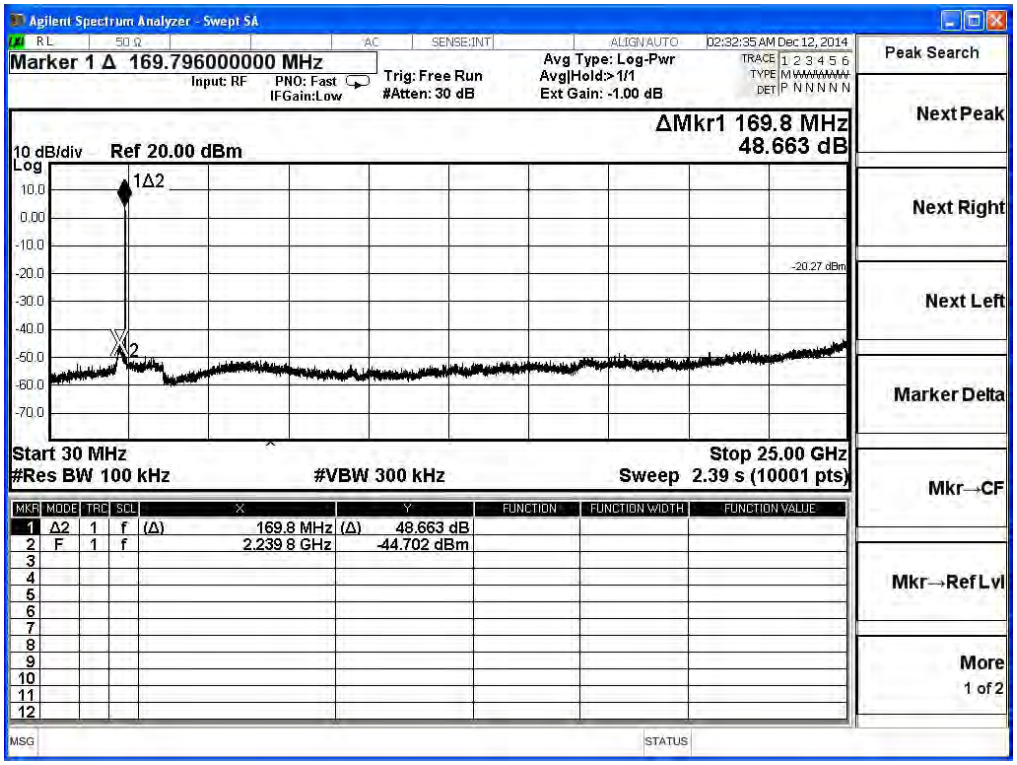
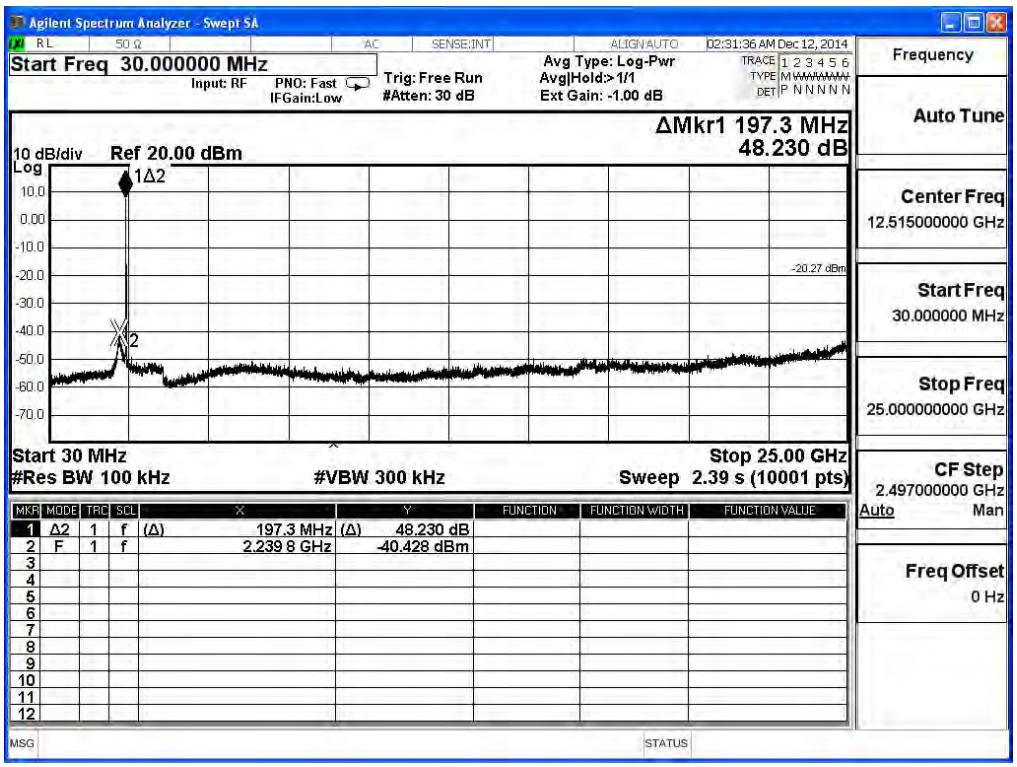
| Product | Gigabit Router Dual-band Wireless-N900 | | |
|---|---|---|---|
| Test Item | RF antenna conducted test | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/12/21 | Test Site | SR7 |

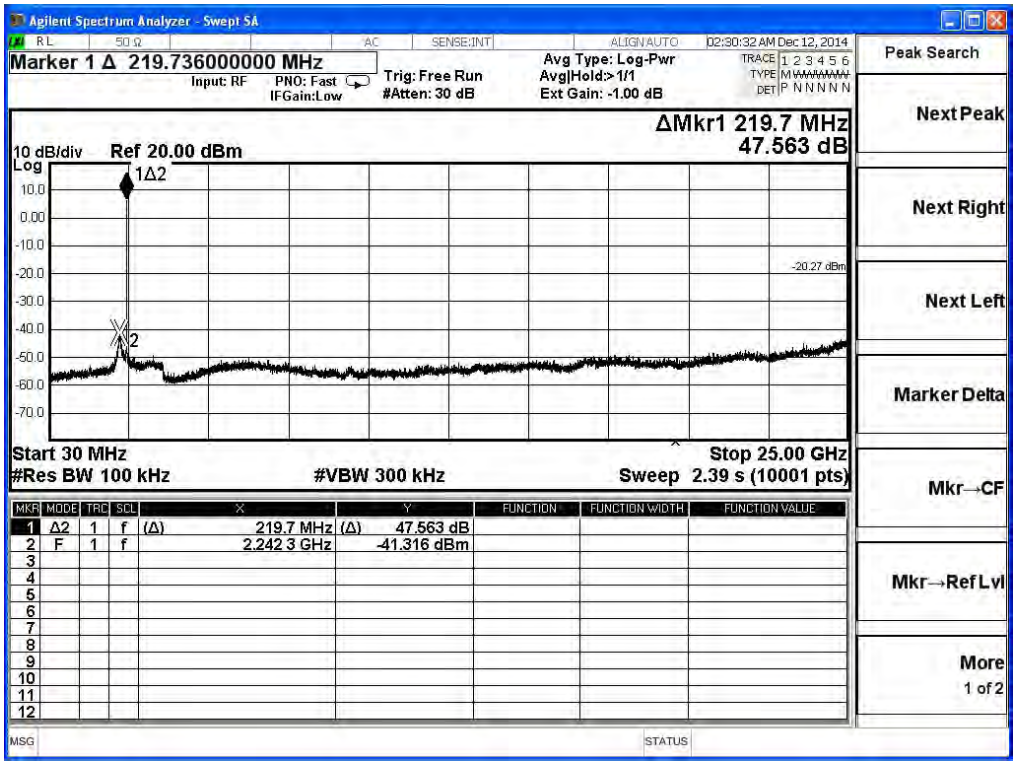
**2412MHz (30MHz-25GHz)-802.11b (ANT 0)**



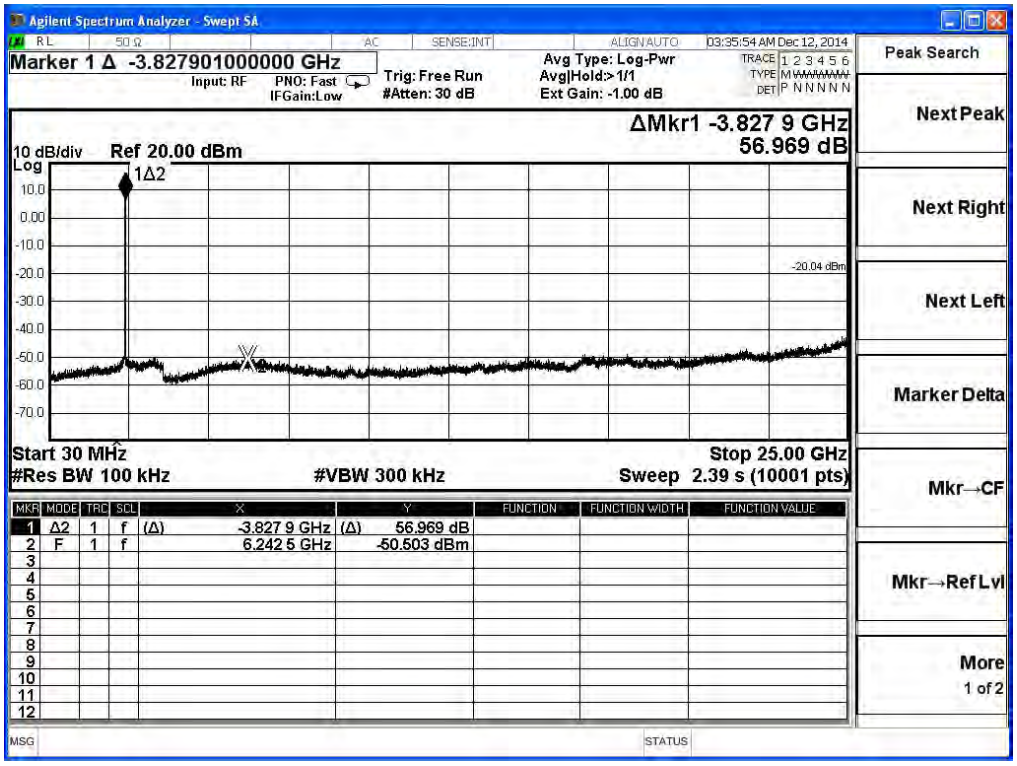

**2437MHz (30MHz-25GHz)-802.11b (ANT 0)**



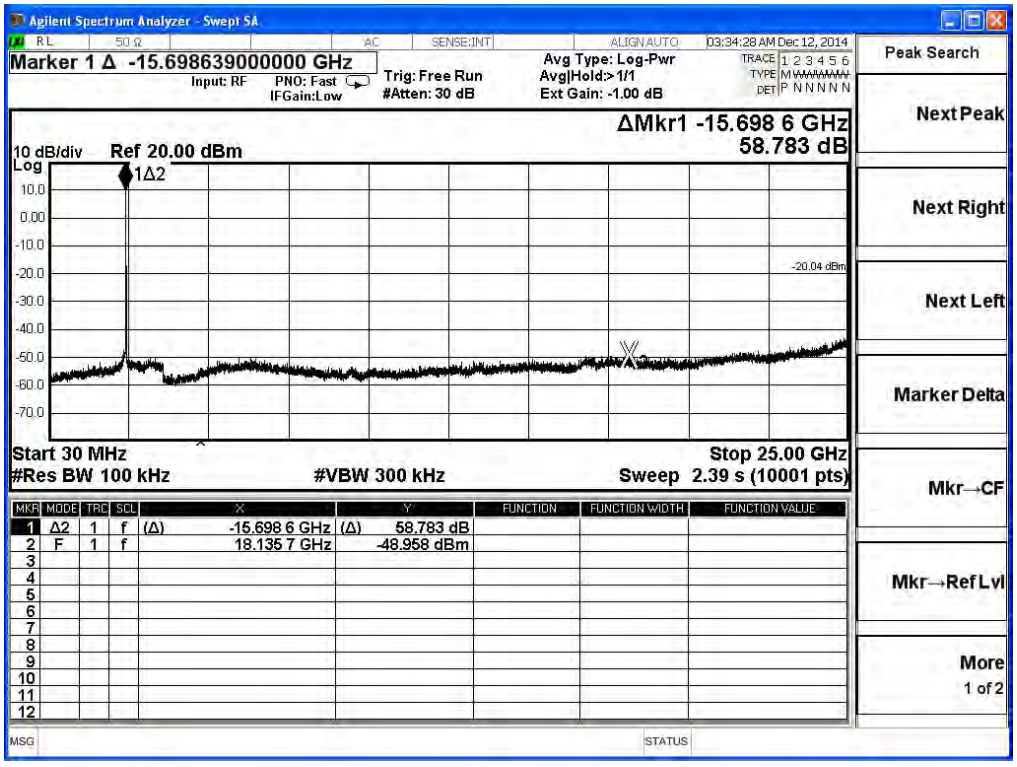
**2462MHz (30MHz-25GHz) -802.11b (ANT 0)**



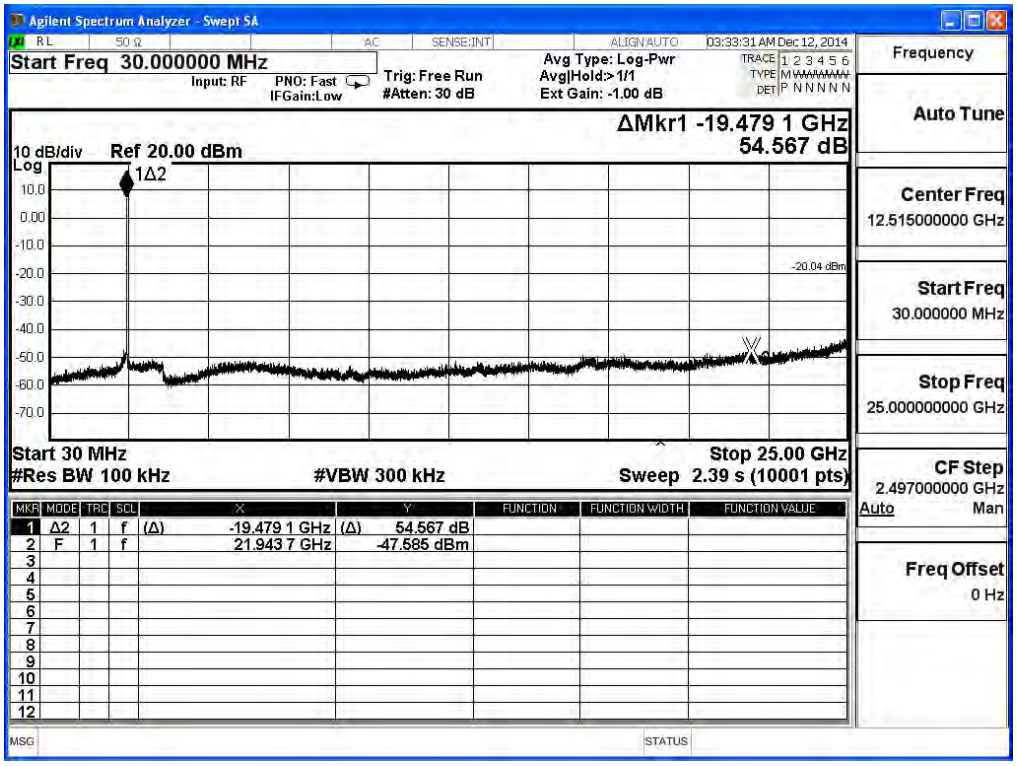
## 2412MHz (30MHz-25GHz)-802.11b (ANT 1)



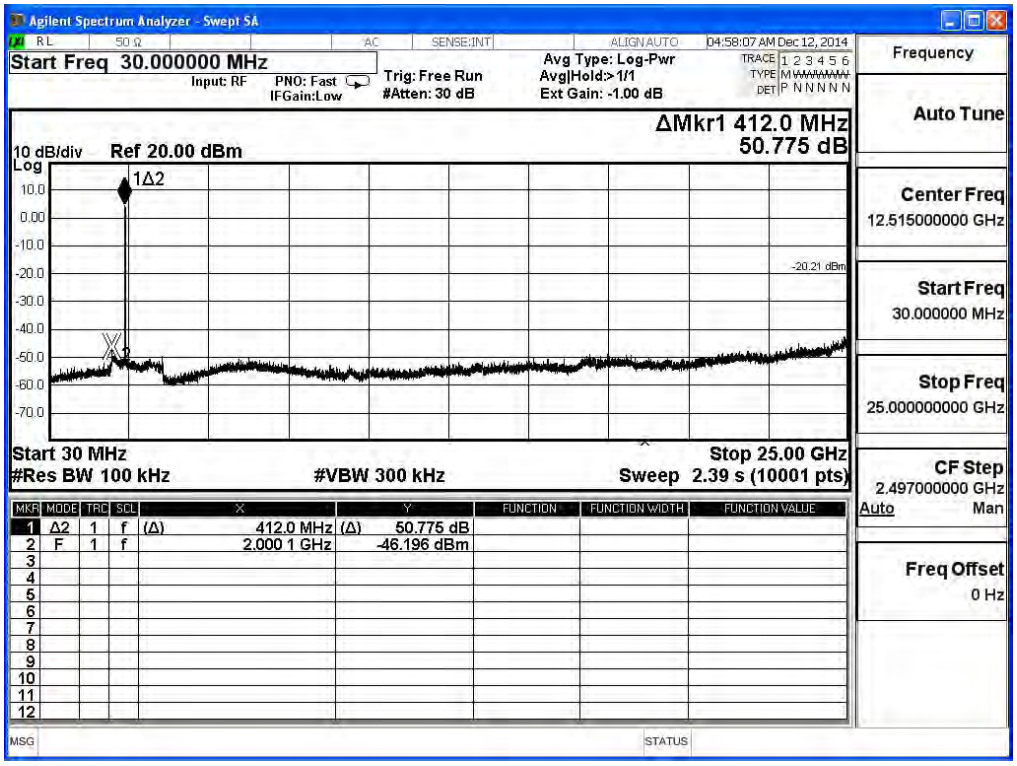

## 2437MHz (30MHz-25GHz)-802.11b (ANT 1)



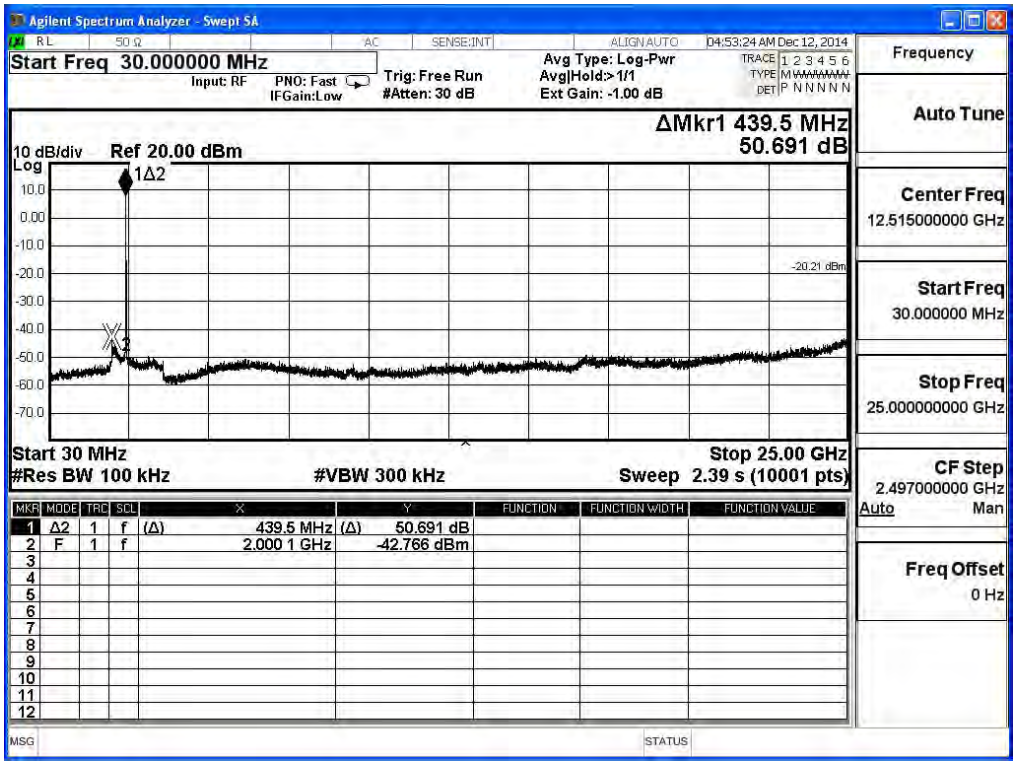
**2462MHz (30MHz-25GHz) -802.11b (ANT 1)**



