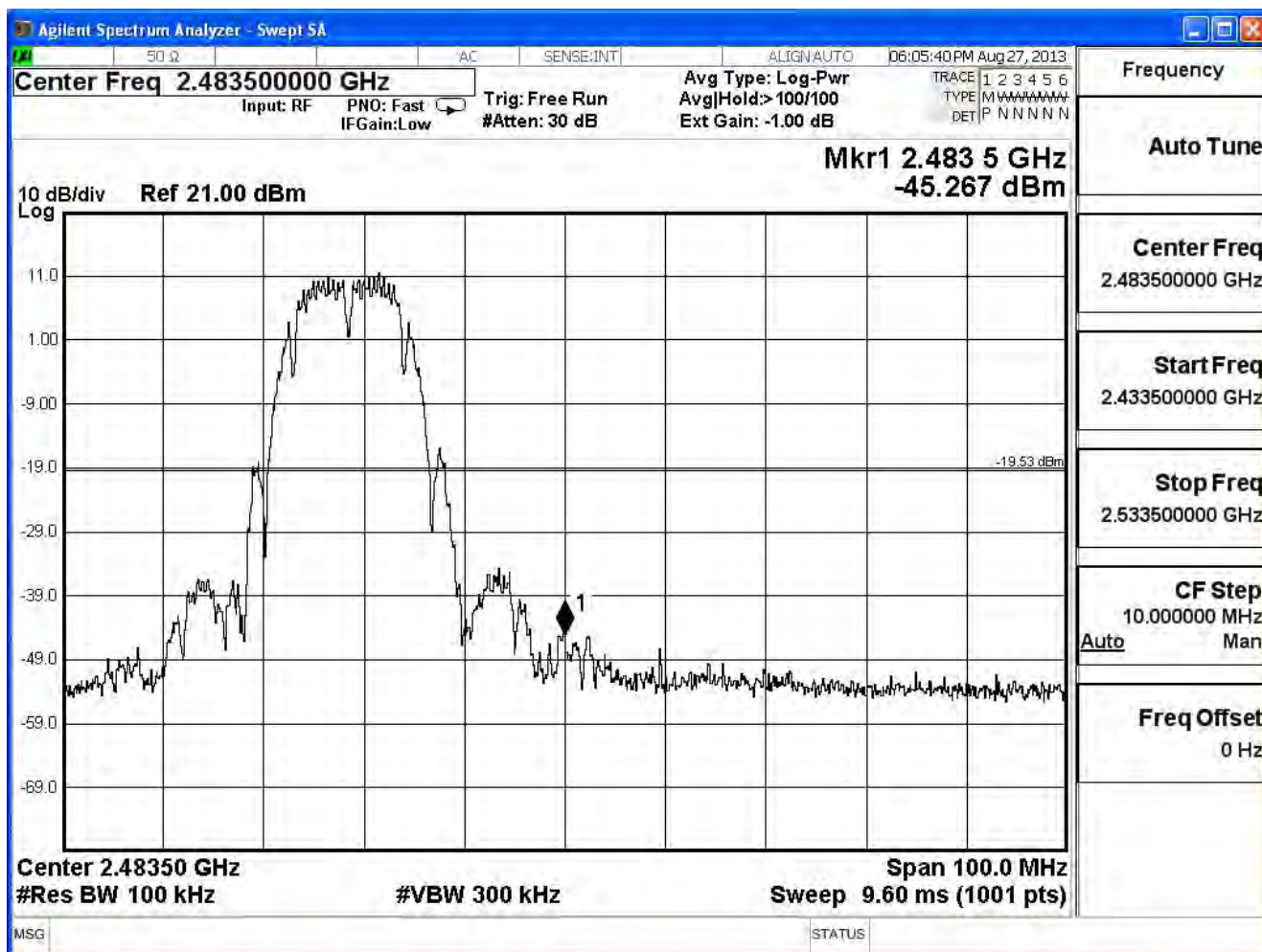
### Channel 01 (2412MHz)



Channel 06 (2437MHz)



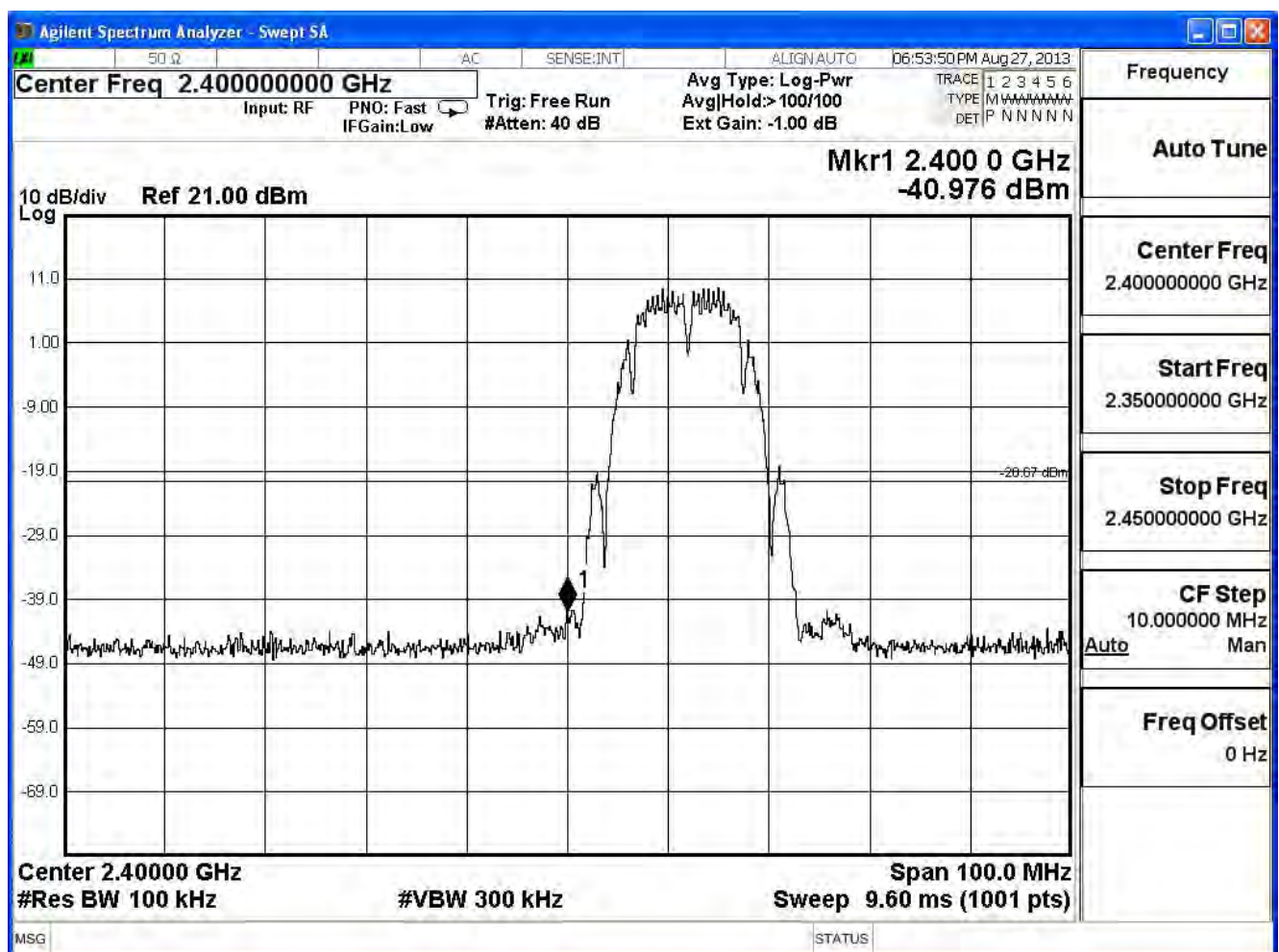
Channel 11 (2462MHz)



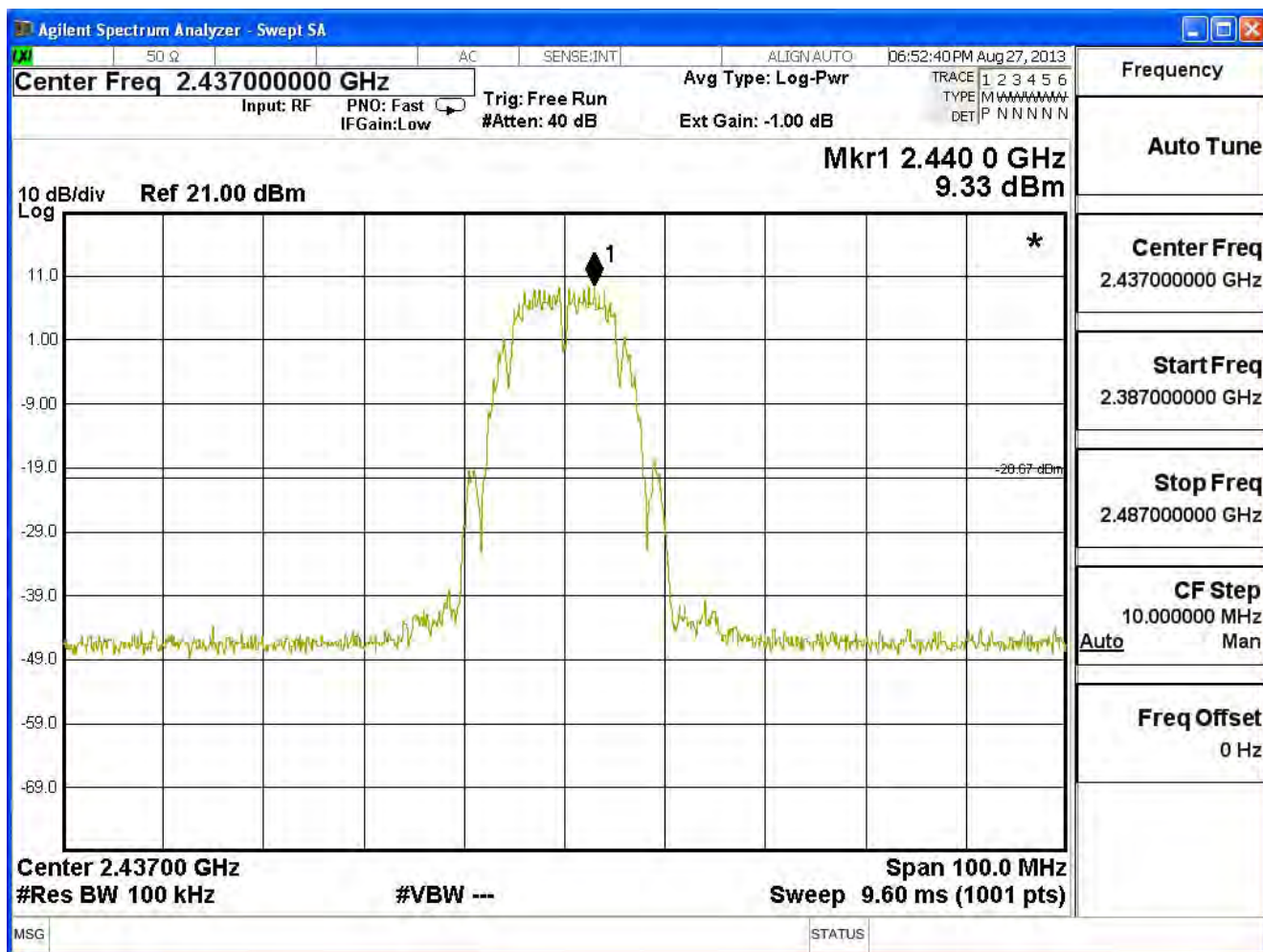
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode) Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11b (ANT1), Duty Cycle: 1 |                 |                     |             |        |
|------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                        | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 1                                  | 2412            | 50.31               | $\geq 30$   | Pass   |
| 11                                 | 2462            | 55.48               | $\geq 30$   | Pass   |

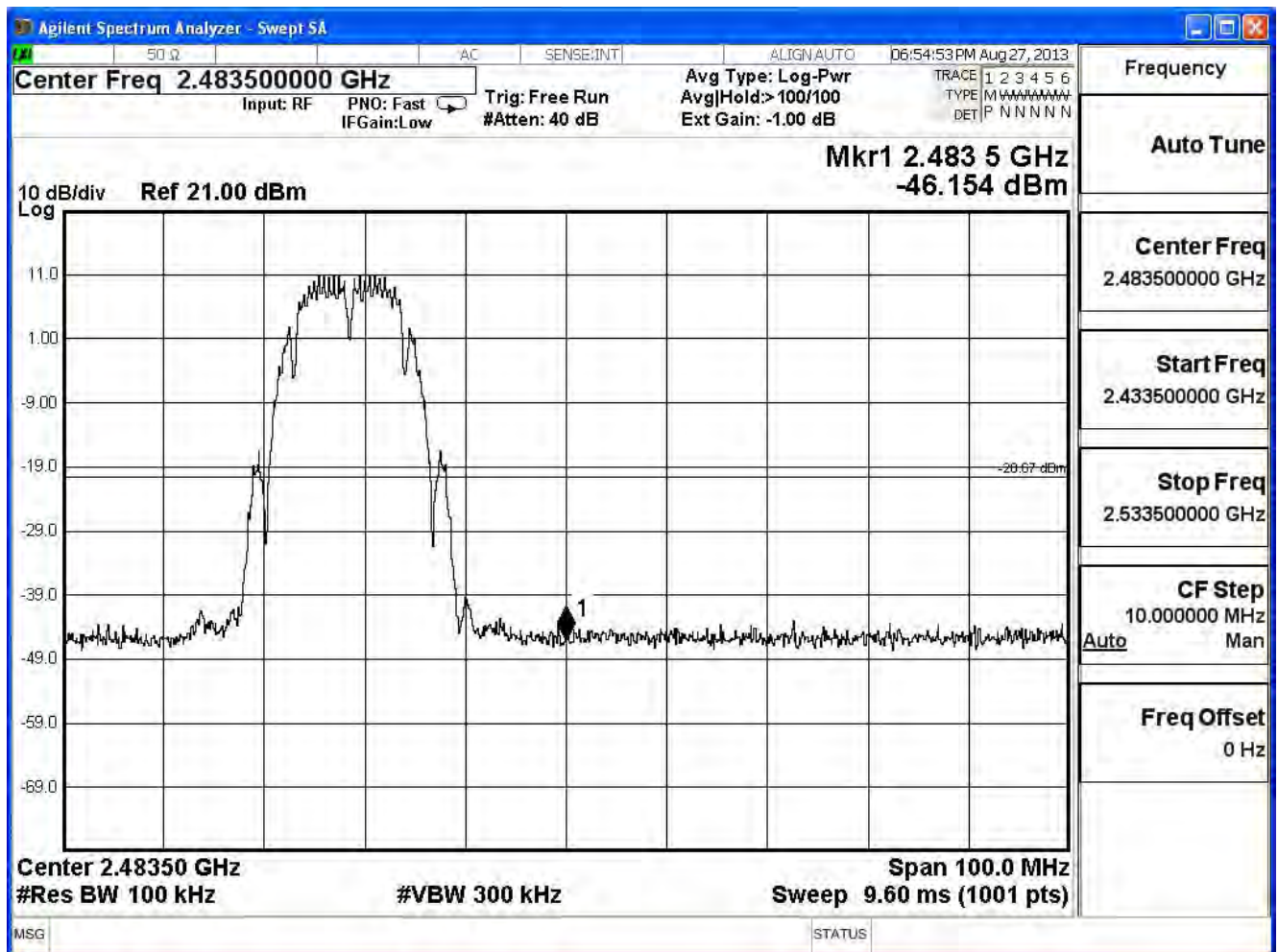
## Channel 01 (2412MHz)



Channel 06 (2437MHz)



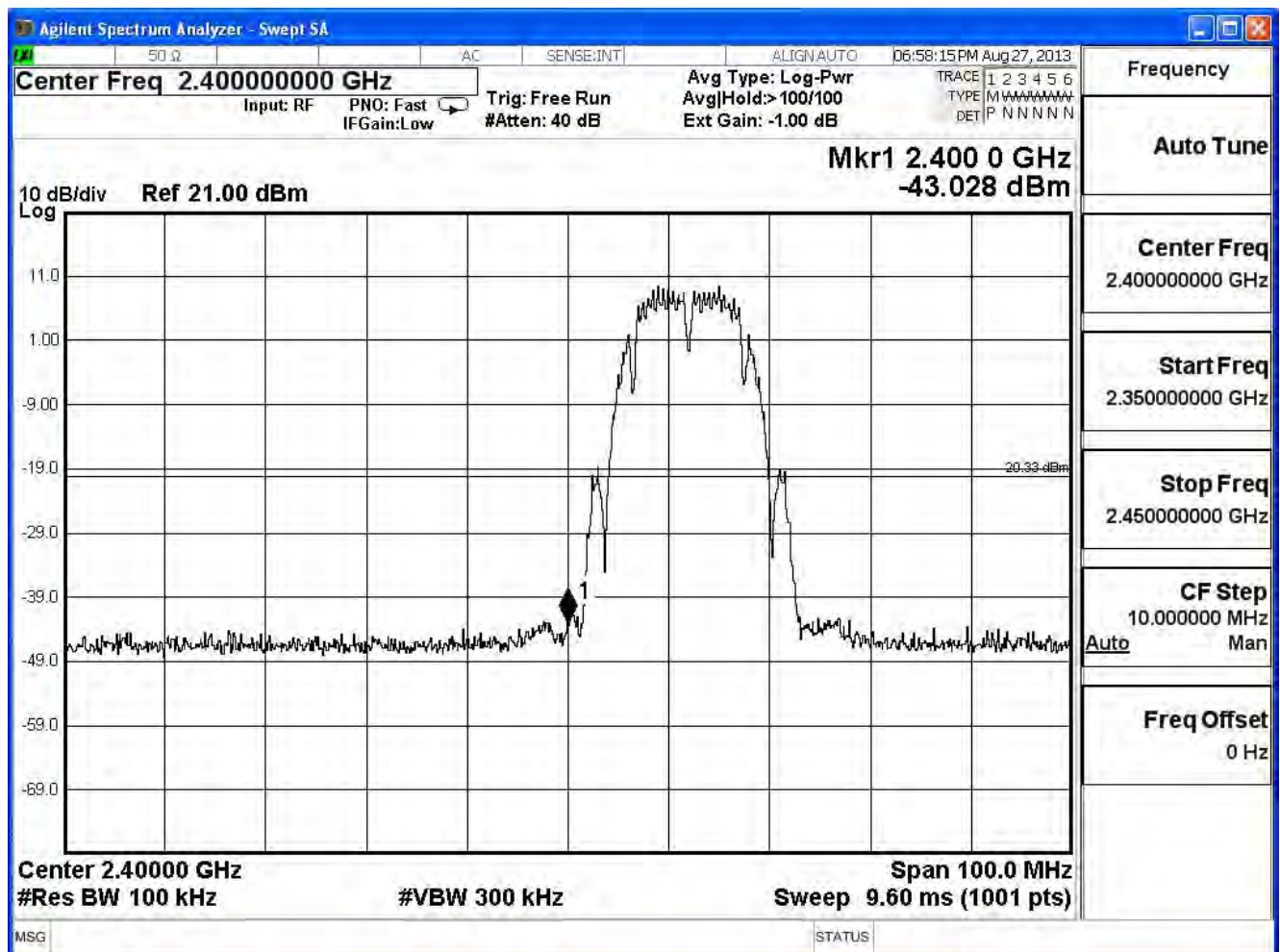
Channel 11 (2462MHz)



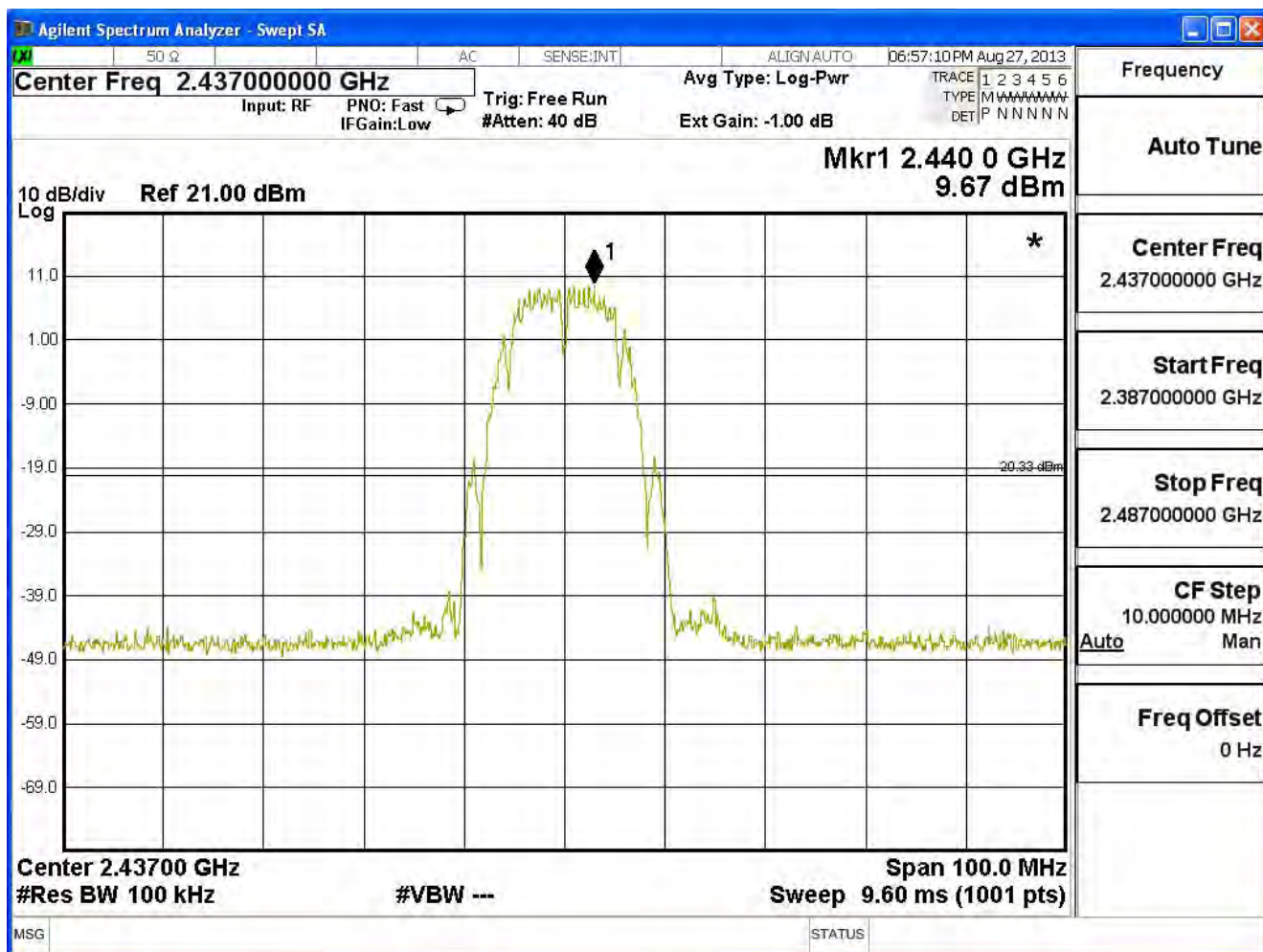
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode) Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11b (ANT2), Duty Cycle: 1 |                 |                     |             |        |
|------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                        | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 1                                  | 2412            | 52.70               | $\geq 30$   | Pass   |
| 11                                 | 2462            | 55.43               | $\geq 30$   | Pass   |

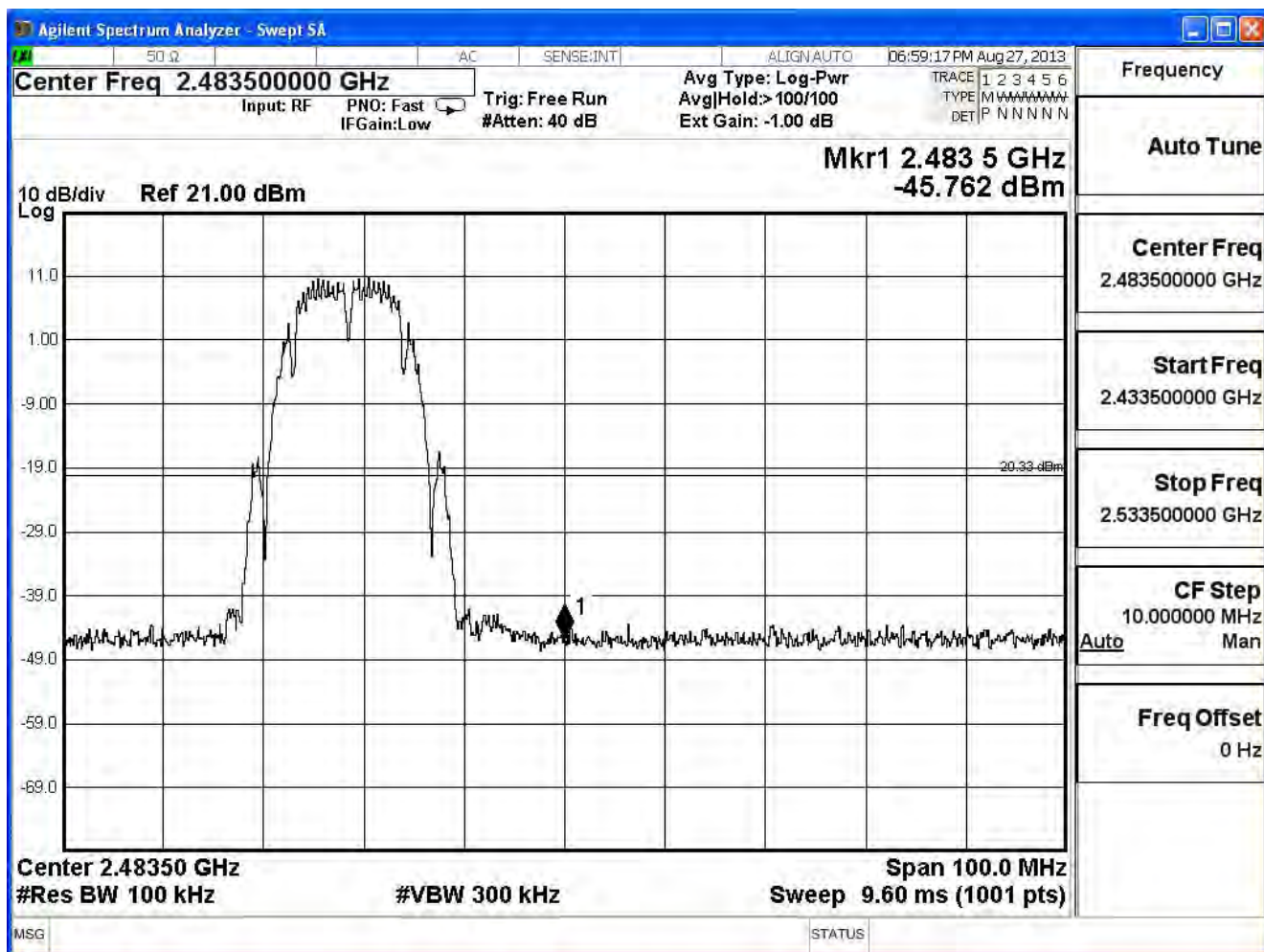
## Channel 01 (2412MHz)



Channel 06 (2437MHz)



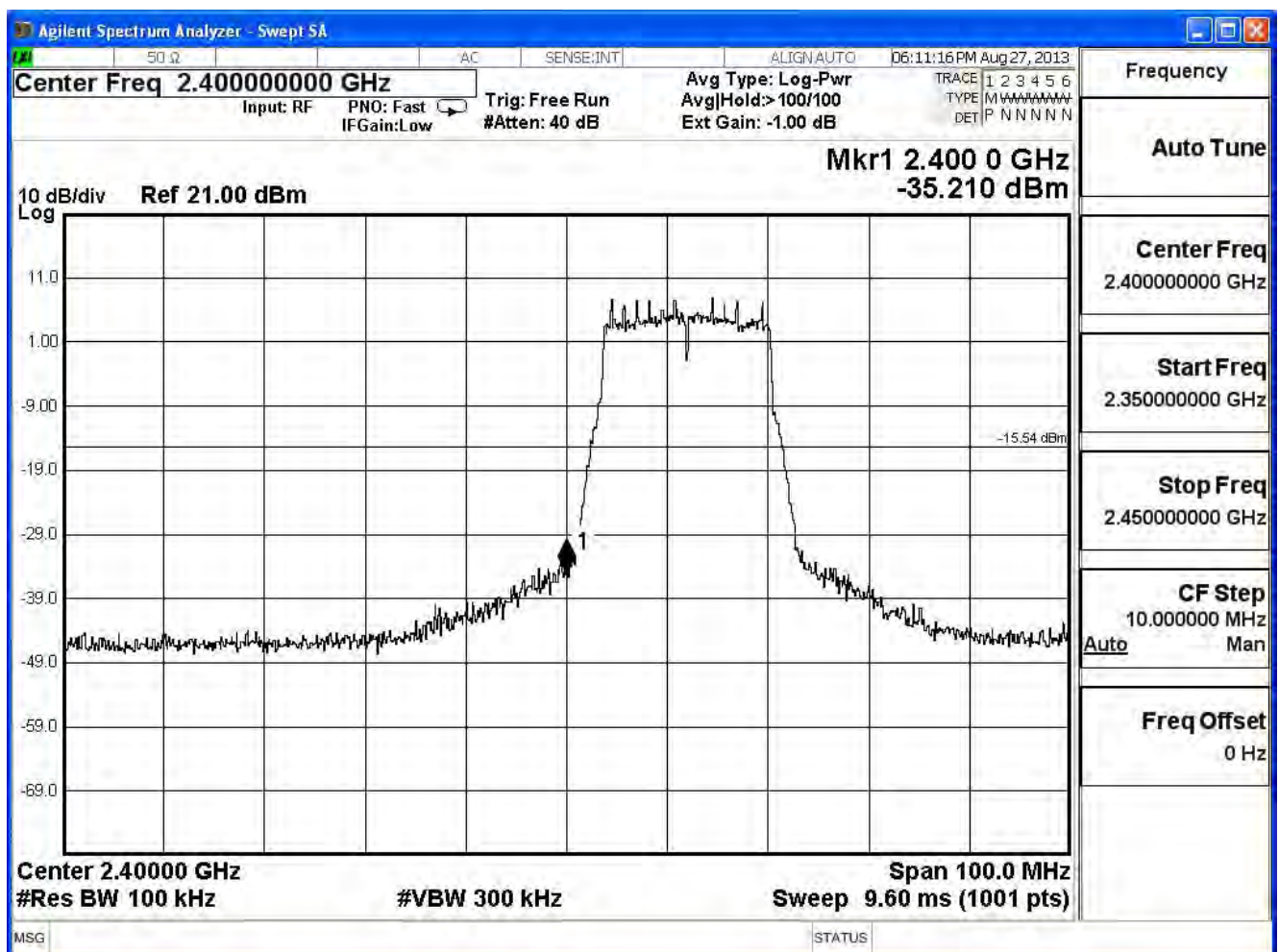
Channel 11 (2462MHz)



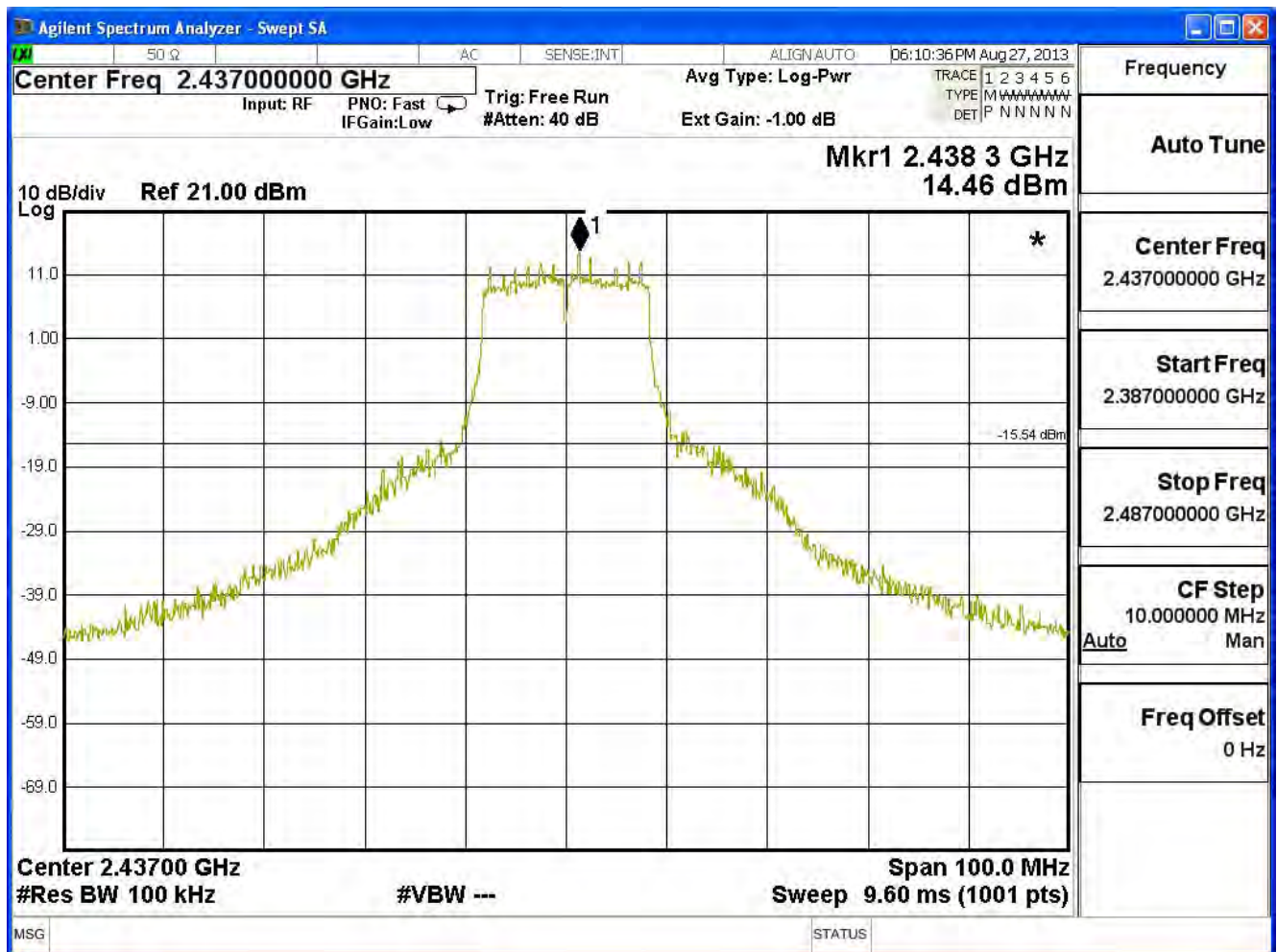
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11g (ANT0), Duty Cycle: 1 |                 |                     |             |        |
|------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                        | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 1                                  | 2412            | 48.36               | $\geq 30$   | Pass   |
| 11                                 | 2462            | 58.32               | $\geq 30$   | Pass   |

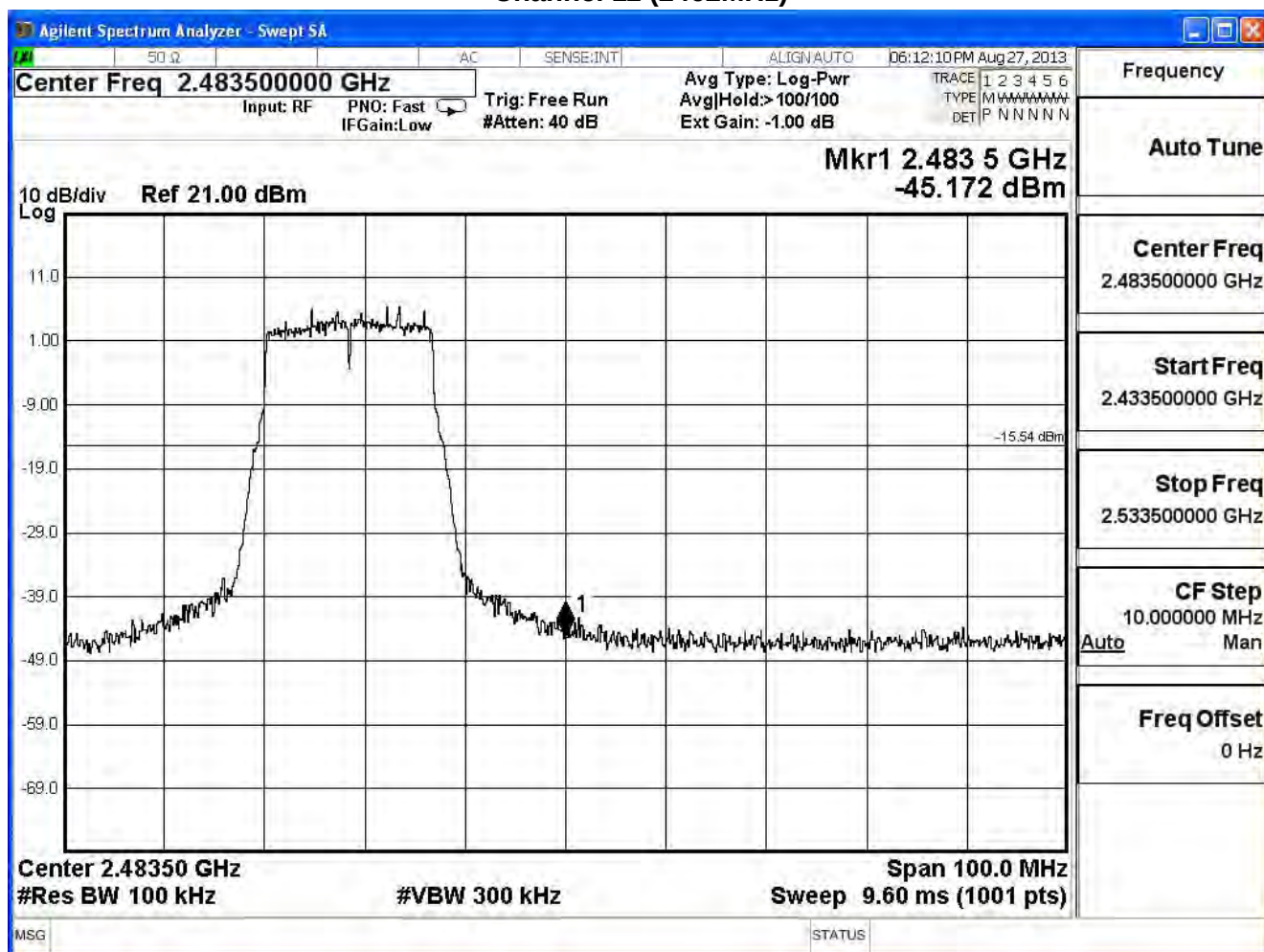
### Channel 01 (2412MHz)



Channel 06 (2437MHz)



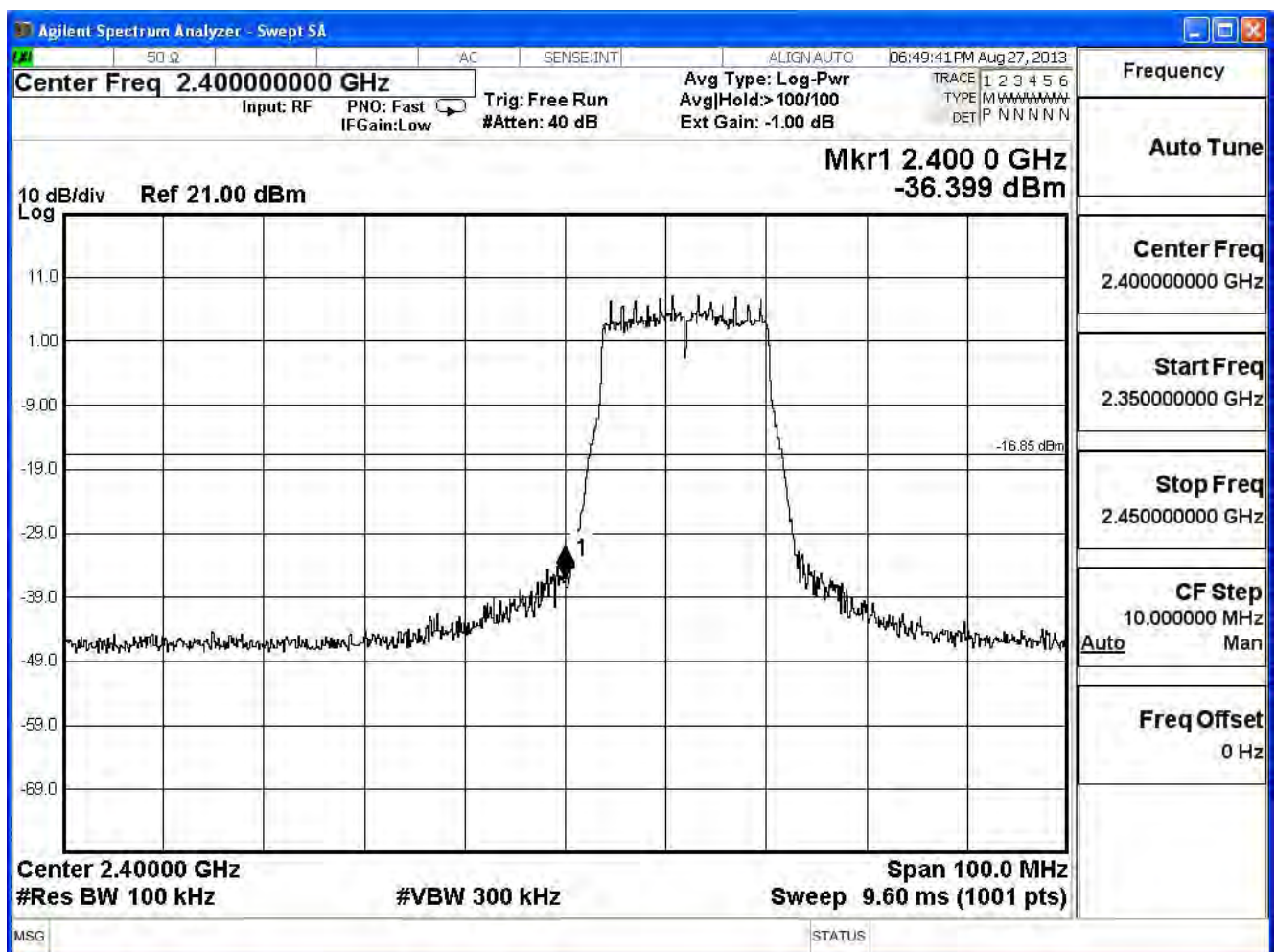
Channel 11 (2462MHz)



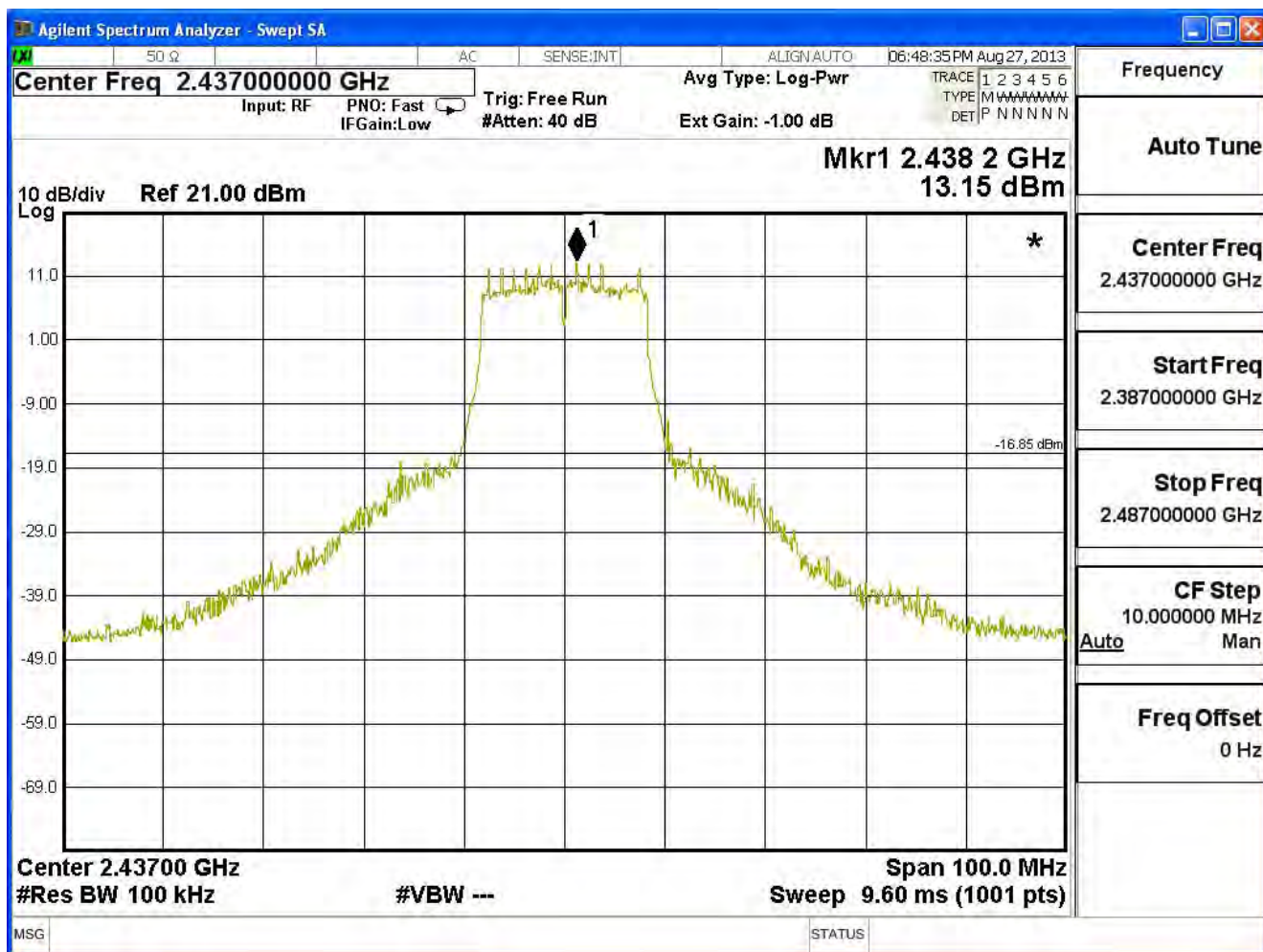
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11g (ANT1), Duty Cycle: 1 |                    |                        |                |        |
|------------------------------------|--------------------|------------------------|----------------|--------|
| Channel No.                        | Frequency<br>(MHz) | Measure Level<br>(dBc) | Limit<br>(dBc) | Result |
| 1                                  | 2412               | 50.88                  | $\geq 30$      | Pass   |
| 11                                 | 2462               | 59.68                  | $\geq 30$      | Pass   |

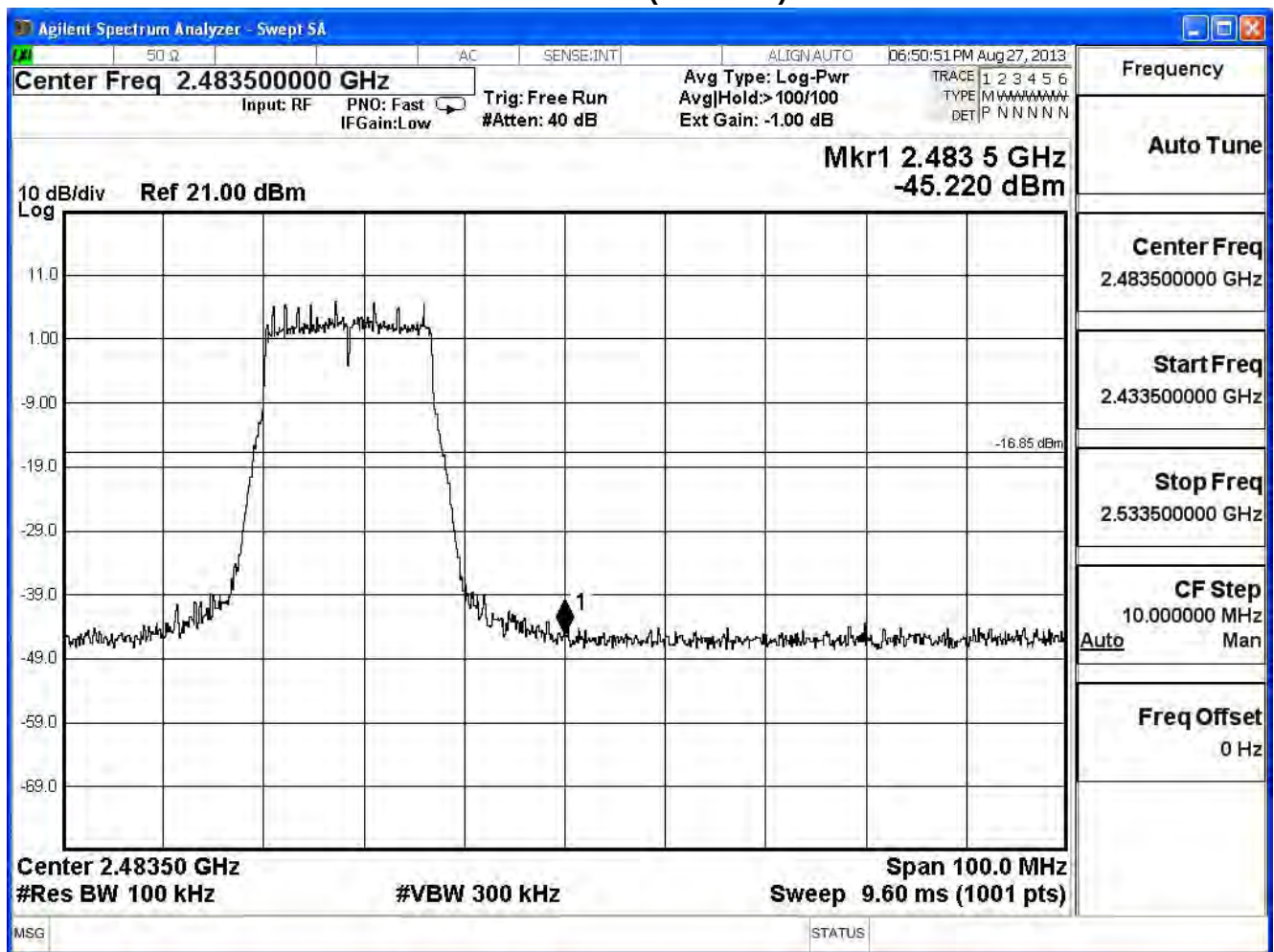
### Channel 01 (2412MHz)



Channel 06 (2437MHz)



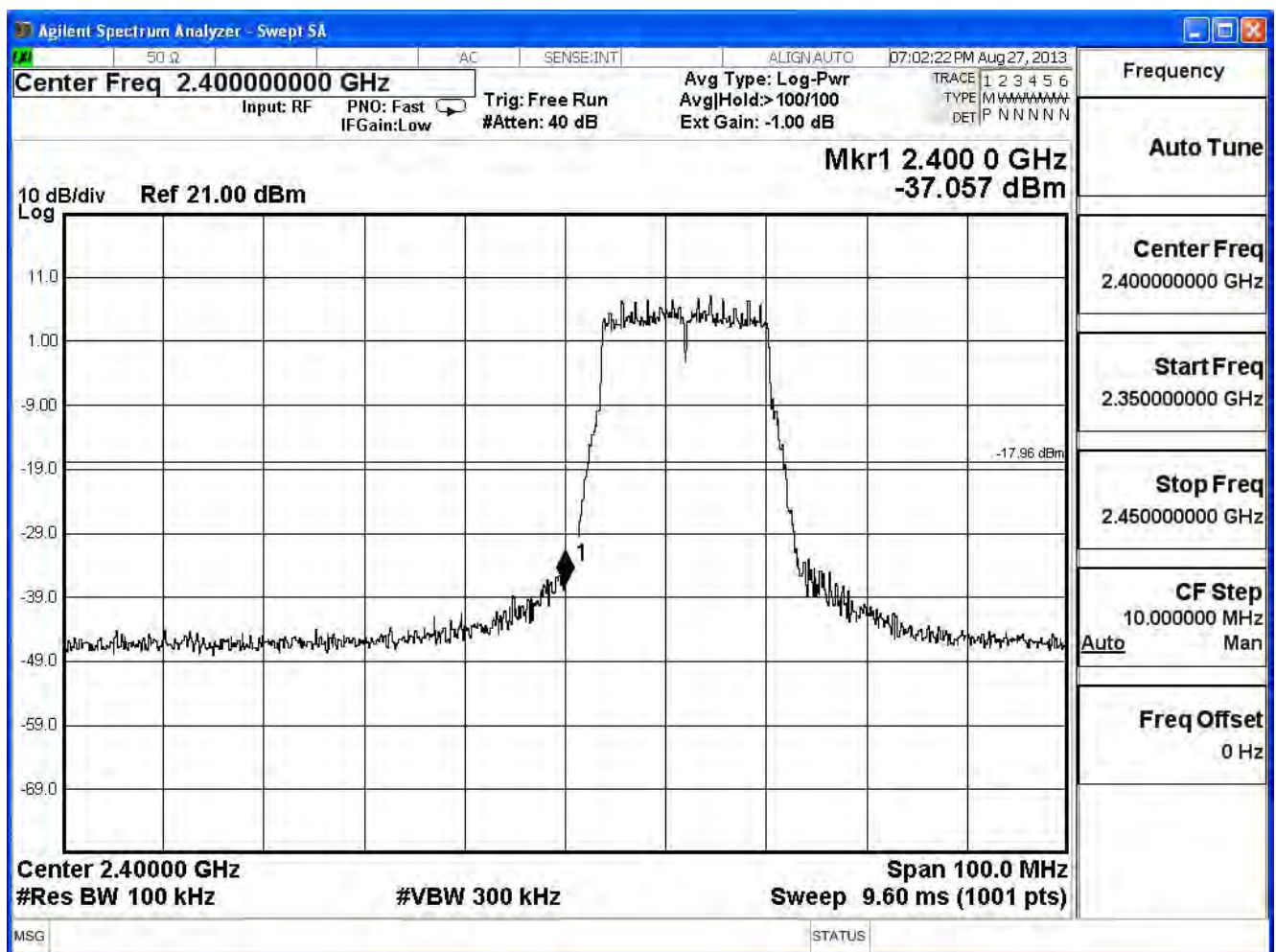
Channel 11 (2462MHz)



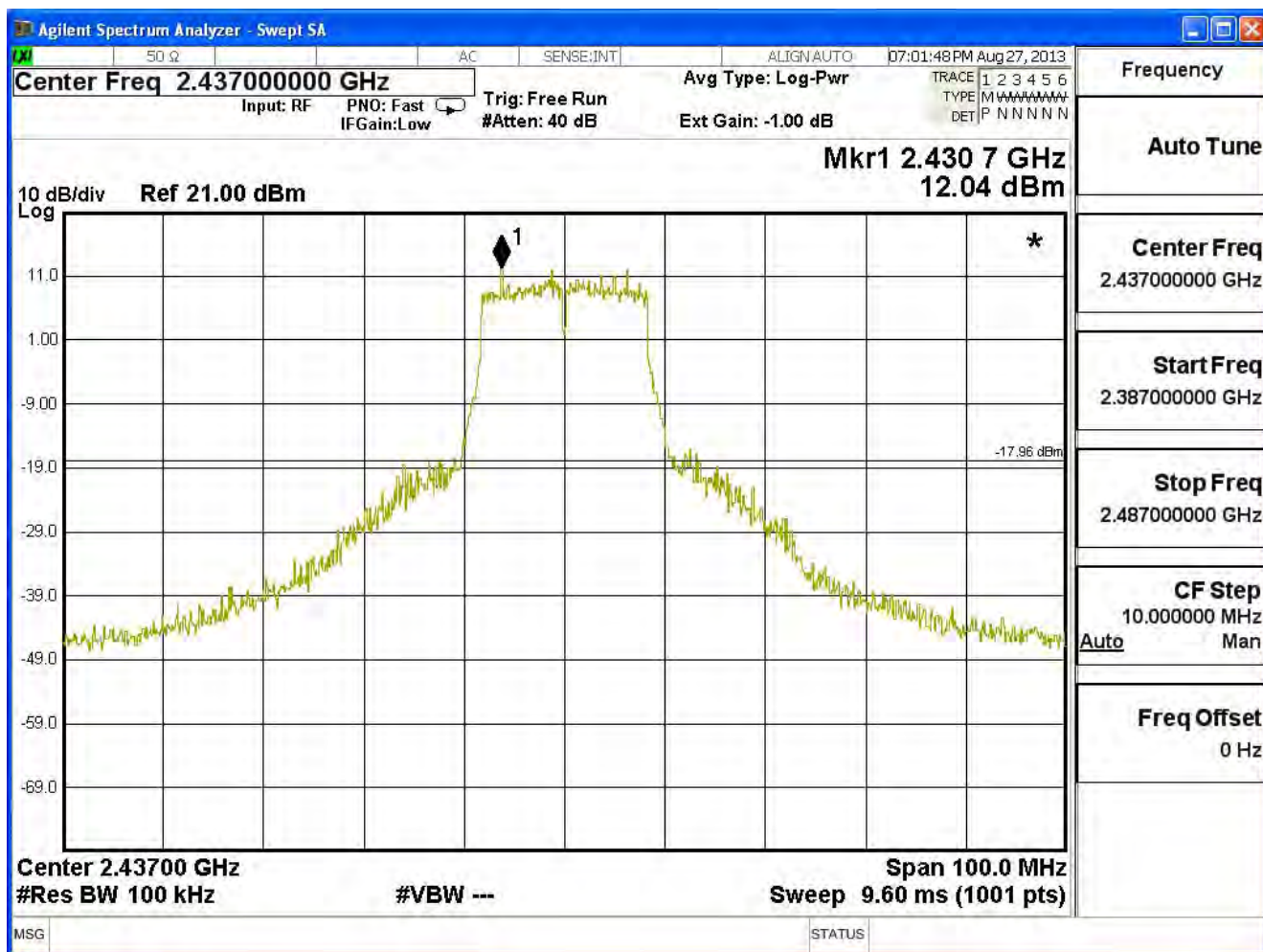
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11g (ANT2), Duty Cycle: 1 |                    |                        |                |        |
|------------------------------------|--------------------|------------------------|----------------|--------|
| Channel No.                        | Frequency<br>(MHz) | Measure Level<br>(dBc) | Limit<br>(dBc) | Result |
| 1                                  | 2412               | 49.10                  | $\geq 30$      | Pass   |
| 11                                 | 2462               | 56.44                  | $\geq 30$      | Pass   |

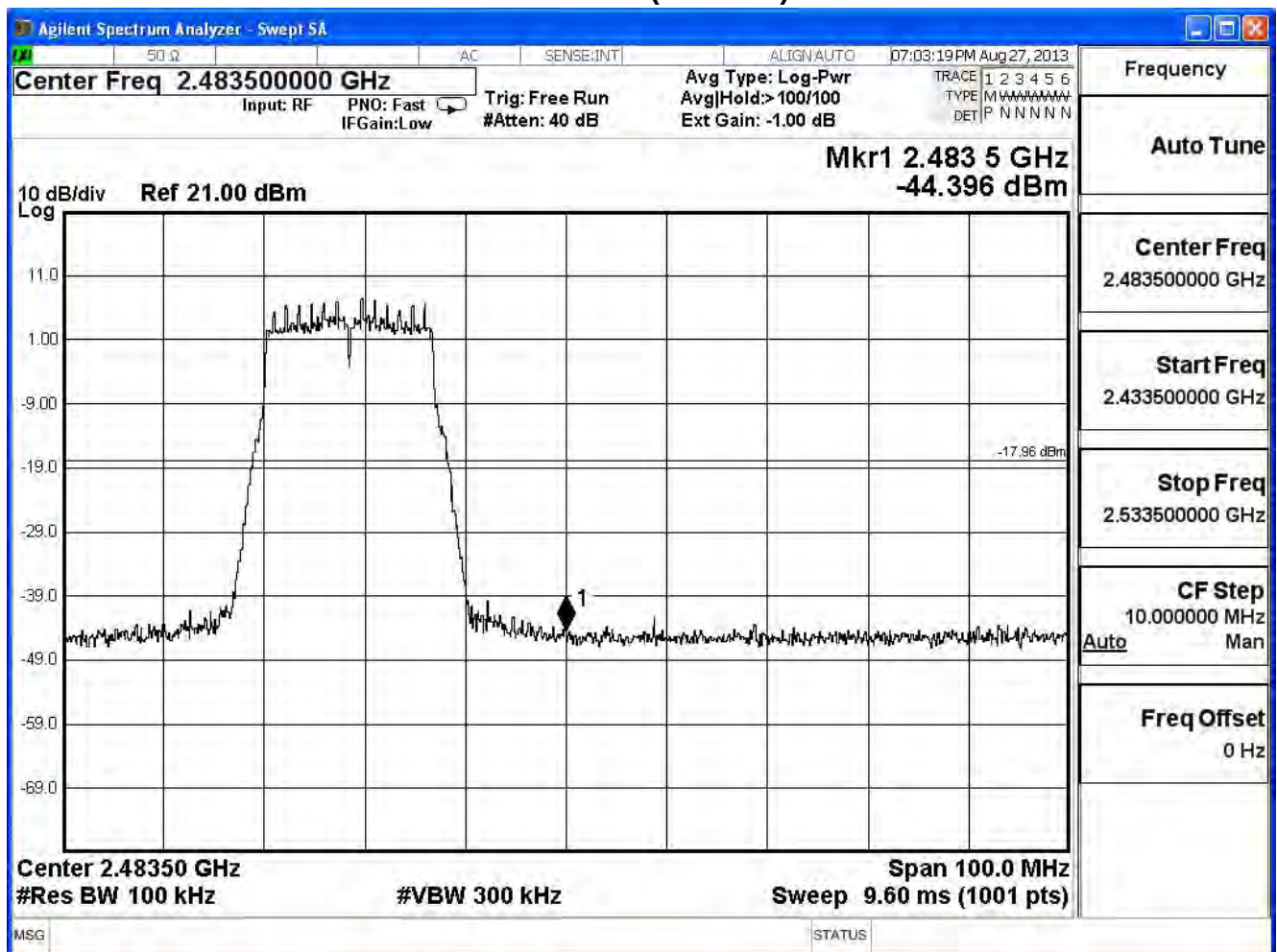
### Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

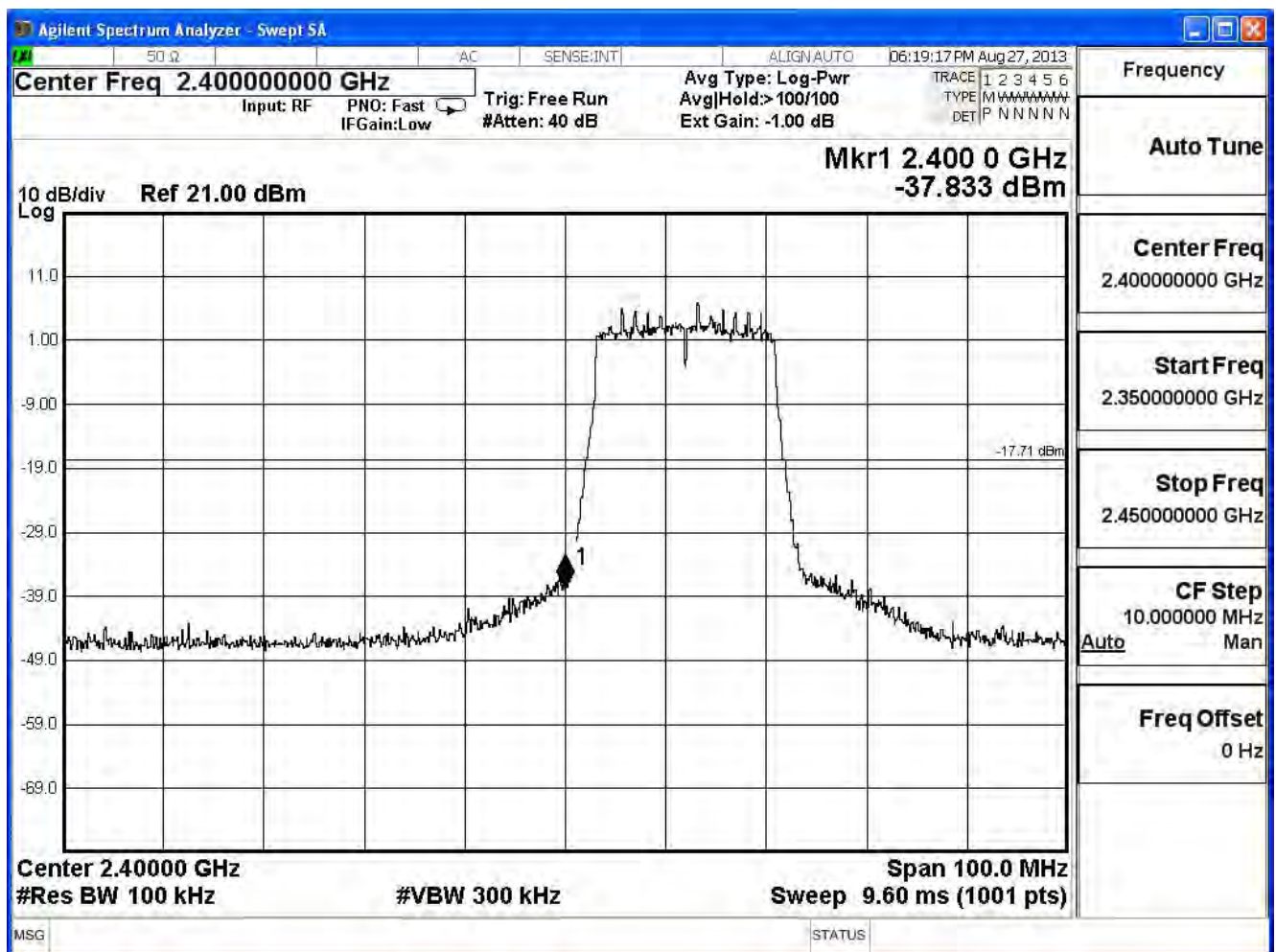


|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

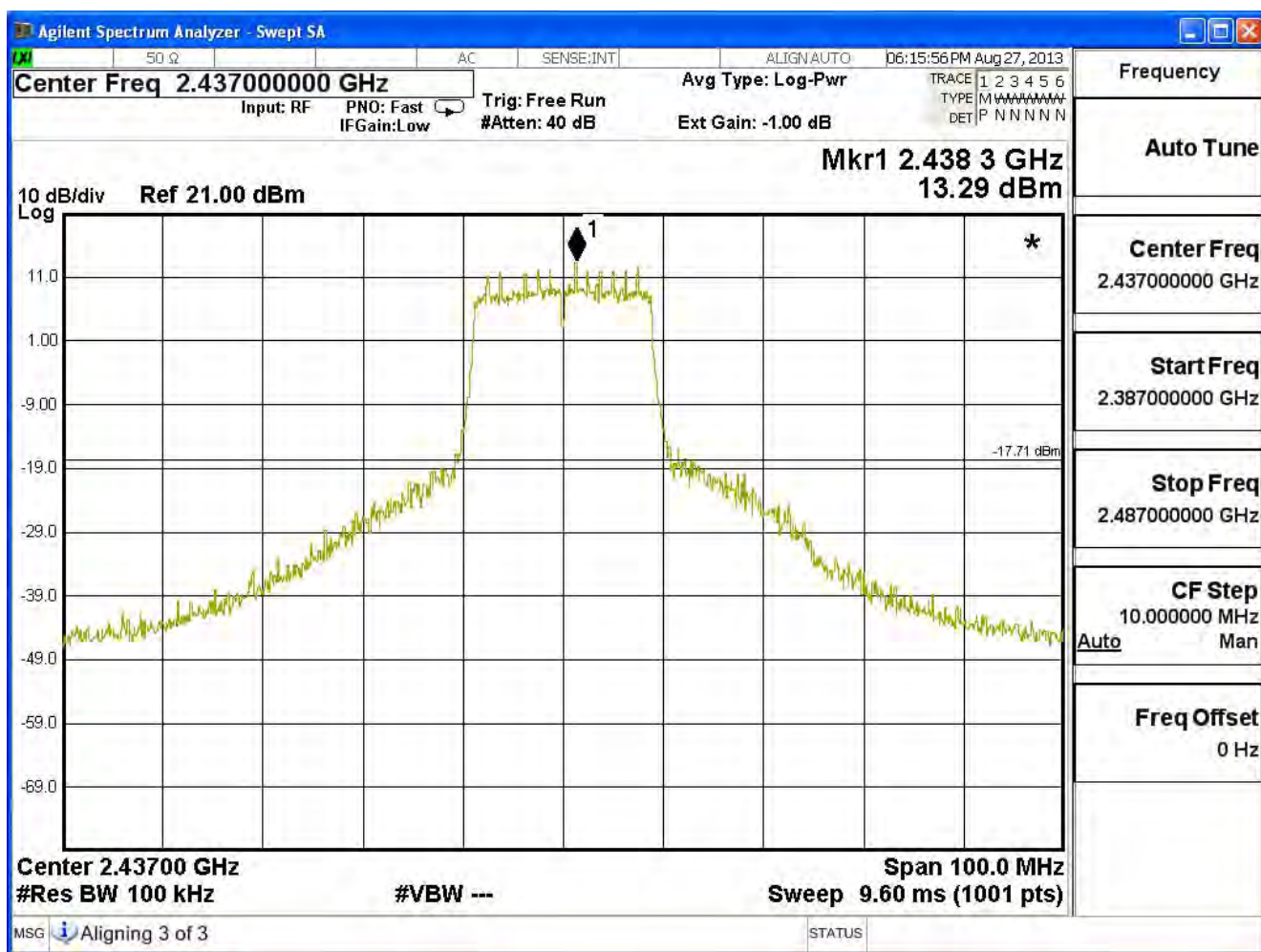
IEEE 802.11n (20MHz), (ANT 0) Duty Cycle: 1

| Channel No. | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
|-------------|-----------------|---------------------|-------------|--------|
| 1           | 2412            | 51.12               | $\geq 30$   | Pass   |
| 11          | 2462            | 57.01               | $\geq 30$   | Pass   |

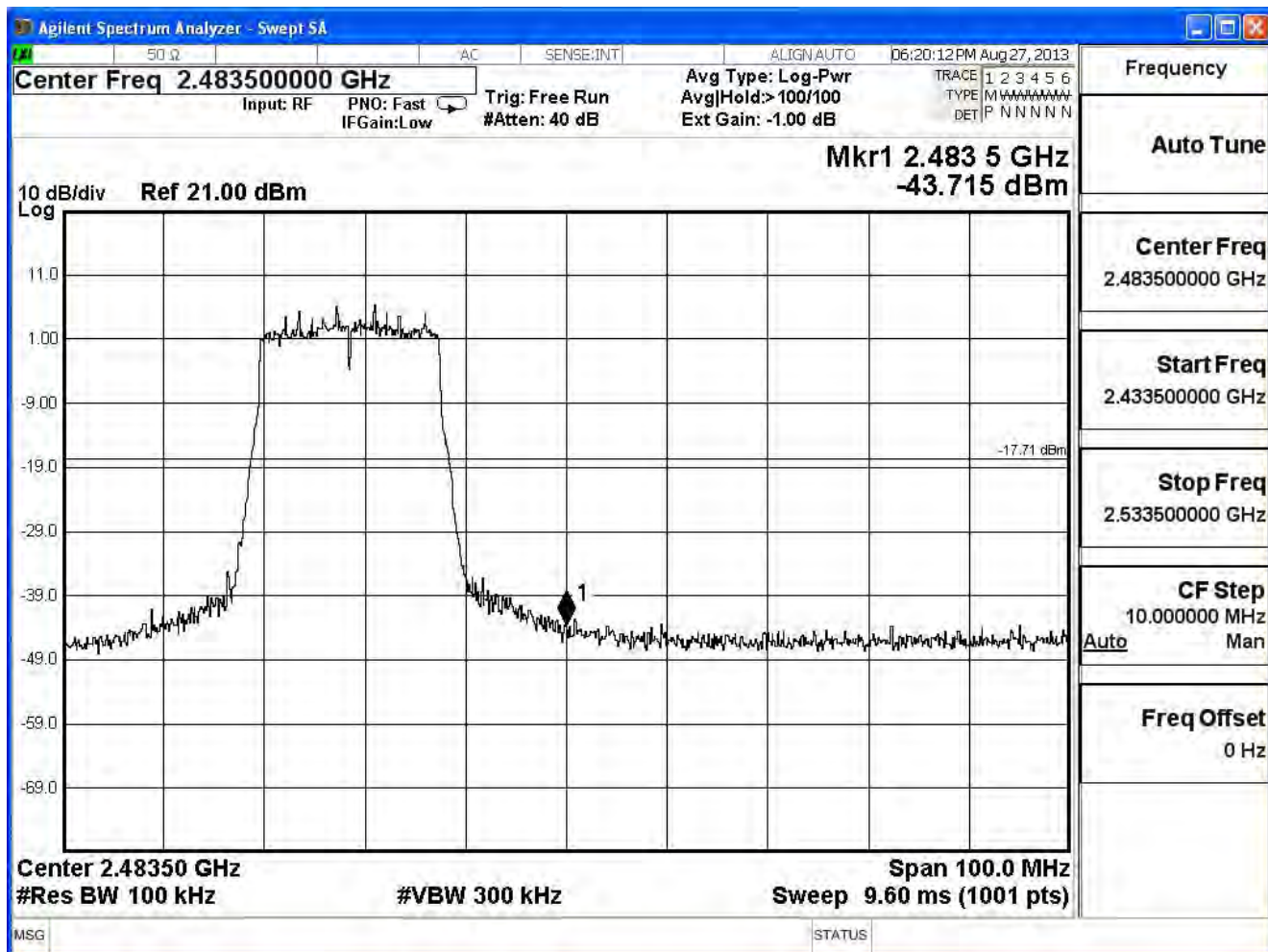
## Channel 1 (2412MHz)



Channel 06 (2437MHz)



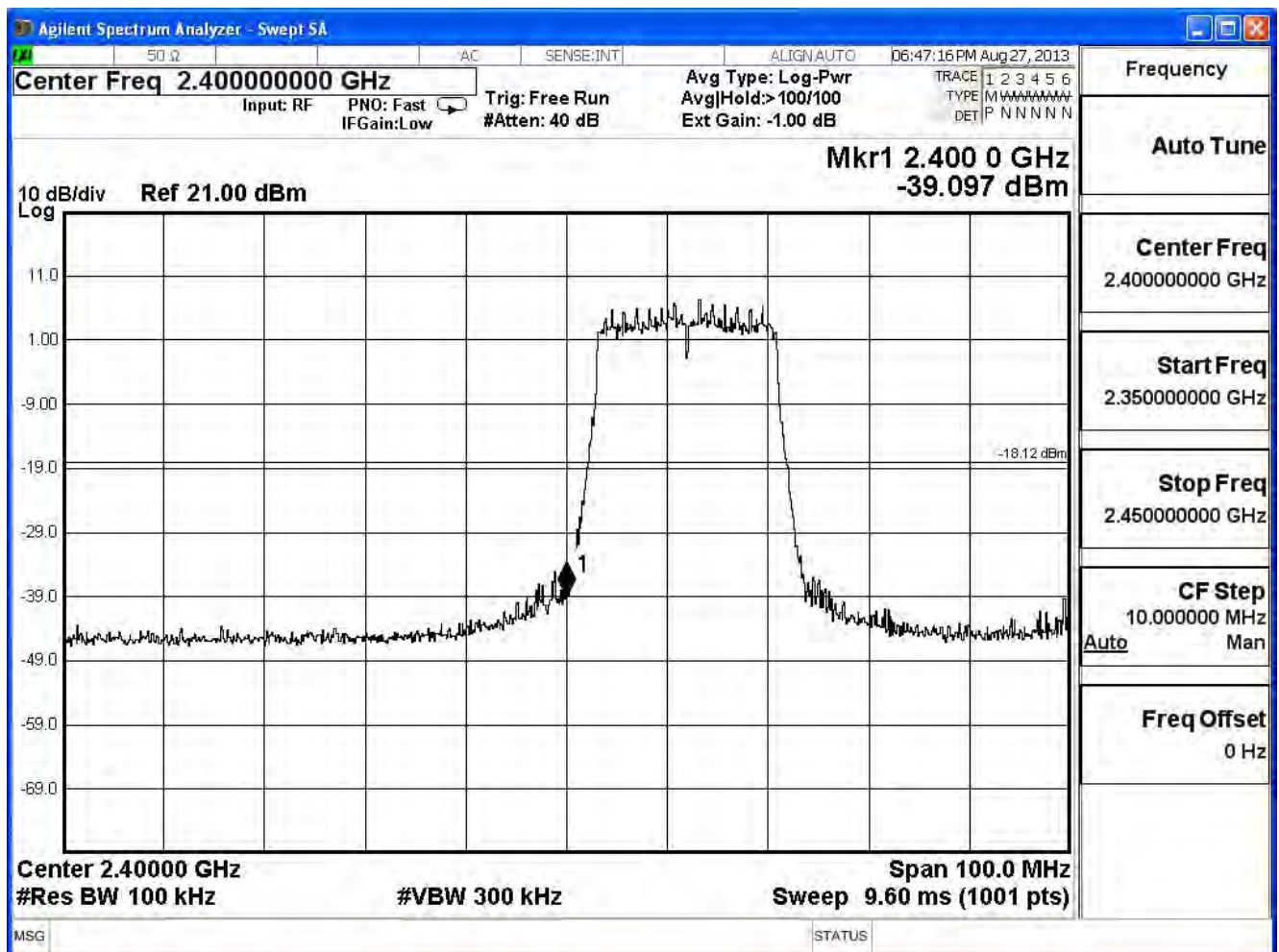
Channel 11 (2462MHz)



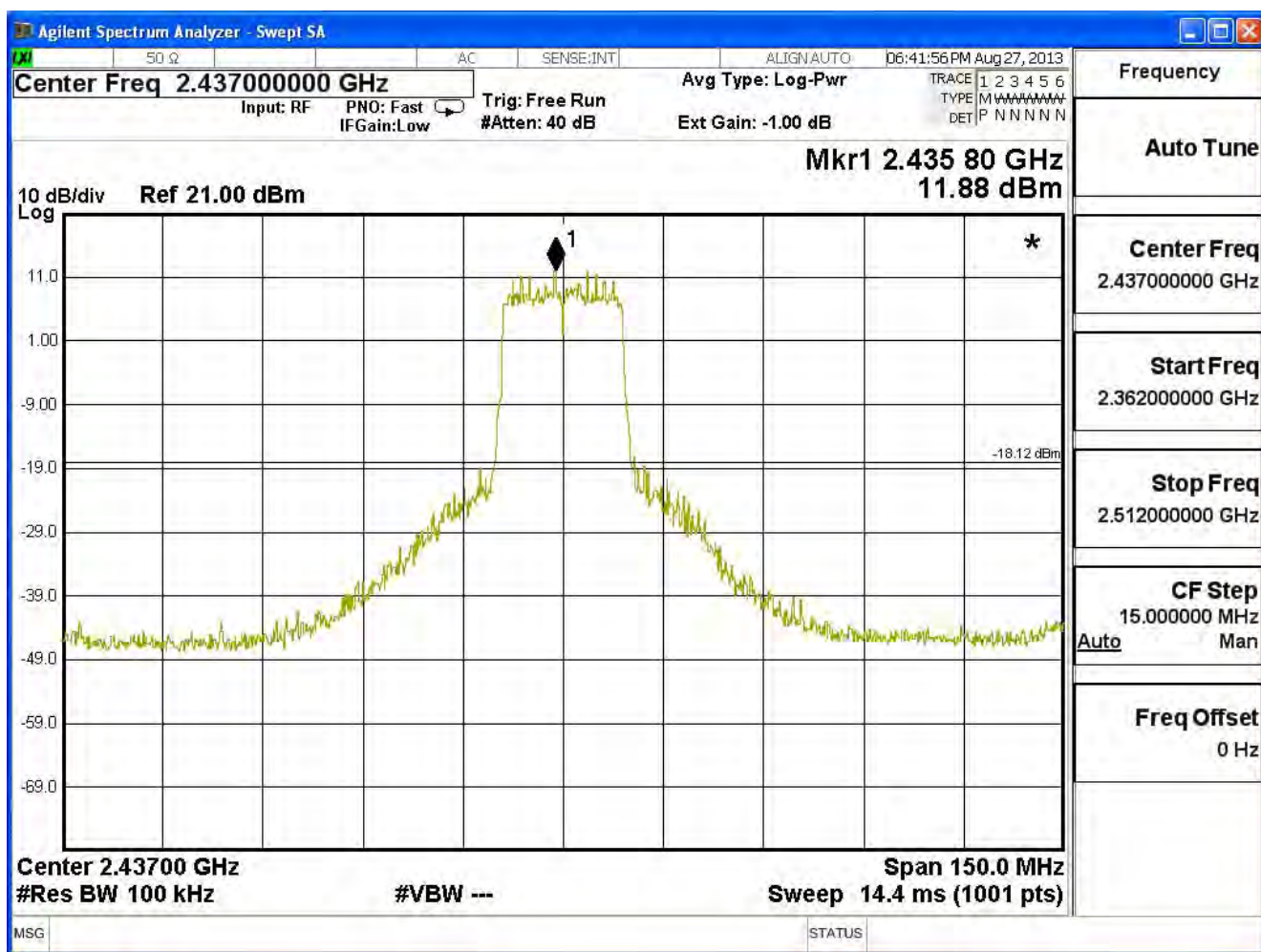
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode) Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11n (20MHz), (ANT 1) Duty Cycle: 1 |                 |                     |             |        |
|---------------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                                 | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 1                                           | 2412            | 50.98               | $\geq 30$   | Pass   |
| 11                                          | 2462            | 57.21               | $\geq 30$   | Pass   |

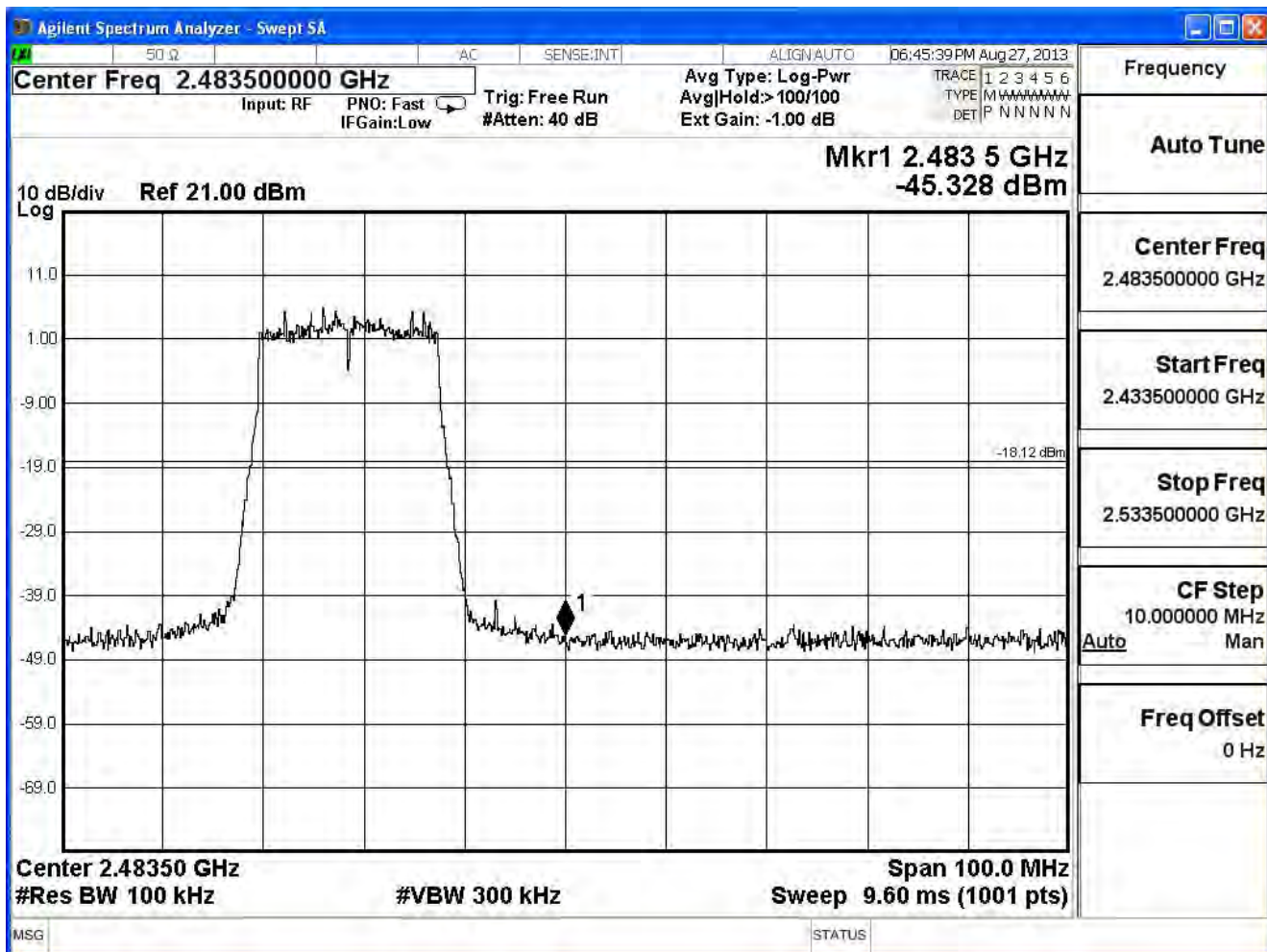
## Channel 1 (2412MHz)



Channel 06 (2437MHz)



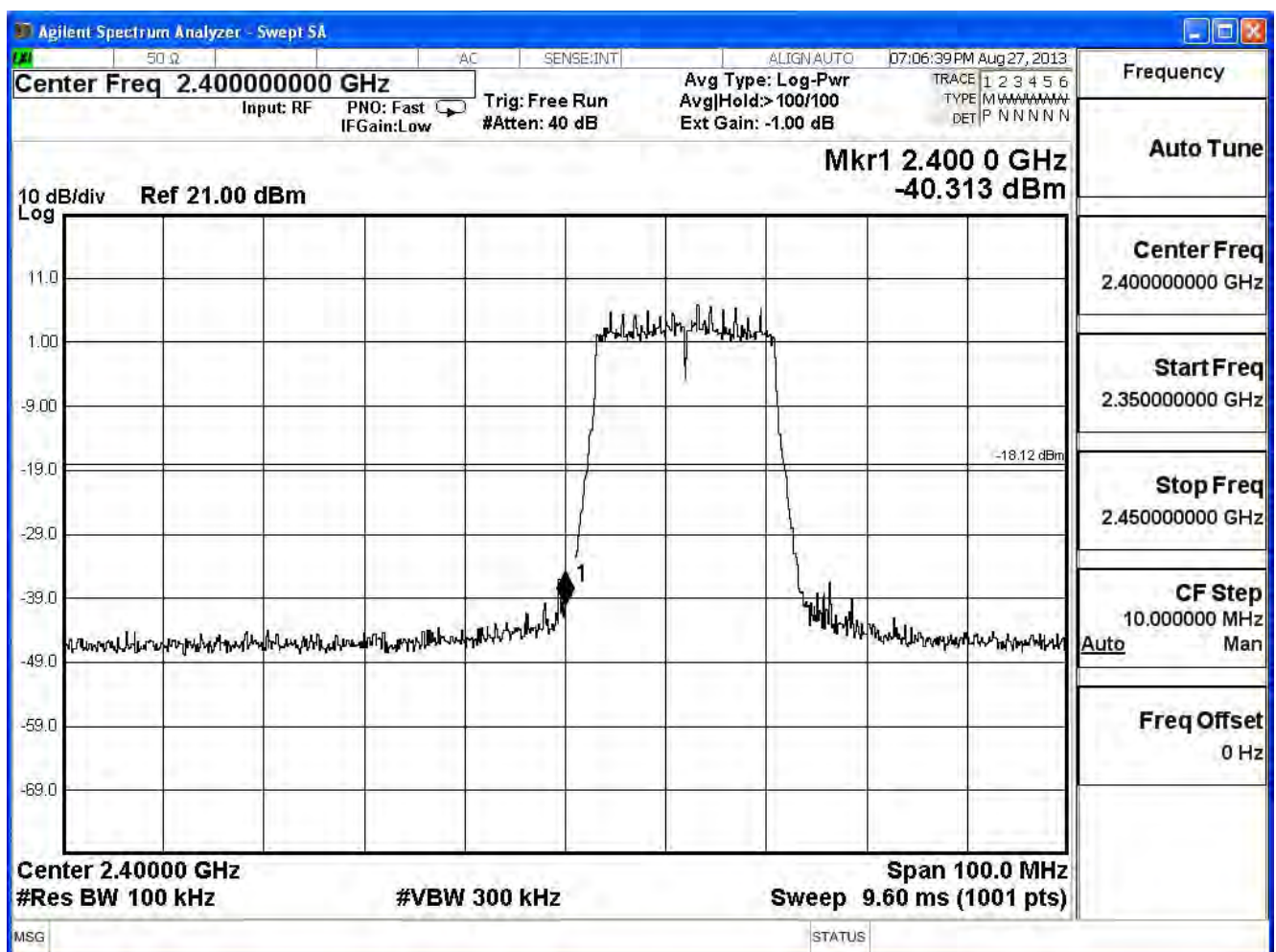
Channel 11 (2462MHz)



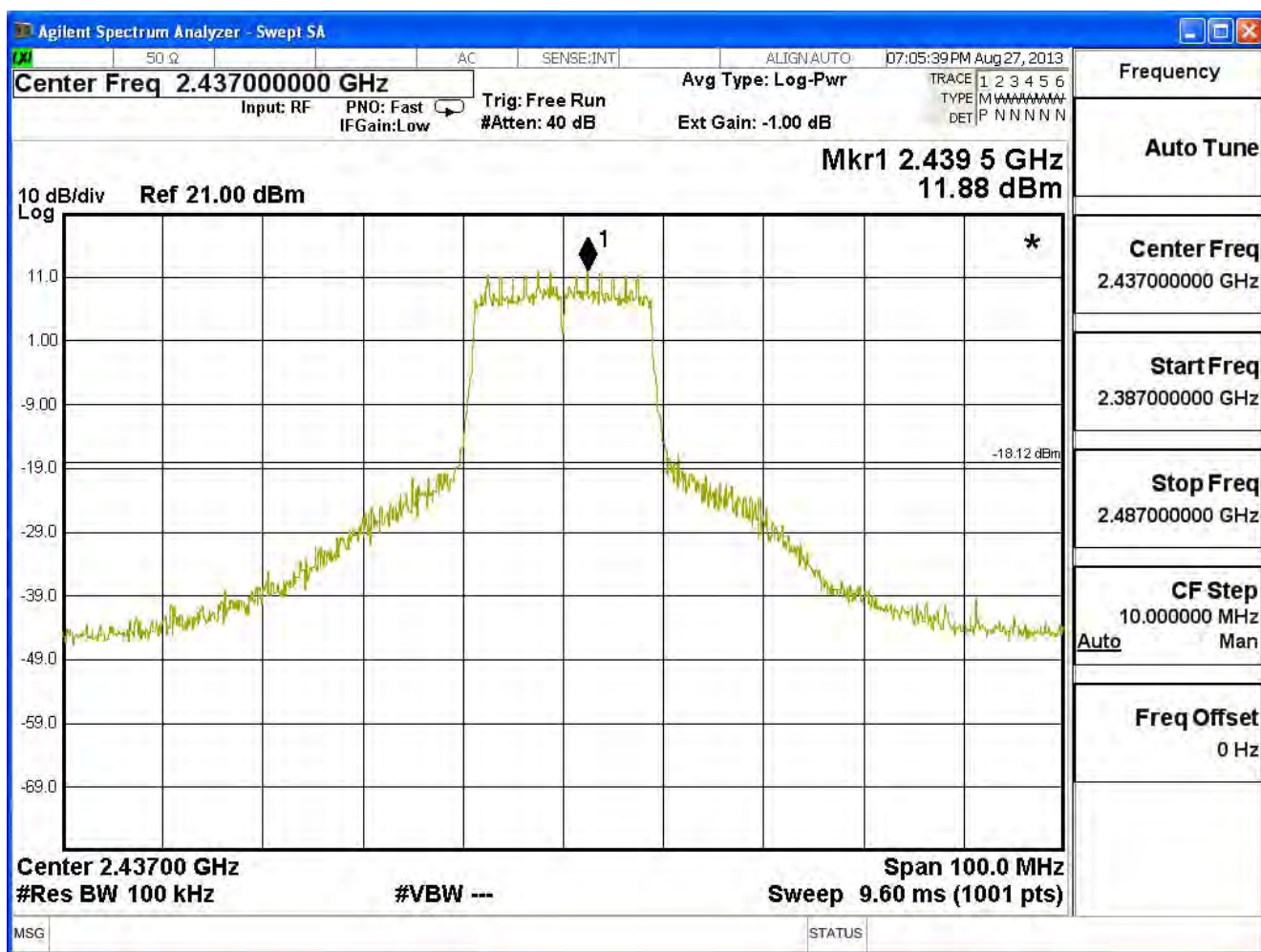
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11n (20MHz), (ANT 2) Duty Cycle: 1 |                    |                        |                |        |
|---------------------------------------------|--------------------|------------------------|----------------|--------|
| Channel No.                                 | Frequency<br>(MHz) | Measure Level<br>(dBc) | Limit<br>(dBc) | Result |
| 1                                           | 2412               | 52.19                  | $\geq 30$      | Pass   |
| 11                                          | 2462               | 58.35                  | $\geq 30$      | Pass   |

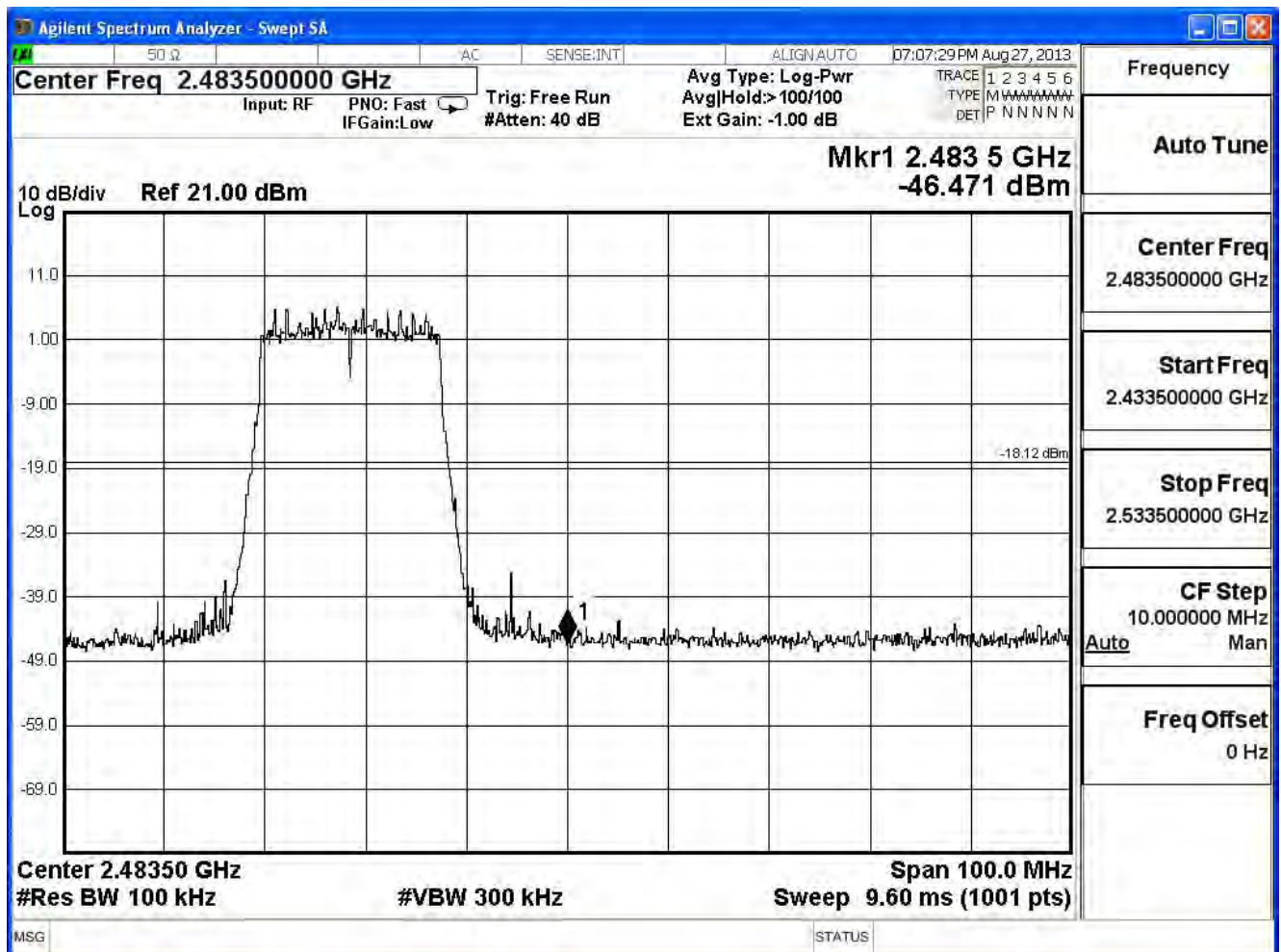
### Channel 1 (2412MHz)



Channel 06 (2437MHz)



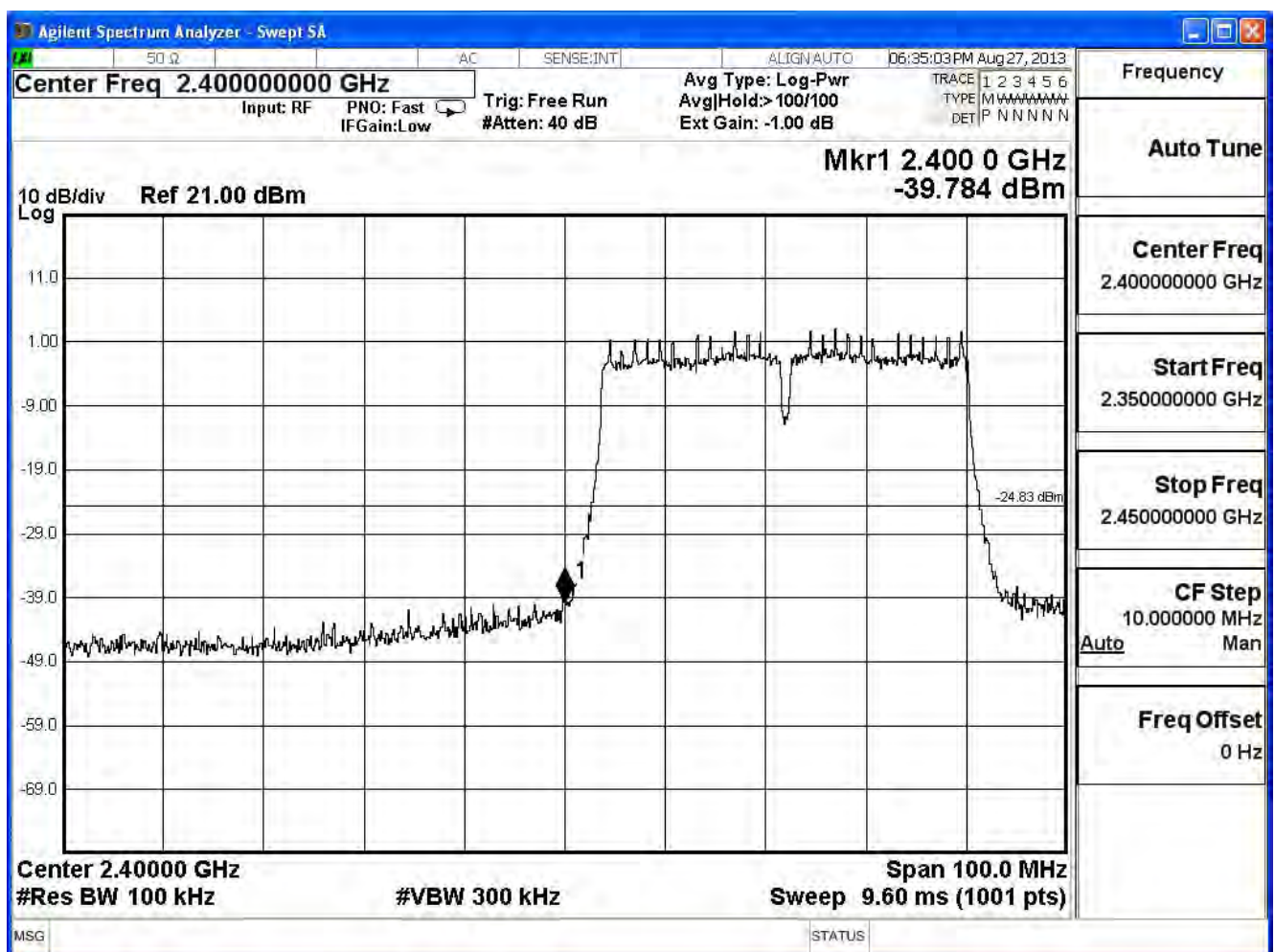
Channel 11 (2462MHz)



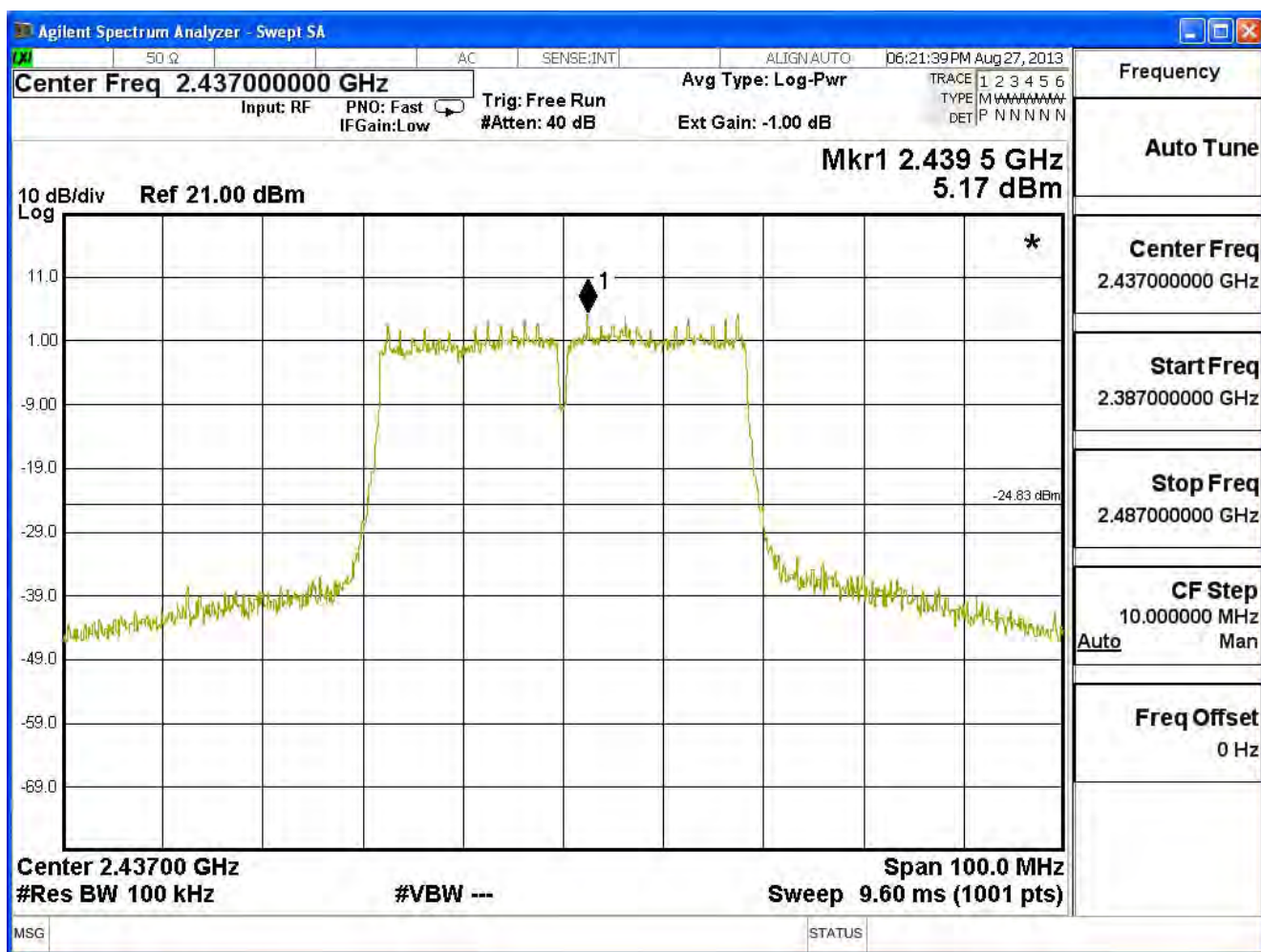
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode) Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11n (40MHz), (ANT 0) Duty Cycle: 1 |                 |                     |             |        |
|---------------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                                 | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 3                                           | 2422            | 44.95               | $\geq 30$   | Pass   |
| 9                                           | 2452            | 48.60               | $\geq 30$   | Pass   |

## Channel 3 (2422MHz)



Channel 06 (2437MHz)



Agilent Spectrum Analyzer - Swept SA

50  $\Omega$  AC SENSE:INT ALIGN:AUTO 06:36:19 PM Aug 27, 2013

**Center Freq 2.483500000 GHz**

Input: RF PNO: Fast IF Gain: Low Trig: Free Run #Atten: 40 dB

Avg Type: Log-Pwr Avg|Hold:>100/100 Ext Gain: -1.00 dB

TRACE 1 2 3 4 5 6 TYPE: M N N N N N N DET: P N N N N N N

**Frequency**

**Auto Tune**

**Center Freq**  
2.483500000 GHz

**Start Freq**  
2.408500000 GHz

**Stop Freq**  
2.558500000 GHz

**CF Step**  
15.000000 MHz  
[Auto](#) Man

**Freq Offset**  
0 Hz

10 dB/div Log Ref 21.00 dBm

**Mkr1 2.483 50 GHz -43.426 dBm**

The spectrum analyzer display shows a swept signal. The vertical axis represents power in dBm, ranging from -69.0 to 11.0 dBm. The horizontal axis represents frequency in GHz, ranging from 2.4085 to 2.5585 GHz. The signal is a flat-topped pulse centered at 2.4835 GHz. A marker labeled '1' is placed on the falling edge of the pulse at 2.4835 GHz, indicating a power level of -43.426 dBm. The noise floor is approximately -45 dBm. The display is set to a resolution bandwidth of 100 kHz and a video bandwidth of 300 kHz. The sweep time is 14.4 ms.

**Center 2.48350 GHz**

**#Res BW 100 kHz**

**#VBW 300 kHz**

**Span 150.0 MHz**

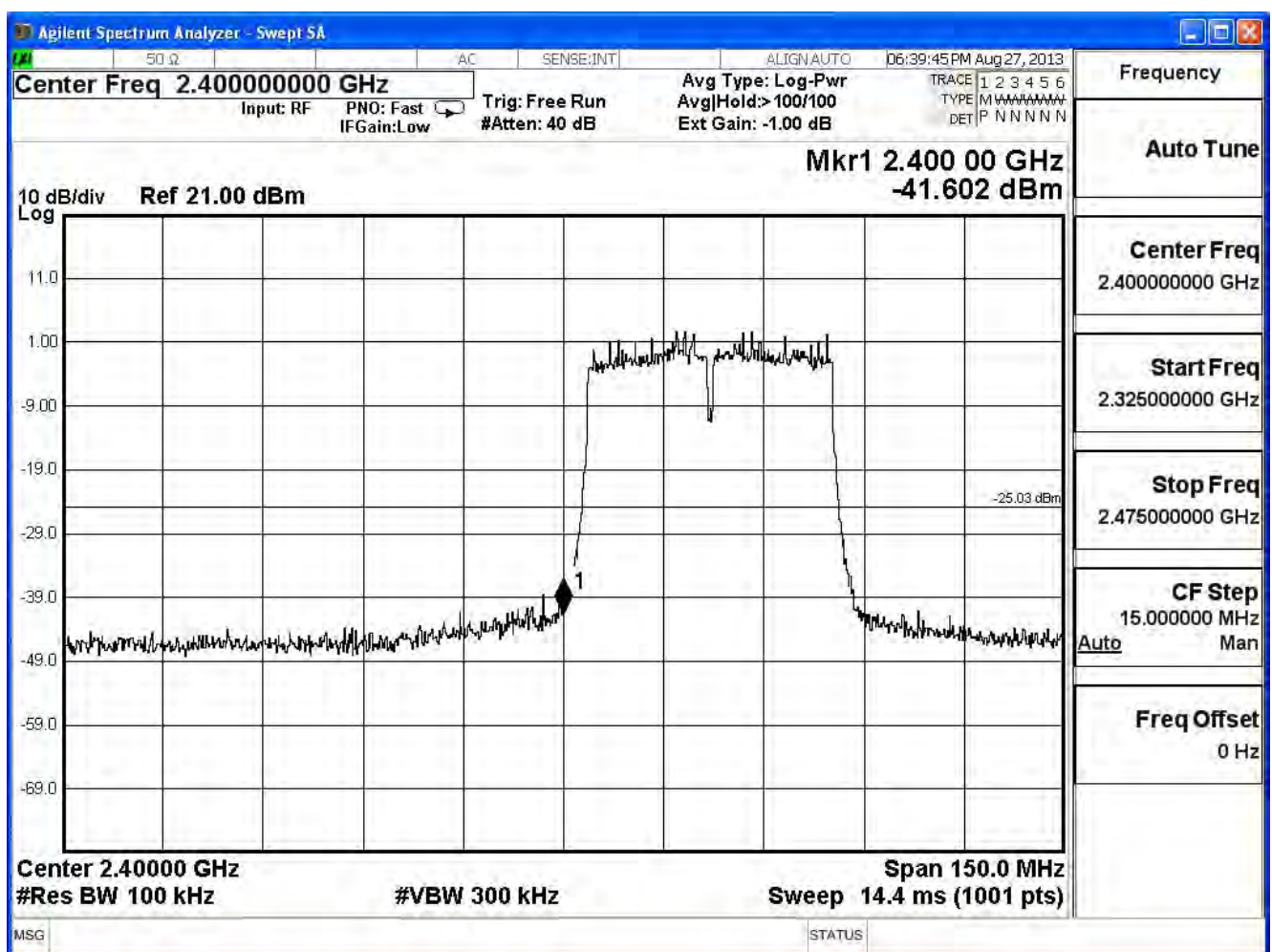
**Sweep 14.4 ms (1001 pts)**

MSG STATUS

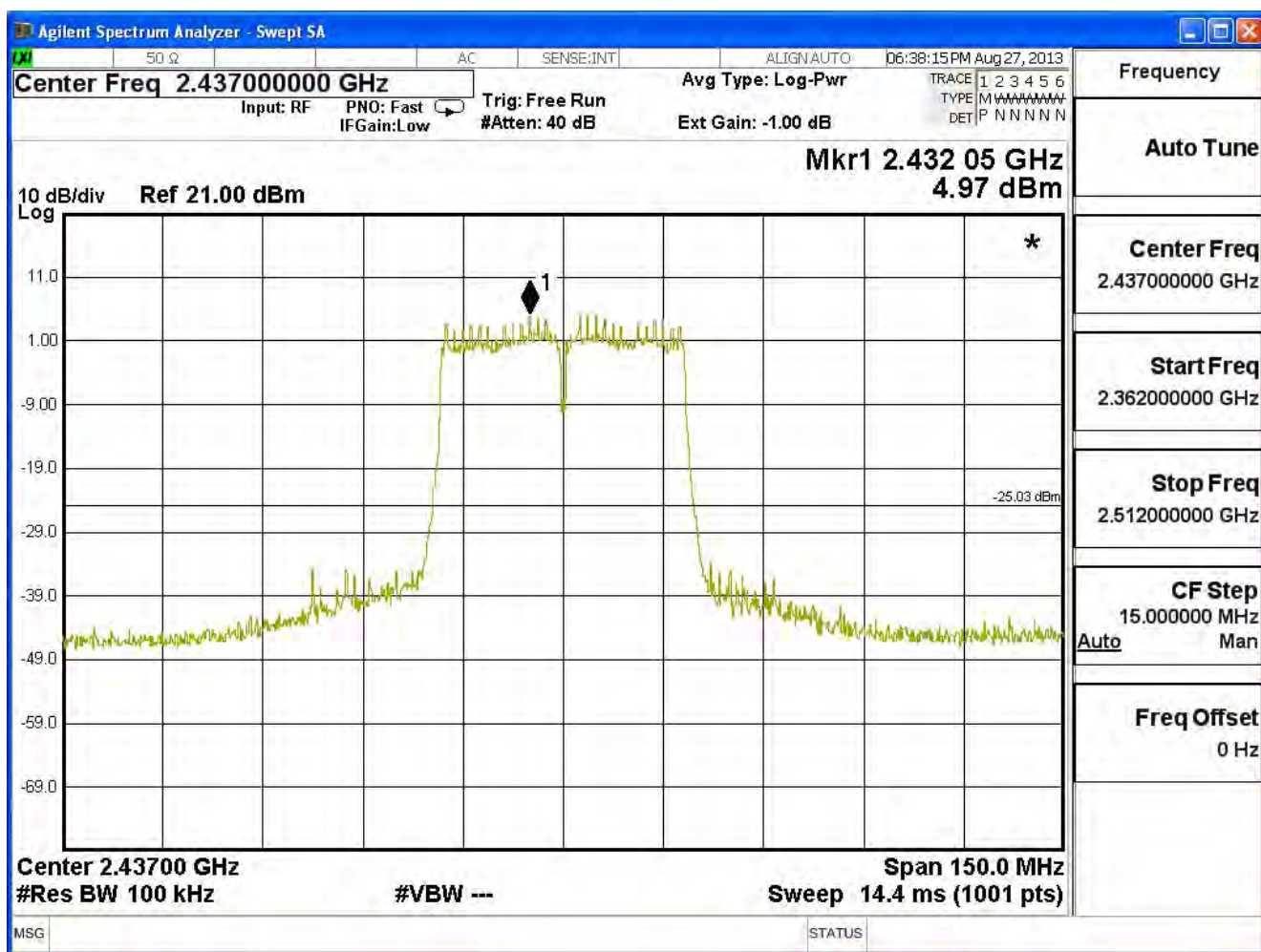
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11n (40MHz), (ANT 1) Duty Cycle: 1 |                 |                     |             |        |
|---------------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                                 | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 3                                           | 2422            | 46.57               | $\geq 30$   | Pass   |
| 9                                           | 2452            | 49.26               | $\geq 30$   | Pass   |

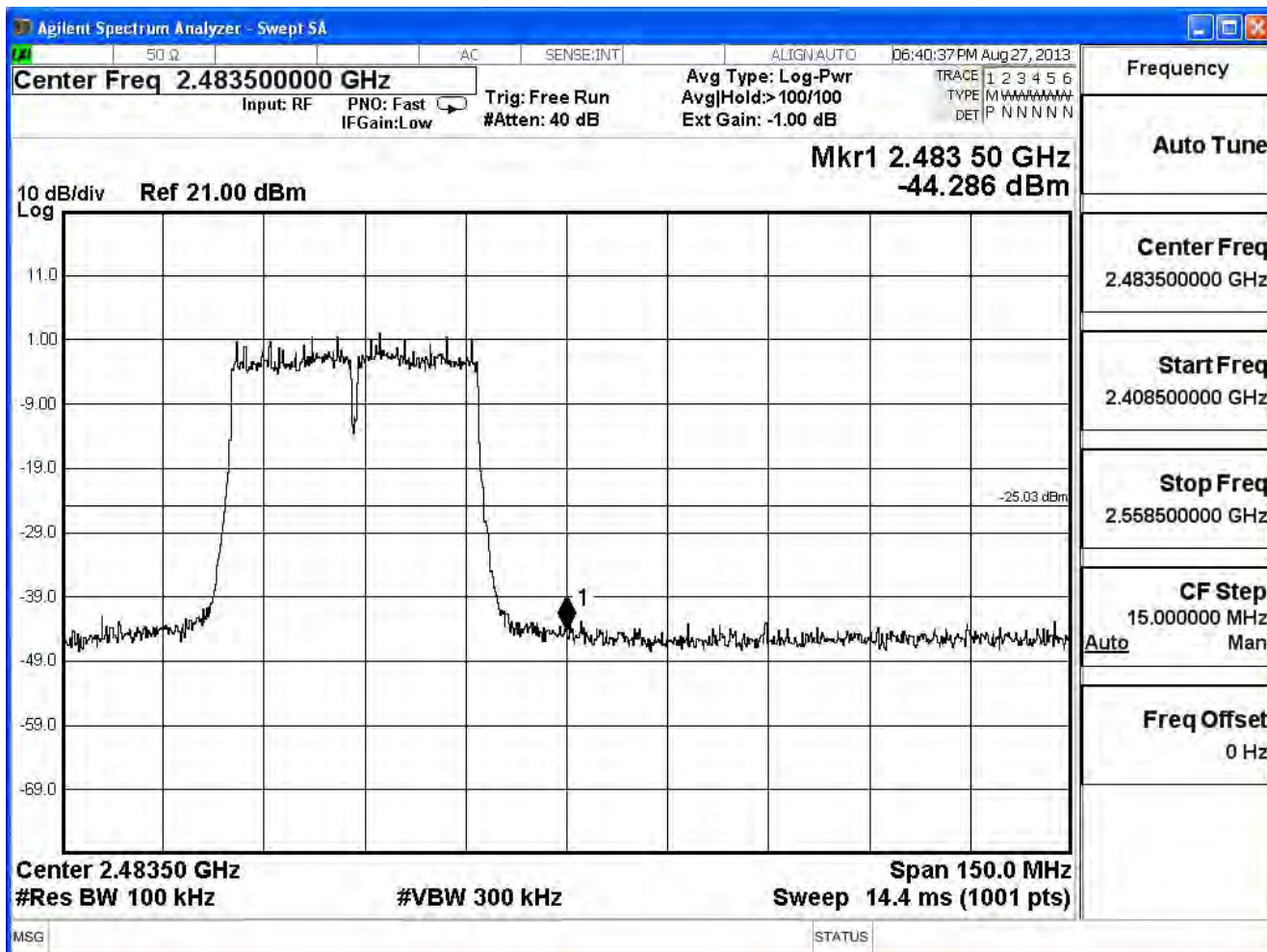
## Channel 3 (2422MHz)



Channel 06 (2437MHz)



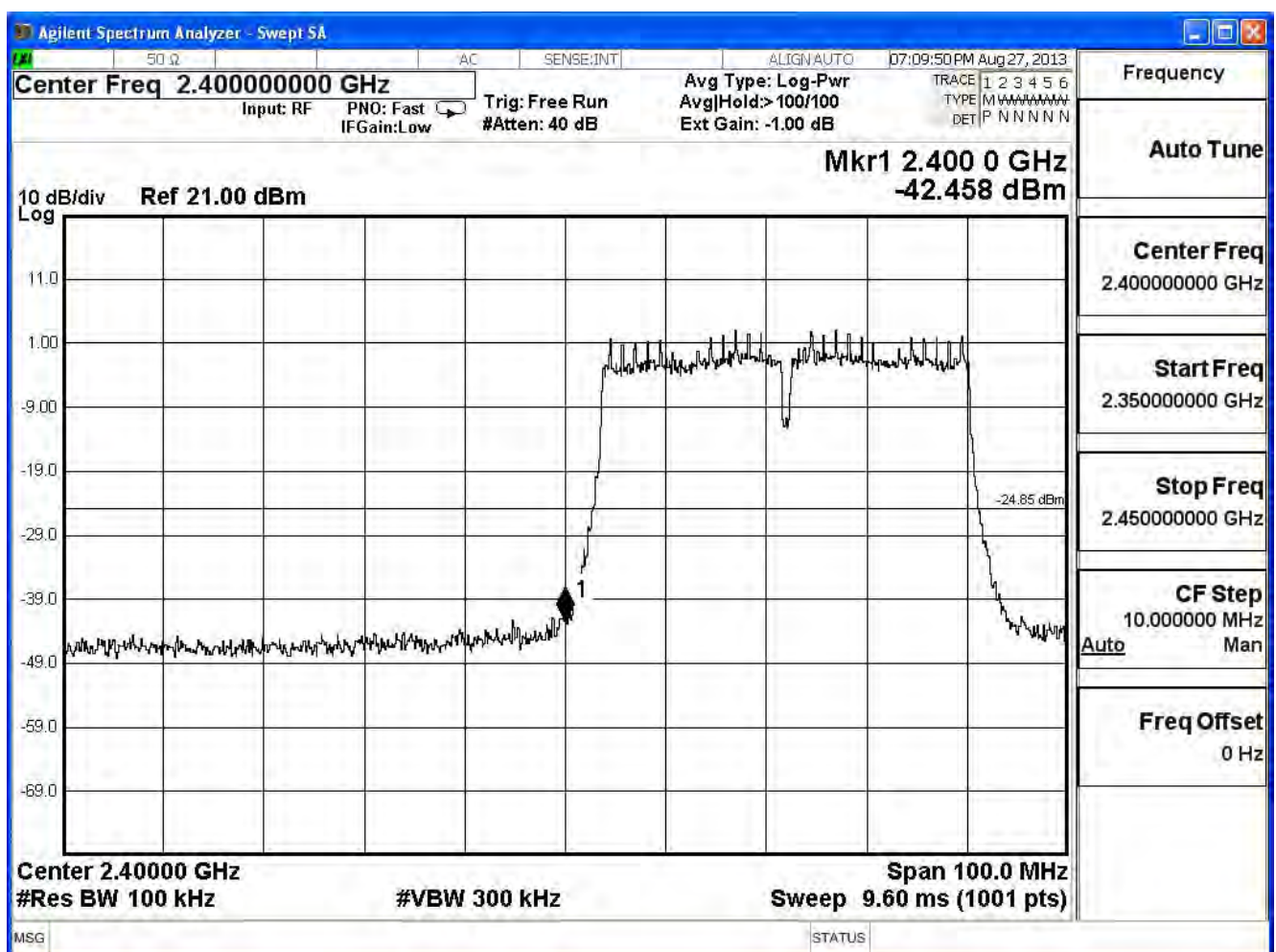
Channel 9 (2452MHz)



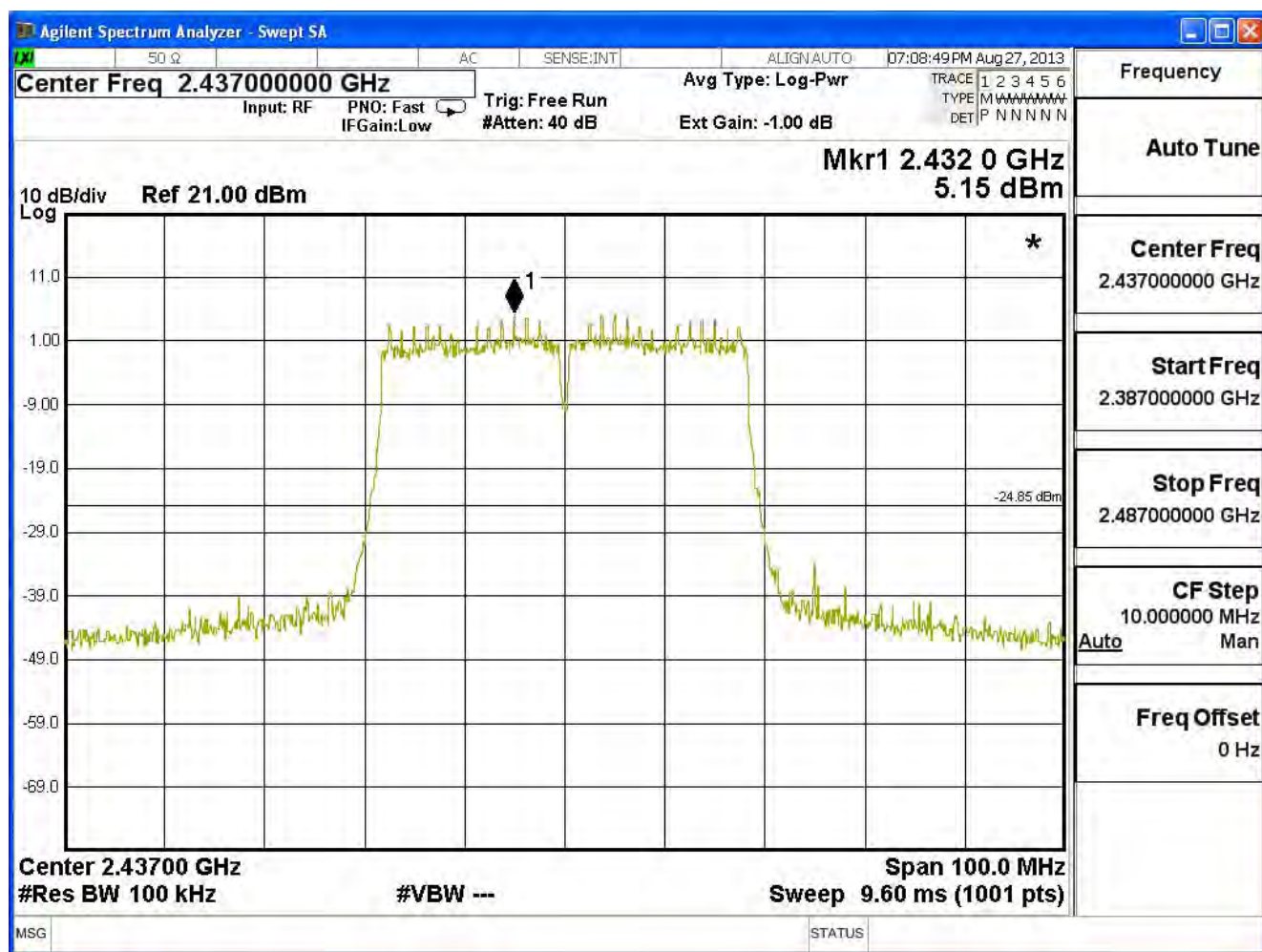
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11n (40MHz), (ANT 2) Duty Cycle: 1 |                 |                     |             |        |
|---------------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                                 | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 3                                           | 2422            | 47.61               | $\geq 30$   | Pass   |
| 9                                           | 2452            | 50.35               | $\geq 30$   | Pass   |

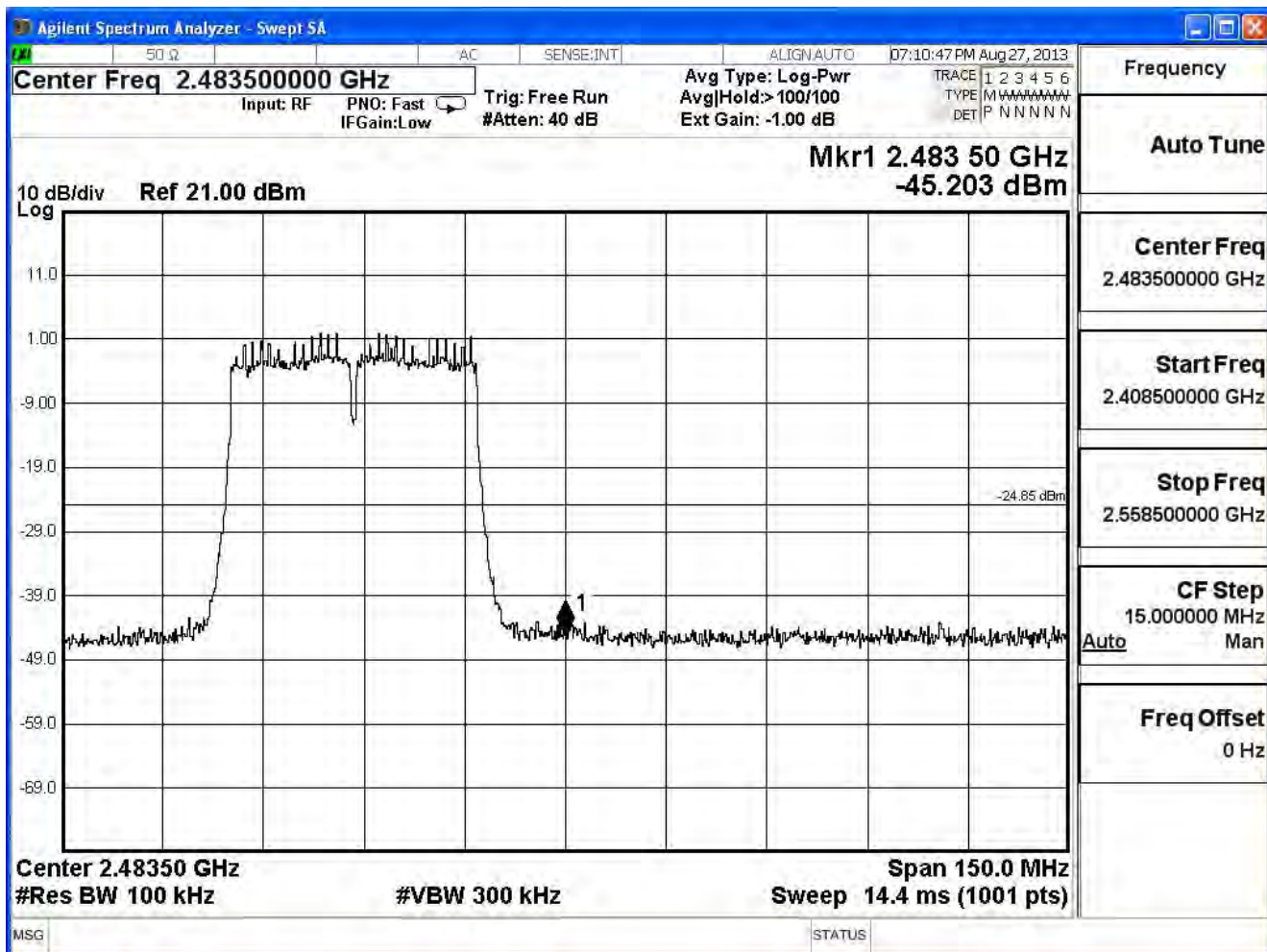
### Channel 3 (2422MHz)



Channel 06 (2437MHz)

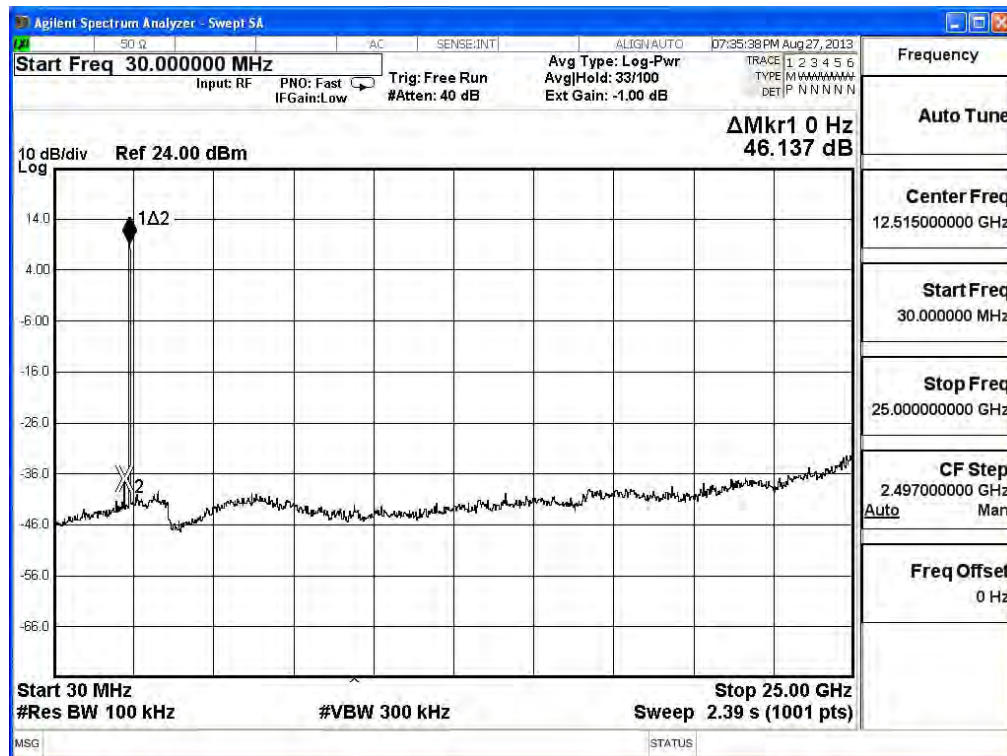


Channel 9 (2452MHz)

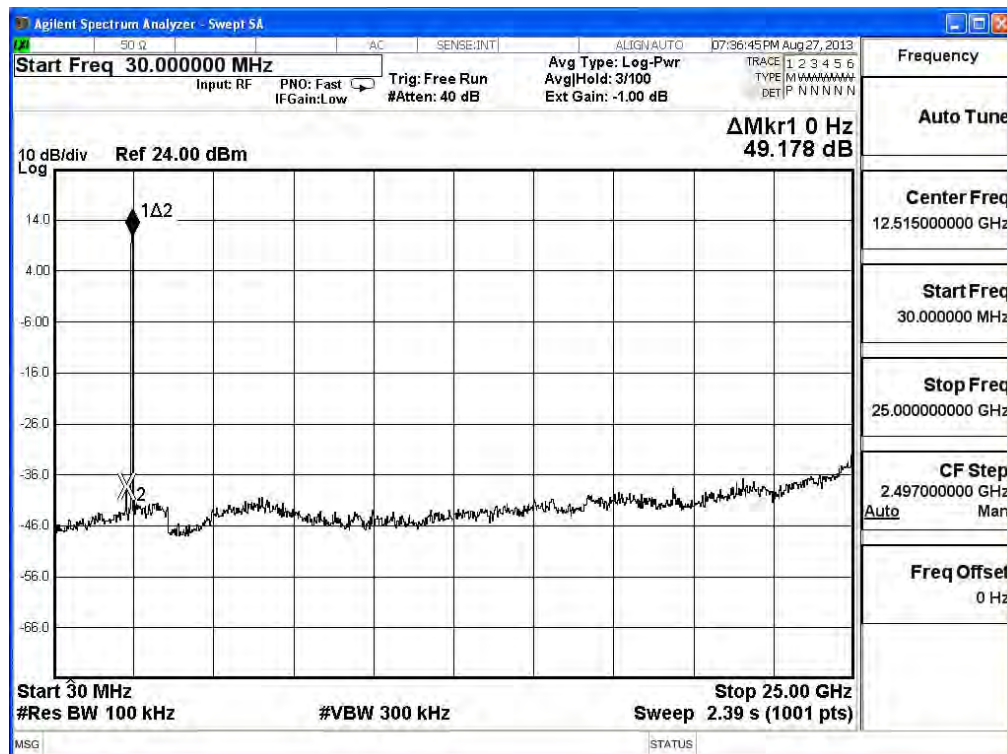


|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

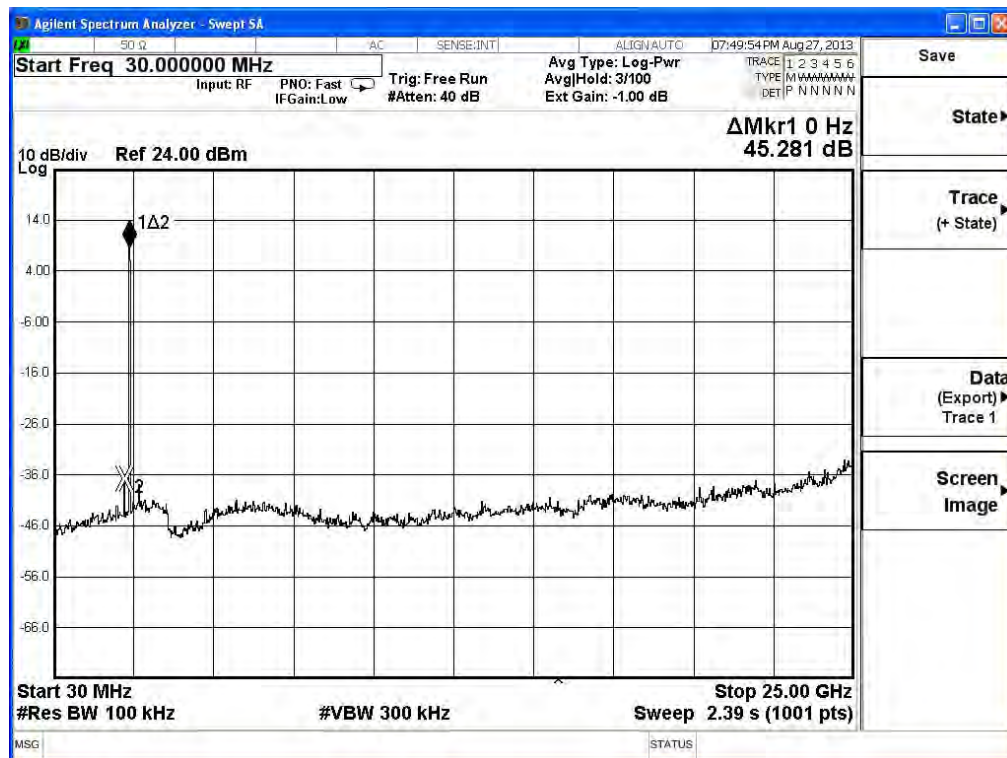
2412MHz (30MHz-25GHz)-802.11b-ANT0



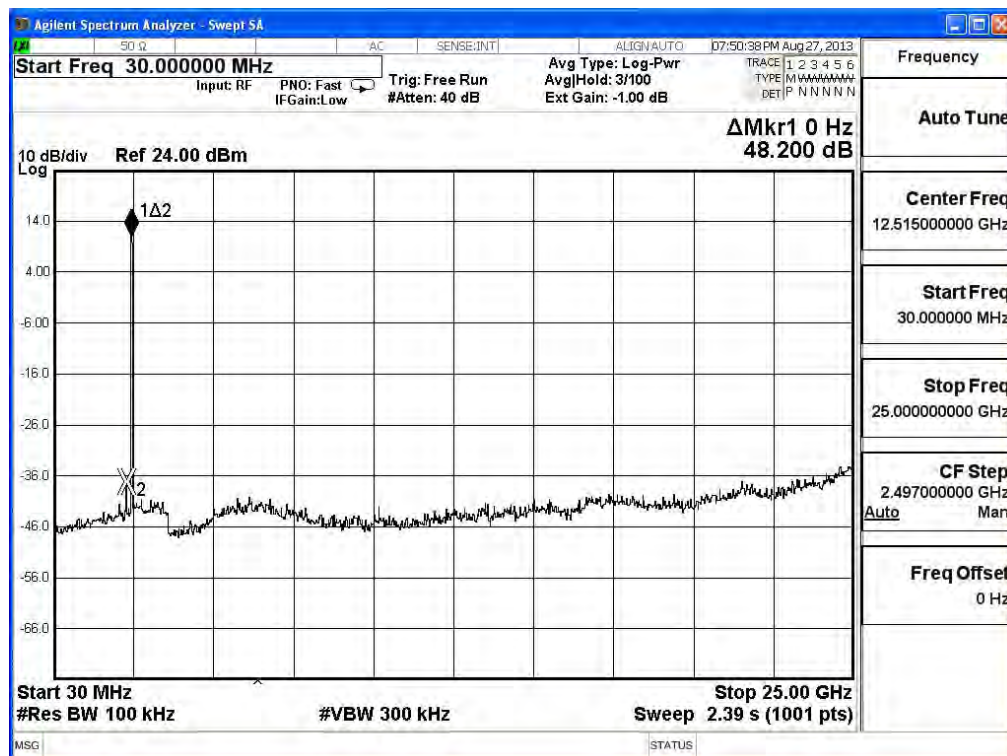
2462MHz (30MHz-25GHz) -802.11b-ANT0



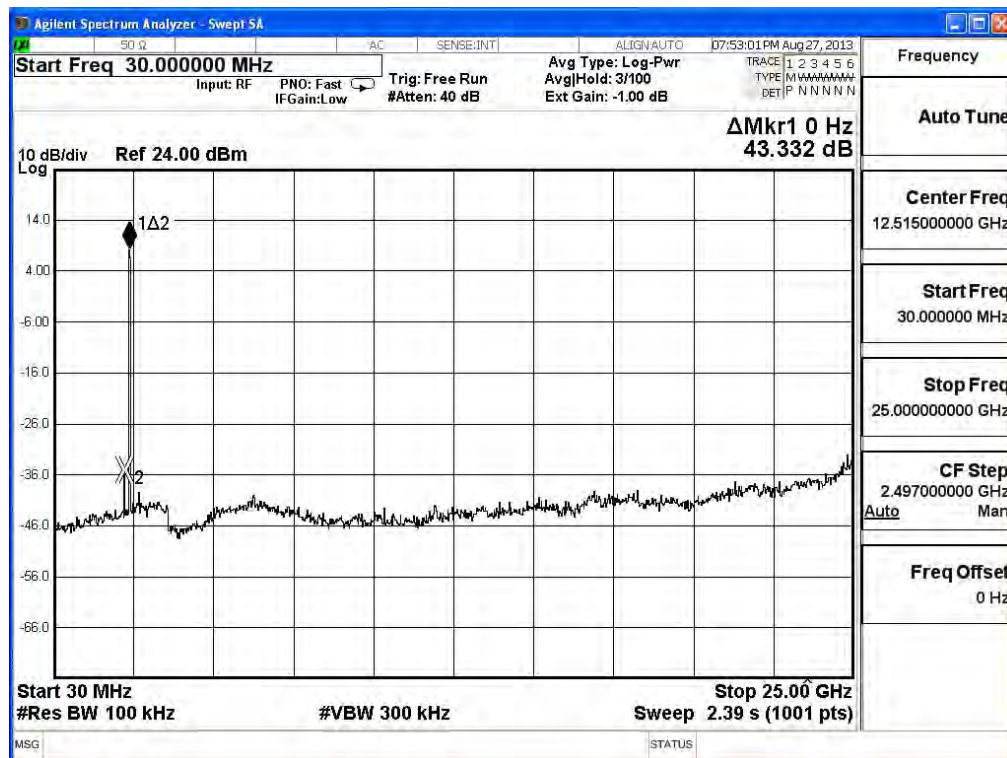
### 2412MHz (30MHz-25GHz)-802.11b-ANT1



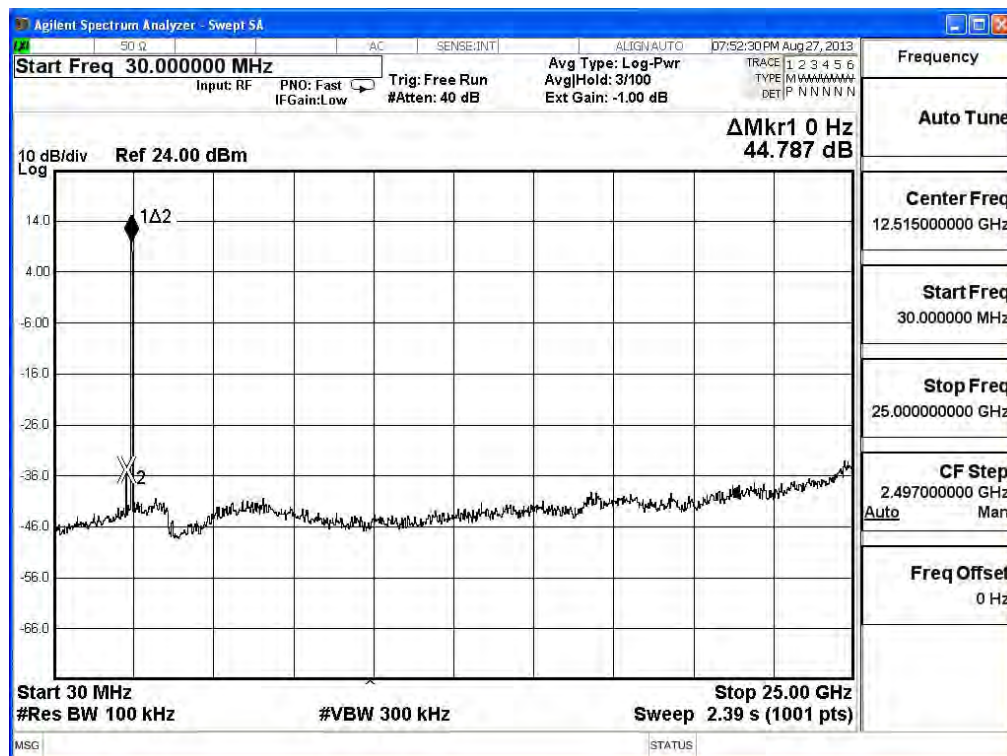
### 2462MHz (30MHz-25GHz) -802.11b-ANT1



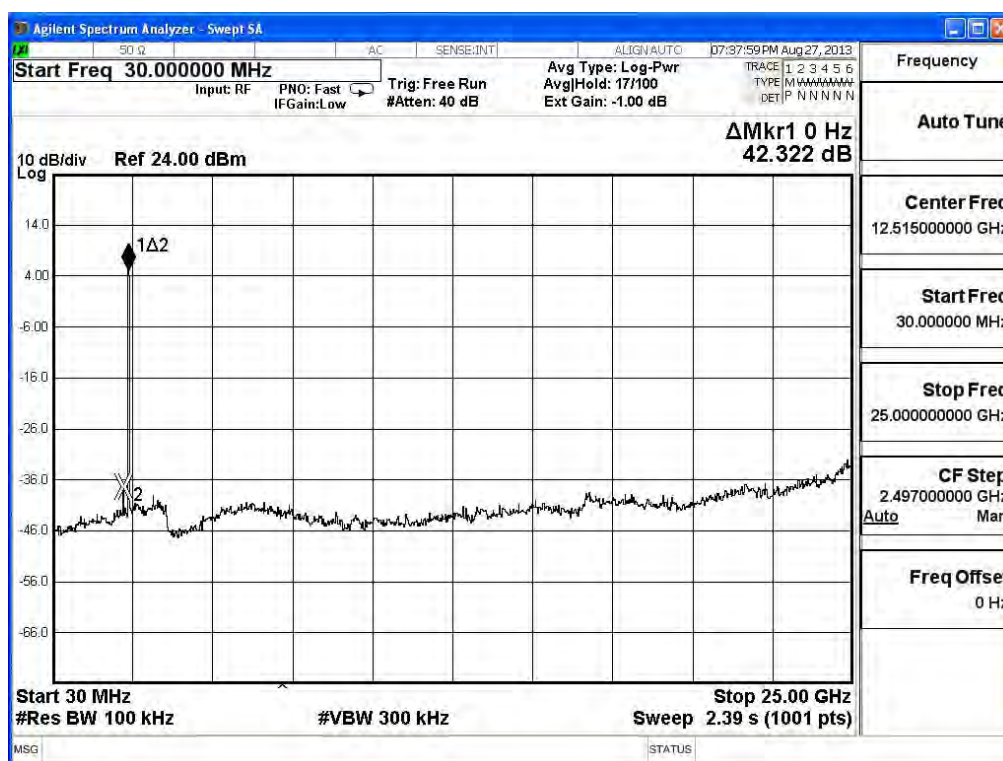
### 2412MHz (30MHz-25GHz)-802.11b-ANT2



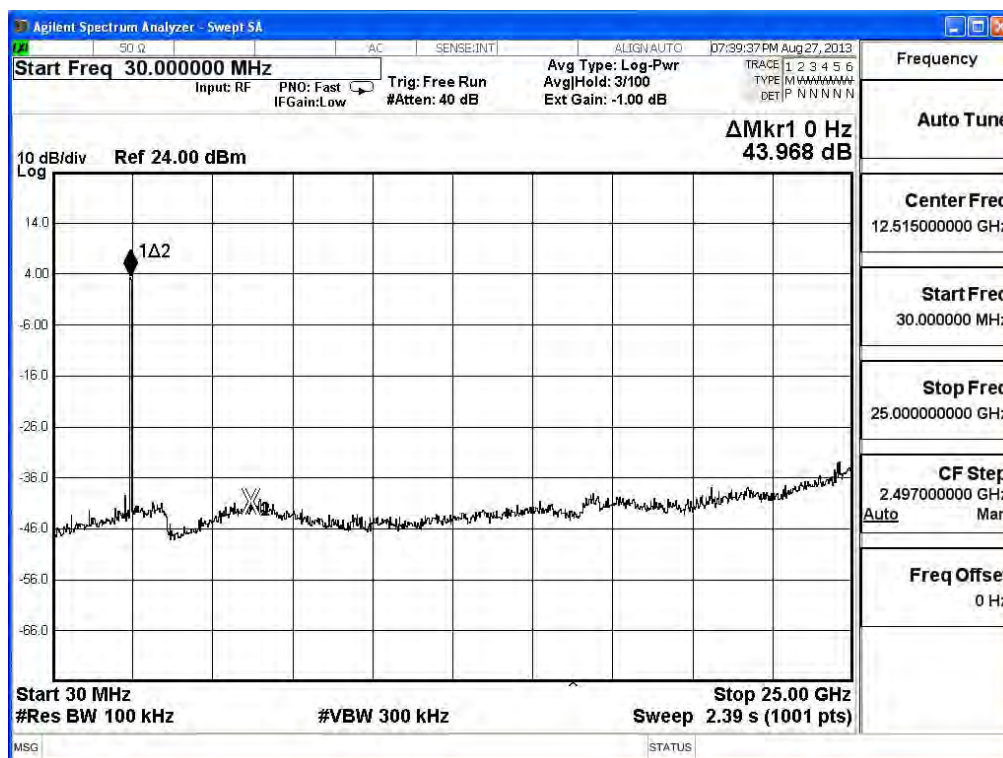
### 2462MHz (30MHz-25GHz) -802.11b-ANT2



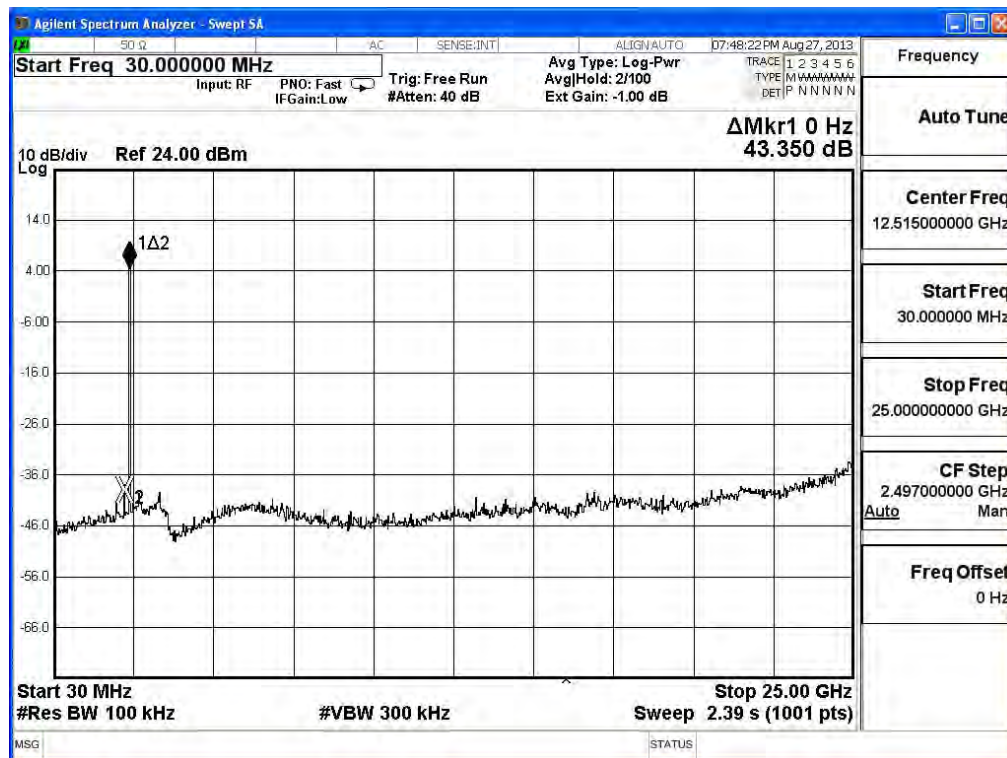
### 2412MHz (30MHz-25GHz)-802.11g-ANT0



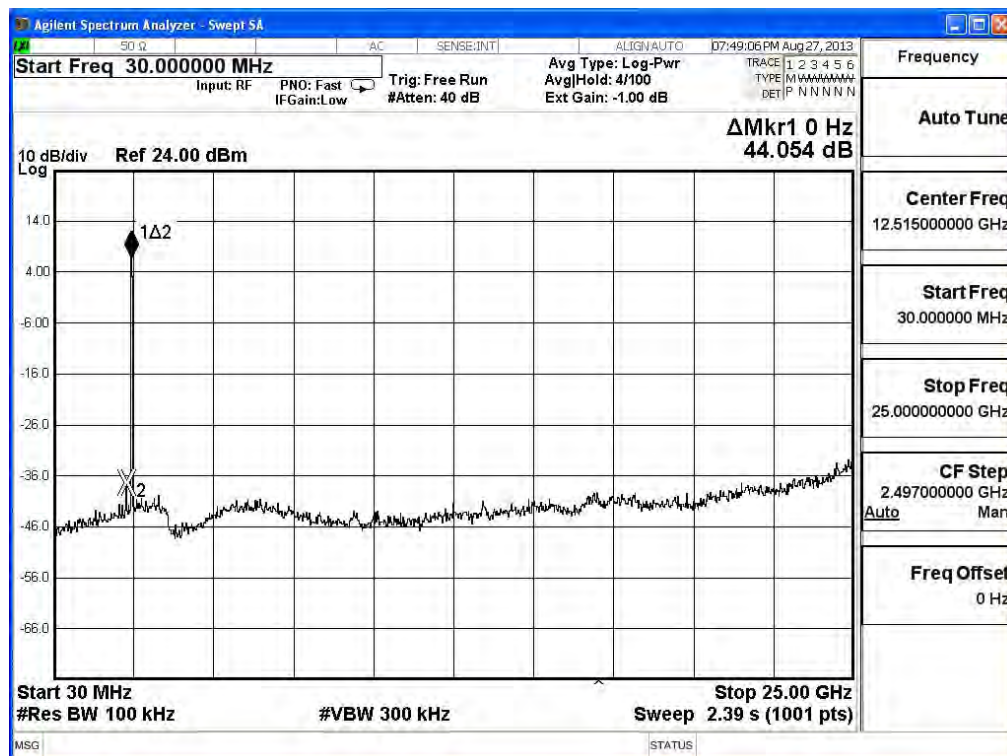
### 2462MHz (30MHz-25GHz) -802.11g-ANT0



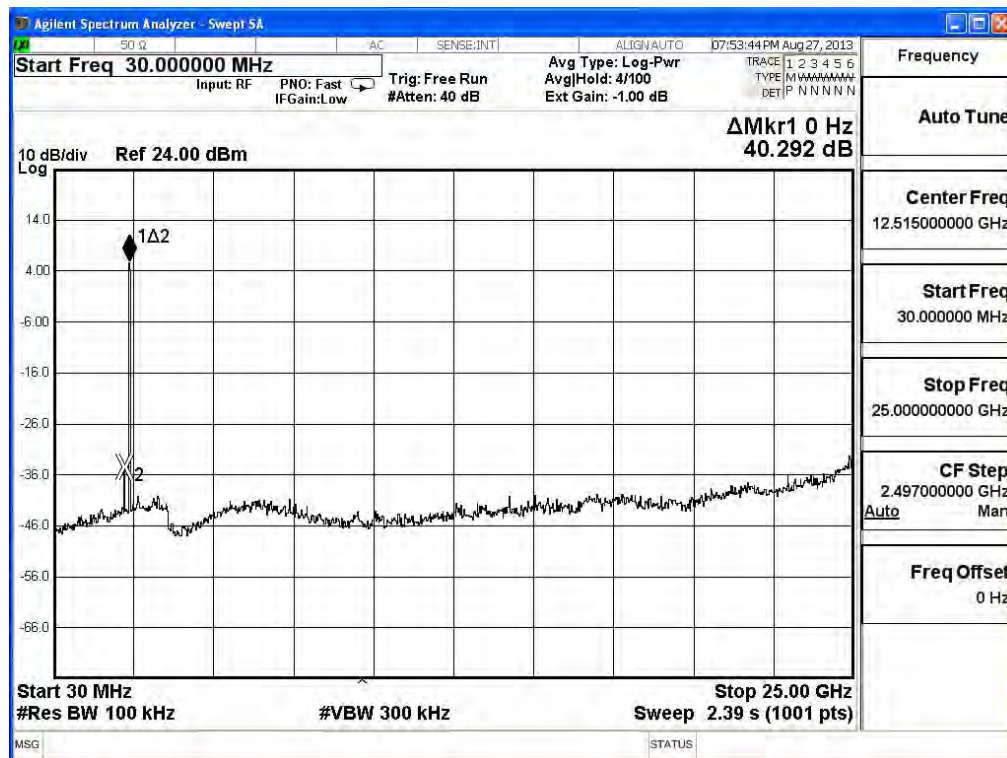
2412MHz (30MHz-25GHz)-802.11g-ANT1



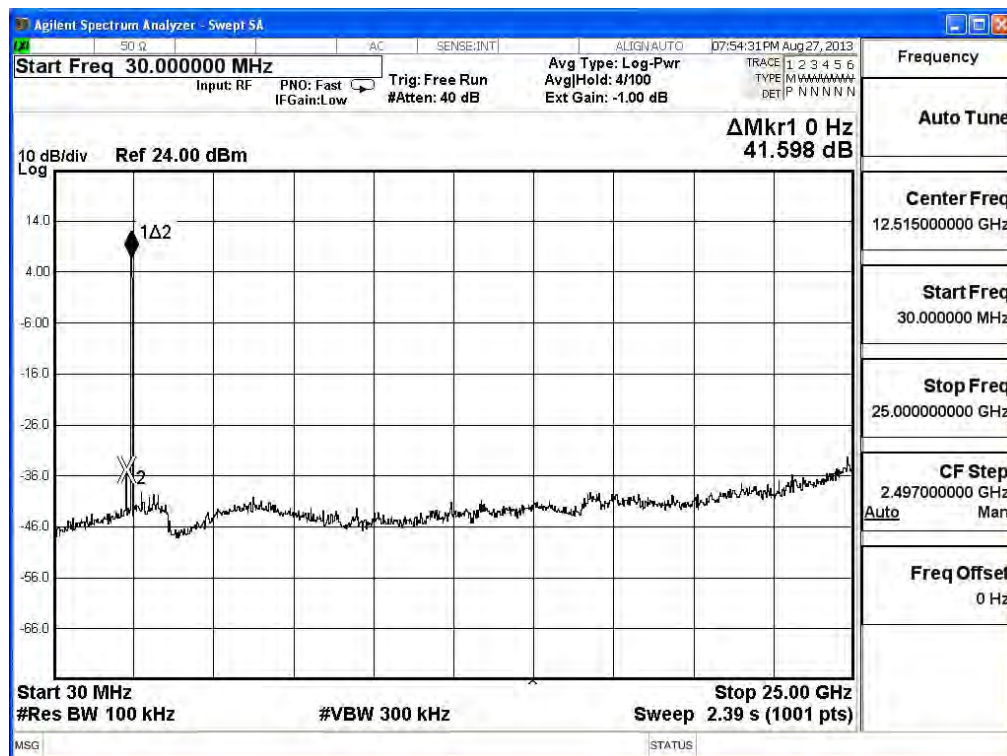
2462MHz (30MHz-25GHz) -802.11g-ANT1



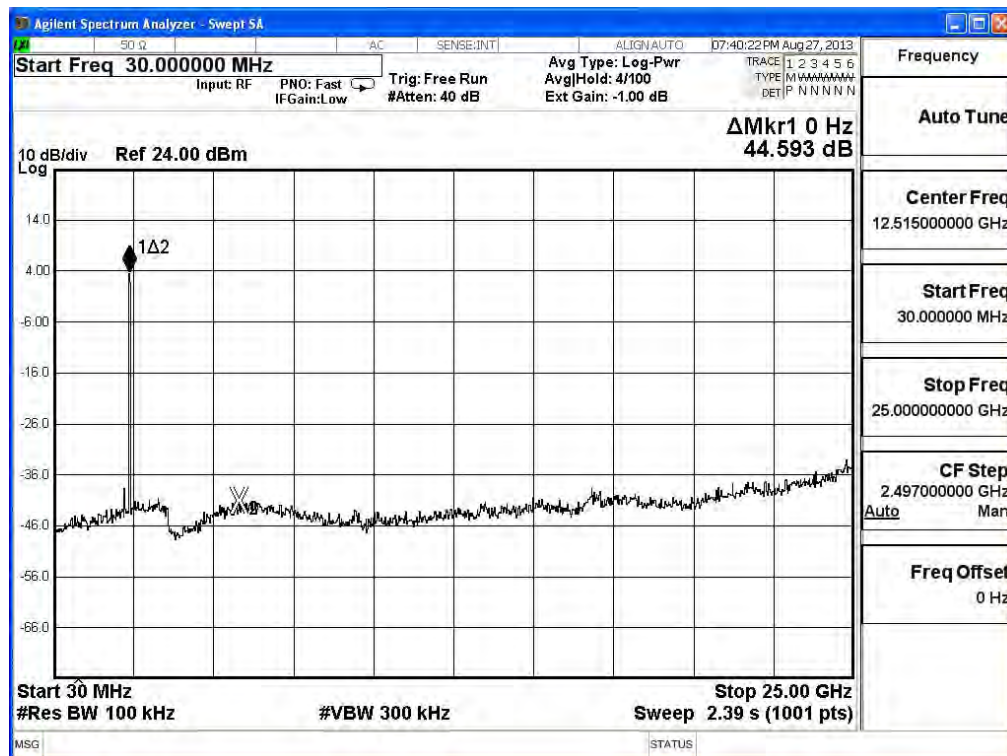
### 2412MHz (30MHz-25GHz)-802.11g-ANT2



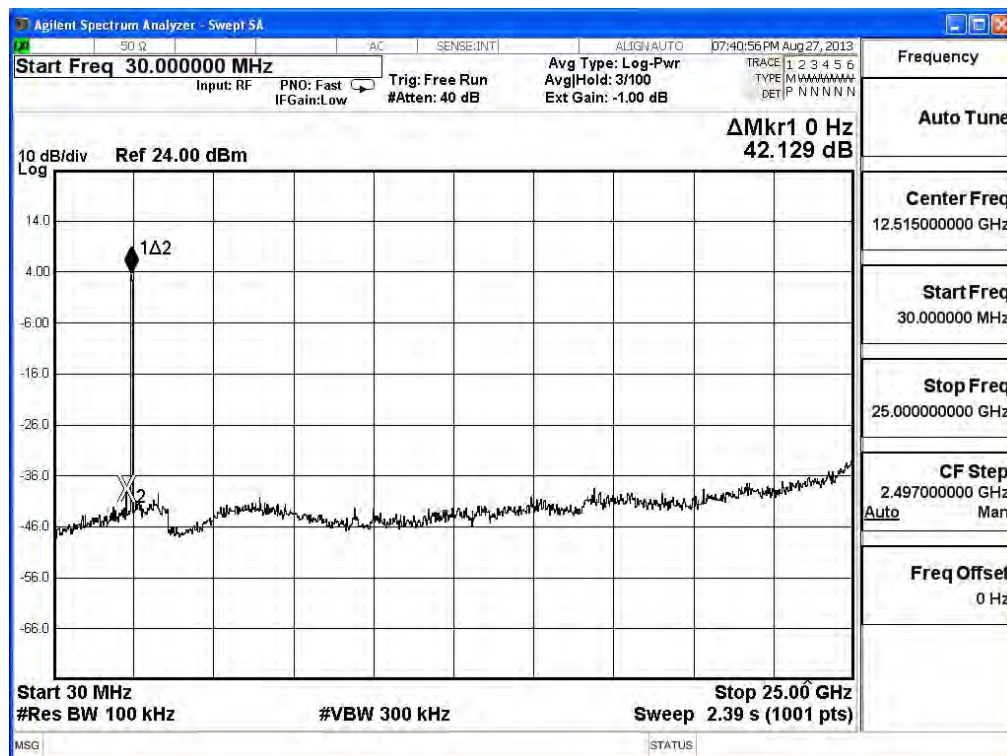
### 2462MHz (30MHz-25GHz) -802.11g-ANT2



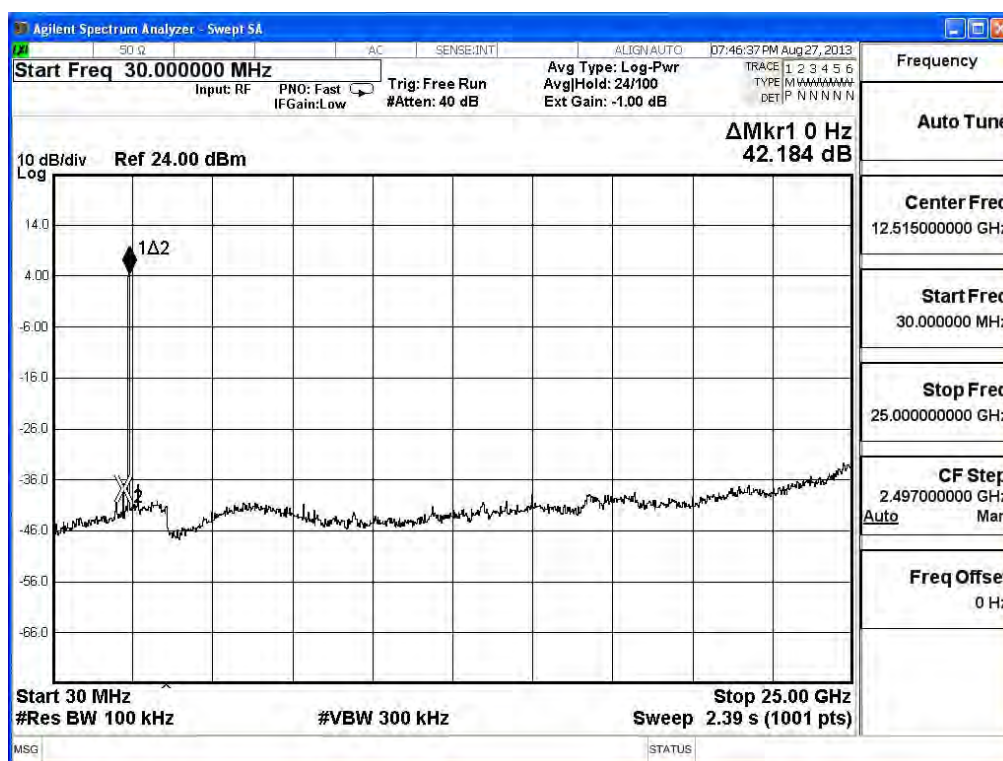
2412MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 0