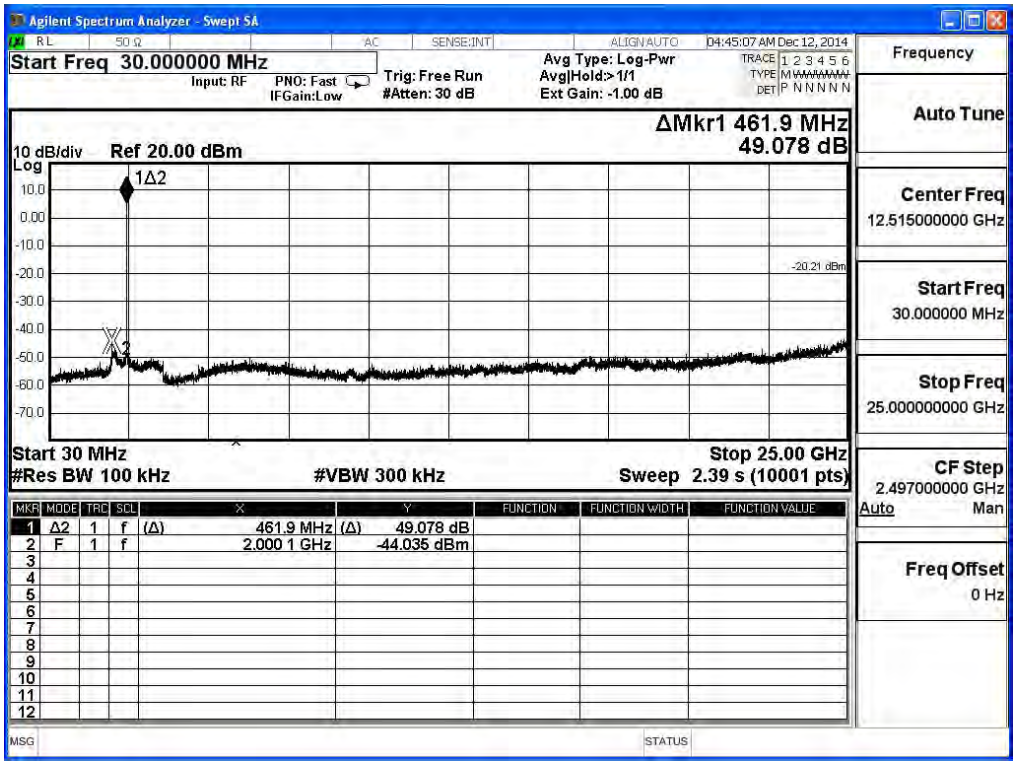
## 2412MHz (30MHz-25GHz)-802.11b (ANT 2)



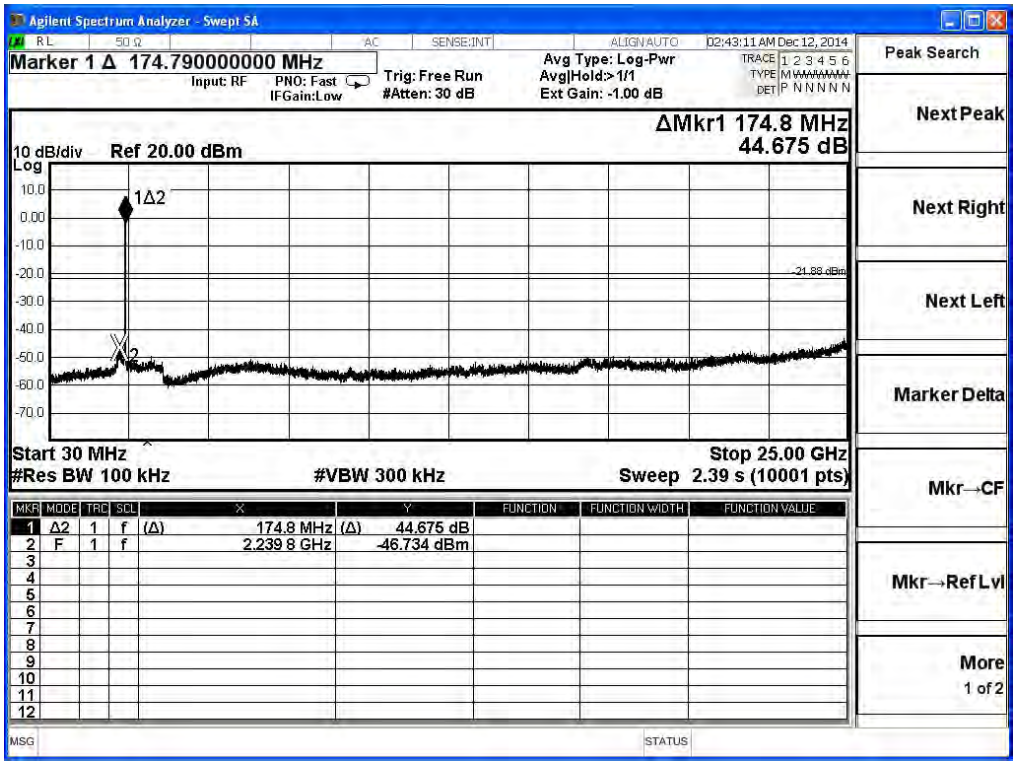

## 2437MHz (30MHz-25GHz)-802.11b (ANT 2)



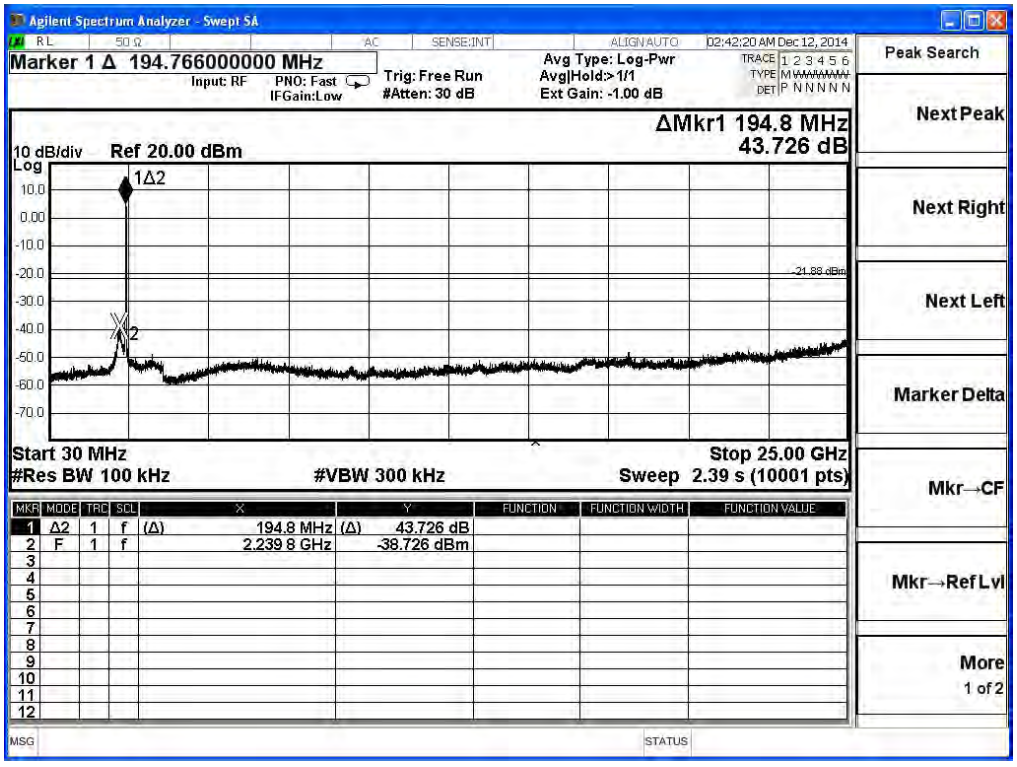
**2462MHz (30MHz-25GHz) -802.11b (ANT 2)**



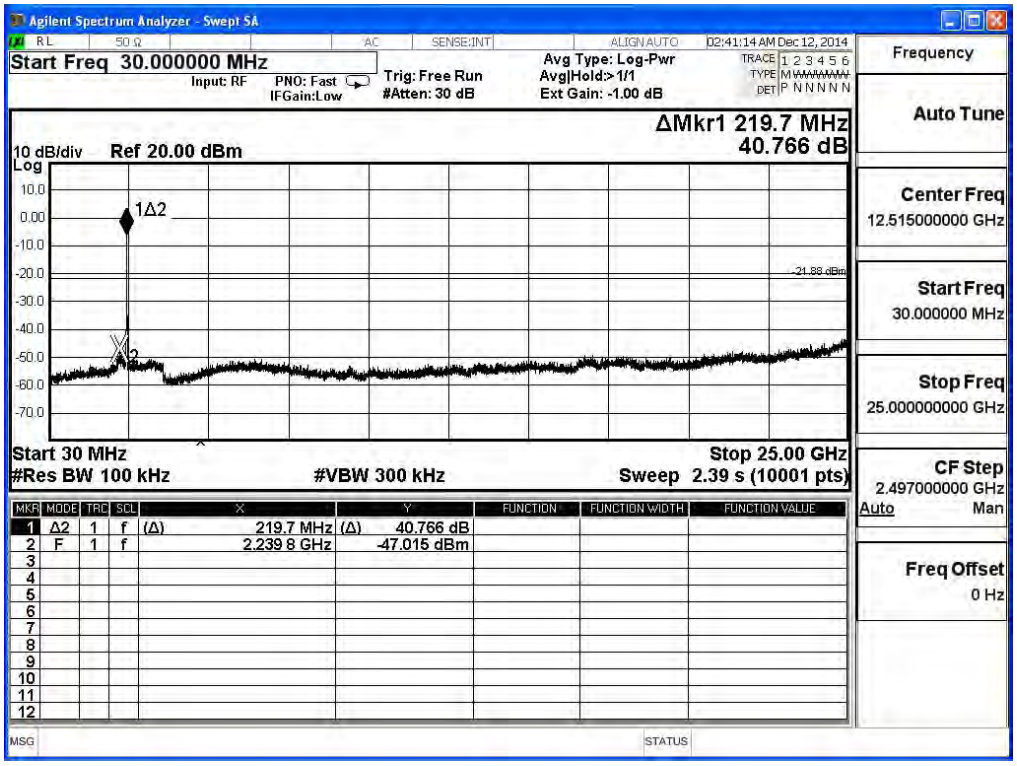
## 2412MHz (30MHz-25GHz)-802.11g (ANT 0)



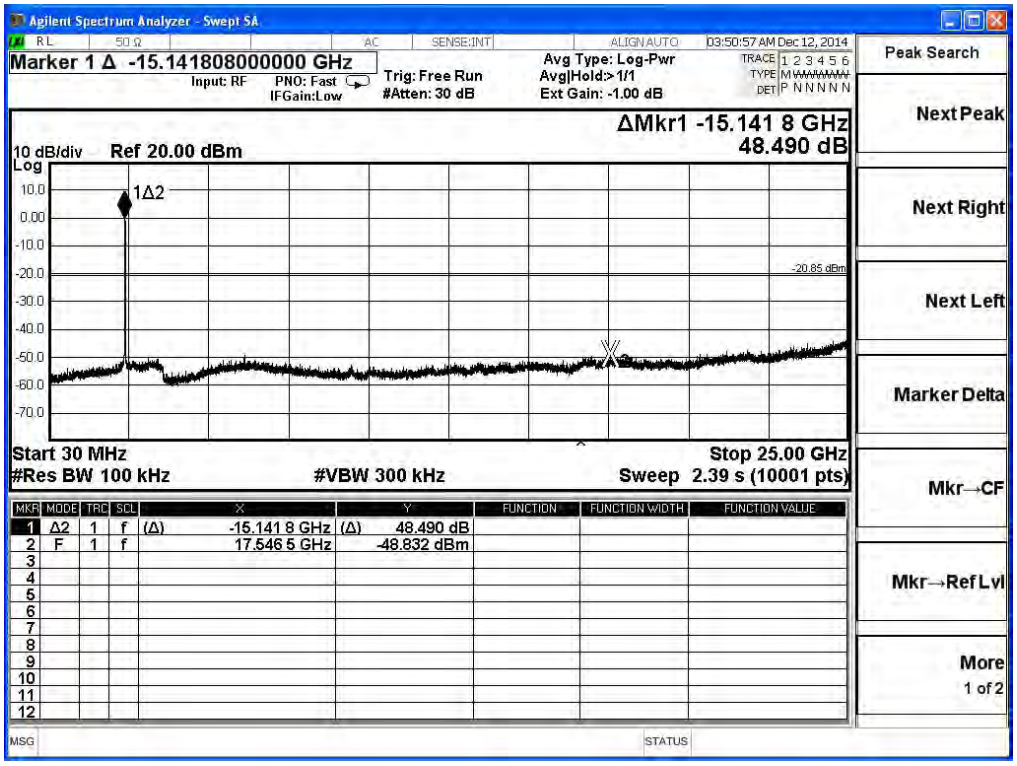

## 2437MHz (30MHz-25GHz)-802.11g (ANT 0)



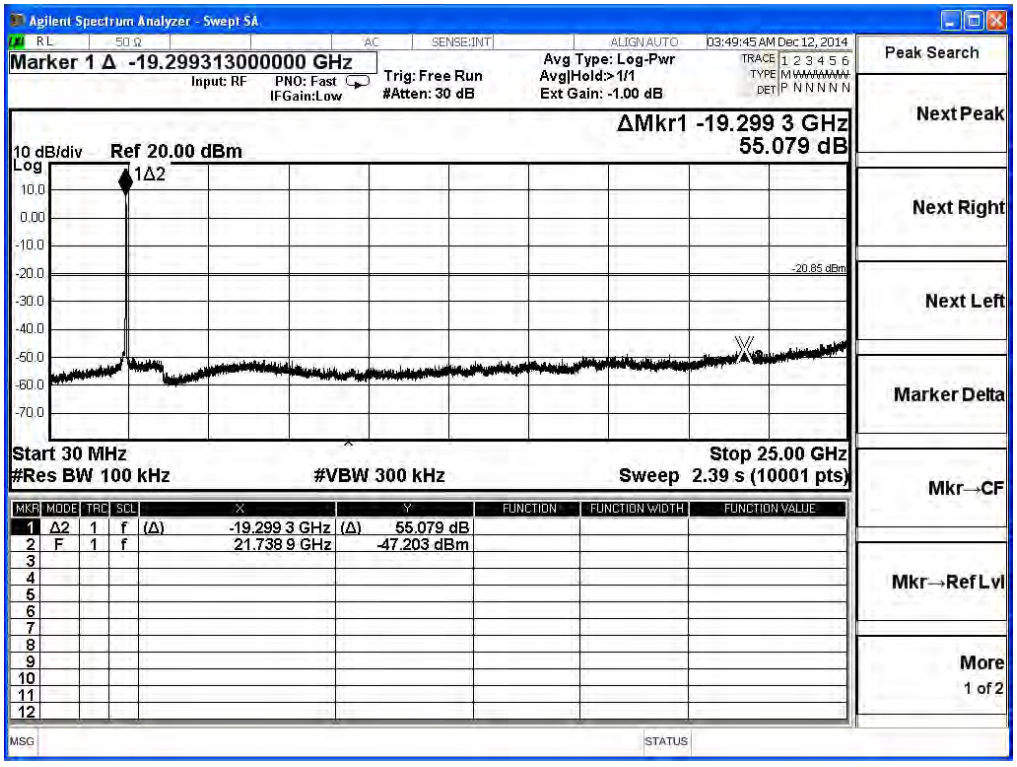
**2462MHz (30MHz-25GHz) -802.11g (ANT 0)**