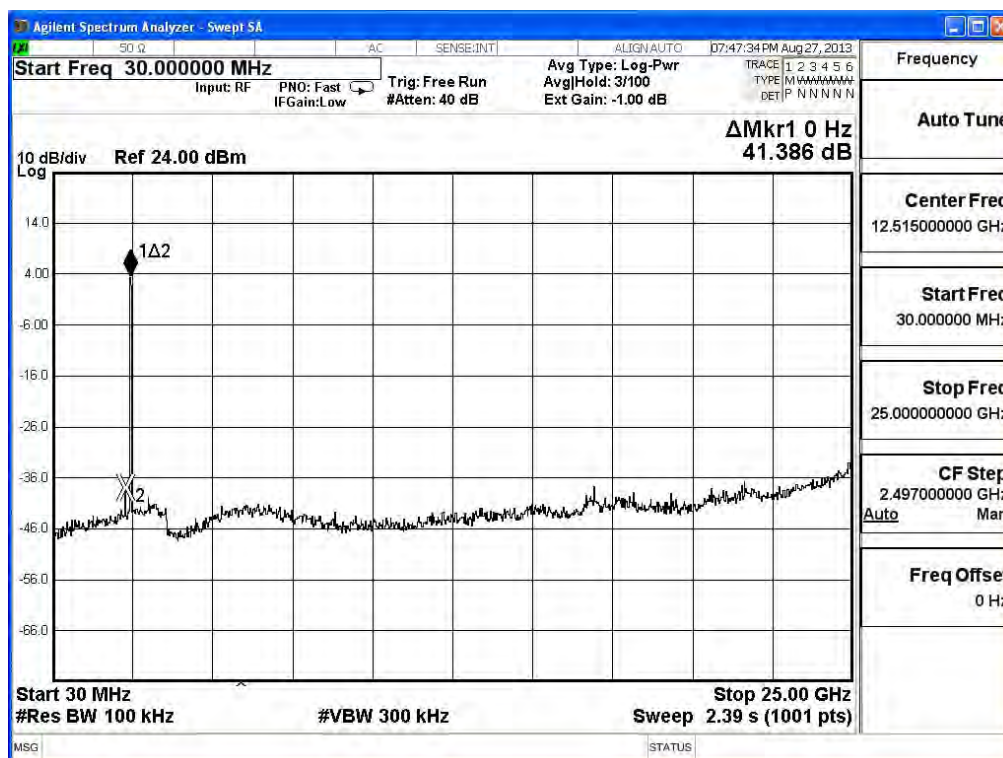
2462MHz (30MHz-25GHz) -802.11n(20MHz)-ANT 0



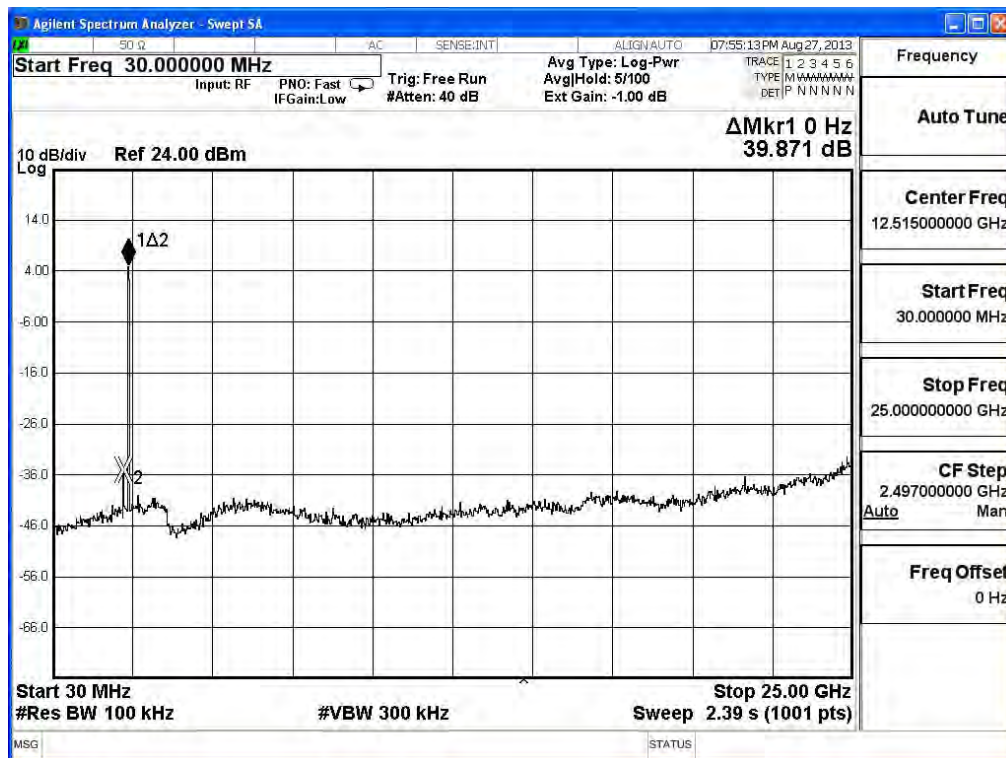
2412MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 1



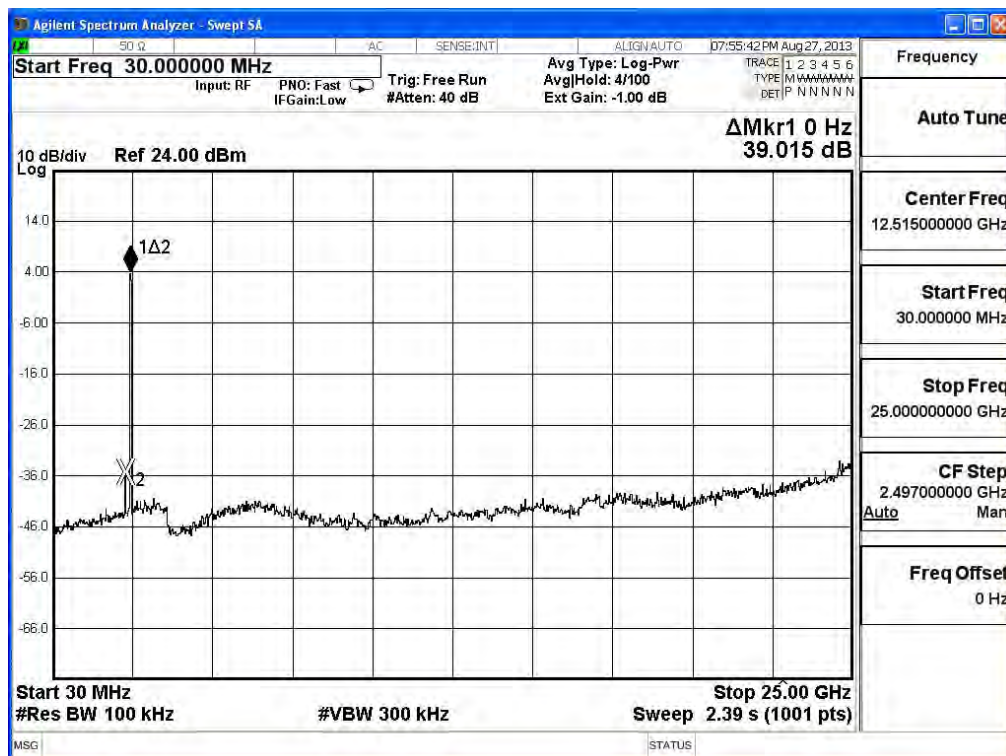
2462MHz (30MHz-25GHz) -802.11n(20MHz)-ANT 1



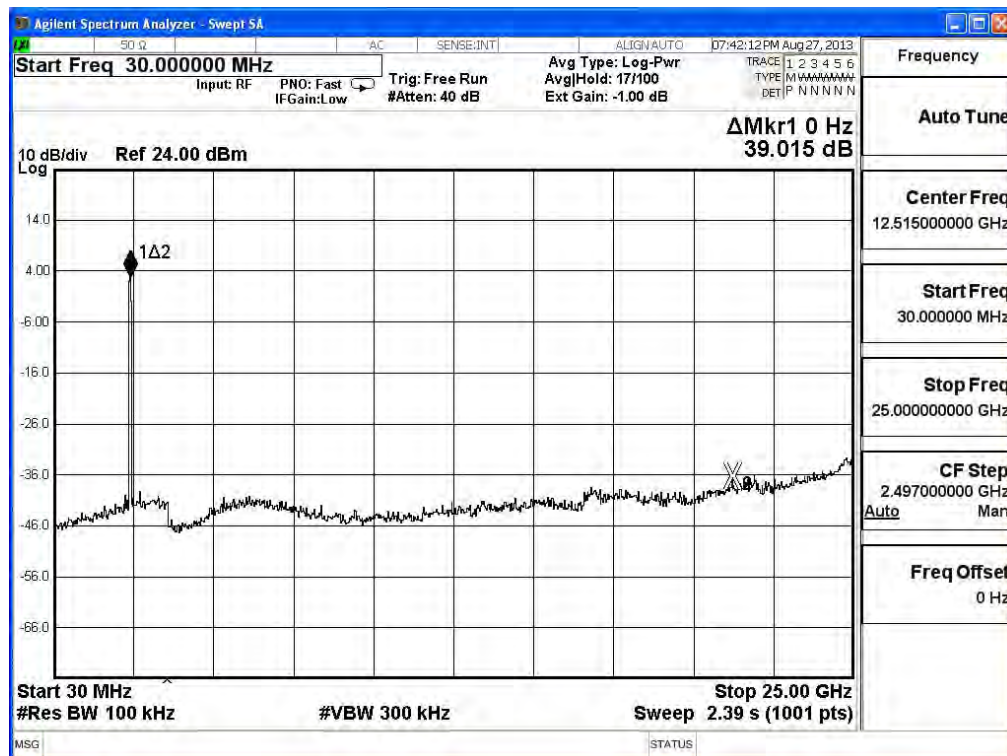
2412MHz (30MHz-25GHz)-802.11n(20MHz)-ANT 2



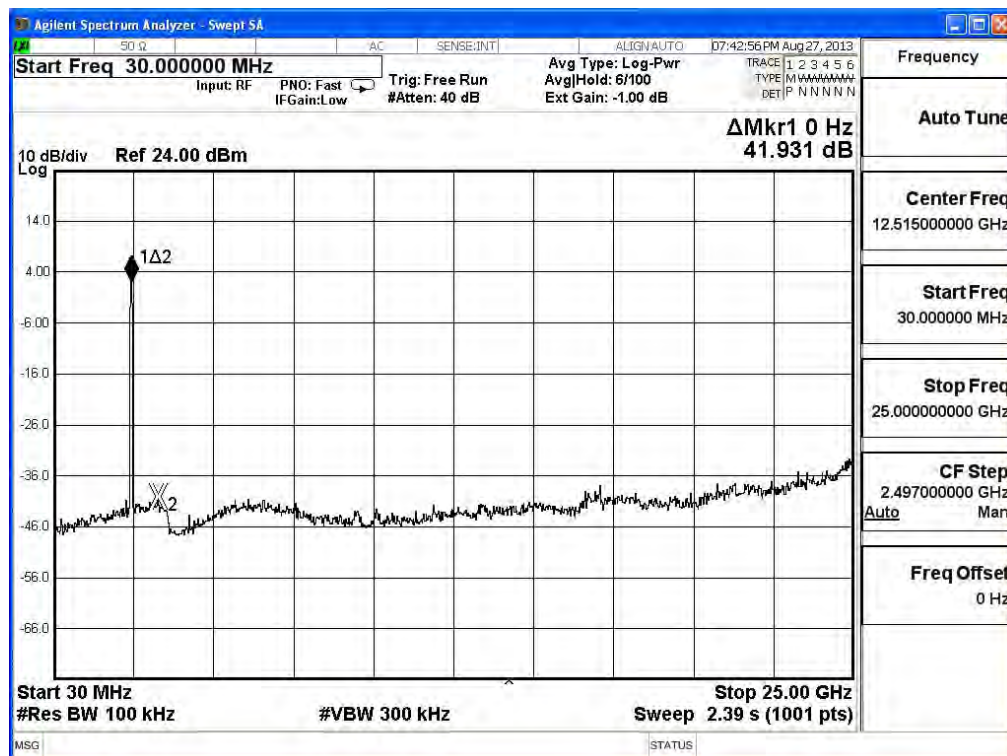
2462MHz (30MHz-25GHz) -802.11n(20MHz)-ANT 2



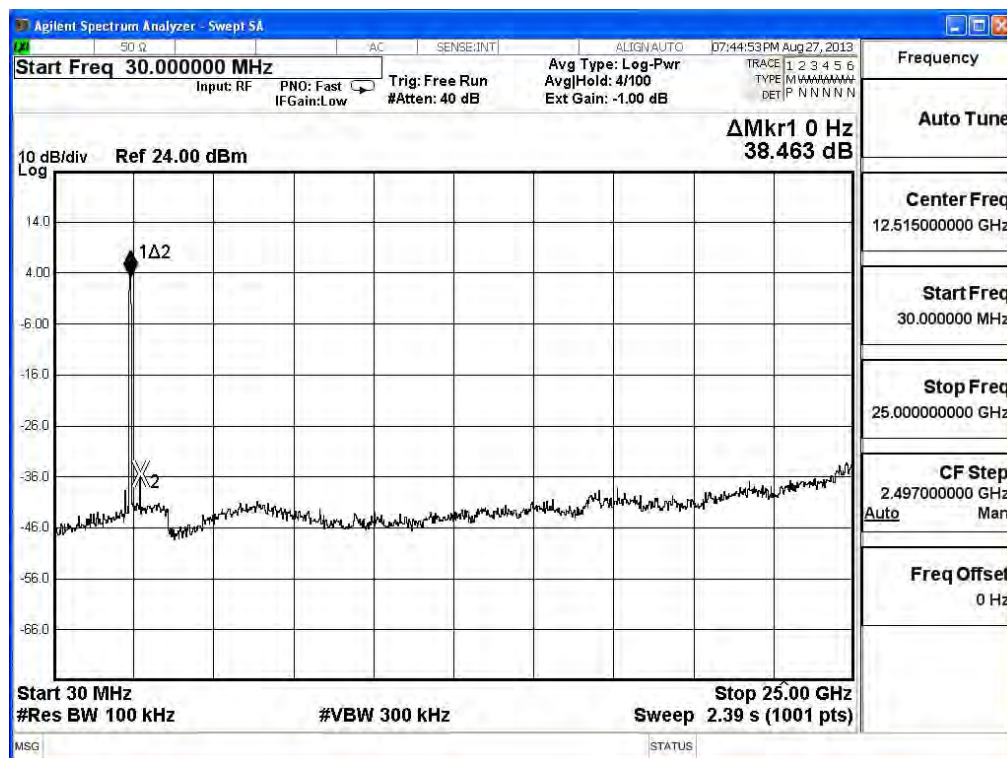
2422MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 0



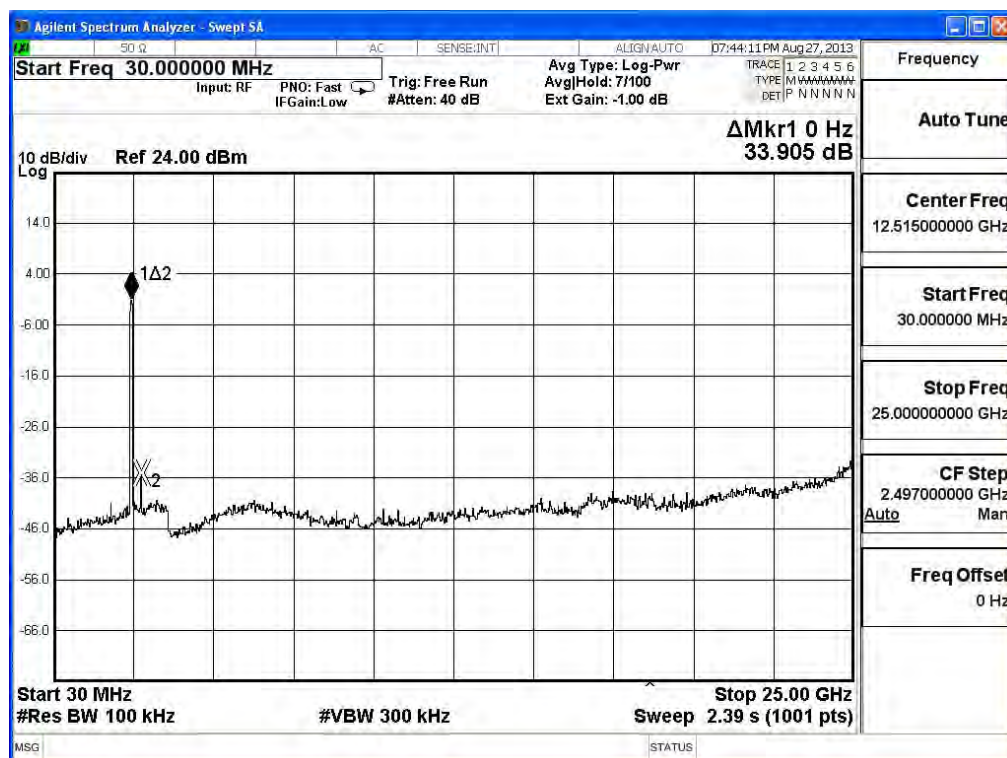
2452MHz (30MHz-25GHz) -802.11n(40MHz)-ANT 0



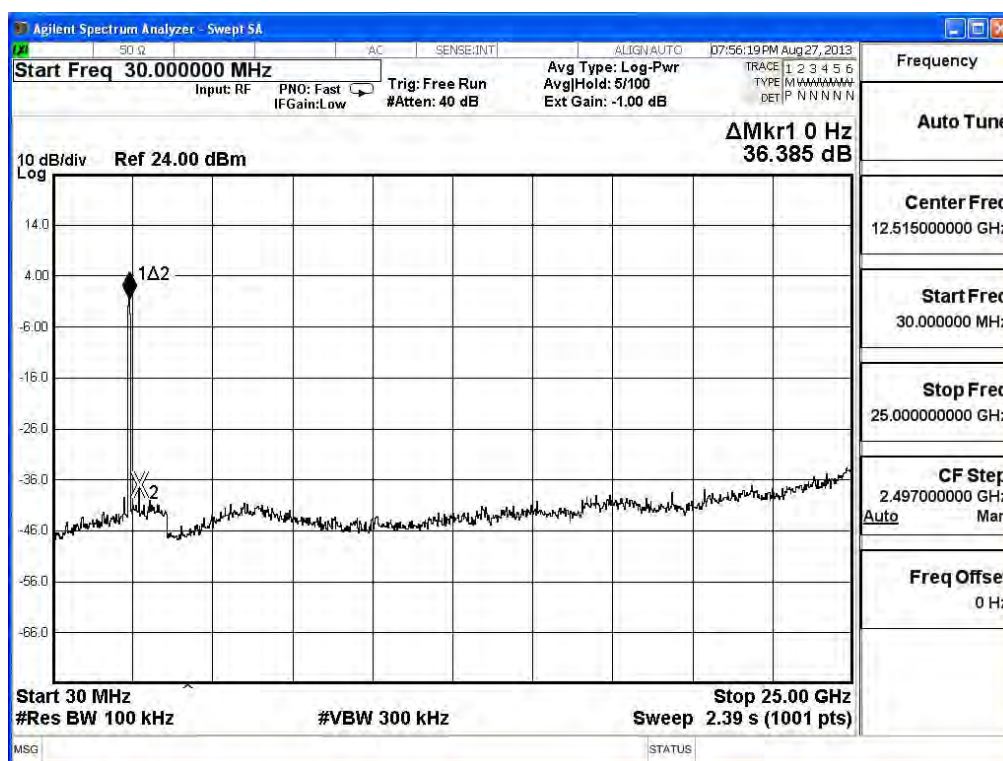
2422MHz (30MHz-25GHz)-802.11n(40MHz)-ANT 1



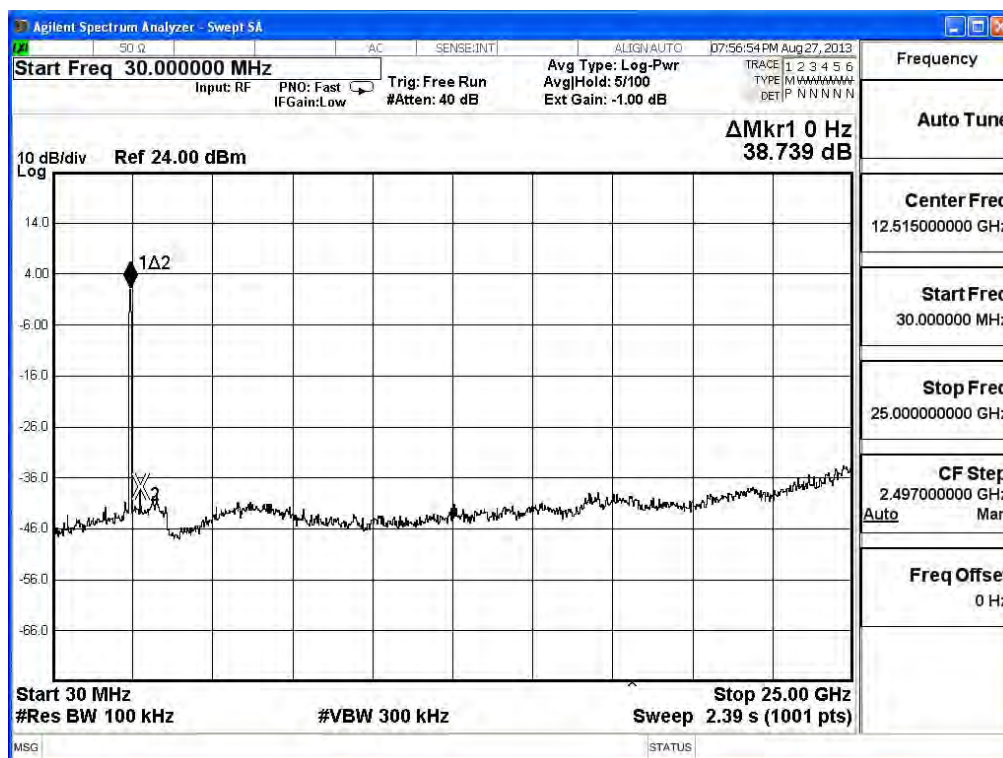
2452MHz (30MHz-25GHz) -802.11n(40MHz)-ANT 1



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



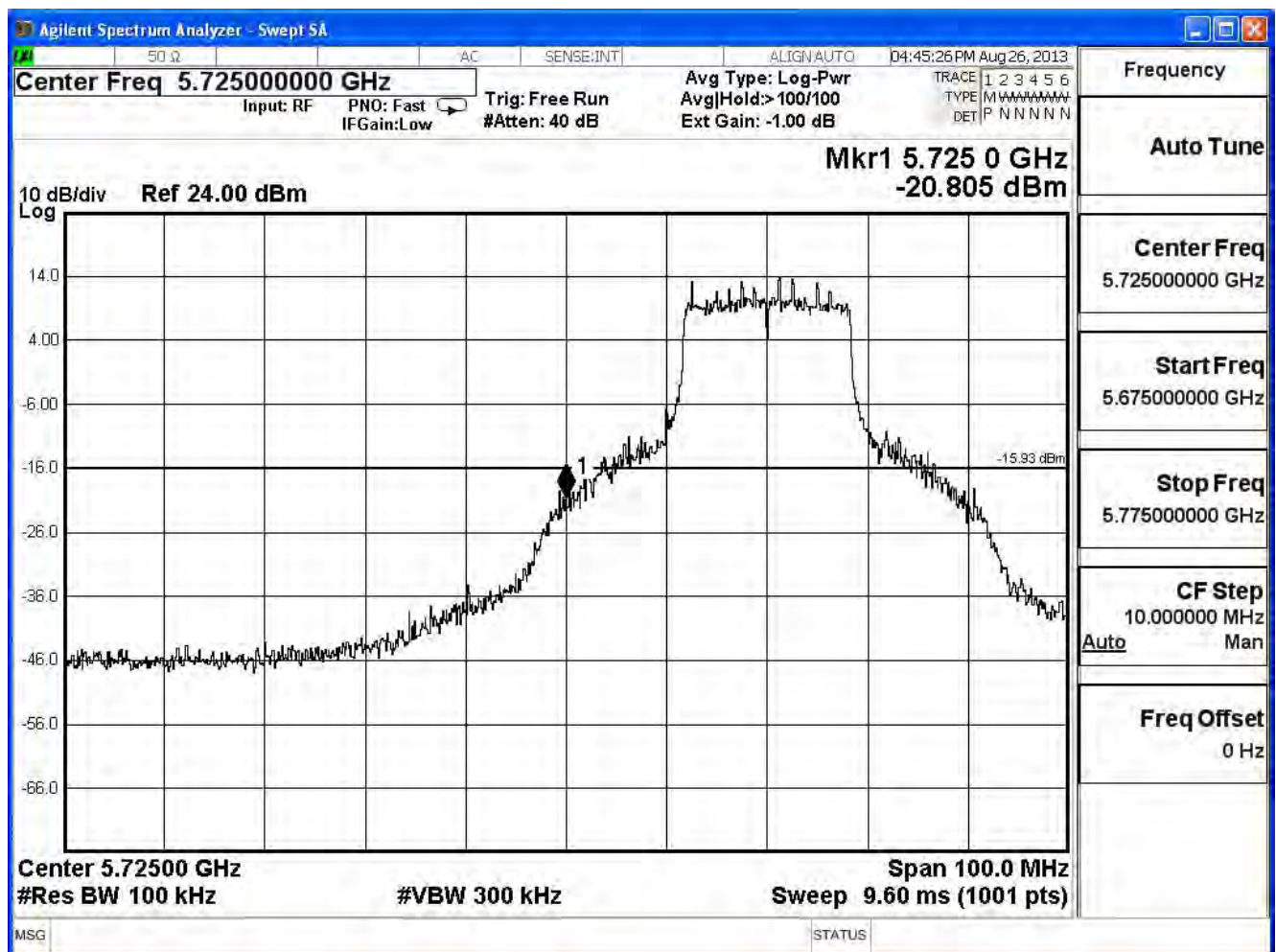
2452MHz (30MHz-25GHz) -802.11n(40MHz)-ANT 2



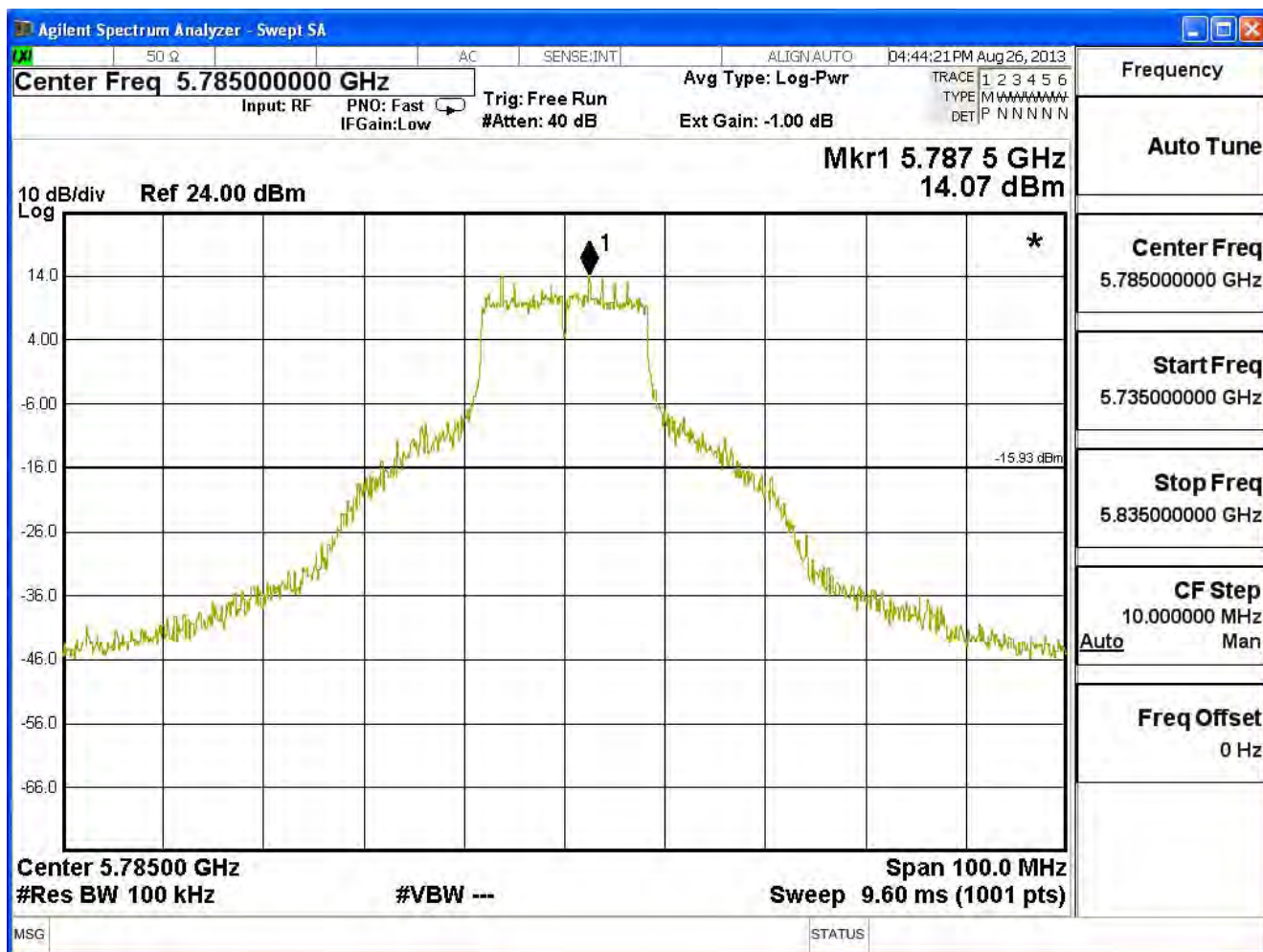
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11a (ANT0), Duty Cycle: 1 |                 |                     |             |        |
|------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                        | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 149                                | 5745            | 34.88               | $\geq 30$   | Pass   |
| 165                                | 5825            | 44.94               | $\geq 30$   | Pass   |

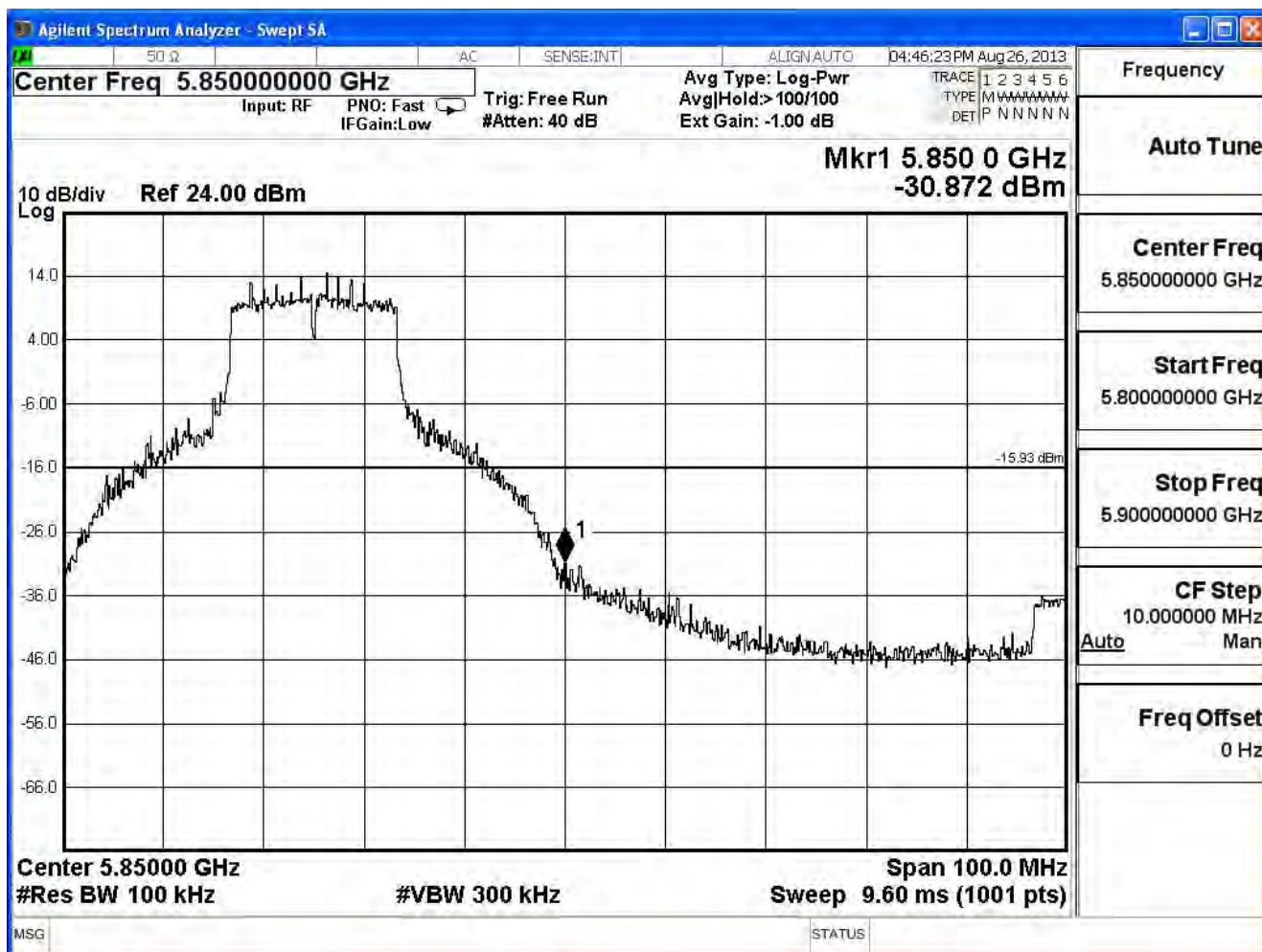
## Channel 149 (5745MHz)



Channel 157 (5785MHz)



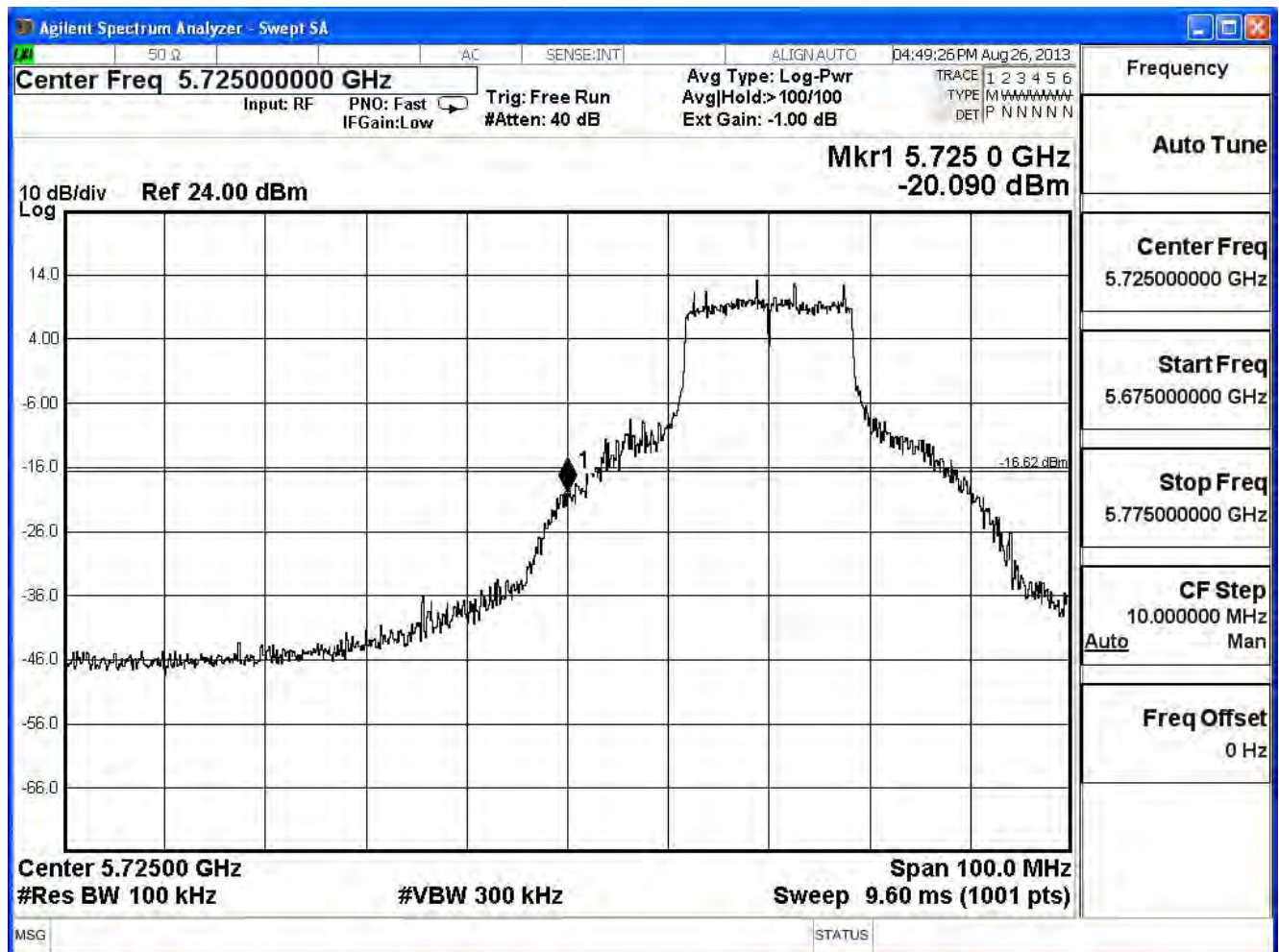
Channel 165 (5825MHz)



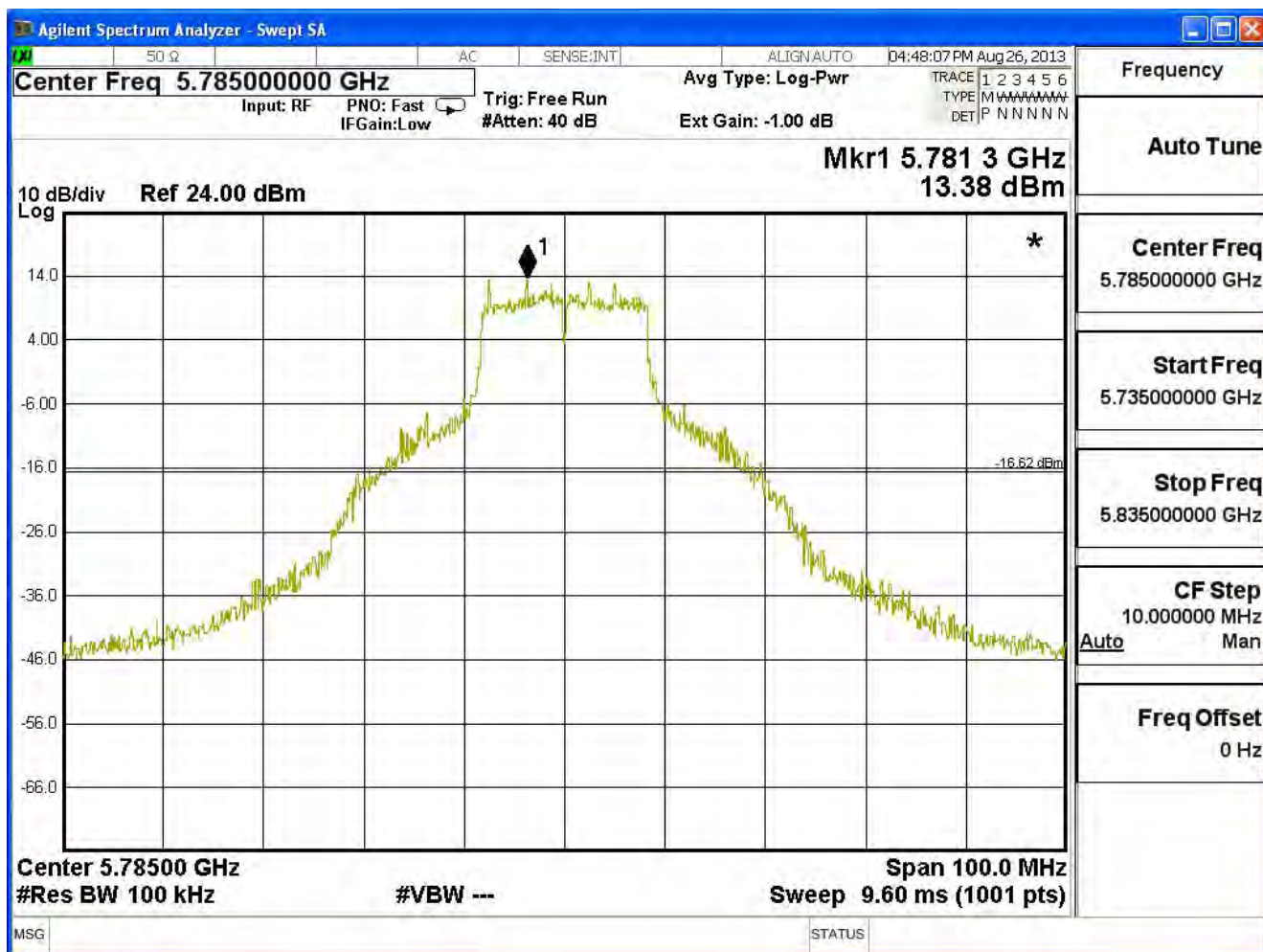
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11a (ANT1), Duty Cycle: 1 |                 |                     |             |        |
|------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                        | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 149                                | 5745            | 31.47               | $\geq 30$   | Pass   |
| 165                                | 5825            | 45.20               | $\geq 30$   | Pass   |

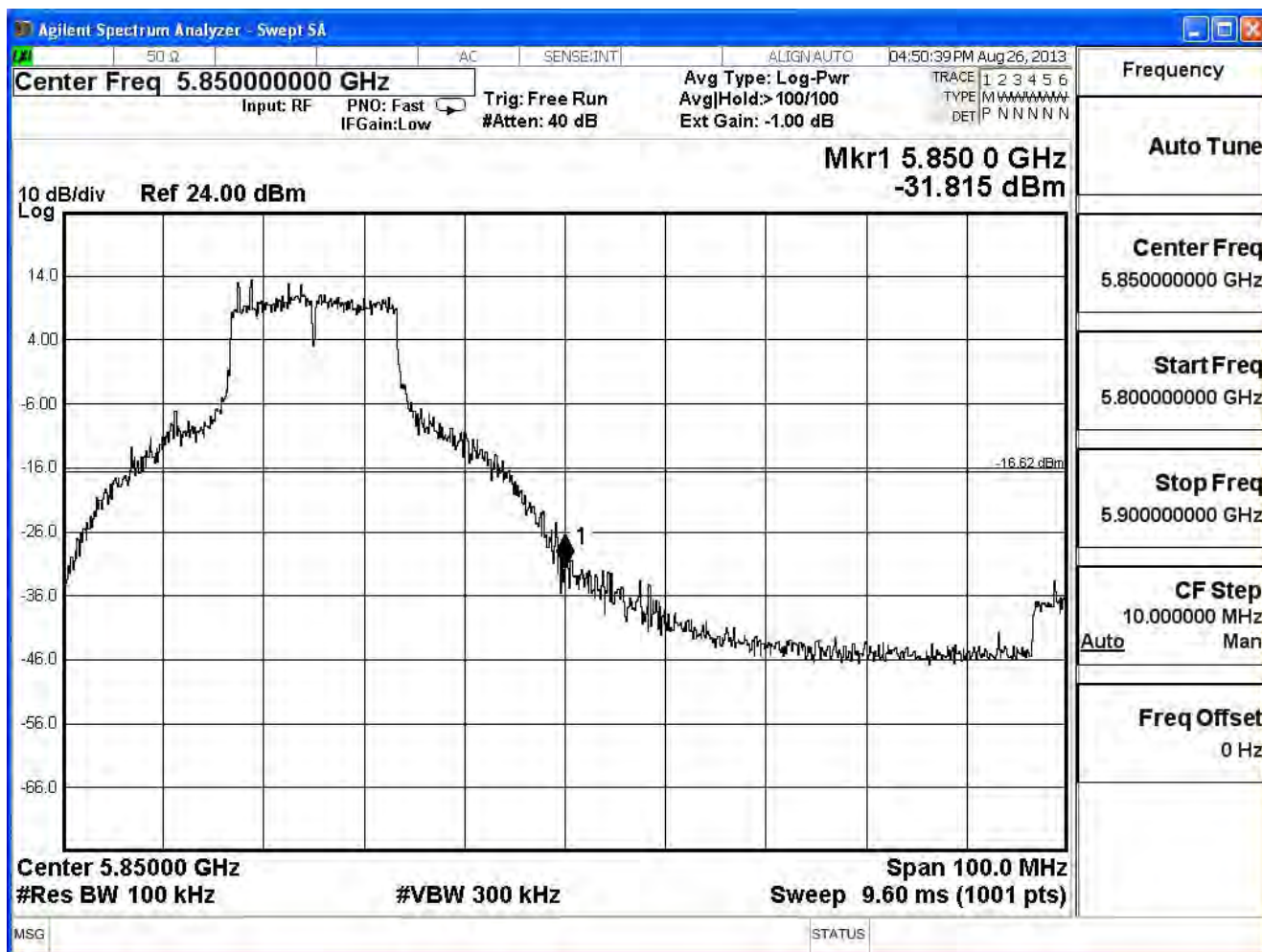
## Channel 149 (5745MHz)



Channel 157 (5785MHz)



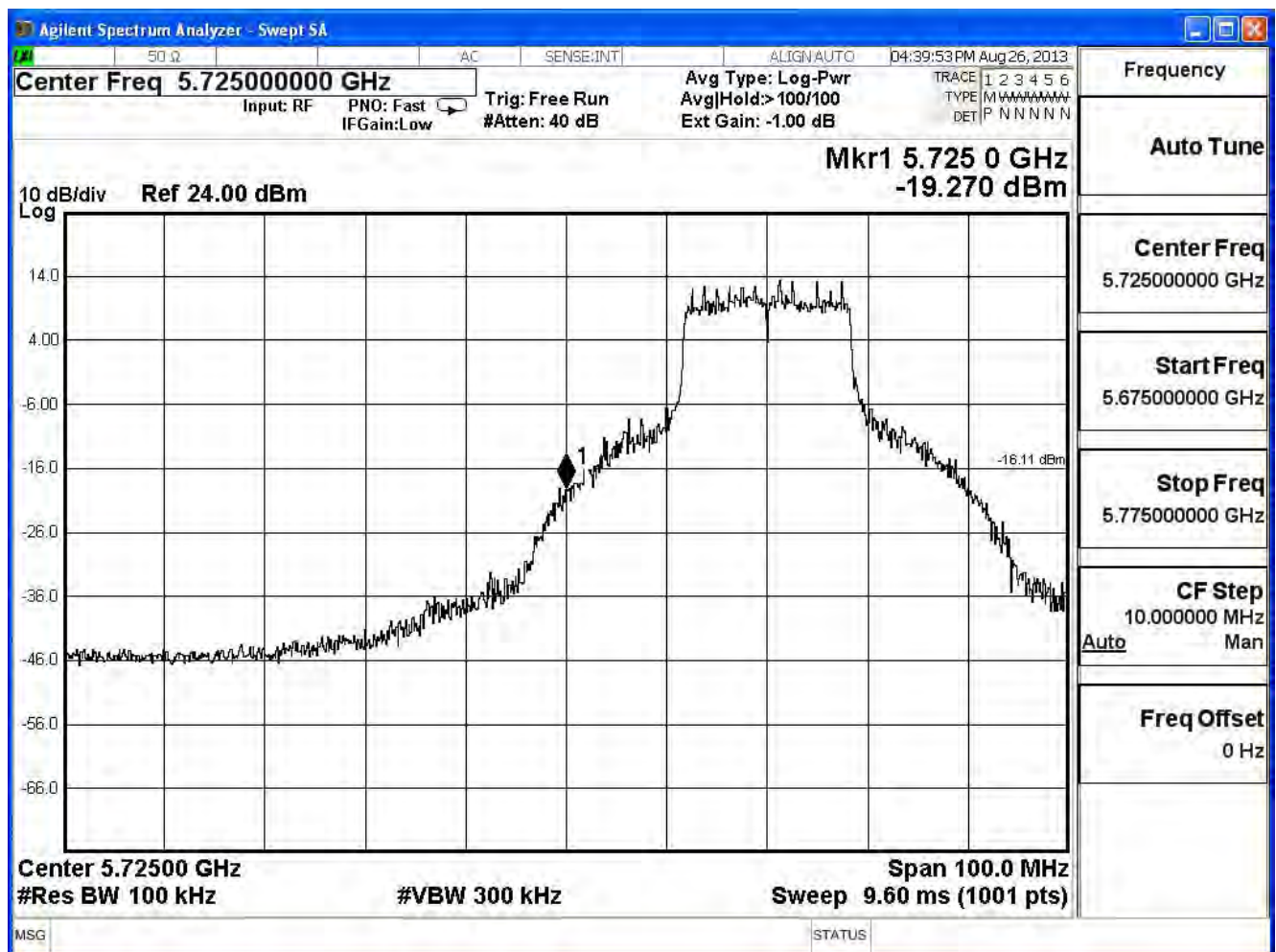
Channel 165 (5825MHz)



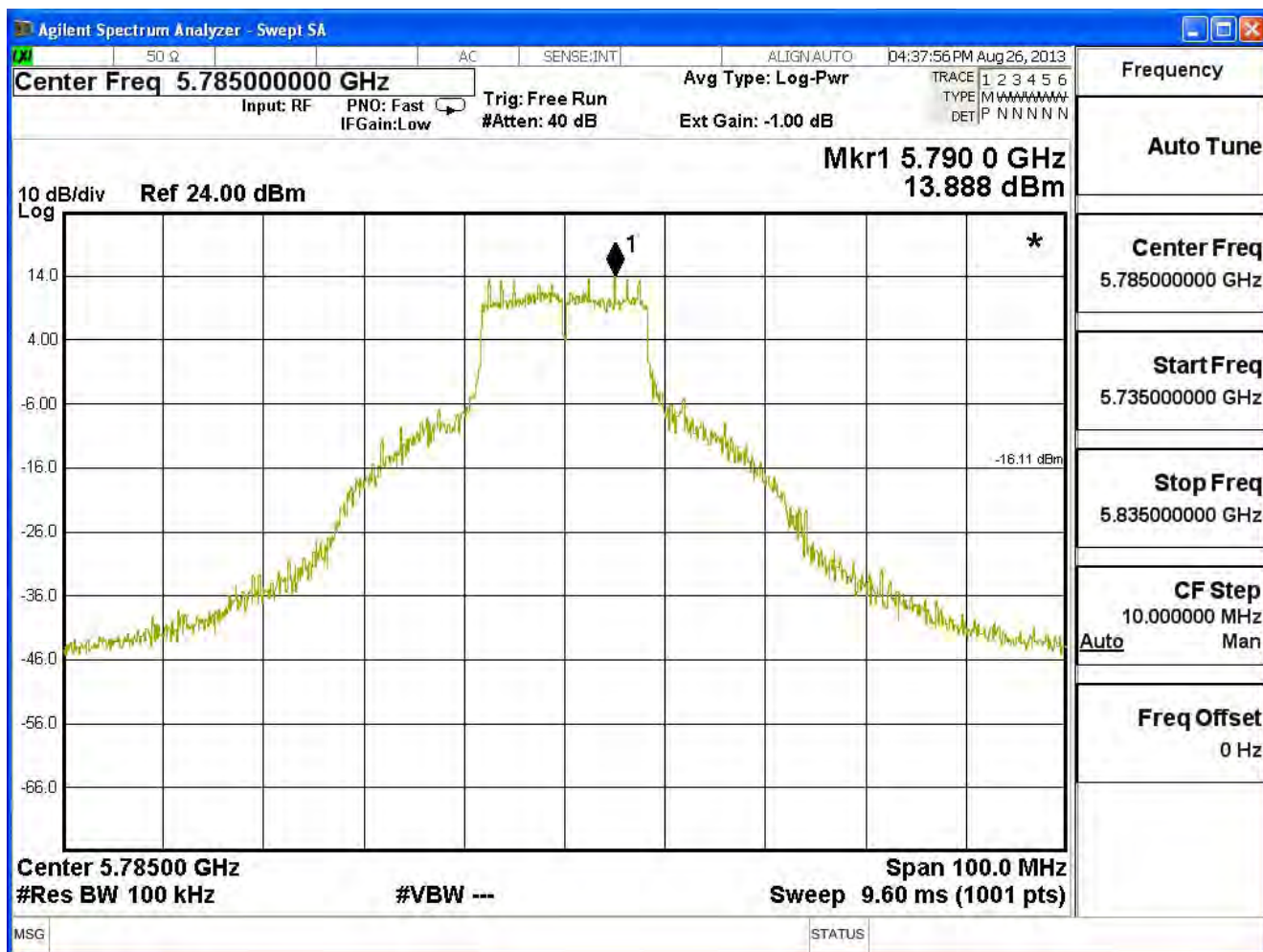
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11a (ANT2), Duty Cycle: 1 |                 |                     |             |        |
|------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                        | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 149                                | 5745            | 33.16               | $\geq 30$   | Pass   |
| 165                                | 5825            | 44.36               | $\geq 30$   | Pass   |

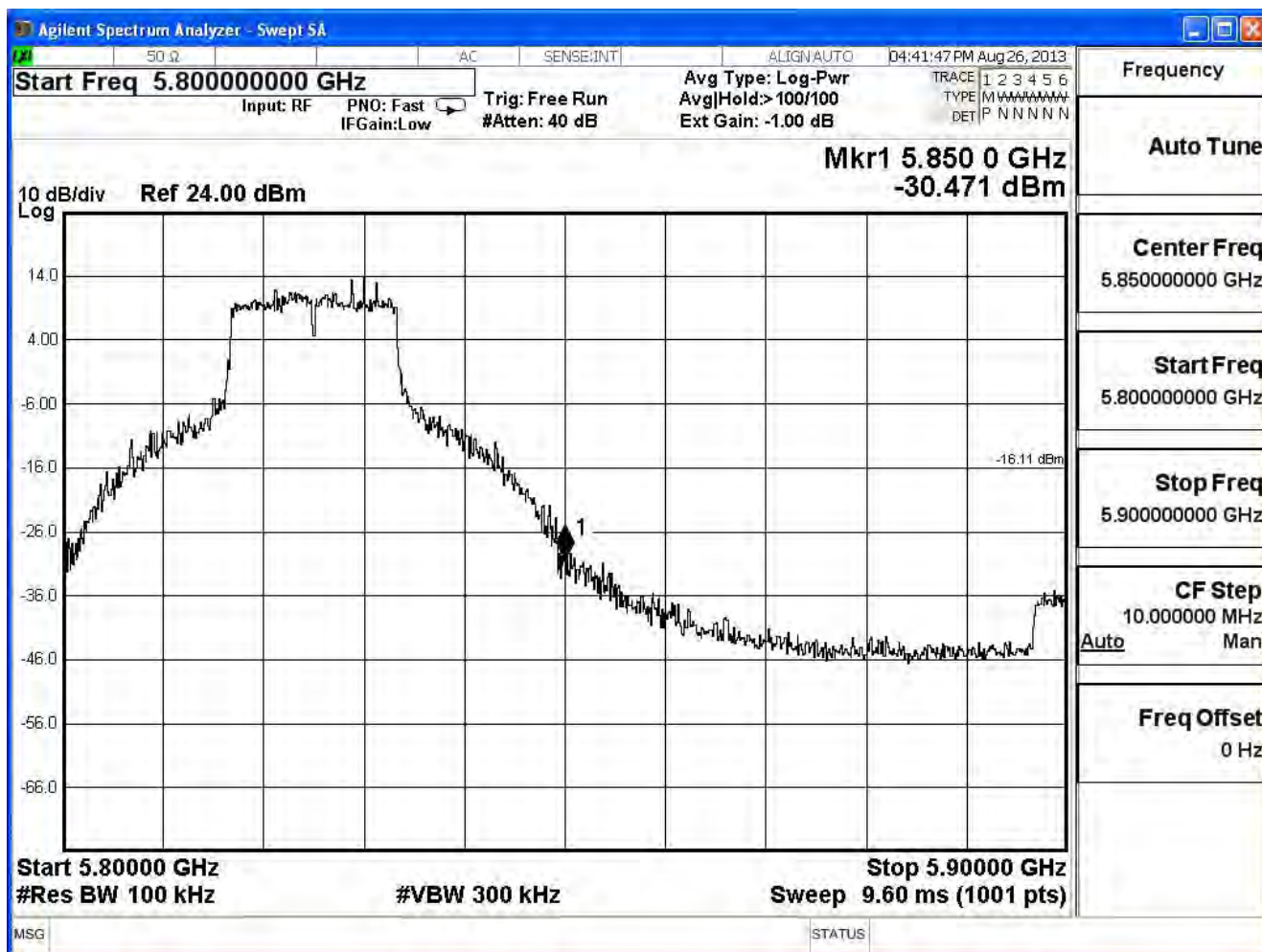
### Channel 149 (5745MHz)



Channel 157 (5785MHz)



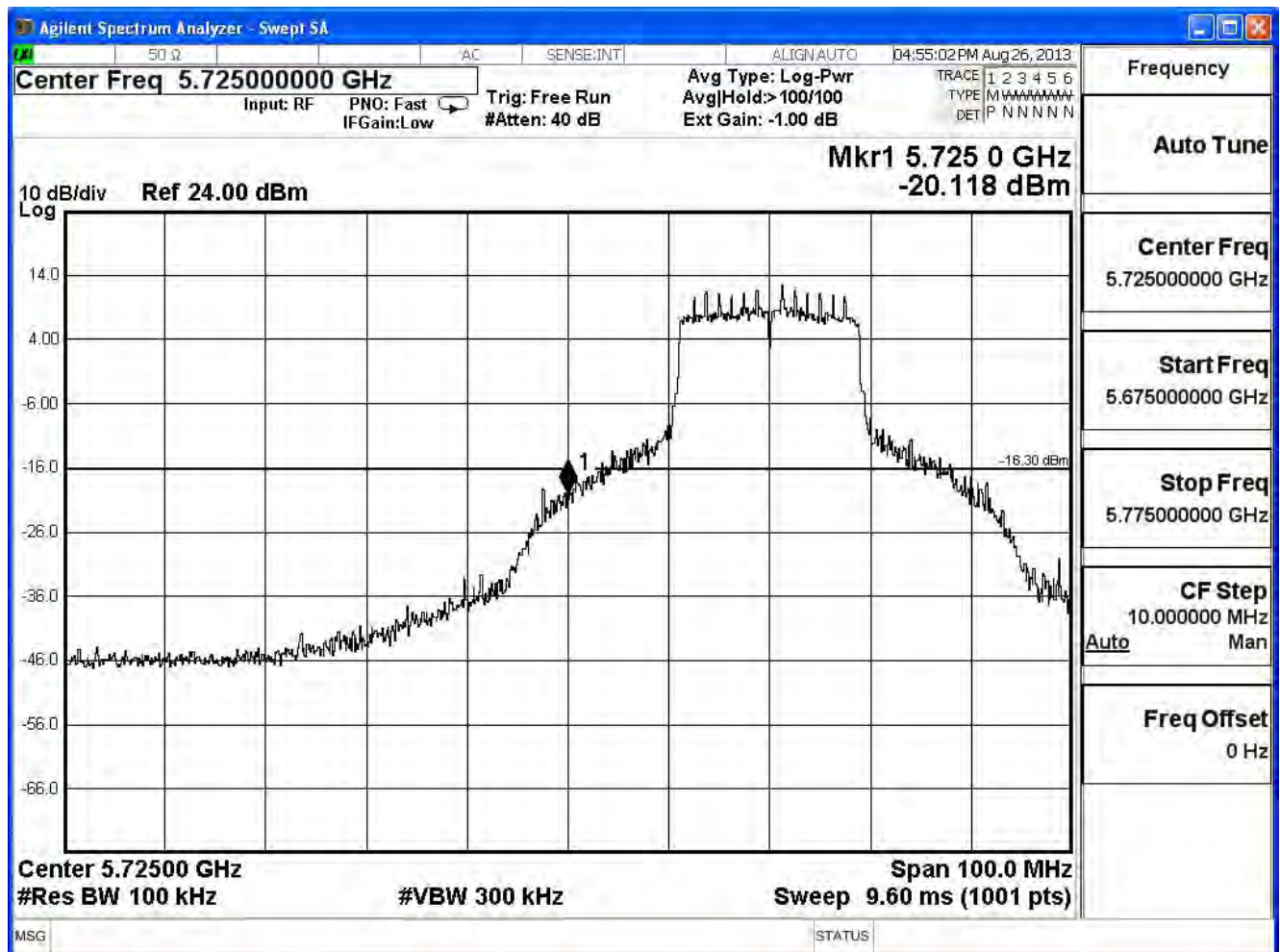
Channel 165 (5825MHz)



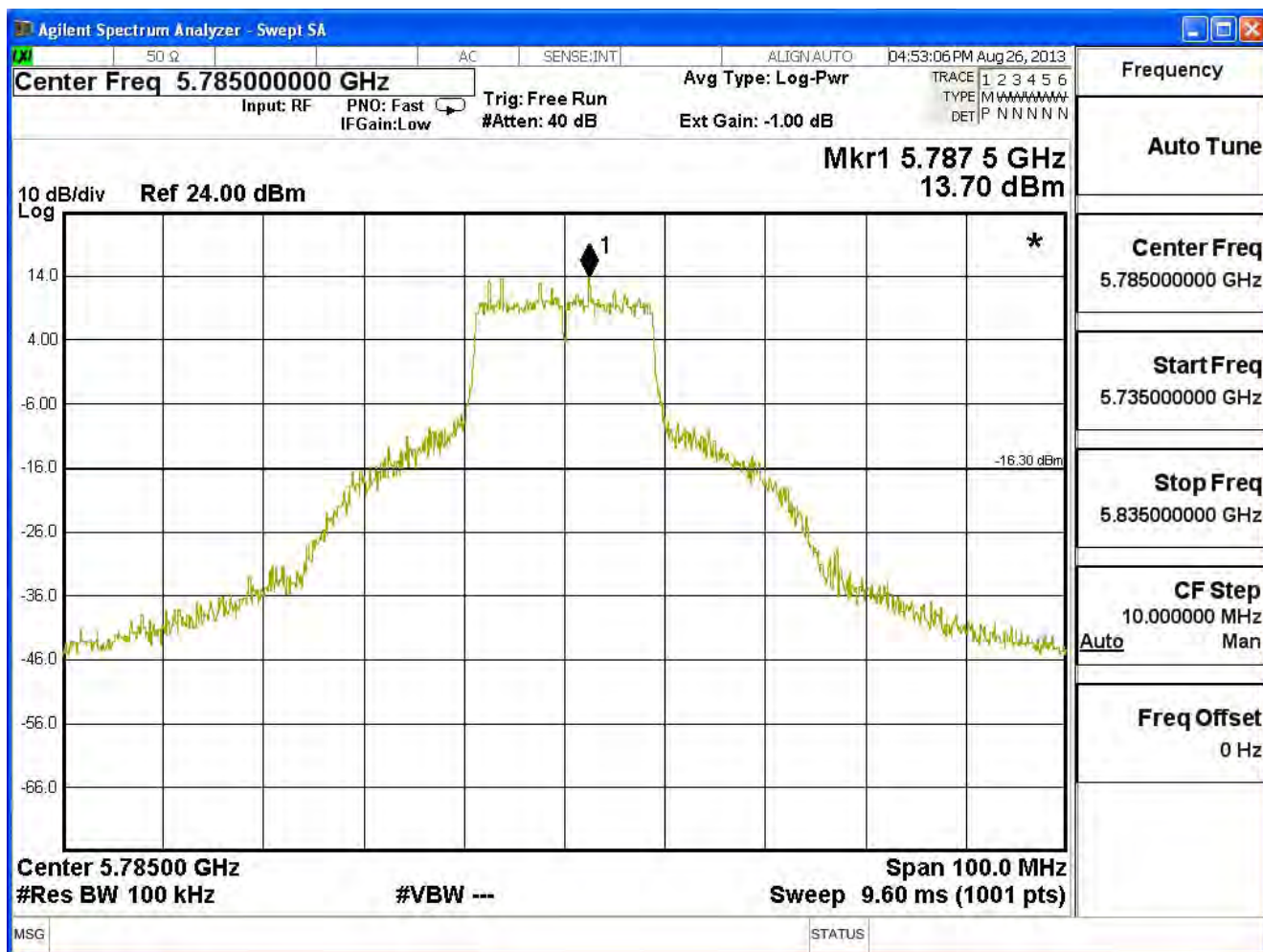
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11n (20MHz), (ANT 0) Duty Cycle: 1 |                 |                     |             |        |
|---------------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                                 | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 149                                         | 5745            | 33.82               | $\geq 30$   | Pass   |
| 165                                         | 5825            | 42.98               | $\geq 30$   | Pass   |

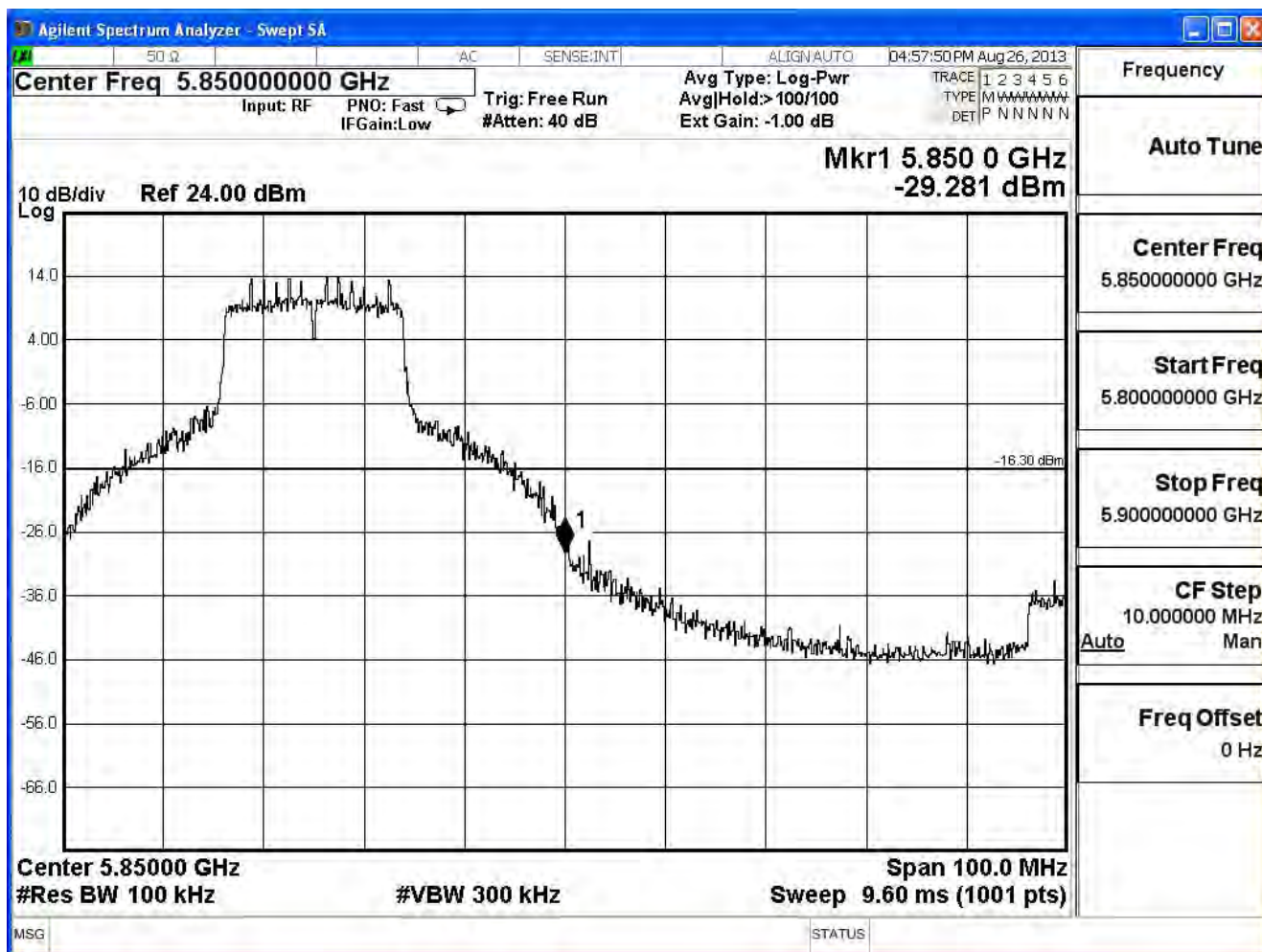
## Channel 149 (5745MHz)



Channel 157 (5785MHz)



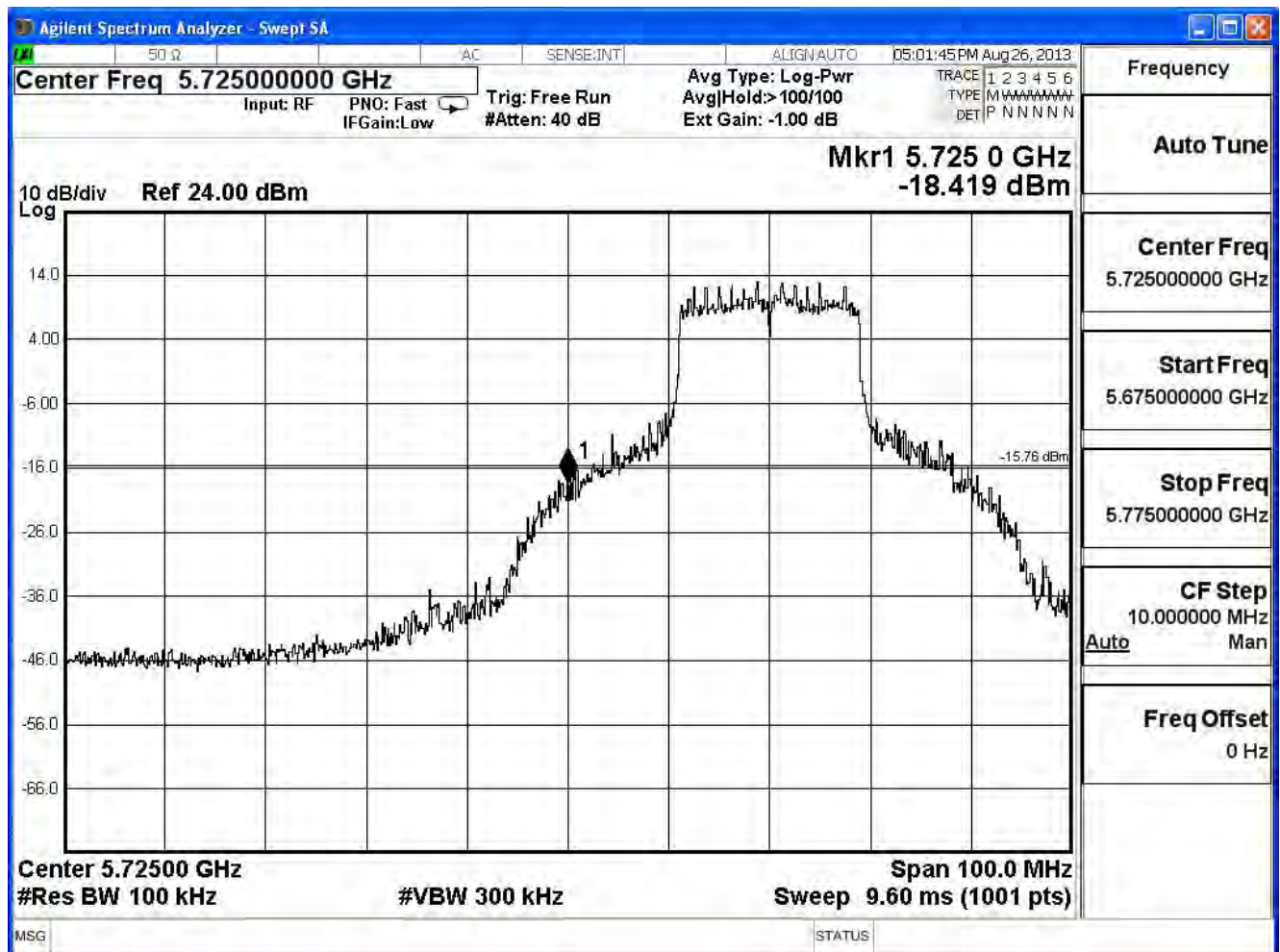
Channel 165 (5825MHz)



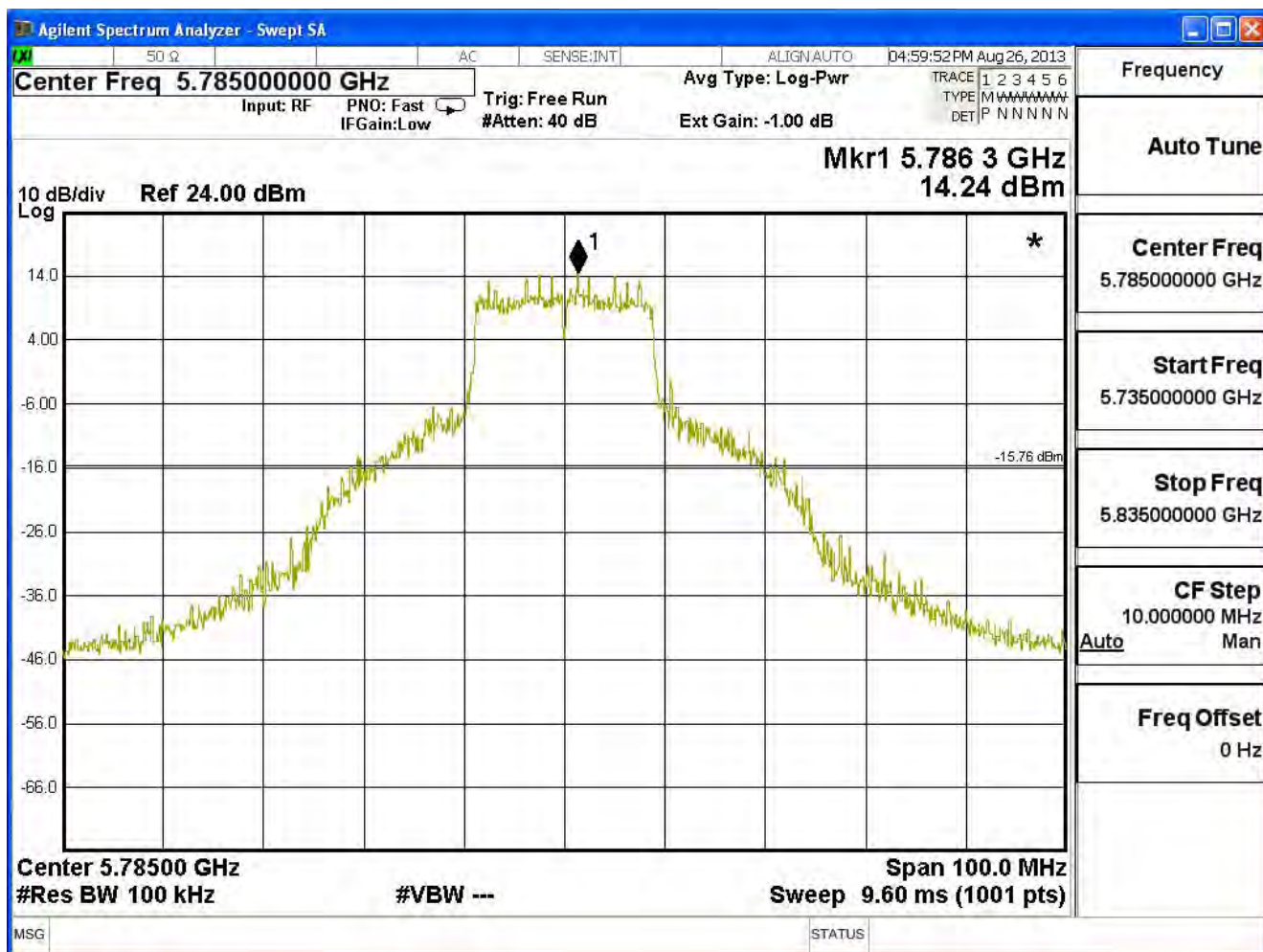
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11n (20MHz), (ANT 1) Duty Cycle: 1 |                 |                     |             |        |
|---------------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                                 | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 149                                         | 5745            | 32.66               | $\geq 30$   | Pass   |
| 165                                         | 5825            | 38.57               | $\geq 30$   | Pass   |

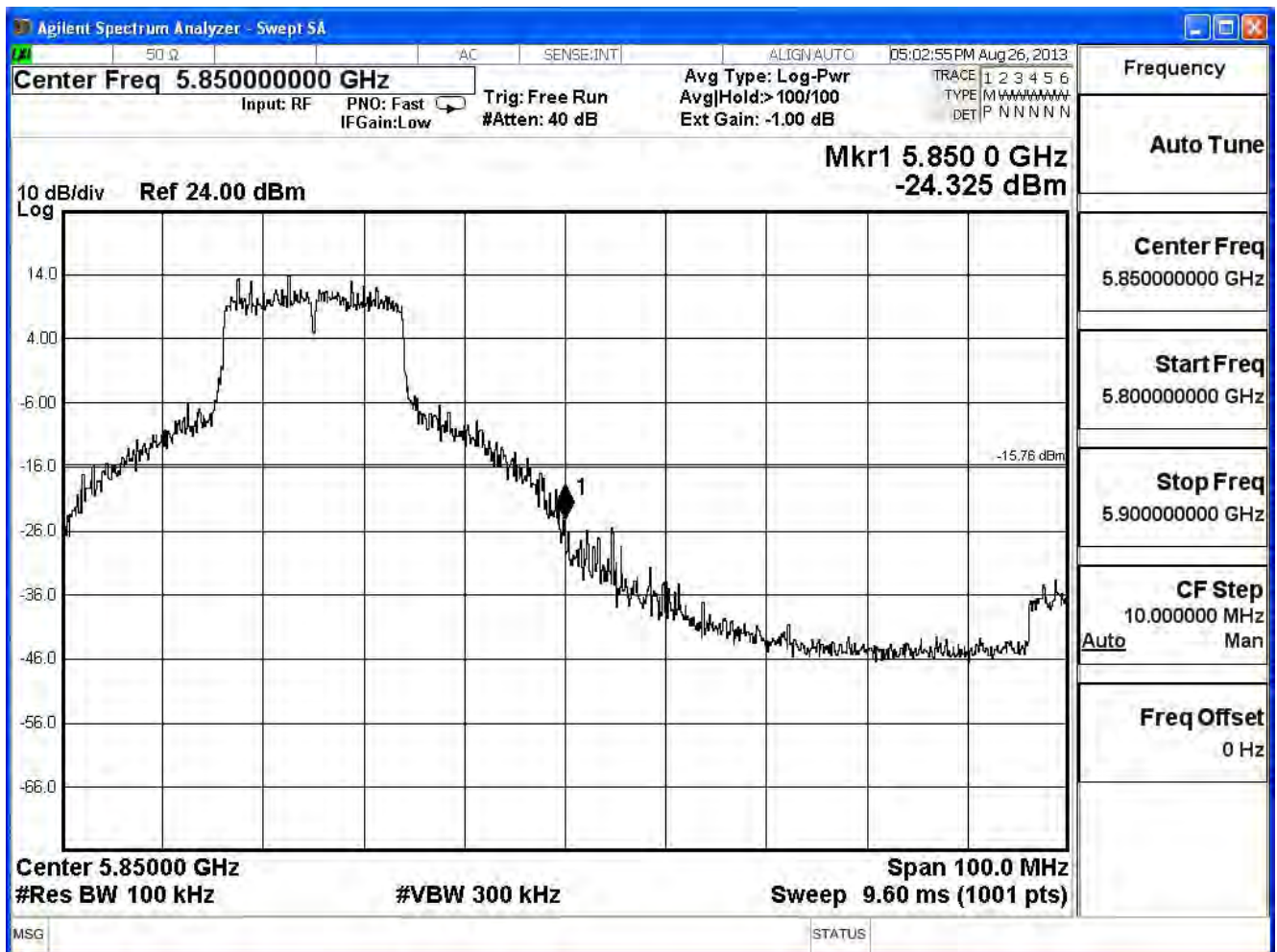
## Channel 149 (5745MHz)



Channel 157 (5785MHz)



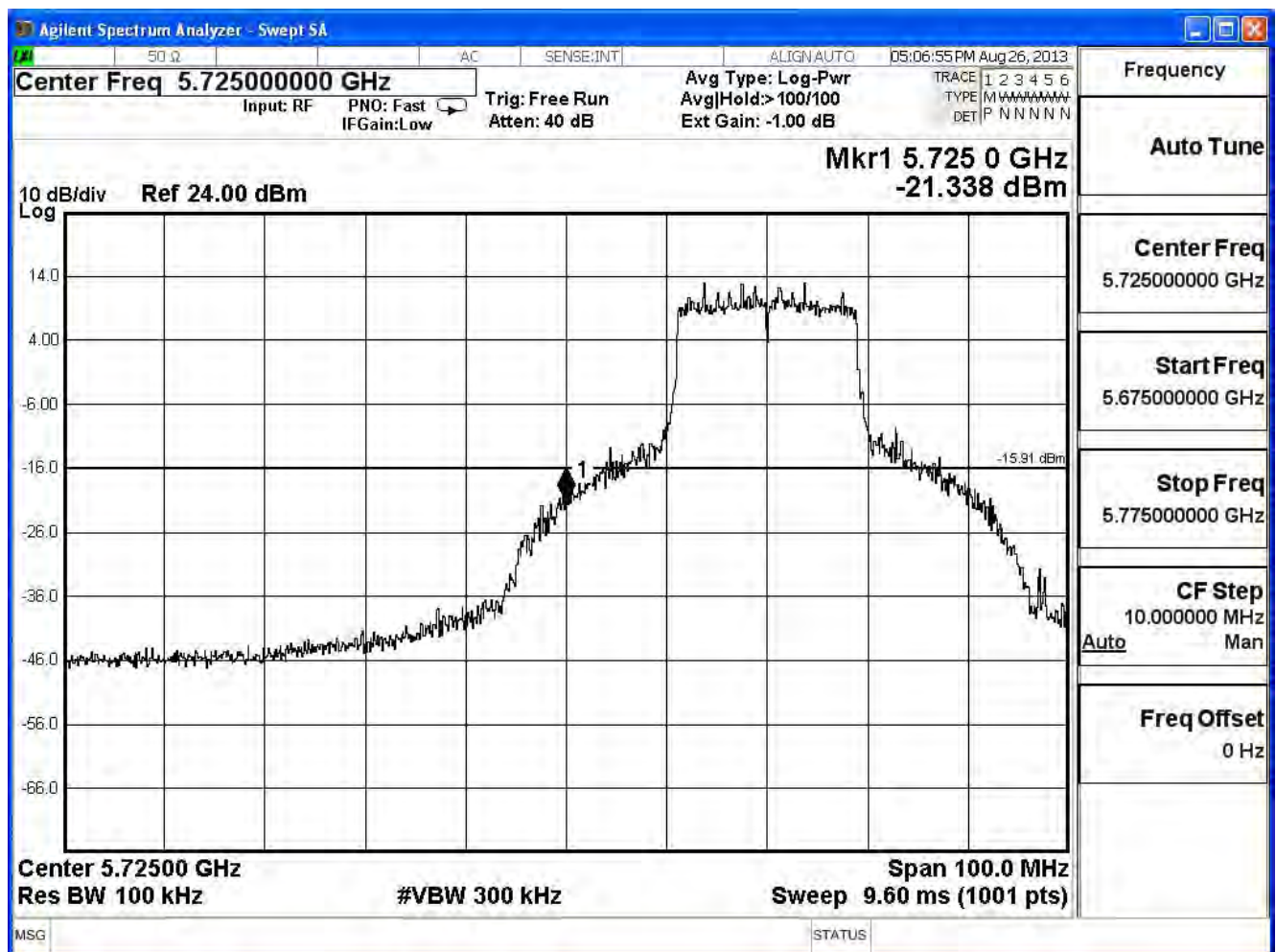
Channel 165 (5825MHz)



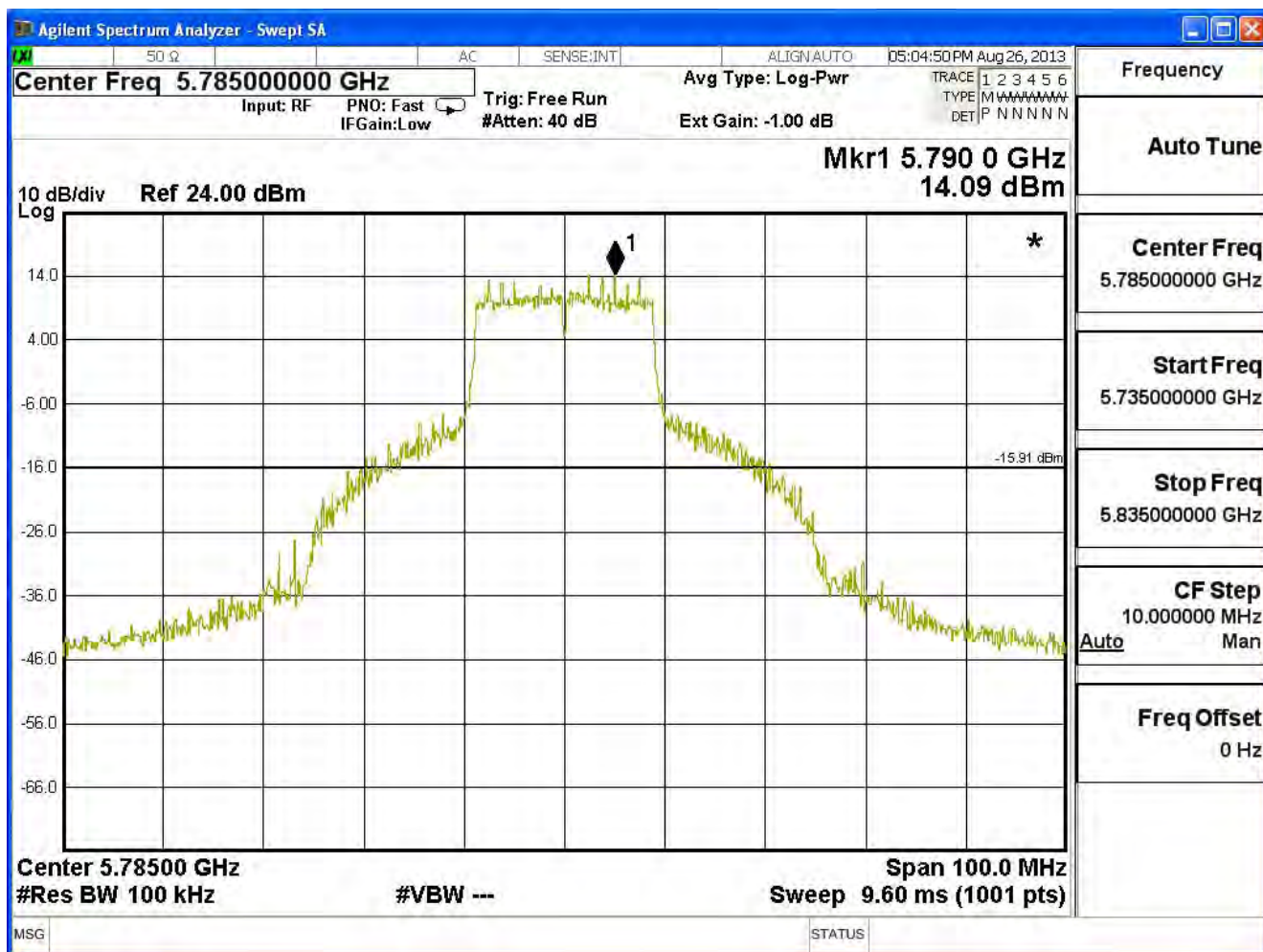
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11n (20MHz), (ANT 2) Duty Cycle: 1 |                    |                        |                |        |
|---------------------------------------------|--------------------|------------------------|----------------|--------|
| Channel No.                                 | Frequency<br>(MHz) | Measure Level<br>(dBc) | Limit<br>(dBc) | Result |
| 149                                         | 5745               | 34.43                  | $\geq 30$      | Pass   |
| 165                                         | 5825               | 40.89                  | $\geq 30$      | Pass   |

## Channel 149 (5745MHz)



Channel 157 (5785MHz)



Agilent Spectrum Analyzer - Swept SA

50  $\Omega$  AC SENSE:INT ALIGN AUTO 05:05:45 PM Aug 26, 2013

**Center Freq 5.85000000 GHz**

Input: RF PNO: Fast IFGain:Low Trig: Free Run #Atten: 40 dB Avg Type: Log-Pwr Avg|Hold:>100/100 Ext Gain: -1.00 dB

TRACE 1 2 3 4 5 6 TYPE M N N N N N N DET P N N N N N N

**Mkr1 5.850 0 GHz -26.804 dBm**

10 dB/div Log Ref 24.00 dBm

Center 5.85000 GHz #Res BW 100 kHz #VBW 300 kHz Span 100.0 MHz Sweep 9.60 ms (1001 pts)

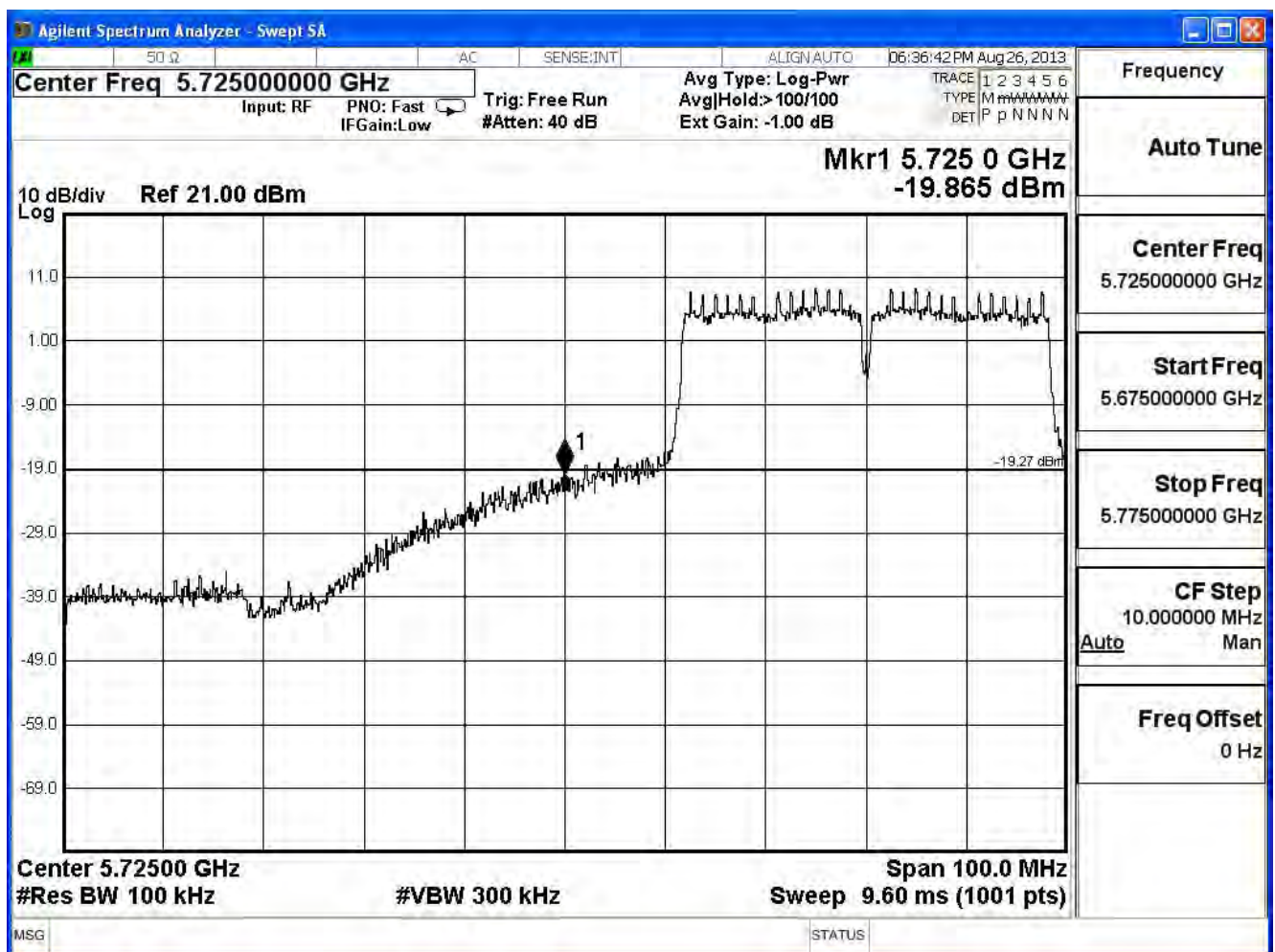
MSG STATUS

| Frequency                            |
|--------------------------------------|
| Auto Tune                            |
| Center Freq<br>5.850000000 GHz       |
| Start Freq<br>5.800000000 GHz        |
| Stop Freq<br>5.900000000 GHz         |
| CF Step<br>10.000000 MHz<br>Auto Man |
| Freq Offset<br>0 Hz                  |

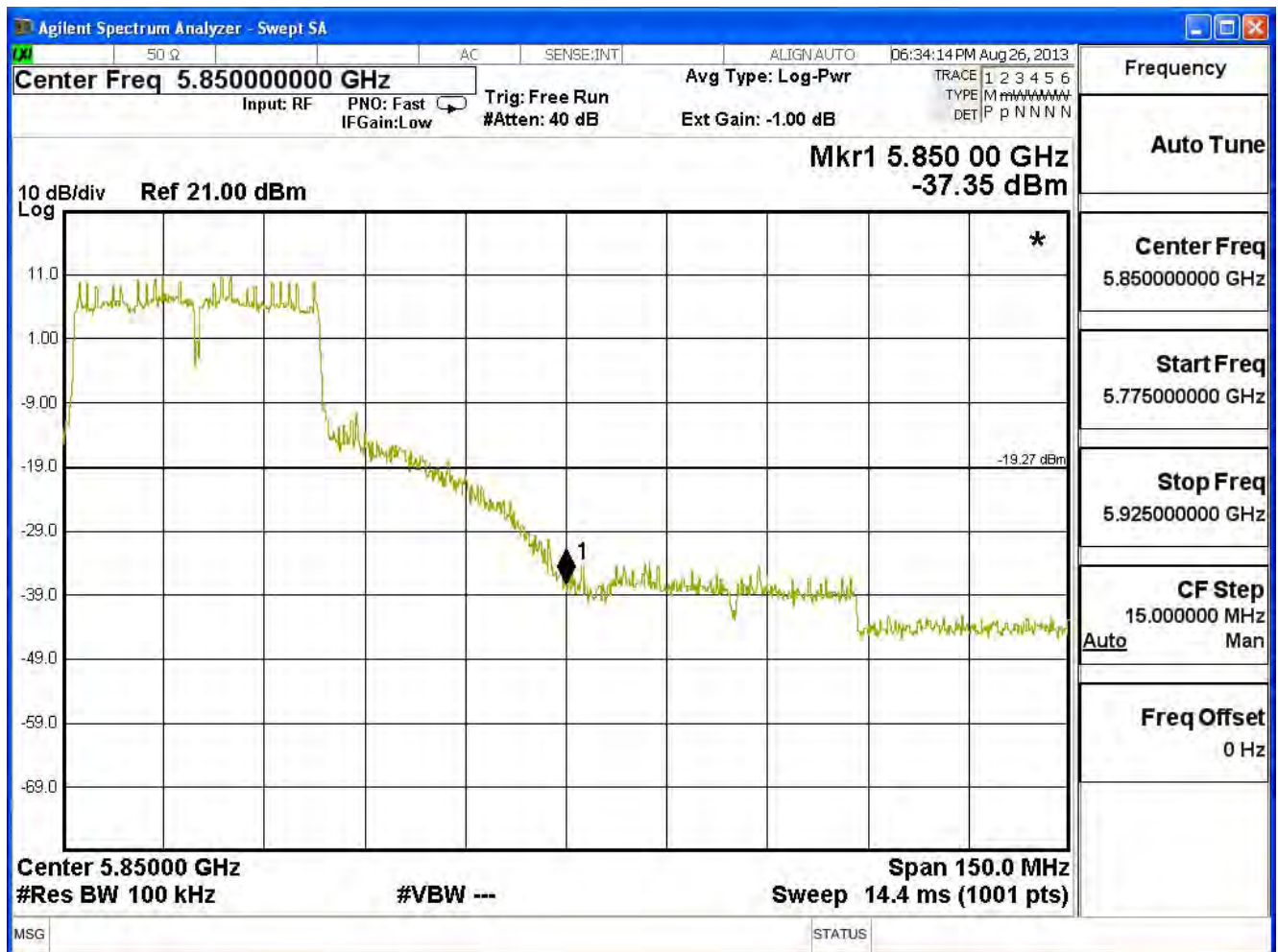
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11n (40MHz), (ANT 0) Duty Cycle: 1 |                 |                     |             |        |
|---------------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                                 | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 151                                         | 5755            | 30.60               | $\geq 30$   | Pass   |
| 159                                         | 5795            | 48.08               | $\geq 30$   | Pass   |

### Channel 151 (5755MHz)



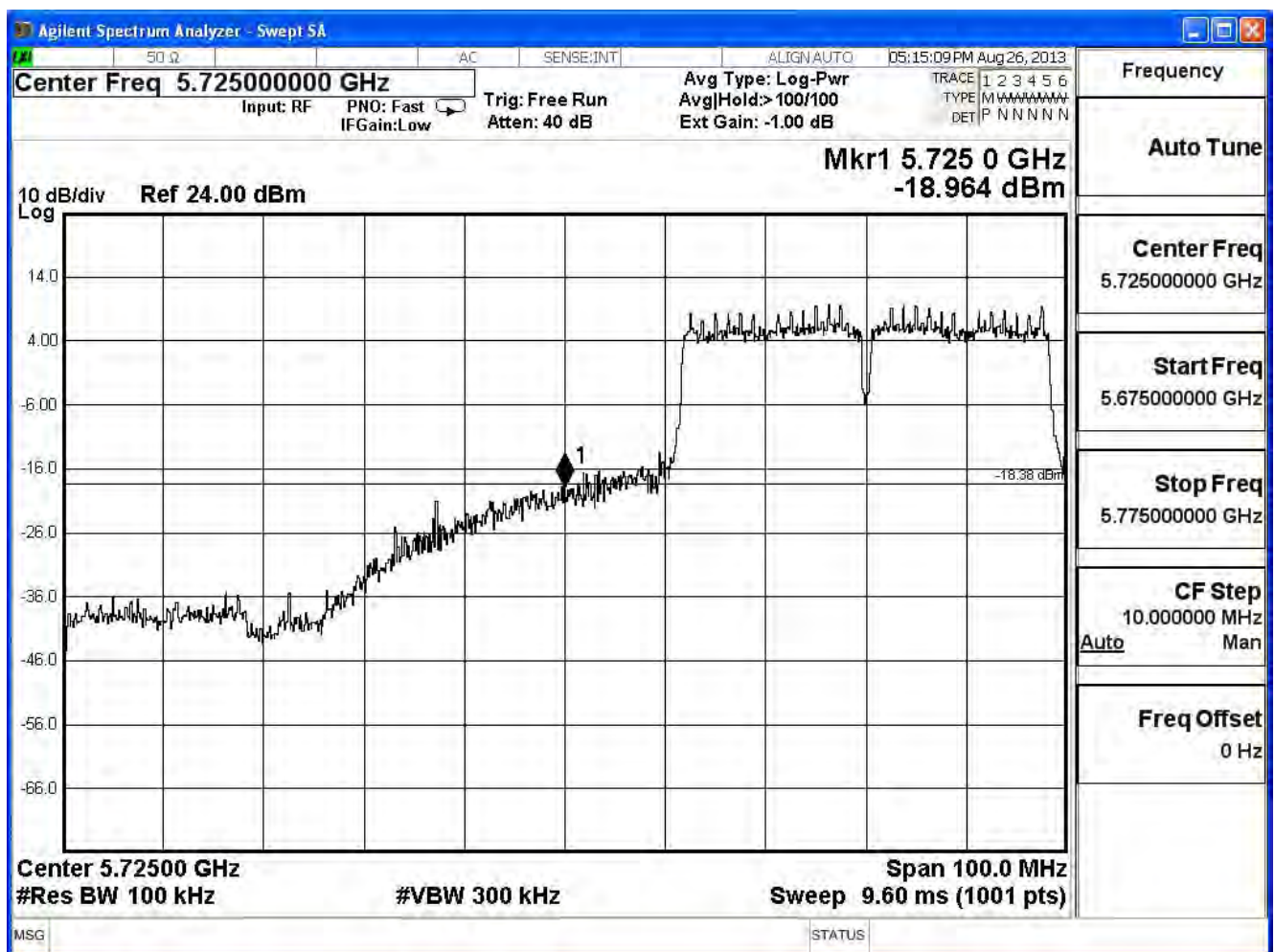
Channel 159 (5795MHz)



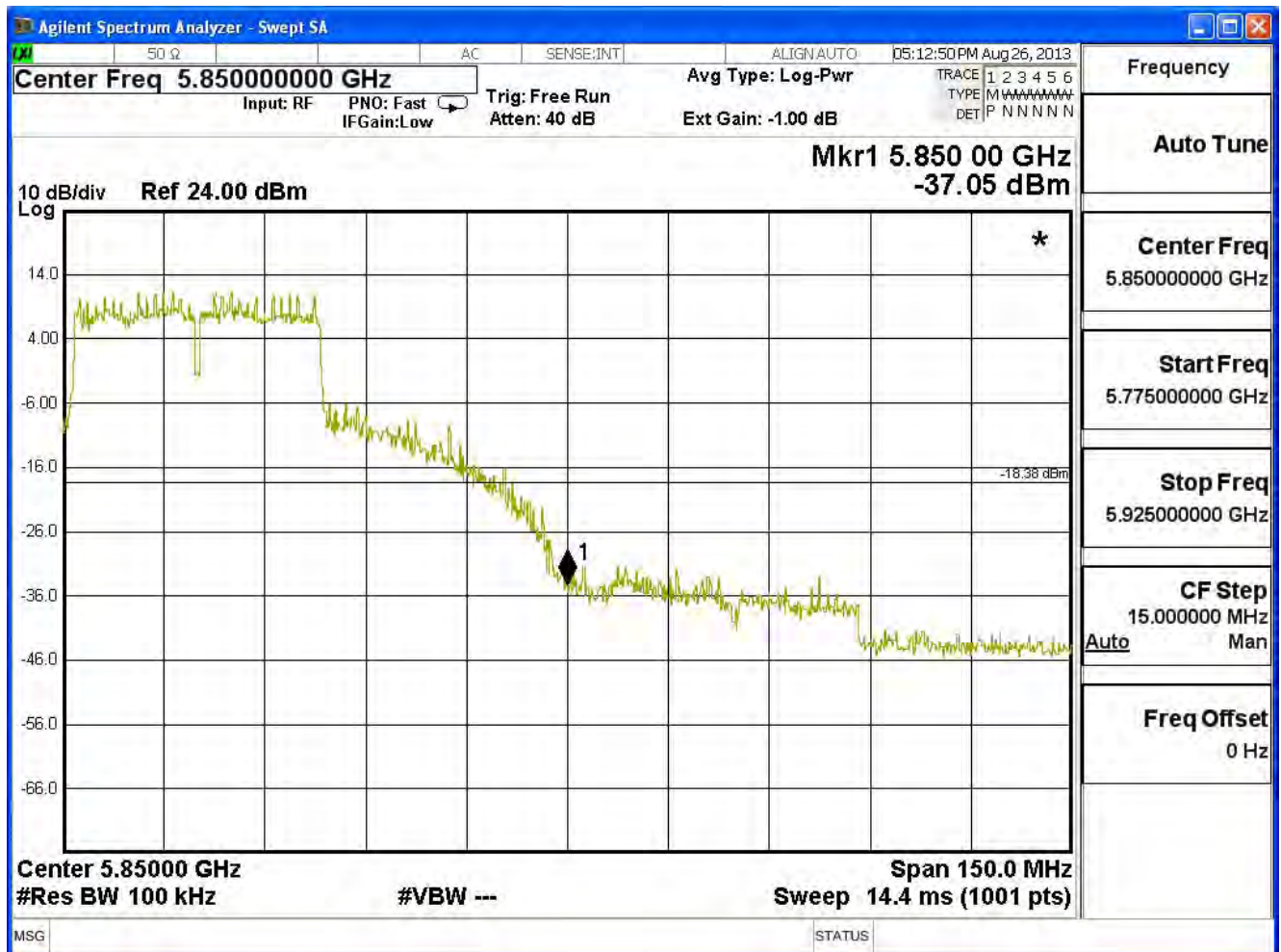
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11n (40MHz), (ANT 1) Duty Cycle: 1 |                 |                     |             |        |
|---------------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                                 | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 151                                         | 5755            | 30.58               | $\geq 30$   | Pass   |
| 159                                         | 5795            | 48.67               | $\geq 30$   | Pass   |

Channel 151 (5755MHz)



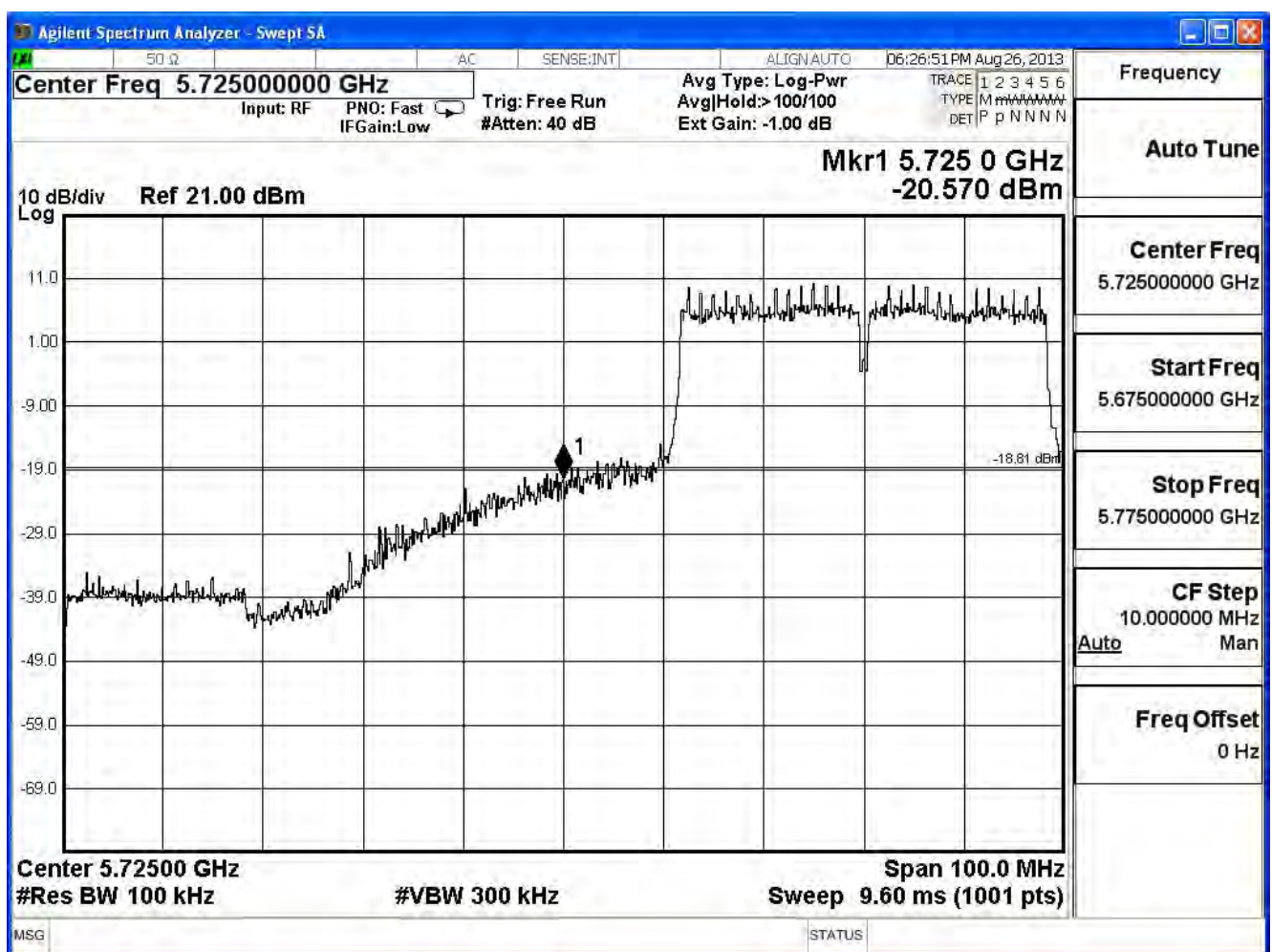
### Channel 159 (5795MHz)



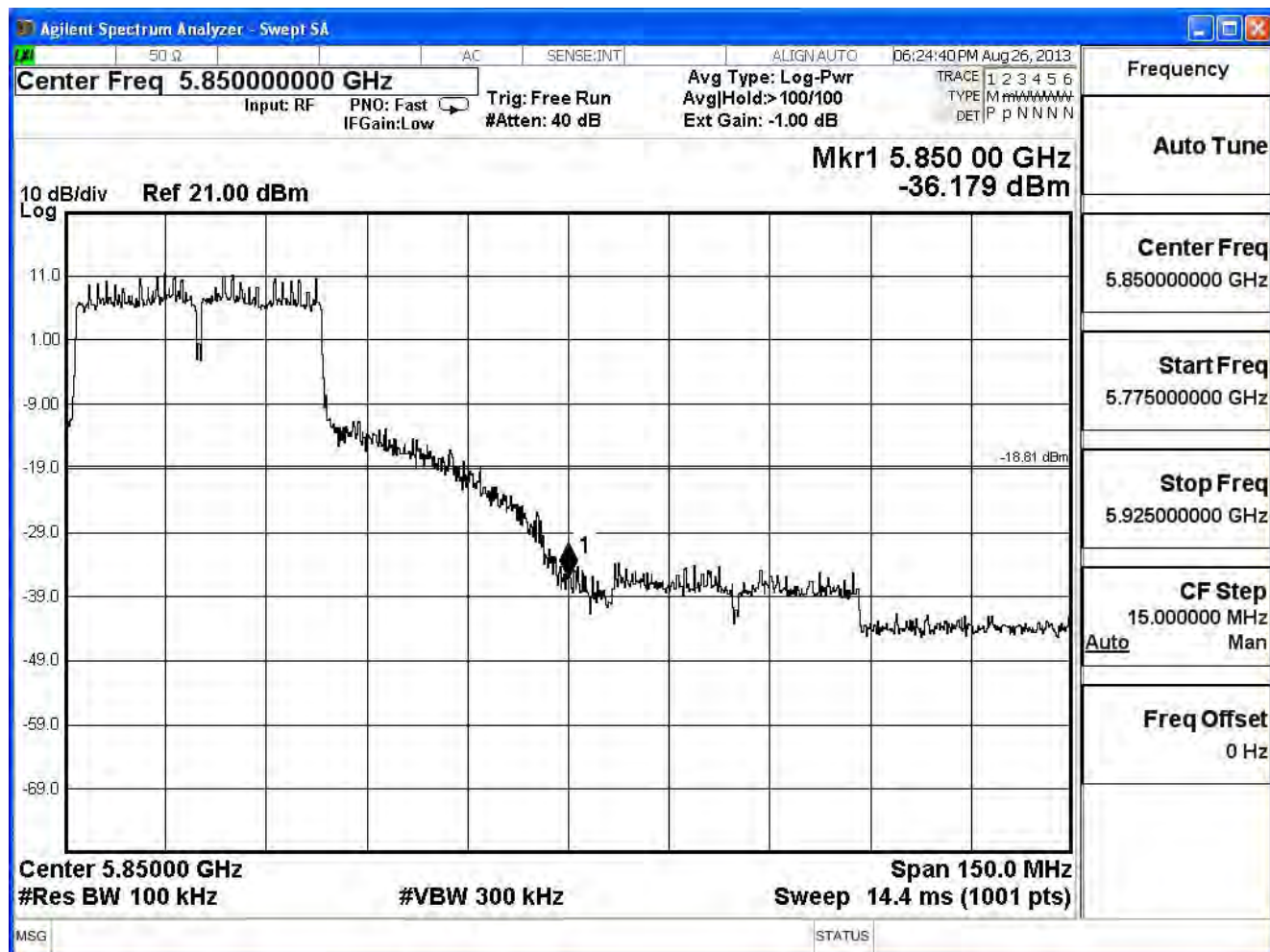
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11n (40MHz), (ANT 2) Duty Cycle: 1 |                 |                     |             |        |
|---------------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                                 | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 151                                         | 5755            | 31.76               | $\geq 30$   | Pass   |
| 159                                         | 5795            | 47.37               | $\geq 30$   | Pass   |

### Channel 151 (5755MHz)



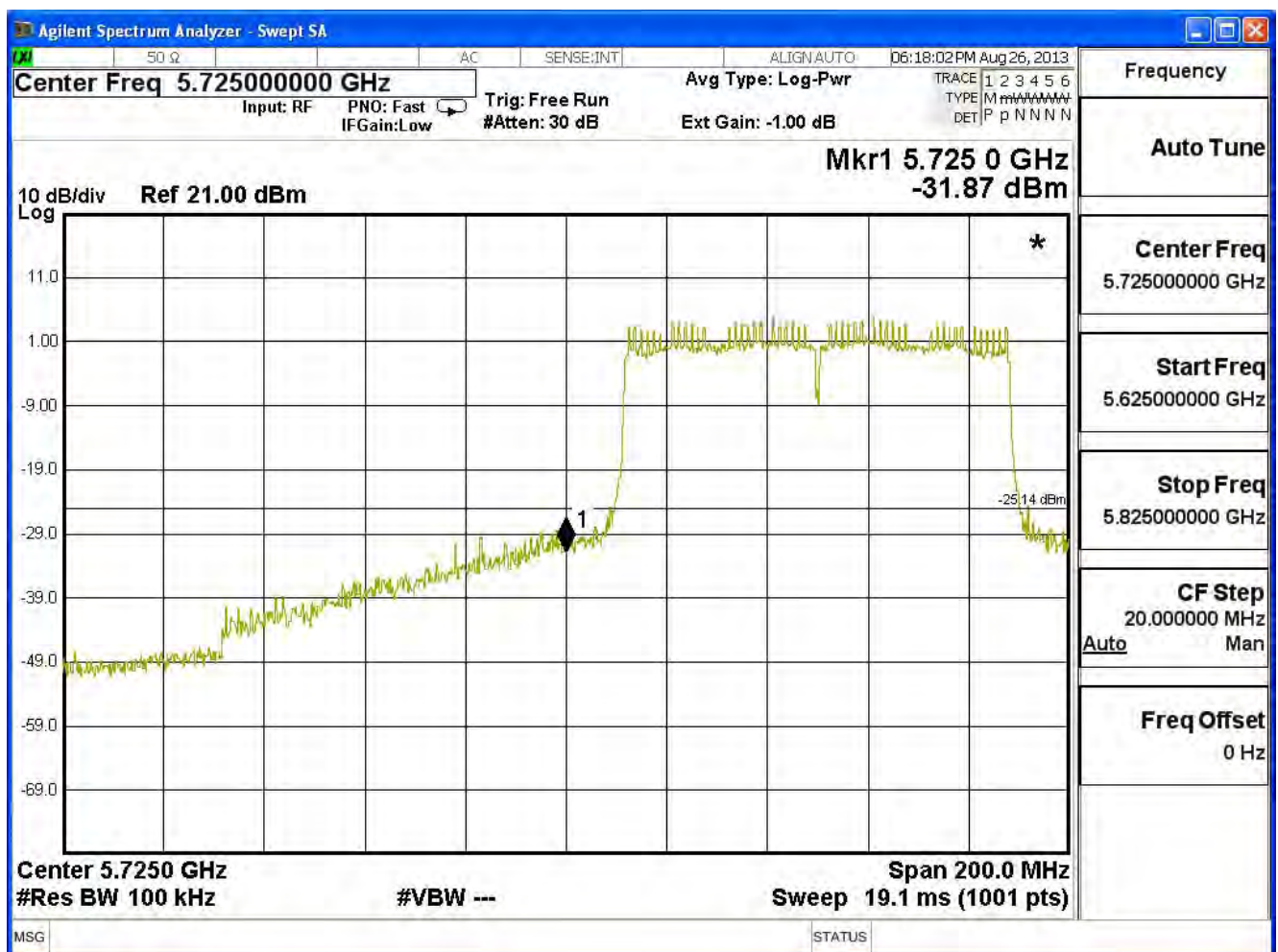
Channel 159 (5795MHz)



|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11ac (80MHz), (ANT 0) Duty Cycle: 1 |                 |                     |             |        |
|----------------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                                  | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 155                                          | 5775            | 36.70               | $\geq 30$   | Pass   |

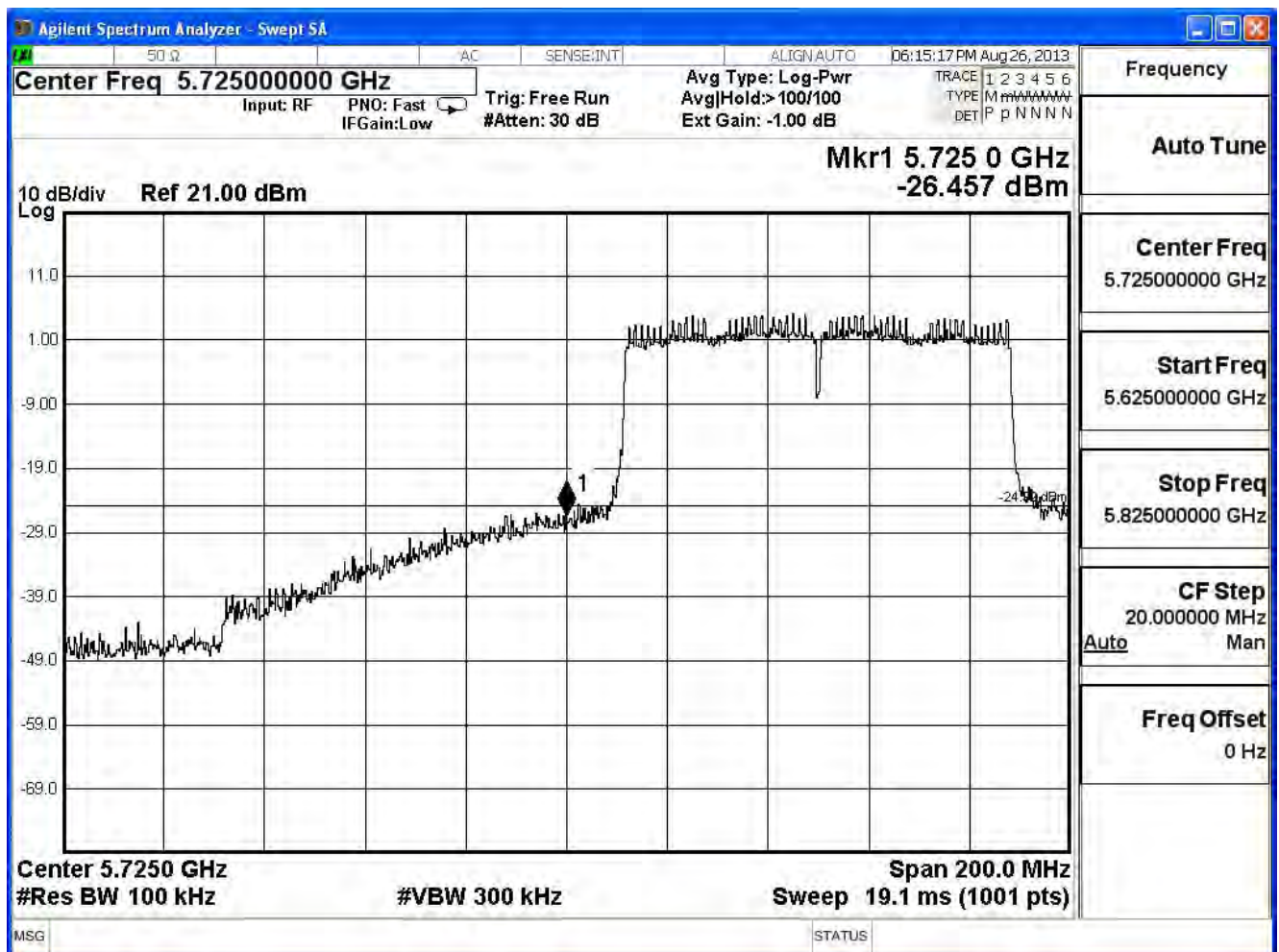
## Channel 155 (5775MHz)



|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

| IEEE 802.11ac (80MHz), (ANT 1) Duty Cycle: 1 |                 |                     |             |        |
|----------------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                                  | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 155                                          | 5775            | 31.54               | $\geq 30$   | Pass   |

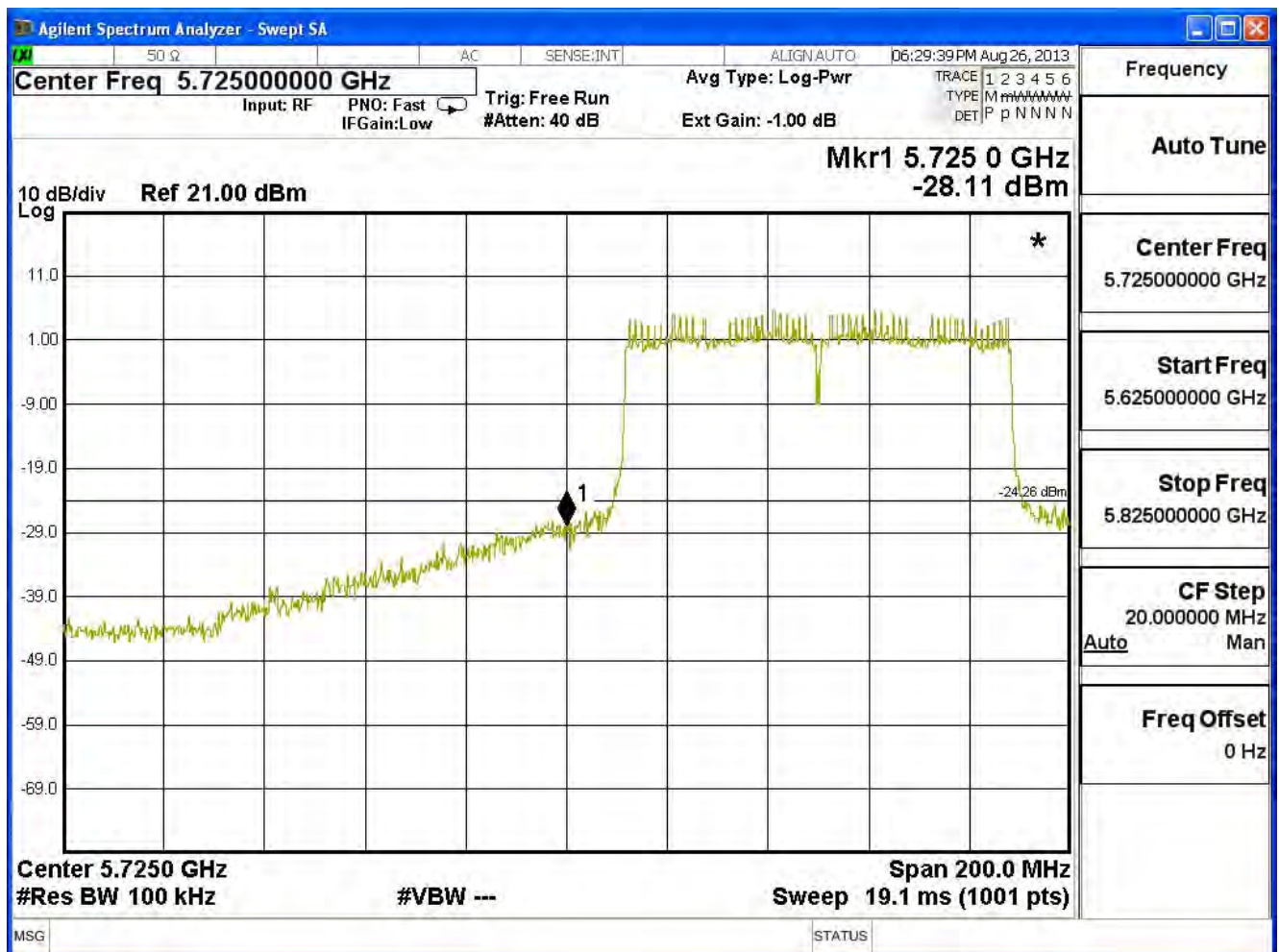
## Channel 155 (5775MHz)



|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

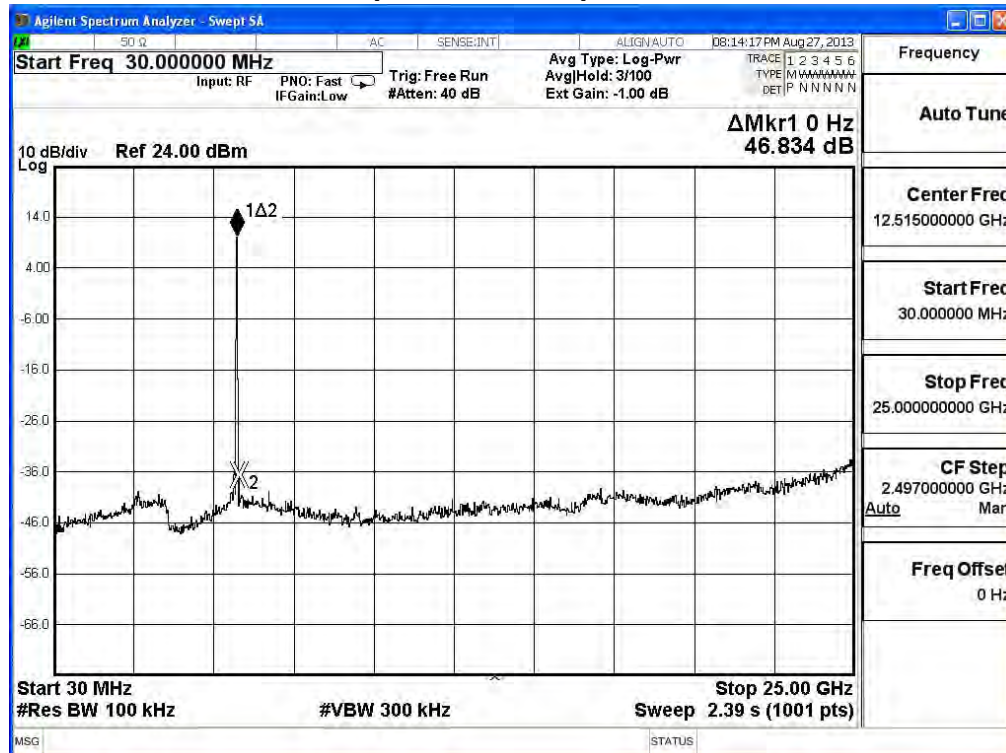
| IEEE 802.11ac (80MHz), (ANT 2) Duty Cycle: 1 |                 |                     |             |        |
|----------------------------------------------|-----------------|---------------------|-------------|--------|
| Channel No.                                  | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 155                                          | 5775            | 33.85               | $\geq 30$   | Pass   |

## Channel 155 (5775MHz)

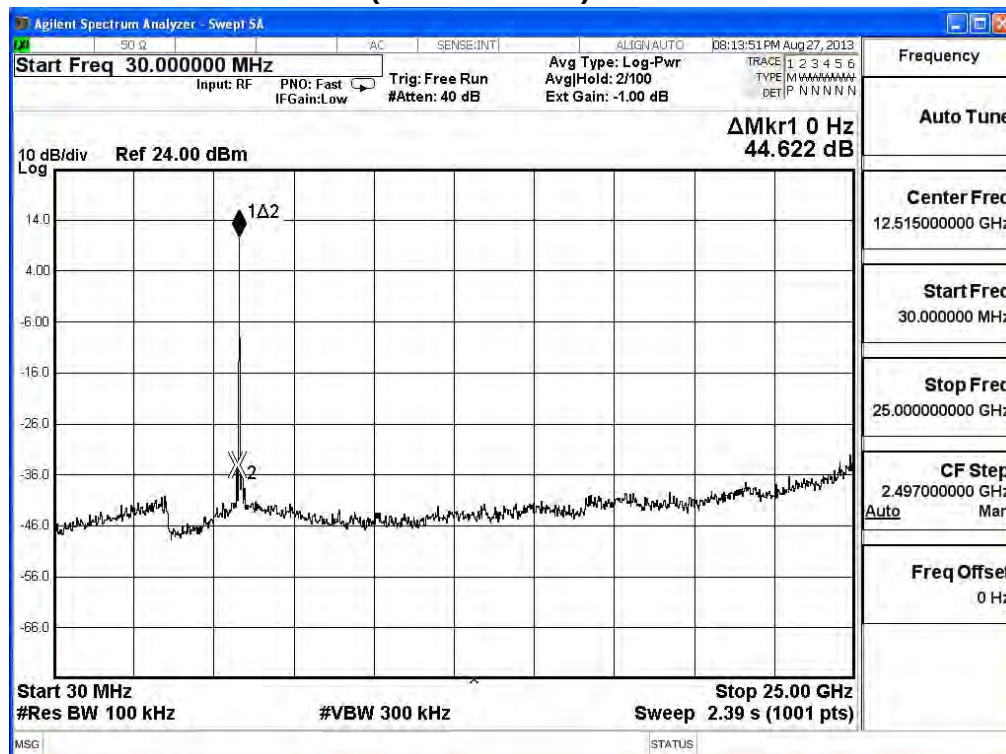


|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | RF antenna conducted test                      |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/28                                     | Test Site | SR7 |

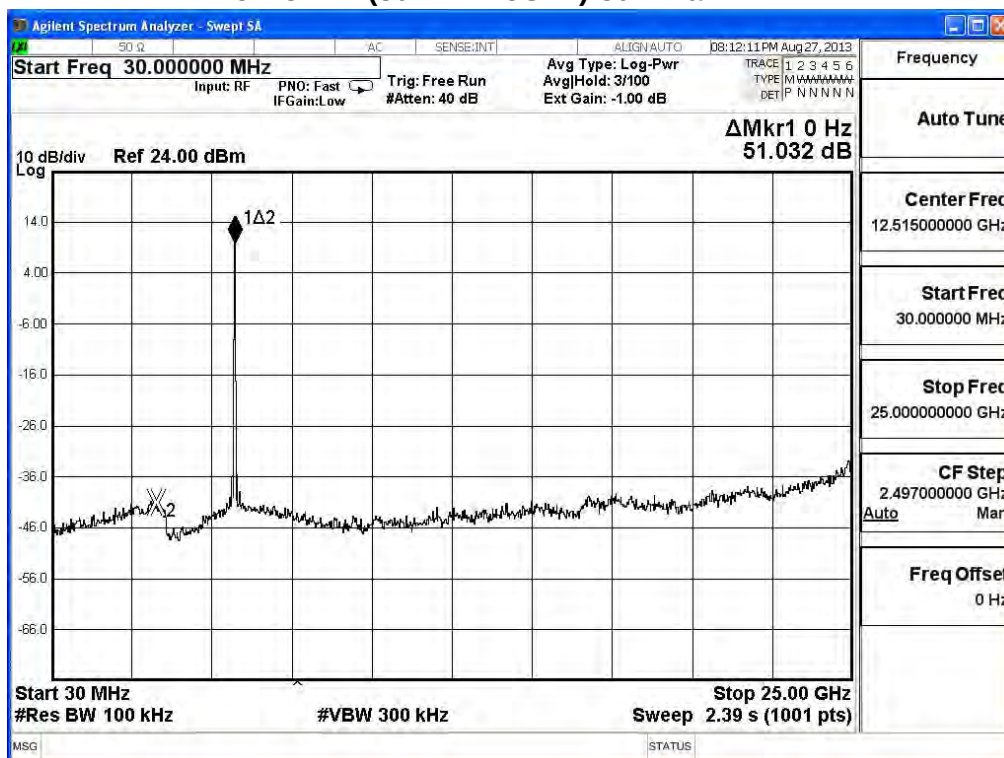
### 5745MHz (30MHz~25GHz)-802.11a-ANT0



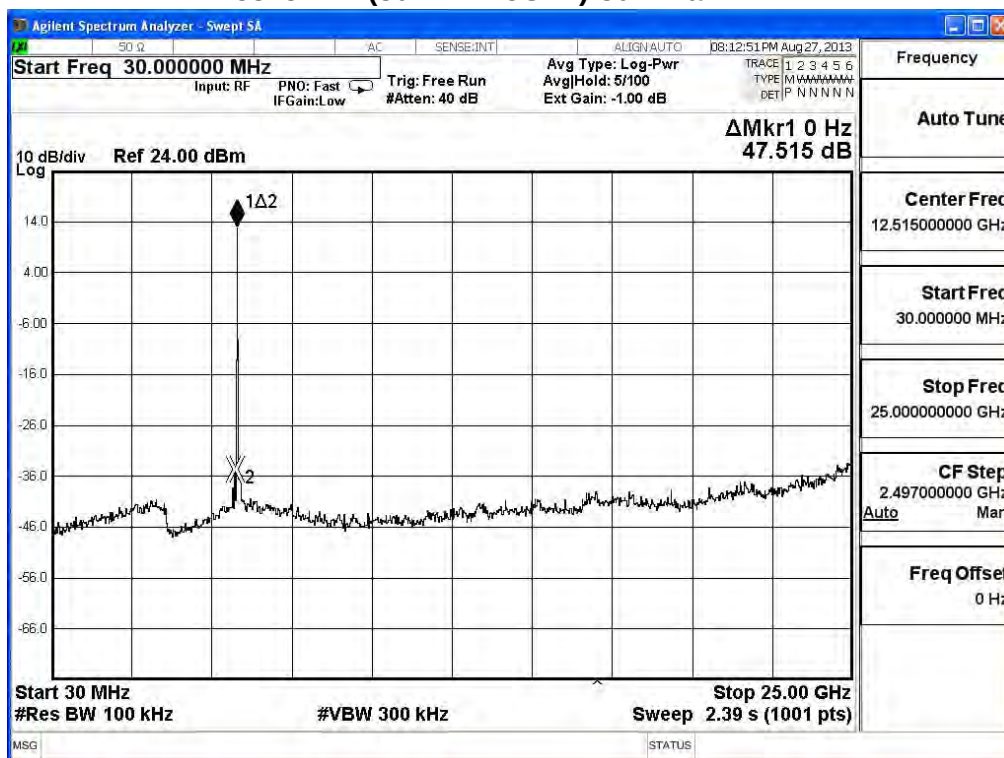
### 5825MHz (30MHz~25GHz)-802.11a-ANT0



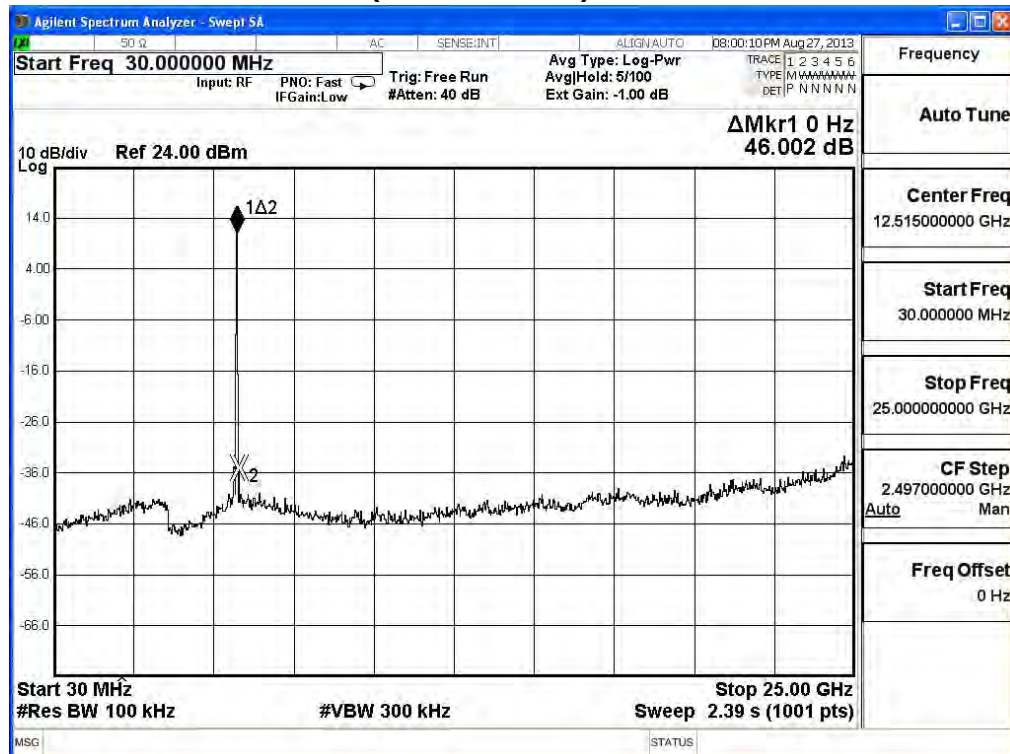
### 5745MHz (30MHz~25GHz)-802.11a-ANT1



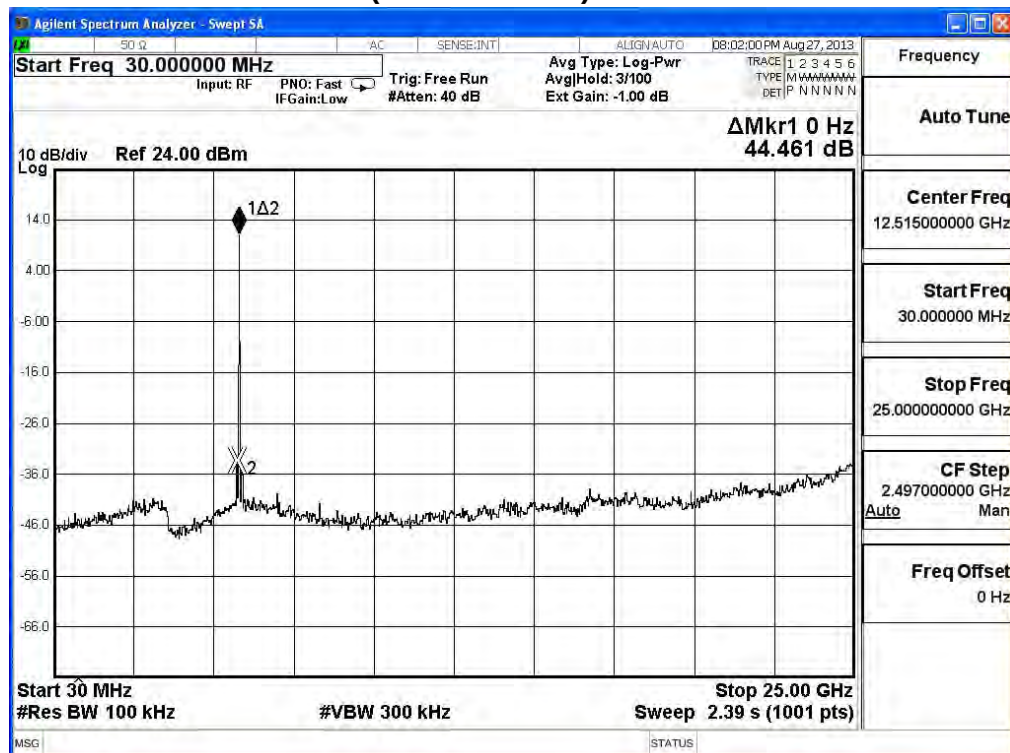
### 5825MHz (30MHz~25GHz)-802.11a-ANT1



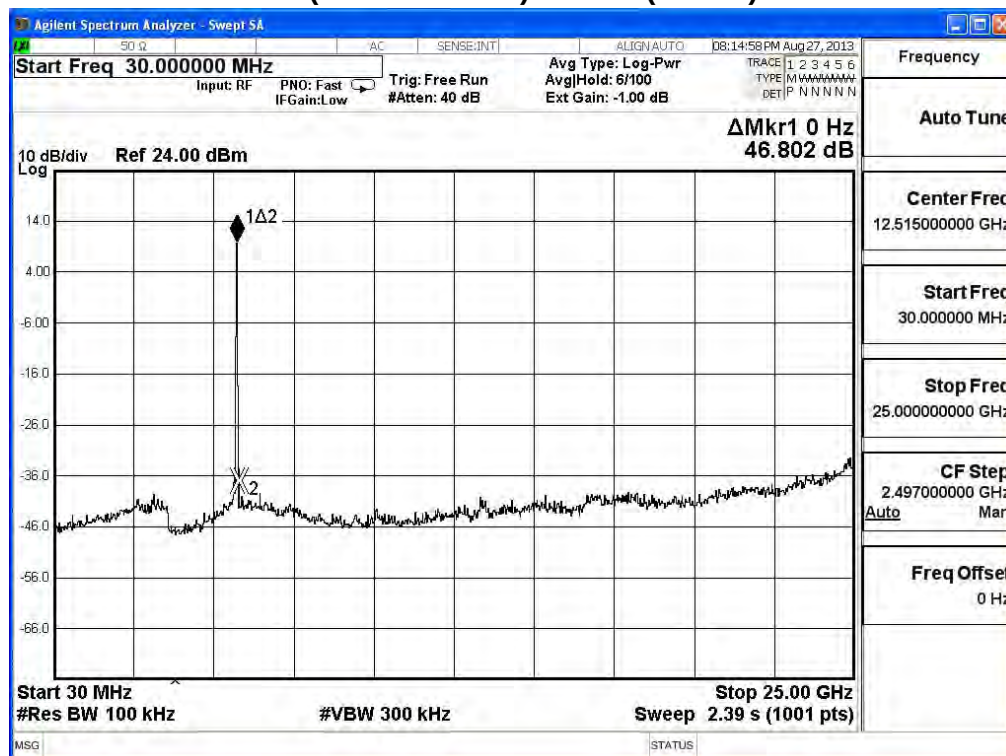
### 5745MHz (30MHz~25GHz)-802.11a-ANT2



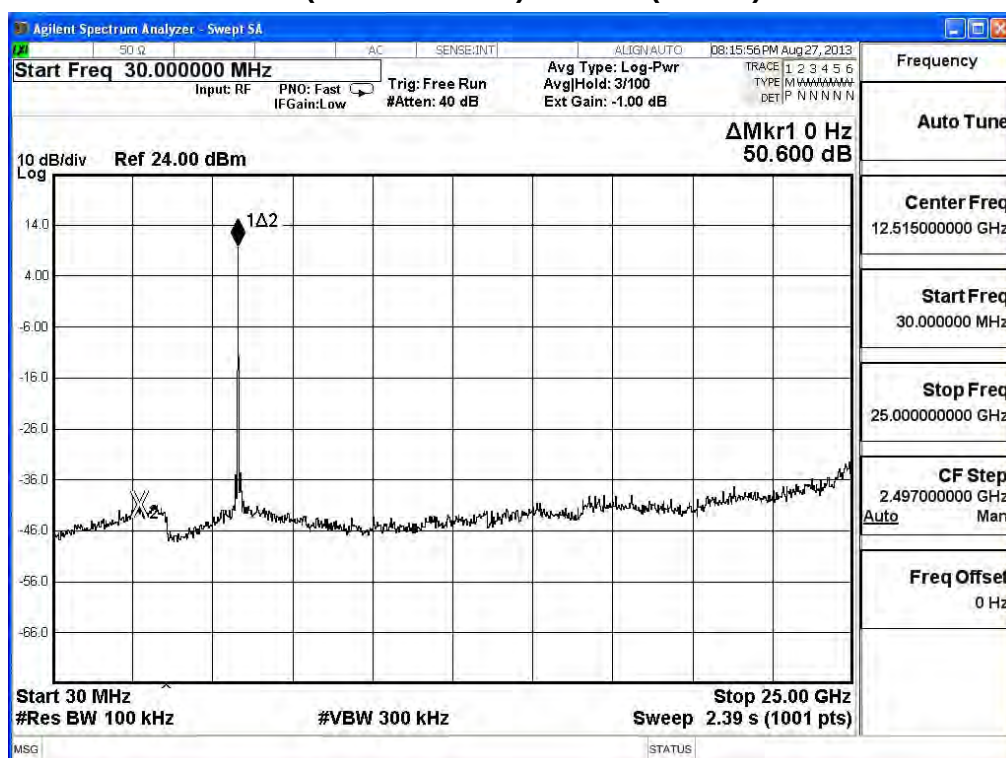
### 5825MHz (30MHz~25GHz)-802.11a-ANT2



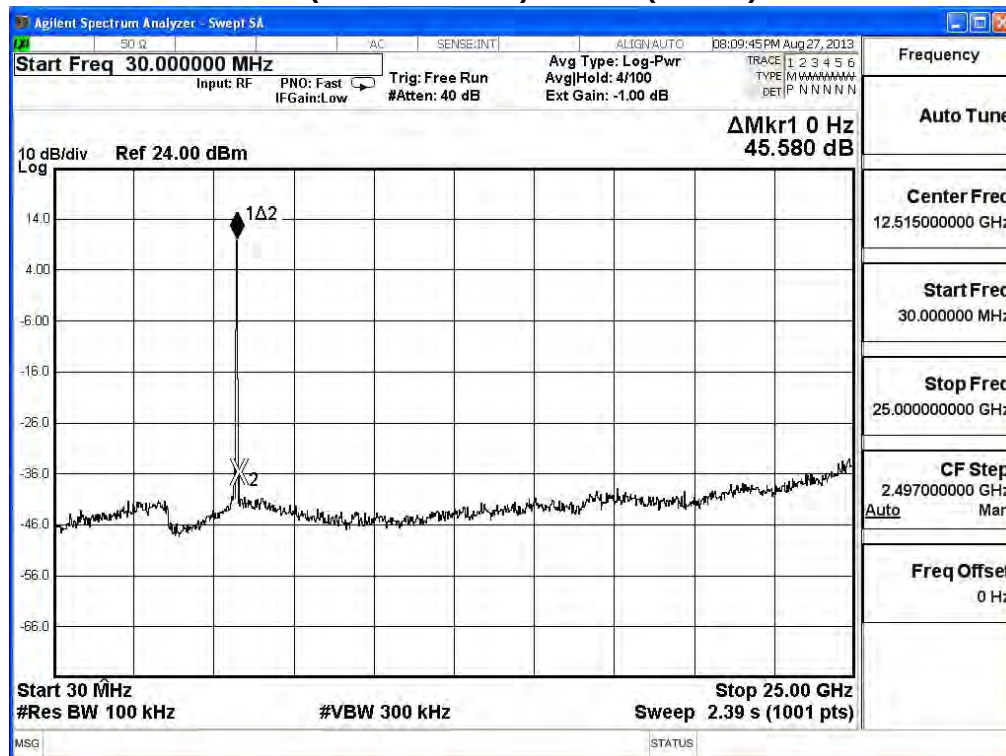
5745MHz (30MHz~25GHz)-802.11n(20MHz)-ANT 0



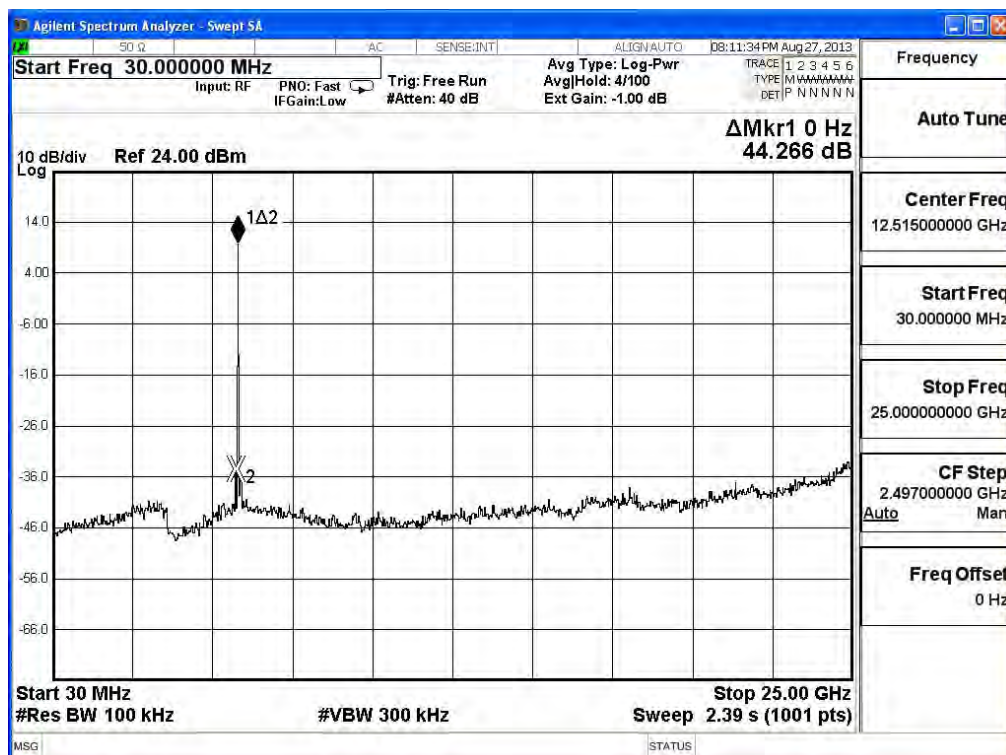
5825MHz (30MHz~25GHz) -802.11n(20MHz)-ANT 0



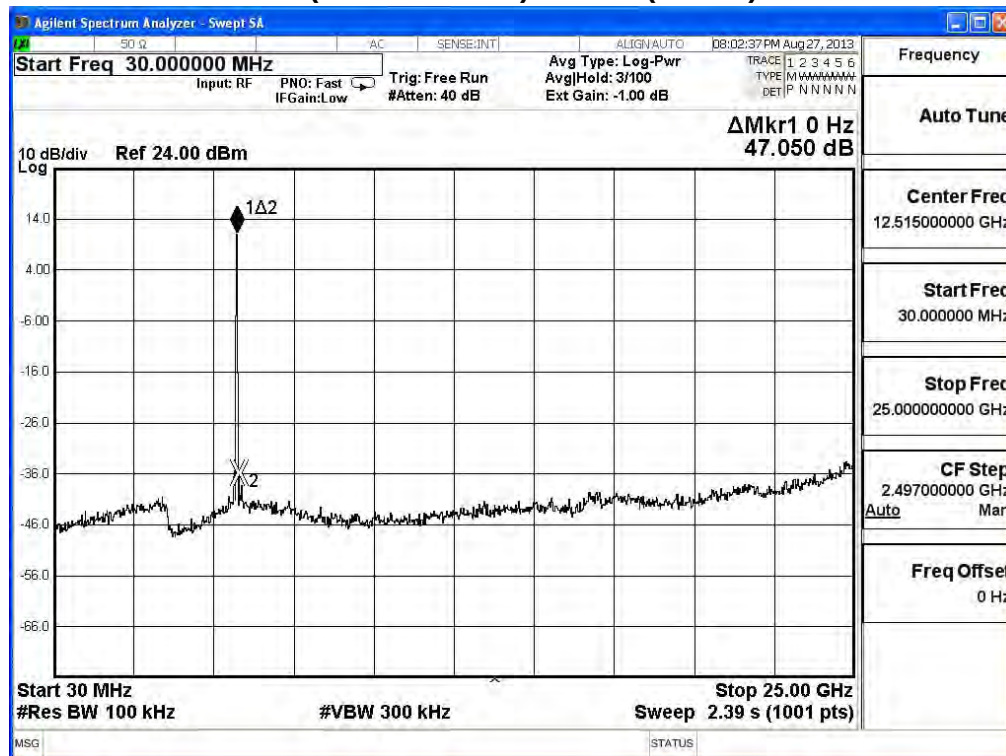
### 5745MHz (30MHz~25GHz)-802.11n(20MHz)-ANT 1



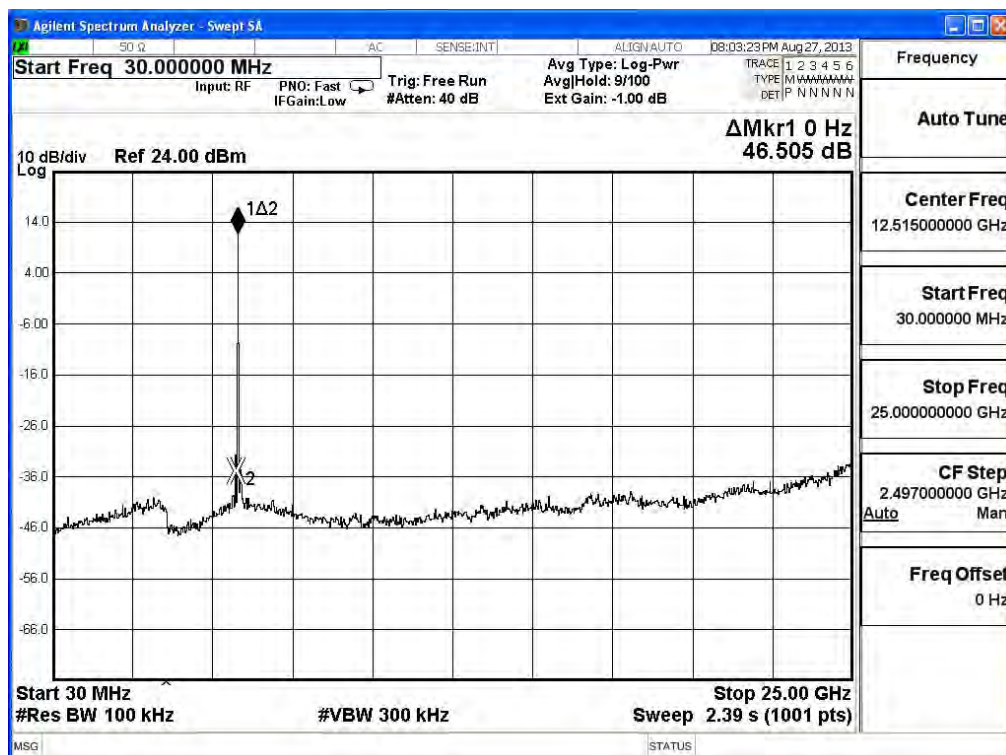
### 5825MHz (30MHz~25GHz) -802.11n(20MHz)-ANT 1



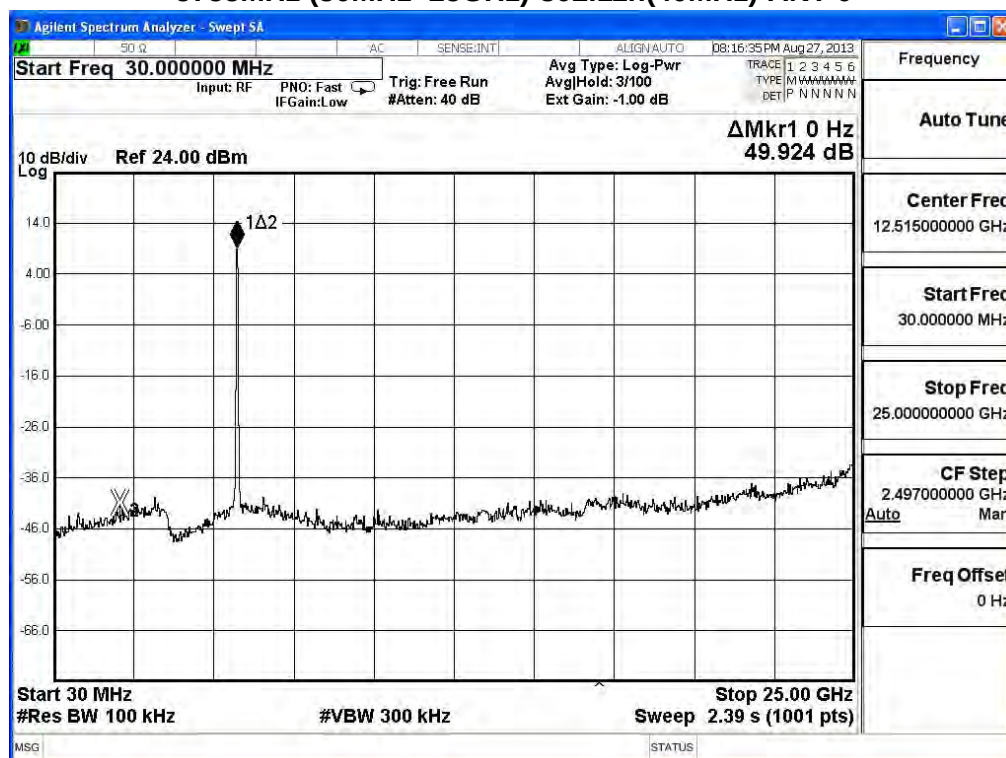
### 5745MHz (30MHz~25GHz)-802.11n(20MHz)-ANT 2



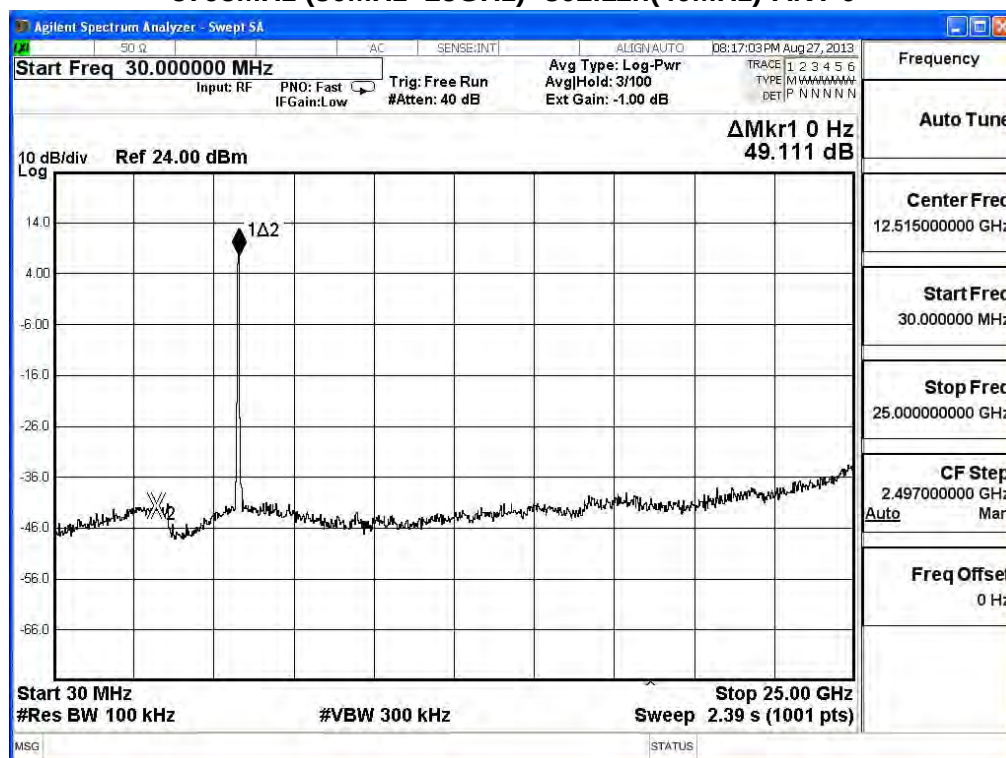
### 5825MHz (30MHz~25GHz) -802.11n(20MHz)-ANT 2