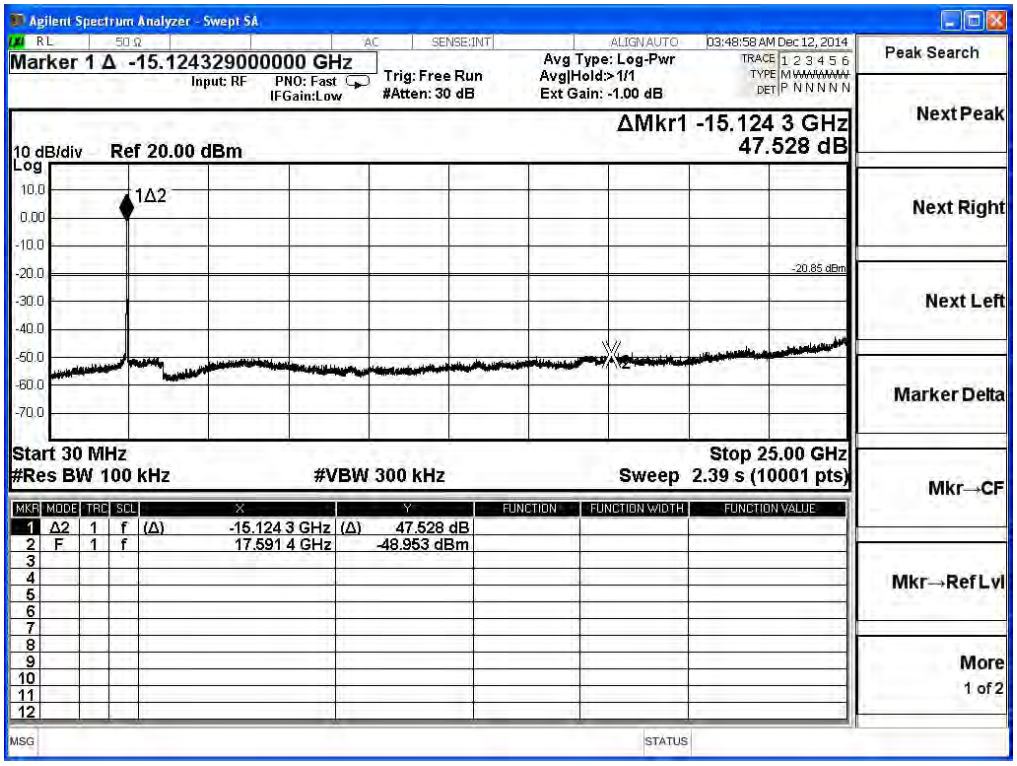
## 2412MHz (30MHz-25GHz)-802.11g (ANT 1)



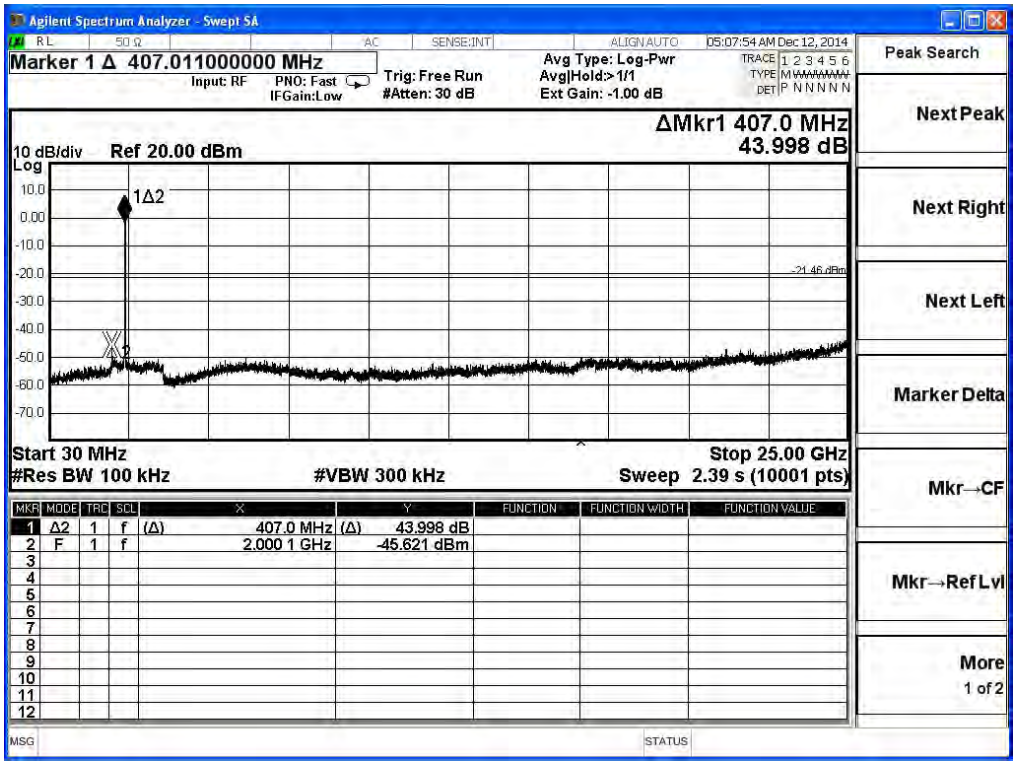

## 2437MHz (30MHz-25GHz)-802.11g (ANT 1)



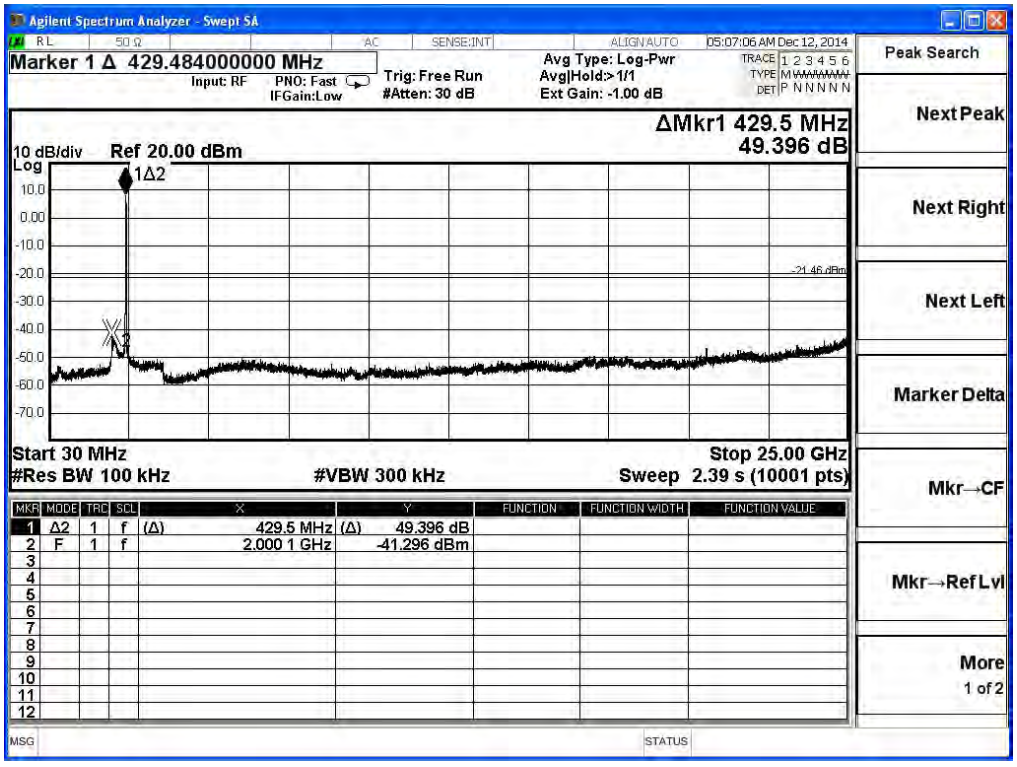
**2462MHz (30MHz-25GHz) -802.11g (ANT 1)**



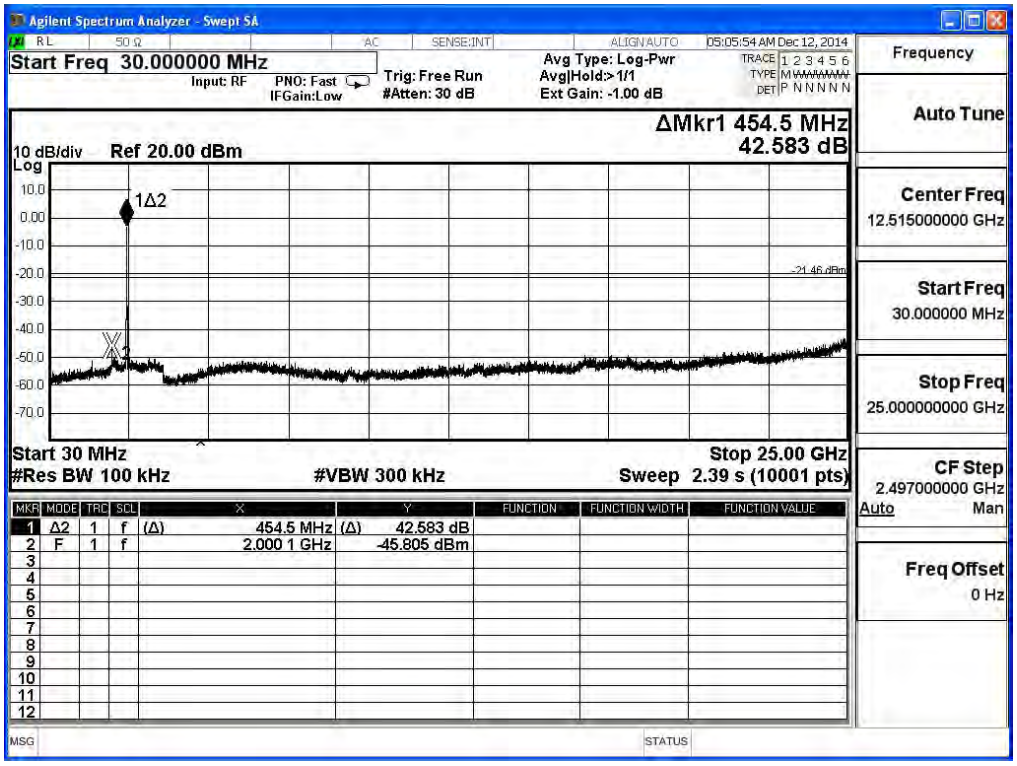
## 2412MHz (30MHz-25GHz)-802.11g (ANT 2)



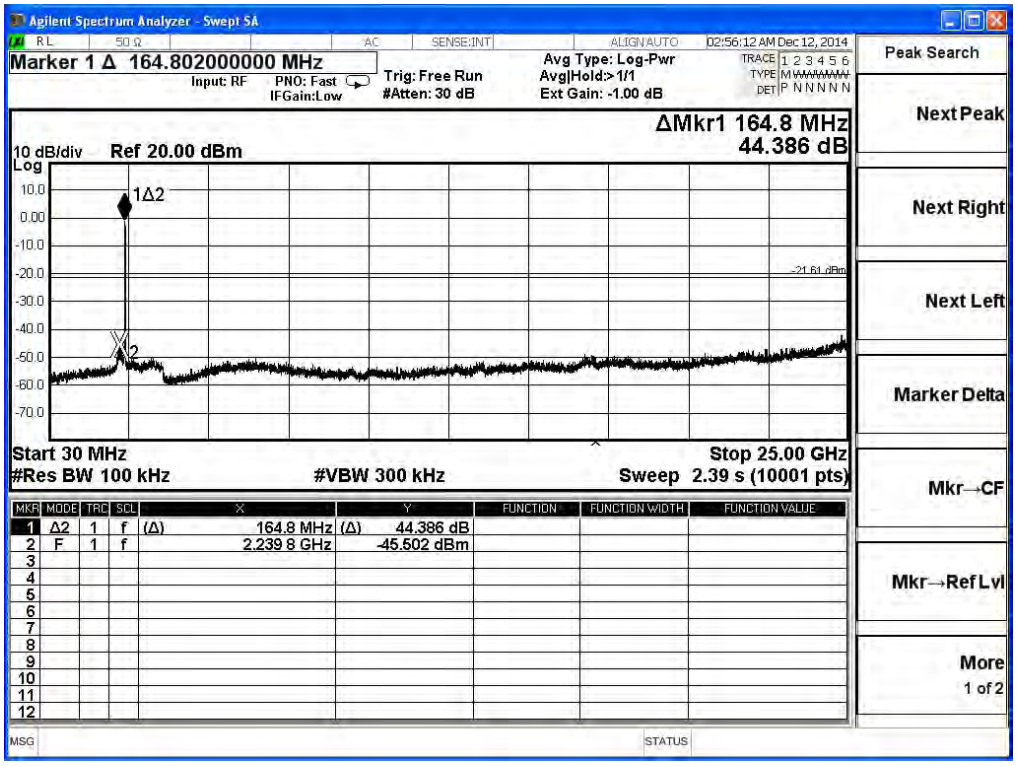

## 2437MHz (30MHz-25GHz)-802.11g (ANT 2)



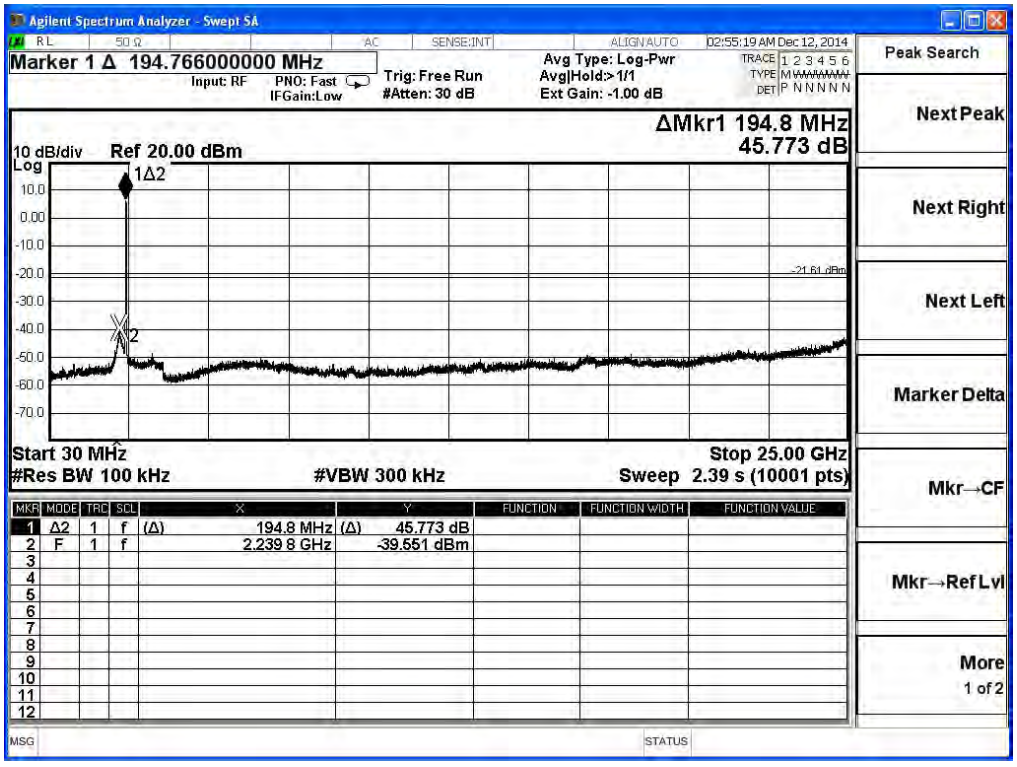
**2462MHz (30MHz-25GHz) -802.11g (ANT 2)**



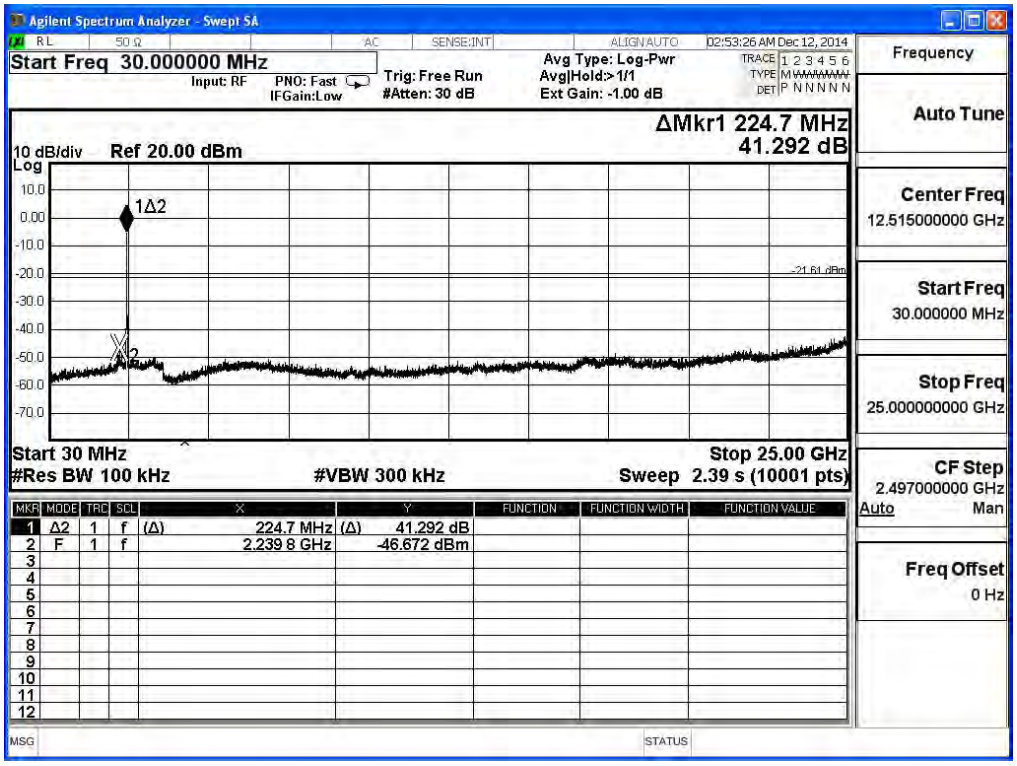
**2412MHz (30MHz-25GHz)- 802.11n(20MHz)(ANT 0)**