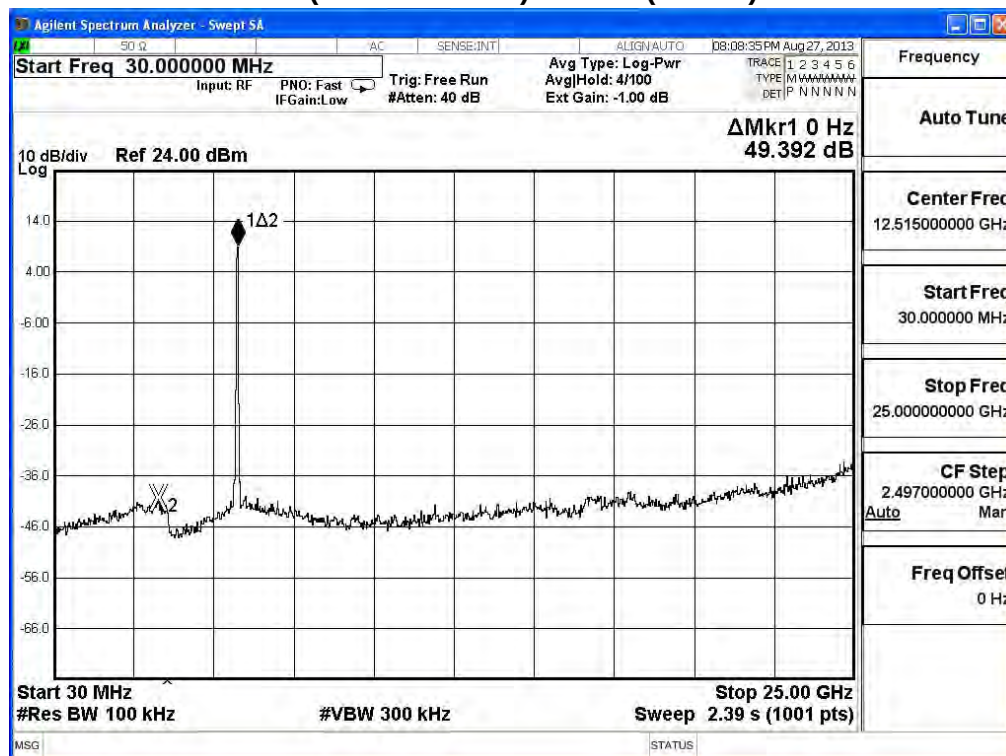
5755MHz (30MHz~25GHz)-802.11n(40MHz)-ANT 0



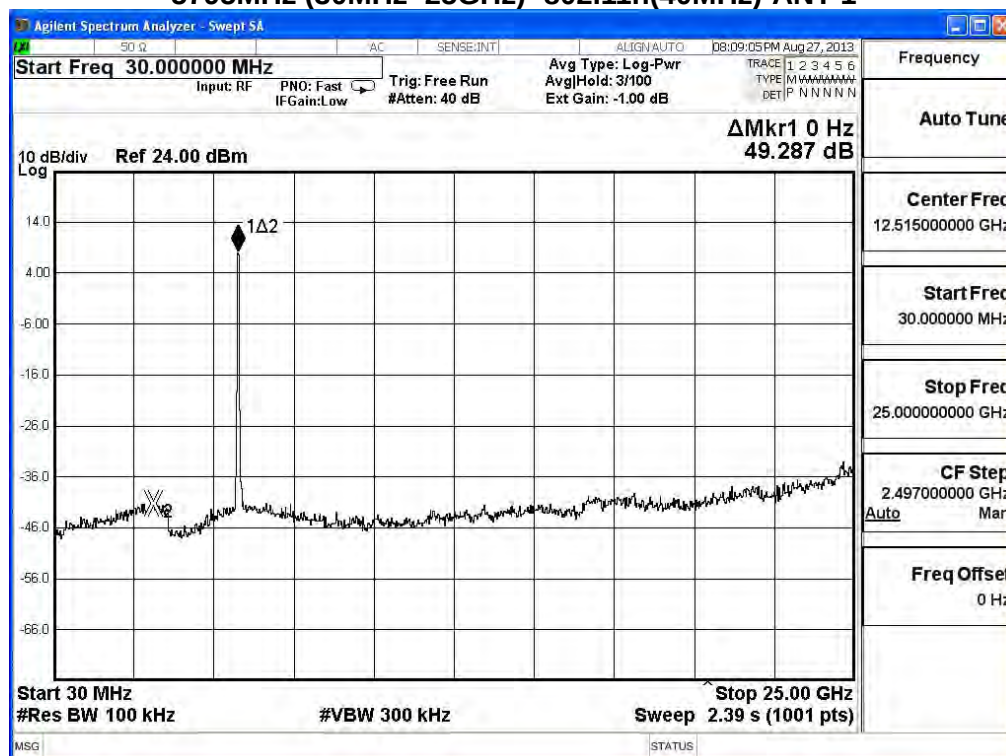
5795MHz (30MHz~25GHz) -802.11n(40MHz)-ANT 0



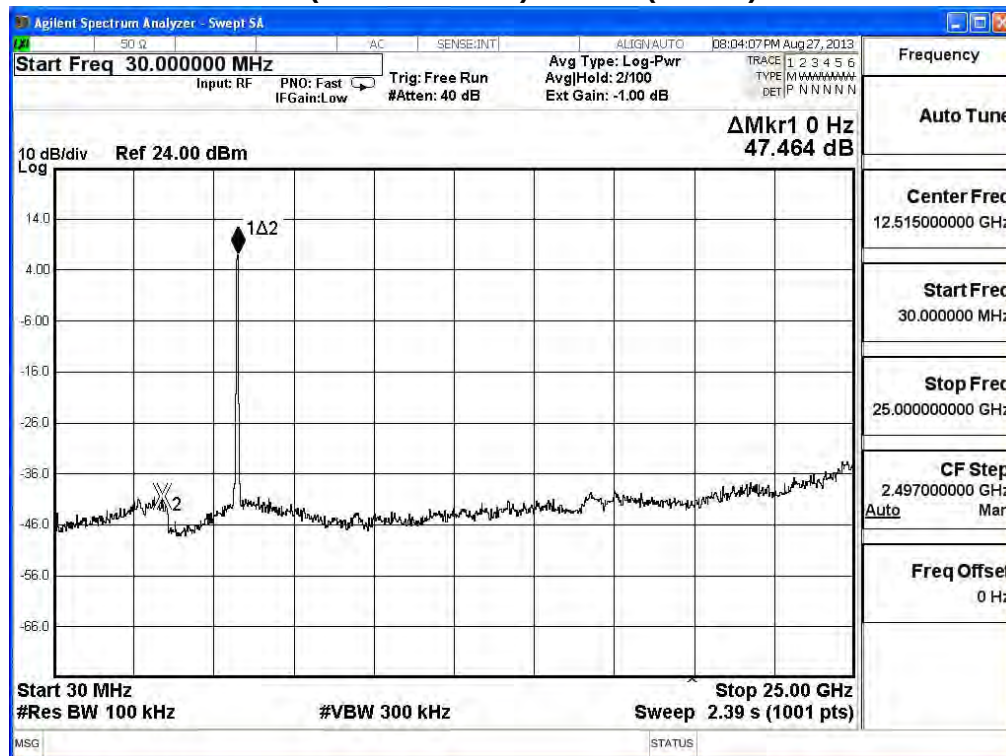
### 5755MHz (30MHz~25GHz)-802.11n(40MHz)-ANT 1



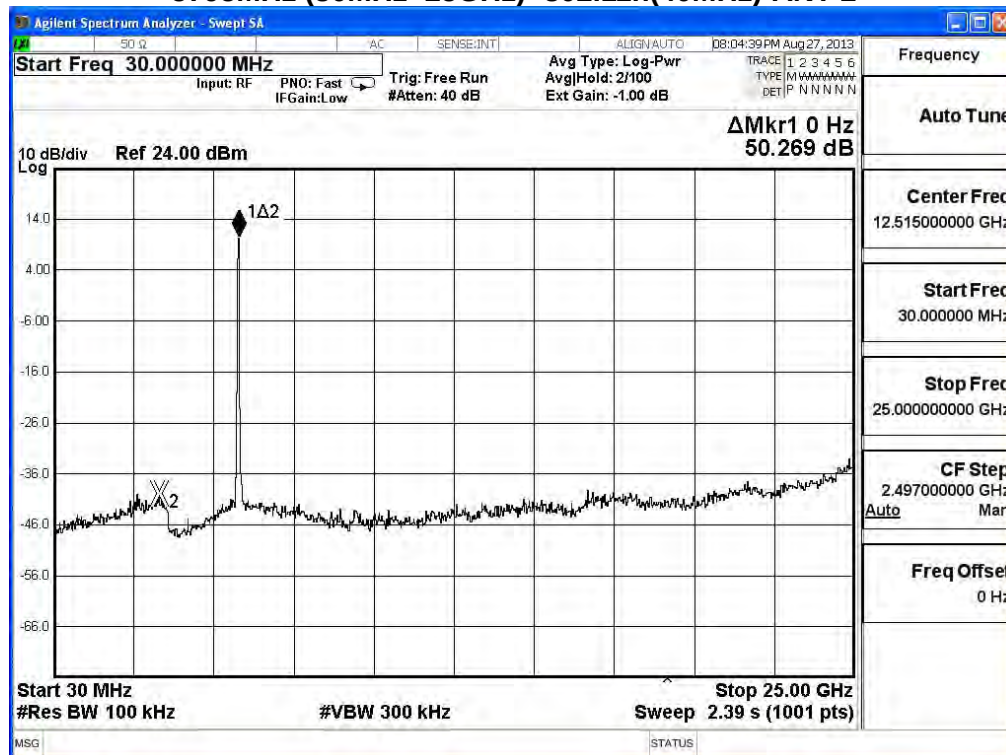
### 5795MHz (30MHz~25GHz) -802.11n(40MHz)-ANT 1



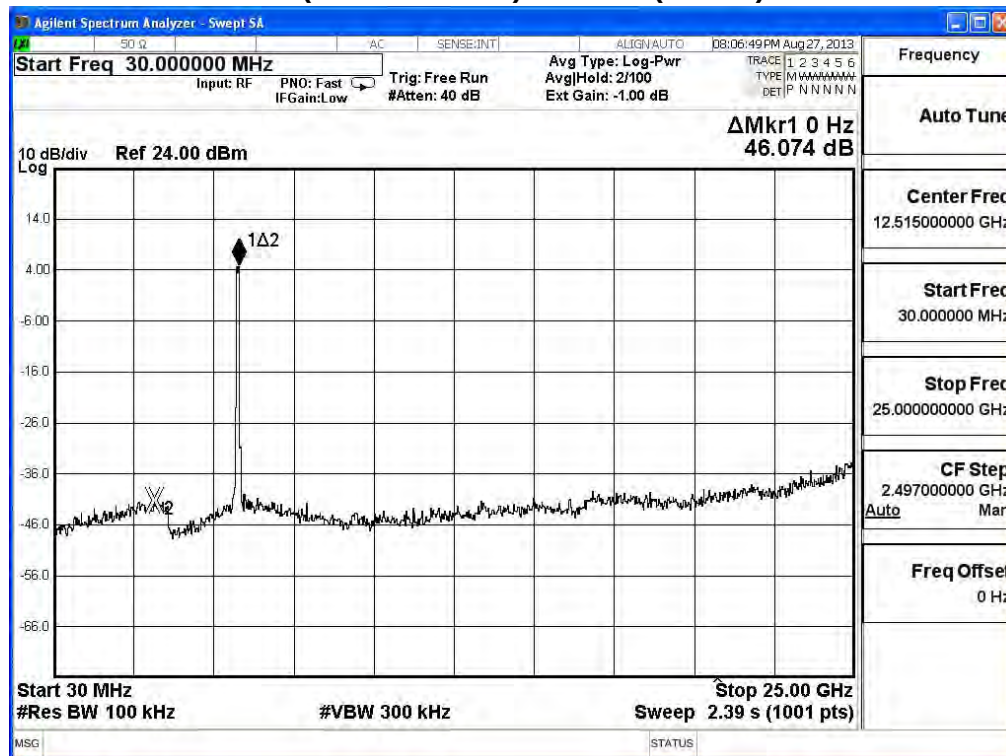
### 5755MHz (30MHz~25GHz)-802.11n(40MHz)-ANT 2



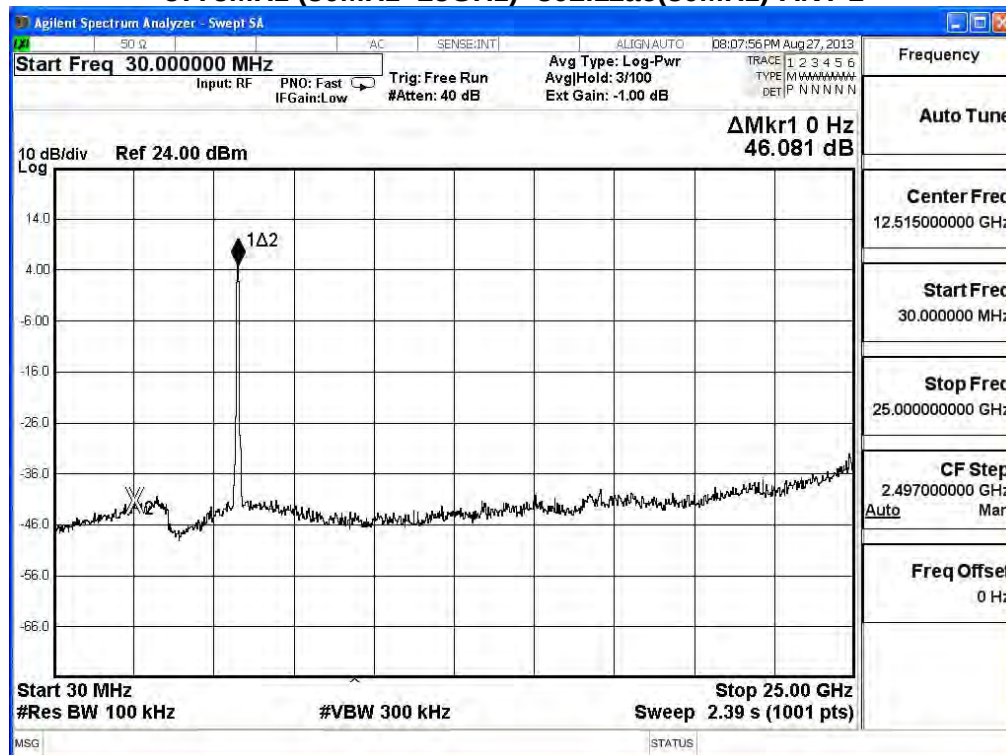
### 5795MHz (30MHz~25GHz) -802.11n(40MHz)-ANT 2



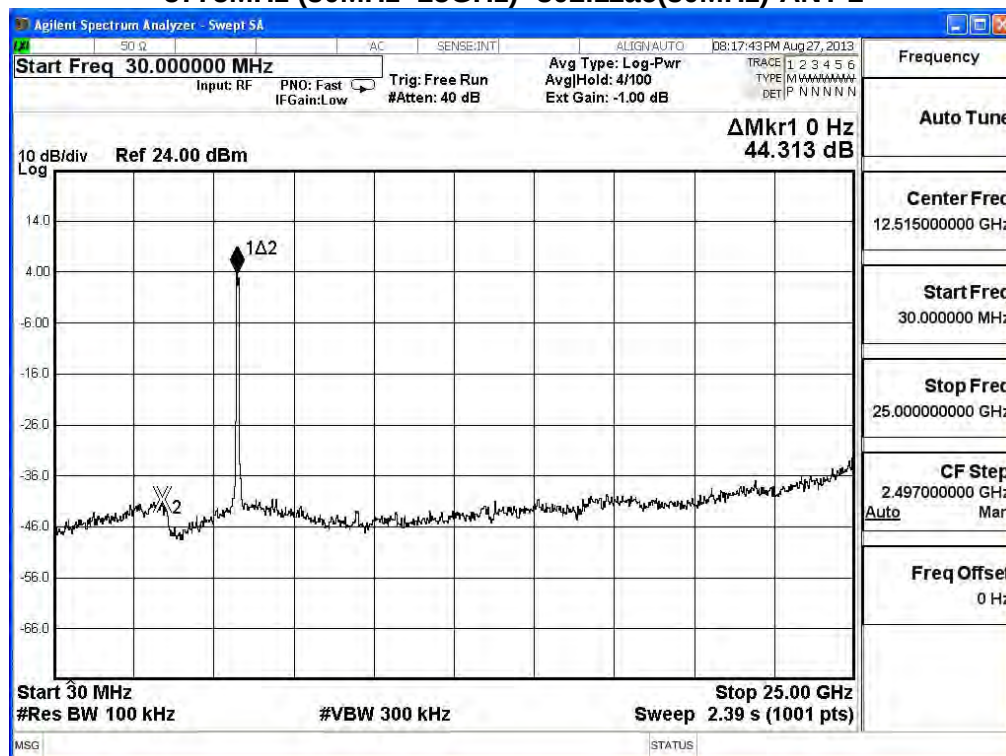
5775MHz (30MHz~25GHz)-802.11ac(80MHz)-ANT 0



5775MHz (30MHz~25GHz) -802.11ac(80MHz)-ANT 1



5775MHz (30MHz~25GHz) -802.11ac(80MHz)-ANT 2



## 6. Radiated Emission Band Edge

### 6.1. Test Equipment

The following test equipments are used during the test:

#### Radiated Emission Band Edge / CB1

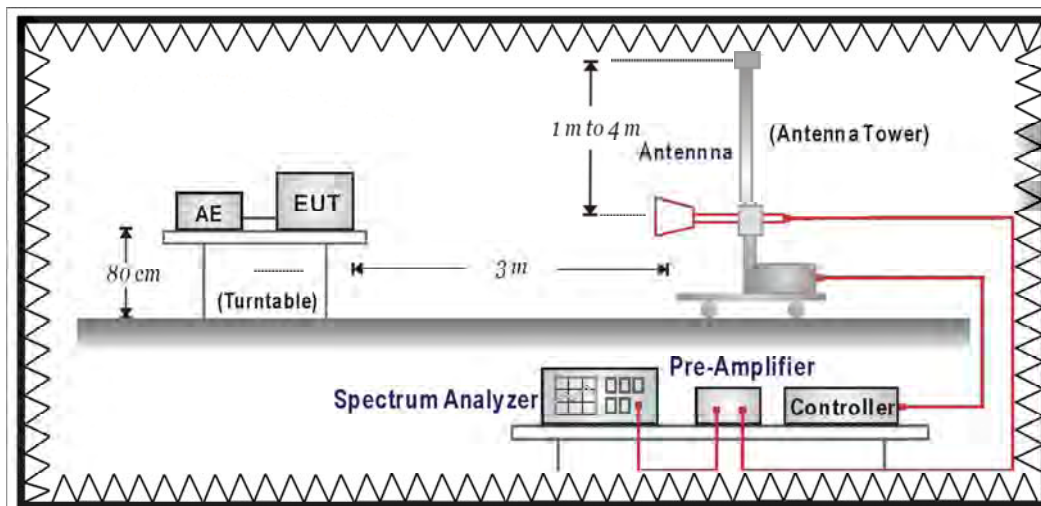
| Instrument                       | Manufacturer | Model No.    | Serial No  | Next Cal. Date |
|----------------------------------|--------------|--------------|------------|----------------|
| Double Ridged Guide Horn Antenna | Schwarzback  | BBHA 9120    | D743       | 2014/02/17     |
| Spectrum Analyzer                | Agilent      | E4440A       | MY46187335 | 2014/01/27     |
| k Type Cable                     | Huber Suhner | Sucoflex 102 | 25623/2    | 2014/02/21     |

#### Radiated Emission Band Edge / CB1

| Instrument                       | Manufacturer | Model No.    | Serial No  | Next Cal. Date |
|----------------------------------|--------------|--------------|------------|----------------|
| Double Ridged Guide Horn Antenna | Schwarzback  | BBHA 9120    | D743       | 2015/02/12     |
| Spectrum Analyzer                | Agilent      | E4440A       | MY46187335 | 2015/01/12     |
| k Type Cable                     | Huber Suhner | Sucoflex 102 | 25623/2    | 2015/02/10     |

Note: 1. 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 C63.4: 2009 and tested according to DTS test procedure of Oct. 2012 KDB5580744 for compliance to FCC 47CFR 15.247 requirements.

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground.

The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

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

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4: 2009 on radiated measurement.

### **6.5. Test Specification**

According to FCC Part 15 Subpart C Paragraph 15.247: 2012

### **6.6. Uncertainty**

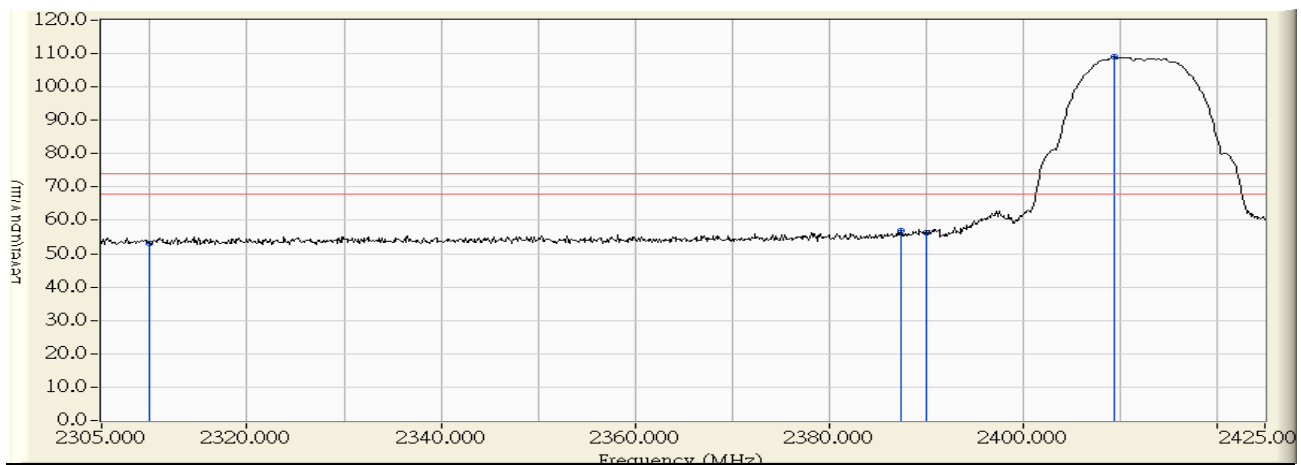
The measurement uncertainty

$\pm 3.9$  dB above 1GHz

## 6.7. Test Result

Radiated is defined as

|                                                |                                                                          |
|------------------------------------------------|--------------------------------------------------------------------------|
| Site : CB1                                     | Time : 2014/03/11 - 11:32                                                |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                   |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,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           | 30.059                 | 22.997                  | 53.056                    | -20.944        | 74.000            | PEAK          |
| 2 |   | 2387.440           | 30.861                 | 25.944                  | 56.806                    | -17.194        | 74.000            | PEAK          |
| 3 |   | 2390.000           | 30.888                 | 25.513                  | 56.401                    | -17.599        | 74.000            | PEAK          |
| 4 | * | 2409.400           | 31.089                 | 77.932                  | 109.022                   | 35.022         | 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 : CB1                                     | Time : 2014/03/11 - 11:33                                                 |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                    |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode) _Adapter:<br>EXA1206UH,802.11b_2412MHz |

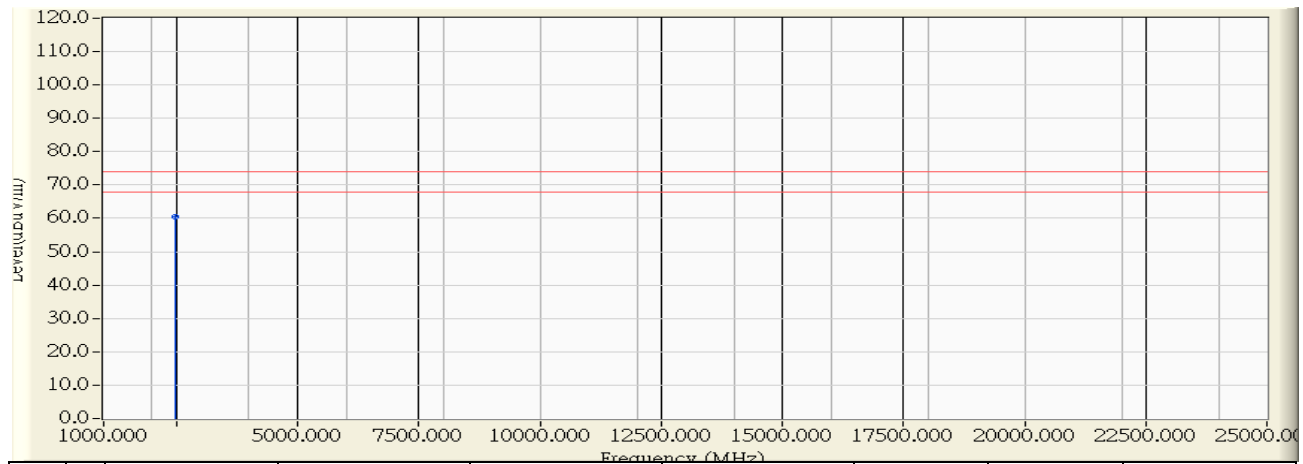


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 30.059                 | 11.389                  | 41.448                    | -12.552        | 54.000            | AVERAGE       |
| 2 |   | 2389.720           | 30.885                 | 13.476                  | 44.361                    | -9.639         | 54.000            | AVERAGE       |
| 3 |   | 2390.000           | 30.888                 | 13.458                  | 44.346                    | -9.654         | 54.000            | AVERAGE       |
| 4 | * | 2409.280           | 31.088                 | 74.517                  | 105.605                   | 51.605         | 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 : CB1                                     | Time : 2014/03/11 - 11:39                                                |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                   |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11b_2412MHz |

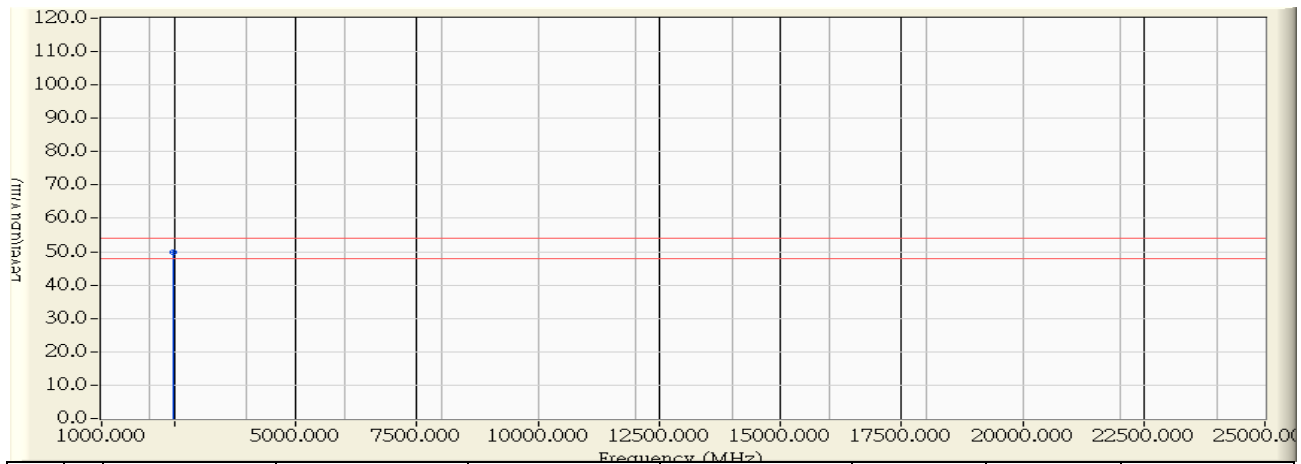


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2489.000           | 31.915                 | 28.550                  | 60.465                    | -13.535        | 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 : CB1                                     | Time : 2014/03/11 - 11:40                                                |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                   |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11b_2412MHz |

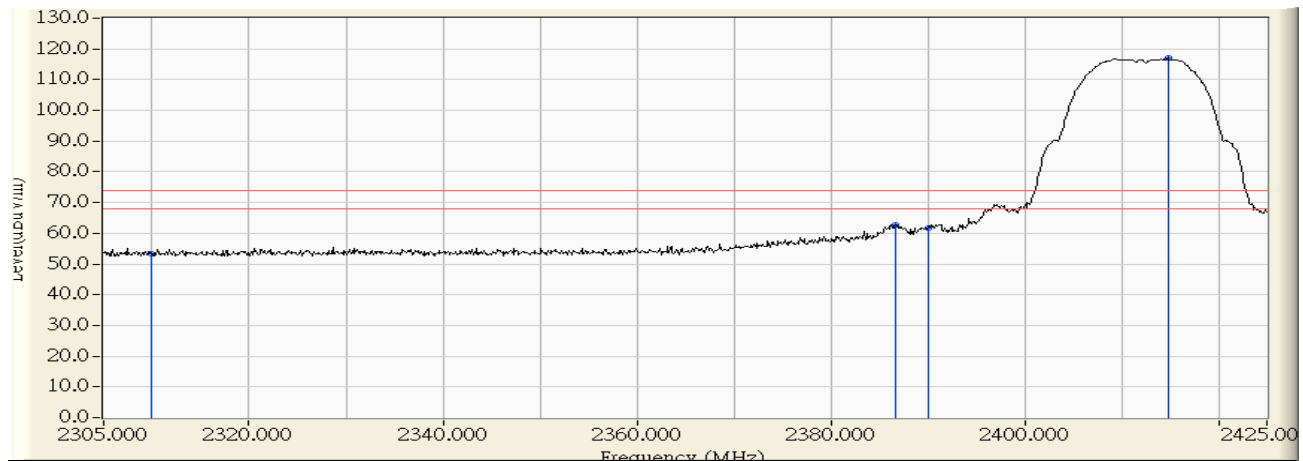


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2489.000           | 31.915                 | 17.910                  | 49.825                    | -4.175         | 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 : CB1                                     | Time : 2014/02/13 - 13:53                                                |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11b_2412MHz |

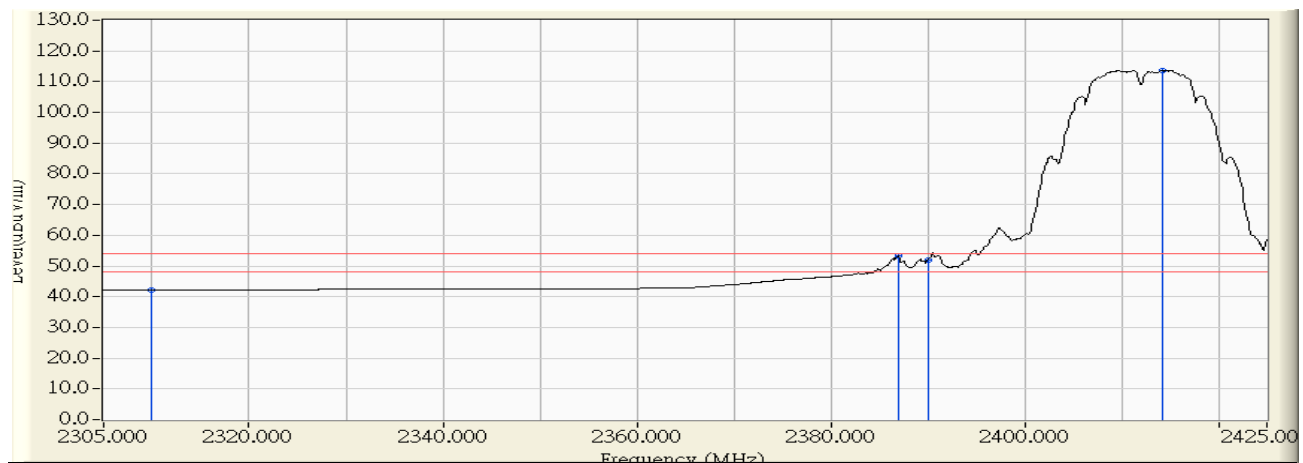


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 30.059                 | 23.189                  | 53.248                    | -20.752        | 74.000            | PEAK          |
| 2 |   | 2386.720           | 30.854                 | 31.753                  | 62.607                    | -11.393        | 74.000            | PEAK          |
| 3 |   | 2390.000           | 30.888                 | 30.740                  | 61.628                    | -12.372        | 74.000            | PEAK          |
| 4 | * | 2414.800           | 31.145                 | 85.819                  | 116.965                   | 42.965         | 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 : CB1                                     | Time : 2014/02/13 - 13:54                                                |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11b_2412MHz |

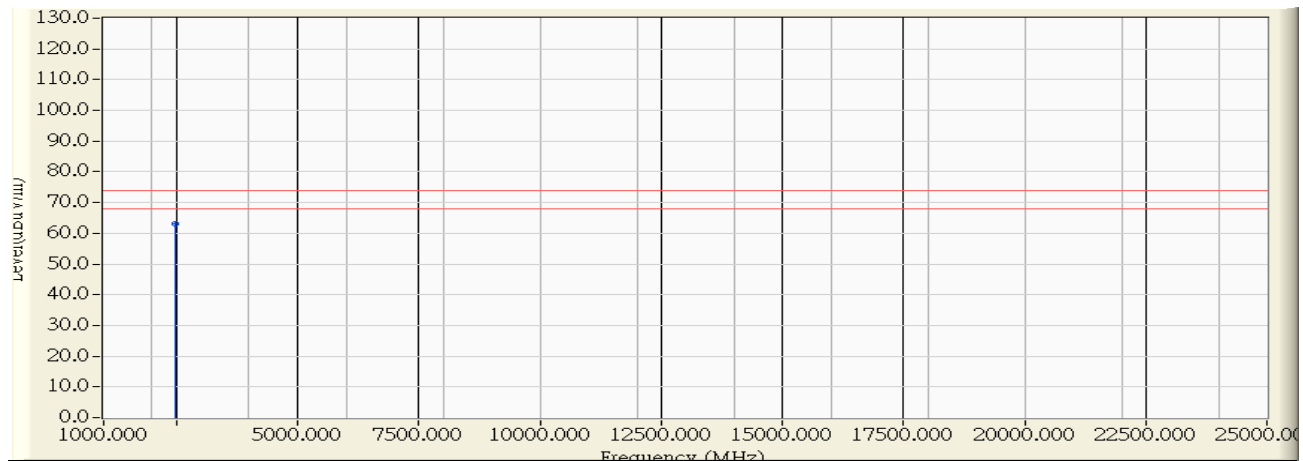


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 30.059                 | 12.035                  | 42.094                    | -11.906        | 54.000            | AVERAGE       |
| 2 |   | 2386.960           | 30.857                 | 22.517                  | 53.374                    | -0.626         | 54.000            | AVERAGE       |
| 3 |   | 2390.000           | 30.888                 | 21.013                  | 51.901                    | -2.099         | 54.000            | AVERAGE       |
| 4 | * | 2414.200           | 31.140                 | 82.585                  | 113.724                   | 59.724         | 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 : CB1                                     | Time : 2014/02/13 - 14:02                                                |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11b_2412MHz |

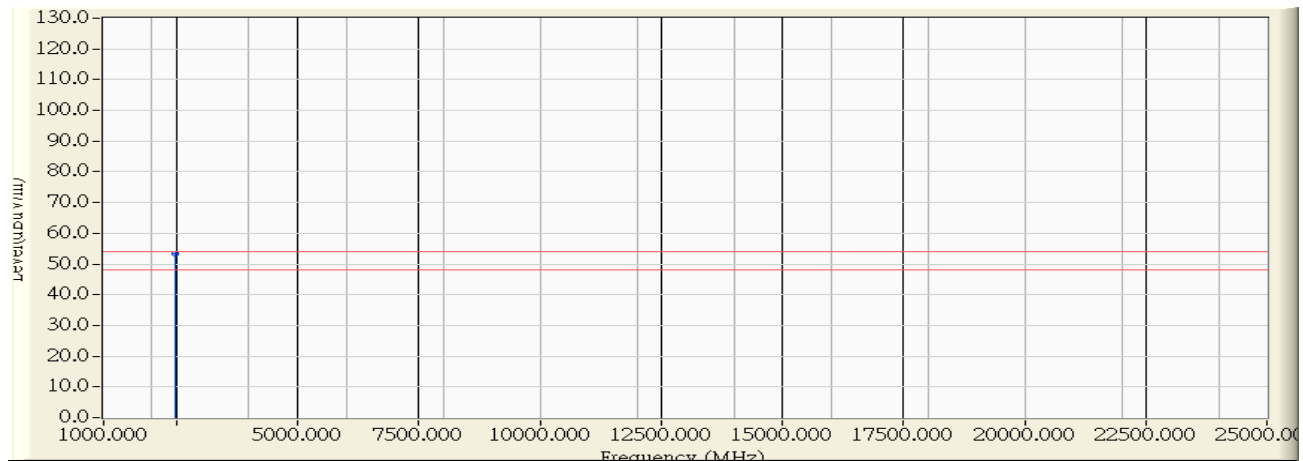


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2487.000           | 31.894                 | 31.190                  | 63.084                    | -10.916        | 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 : CB1                                     | Time : 2014/02/13 - 14:01                                                |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11b_2412MHz |

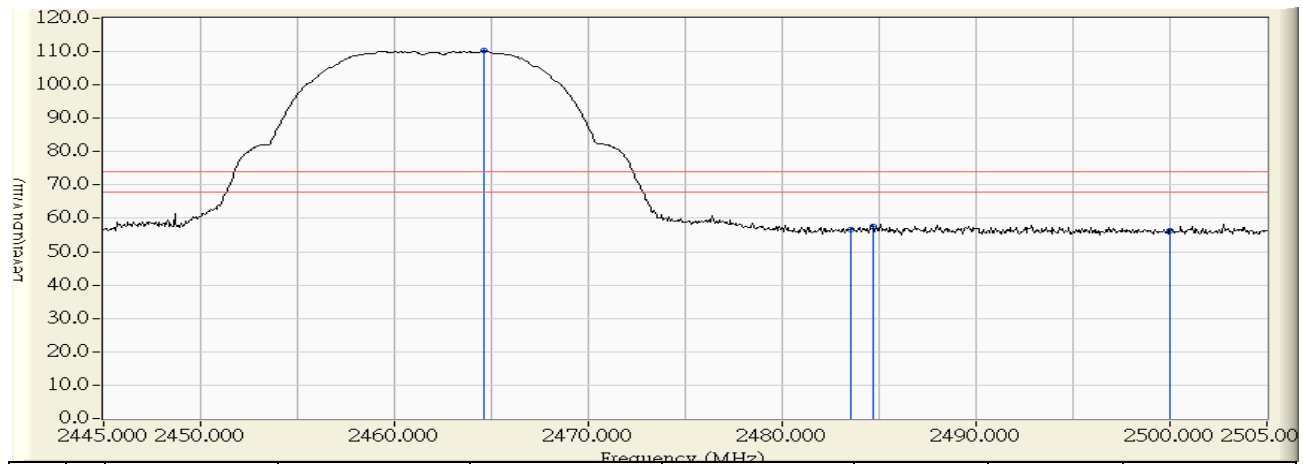


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2489.000           | 31.915                 | 21.570                  | 53.485                    | -0.515         | 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 : CB1                                     | Time : 2014/03/11 - 11:59                                                |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                   |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11b_2462MHz |

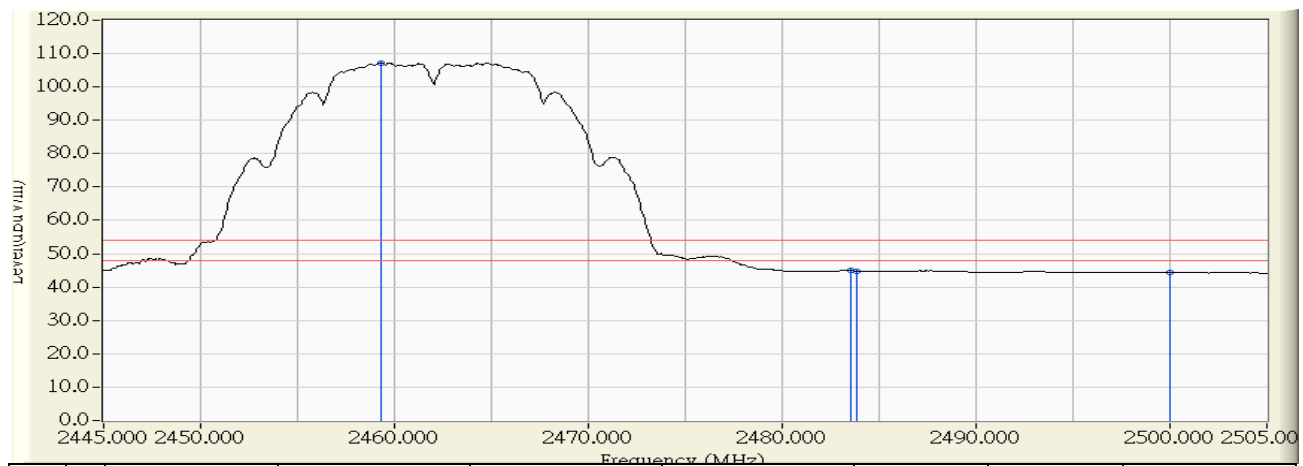


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2464.620           | 31.663                 | 78.554                  | 110.216                   | 36.216         | 74.000            | PEAK          |
| 2 |   | 2483.500           | 31.858                 | 24.744                  | 56.602                    | -17.398        | 74.000            | PEAK          |
| 3 |   | 2484.660           | 31.870                 | 25.595                  | 57.465                    | -16.535        | 74.000            | PEAK          |
| 4 |   | 2500.000           | 31.988                 | 24.261                  | 56.250                    | -17.750        | 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 : CB1                                     | Time : 2014/03/11 - 12:00                                                |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                   |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11b_2462MHz |

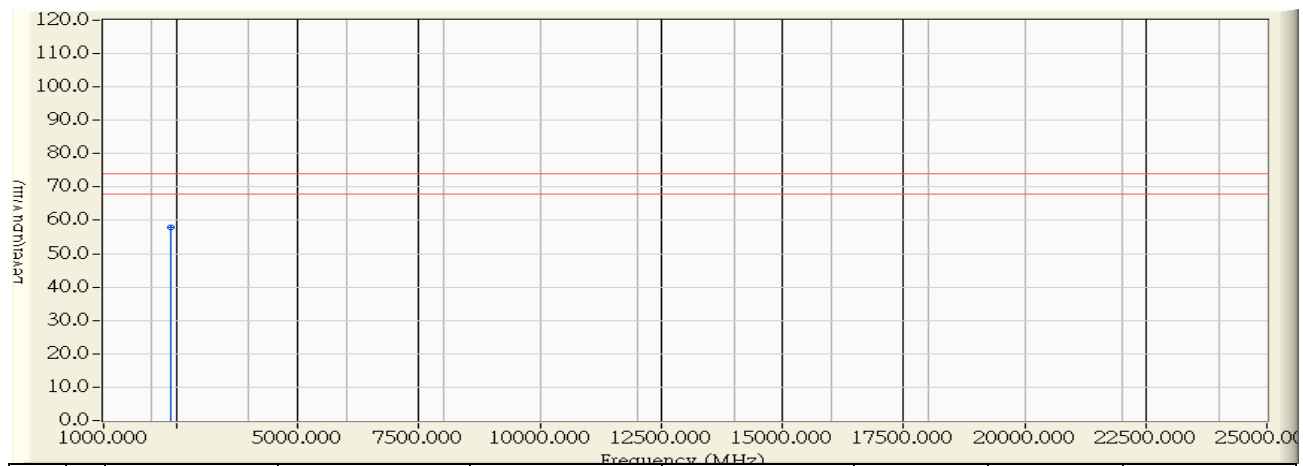


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2459.280           | 31.606                 | 75.573                  | 107.180                   | 53.180         | 54.000            | AVERAGE       |
| 2 |   | 2483.500           | 31.858                 | 13.119                  | 44.977                    | -9.023         | 54.000            | AVERAGE       |
| 3 |   | 2483.820           | 31.861                 | 13.002                  | 44.863                    | -9.137         | 54.000            | AVERAGE       |
| 4 |   | 2500.000           | 31.988                 | 12.472                  | 44.461                    | -9.539         | 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 : CB1                                     | Time : 2014/03/11 - 12:04                                                |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                   |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11b_2462MHz |

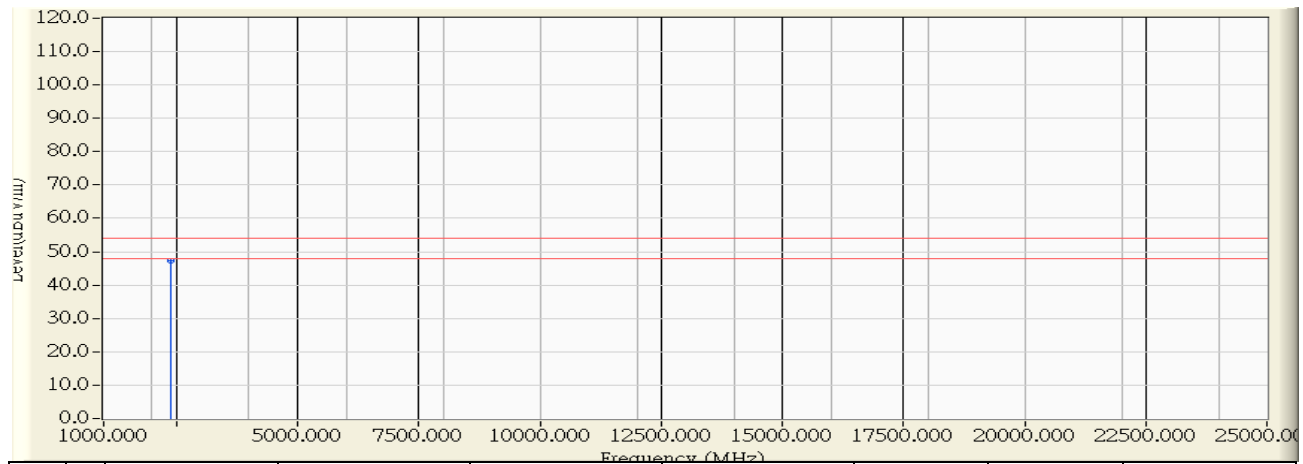


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2384.000           | 30.826                 | 26.940                  | 57.766                    | -16.234        | 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 : CB1                                     | Time : 2014/03/11 - 12:04                                                |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                   |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11b_2462MHz |

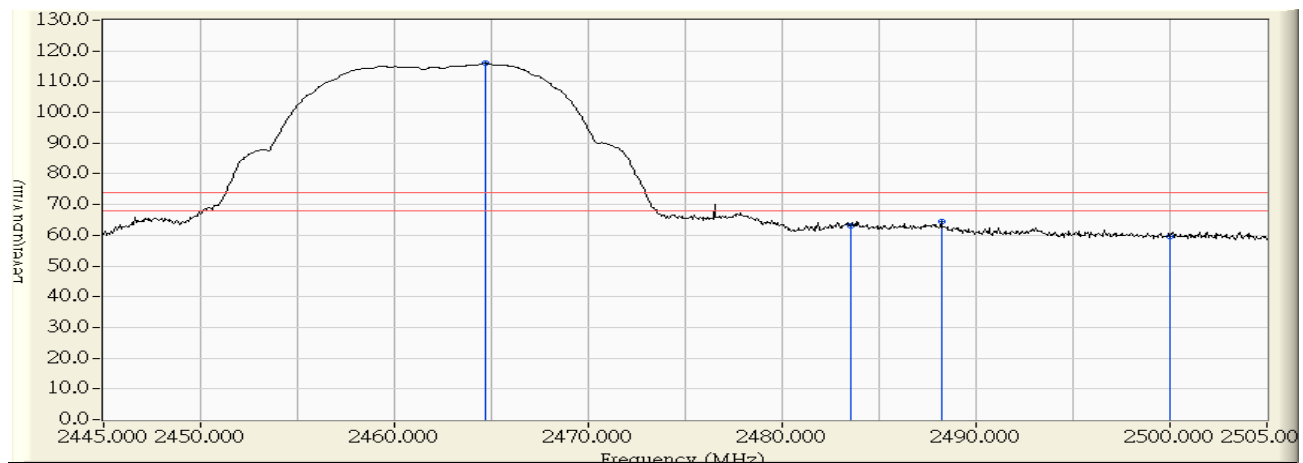


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2384.000           | 30.826                 | 16.410                  | 47.236                    | -6.764         | 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 : CB1                                     | Time : 2014/02/13 - 14:32                                                |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11b_2462MHz |

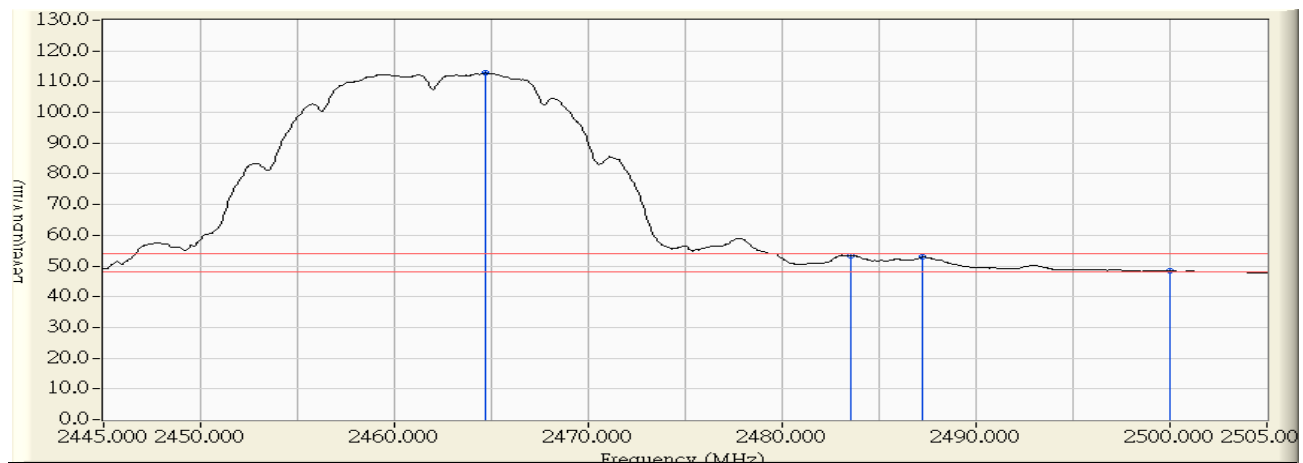


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2464.680           | 31.663                 | 84.247                  | 115.910                   | 41.910         | 74.000            | PEAK          |
| 2 |   | 2483.500           | 31.858                 | 31.362                  | 63.220                    | -10.780        | 74.000            | PEAK          |
| 3 |   | 2488.200           | 31.906                 | 32.519                  | 64.426                    | -9.574         | 74.000            | PEAK          |
| 4 |   | 2500.000           | 31.988                 | 27.737                  | 59.726                    | -14.274        | 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 : CB1                                     | Time : 2014/02/13 - 14:31                                                |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11b_2462MHz |

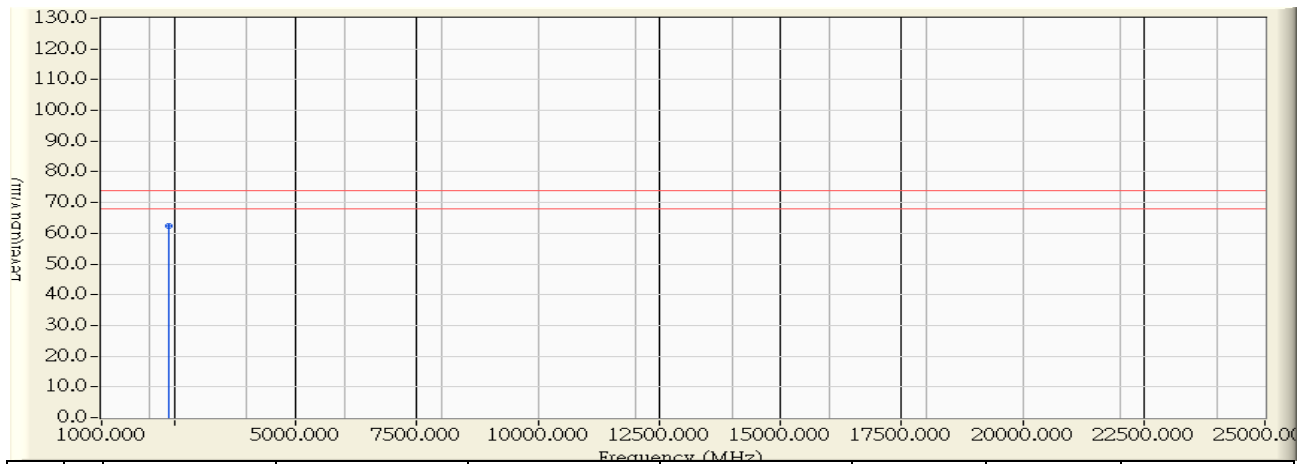


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2464.680           | 31.663                 | 81.088                  | 112.751                   | 58.751         | 54.000            | AVERAGE       |
| 2 |   | 2483.500           | 31.858                 | 21.453                  | 53.311                    | -0.689         | 54.000            | AVERAGE       |
| 3 |   | 2487.240           | 31.897                 | 21.037                  | 52.934                    | -1.066         | 54.000            | AVERAGE       |
| 4 |   | 2500.000           | 31.988                 | 16.308                  | 48.297                    | -5.703         | 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 : CB1                                     | Time : 2014/02/13 - 14:39                                                |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11b_2462MHz |

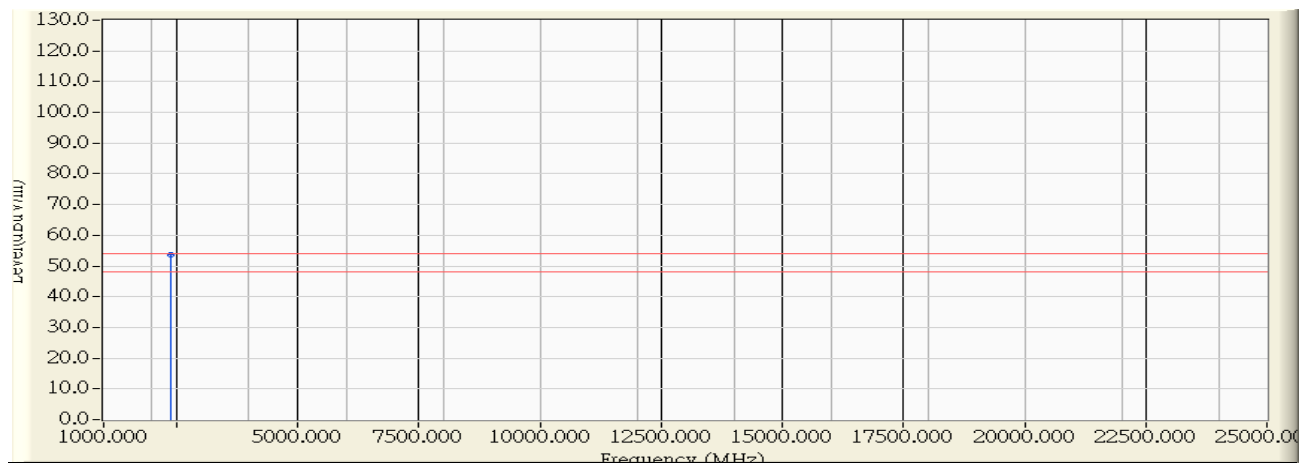


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2384.000           | 30.826                 | 31.680                  | 62.506                    | -11.494        | 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 : CB1                                     | Time : 2014/02/13 - 14:38                                                |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11b_2462MHz |

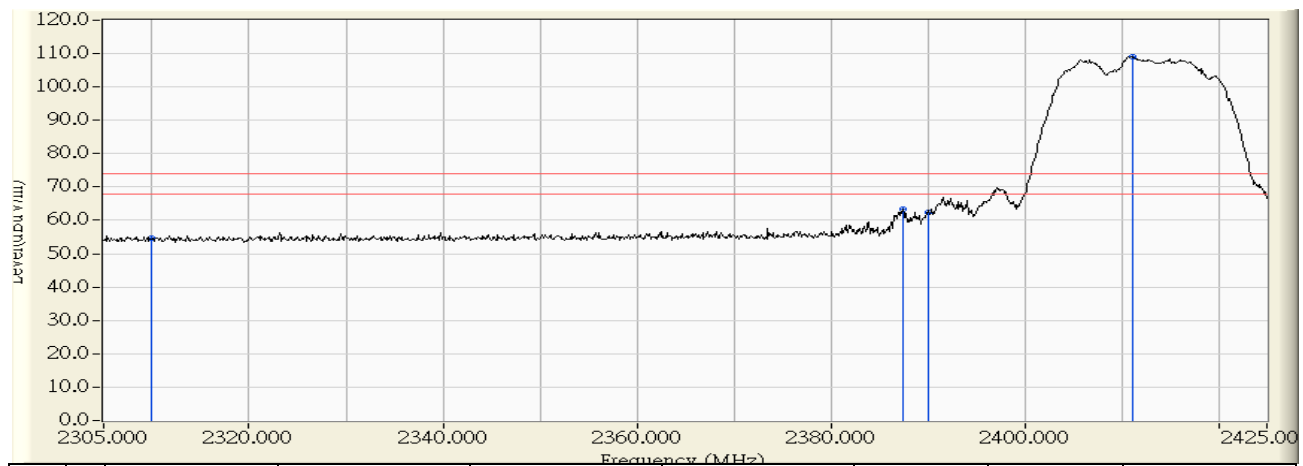


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2384.000           | 30.826                 | 22.730                  | 53.556                    | -0.444         | 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 : CB1                                     | Time : 2014/03/11 - 13:09                                                 |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                    |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode) _Adapter:<br>EXA1206UH,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           | 30.059                 | 24.656                  | 54.715                    | -19.285        | 74.000            | PEAK          |
| 2 |   | 2387.440           | 30.861                 | 32.605                  | 63.467                    | -10.533        | 74.000            | PEAK          |
| 3 |   | 2390.000           | 30.888                 | 31.509                  | 62.397                    | -11.603        | 74.000            | PEAK          |
| 4 | * | 2411.200           | 31.108                 | 78.078                  | 109.186                   | 35.186         | 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 : CB1                                     | Time : 2014/03/11 - 13:10                                                 |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                    |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode) _Adapter:<br>EXA1206UH,802.11g_2412MHz |

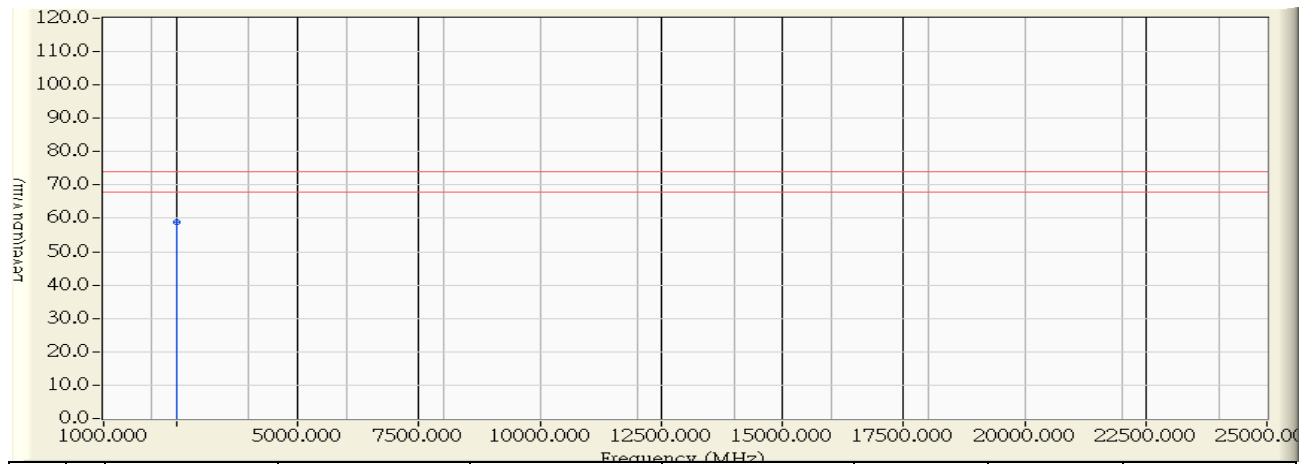


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 30.059                 | 12.202                  | 42.261                    | -11.739        | 54.000            | AVERAGE       |
| 2 |   | 2389.960           | 30.888                 | 14.221                  | 45.109                    | -8.891         | 54.000            | AVERAGE       |
| 3 |   | 2390.000           | 30.888                 | 14.319                  | 45.207                    | -8.793         | 54.000            | AVERAGE       |
| 4 | * | 2411.320           | 31.109                 | 67.502                  | 98.611                    | 44.611         | 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 : CB1                                     | Time : 2014/03/11 - 13:16                                                |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                   |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11g_2412MHz |

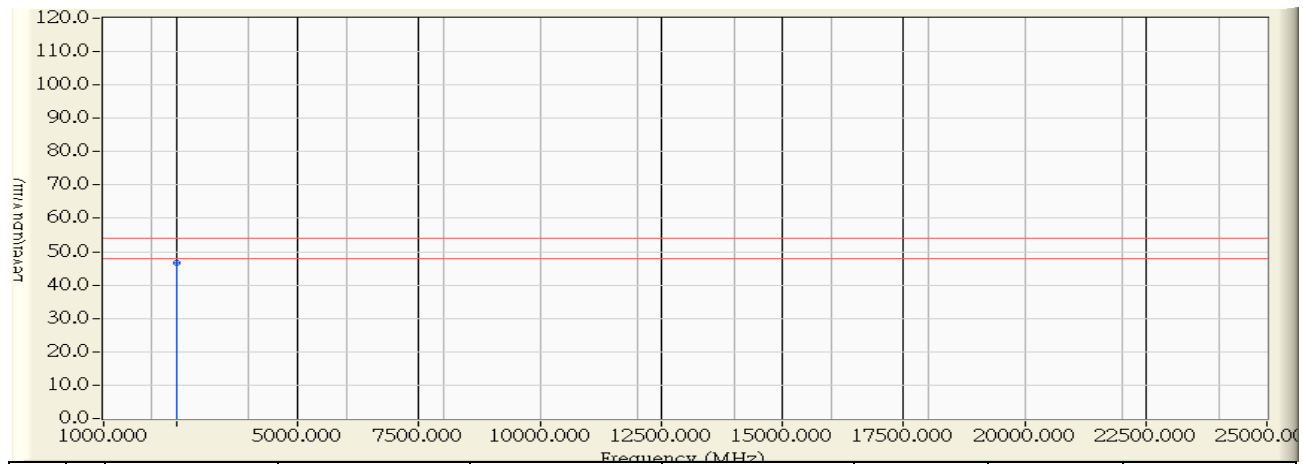


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2494.000           | 31.967                 | 26.970                  | 58.937                    | -15.063        | 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 : CB1                                     | Time : 2014/03/11 - 13:17                                                |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                   |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11g_2412MHz |

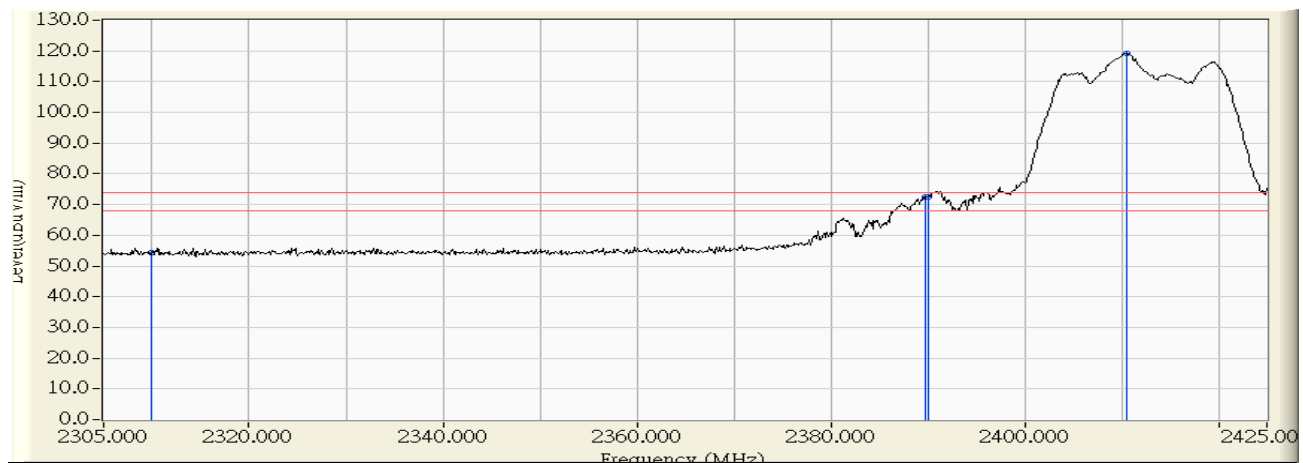


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2494.000           | 31.967                 | 14.760                  | 46.727                    | -7.273         | 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 : CB1                                     | Time : 2014/02/13 - 11:35                                                |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11g_2412MHz |

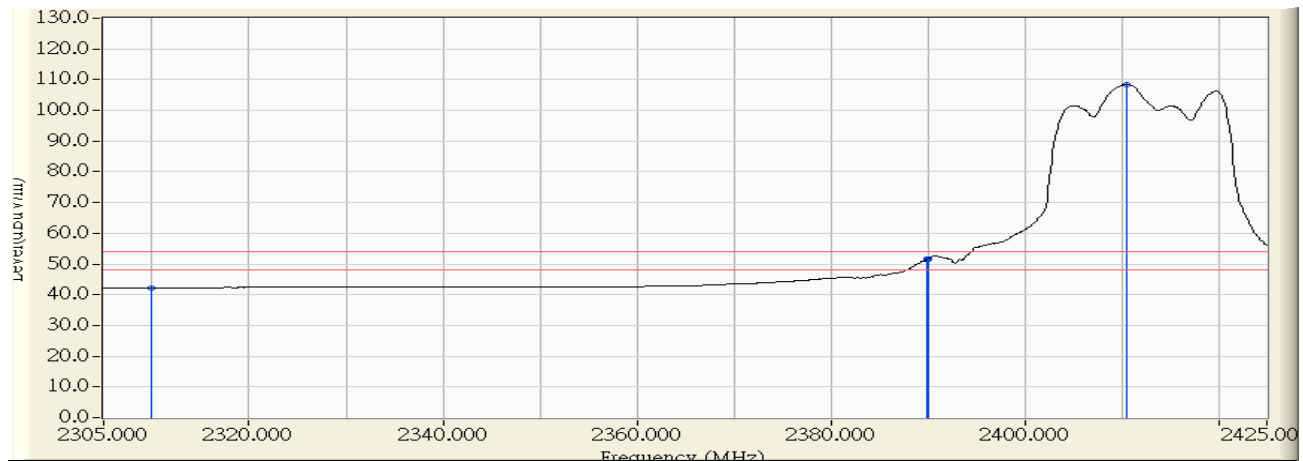


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 30.059                 | 24.280                  | 54.339                    | -19.661        | 74.000            | PEAK          |
| 2 |   | 2389.720           | 30.885                 | 41.710                  | 72.595                    | -1.405         | 74.000            | PEAK          |
| 3 |   | 2390.000           | 30.888                 | 41.637                  | 72.525                    | -1.475         | 74.000            | PEAK          |
| 4 | * | 2410.600           | 31.102                 | 87.937                  | 119.039                   | 45.039         | 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 : CB1                                     | Time : 2014/02/13 - 11:36                                                |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11g_2412MHz |

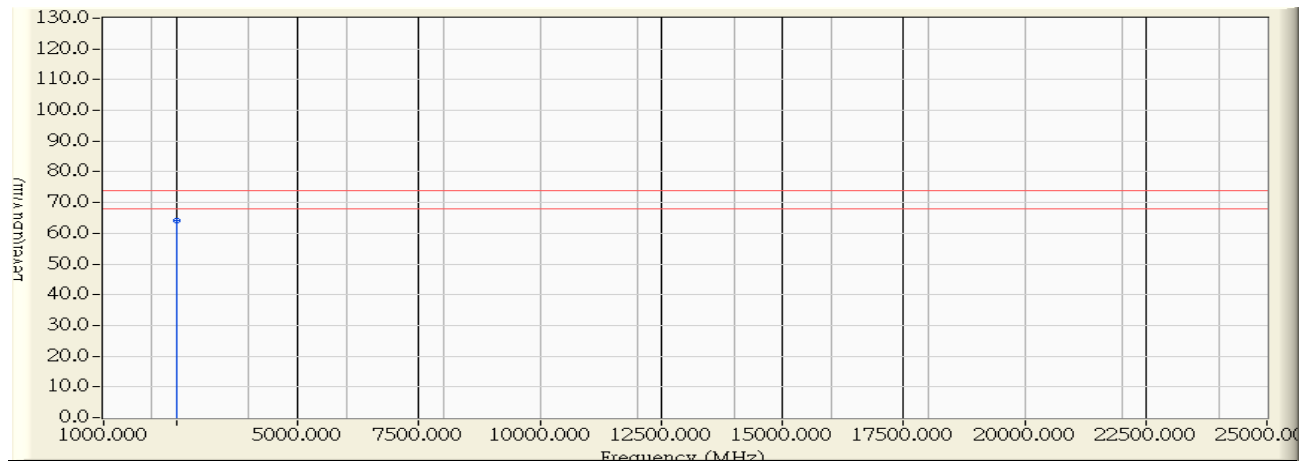


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 30.059                 | 12.239                  | 42.298                    | -11.702        | 54.000            | AVERAGE       |
| 2 |   | 2389.960           | 30.888                 | 20.577                  | 51.465                    | -2.535         | 54.000            | AVERAGE       |
| 3 |   | 2390.000           | 30.888                 | 20.759                  | 51.647                    | -2.353         | 54.000            | AVERAGE       |
| 4 | * | 2410.480           | 31.100                 | 77.278                  | 108.379                   | 54.379         | 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 : CB1                                     | Time : 2014/02/13 - 11:46                                                |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11g_2412MHz |

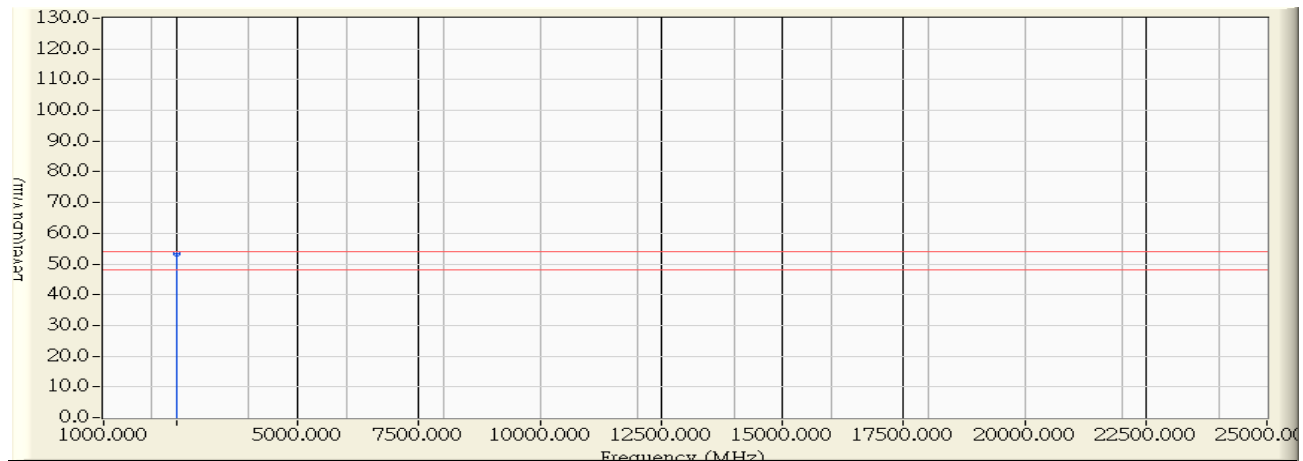


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2494.000           | 31.967                 | 32.160                  | 64.127                    | -9.873         | 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 : CB1                                     | Time : 2014/02/13 - 11:45                                                |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11g_2412MHz |

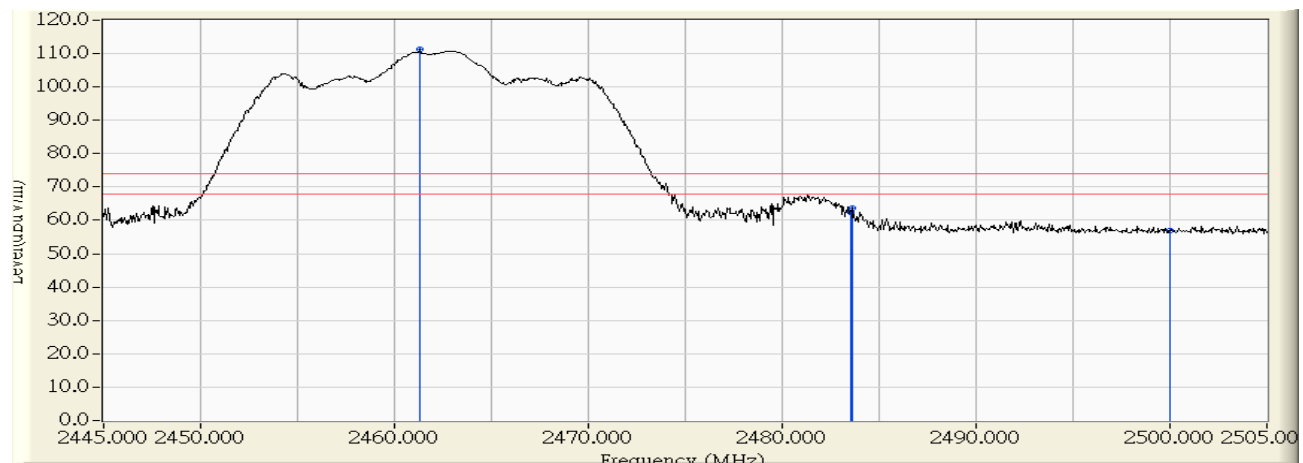


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2494.000           | 31.967                 | 21.230                  | 53.197                    | -0.803         | 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 : CB1                                     | Time : 2014/03/11 - 13:31                                                |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                   |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11g_2462MHz |

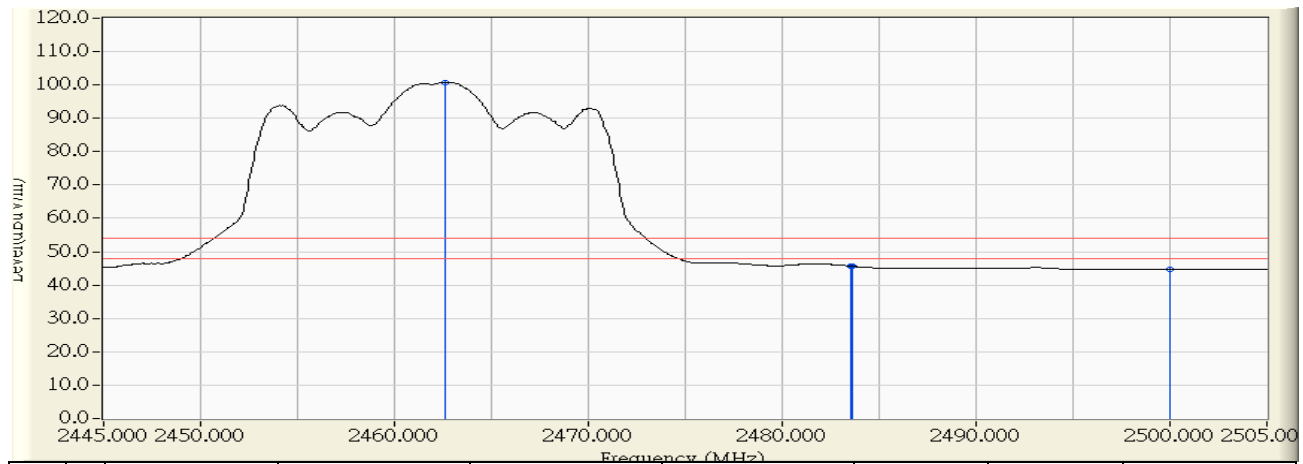


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2461.320           | 31.628                 | 79.669                  | 111.297                   | 37.297         | 74.000            | PEAK          |
| 2 |   | 2483.500           | 31.858                 | 30.578                  | 62.436                    | -11.564        | 74.000            | PEAK          |
| 3 |   | 2483.580           | 31.859                 | 31.897                  | 63.756                    | -10.244        | 74.000            | PEAK          |
| 4 |   | 2500.000           | 31.988                 | 25.040                  | 57.029                    | -16.971        | 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 : CB1                                     | Time : 2014/03/11 - 13:32                                                |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                   |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11g_2462MHz |

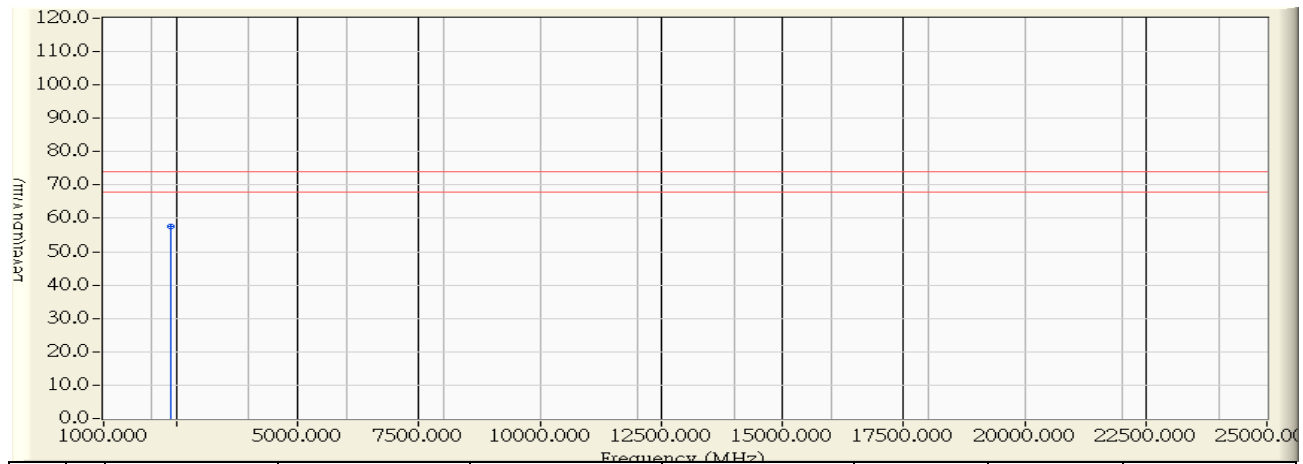


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2462.640           | 31.641                 | 69.145                  | 100.787                   | 46.787         | 54.000            | AVERAGE       |
| 2 |   | 2483.500           | 31.858                 | 13.879                  | 45.737                    | -8.263         | 54.000            | AVERAGE       |
| 3 |   | 2483.580           | 31.859                 | 13.843                  | 45.702                    | -8.298         | 54.000            | AVERAGE       |
| 4 |   | 2500.000           | 31.988                 | 12.796                  | 44.785                    | -9.215         | 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 : CB1                                     | Time : 2014/03/11 - 13:38                                                |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                   |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11g_2462MHz |

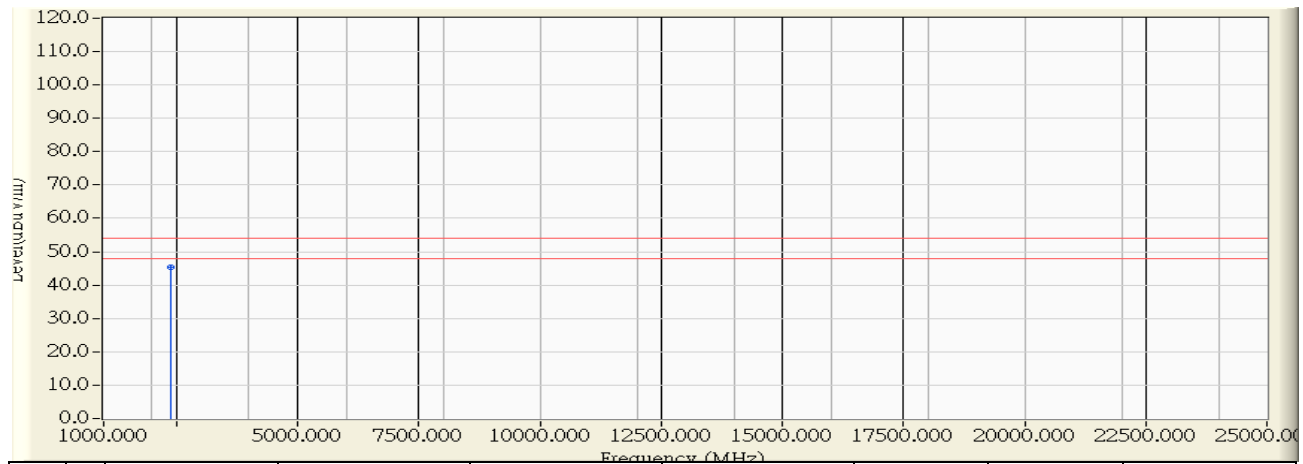


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2384.000           | 30.826                 | 26.820                  | 57.646                    | -16.354        | 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 : CB1                                     | Time : 2014/03/11 - 13:39                                                |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                   |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11g_2462MHz |