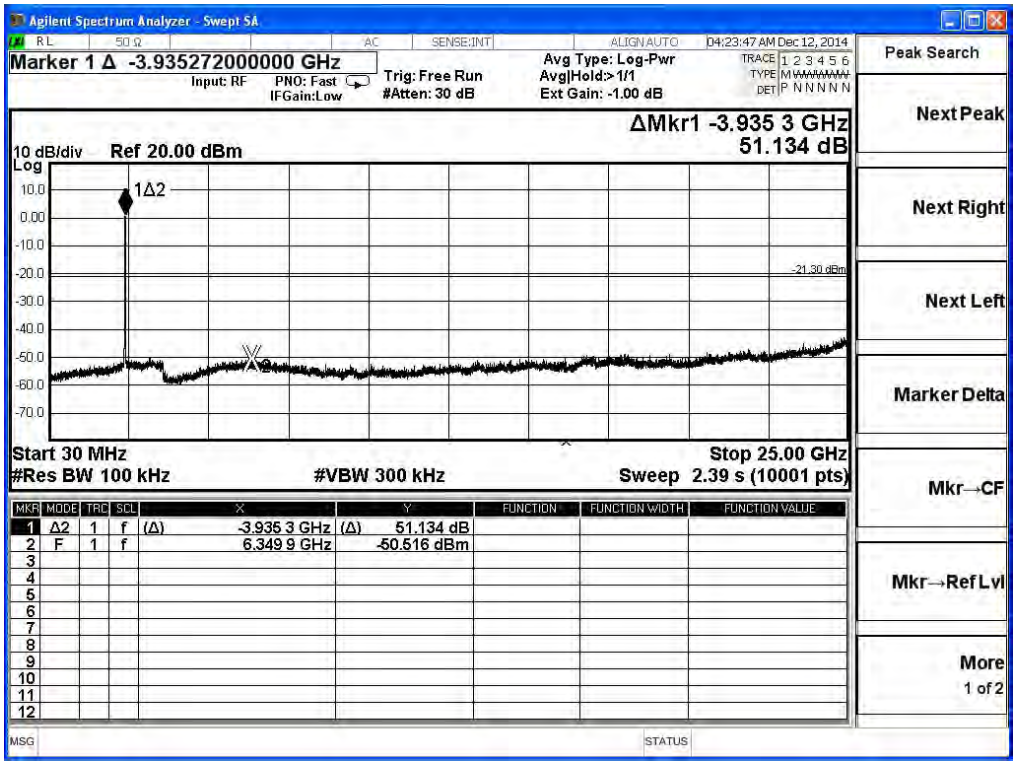

**2437MHz (30MHz-25GHz)- 802.11n(20MHz)(ANT 0)**



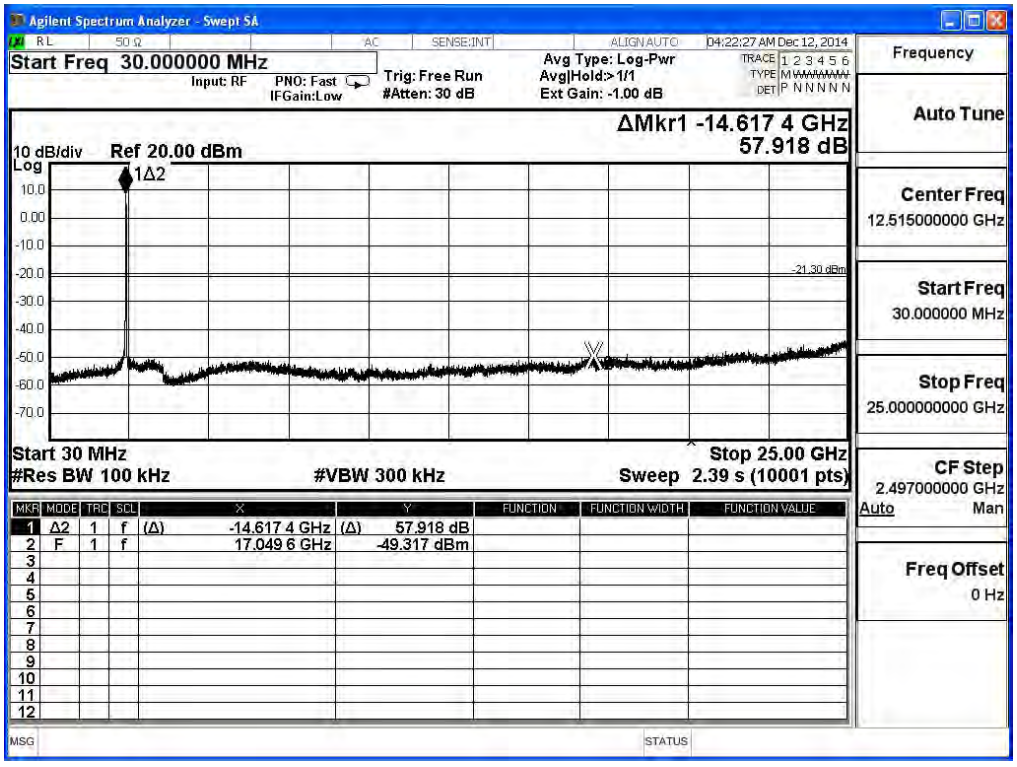
**2462MHz (30MHz-25GHz) -802.11n(20MHz)(ANT 0)**



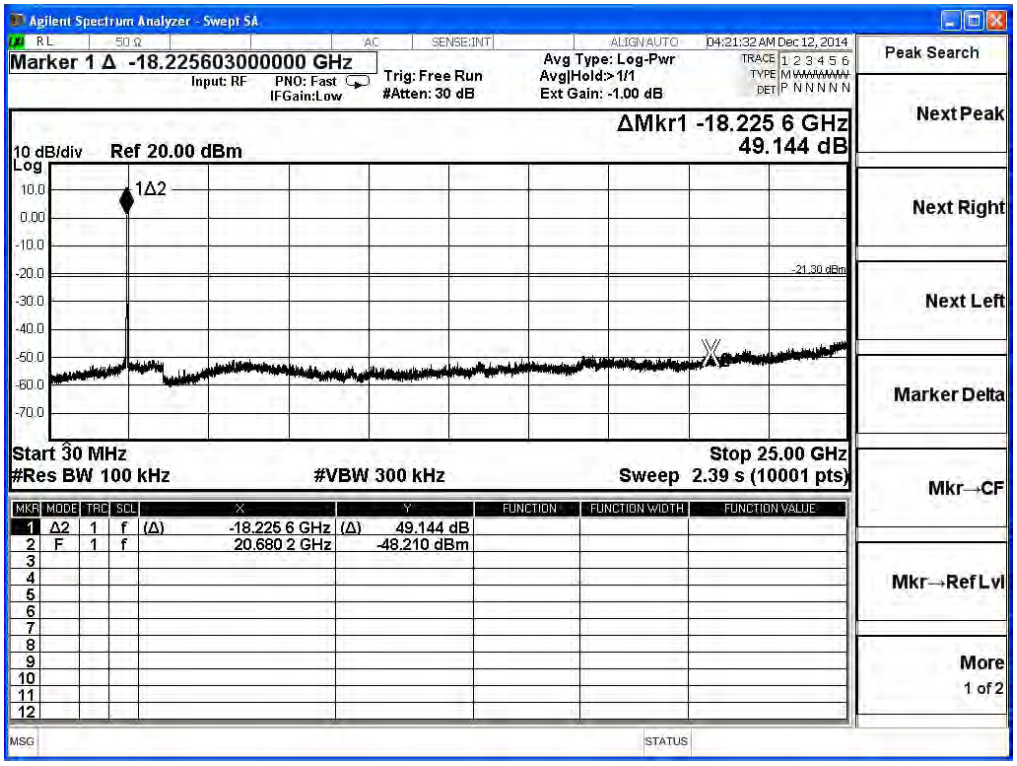
## 2412MHz (30MHz-25GHz)- 802.11n(20MHz)(ANT 1)



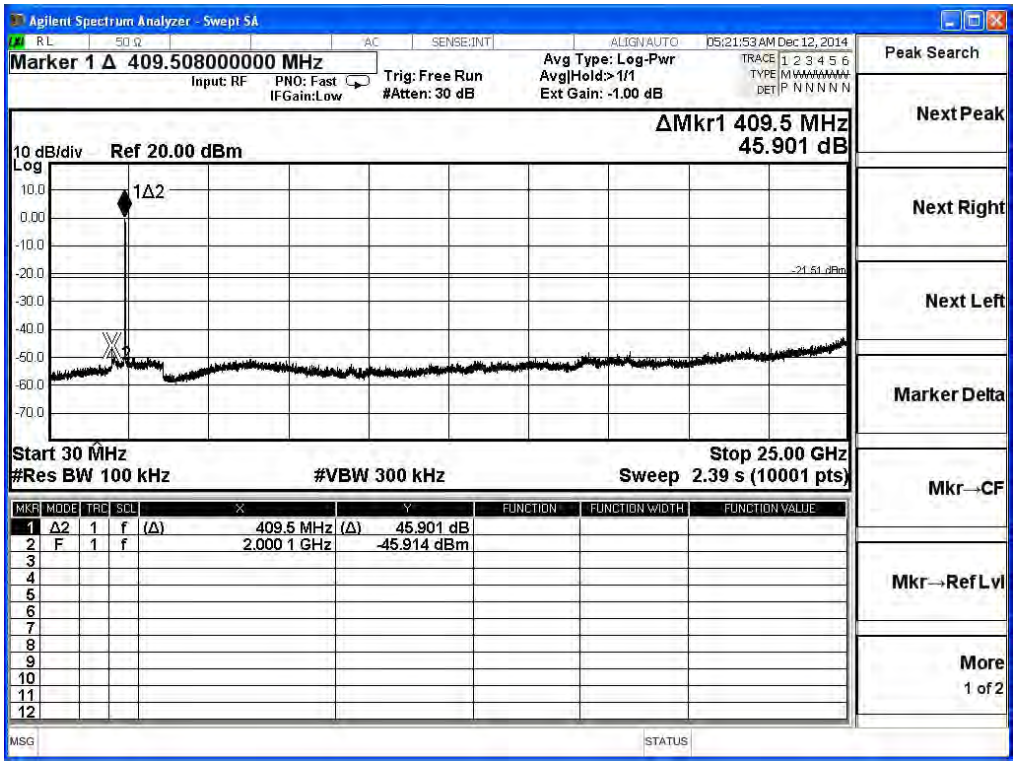

## 2437MHz (30MHz-25GHz)- 802.11n(20MHz)(ANT 1)



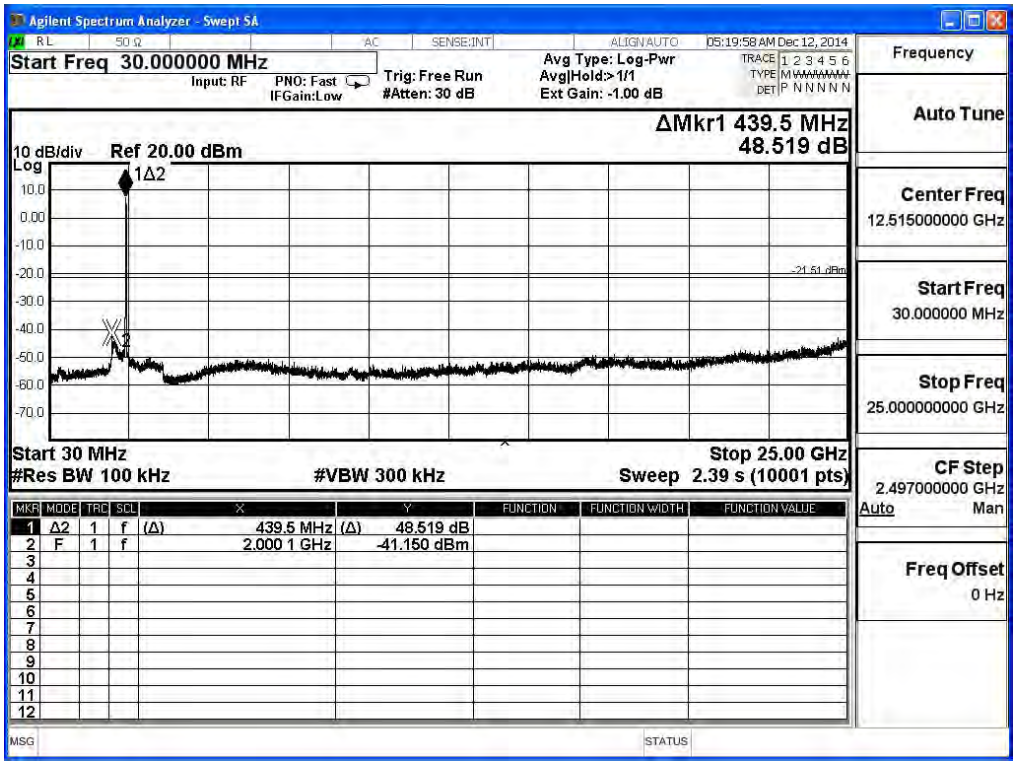
**2462MHz (30MHz-25GHz) -802.11n(20MHz)(ANT 1)**



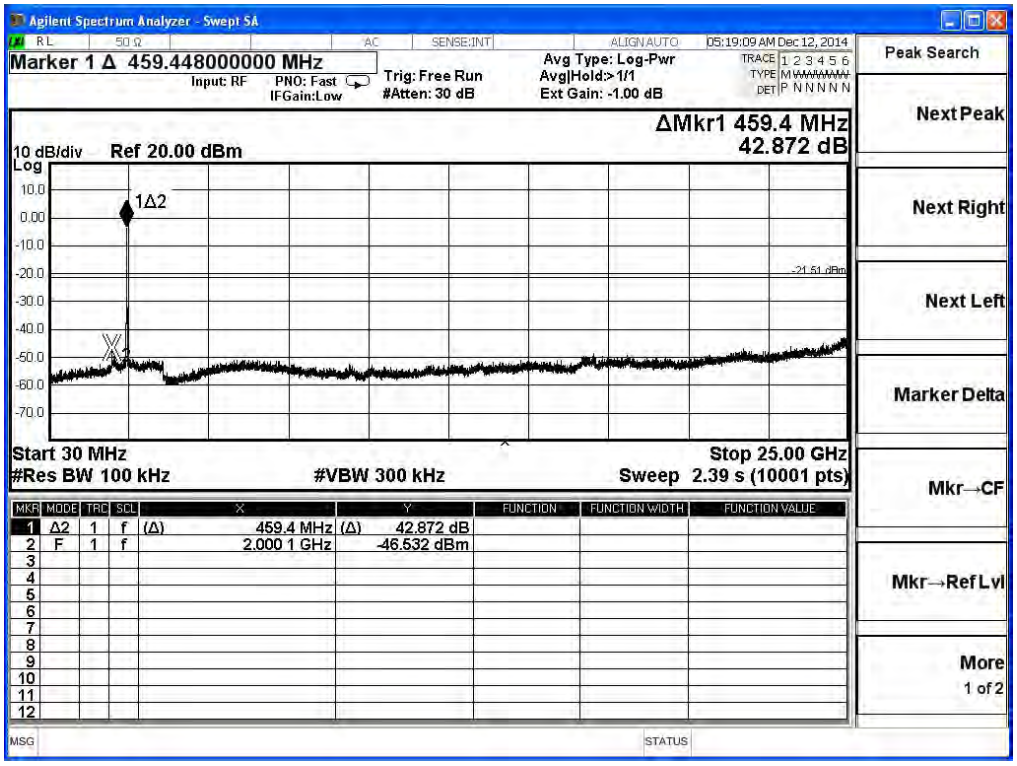
## 2412MHz (30MHz-25GHz)- 802.11n(20MHz)(ANT 2)



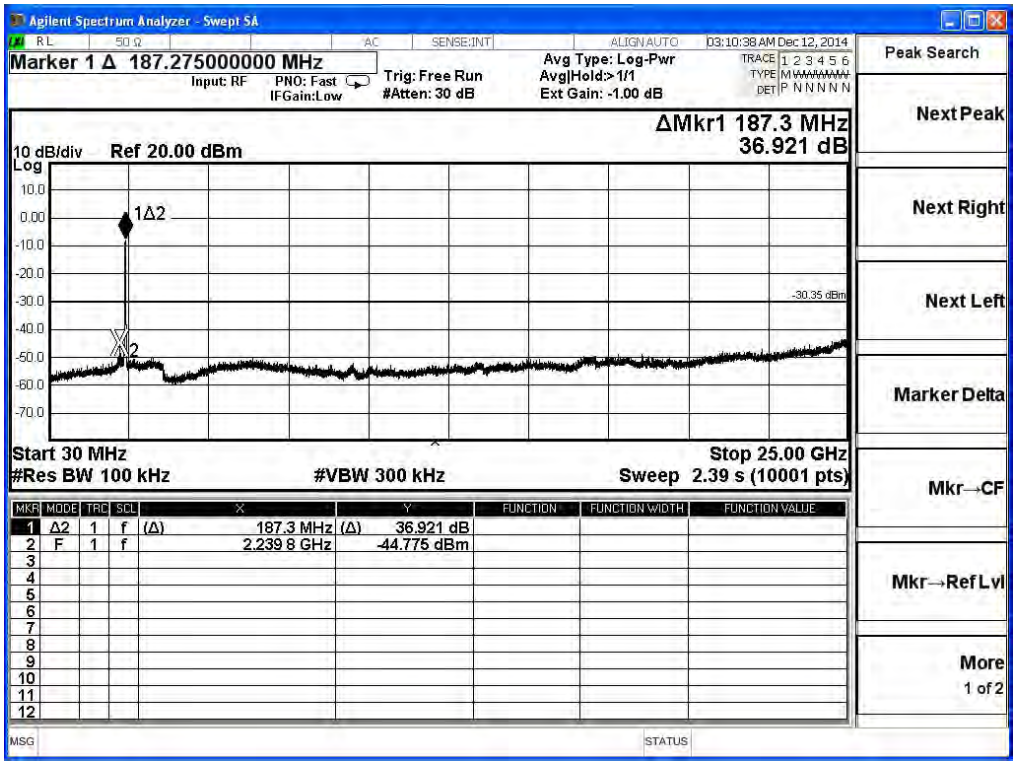

## 2437MHz (30MHz-25GHz)- 802.11n(20MHz)(ANT 2)



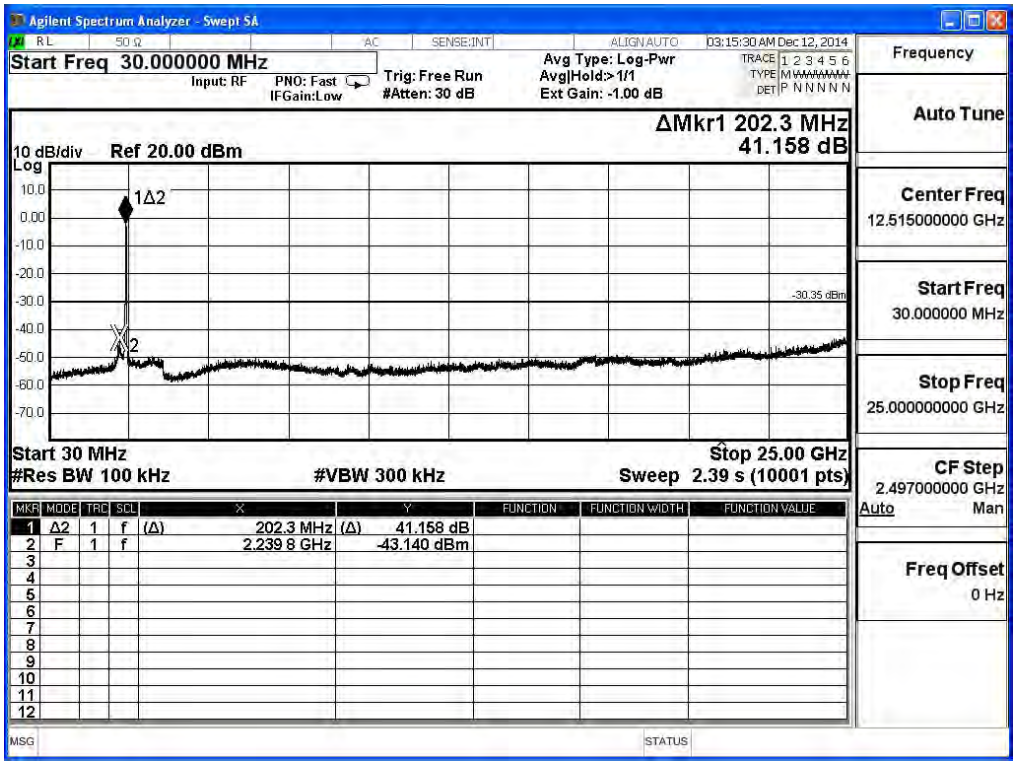
**2462MHz (30MHz-25GHz) -802.11n(20MHz)(ANT 2)**



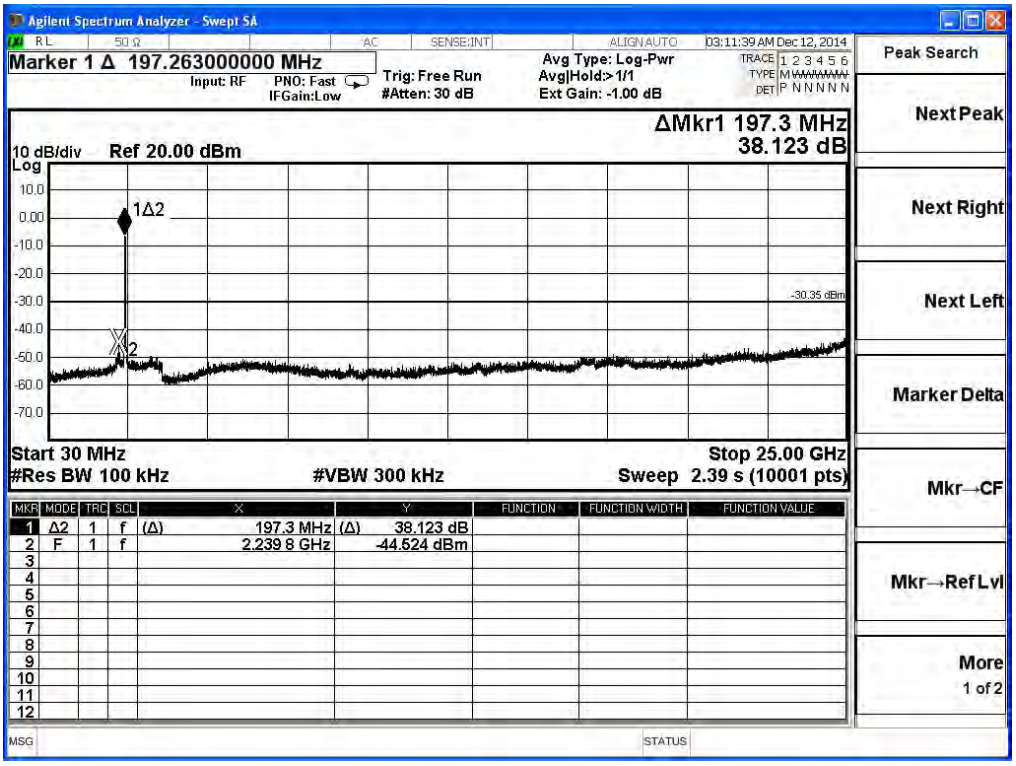
## 2422MHz (30MHz-25GHz)- 802.11n(40MHz)-(ANT 0)



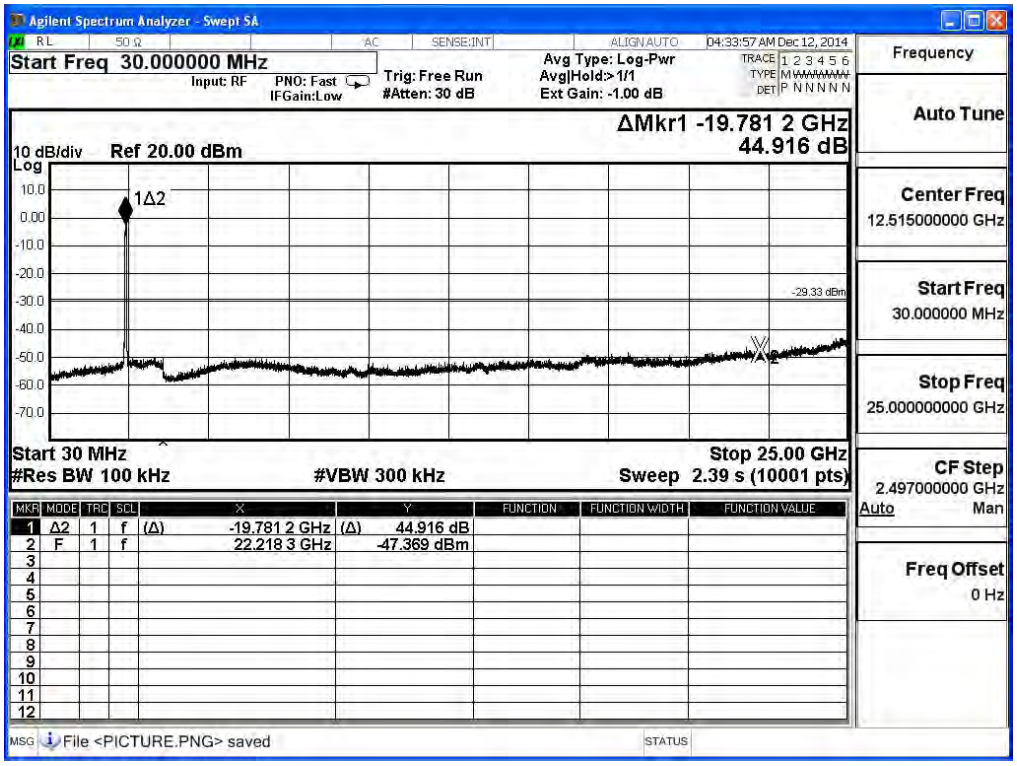

## 2437MHz (30MHz-25GHz)- 802.11n(40MHz)- (ANT 0)



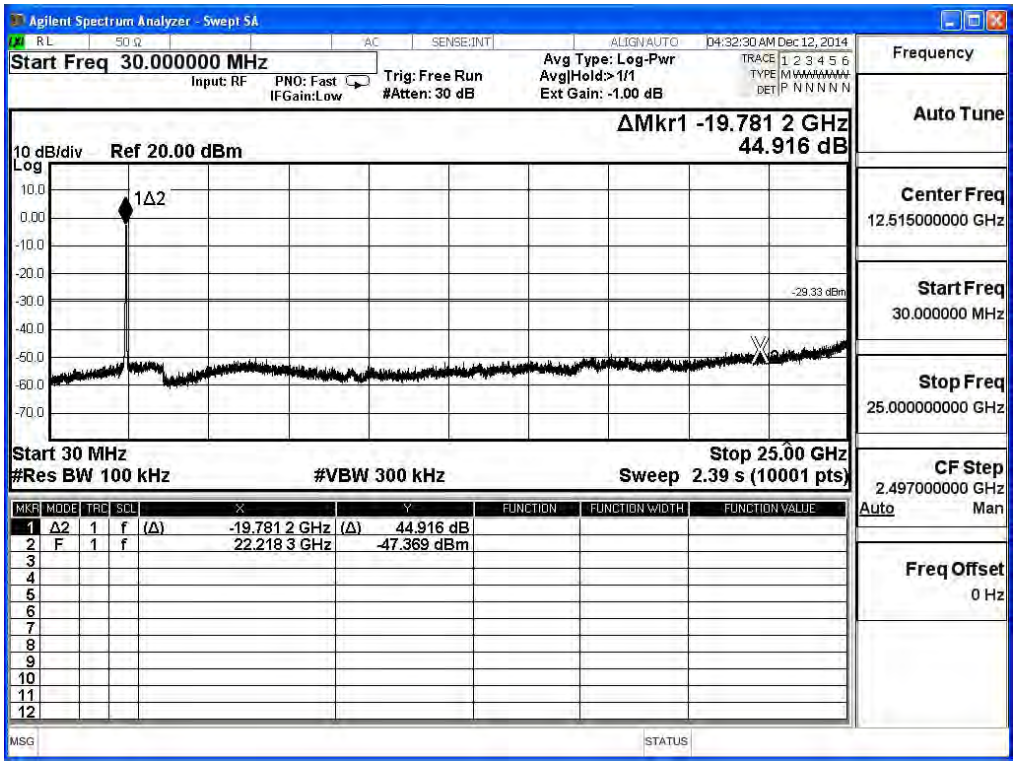
**2452MHz (30MHz-25GHz) -802.11n(40MHz) (ANT 0)**



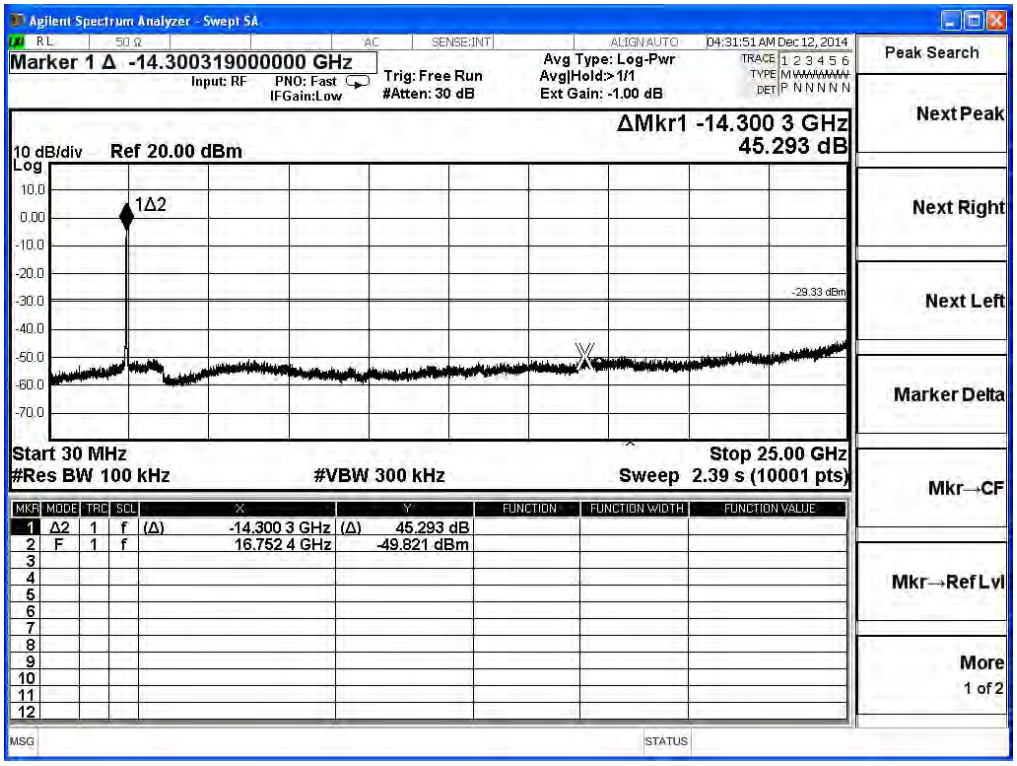
## 2422MHz (30MHz-25GHz)- 802.11n(40MHz)-(ANT 1)



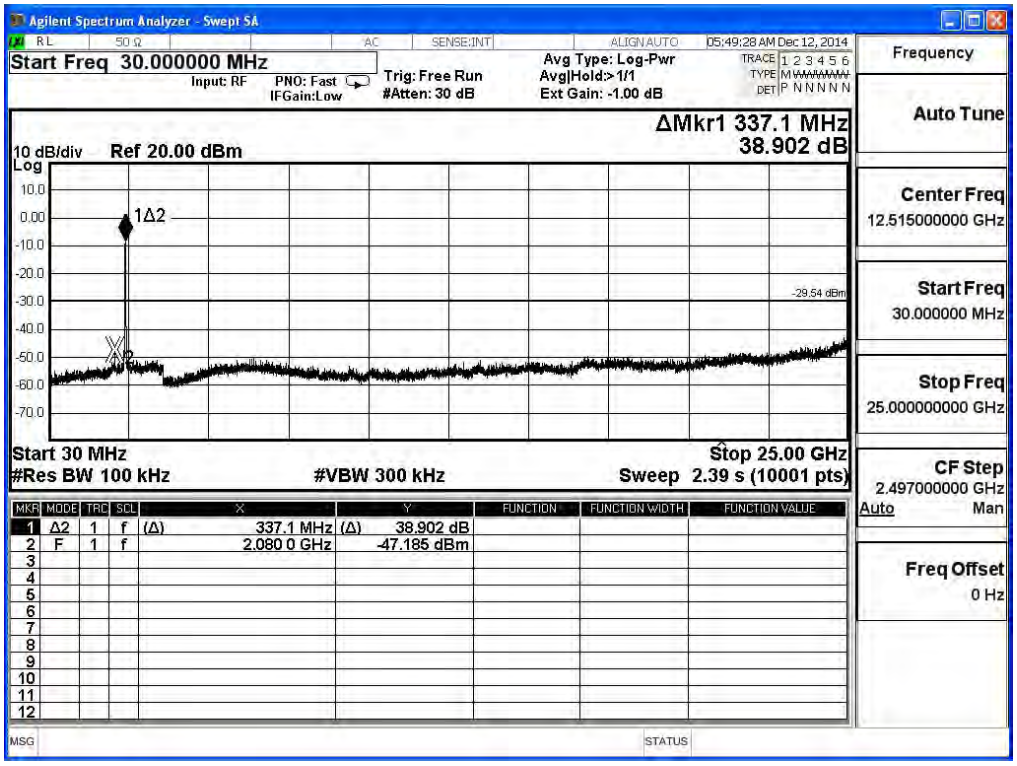

## 2437MHz (30MHz-25GHz)- 802.11n(40MHz)- (ANT 1)



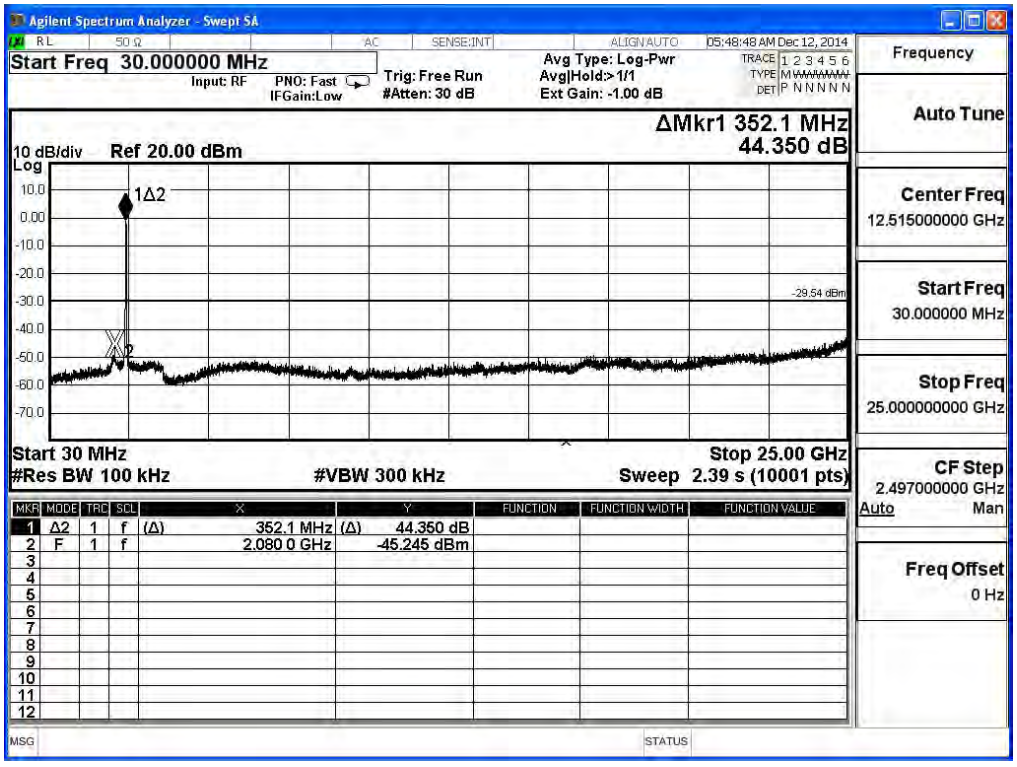
**2452MHz (30MHz-25GHz) -802.11n(40MHz) (ANT 1)**