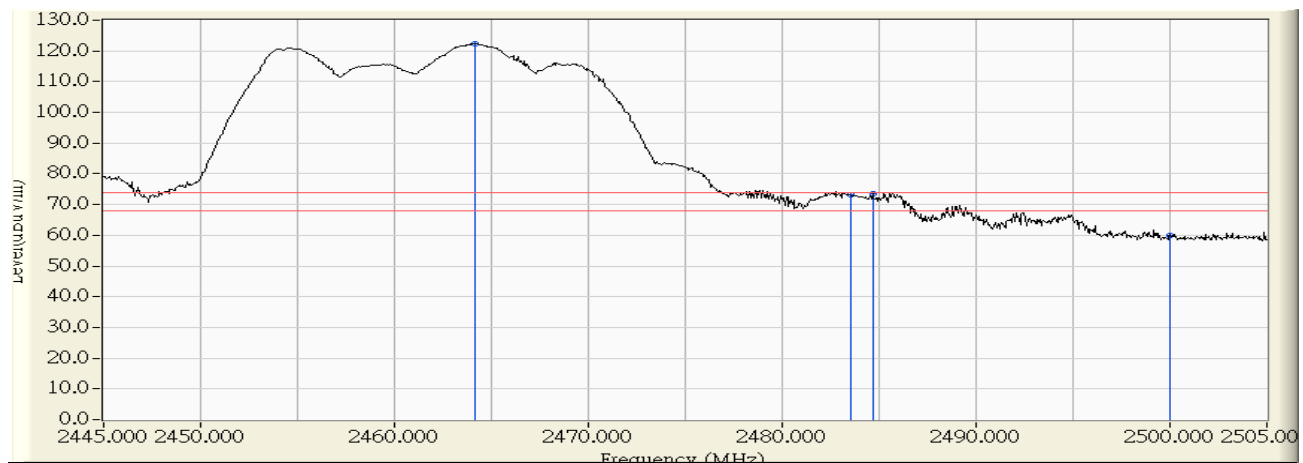


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2384.000           | 30.826                 | 14.390                  | 45.216                    | -8.784         | 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 : CB1                                     | Time : 2014/02/13 - 13:33                                                |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11g_2462MHz |

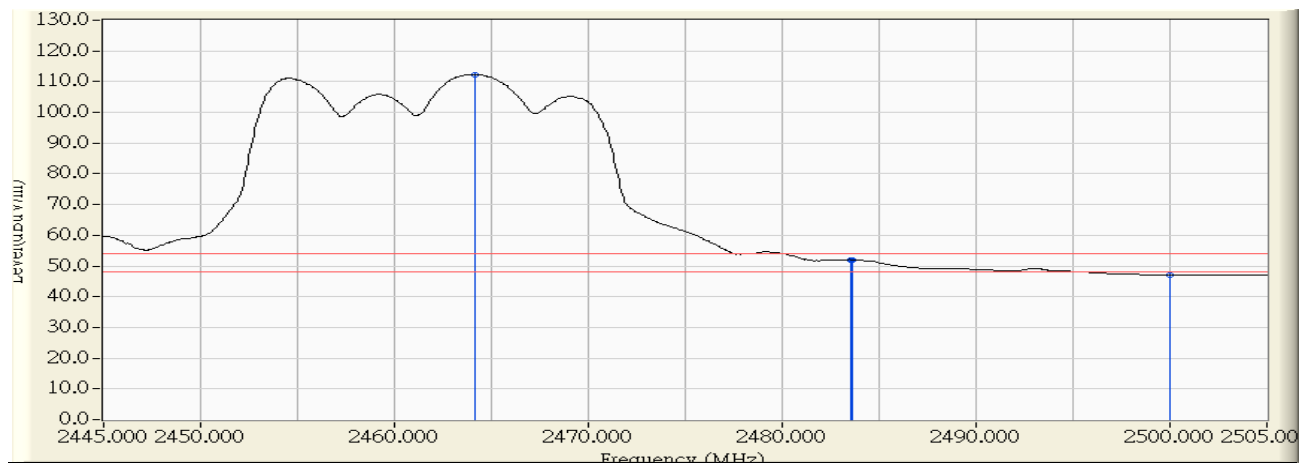


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2464.140           | 31.657                 | 90.727                  | 122.384                   | 48.384         | 74.000            | PEAK          |
| 2 |   | 2483.500           | 31.858                 | 41.171                  | 73.029                    | -0.971         | 74.000            | PEAK          |
| 3 |   | 2484.660           | 31.870                 | 41.601                  | 73.471                    | -0.529         | 74.000            | PEAK          |
| 4 |   | 2500.000           | 31.988                 | 28.122                  | 60.111                    | -13.889        | 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 : CB1                                     | Time : 2014/02/13 - 13:34                                                |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11g_2462MHz |

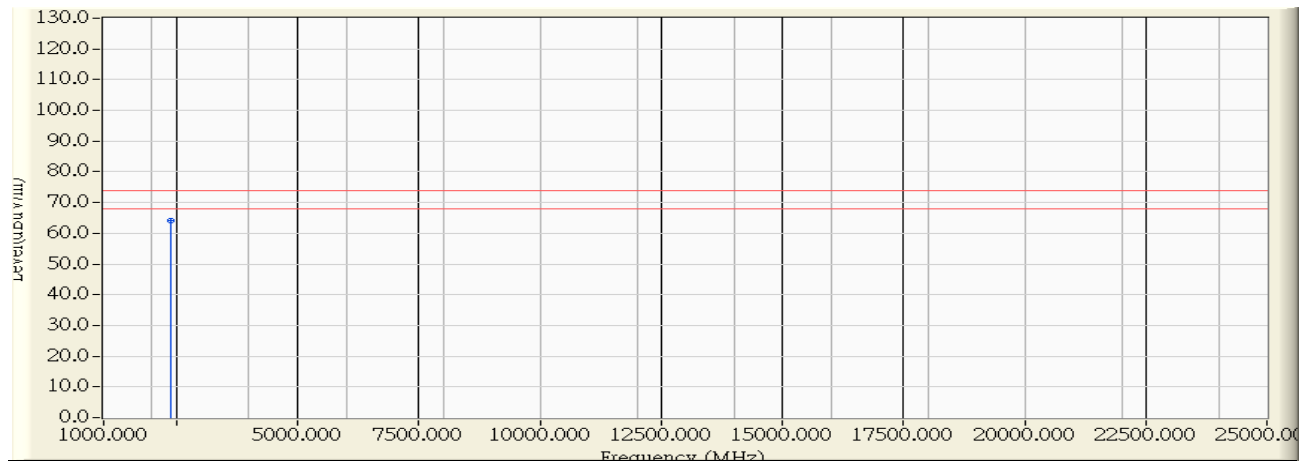


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2464.140           | 31.657                 | 80.634                  | 112.291                   | 58.291         | 54.000            | AVERAGE       |
| 2 |   | 2483.500           | 31.858                 | 20.206                  | 52.064                    | -1.936         | 54.000            | AVERAGE       |
| 3 |   | 2483.640           | 31.859                 | 20.207                  | 52.066                    | -1.934         | 54.000            | AVERAGE       |
| 4 |   | 2500.000           | 31.988                 | 15.149                  | 47.138                    | -6.862         | 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 : CB1                                     | Time : 2014/02/13 - 13:42                                                |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11g_2462MHz |

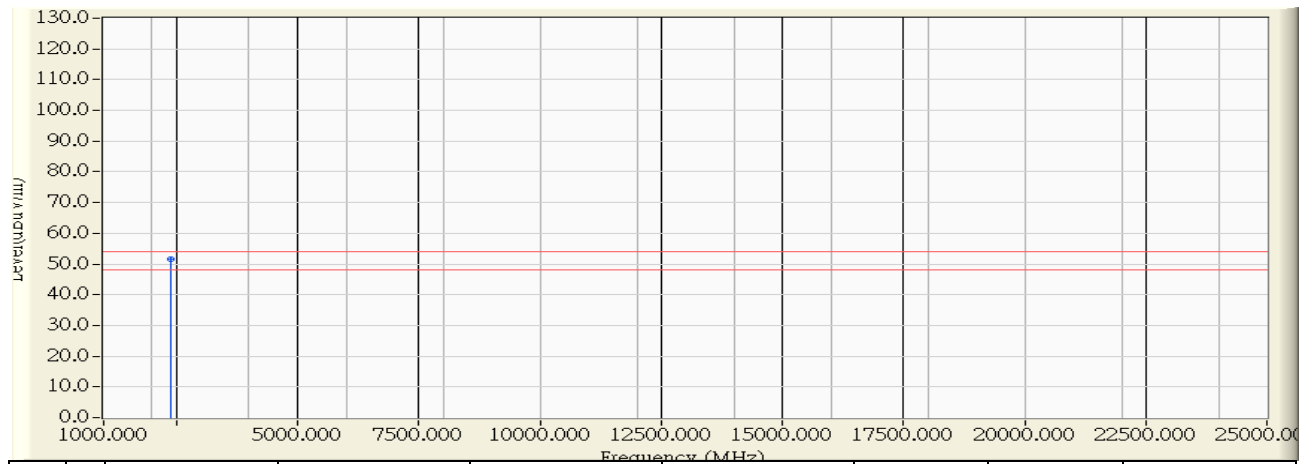


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2383.000           | 30.816                 | 33.210                  | 64.026                    | -9.974         | 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 : CB1                                     | Time : 2014/02/13 - 13:43                                                |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11g_2462MHz |

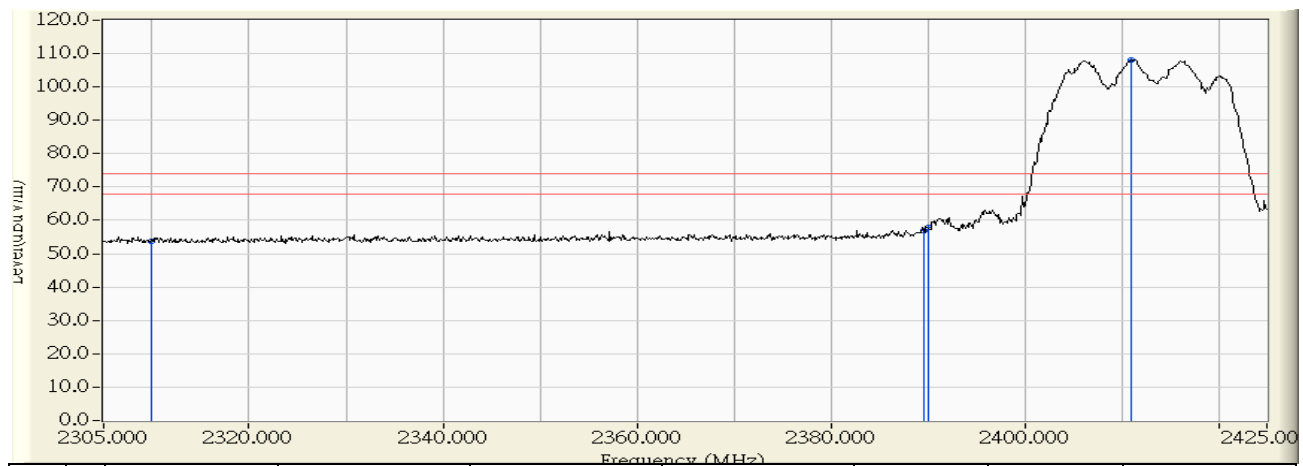


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2384.000           | 30.826                 | 20.710                  | 51.536                    | -2.464         | 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 : CB1                                     | Time : 2014/03/11 - 13:45                                                      |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                     |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                         |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode) _Adapter:<br>EXA1206UH,802.11n(20M)_2412MHz |

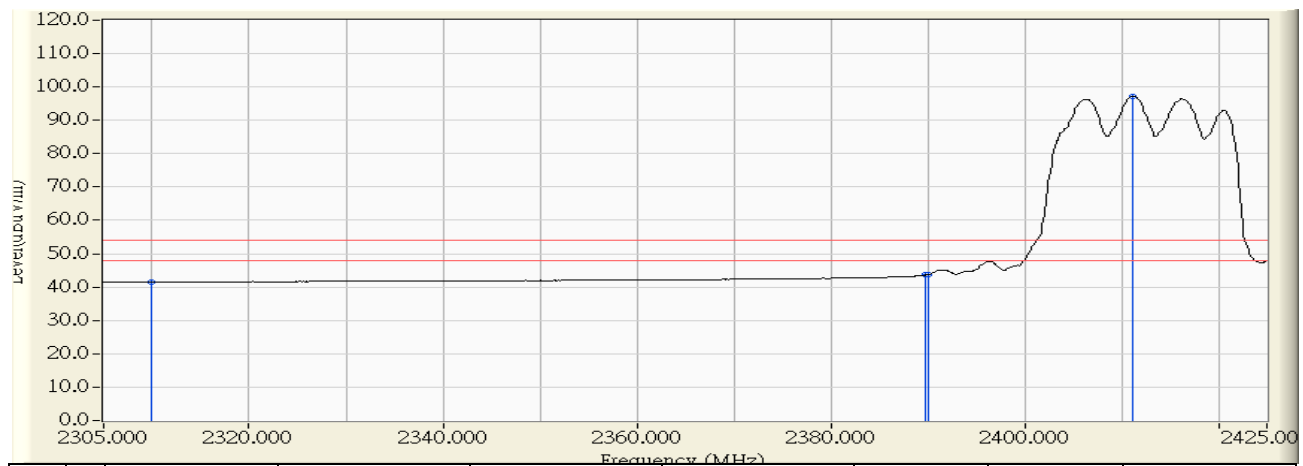


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 30.059                 | 23.827                  | 53.886                    | -20.114        | 74.000            | PEAK          |
| 2 |   | 2389.600           | 30.884                 | 26.153                  | 57.037                    | -16.963        | 74.000            | PEAK          |
| 3 |   | 2390.000           | 30.888                 | 26.874                  | 57.762                    | -16.238        | 74.000            | PEAK          |
| 4 | * | 2410.960           | 31.106                 | 76.925                  | 108.031                   | 34.031         | 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 : CB1                                     | Time : 2014/03/11 - 13:46                                                     |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(20M)_2412MHz |

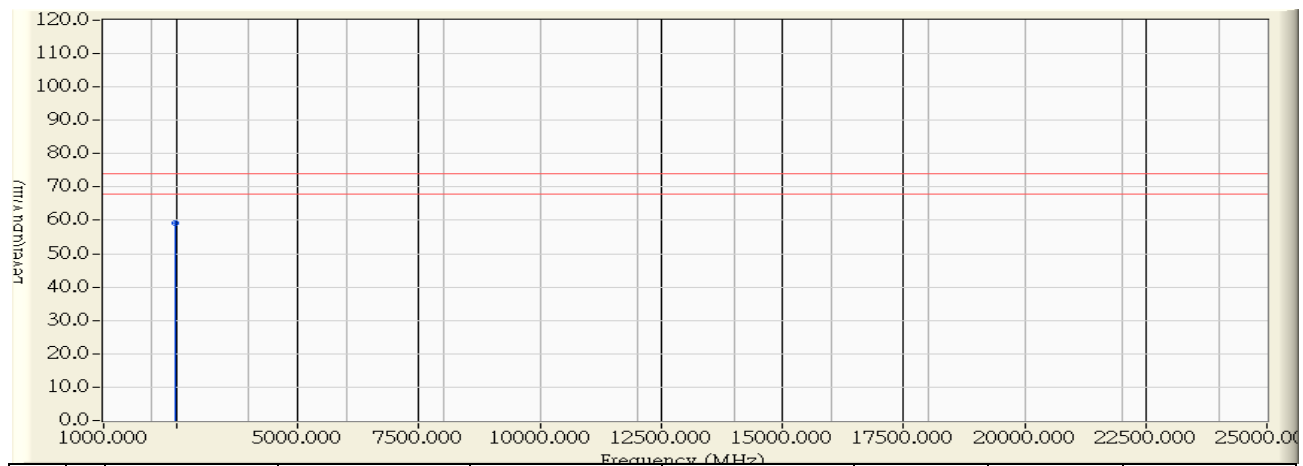


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 30.059                 | 11.456                  | 41.515                    | -12.485        | 54.000            | AVERAGE       |
| 2 |   | 2389.840           | 30.887                 | 12.724                  | 43.611                    | -10.389        | 54.000            | AVERAGE       |
| 3 |   | 2390.000           | 30.888                 | 12.756                  | 43.644                    | -10.356        | 54.000            | AVERAGE       |
| 4 | * | 2411.200           | 31.108                 | 66.180                  | 97.288                    | 43.288         | 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 : CB1                                     | Time : 2014/03/11 - 13:52                                                     |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(20M)_2412MHz |

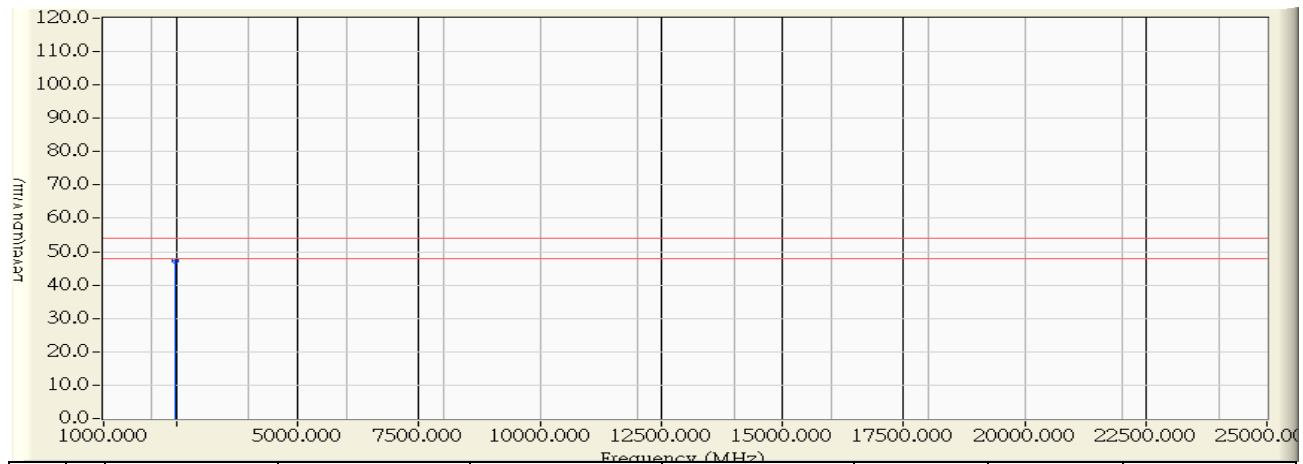


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2490.000           | 31.925                 | 27.110                  | 59.035                    | -14.965        | 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 : CB1                                     | Time : 2014/03/11 - 13:53                                                     |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(20M)_2412MHz |

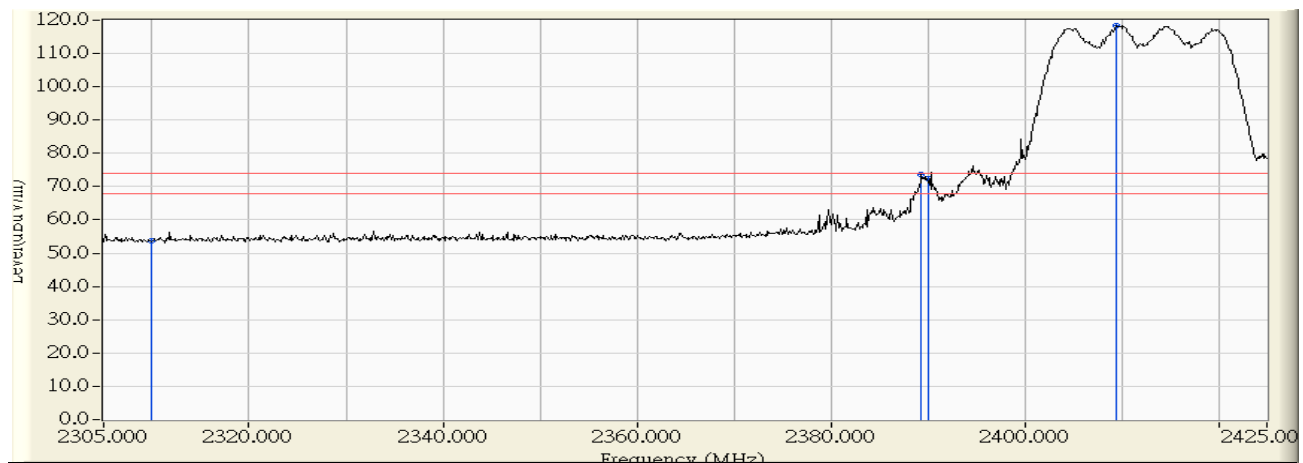


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2490.000           | 31.925                 | 15.320                  | 47.245                    | -6.755         | 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 : CB1                                     | Time : 2014/02/13 - 10:25                                                     |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(20M)_2412MHz |

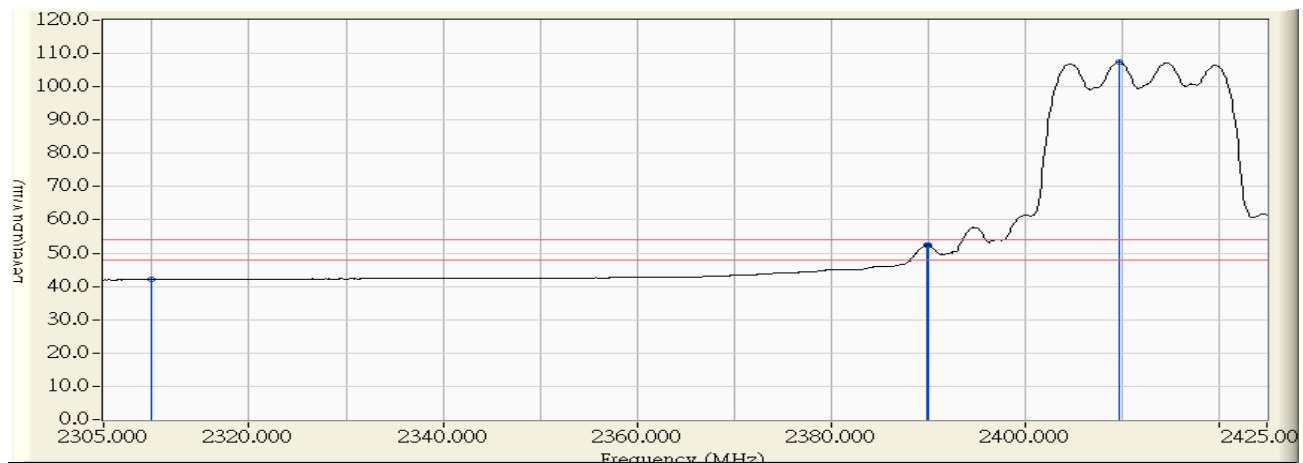


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 30.059                 | 23.585                  | 53.644                    | -20.356        | 74.000            | PEAK          |
| 2 |   | 2389.360           | 30.882                 | 42.870                  | 73.752                    | -0.248         | 74.000            | PEAK          |
| 3 |   | 2390.000           | 30.888                 | 41.418                  | 72.306                    | -1.694         | 74.000            | PEAK          |
| 4 | * | 2409.400           | 31.089                 | 87.386                  | 118.476                   | 44.476         | 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 : CB1                                     | Time : 2014/02/13 - 10:26                                                      |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                     |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                           |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode) _Adapter:<br>EXA1206UH,802.11n(20M)_2412MHz |

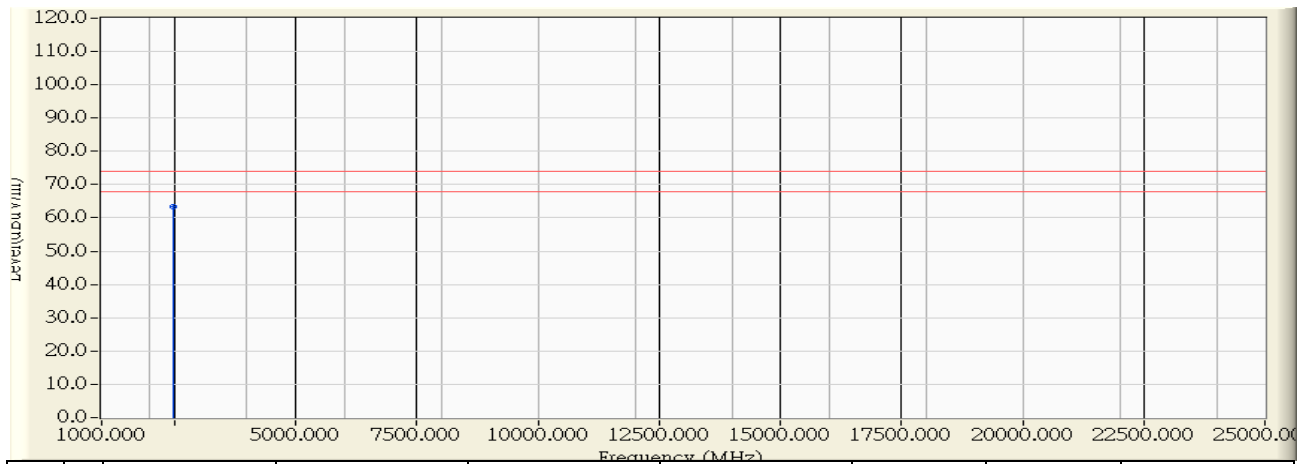


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 30.059                 | 11.987                  | 42.046                    | -11.954        | 54.000            | AVERAGE       |
| 2 |   | 2389.960           | 30.888                 | 21.473                  | 52.361                    | -1.639         | 54.000            | AVERAGE       |
| 3 |   | 2390.000           | 30.888                 | 21.515                  | 52.403                    | -1.597         | 54.000            | AVERAGE       |
| 4 | * | 2409.760           | 31.093                 | 76.272                  | 107.365                   | 53.365         | 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 : CB1                                     | Time : 2014/02/13 - 10:33                                                     |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(20M)_2412MHz |

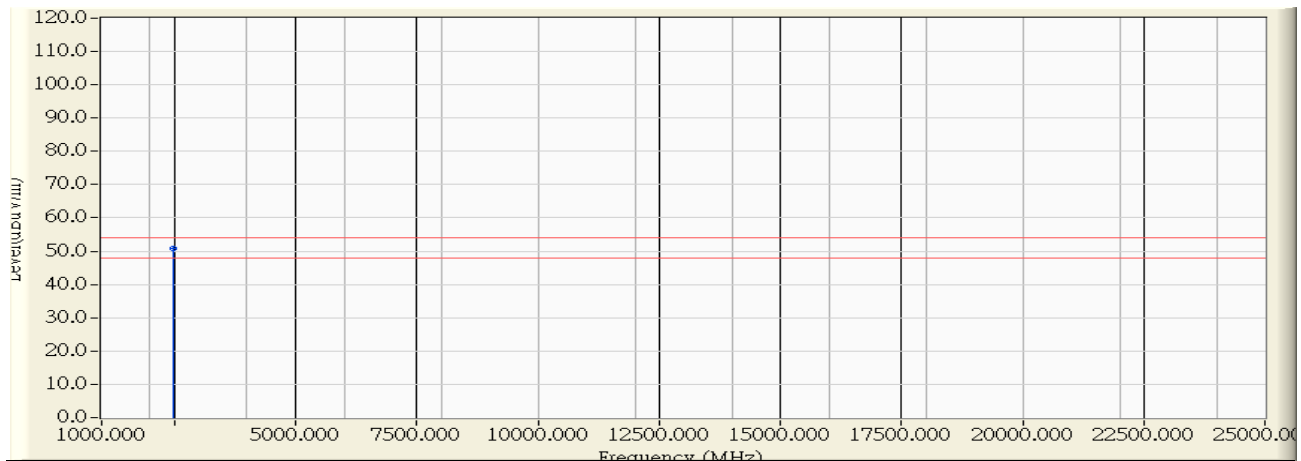


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2490.000           | 31.925                 | 31.570                  | 63.495                    | -10.505        | 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 : CB1                                     | Time : 2014/02/13 - 10:33                                                     |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(20M)_2412MHz |

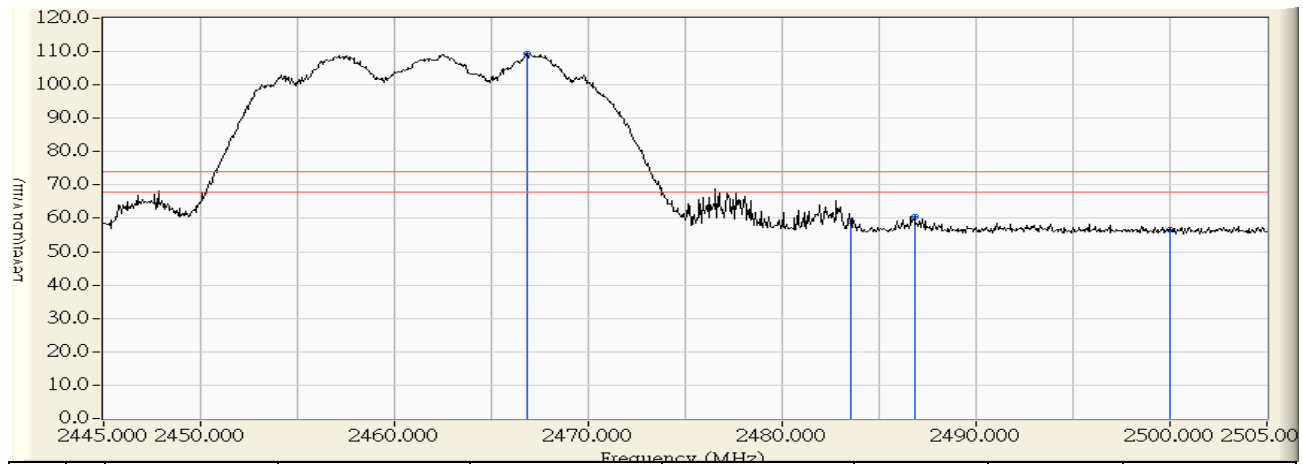


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2490.000           | 31.925                 | 18.850                  | 50.775                    | -3.225         | 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 : CB1                                     | Time : 2014/03/11 - 14:05                                                     |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(20M)_2462MHz |

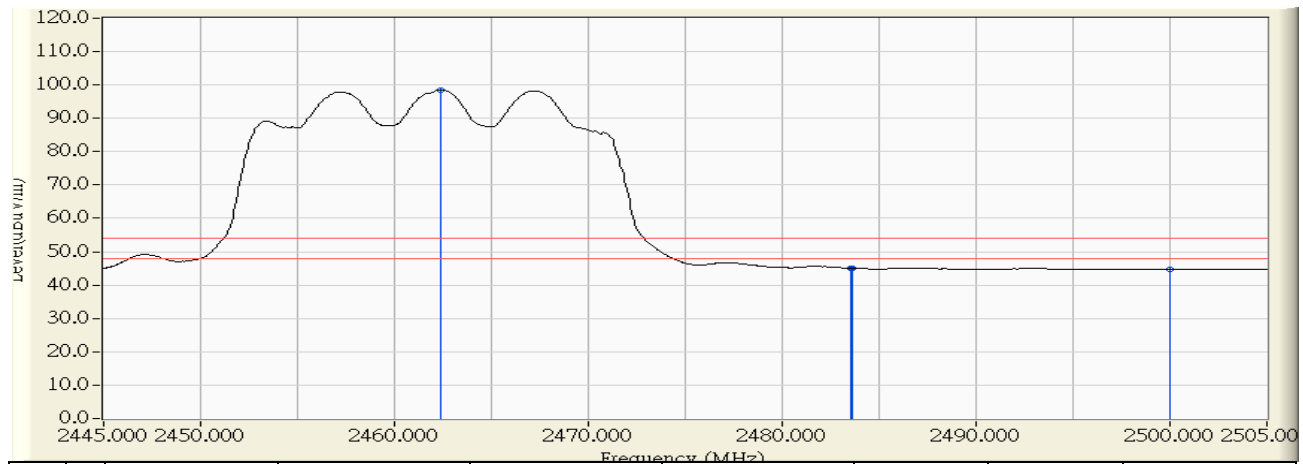


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2466.840           | 31.685                 | 77.627                  | 109.312                   | 35.312         | 74.000            | PEAK          |
| 2 |   | 2483.500           | 31.858                 | 27.286                  | 59.144                    | -14.856        | 74.000            | PEAK          |
| 3 |   | 2486.820           | 31.893                 | 28.593                  | 60.485                    | -13.515        | 74.000            | PEAK          |
| 4 |   | 2500.000           | 31.988                 | 24.617                  | 56.606                    | -17.394        | 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 : CB1                                     | Time : 2014/03/11 - 14:06                                                     |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(20M)_2462MHz |

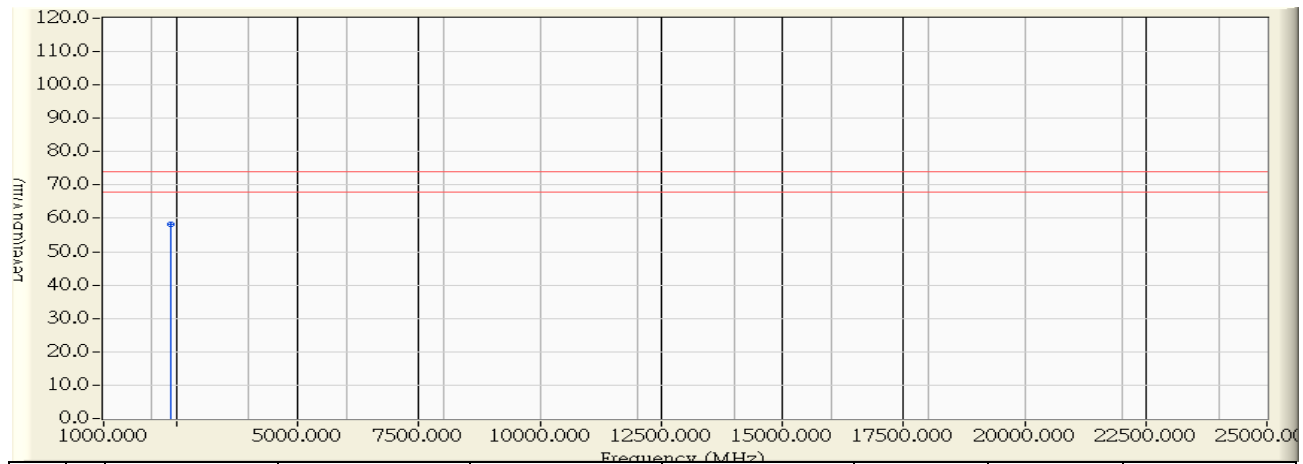


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2462.400           | 31.639                 | 66.853                  | 98.492                    | 44.492         | 54.000            | AVERAGE       |
| 2 |   | 2483.500           | 31.858                 | 13.211                  | 45.069                    | -8.931         | 54.000            | AVERAGE       |
| 3 |   | 2483.640           | 31.859                 | 13.162                  | 45.021                    | -8.979         | 54.000            | AVERAGE       |
| 4 |   | 2500.000           | 31.988                 | 12.678                  | 44.667                    | -9.333         | 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 : CB1                                     | Time : 2014/03/14 - 14:12                                                     |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(20M)_2462MHz |

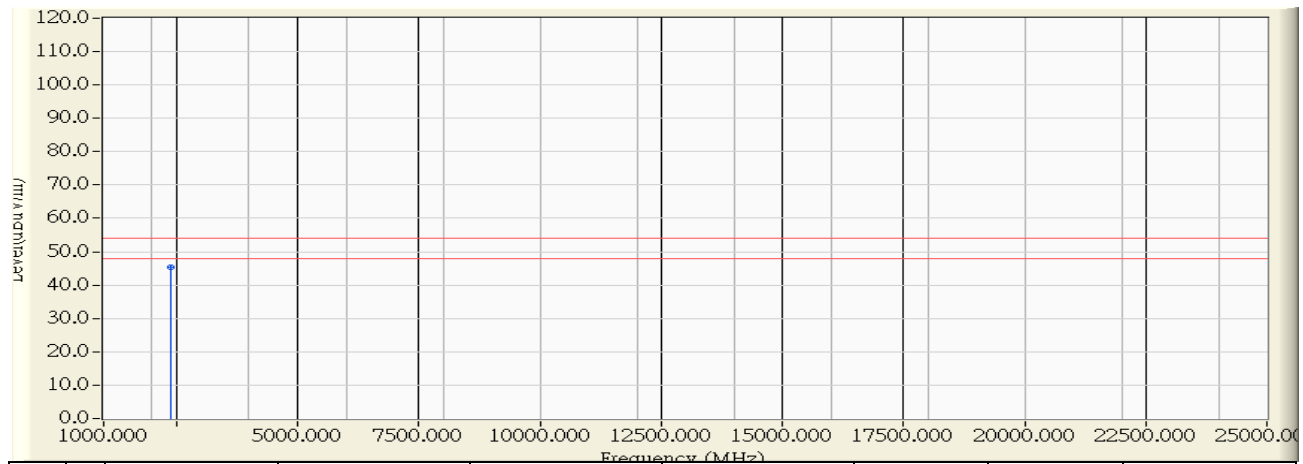


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2388.000           | 30.868                 | 27.320                  | 58.188                    | -15.812        | 74.000            | PEAK          |

## Note:

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

|                                                |                                                                               |
|------------------------------------------------|-------------------------------------------------------------------------------|
| Site : CB1                                     | Time : 2014/03/14 - 14:12                                                     |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(20M)_2462MHz |

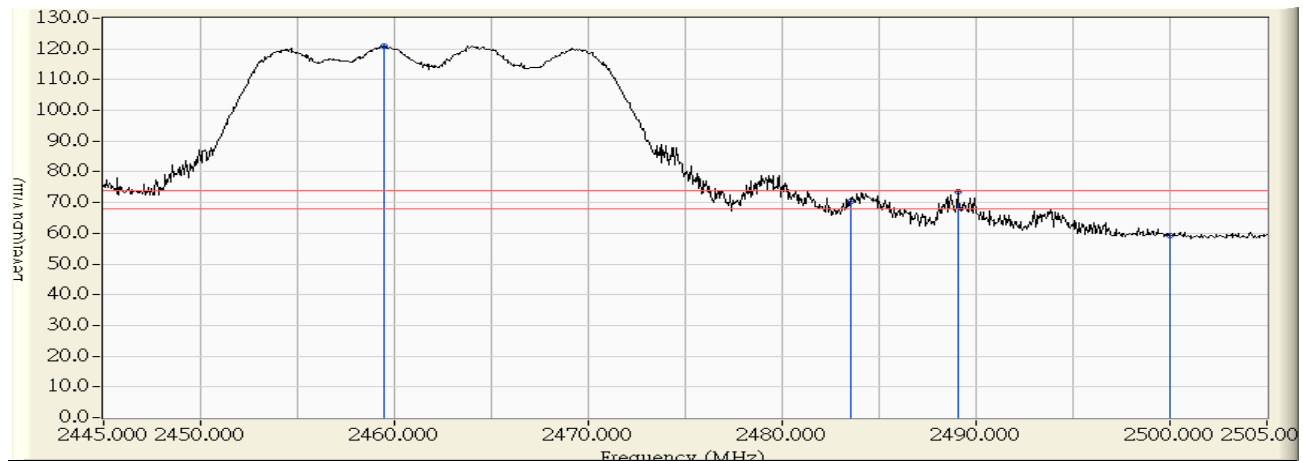


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2388.000           | 30.868                 | 14.430                  | 45.298                    | -8.702         | 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 : CB1                                     | Time : 2014/02/13 - 11:16                                                     |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(20M)_2462MHz |

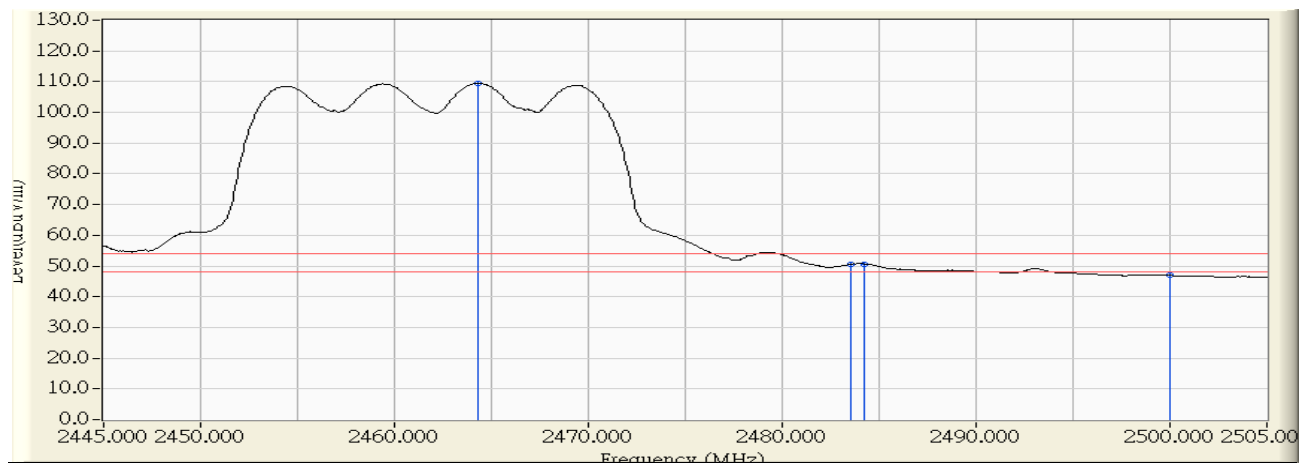


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2459.460           | 31.609                 | 89.353                  | 120.962                   | 46.962         | 74.000            | PEAK          |
| 2 |   | 2483.500           | 31.858                 | 38.711                  | 70.569                    | -3.431         | 74.000            | PEAK          |
| 3 |   | 2489.040           | 31.915                 | 41.663                  | 73.578                    | -0.422         | 74.000            | PEAK          |
| 4 |   | 2500.000           | 31.988                 | 27.171                  | 59.160                    | -14.840        | 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 : CB1                                     | Time : 2014/02/13 - 11:17                                                     |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(20M)_2462MHz |

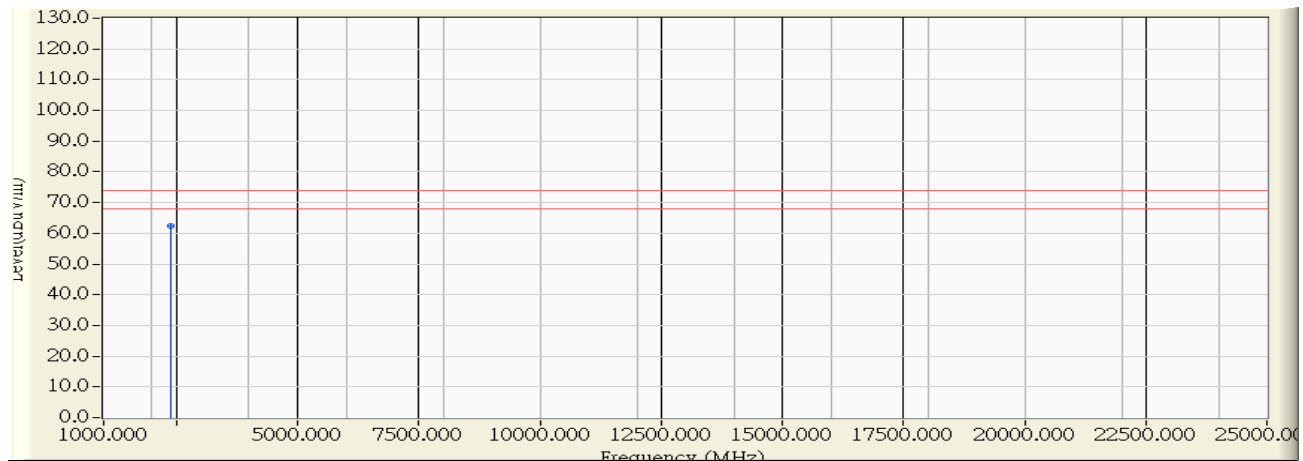


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2464.320           | 31.659                 | 77.803                  | 109.462                   | 55.462         | 54.000            | AVERAGE       |
| 2 |   | 2483.500           | 31.858                 | 18.681                  | 50.539                    | -3.461         | 54.000            | AVERAGE       |
| 3 |   | 2484.240           | 31.866                 | 18.840                  | 50.706                    | -3.294         | 54.000            | AVERAGE       |
| 4 |   | 2500.000           | 31.988                 | 14.906                  | 46.895                    | -7.105         | 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 : CB1                                     | Time : 2014/02/13 - 11:24                                                     |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(20M)_2462MHz |

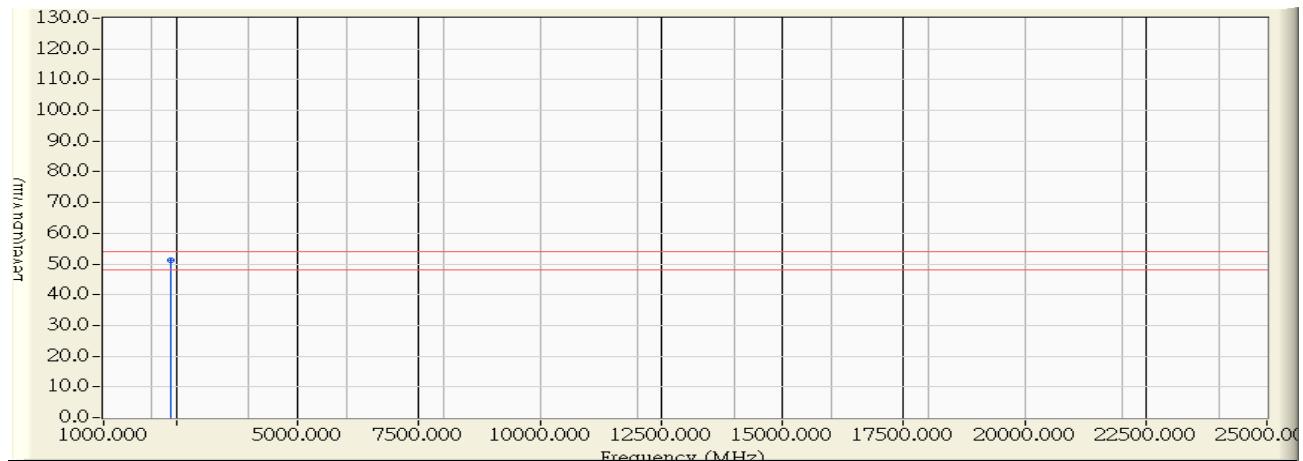


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2389.000           | 30.878                 | 31.590                  | 62.468                    | -11.532        | 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 : CB1                                     | Time : 2014/02/13 - 11:25                                                     |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(20M)_2462MHz |

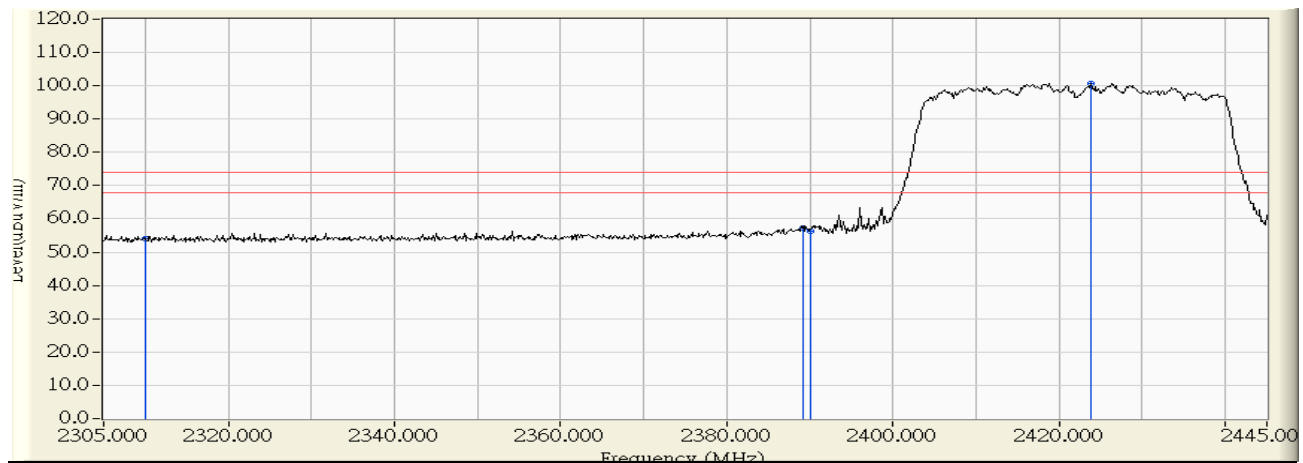


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2386.000           | 30.847                 | 20.330                  | 51.177                    | -2.823         | 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 : CB1                                     | Time : 2014/03/11 - 14:11                                                     |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(40M)_2422MHz |

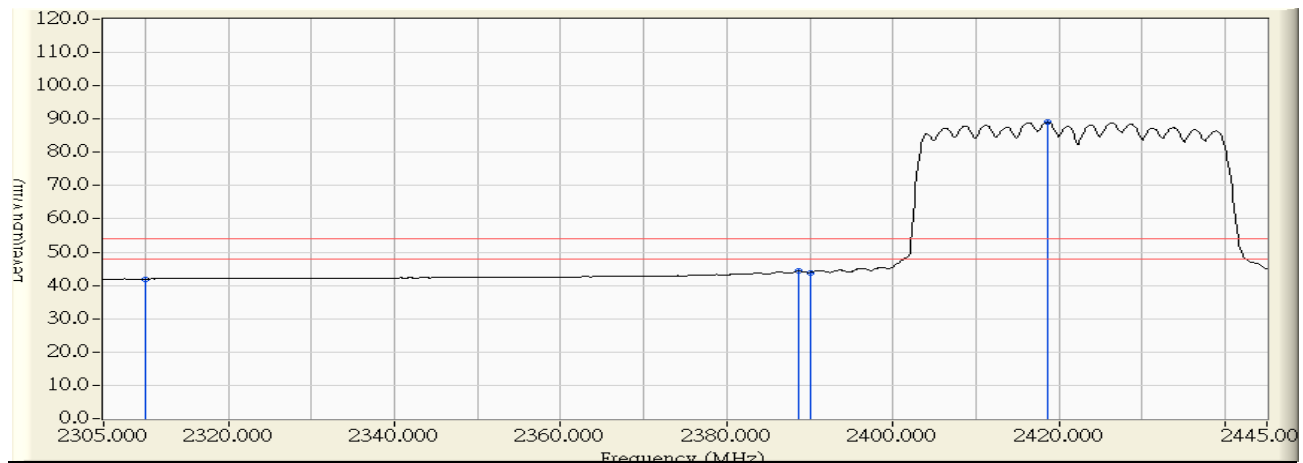


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 30.059                 | 24.017                  | 54.076                    | -19.924        | 74.000            | PEAK          |
| 2 |   | 2389.140           | 30.879                 | 26.407                  | 57.286                    | -16.714        | 74.000            | PEAK          |
| 3 |   | 2390.000           | 30.888                 | 25.506                  | 56.394                    | -17.606        | 74.000            | PEAK          |
| 4 | * | 2423.860           | 31.240                 | 69.479                  | 100.718                   | 26.718         | 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 : CB1                                     | Time : 2014/03/11 - 14:12                                                     |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(40M)_2422MHz |

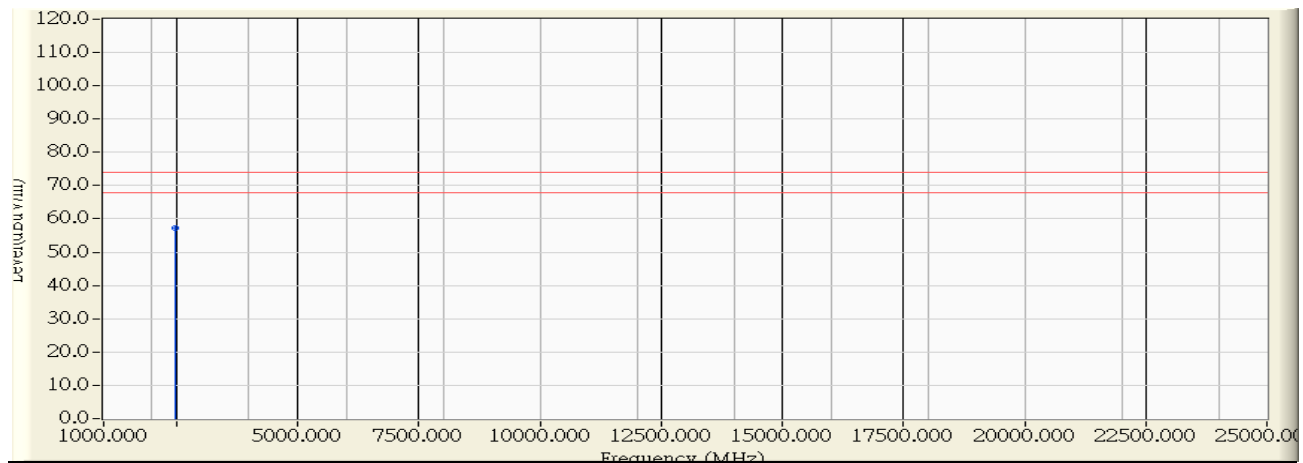


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 30.059                 | 11.902                  | 41.961                    | -12.039        | 54.000            | AVERAGE       |
| 2 |   | 2388.580           | 30.874                 | 13.402                  | 44.276                    | -9.724         | 54.000            | AVERAGE       |
| 3 |   | 2390.000           | 30.888                 | 13.001                  | 43.889                    | -10.111        | 54.000            | AVERAGE       |
| 4 | * | 2418.540           | 31.185                 | 57.822                  | 89.006                    | 35.006         | 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 : CB1                                     | Time : 2014/03/11 - 14:17                                                     |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(40M)_2422MHz |

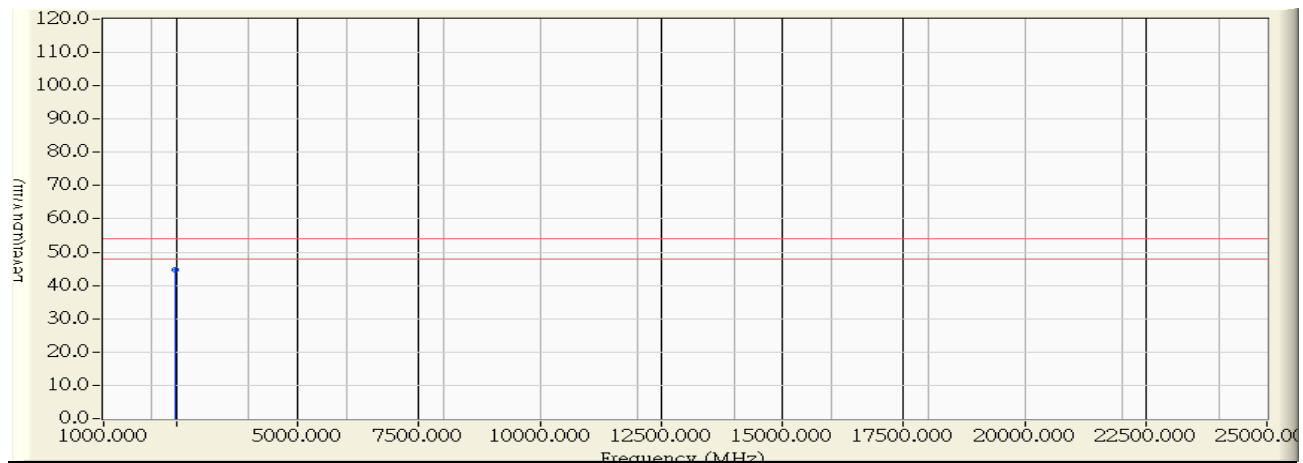


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2489.000           | 31.915                 | 25.250                  | 57.165                    | -16.835        | 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 : CB1                                     | Time : 2014/03/11 - 14:18                                                     |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,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 | * | 2490.000           | 31.925                 | 12.650                  | 44.575                    | -9.425         | 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 : CB1                                     | Time : 2014/02/13 - 14:47                                                     |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(40M)_2422MHz |

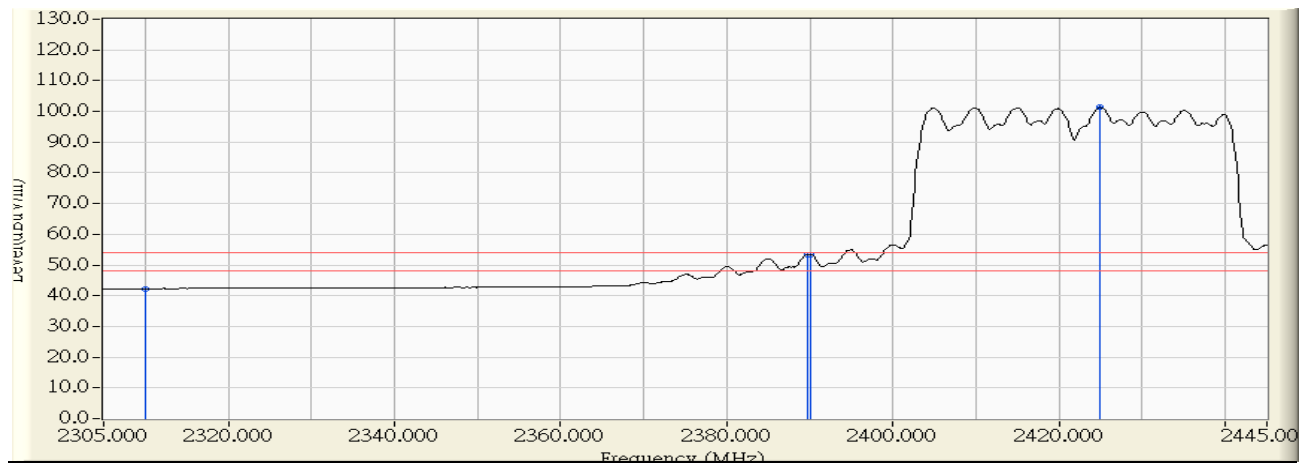


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 30.059                 | 23.669                  | 53.728                    | -20.272        | 74.000            | PEAK          |
| 2 |   | 2385.780           | 30.844                 | 37.591                  | 68.436                    | -5.564         | 74.000            | PEAK          |
| 3 |   | 2390.000           | 30.888                 | 36.810                  | 67.698                    | -6.302         | 74.000            | PEAK          |
| 4 | * | 2425.260           | 31.254                 | 81.572                  | 112.826                   | 38.826         | 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 : CB1                                     | Time : 2014/02/13 - 14:46                                                     |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(40M)_2422MHz |

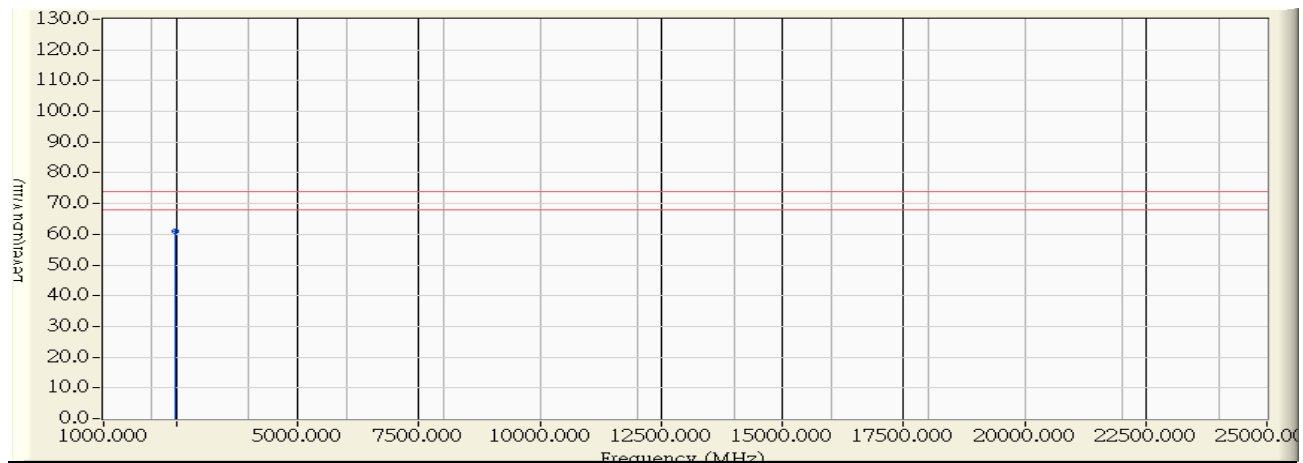


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 2310.000           | 30.059                 | 12.160                  | 42.219                    | -11.781        | 54.000            | AVERAGE       |
| 2 |   | 2389.700           | 30.885                 | 22.497                  | 53.382                    | -0.618         | 54.000            | AVERAGE       |
| 3 |   | 2390.000           | 30.888                 | 22.585                  | 53.473                    | -0.527         | 54.000            | AVERAGE       |
| 4 | * | 2424.840           | 31.250                 | 70.004                  | 101.254                   | 47.254         | 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 : CB1                                     | Time : 2014/02/13 - 14:51                                                     |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(40M)_2422MHz |

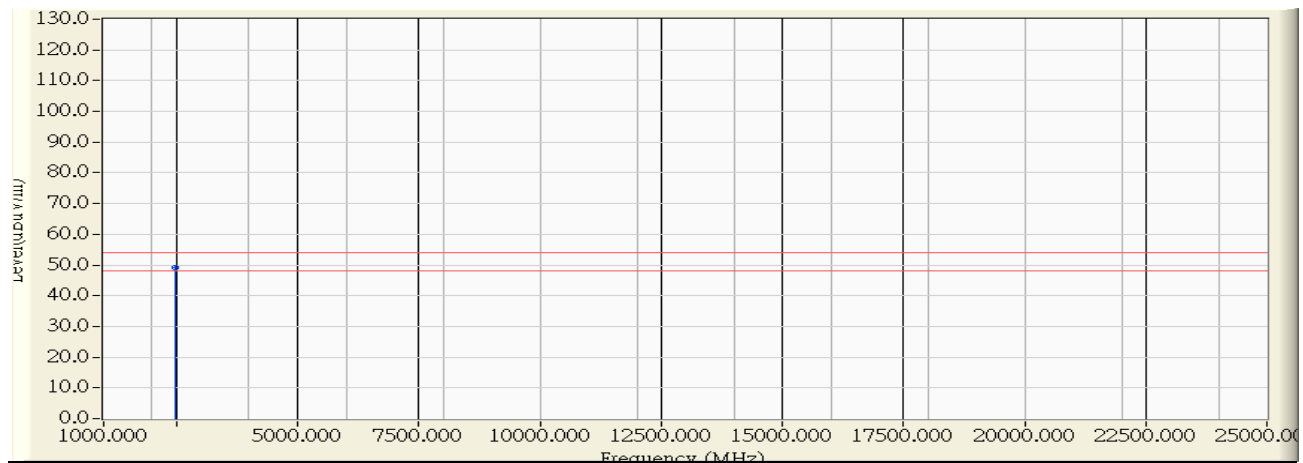


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2489.000           | 31.915                 | 29.210                  | 61.125                    | -12.875        | 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 : CB1                                     | Time : 2014/02/13 - 14:55                                                     |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(40M)_2422MHz |

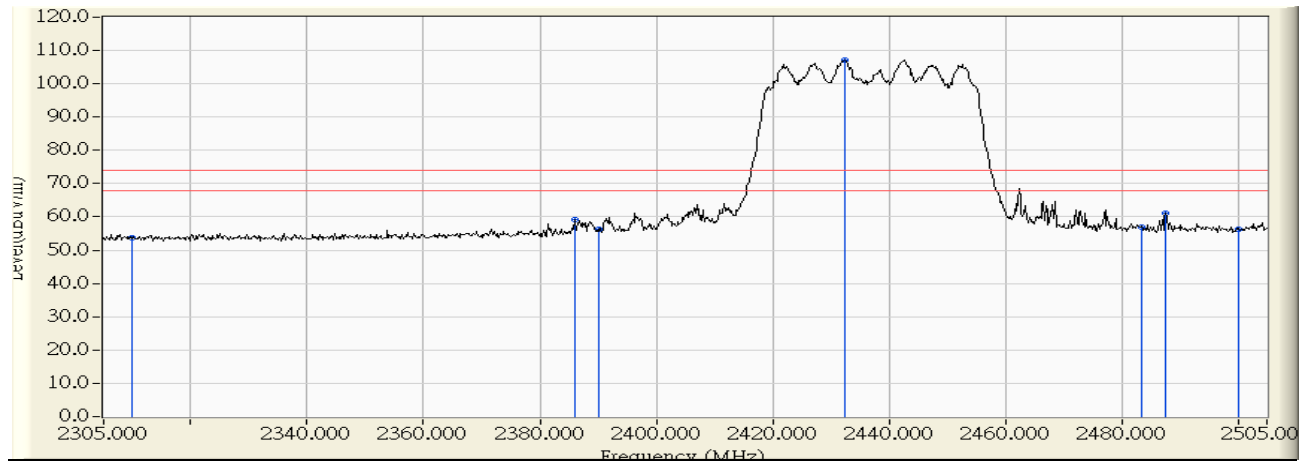


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2489.000           | 31.915                 | 17.110                  | 49.025                    | -4.975         | 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 : CB1                                     | Time : 2014/03/11 - 14:25                       |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                      |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : 802.11n(40MHz)_CDD_MCS0_2437MHz_Index=72 |

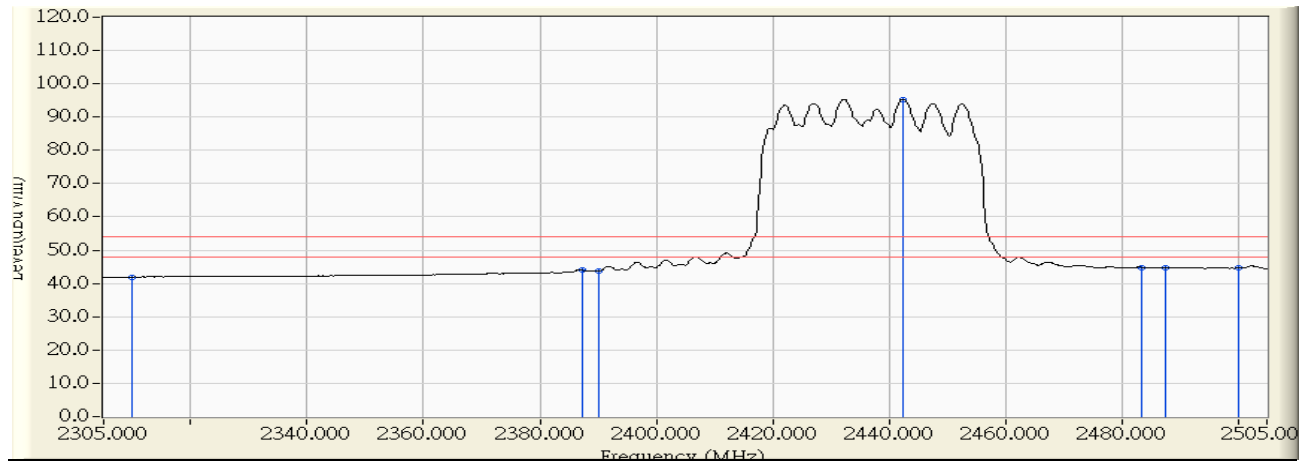


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 2310.000           | 30.059                 | 23.758                  | 53.817                    | -20.183        | 74.000            | PEAK          |
| 2 | 2386.000           | 30.847                 | 28.376                  | 59.223                    | -14.777        | 74.000            | PEAK          |
| 3 | 2390.000           | 30.888                 | 25.290                  | 56.178                    | -17.822        | 74.000            | PEAK          |
| 4 | * 2432.400         | 31.328                 | 75.950                  | 107.278                   | 33.278         | 74.000            | PEAK          |
| 5 | 2483.500           | 31.858                 | 24.994                  | 56.852                    | -17.148        | 74.000            | PEAK          |
| 6 | 2487.600           | 31.901                 | 29.263                  | 61.163                    | -12.837        | 74.000            | PEAK          |
| 7 | 2500.000           | 31.988                 | 24.225                  | 56.214                    | -17.786        | 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 : CB1                                     | Time : 2014/03/11 - 14:26                       |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                      |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : 802.11n(40MHz)_CDD_MCS0_2437MHz_Index=72 |

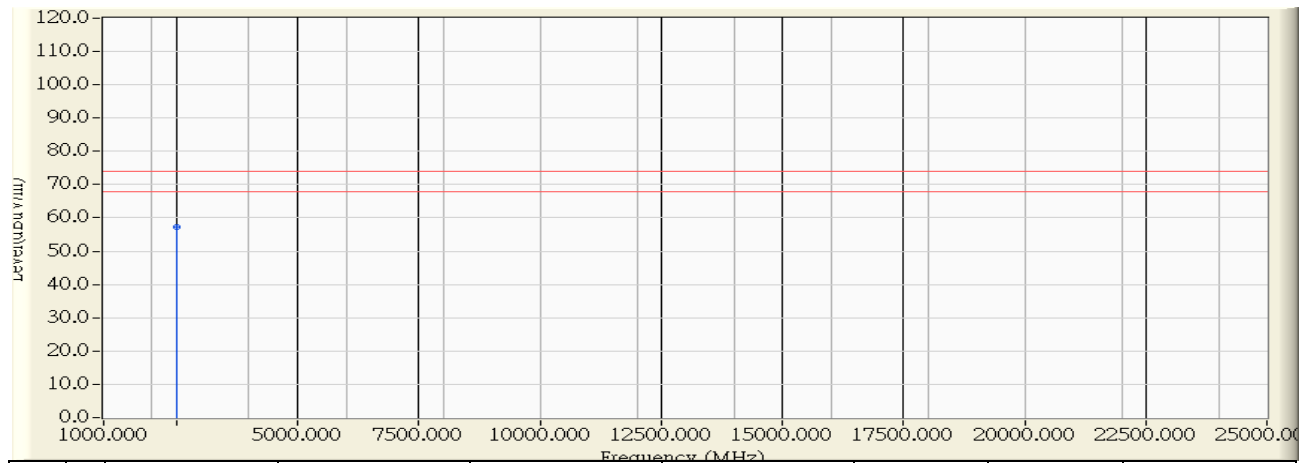


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 2310.000           | 30.059                 | 11.900                  | 41.959                    | -12.041        | 54.000            | AVERAGE       |
| 2 | 2387.200           | 30.859                 | 13.172                  | 44.031                    | -9.969         | 54.000            | AVERAGE       |
| 3 | 2390.000           | 30.888                 | 12.869                  | 43.757                    | -10.243        | 54.000            | AVERAGE       |
| 4 | * 2442.400         | 31.432                 | 63.951                  | 95.383                    | 41.383         | 54.000            | AVERAGE       |
| 5 | 2483.500           | 31.858                 | 12.962                  | 44.820                    | -9.180         | 54.000            | AVERAGE       |
| 6 | 2487.600           | 31.901                 | 12.873                  | 44.773                    | -9.227         | 54.000            | AVERAGE       |
| 7 | 2500.000           | 31.988                 | 12.624                  | 44.613                    | -9.387         | 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 : CB1                                     | Time : 2014/03/11 - 14:42                       |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                      |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : 802.11n(40MHz)_CDD_MCS0_2437MHz_Index=72 |

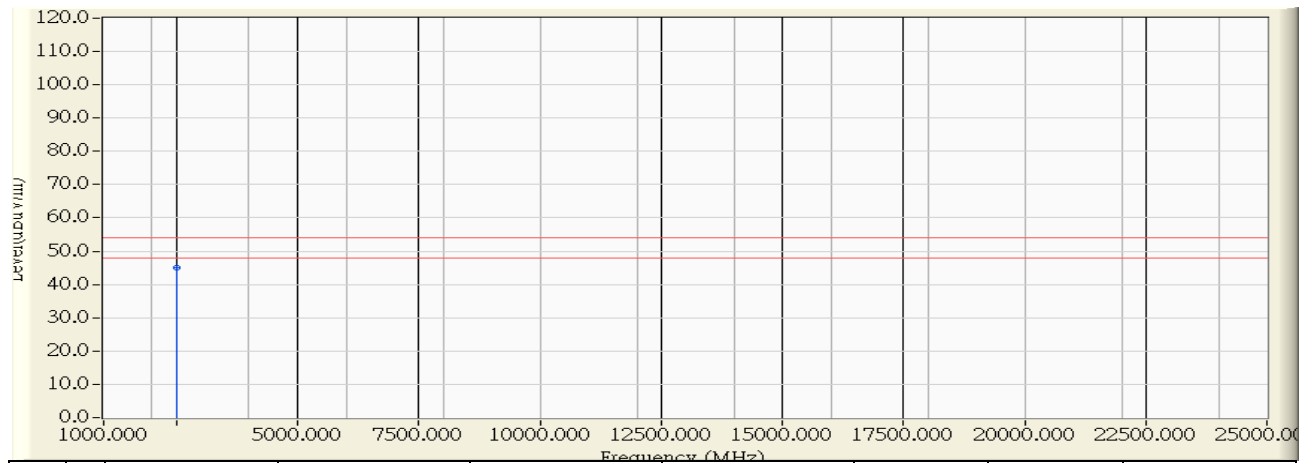


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2499.000           | 31.988                 | 25.430                  | 57.418                    | -16.582        | 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 : CB1                                     | Time : 2014/03/11 - 14:43                       |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                      |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : 802.11n(40MHz)_CDD_MCS0_2437MHz_Index=72 |

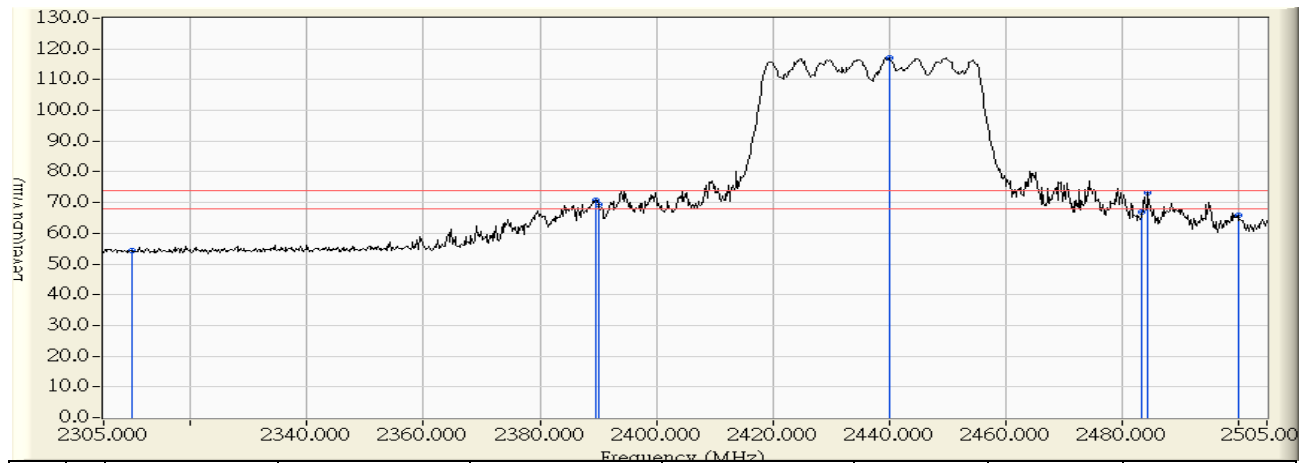


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2499.000           | 31.988                 | 13.107                  | 45.095                    | -8.905         | 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 : CB1                                     | Time : 2014/02/13 - 15:04                       |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                      |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                            |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : 802.11n(40MHz)_CDD_MCS0_2437MHz_Index=72 |

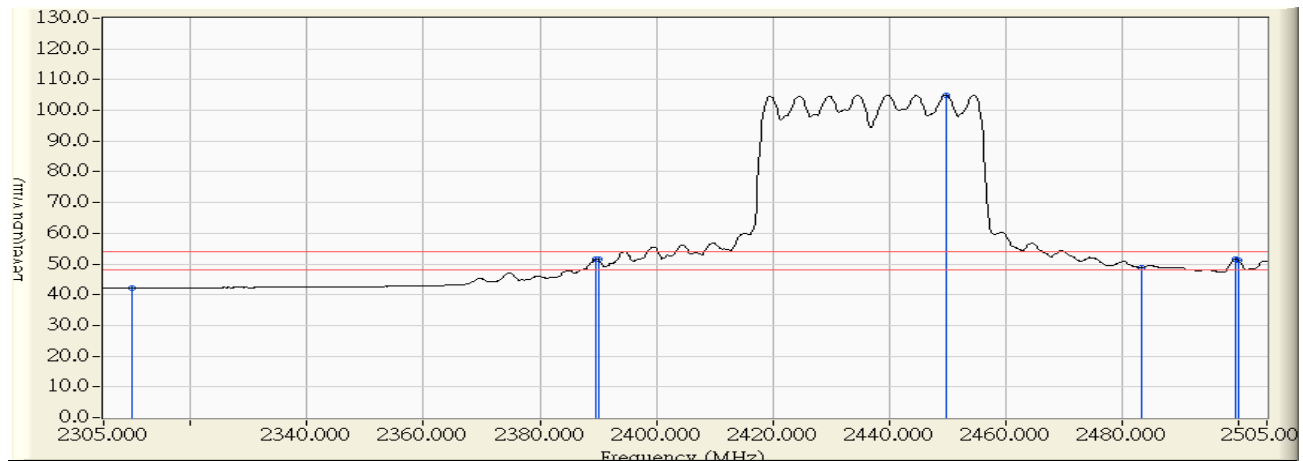


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 2310.000           | 30.059                 | 24.196                  | 54.255                    | -19.745        | 74.000            | PEAK          |
| 2 | 2389.600           | 30.884                 | 39.879                  | 70.763                    | -3.237         | 74.000            | PEAK          |
| 3 | 2390.000           | 30.888                 | 38.573                  | 69.461                    | -4.539         | 74.000            | PEAK          |
| 4 | * 2440.000         | 31.407                 | 85.726                  | 117.133                   | 43.133         | 74.000            | PEAK          |
| 5 | 2483.500           | 31.858                 | 34.921                  | 66.779                    | -7.221         | 74.000            | PEAK          |
| 6 | 2484.600           | 31.869                 | 41.247                  | 73.116                    | -0.884         | 74.000            | PEAK          |
| 7 | 2500.000           | 31.988                 | 33.952                  | 65.941                    | -8.059         | 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 : CB1                                     | Time : 2014/02/13 - 15:05                       |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                      |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                            |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : 802.11n(40MHz)_CDD_MCS0_2437MHz_Index=72 |

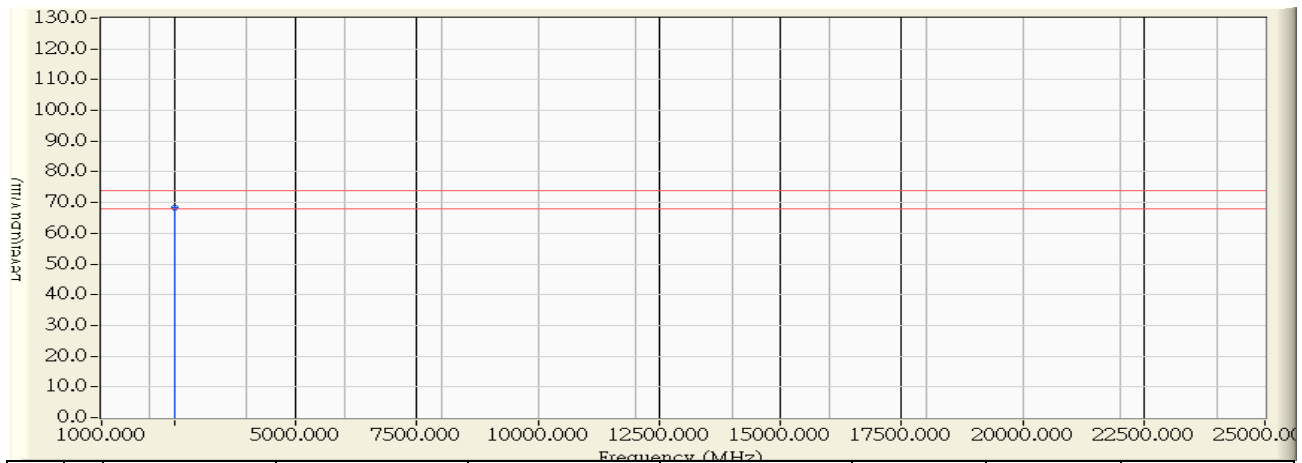


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 2310.000           | 30.059                 | 12.057                  | 42.116                    | -11.884        | 54.000            | AVERAGE       |
| 2 | 2389.600           | 30.884                 | 20.795                  | 51.679                    | -2.321         | 54.000            | AVERAGE       |
| 3 | 2390.000           | 30.888                 | 20.572                  | 51.460                    | -2.540         | 54.000            | AVERAGE       |
| 4 | * 2449.800         | 31.508                 | 73.539                  | 105.047                   | 51.047         | 54.000            | AVERAGE       |
| 5 | 2483.500           | 31.858                 | 16.999                  | 48.857                    | -5.143         | 54.000            | AVERAGE       |
| 6 | 2499.600           | 31.989                 | 19.664                  | 51.652                    | -2.348         | 54.000            | AVERAGE       |
| 7 | 2500.000           | 31.988                 | 19.346                  | 51.335                    | -2.665         | 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 : CB1                                     | Time : 2014/02/13 - 15:12                       |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                      |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                            |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : 802.11n(40MHz)_CDD_MCS0_2437MHz_Index=72 |