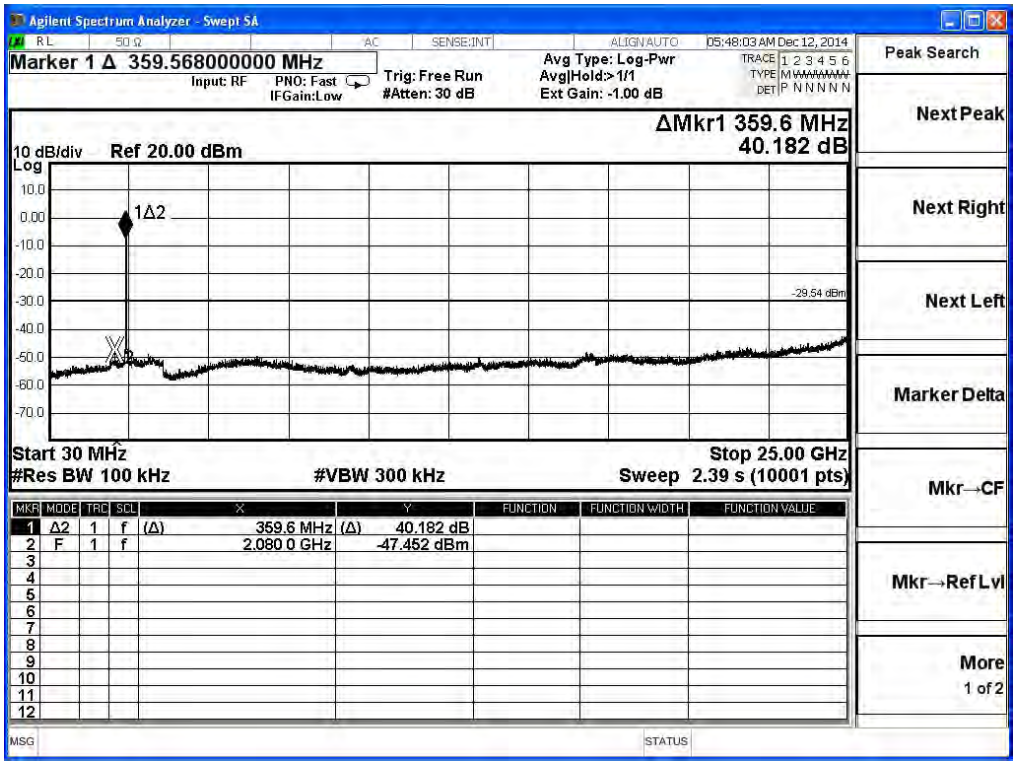
## 2422MHz (30MHz-25GHz)- 802.11n(40MHz)-(ANT 2)




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



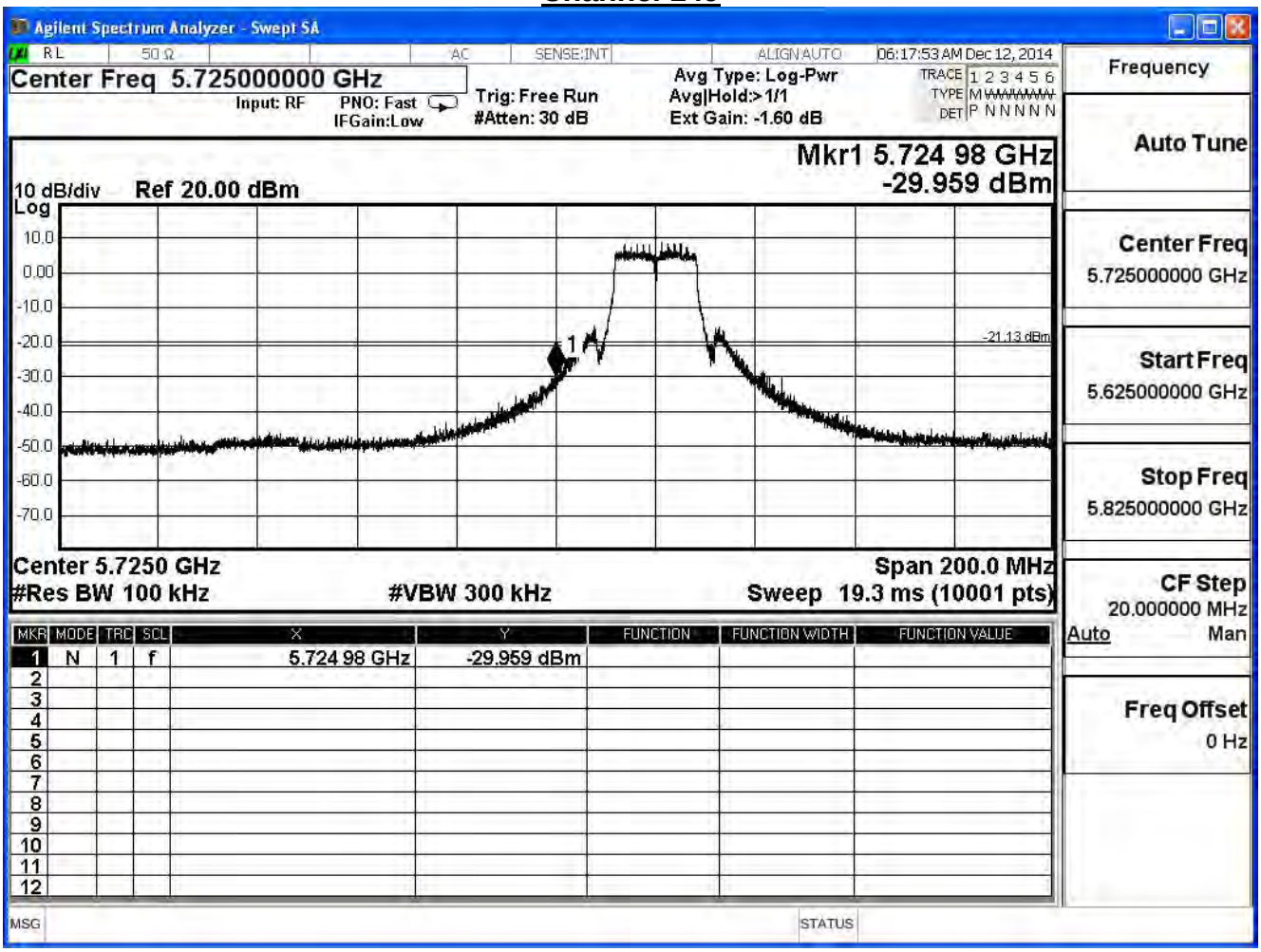
**2452MHz (30MHz-25GHz) -802.11n(40MHz) (ANT 2)**



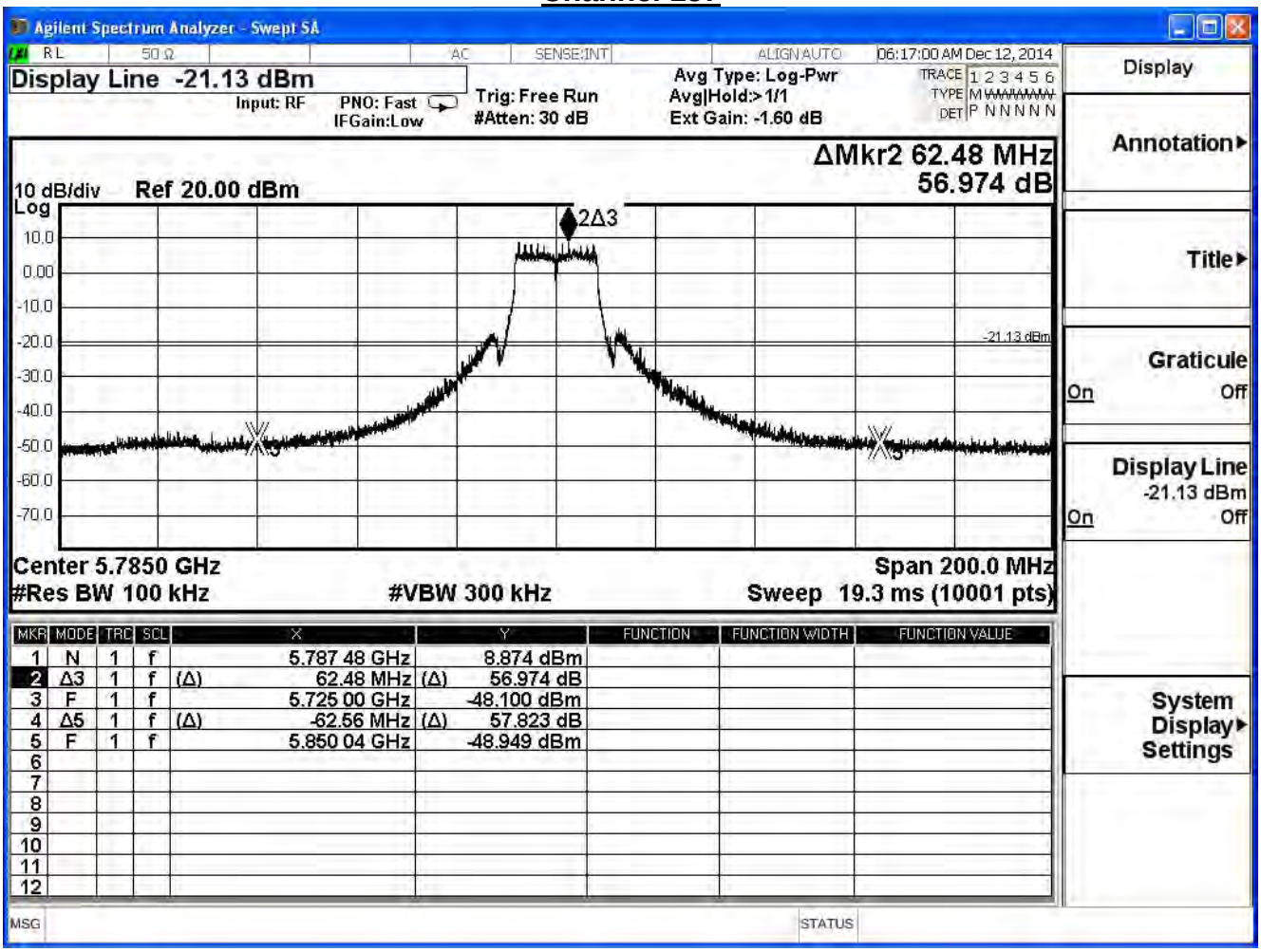
| | | | |
|---|---|---|---|
| Product | Gigabit Router Dual-band Wireless-N900 | | |
| Test Item | RF antenna conducted test | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/12/21 | Test Site | SR7 |

| IEEE 802.11a (ANT 0), Antenna Gain: 4dBi | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 149 | 5745 | 38.833 | ≧30 | Pass |
| 157 | 5785 | 56.974 | ≧30 | Pass |
| 165 | 5825 | 43.796 | ≧30 | Pass |

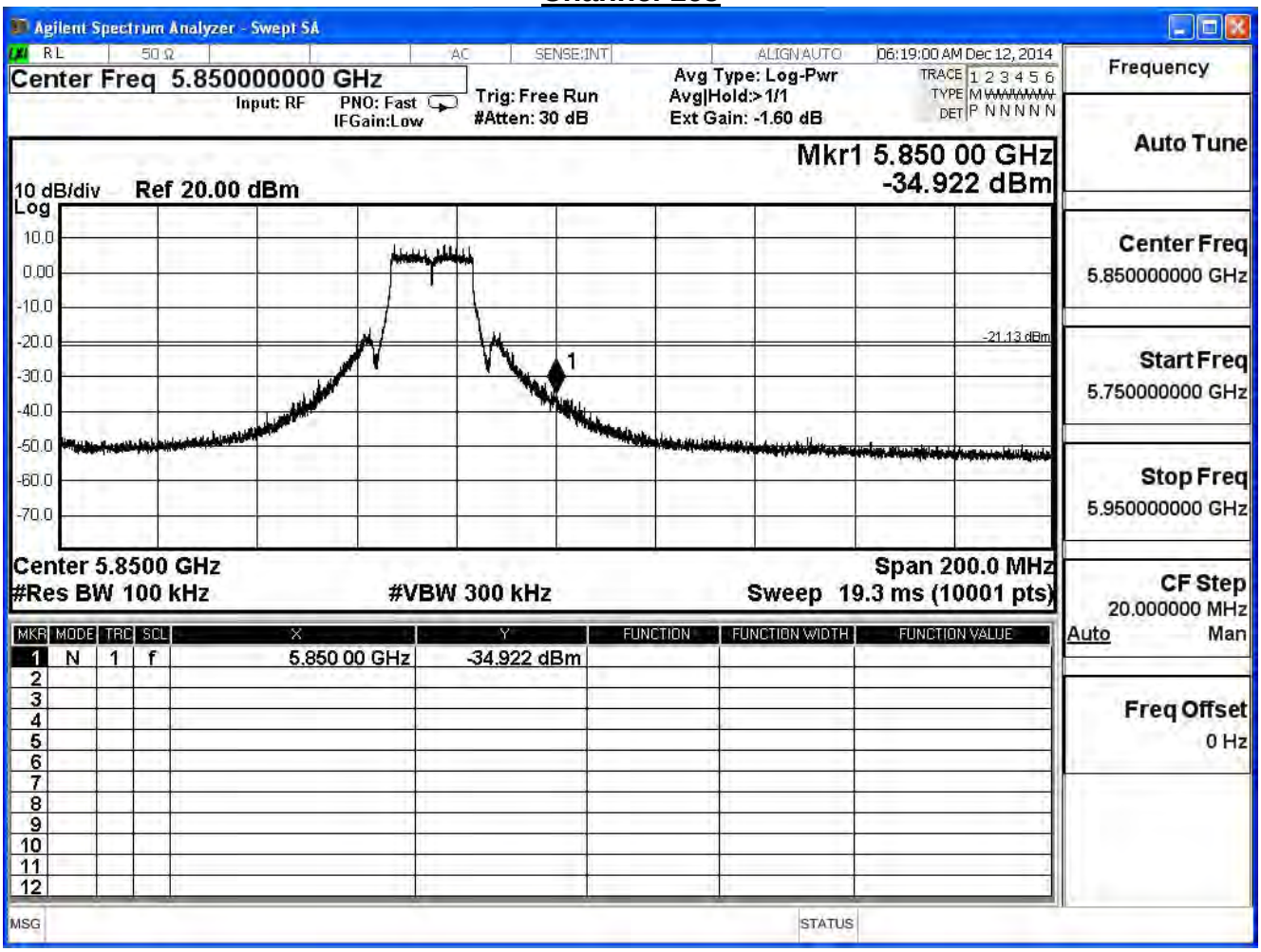
**Channel 149**



## Channel 157


Agilent Spectrum Analyzer - Swept SA
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:17:00 AM Dec 12, 2014
Display Line -21.13 dBm
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>1/1
Ext Gain: -1.60 dB
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
ΔMkr2 62.48 MHz
56.974 dB
10 dB/div
Log
Ref 20.00 dBm
2Δ3
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-21.13 dBm
Center 5.7850 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 200.0 MHz
Sweep 19.3 ms (10001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 5.787 48 GHz 8.874 dBm
2 Δ3 1 f (Δ) 62.48 MHz (Δ) 56.974 dB
3 F 1 f 5.725 00 GHz -48.100 dBm
4 Δ5 1 f (Δ) -62.56 MHz (Δ) 57.823 dB
5 F 1 f 5.850 04 GHz -48.949 dBm
6
7
8
9
10
11
12
MSG
STATUS
Display
Annotation
Title
Graticule
On Off
Display Line
-21.13 dBm
On Off
System
Display
Settings

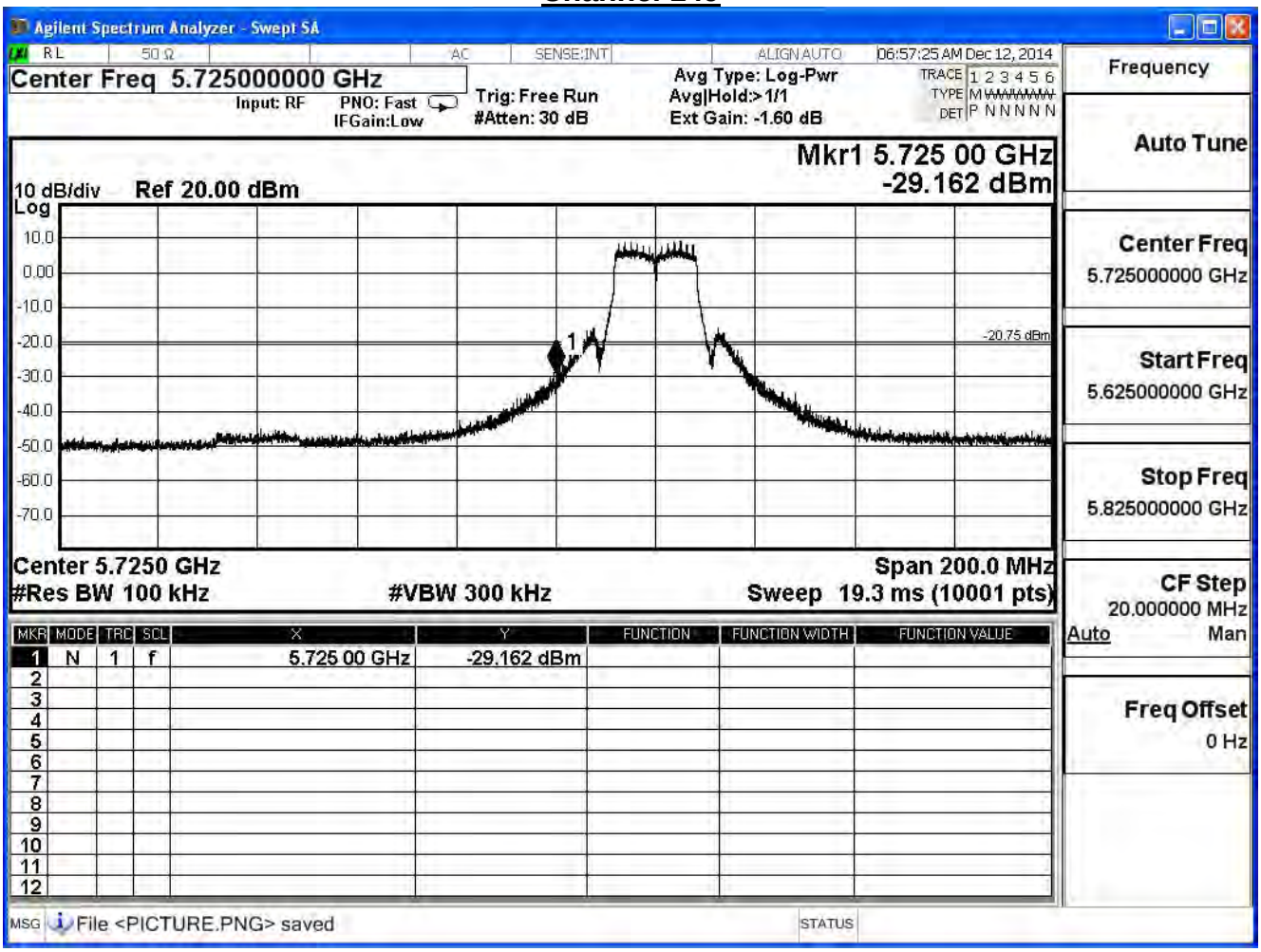
## Channel 165


Agilent Spectrum Analyzer - Swept SA
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:19:00 AM Dec 12, 2014
Center Freq 5.850000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>1/1
Ext Gain: -1.60 dB
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Mkr1 5.850 00 GHz
-34.922 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-21.13 dBm
1
Center 5.8500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 200.0 MHz
Sweep 19.3 ms (10001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 5.850 00 GHz -34.922 dBm
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.850000000 GHz
Start Freq
5.750000000 GHz
Stop Freq
5.950000000 GHz
CF Step
20.000000 MHz
Auto
Man
Freq Offset
0 Hz

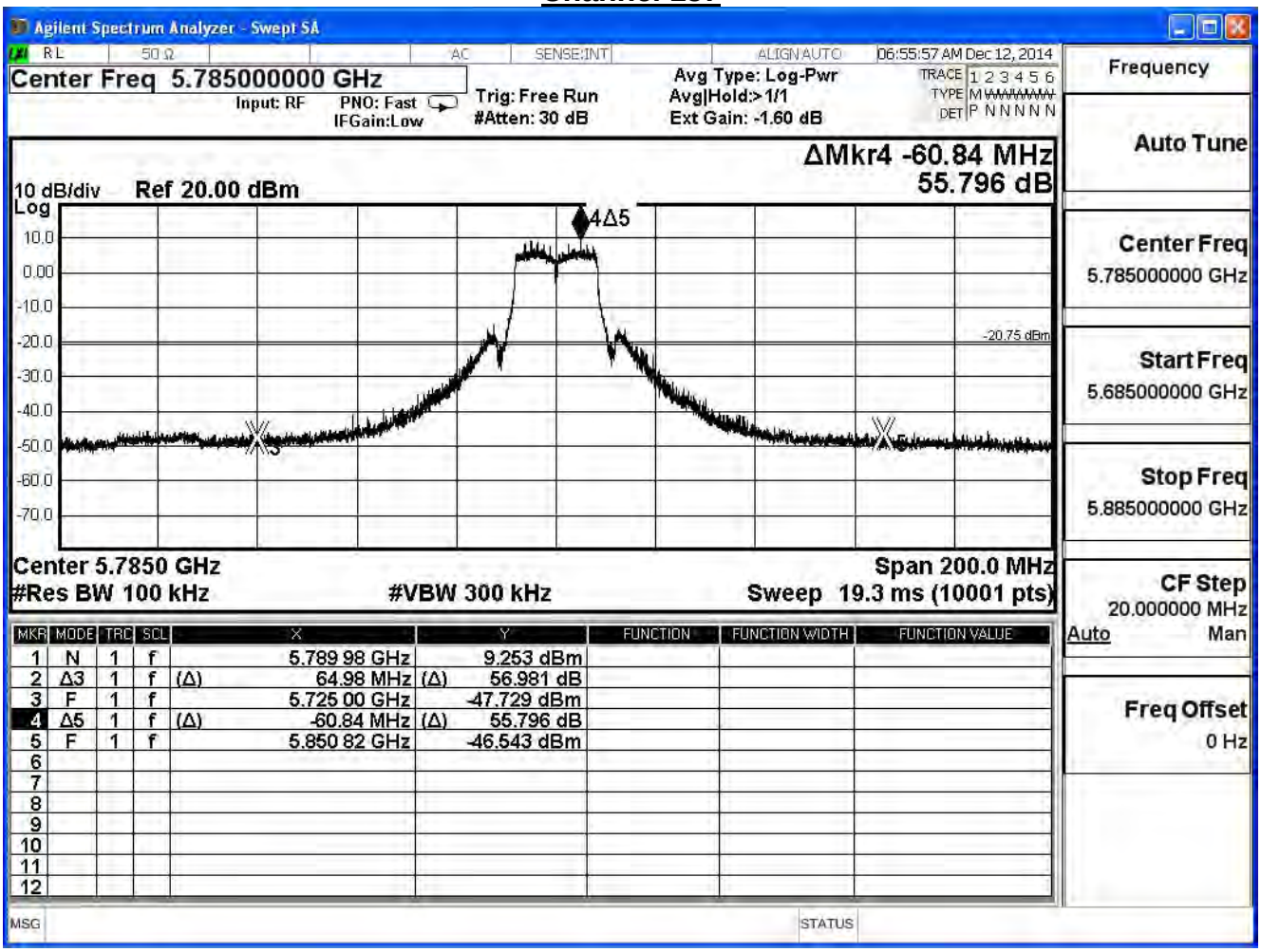
| | | | |
|---|---|---|---|
| Product | Gigabit Router Dual-band Wireless-N900 | | |
| Test Item | RF antenna conducted test | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/12/21 | Test Site | SR7 |

| IEEE 802.11a (ANT 1), Antenna Gain: 4dBi | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 149 | 5745 | 38.415 | ≧30 | Pass |
| 157 | 5785 | 55.796 | ≧30 | Pass |
| 165 | 5825 | 45.628 | ≧30 | Pass |

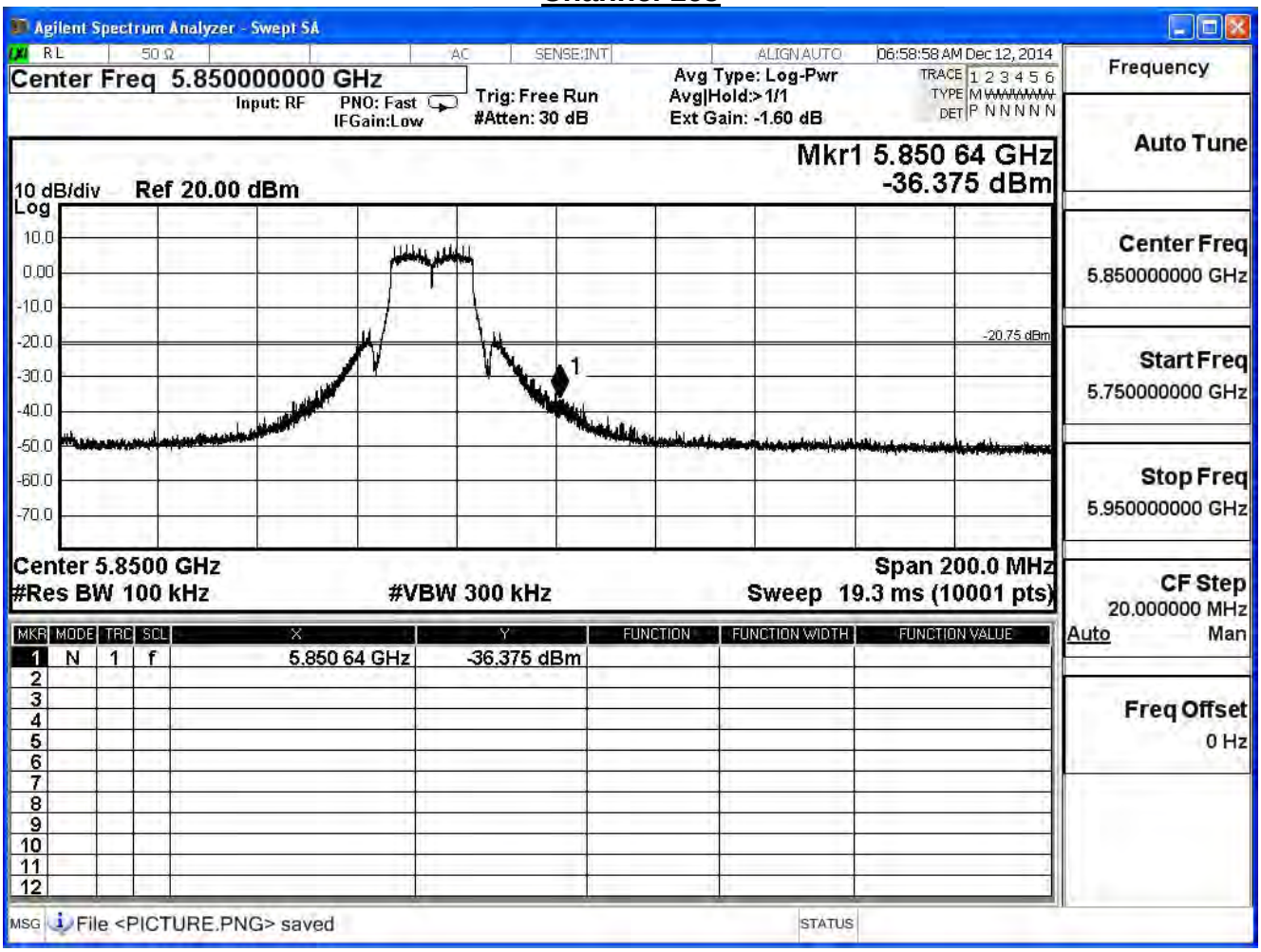
**Channel 149**



## Channel 157


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.785000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>1/1
Ext Gain: -1.60 dB
06:55:57 AM Dec 12, 2014
ΔMkr4 -60.84 MHz
55.796 dB
10 dB/div
Log
Ref 20.00 dBm
-20.75 dBm
Center 5.7850 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 200.0 MHz
Sweep 19.3 ms (10001 pts)
1 N 1 f 5.789 98 GHz 9.253 dBm
2 Δ3 1 f (Δ) 64.98 MHz (Δ) 56.981 dB
3 F 1 f 5.725 00 GHz -47.729 dBm
4 Δ5 1 f (Δ) -60.84 MHz (Δ) 55.796 dB
5 F 1 f 5.850 82 GHz -46.543 dBm
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.685000000 GHz
Stop Freq
5.885000000 GHz
CF Step
20.000000 MHz
Auto
Man
Freq Offset
0 Hz

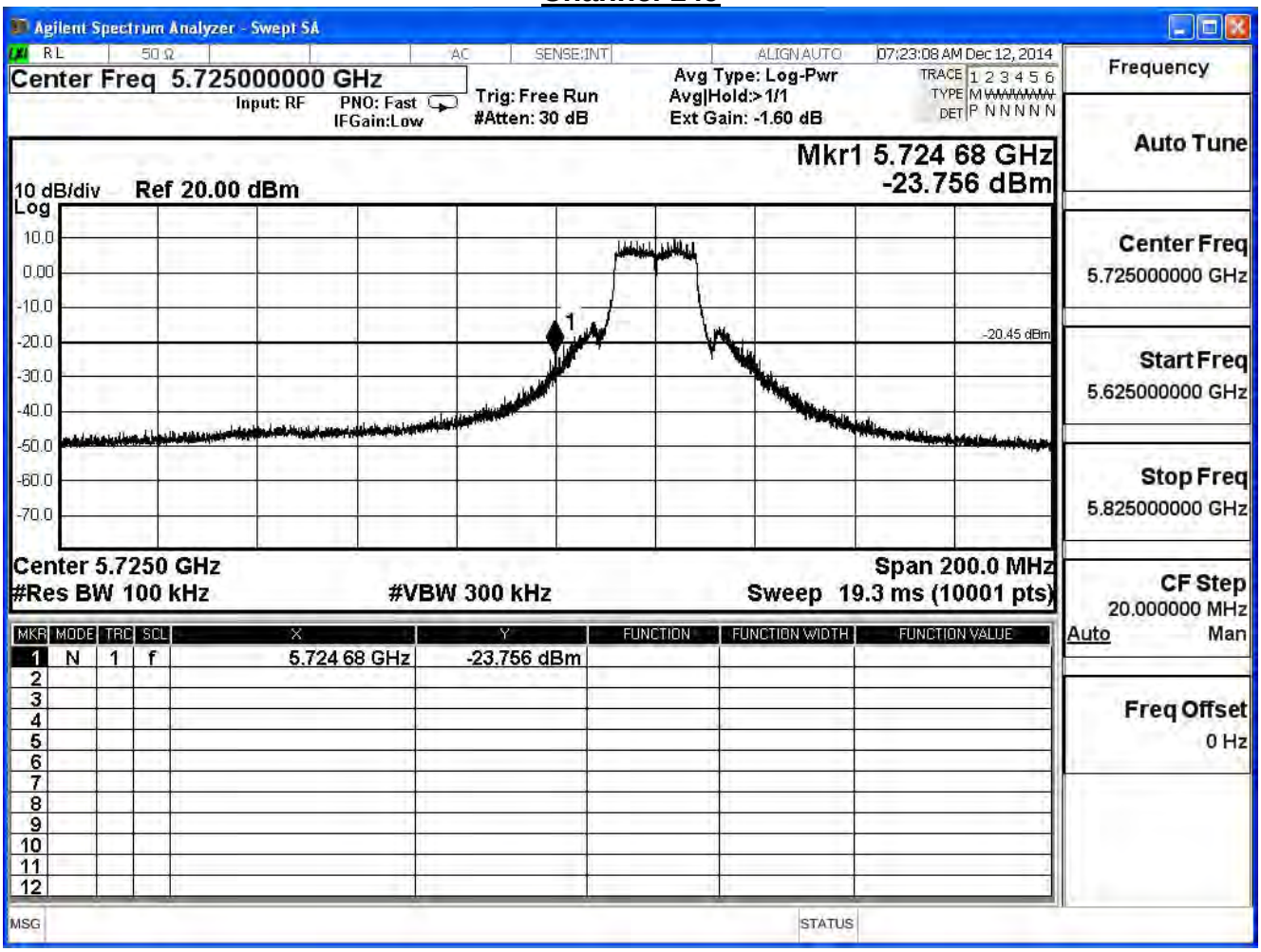
## Channel 165


Agilent Spectrum Analyzer - Swept SA
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:58:58 AM Dec 12, 2014
Center Freq 5.850000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>1/1
Ext Gain: -1.60 dB
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Mkr1 5.850 64 GHz
-36.375 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-20.75 dBm
1
Center 5.8500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 200.0 MHz
Sweep 19.3 ms (10001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 5.850 64 GHz -36.375 dBm
2
3
4
5
6
7
8
9
10
11
12
MSG
File <PICTURE.PNG> saved
STATUS
Frequency
Auto Tune
Center Freq
5.850000000 GHz
Start Freq
5.750000000 GHz
Stop Freq
5.950000000 GHz
CF Step
20.000000 MHz
Auto
Man
Freq Offset
0 Hz

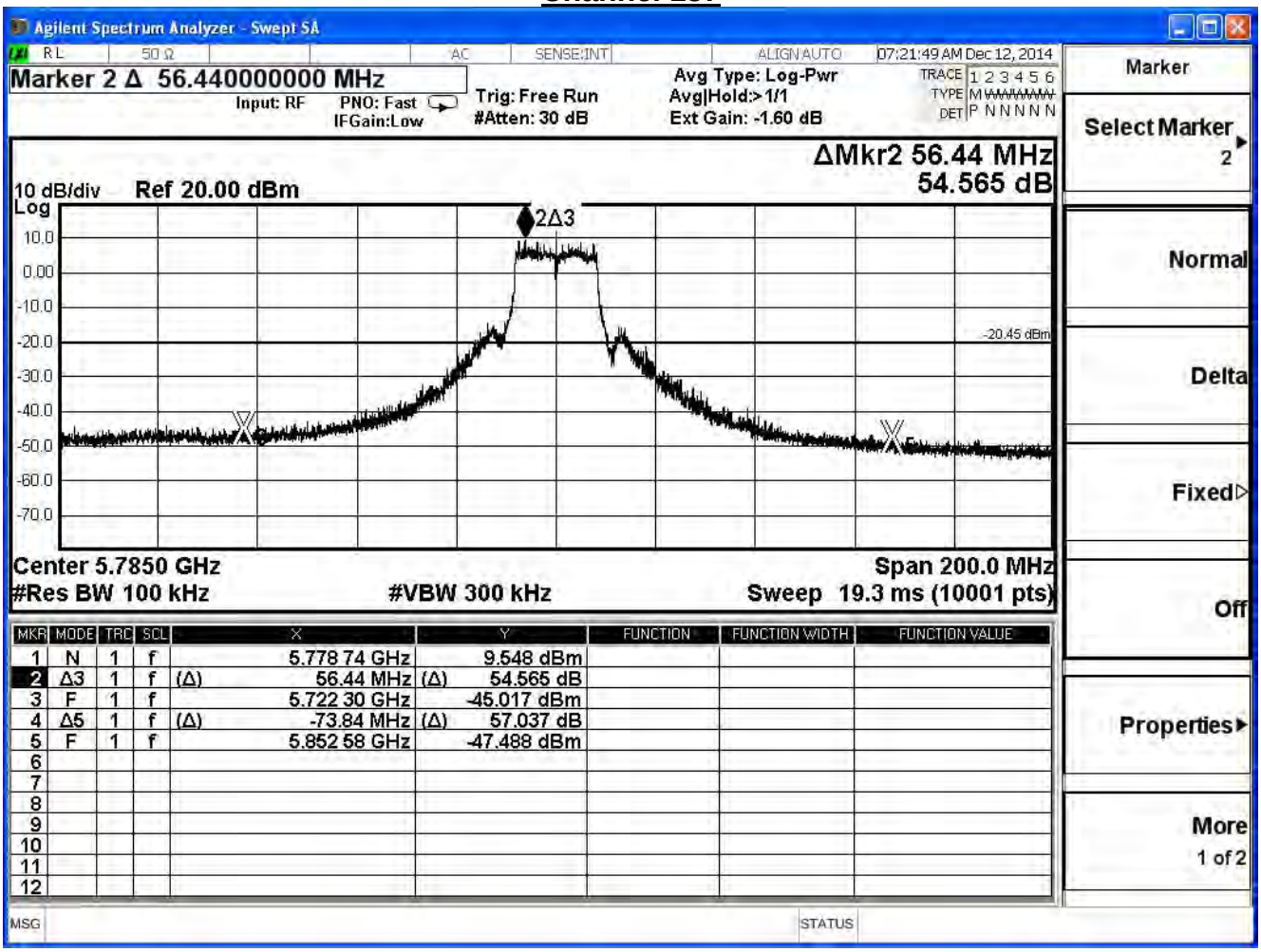
| | | | |
|---|---|---|---|
| Product | Gigabit Router Dual-band Wireless-N900 | | |
| Test Item | RF antenna conducted test | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/12/21 | Test Site | SR7 |

| IEEE 802.11a (ANT 2), Antenna Gain: 4dBi | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 149 | 5745 | 33.304 | ≧30 | Pass |
| 157 | 5785 | 54.565 | ≧30 | Pass |
| 165 | 5825 | 43.194 | ≧30 | Pass |