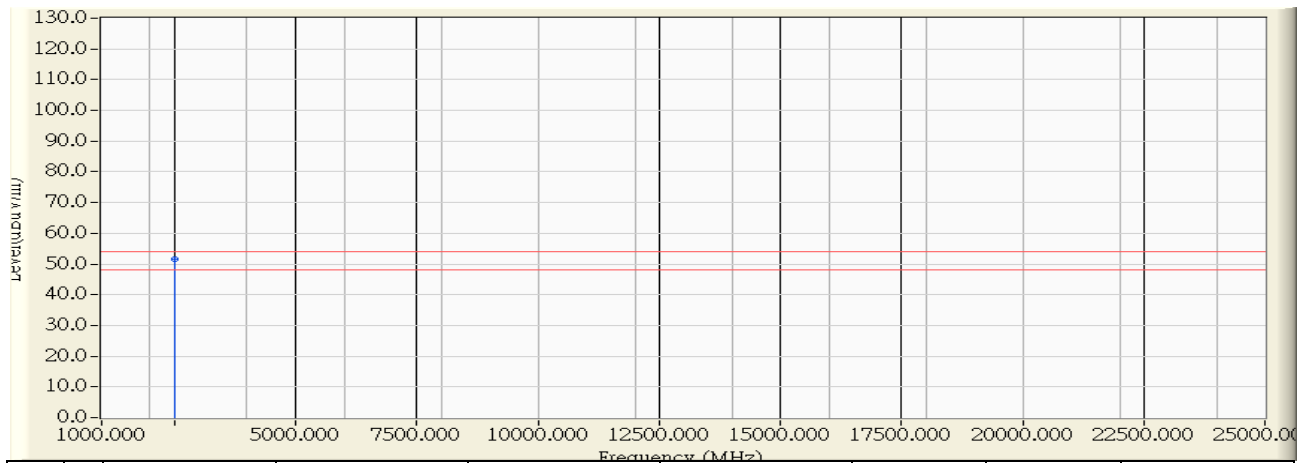


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2499.000           | 31.988                 | 36.340                  | 68.328                    | -5.672         | 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 : CB1                                     | Time : 2014/02/13 - 15:12                       |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                      |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                            |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : 802.11n(40MHz)_CDD_MCS0_2437MHz_Index=72 |

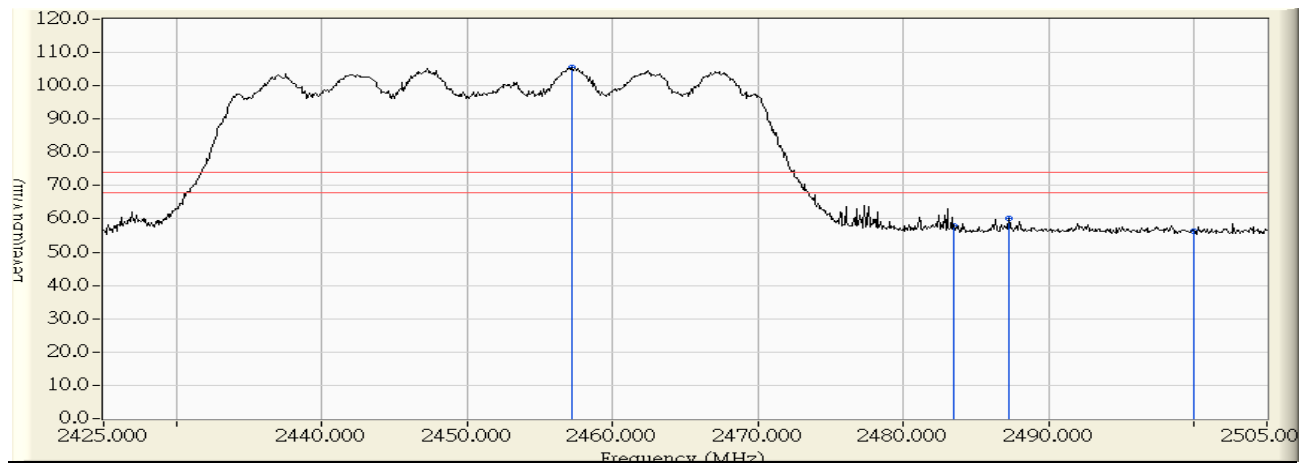


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2499.000           | 31.988                 | 19.530                  | 51.518                    | -2.482         | 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 : CB1                                     | Time : 2014/03/11 - 14:31                                                     |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(40M)_2452MHz |

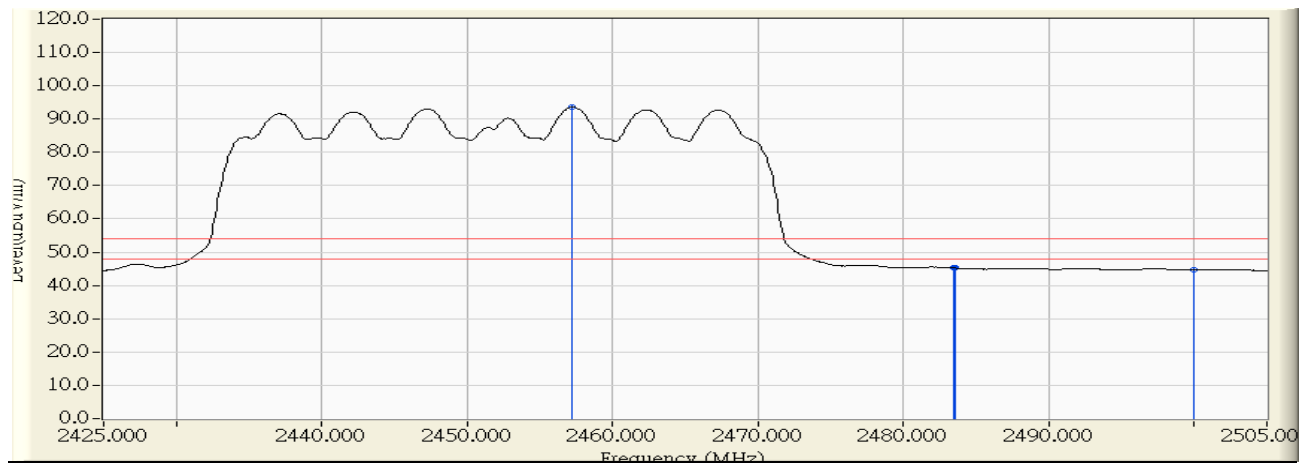


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2457.160           | 31.585                 | 73.788                  | 105.373                   | 31.373         | 74.000            | PEAK          |
| 2 |   | 2483.500           | 31.858                 | 25.917                  | 57.775                    | -16.225        | 74.000            | PEAK          |
| 3 |   | 2487.240           | 31.897                 | 28.351                  | 60.248                    | -13.752        | 74.000            | PEAK          |
| 4 |   | 2500.000           | 31.988                 | 24.462                  | 56.451                    | -17.549        | 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 : CB1                                     | Time : 2014/03/11 - 14:32                                                     |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(40M)_2452MHz |

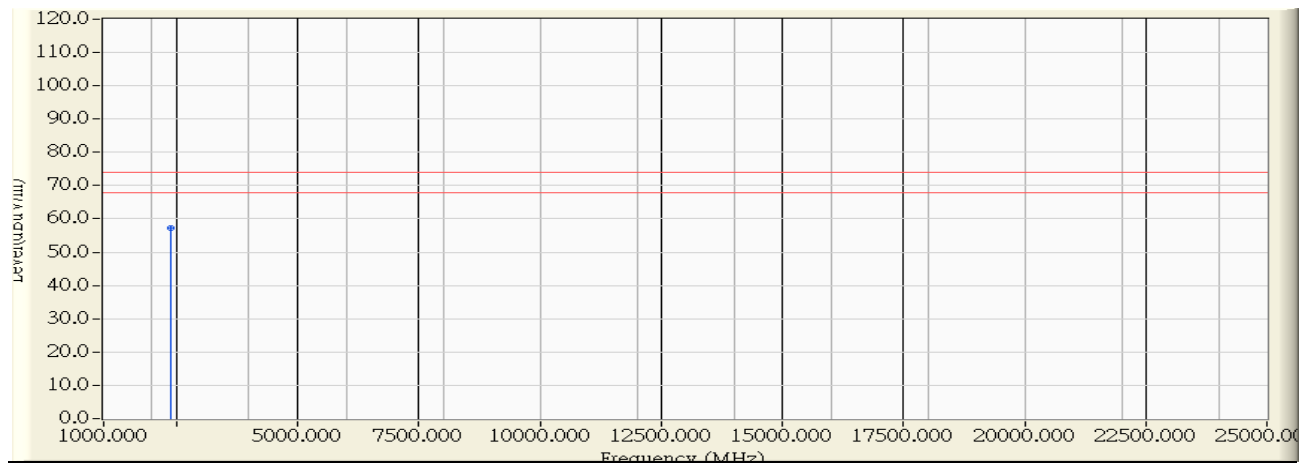


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2457.240           | 31.586                 | 61.973                  | 93.559                    | 39.559         | 54.000            | AVERAGE       |
| 2 |   | 2483.500           | 31.858                 | 13.355                  | 45.213                    | -8.787         | 54.000            | AVERAGE       |
| 3 |   | 2483.560           | 31.859                 | 13.345                  | 45.204                    | -8.796         | 54.000            | AVERAGE       |
| 4 |   | 2500.000           | 31.988                 | 12.658                  | 44.647                    | -9.353         | 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 : CB1                                     | Time : 2014/03/11 - 14:37                                                     |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(40M)_2452MHz |

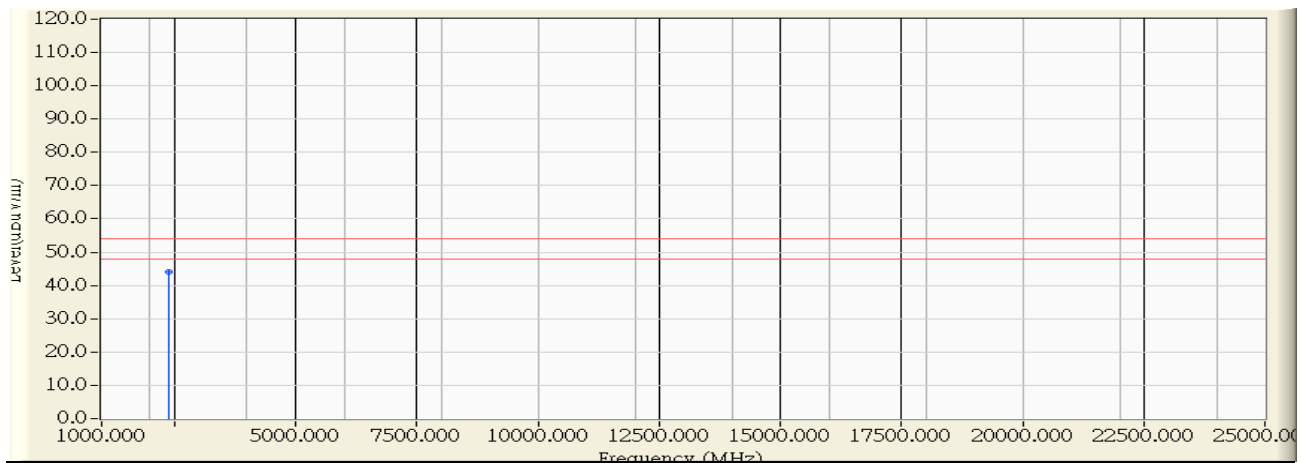


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2389.000           | 30.878                 | 26.490                  | 57.368                    | -16.632        | 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 : CB1                                     | Time : 2014/03/11 - 14:38                                                     |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V / 60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(40M)_2452MHz |

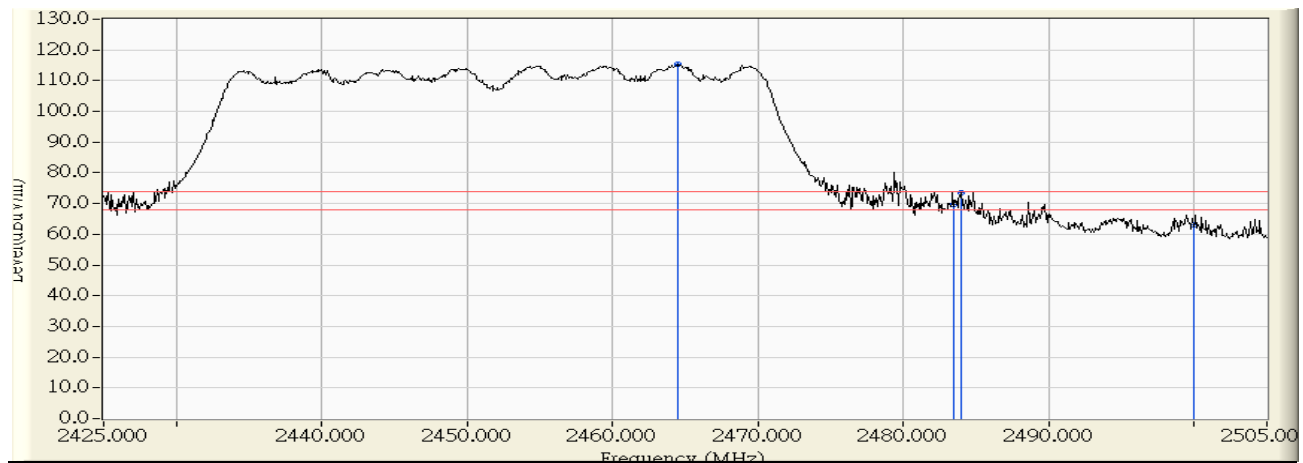


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2389.000           | 30.878                 | 13.340                  | 44.218                    | -9.782         | 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 : CB1                                     | Time : 2014/02/13 - 15:19                                                     |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(40M)_2452MHz |

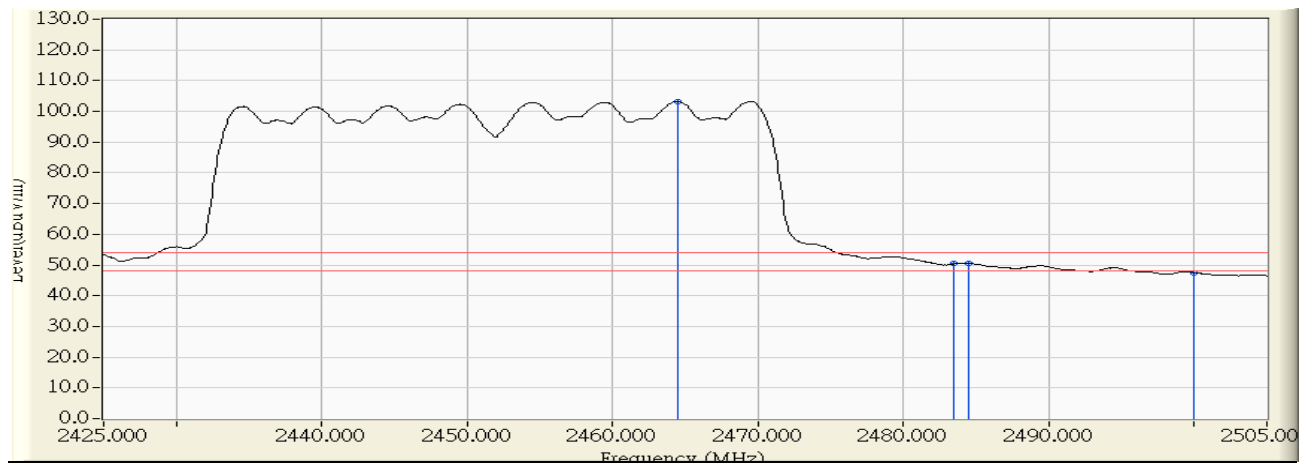


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2464.440           | 31.660                 | 83.616                  | 115.276                   | 41.276         | 74.000            | PEAK          |
| 2 |   | 2483.500           | 31.858                 | 37.759                  | 69.617                    | -4.383         | 74.000            | PEAK          |
| 3 |   | 2483.960           | 31.862                 | 41.751                  | 73.614                    | -0.386         | 74.000            | PEAK          |
| 4 |   | 2500.000           | 31.988                 | 31.043                  | 63.032                    | -10.968        | 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 : CB1                                     | Time : 2014/02/13 - 15:20                                                     |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(40M)_2452MHz |

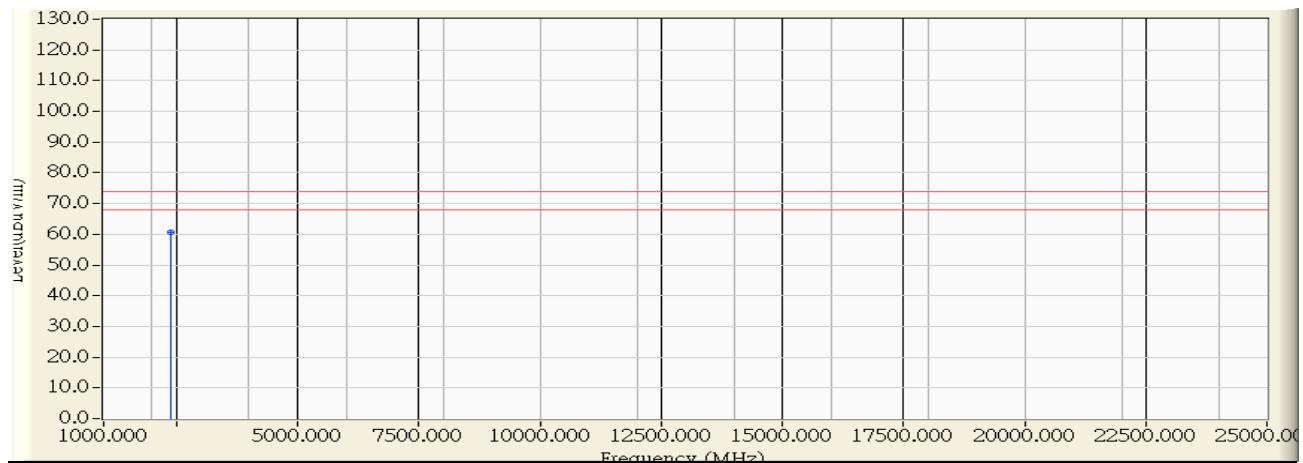


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2464.440           | 31.660                 | 71.512                  | 103.172                   | 49.172         | 54.000            | AVERAGE       |
| 2 |   | 2483.500           | 31.858                 | 18.521                  | 50.379                    | -3.621         | 54.000            | AVERAGE       |
| 3 |   | 2484.440           | 31.868                 | 18.792                  | 50.660                    | -3.340         | 54.000            | AVERAGE       |
| 4 |   | 2500.000           | 31.988                 | 15.545                  | 47.534                    | -6.466         | 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 : CB1                                     | Time : 2014/02/13 - 15:23                                                     |
| Limit : FCC_SpartC_15.209_03M_PK               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(40M)_2452MHz |

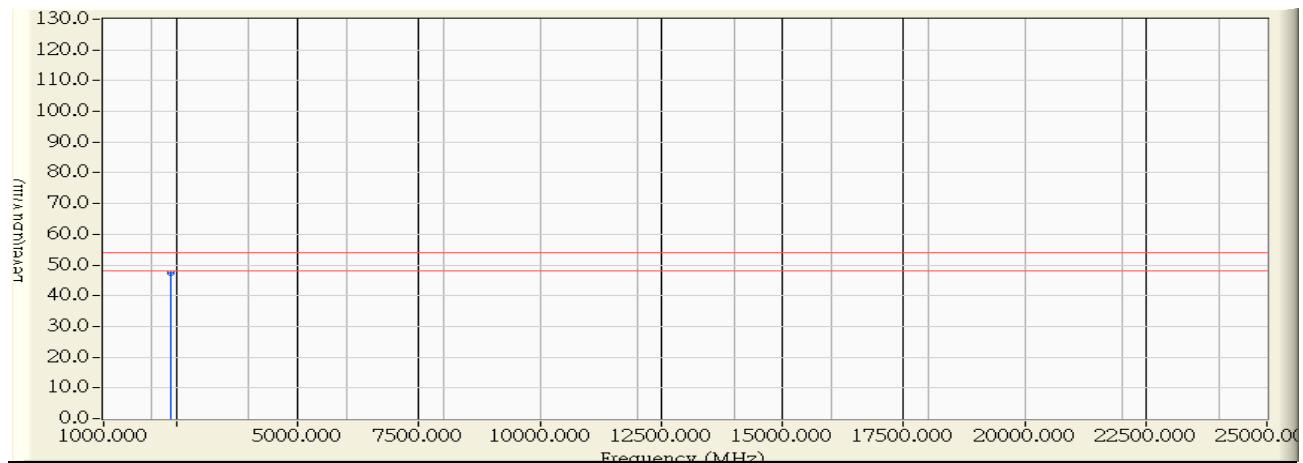


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2389.000           | 30.878                 | 29.810                  | 60.688                    | -13.312        | 74.000            | PEAK          |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : CB1                                     | Time : 2014/02/13 - 15:24                                                     |
| Limit : FCC_SpartC_15.209_03M_AV               | Margin : 6                                                                    |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                          |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH,802.11n(40M)_2452MHz |

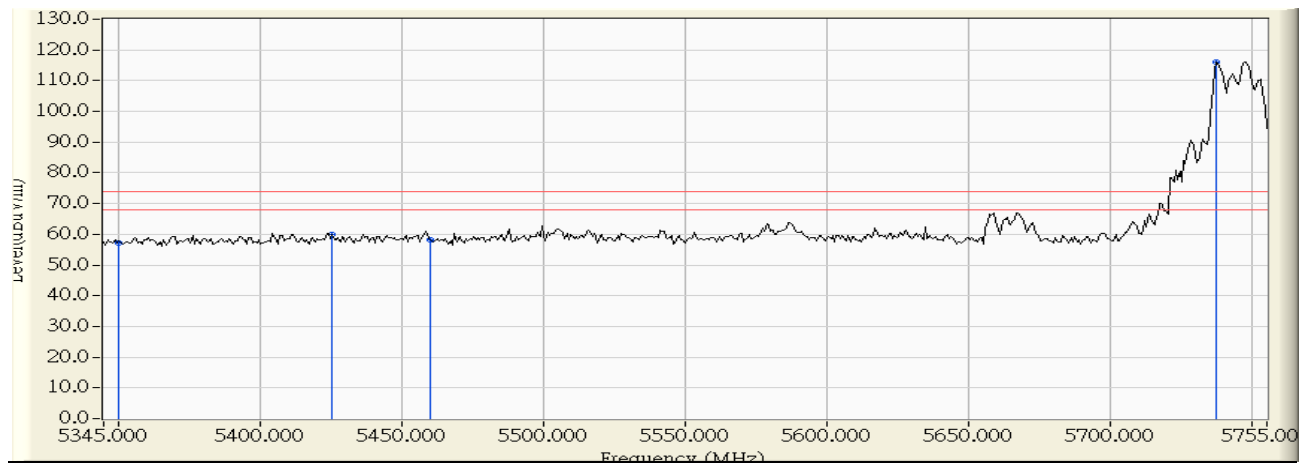


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 2389.000           | 30.878                 | 16.590                  | 47.468                    | -6.532         | 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 : CB1                                     | Time : 2013/08/27 - 13:13                                                |
| Limit : FCC_SpartC_15.247_H_03M_PK             | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11a 5745MHz |

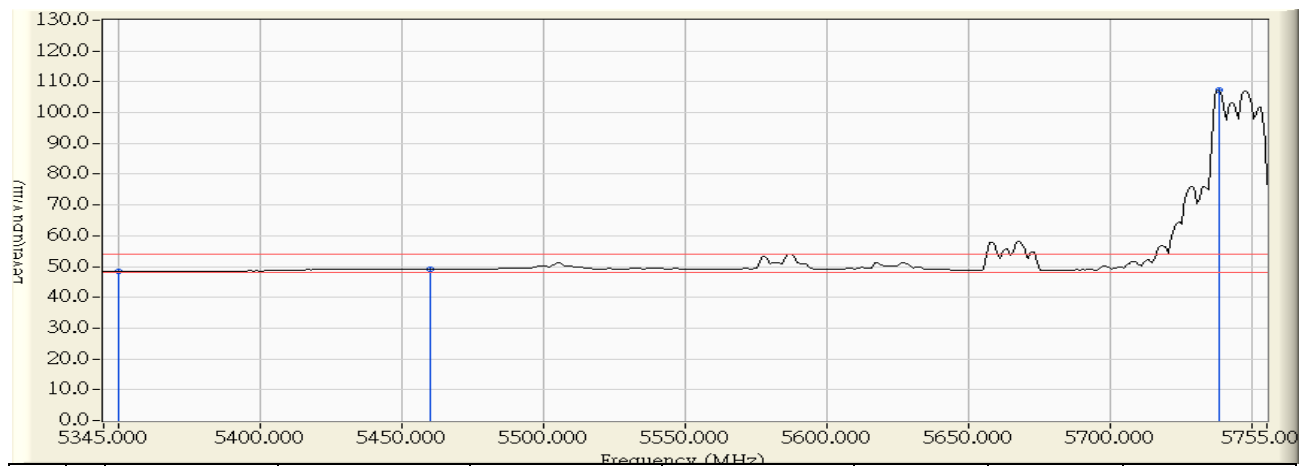


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 2.526                  | 54.797                  | 57.323                    | -16.677        | 74.000            | PEAK          |
| 2 |   | 5425.633           | 3.113                  | 56.745                  | 59.858                    | -14.142        | 74.000            | PEAK          |
| 3 |   | 5460.000           | 3.379                  | 54.996                  | 58.375                    | -15.625        | 74.000            | PEAK          |
| 4 | * | 5737.233           | 2.773                  | 113.458                 | 116.232                   | 42.232         | 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 : CB1                                     | Time : 2013/08/27 - 13:14                                                 |
| Limit : FCC_SpartC_15.247_H_03M_AV             | Margin : 6                                                                |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V/60Hz                                                      |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode) _Adapter:<br>EXA1206UH-802.11a 5745MHz |

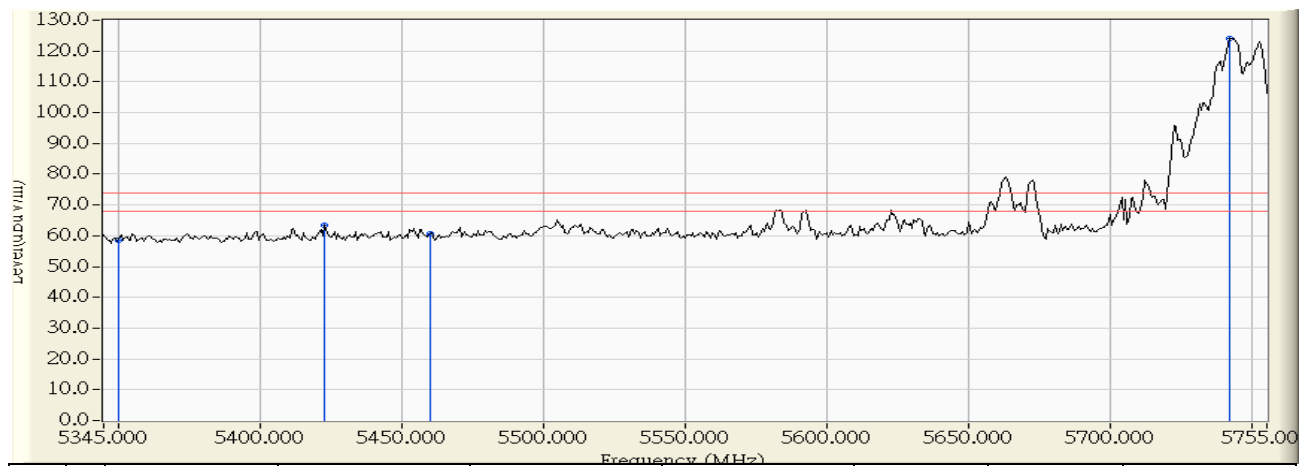


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 2.526                  | 45.865                  | 48.391                    | -5.609         | 54.000            | AVERAGE       |
| 2 |   | 5460.000           | 3.379                  | 45.752                  | 49.131                    | -4.869         | 54.000            | AVERAGE       |
| 3 | * | 5737.917           | 2.771                  | 104.419                 | 107.190                   | 53.190         | 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 : CB1                                     | Time : 2013/08/27 - 13:09                                                 |
| Limit : FCC_SpartC_15.247_H_03M_PK             | Margin : 6                                                                |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                      |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode) _Adapter:<br>EXA1206UH-802.11a 5745MHz |

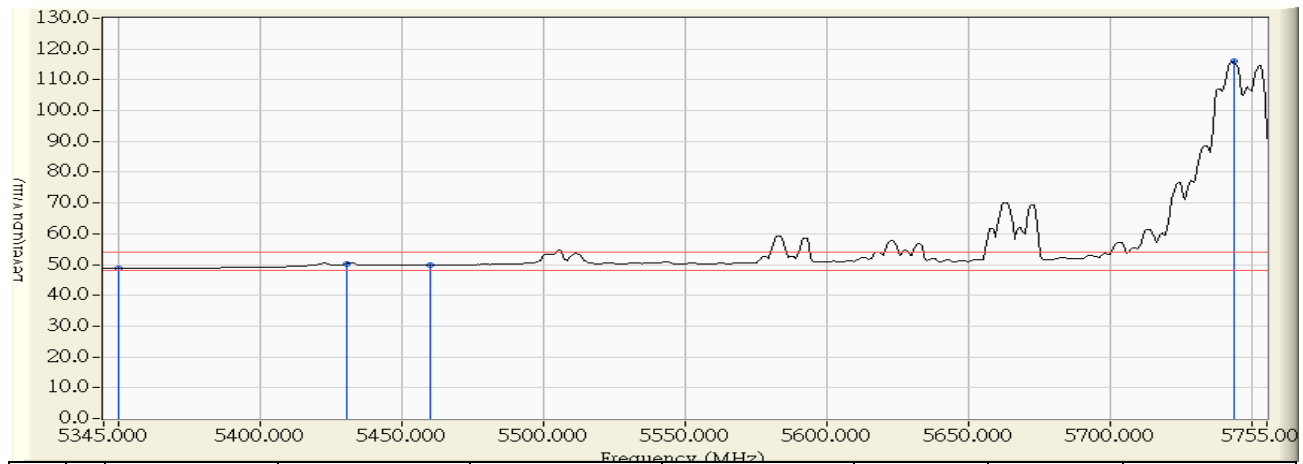


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 2.526                  | 56.054                  | 58.580                    | -15.420        | 74.000            | PEAK          |
| 2 |   | 5422.900           | 3.091                  | 60.402                  | 63.494                    | -10.506        | 74.000            | PEAK          |
| 3 |   | 5460.000           | 3.379                  | 57.242                  | 60.621                    | -13.379        | 74.000            | PEAK          |
| 4 | * | 5742.017           | 2.755                  | 121.430                 | 124.185                   | 50.185         | 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 : CB1                                     | Time : 2013/08/27 - 13:10                                                 |
| Limit : FCC_SpartC_15.247_H_03M_AV             | Margin : 6                                                                |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                      |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode) _Adapter:<br>EXA1206UH-802.11a 5745MHz |

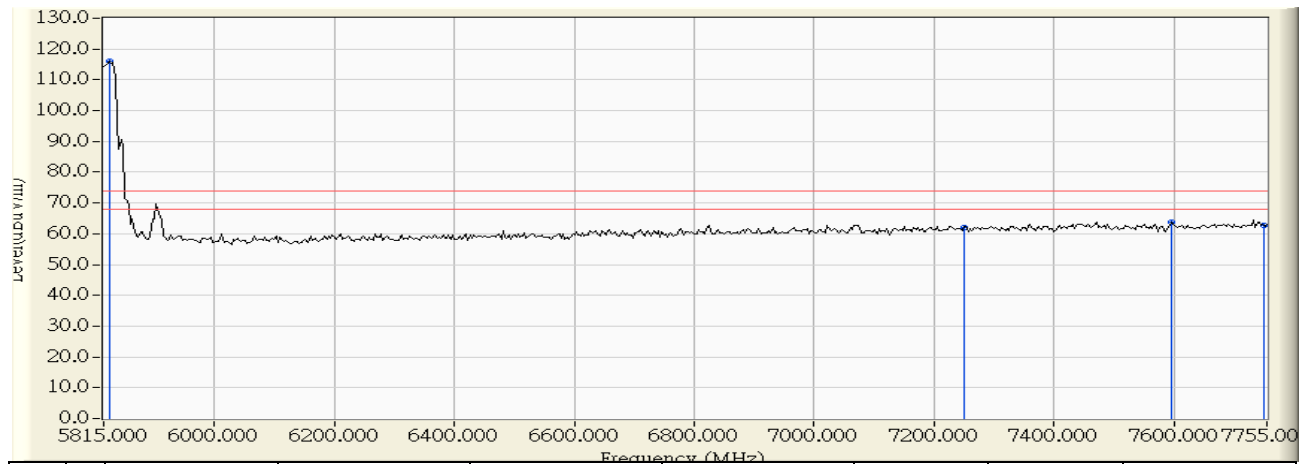


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 2.526                  | 46.286                  | 48.812                    | -5.188         | 54.000            | AVERAGE       |
| 2 |   | 5430.417           | 3.150                  | 47.100                  | 50.250                    | -3.750         | 54.000            | AVERAGE       |
| 3 |   | 5460.000           | 3.379                  | 46.493                  | 49.872                    | -4.128         | 54.000            | AVERAGE       |
| 4 | * | 5743.383           | 2.749                  | 113.136                 | 115.886                   | 61.886         | 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 : CB1                                     | Time : 2013/08/27 - 13:16                                                |
| Limit : FCC_SpartC_15.247_H_03M_PK             | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11a 5825MHz |

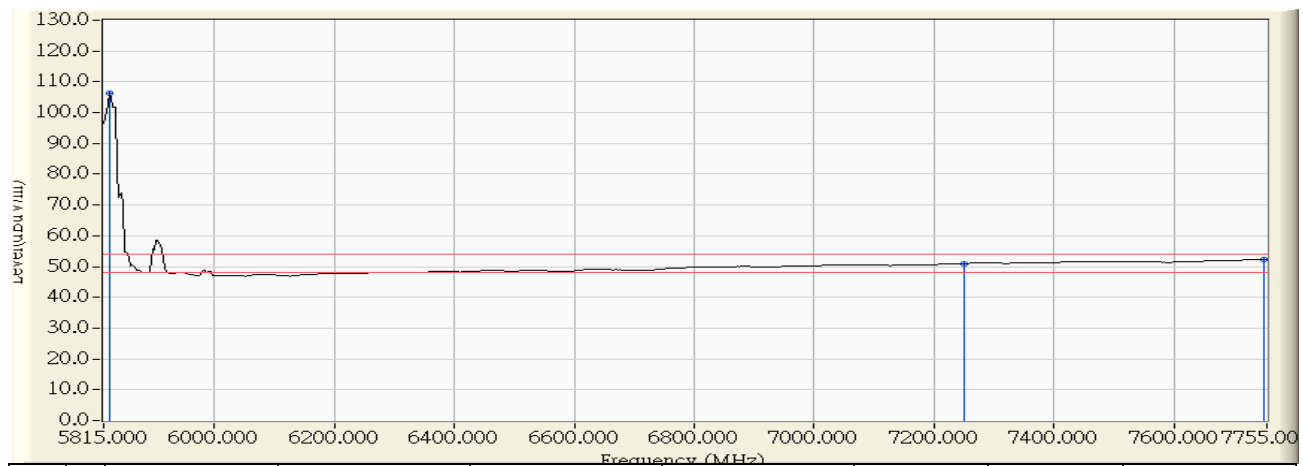


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5824.700           | 2.436                  | 113.646                 | 116.082                   | 42.082         | 74.000            | PEAK          |
| 2 |   | 7250.000           | 5.476                  | 56.717                  | 62.193                    | -11.807        | 74.000            | PEAK          |
| 3 |   | 7596.567           | 6.182                  | 57.638                  | 63.820                    | -10.180        | 74.000            | PEAK          |
| 4 |   | 7750.000           | 6.446                  | 56.378                  | 62.824                    | -11.176        | 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 : CB1                                     | Time : 2013/08/27 - 13:20                                                 |
| Limit : FCC_SpartC_15.247_H_03M_AV             | Margin : 6                                                                |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V/60Hz                                                      |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode) _Adapter:<br>EXA1206UH-802.11a 5825MHz |

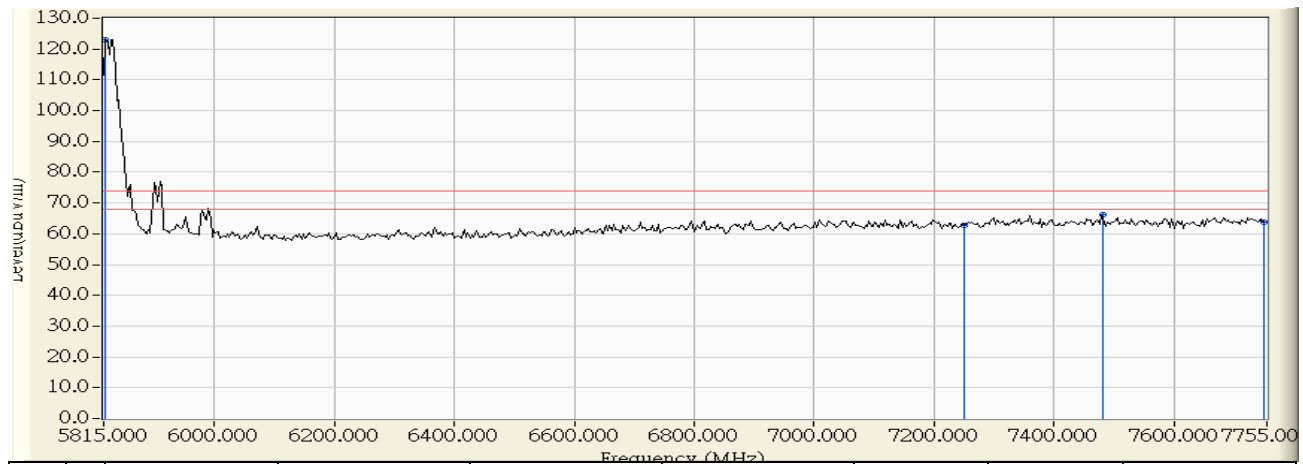


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5824.700           | 2.436                  | 103.703                 | 106.139                   | 52.139         | 54.000            | AVERAGE       |
| 2 |   | 7250.000           | 5.476                  | 45.394                  | 50.870                    | -3.130         | 54.000            | AVERAGE       |
| 3 |   | 7750.000           | 6.446                  | 45.780                  | 52.226                    | -1.774         | 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 : CB1                                     | Time : 2013/08/27 - 13:26                                                |
| Limit : FCC_SpartC_15.247_H_03M_PK             | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11a 5825MHz |

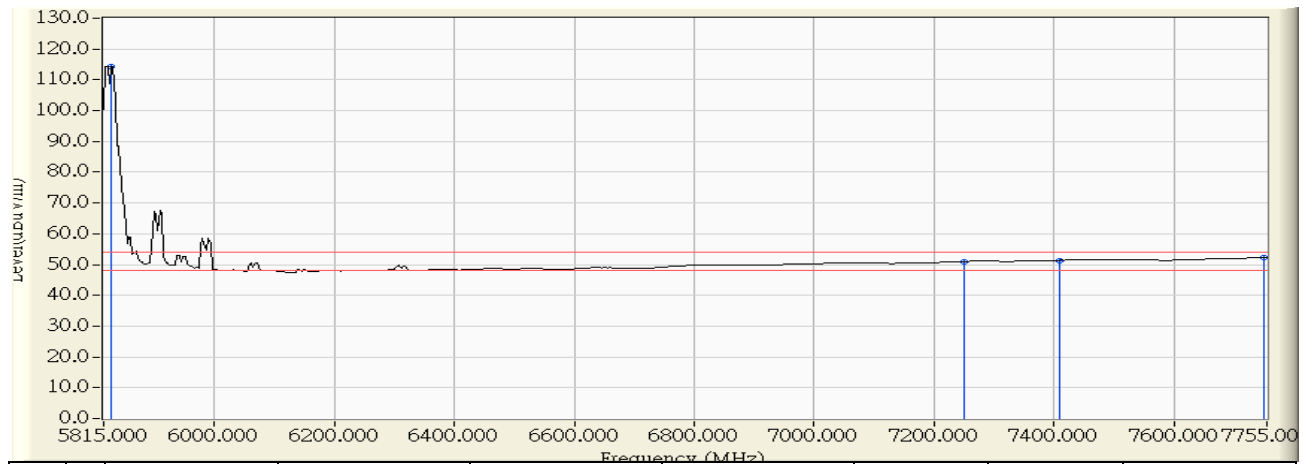


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5818.233           | 2.461                  | 120.615                 | 123.076                   | 49.076         | 74.000            | PEAK          |
| 2 |   | 7250.000           | 5.476                  | 57.408                  | 62.884                    | -11.116        | 74.000            | PEAK          |
| 3 |   | 7480.167           | 5.973                  | 60.229                  | 66.202                    | -7.798         | 74.000            | PEAK          |
| 4 |   | 7750.000           | 6.446                  | 57.448                  | 63.894                    | -10.106        | 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 : CB1                                     | Time : 2013/08/27 - 13:28                                                |
| Limit : FCC_SpartC_15.247_H_03M_AV             | Margin : 6                                                               |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                     |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11a 5825MHz |

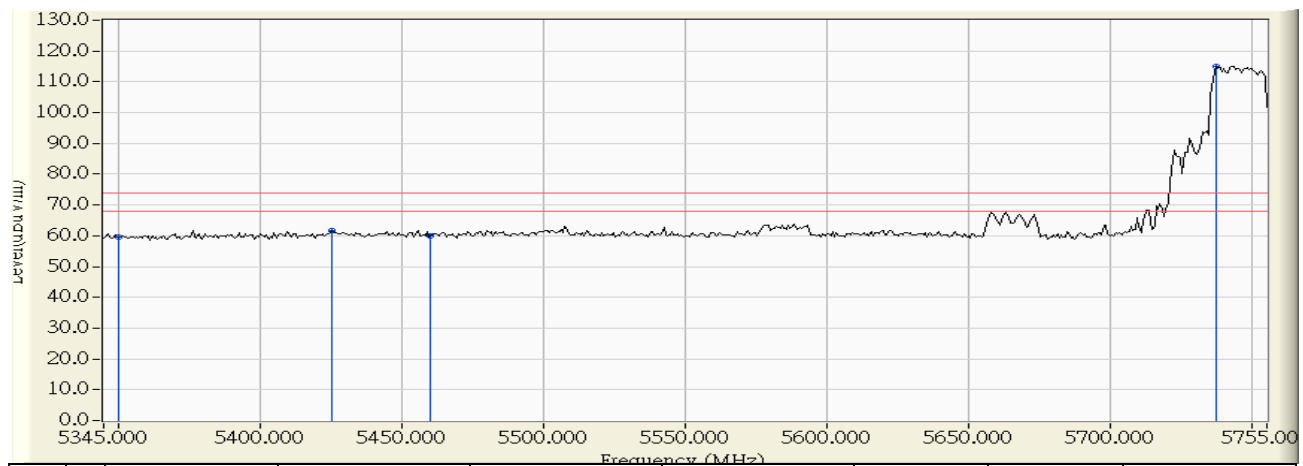


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5827.933           | 2.424                  | 112.052                 | 114.476                   | 60.476         | 54.000            | AVERAGE       |
| 2 |   | 7250.000           | 5.476                  | 45.379                  | 50.855                    | -3.145         | 54.000            | AVERAGE       |
| 3 |   | 7409.033           | 5.819                  | 45.513                  | 51.333                    | -2.667         | 54.000            | AVERAGE       |
| 4 |   | 7750.000           | 6.446                  | 45.724                  | 52.170                    | -1.830         | 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 : CB1                                     | Time : 2013/08/27 - 13:35                                                  |
| Limit : FCC_SpartC_15.247_H_03M_PK             | Margin : 6                                                                 |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V/60Hz                                                       |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11n20 5745MHz |

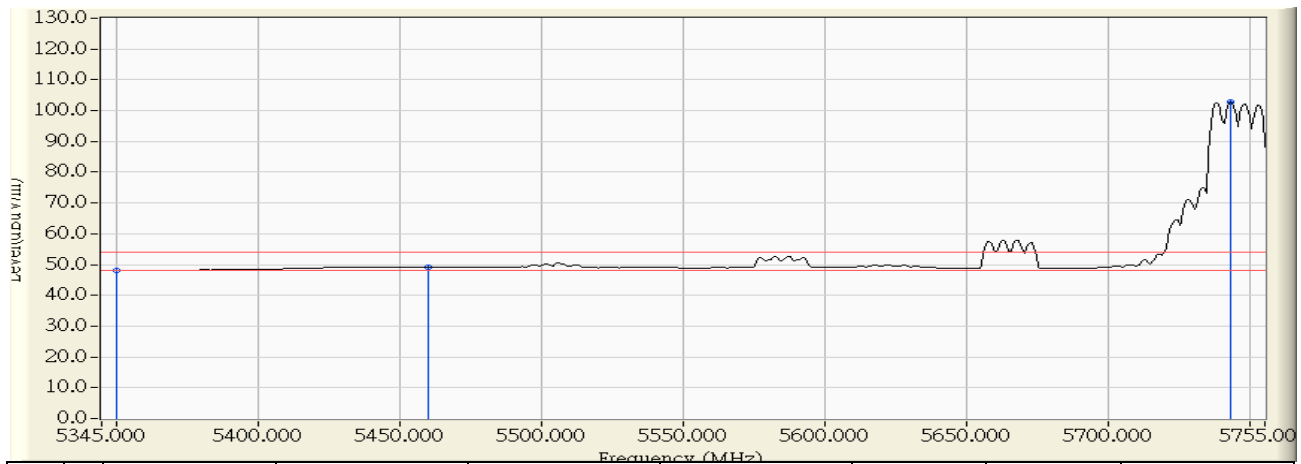


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 2.526                  | 56.984                  | 59.510                    | -14.490        | 74.000            | PEAK          |
| 2 |   | 5425.633           | 3.113                  | 58.520                  | 61.633                    | -12.367        | 74.000            | PEAK          |
| 3 |   | 5460.000           | 3.379                  | 56.497                  | 59.876                    | -14.124        | 74.000            | PEAK          |
| 4 | * | 5737.233           | 2.773                  | 112.365                 | 115.139                   | 41.139         | 74.000            | PEAK          |

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : CB1                                     | Time : 2013/08/27 - 13:41                                                  |
| Limit : FCC_SpartC_15.247_H_03M_AV             | Margin : 6                                                                 |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V/60Hz                                                       |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11n20 5745MHz |

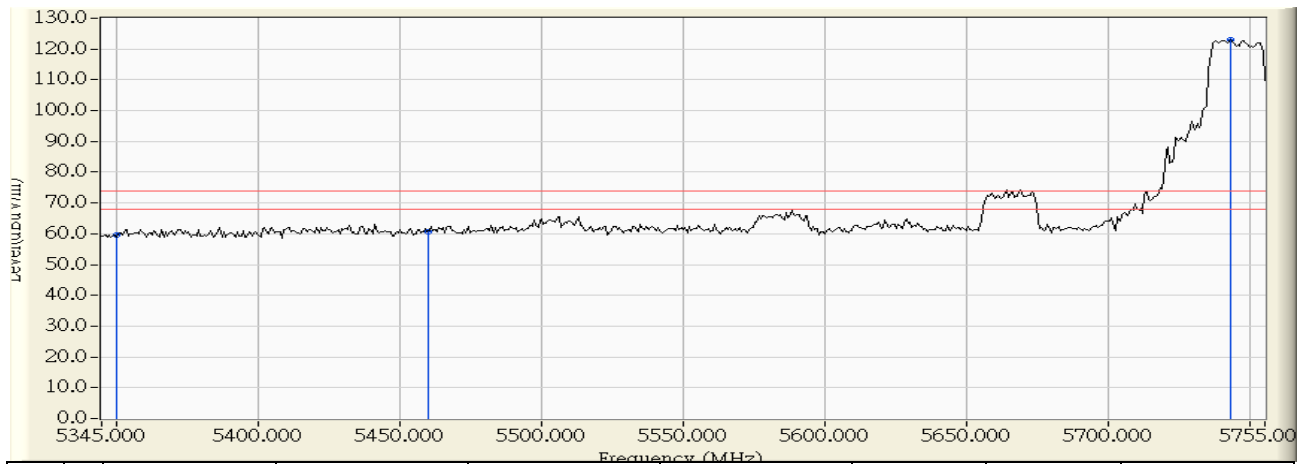


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 2.526                  | 45.725                  | 48.251                    | -5.749         | 54.000            | AVERAGE       |
| 2 |   | 5460.000           | 3.379                  | 45.690                  | 49.069                    | -4.931         | 54.000            | AVERAGE       |
| 3 | * | 5742.700           | 2.752                  | 99.902                  | 102.654                   | 48.654         | 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 : CB1                                     | Time : 2013/08/27 - 13:32                                                   |
| Limit : FCC_SpartC_15.247_H_03M_PK             | Margin : 6                                                                  |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode) _Adapter:<br>EXA1206UH-802.11n20 5745MHz |

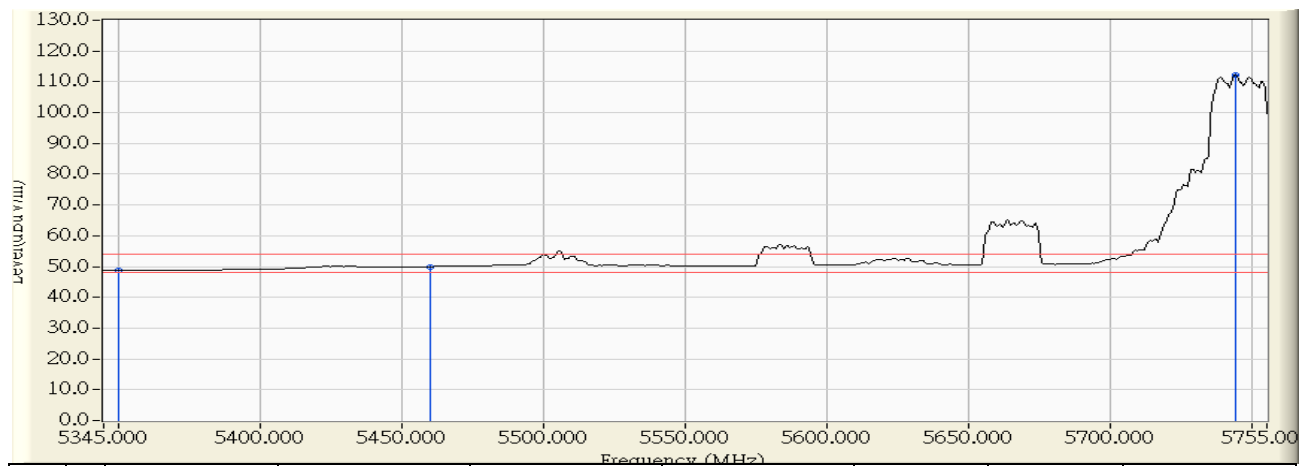


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 2.526                  | 57.001                  | 59.527                    | -14.473        | 74.000            | PEAK          |
| 2 |   | 5460.000           | 3.379                  | 57.382                  | 60.761                    | -13.239        | 74.000            | PEAK          |
| 3 | * | 5742.700           | 2.752                  | 120.255                 | 123.007                   | 49.007         | 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 : CB1                                     | Time : 2013/08/27 - 13:32                                                  |
| Limit : FCC_SpartC_15.247_H_03M_AV             | Margin : 6                                                                 |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                       |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11n20 5745MHz |

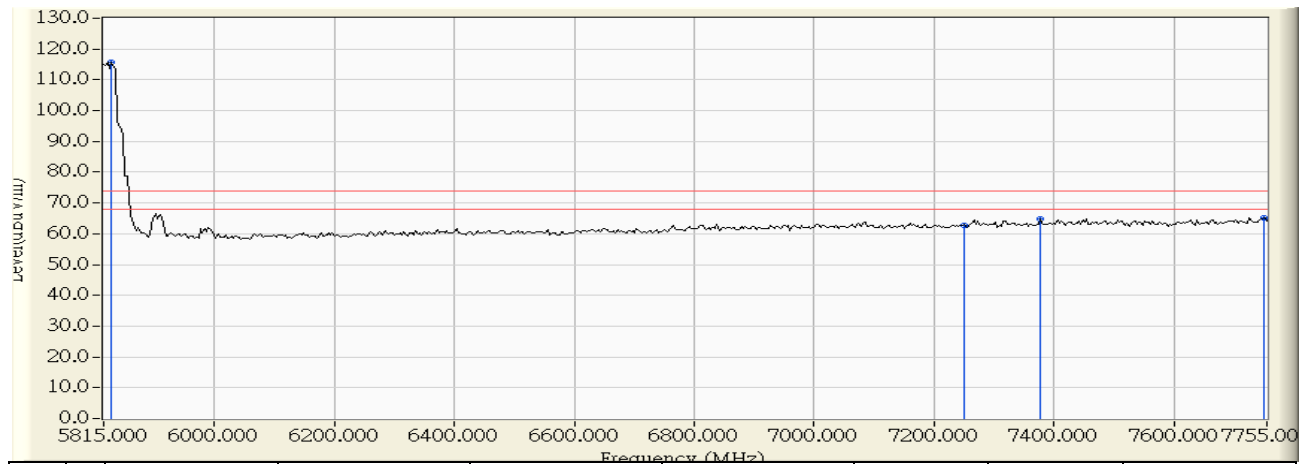


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 2.526                  | 46.243                  | 48.769                    | -5.231         | 54.000            | AVERAGE       |
| 2 |   | 5460.000           | 3.379                  | 46.567                  | 49.946                    | -4.054         | 54.000            | AVERAGE       |
| 3 | * | 5744.067           | 2.747                  | 109.426                 | 112.173                   | 58.173         | 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 : CB1                                     | Time : 2013/08/27 - 13:37                                                  |
| Limit : FCC_SpartC_15.247_H_03M_PK             | Margin : 6                                                                 |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V/60Hz                                                       |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11n20 5825MHz |

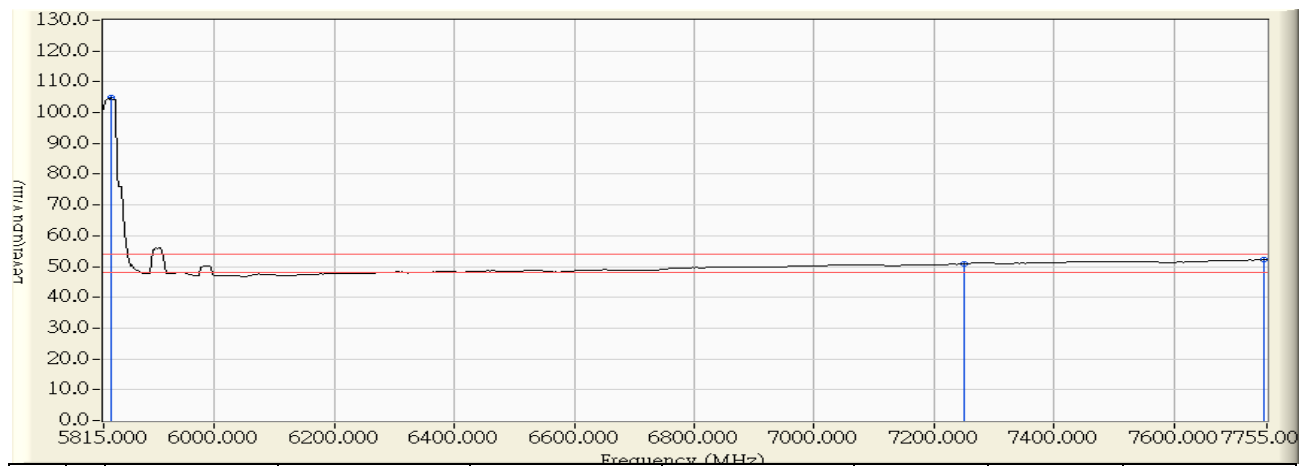


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5827.933           | 2.424                  | 113.179                 | 115.603                   | 41.603         | 74.000            | PEAK          |
| 2 |   | 7250.000           | 5.476                  | 57.409                  | 62.885                    | -11.115        | 74.000            | PEAK          |
| 3 |   | 7376.700           | 5.750                  | 58.937                  | 64.687                    | -9.313         | 74.000            | PEAK          |
| 4 |   | 7750.000           | 6.446                  | 58.582                  | 65.028                    | -8.972         | 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 : CB1                                     | Time : 2013/08/27 - 13:40                                                  |
| Limit : FCC_SpartC_15.247_H_03M_AV             | Margin : 6                                                                 |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V/60Hz                                                       |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11n20 5825MHz |

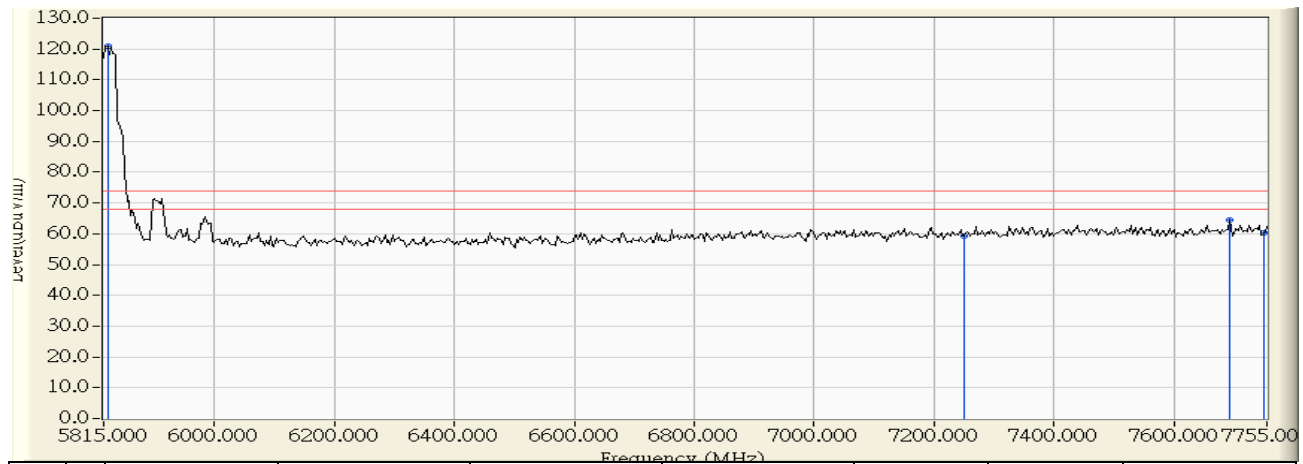


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5827.933           | 2.424                  | 102.377                 | 104.801                   | 50.801         | 54.000            | AVERAGE       |
| 2 |   | 7250.000           | 5.476                  | 45.310                  | 50.786                    | -3.214         | 54.000            | AVERAGE       |
| 3 |   | 7750.000           | 6.446                  | 45.678                  | 52.124                    | -1.876         | 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 : CB1                                     | Time : 2013/08/27 - 13:52                                                  |
| Limit : FCC_SpartC_15.247_H_03M_PK             | Margin : 6                                                                 |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                       |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11n20 5825MHz |

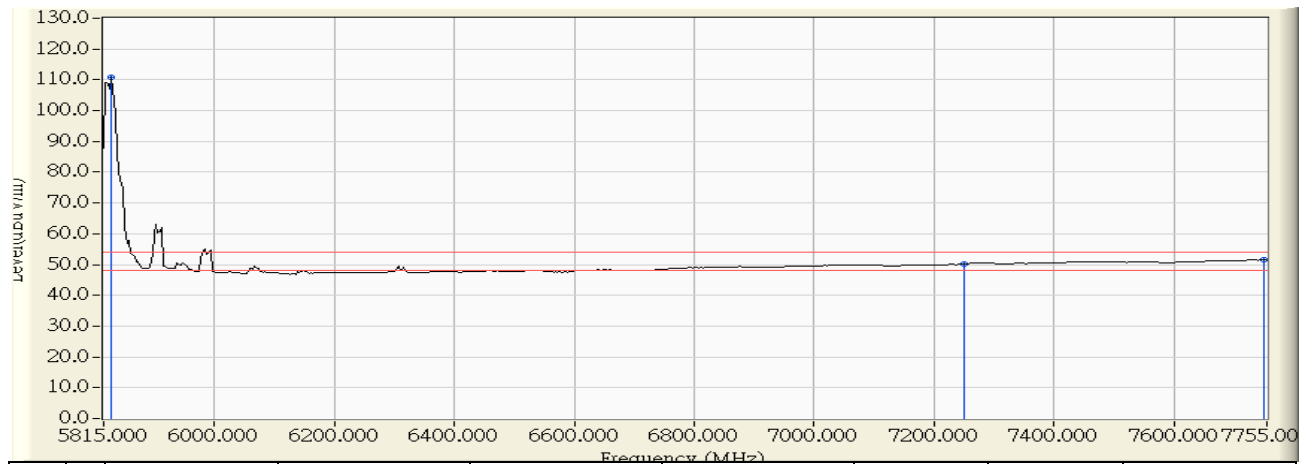


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5821.467           | 2.449                  | 118.635                 | 121.084                   | 47.084         | 74.000            | PEAK          |
| 2 |   | 7250.000           | 5.476                  | 53.804                  | 59.280                    | -14.720        | 74.000            | PEAK          |
| 3 |   | 7693.567           | 6.349                  | 58.199                  | 64.548                    | -9.452         | 74.000            | PEAK          |
| 4 |   | 7750.000           | 6.446                  | 53.686                  | 60.132                    | -13.868        | 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 : CB1                                     | Time : 2013/08/27 - 13:55                                                  |
| Limit : FCC_SpartC_15.247_H_03M_AV             | Margin : 6                                                                 |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                       |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11n20 5825MHz |

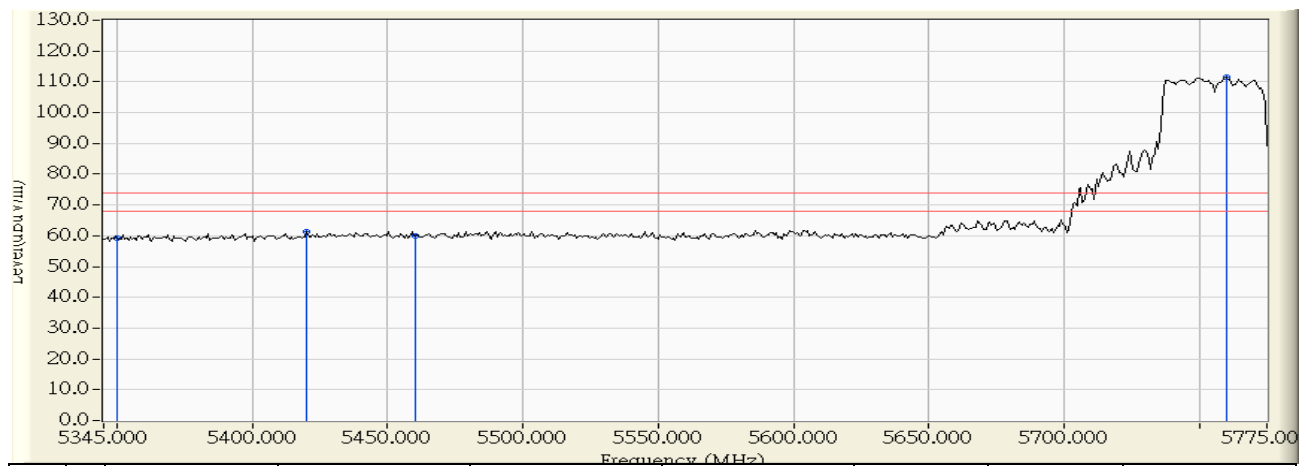


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5827.933           | 2.424                  | 108.479                 | 110.903                   | 56.903         | 54.000            | AVERAGE       |
| 2 |   | 7250.000           | 5.476                  | 44.631                  | 50.107                    | -3.893         | 54.000            | AVERAGE       |
| 3 |   | 7750.000           | 6.446                  | 45.018                  | 51.464                    | -2.536         | 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 : CB1                                     | Time : 2013/08/27 - 14:00                                                  |
| Limit : FCC_SpartC_15.247_H_03M_PK             | Margin : 6                                                                 |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V/60Hz                                                       |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11n40 5755MHz |

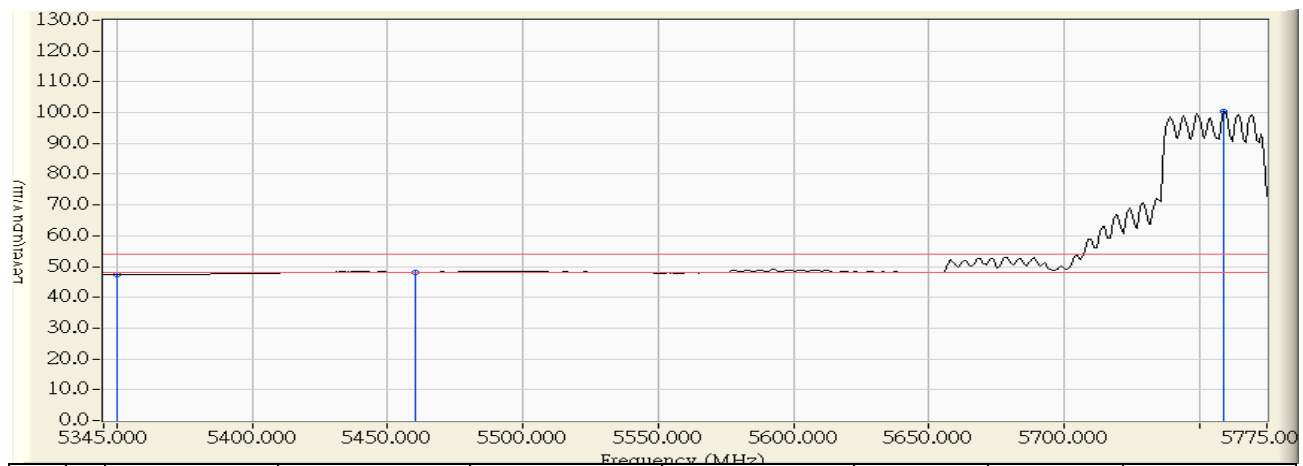


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 2.526                  | 56.604                  | 59.130                    | -14.870        | 74.000            | PEAK          |
| 2 |   | 5420.250           | 3.071                  | 58.231                  | 61.302                    | -12.698        | 74.000            | PEAK          |
| 3 |   | 5460.000           | 3.379                  | 56.595                  | 59.974                    | -14.026        | 74.000            | PEAK          |
| 4 | * | 5759.950           | 2.686                  | 108.755                 | 111.441                   | 37.441         | 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 : CB1                                     | Time : 2013/08/27 - 14:03                                                  |
| Limit : FCC_SpartC_15.247_H_03M_AV             | Margin : 6                                                                 |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V/60Hz                                                       |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11n40 5755MHz |

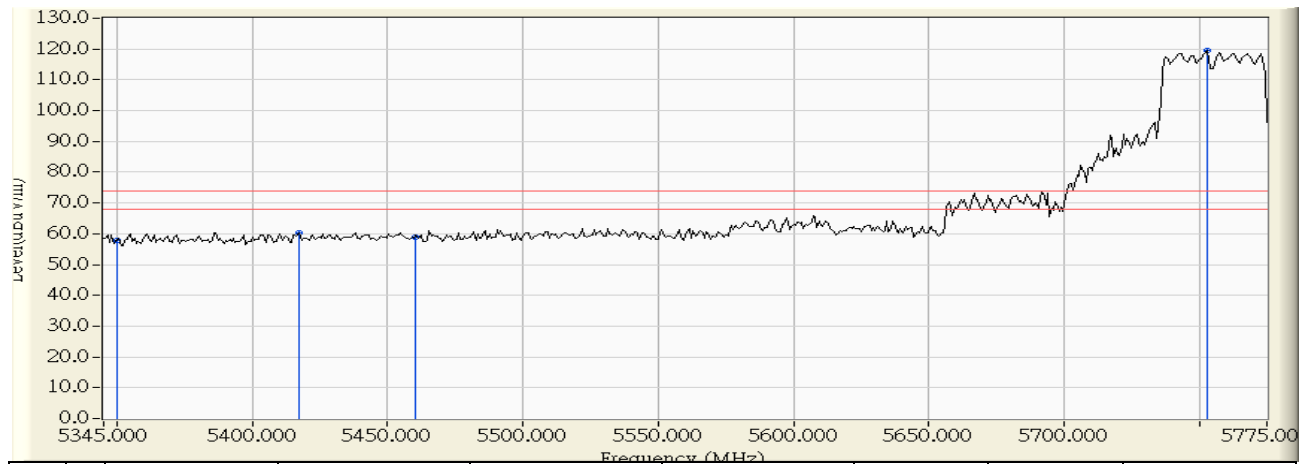


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 2.526                  | 44.991                  | 47.517                    | -6.483         | 54.000            | AVERAGE       |
| 2 |   | 5460.000           | 3.379                  | 44.829                  | 48.208                    | -5.792         | 54.000            | AVERAGE       |
| 3 | * | 5759.233           | 2.689                  | 97.603                  | 100.292                   | 46.292         | 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 : CB1                                     | Time : 2013/08/27 - 13:56                                                  |
| Limit : FCC_SpartC_15.247_H_03M_PK             | Margin : 6                                                                 |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                       |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11n40 5755MHz |

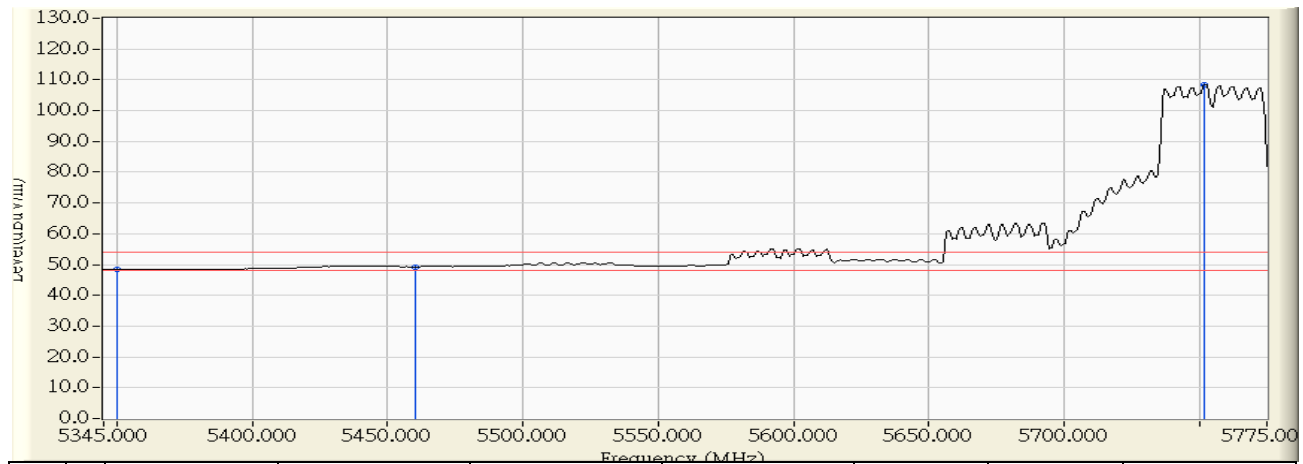


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 2.526                  | 55.208                  | 57.734                    | -16.266        | 74.000            | PEAK          |
| 2 |   | 5417.383           | 3.050                  | 57.226                  | 60.275                    | -13.725        | 74.000            | PEAK          |
| 3 |   | 5460.000           | 3.379                  | 55.593                  | 58.972                    | -15.028        | 74.000            | PEAK          |
| 4 | * | 5752.783           | 2.714                  | 116.809                 | 119.523                   | 45.523         | 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 : CB1                                     | Time : 2013/08/27 - 13:58                                                  |
| Limit : FCC_SpartC_15.247_H_03M_AV             | Margin : 6                                                                 |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                       |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11n40 5755MHz |

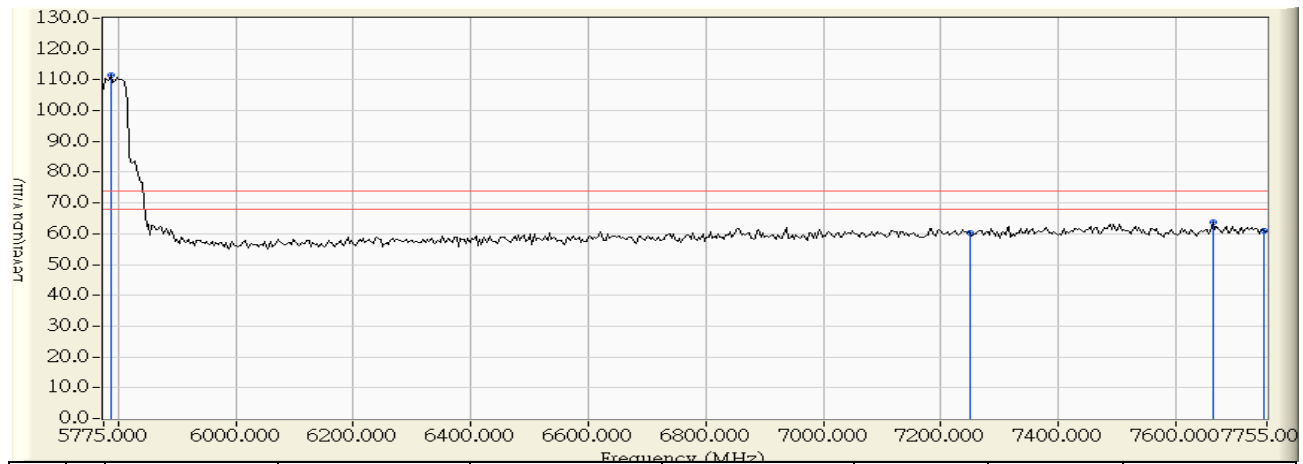


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 2.526                  | 45.821                  | 48.347                    | -5.653         | 54.000            | AVERAGE       |
| 2 |   | 5460.000           | 3.379                  | 45.914                  | 49.293                    | -4.707         | 54.000            | AVERAGE       |
| 3 | * | 5752.067           | 2.717                  | 105.718                 | 108.434                   | 54.434         | 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 : CB1                                     | Time : 2013/08/27 - 14:06                                                  |
| Limit : FCC_SpartC_15.247_H_03M_PK             | Margin : 6                                                                 |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V/60Hz                                                       |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11n40 5795MHz |

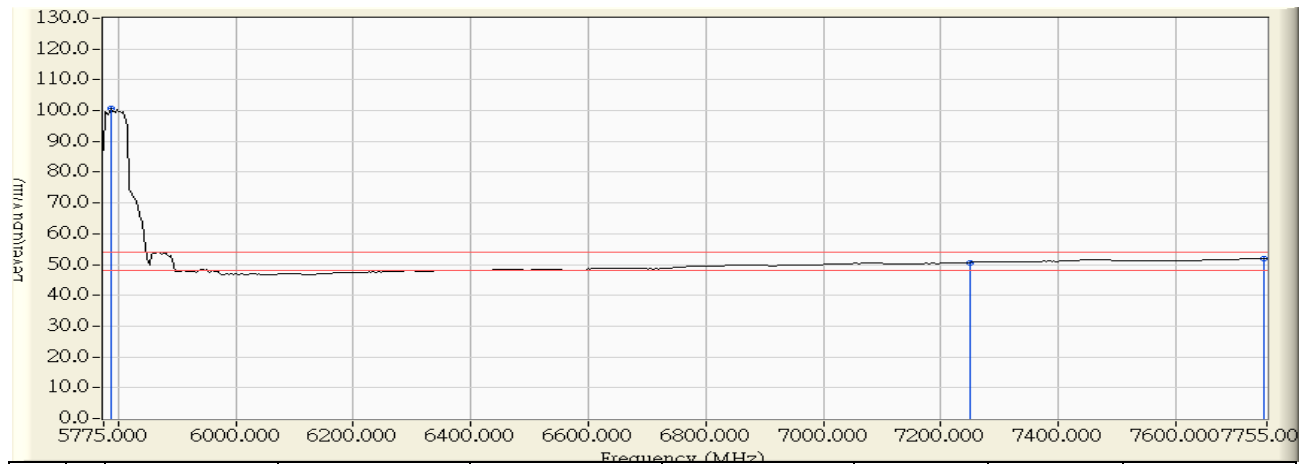


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5788.200           | 2.577                  | 108.811                 | 111.388                   | 37.388         | 74.000            | PEAK          |
| 2 |   | 7250.000           | 5.476                  | 54.776                  | 60.252                    | -13.748        | 74.000            | PEAK          |
| 3 |   | 7662.600           | 6.296                  | 57.404                  | 63.700                    | -10.300        | 74.000            | PEAK          |
| 4 |   | 7750.000           | 6.446                  | 54.503                  | 60.949                    | -13.051        | 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 : CB1                                     | Time : 2013/08/27 - 14:09                                                  |
| Limit : FCC_SpartC_15.247_H_03M_AV             | Margin : 6                                                                 |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V/60Hz                                                       |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11n40 5795MHz |

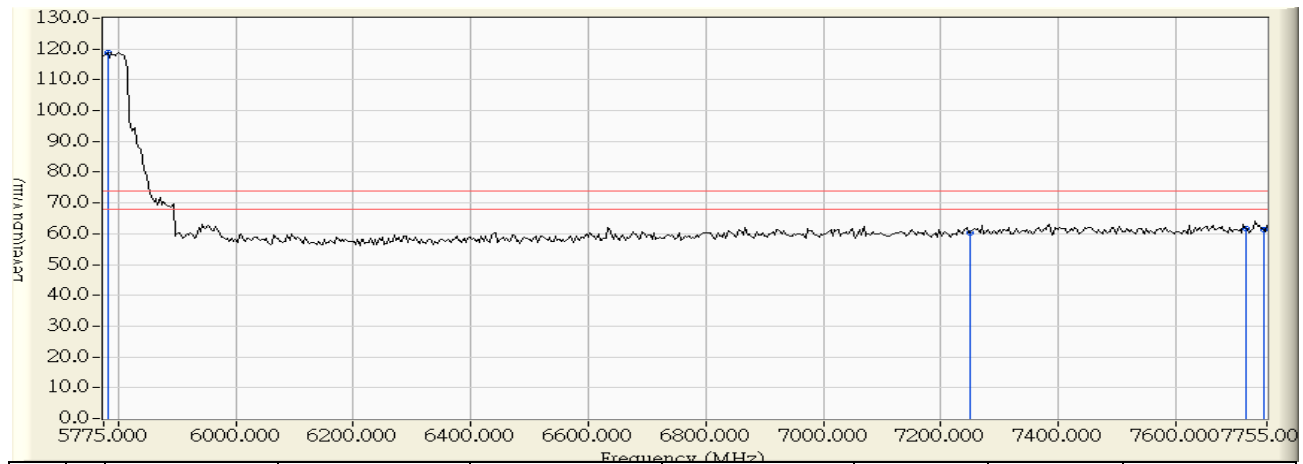


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5788.200           | 2.577                  | 98.098                  | 100.675                   | 46.675         | 54.000            | AVERAGE       |
| 2 |   | 7250.000           | 5.476                  | 45.205                  | 50.681                    | -3.319         | 54.000            | AVERAGE       |
| 3 |   | 7750.000           | 6.446                  | 45.537                  | 51.983                    | -2.017         | 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 : CB1                                     | Time : 2013/08/27 - 14:11                                                  |
| Limit : FCC_SpartC_15.247_H_03M_PK             | Margin : 6                                                                 |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                       |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11n40 5795MHz |

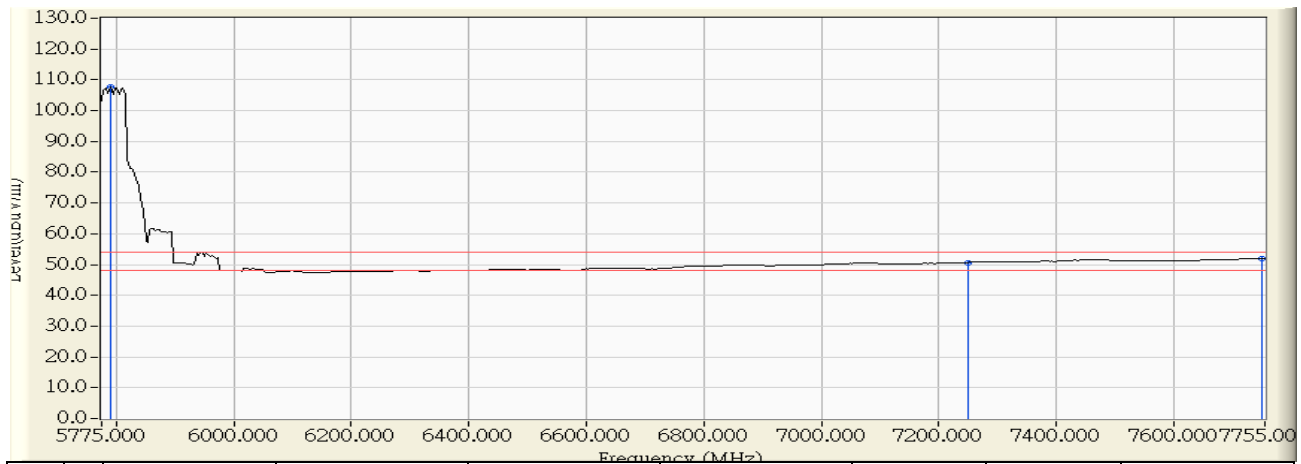


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5781.600           | 2.603                  | 116.213                 | 118.815                   | 44.815         | 74.000            | PEAK          |
| 2 |   | 7250.000           | 5.476                  | 54.796                  | 60.272                    | -13.728        | 74.000            | PEAK          |
| 3 |   | 7718.700           | 6.392                  | 55.416                  | 61.809                    | -12.191        | 74.000            | PEAK          |
| 4 |   | 7750.000           | 6.446                  | 54.824                  | 61.270                    | -12.730        | 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 : CB1                                     | Time : 2013/08/27 - 14:20                                                  |
| Limit : FCC_SpartC_15.247_H_03M_AV             | Margin : 6                                                                 |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                       |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11n40 5795MHz |

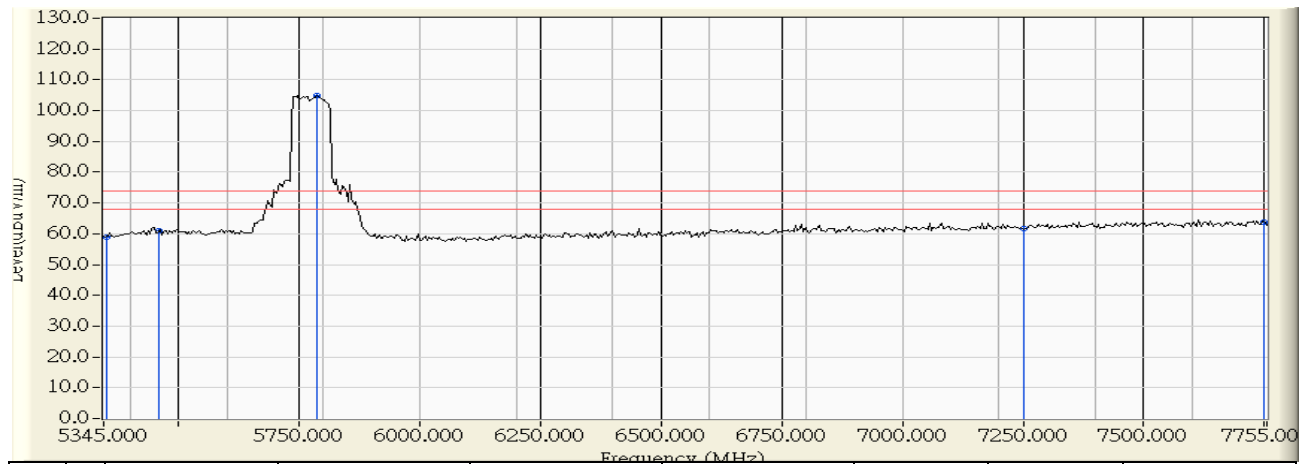


|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | * | 5791.500           | 2.564                  | 105.146                 | 107.710                   | 53.710         | 54.000            | AVERAGE       |
| 2 |   | 7250.000           | 5.476                  | 45.170                  | 50.646                    | -3.354         | 54.000            | AVERAGE       |
| 3 |   | 7750.000           | 6.446                  | 45.537                  | 51.983                    | -2.017         | 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 : CB1                                     | Time : 2013/08/27 - 14:34                                                   |
| Limit : FCC_SpartC_15.247_H_03M_PK             | Margin : 6                                                                  |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V/60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11ac80 5775MHz |

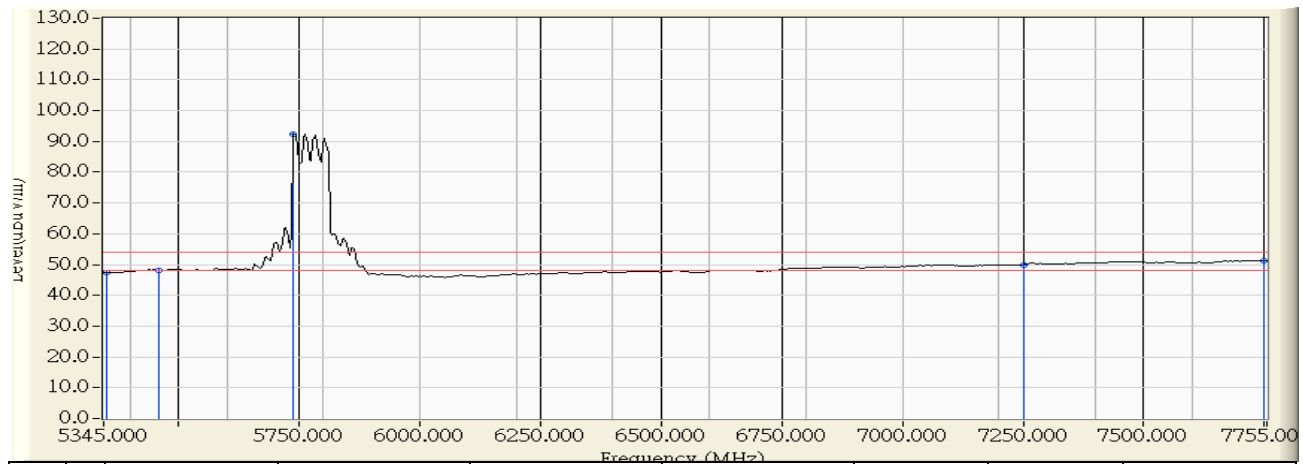


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 2.526                  | 56.524                  | 59.050                    | -14.950        | 74.000            | PEAK          |
| 2 | 5460.000           | 3.379                  | 57.516                  | 60.895                    | -13.105        | 74.000            | PEAK          |
| 3 | * 5786.833         | 2.583                  | 102.392                 | 104.974                   | 30.974         | 74.000            | PEAK          |
| 4 | 7250.000           | 5.476                  | 56.144                  | 61.620                    | -12.380        | 74.000            | PEAK          |
| 5 | 7750.000           | 6.446                  | 57.431                  | 63.877                    | -10.123        | 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 : CB1                                     | Time : 2013/08/27 - 14:45                                                   |
| Limit : FCC_SpartC_15.247_H_03M_AV             | Margin : 6                                                                  |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL  | Power : AC 120V/60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11ac80 5775MHz |

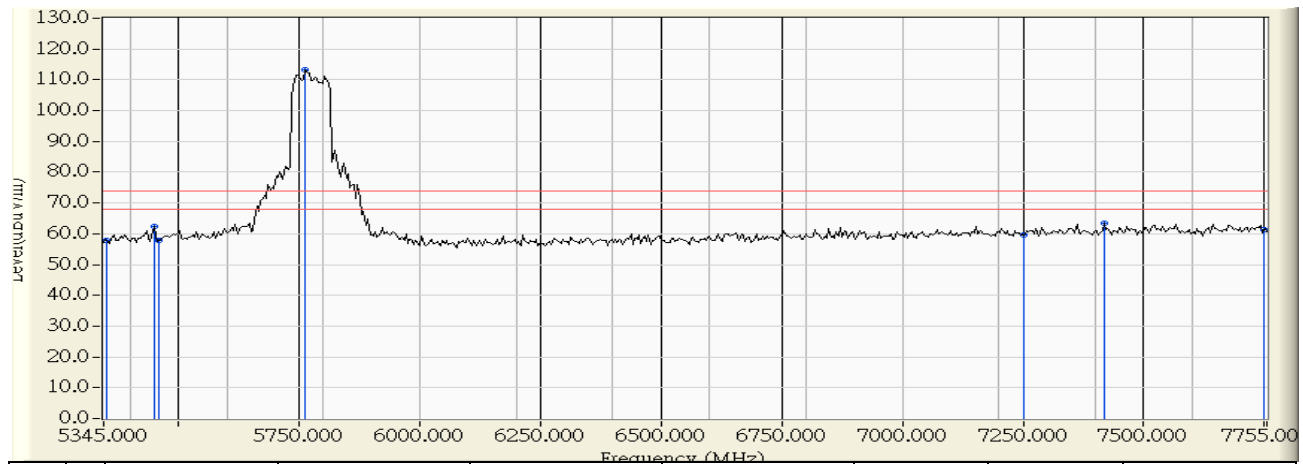


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 2.526                  | 44.892                  | 47.418                    | -6.582         | 54.000            | AVERAGE       |
| 2 | 5460.000           | 3.379                  | 44.846                  | 48.225                    | -5.775         | 54.000            | AVERAGE       |
| 3 | * 5738.633         | 2.768                  | 89.571                  | 92.339                    | 38.339         | 54.000            | AVERAGE       |
| 4 | 7250.000           | 5.476                  | 44.513                  | 49.989                    | -4.011         | 54.000            | AVERAGE       |
| 5 | 7750.000           | 6.446                  | 44.938                  | 51.384                    | -2.616         | 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 : CB1                                     | Time : 2013/08/27 - 14:21                                                    |
| Limit : FCC_SpartC_15.247_H_03M_PK             | Margin : 6                                                                   |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                         |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode) _Adapter:<br>EXA1206UH-802.11ac80 5775MHz |

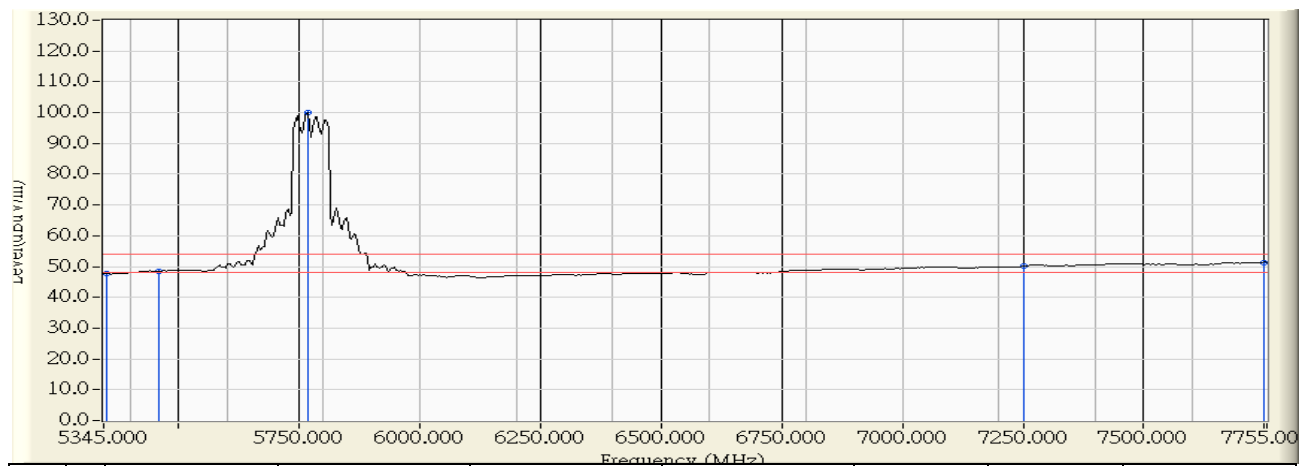


|   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 | 5350.000           | 2.526                  | 55.409                  | 57.935                    | -16.065        | 74.000            | PEAK          |
| 2 | 5449.433           | 3.297                  | 59.221                  | 62.518                    | -11.482        | 74.000            | PEAK          |
| 3 | 5460.000           | 3.379                  | 54.459                  | 57.838                    | -16.162        | 74.000            | PEAK          |
| 4 | * 5762.733         | 2.675                  | 110.563                 | 113.238                   | 39.238         | 74.000            | PEAK          |
| 5 | 7250.000           | 5.476                  | 54.212                  | 59.688                    | -14.312        | 74.000            | PEAK          |
| 6 | 7417.600           | 5.837                  | 57.575                  | 63.413                    | -10.587        | 74.000            | PEAK          |
| 7 | 7750.000           | 6.446                  | 54.893                  | 61.339                    | -12.661        | 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 : CB1                                     | Time : 2013/08/27 - 14:31                                                   |
| Limit : FCC_SpartC_15.247_H_03M_AV             | Margin : 6                                                                  |
| Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL    | Power : AC 120V/60Hz                                                        |
| EUT : Wireless-AC1900 Dual Band Gigabit Router | Note : Mode 1: Transmit (CDD Mode)_Adapter:<br>EXA1206UH-802.11ac80 5775MHz |



|   |   | Frequency<br>(MHz) | Correct Factor<br>(dB) | Reading Level<br>(dBuV) | Measure Level<br>(dBuV/m) | Margin<br>(dB) | Limit<br>(dBuV/m) | Detector Type |
|---|---|--------------------|------------------------|-------------------------|---------------------------|----------------|-------------------|---------------|
| 1 |   | 5350.000           | 2.526                  | 45.118                  | 47.644                    | -6.356         | 54.000            | AVERAGE       |
| 2 |   | 5460.000           | 3.379                  | 45.155                  | 48.534                    | -5.466         | 54.000            | AVERAGE       |
| 3 | * | 5766.750           | 2.660                  | 97.257                  | 99.917                    | 45.917         | 54.000            | AVERAGE       |
| 4 |   | 7250.000           | 5.476                  | 44.569                  | 50.045                    | -3.955         | 54.000            | AVERAGE       |
| 5 |   | 7750.000           | 6.446                  | 44.943                  | 51.389                    | -2.611         | 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. Occupied Bandwidth

### 7.1. Test Equipment

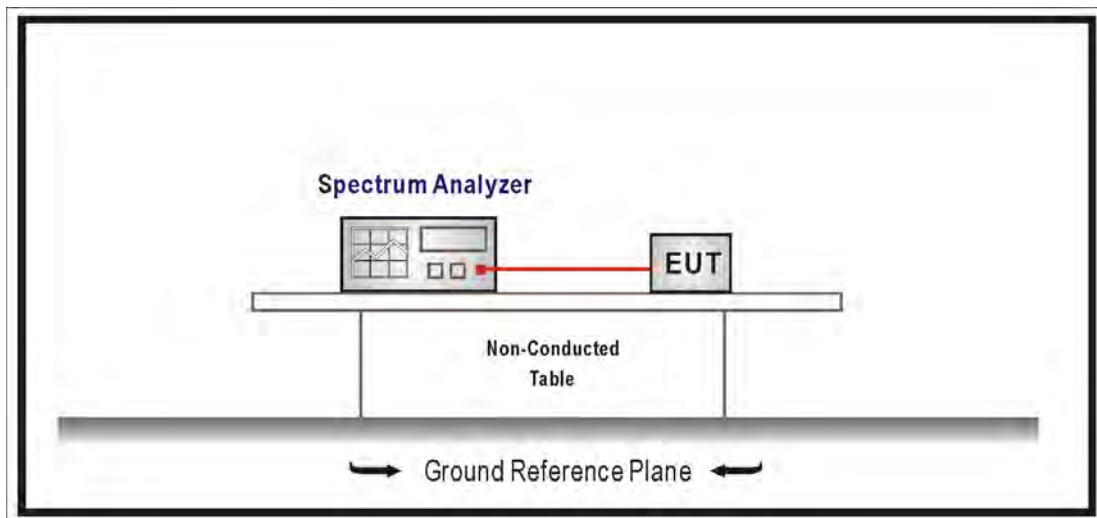
The following test equipments are used during the test:

#### Occupied Bandwidth / SR7

| Instrument        | Manufacturer | Model No.  | Serial No  | Next Cal. Date |
|-------------------|--------------|------------|------------|----------------|
| Spectrum Analyzer | Agilent      | N9010A-EXA | US47140172 | 2014/08/05     |

Note: 1. 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 C63.4: 2009; tested according to DTS test procedure of Oct. 2012 KDB5580744 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 1% of EBW, Span greater than RBW.

### 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: 2012

### 7.6. Uncertainty

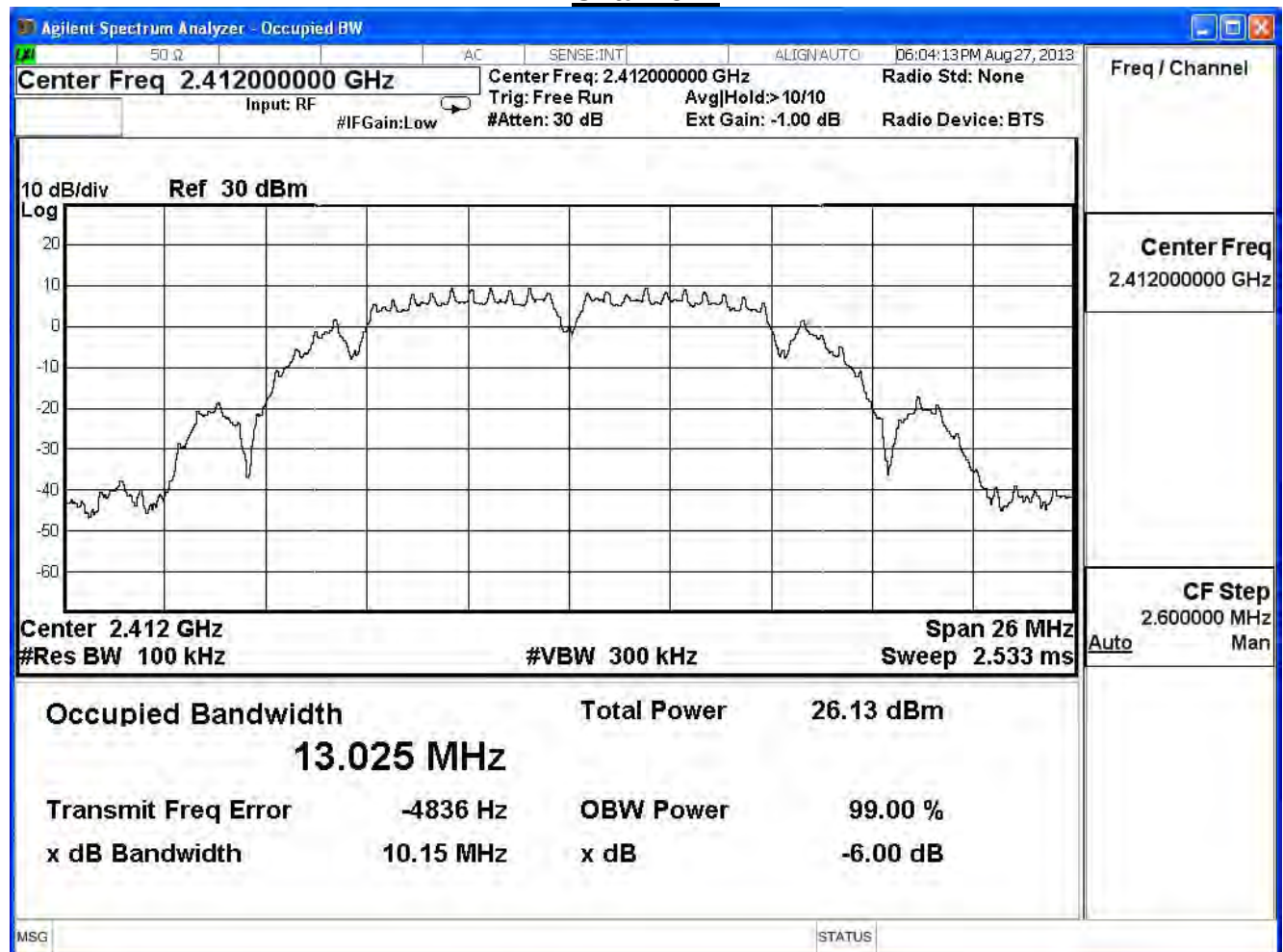
The measurement uncertainty is defined as  $\pm 150\text{Hz}$

## 7.7. Test Result

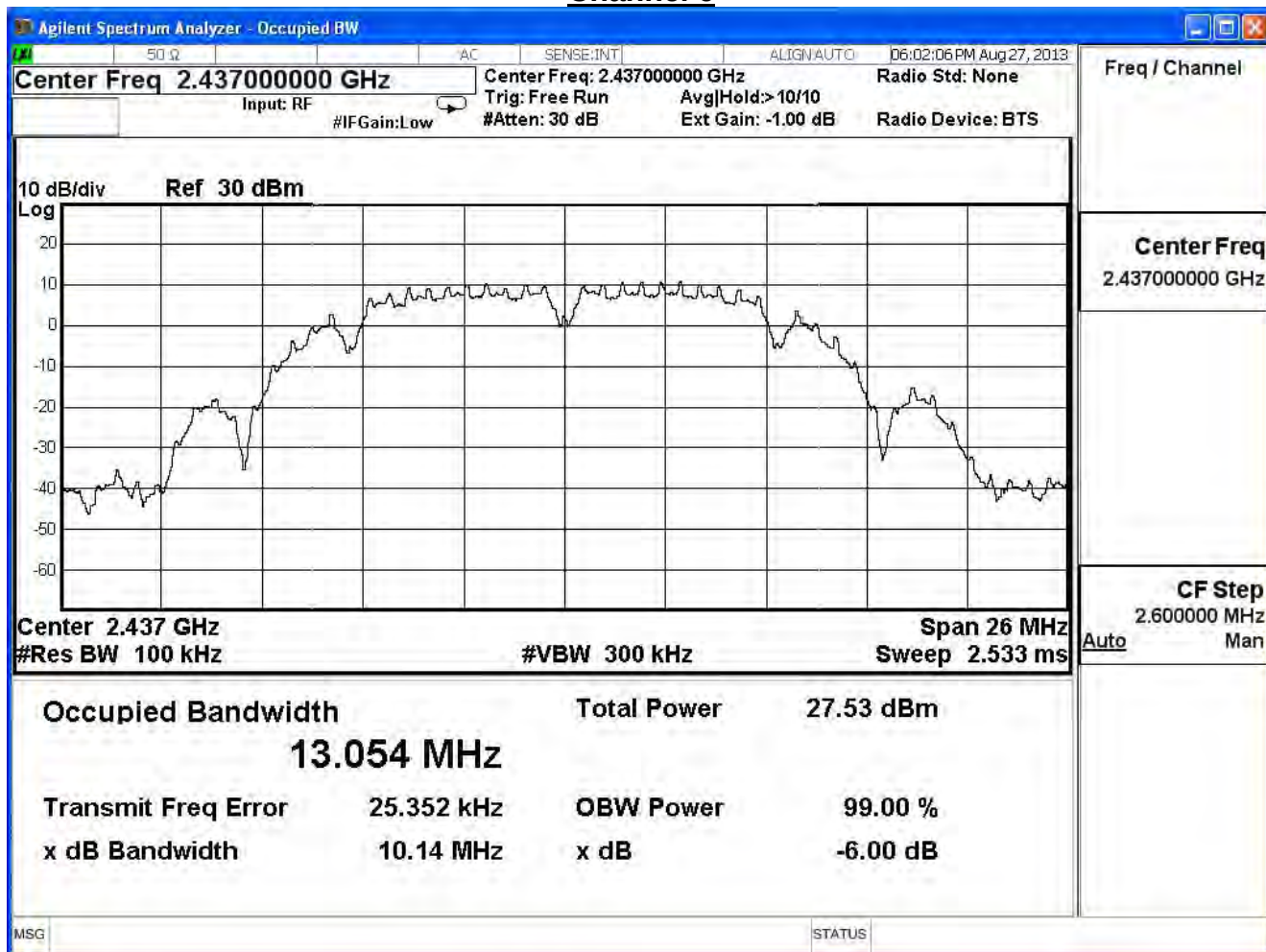
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | Occupied Bandwidth                             |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode) Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/27                                     | Test Site | SR7 |

| 802.11 b (ANT0) |                 |                         |                      |        |
|-----------------|-----------------|-------------------------|----------------------|--------|
| Channel No.     | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
| 1               | 2412            | 10.15                   | $\geq 0.5$           | Pass   |
| 6               | 2437            | 10.14                   | $\geq 0.5$           | Pass   |
| 11              | 2462            | 10.13                   | $\geq 0.5$           | Pass   |

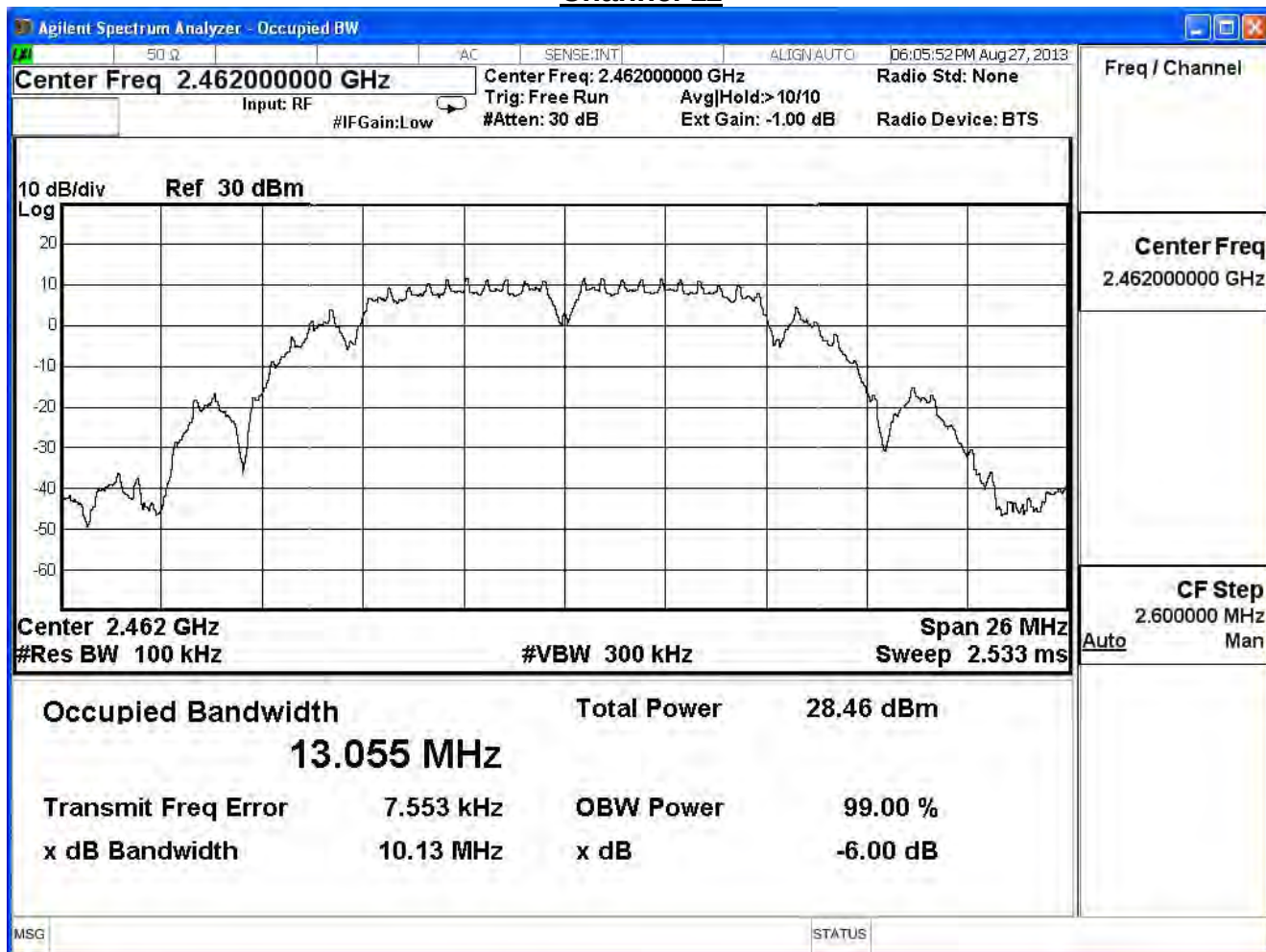
### Channel 1



## Channel 6



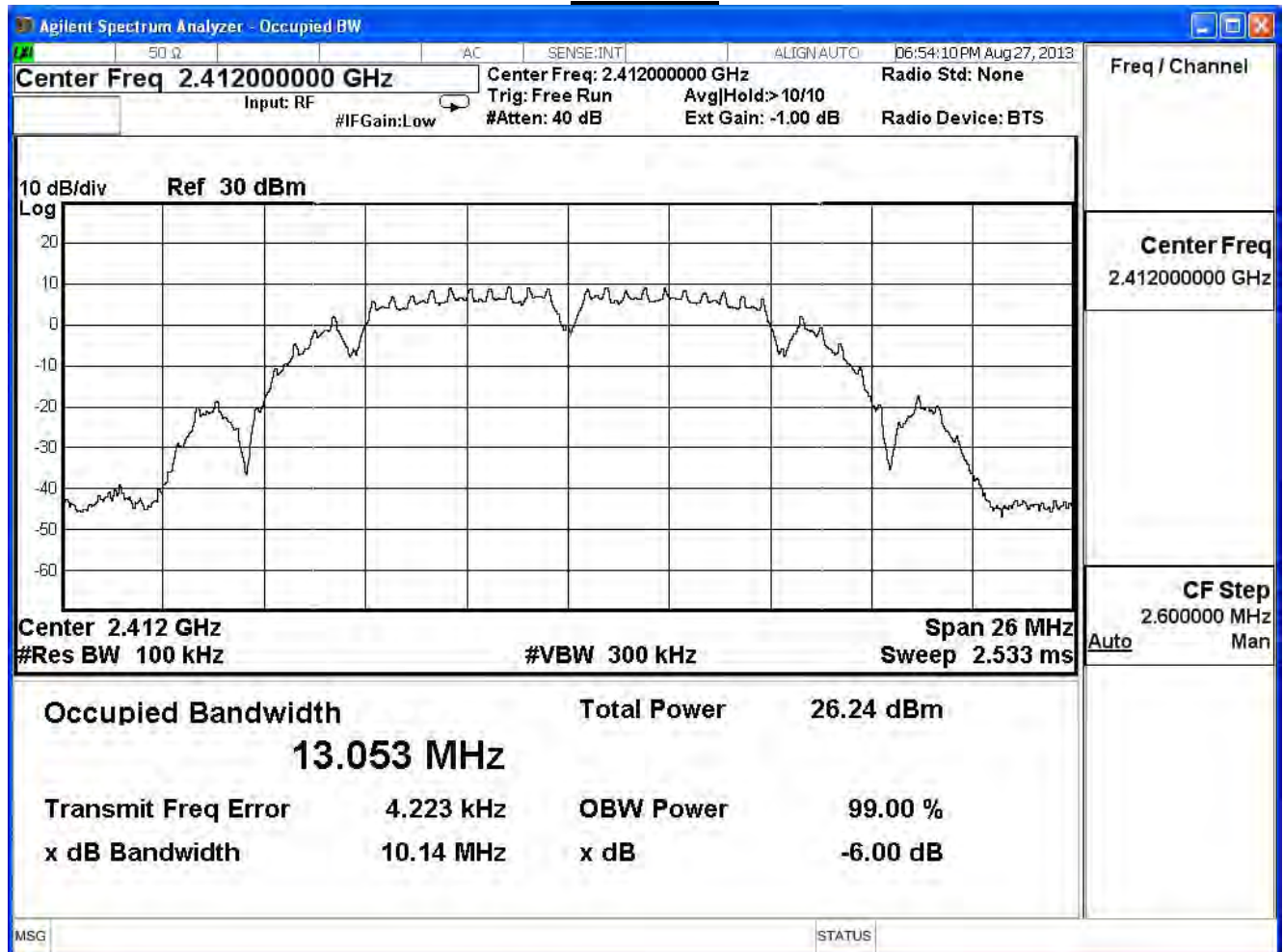
### Channel 11



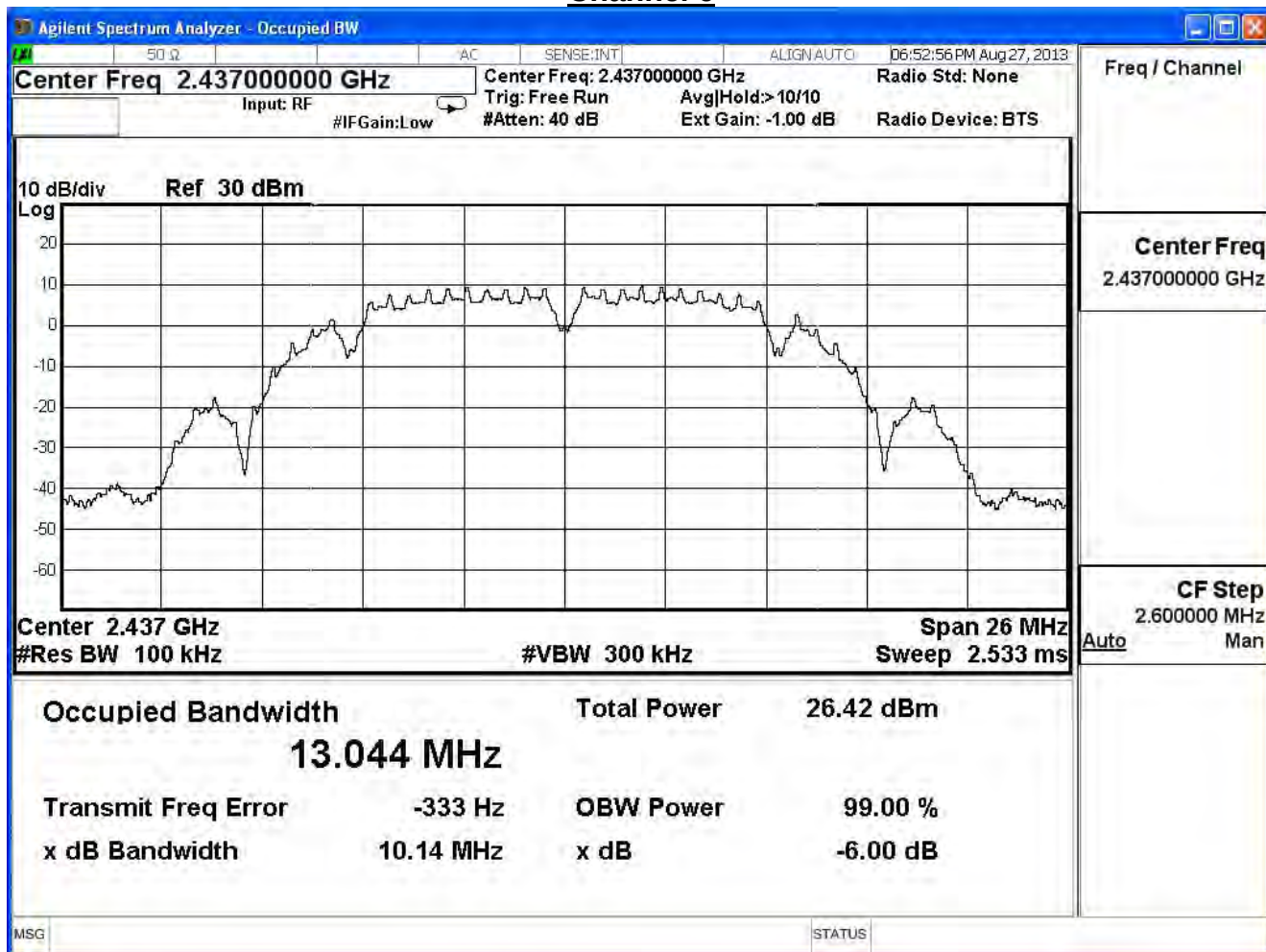
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | Occupied Bandwidth                             |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/27                                     | Test Site | SR7 |

| 802.11 b (ANT1) |                 |                         |                      |        |
|-----------------|-----------------|-------------------------|----------------------|--------|
| Channel No.     | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
| 1               | 2412            | 10.14                   | $\geq 0.5$           | Pass   |
| 6               | 2437            | 10.14                   | $\geq 0.5$           | Pass   |
| 11              | 2462            | 10.13                   | $\geq 0.5$           | Pass   |

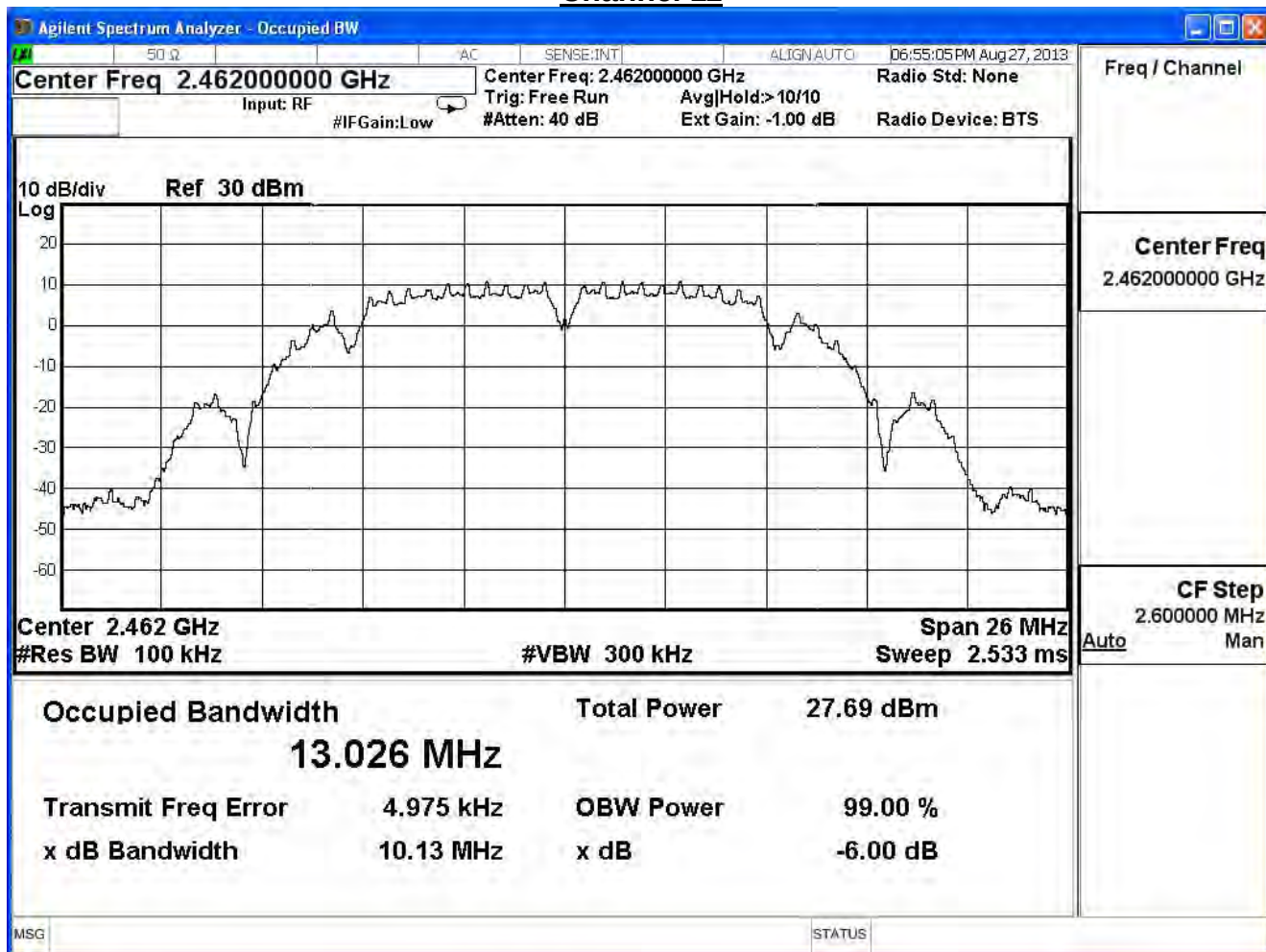
## Channel 1



## Channel 6



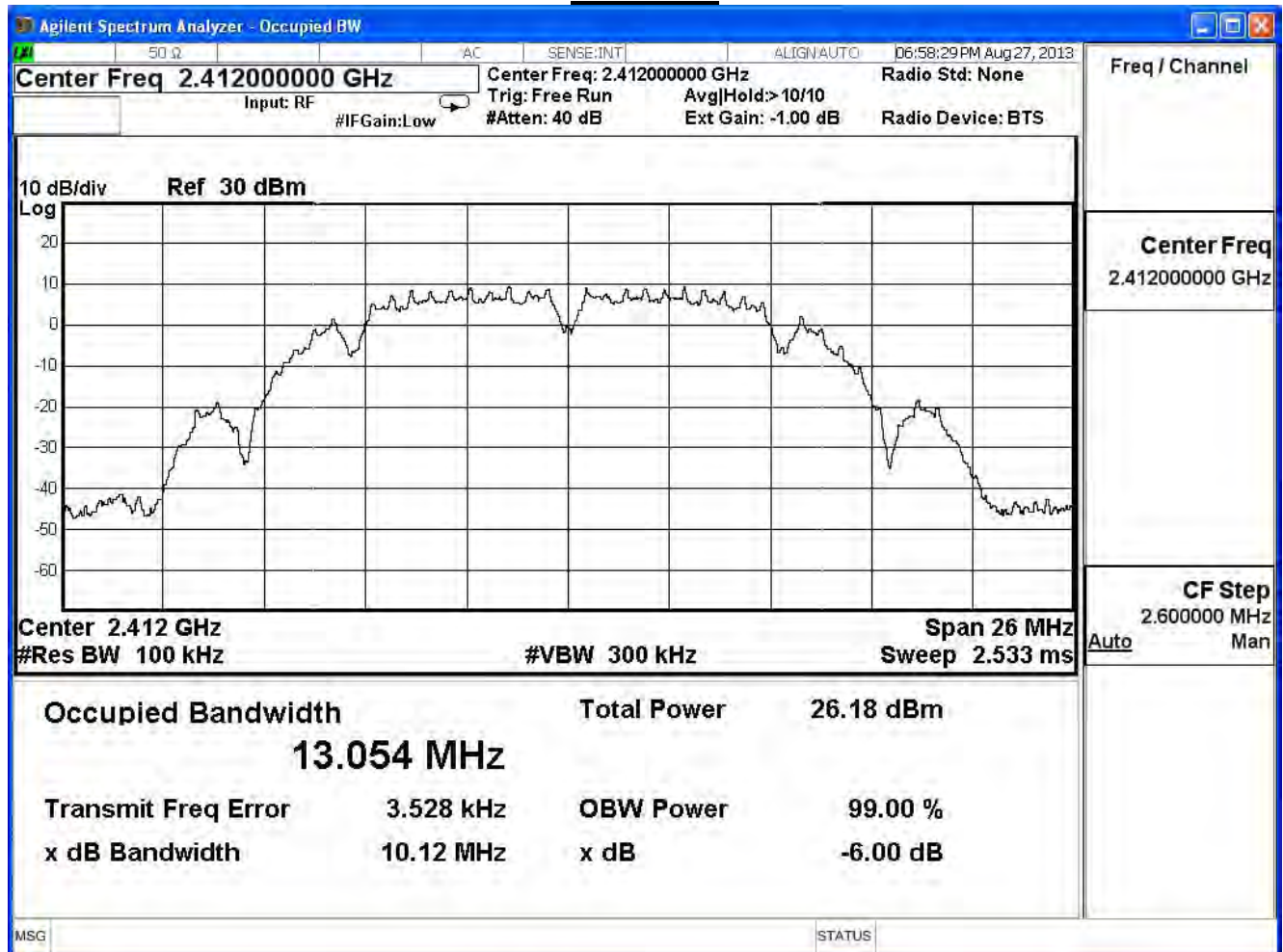
### Channel 11



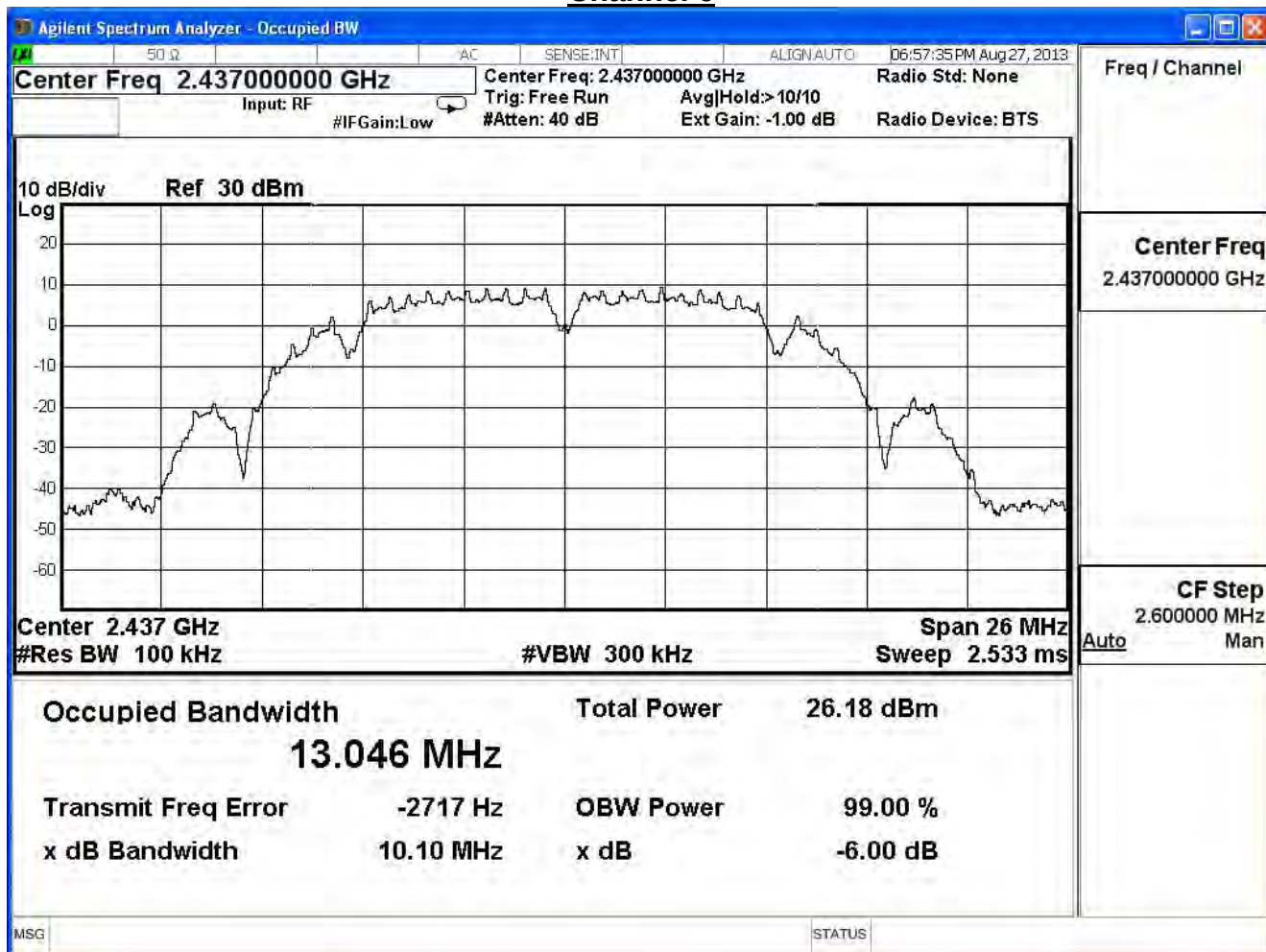
|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | Occupied Bandwidth                             |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode)_Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/27                                     | Test Site | SR7 |

| 802.11 b (ANT2) |                 |                         |                      |        |
|-----------------|-----------------|-------------------------|----------------------|--------|
| Channel No.     | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
| 1               | 2412            | 10.12                   | $\geq 0.5$           | Pass   |
| 6               | 2437            | 10.10                   | $\geq 0.5$           | Pass   |
| 11              | 2462            | 10.13                   | $\geq 0.5$           | Pass   |

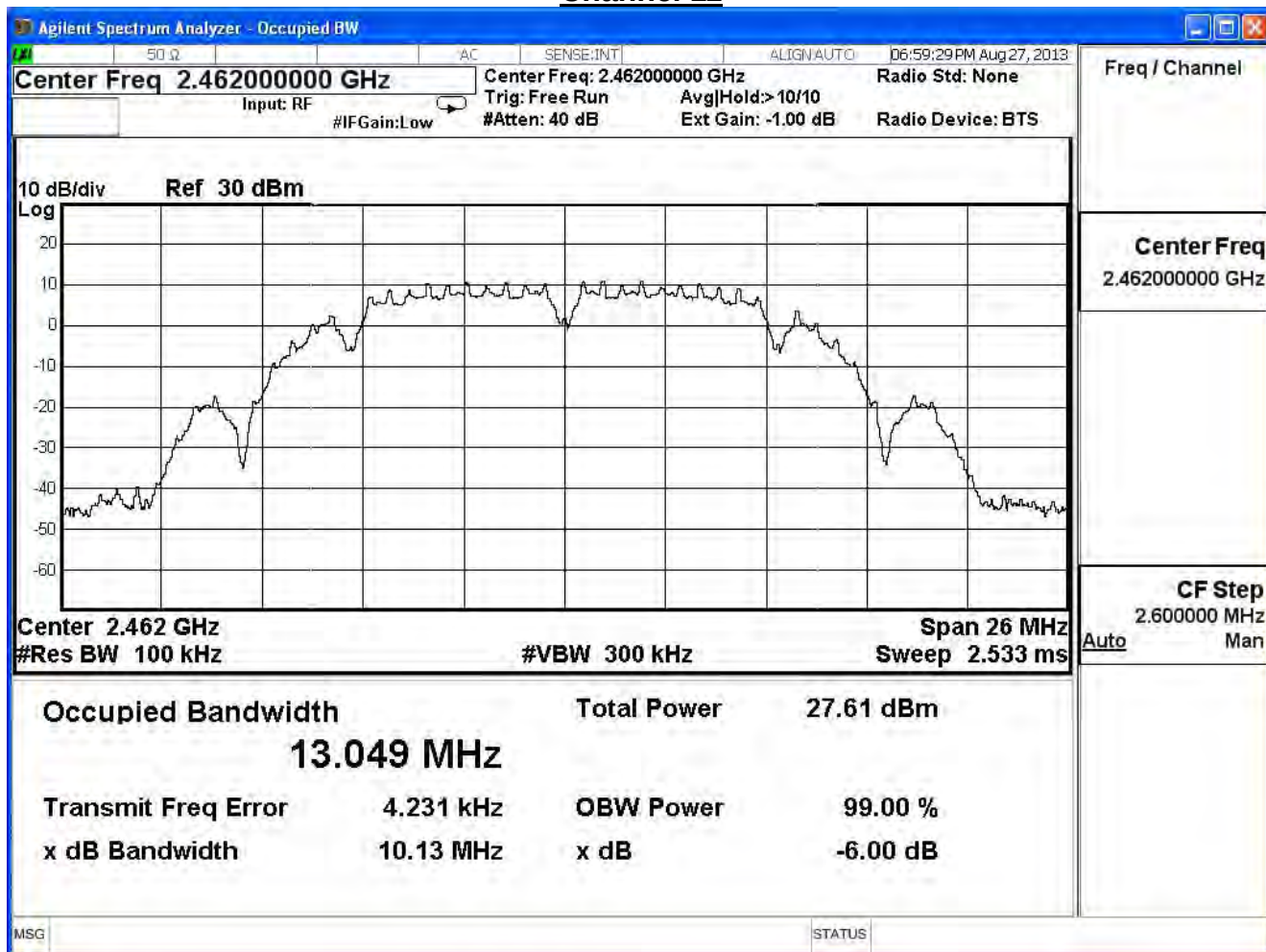
## Channel 1



## Channel 6



### Channel 11

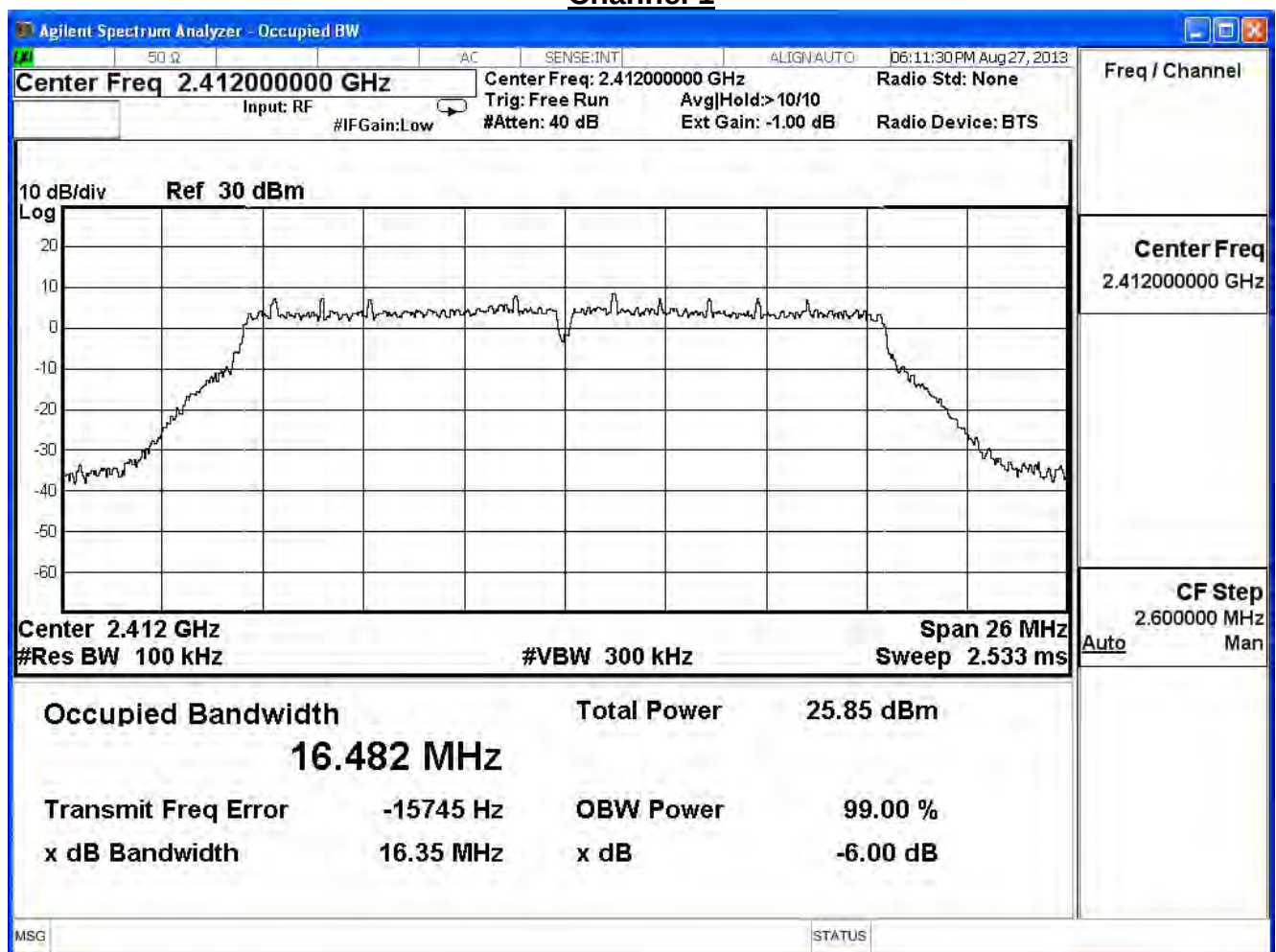


|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | Occupied Bandwidth                             |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode) Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/27                                     | Test Site | SR7 |

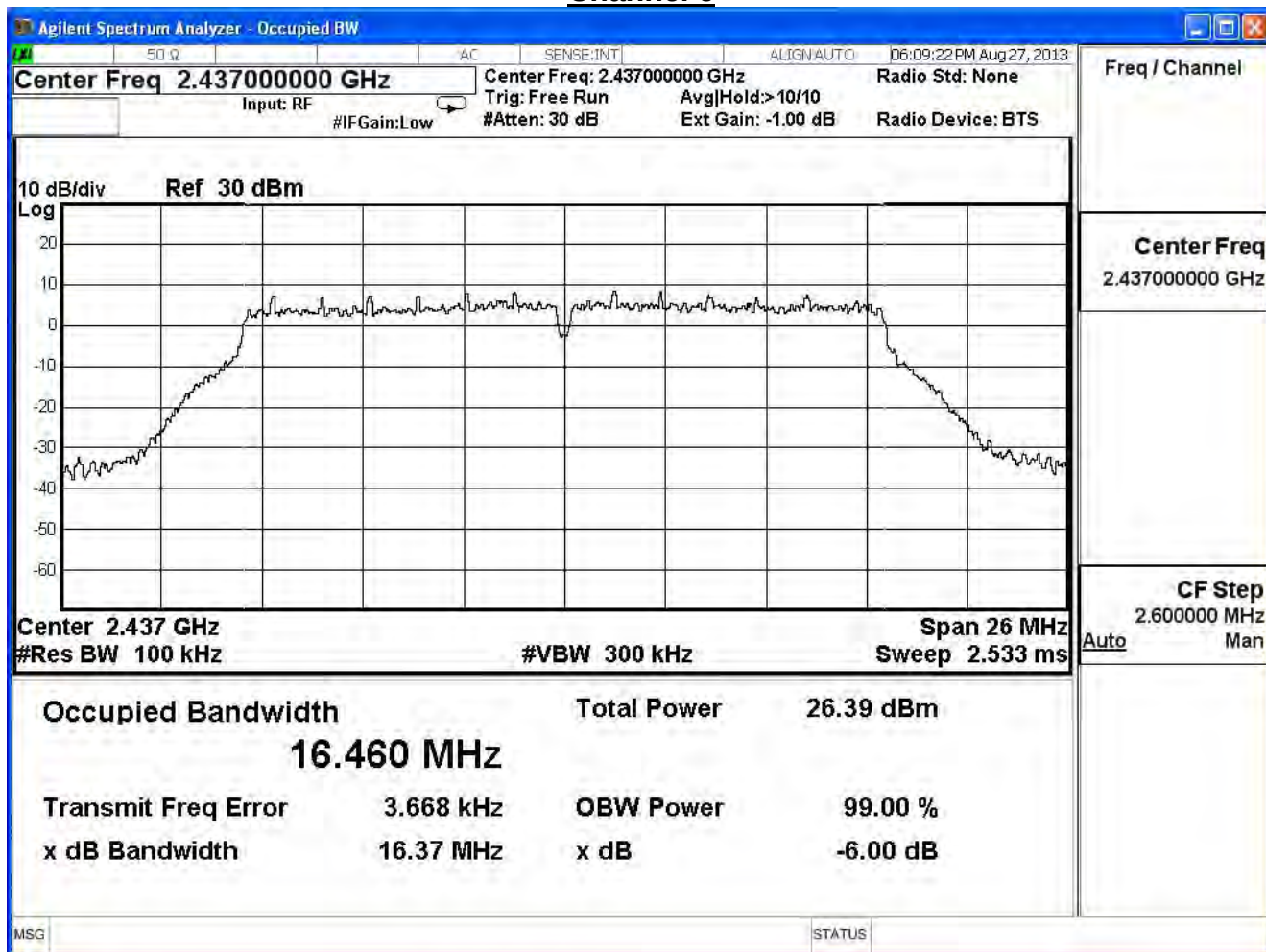
## IEEE 802.11g (ANT0)

| Channel No. | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 1           | 2412            | 16.35                   | $\geq 0.5$           | Pass   |
| 6           | 2437            | 16.37                   | $\geq 0.5$           | Pass   |
| 11          | 2462            | 16.36                   | $\geq 0.5$           | Pass   |

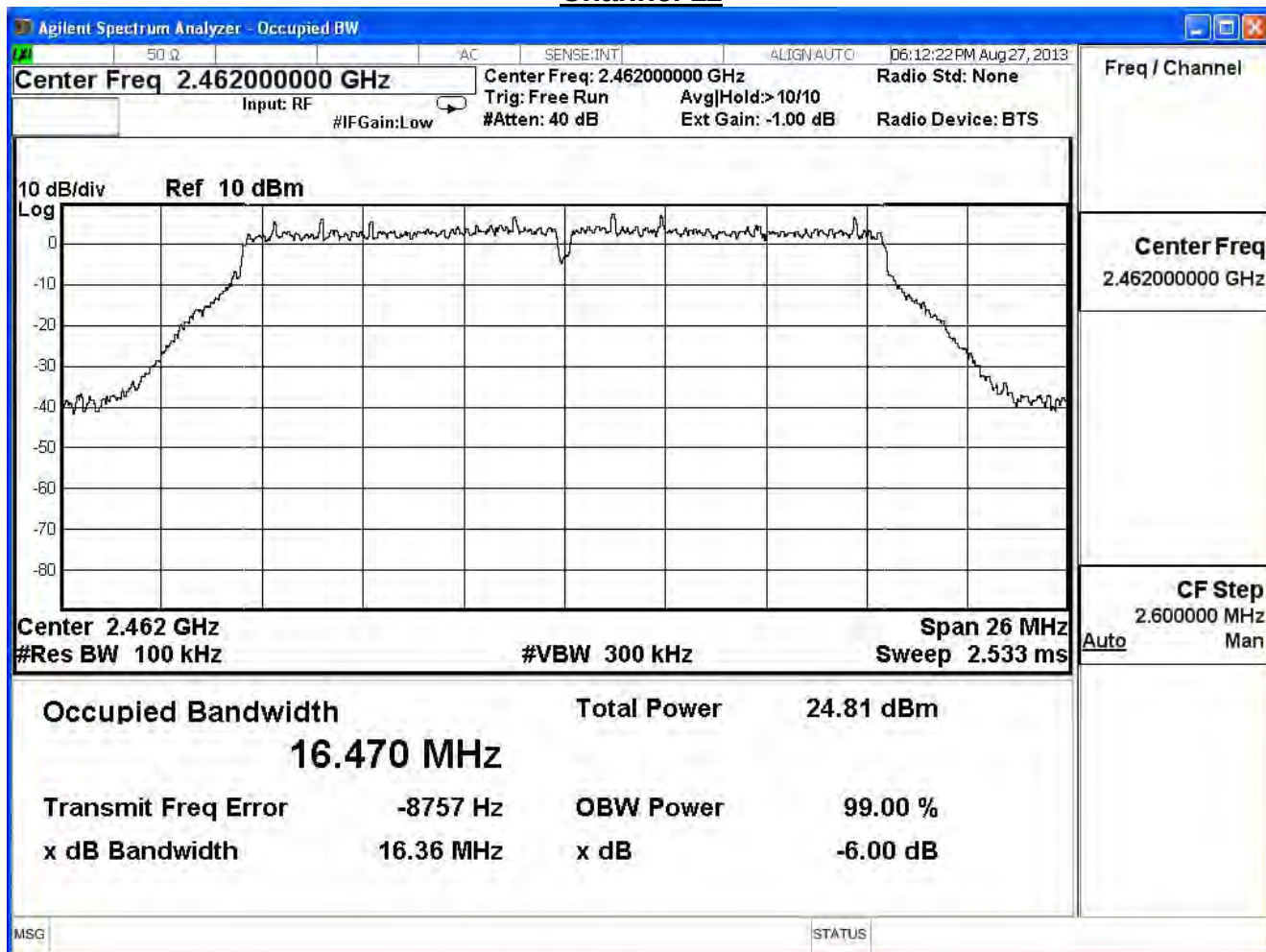
## Channel 1



## Channel 6



### Channel 11

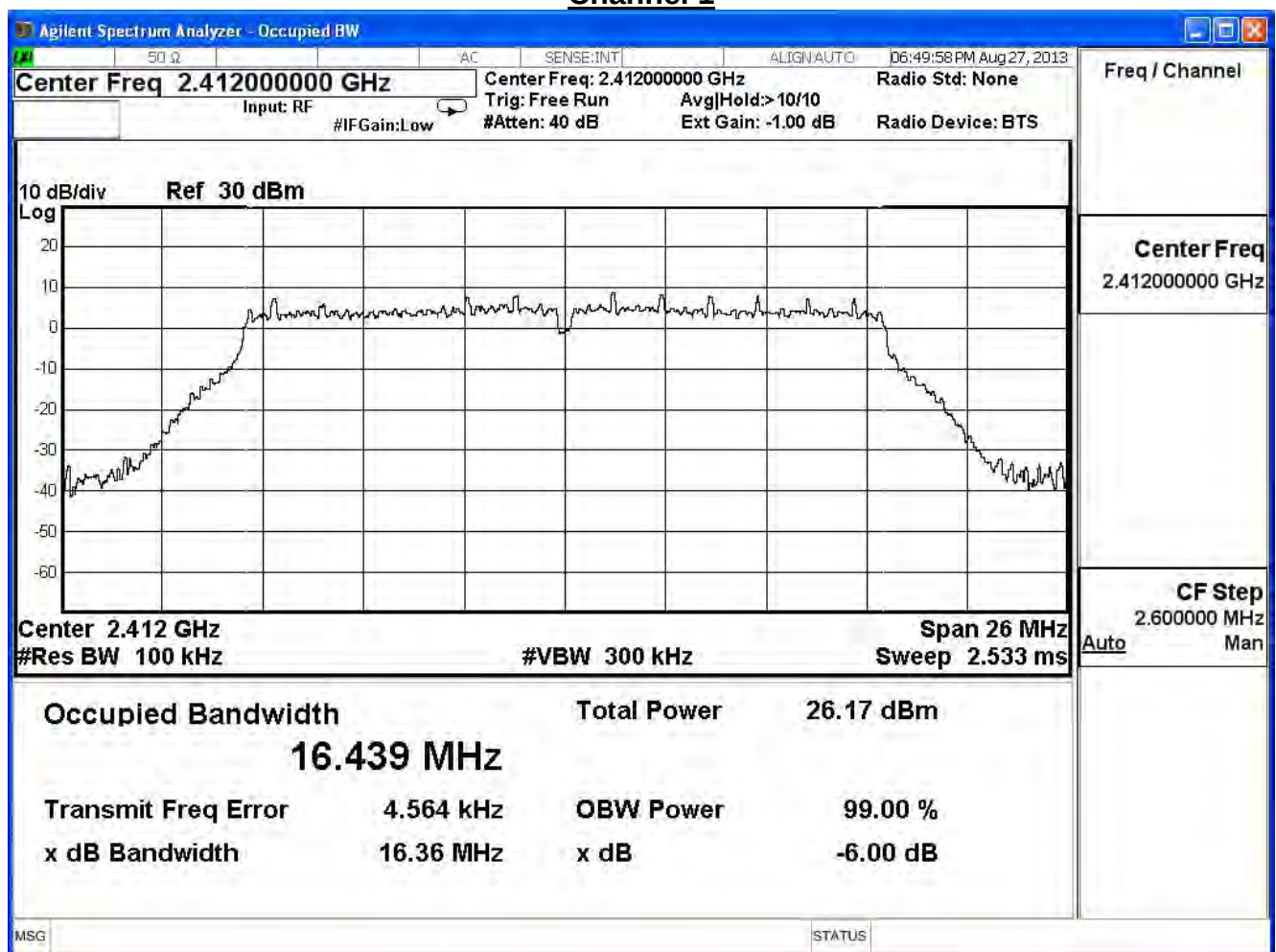


|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | Occupied Bandwidth                             |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode) Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/27                                     | Test Site | SR7 |

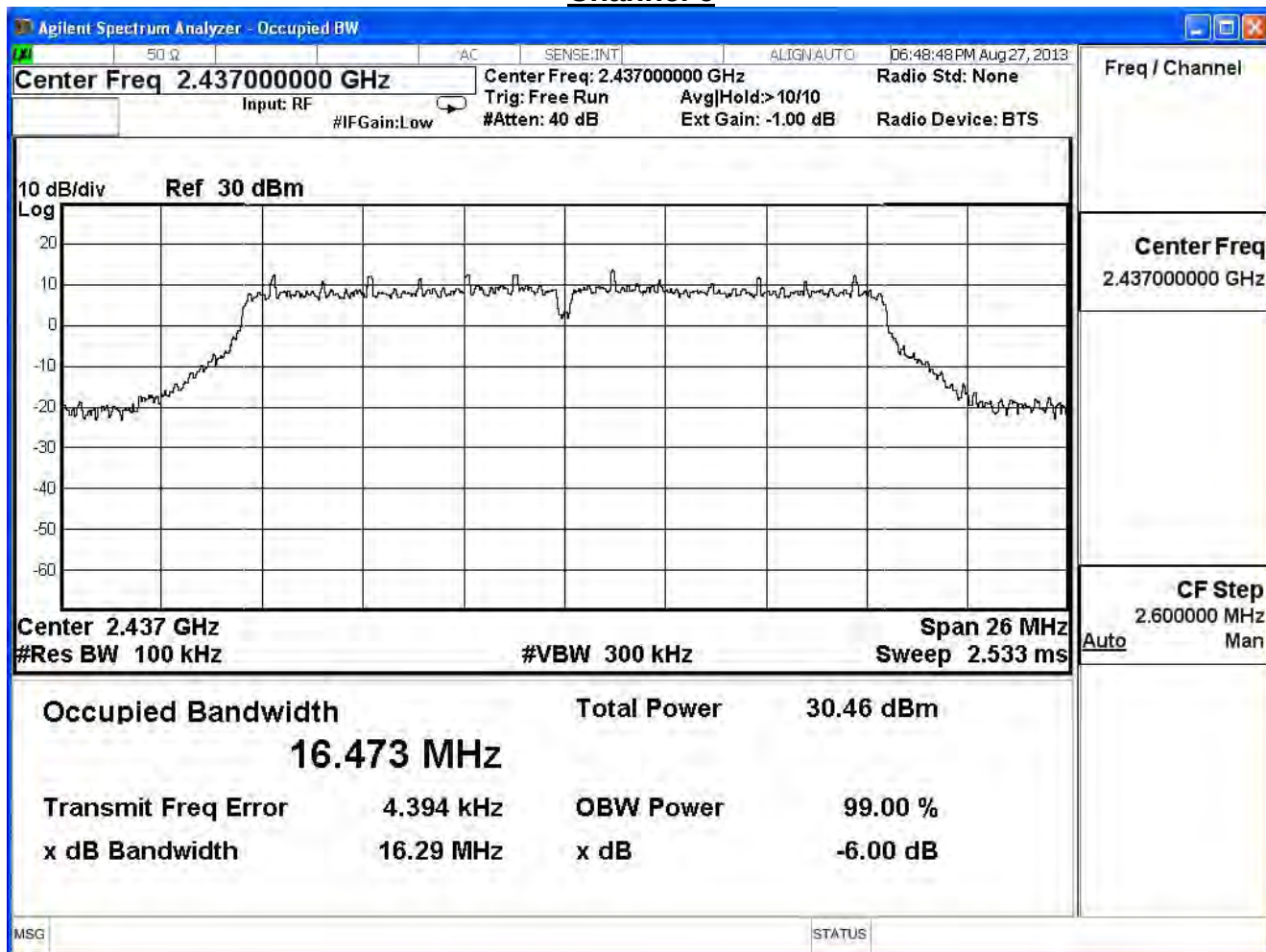
## IEEE 802.11g (ANT1)

| Channel No. | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 1           | 2412            | 16.36                   | $\geq 0.5$           | Pass   |
| 6           | 2437            | 16.29                   | $\geq 0.5$           | Pass   |
| 11          | 2462            | 16.37                   | $\geq 0.5$           | Pass   |

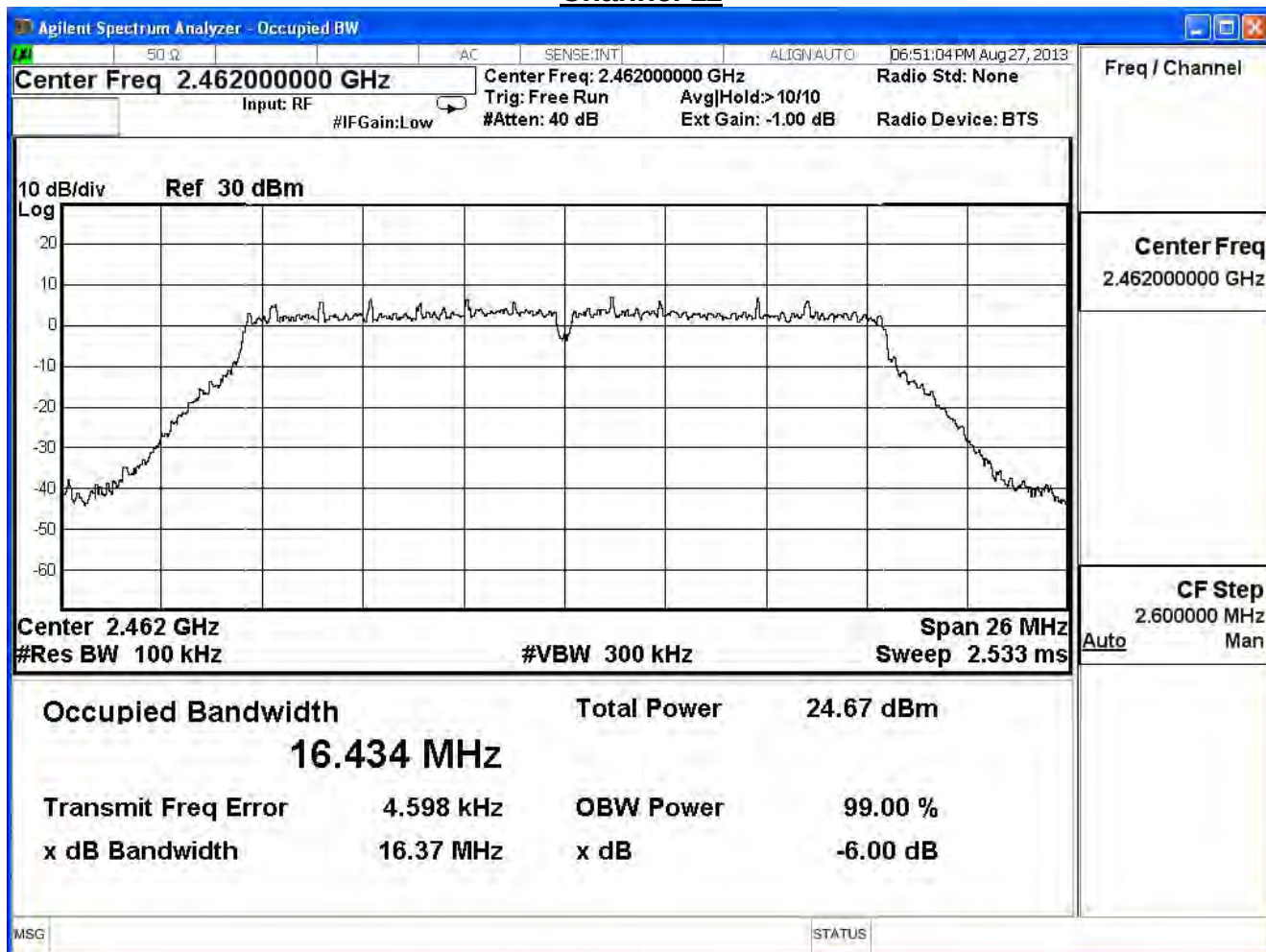
## Channel 1



## Channel 6



### Channel 11

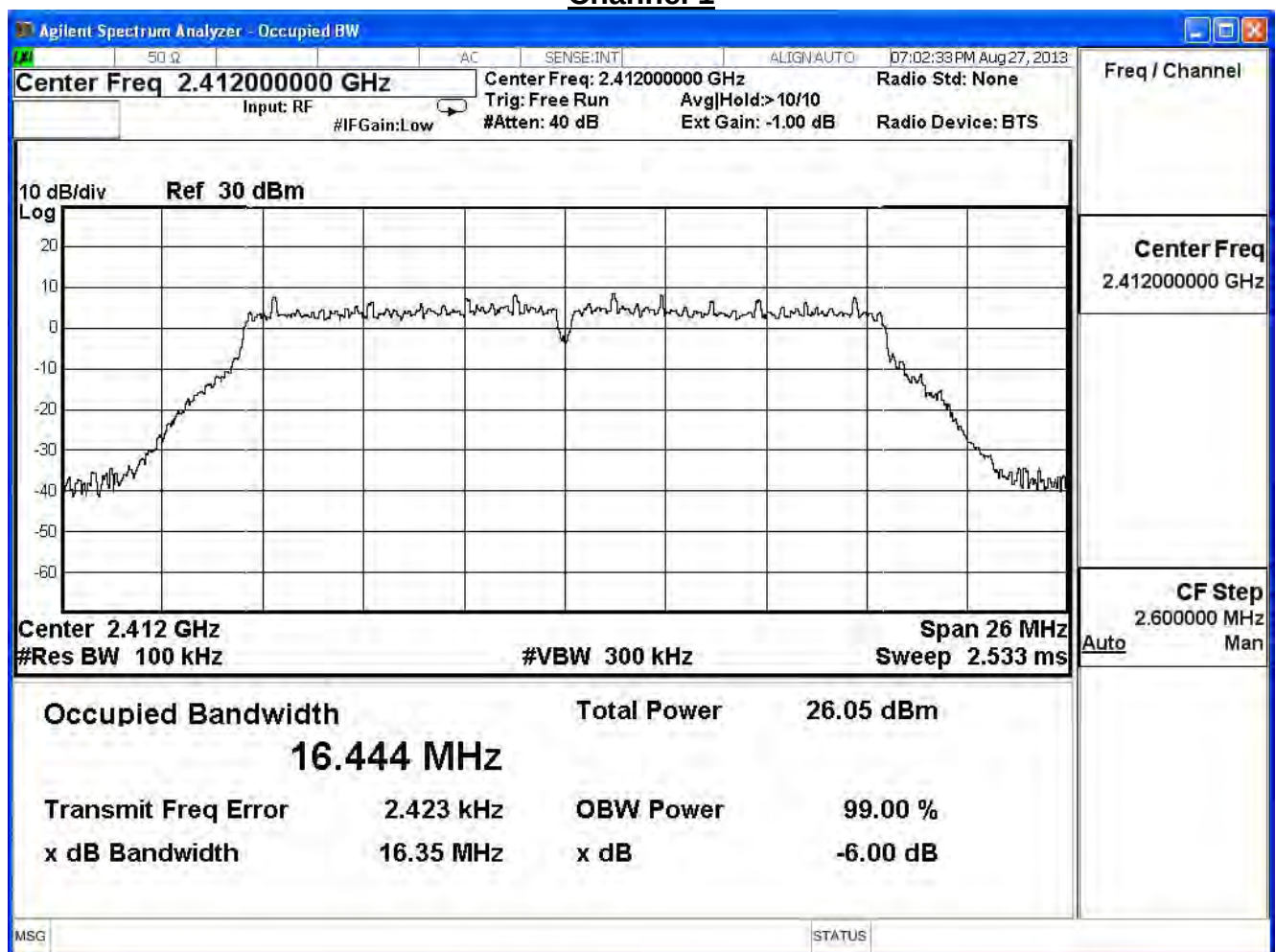


|              |                                                |           |     |
|--------------|------------------------------------------------|-----------|-----|
| Product      | Wireless-AC1900 Dual Band Gigabit Router       |           |     |
| Test Item    | Occupied Bandwidth                             |           |     |
| Test Mode    | Mode 1: Transmit (CDD Mode) Adapter: EXA1206UH |           |     |
| Date of Test | 2013/08/27                                     | Test Site | SR7 |

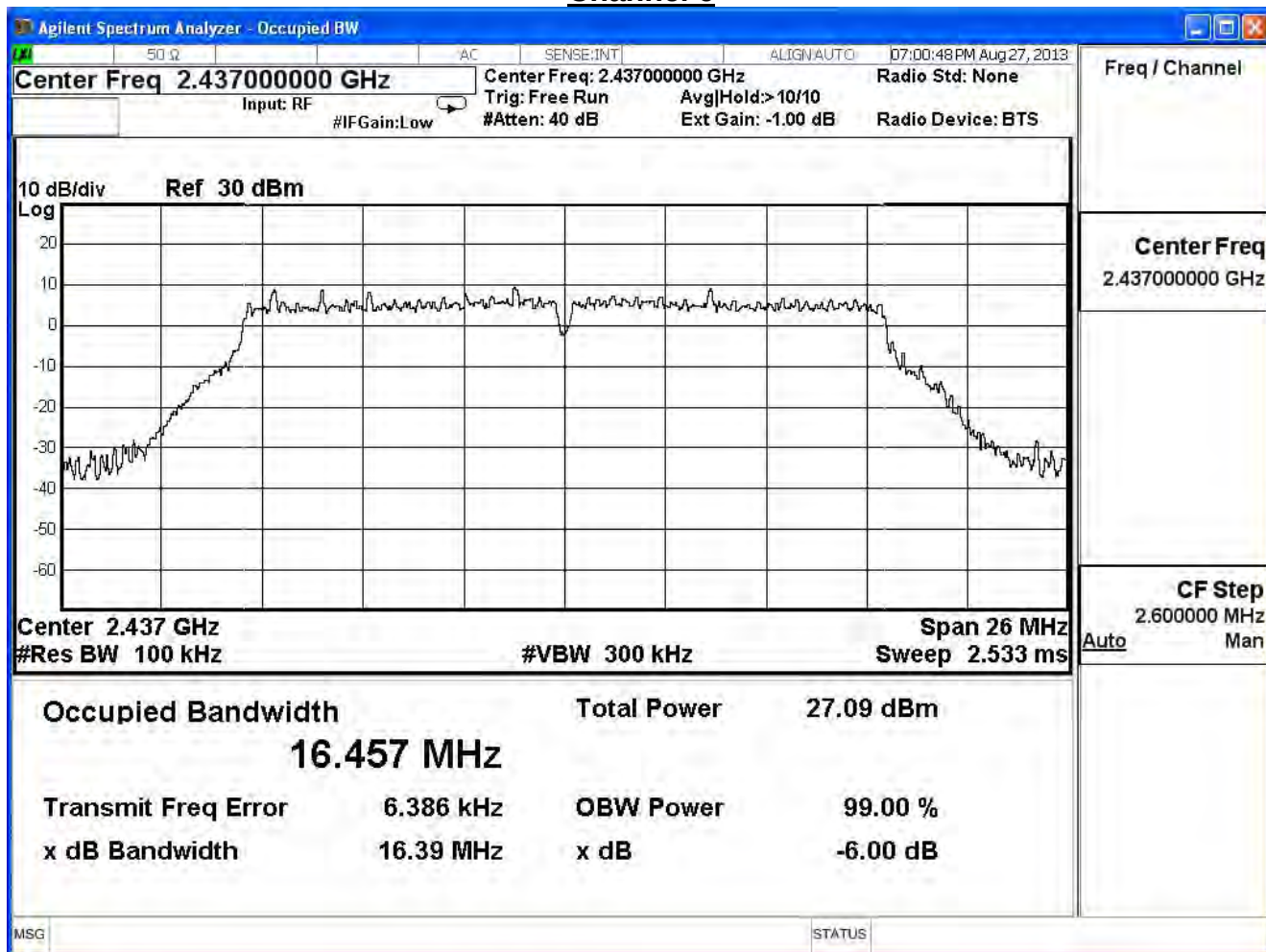
## IEEE 802.11g (ANT2)

| Channel No. | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
|-------------|-----------------|-------------------------|----------------------|--------|
| 1           | 2412            | 16.35                   | $\geq 0.5$           | Pass   |
| 6           | 2437            | 16.39                   | $\geq 0.5$           | Pass   |
| 11          | 2462            | 16.35                   | $\geq 0.5$           | Pass   |

## Channel 1



## Channel 6



### Channel 11