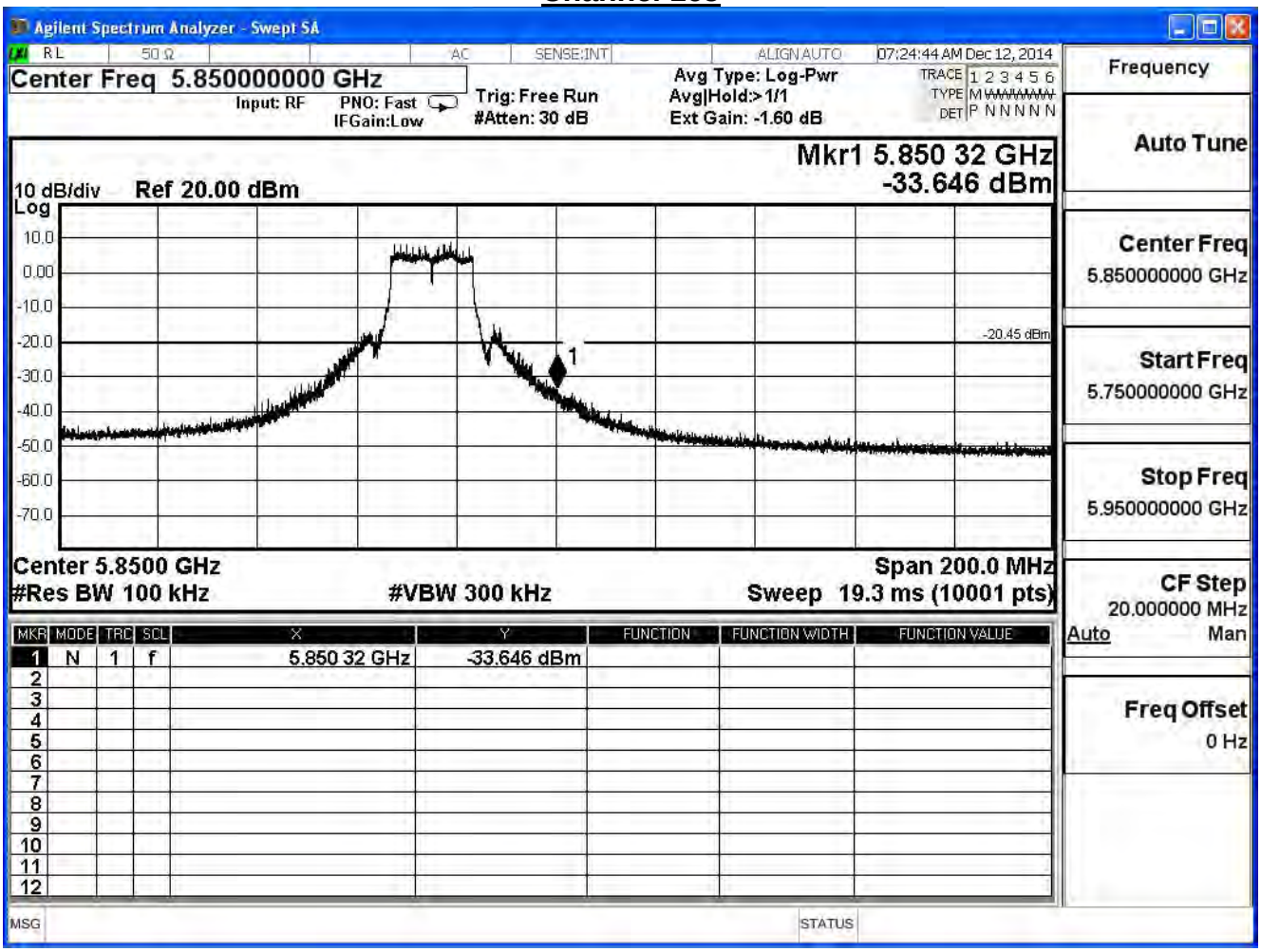
**Channel 149**



## Channel 157


Agilent Spectrum Analyzer - Swept SA
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:21:49 AM Dec 12, 2014
Marker 2 Δ 56.440000000 MHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>1/1
Ext Gain: -1.60 dB
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
ΔMkr2 56.44 MHz
54.565 dB
10 dB/div
Log
Ref 20.00 dBm
2Δ3
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-20.45 dBm
Center 5.7850 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 200.0 MHz
Sweep 19.3 ms (10001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 5.778 74 GHz 9.548 dBm
2 Δ3 1 f (Δ) 56.44 MHz (Δ) 54.565 dB
3 F 1 f 5.722 30 GHz -45.017 dBm
4 Δ5 1 f (Δ) -73.84 MHz (Δ) 57.037 dB
5 F 1 f 5.852 58 GHz -47.488 dBm
6
7
8
9
10
11
12
MSG
STATUS
Marker
Select Marker 2
Normal
Delta
Fixed
Off
Properties
More 1 of 2

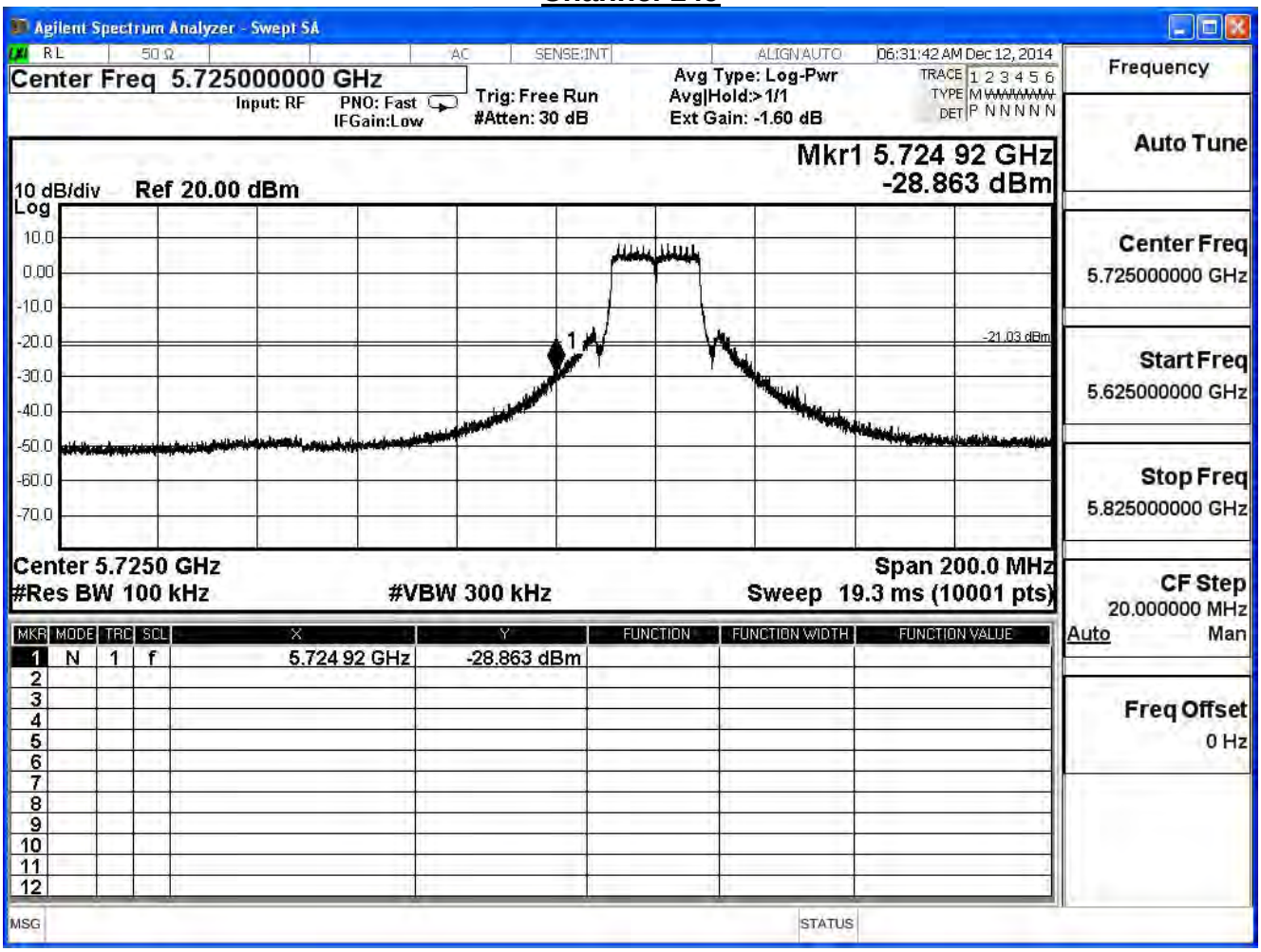
## Channel 165


Agilent Spectrum Analyzer - Swept SA
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:24:44 AM Dec 12, 2014
Center Freq 5.850000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>1/1
Ext Gain: -1.60 dB
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Mkr1 5.850 32 GHz
-33.646 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-20.45 dBm
1
Center 5.8500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 200.0 MHz
Sweep 19.3 ms (10001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 5.850 32 GHz -33.646 dBm
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.850000000 GHz
Start Freq
5.750000000 GHz
Stop Freq
5.950000000 GHz
CF Step
20.000000 MHz
Auto
Man
Freq Offset
0 Hz

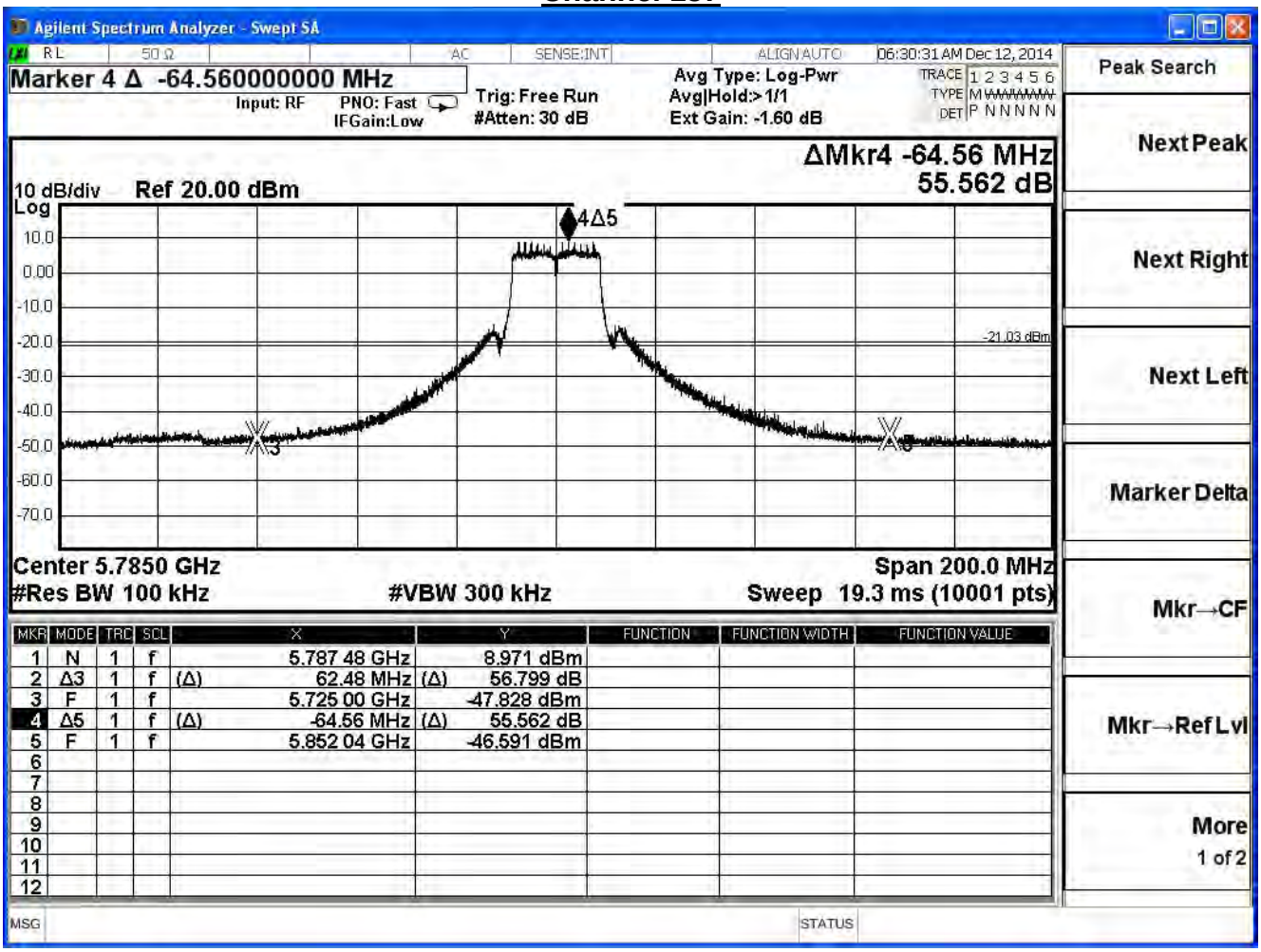
| | | | |
|---|---|---|---|
| Product | Gigabit Router Dual-band Wireless-N900 | | |
| Test Item | RF antenna conducted test | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/12/21 | Test Site | SR7 |

| IEEE 802.11n (20MHz), (ANT 0) Antenna Gain: 4dBi | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 149 | 5745 | 37.834 | ≧30 | Pass |
| 157 | 5785 | 55.562 | ≧30 | Pass |
| 165 | 5825 | 43.914 | ≧30 | Pass |

**Channel 149**

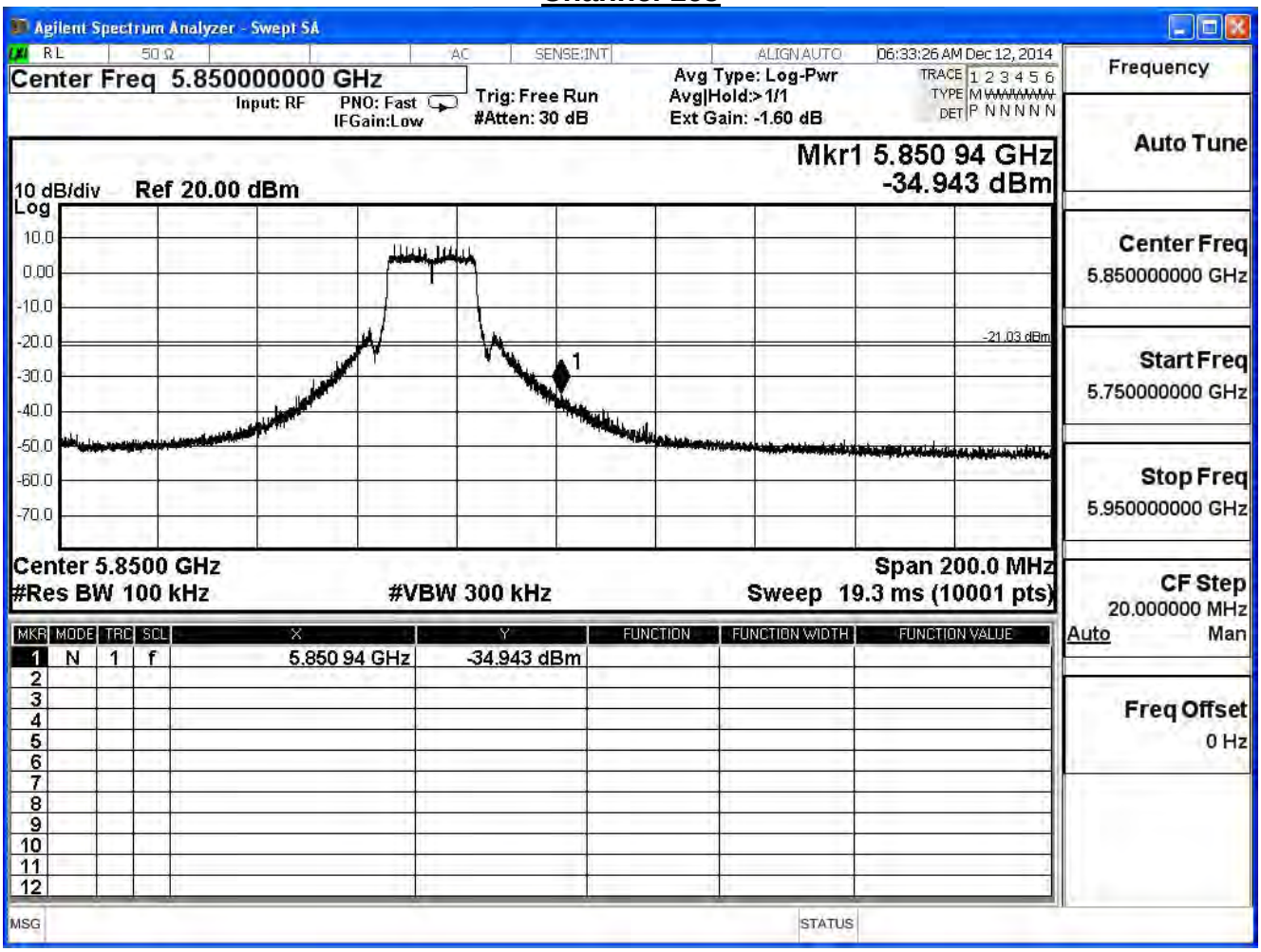


## Channel 157




| MKR | MODE | TRC | SCL | X | Y | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE |
|---|---|---|---|---|---|---|---|---|
| 1 | N | 1 | f | 5.787 48 GHz | 8.971 dBm | | | |
| 2 | Δ3 | 1 | f | (Δ) 62.48 MHz | (Δ) 56.799 dB | | | |
| 3 | F | 1 | f | 5.725 00 GHz | -47.828 dBm | | | |
| 4 | Δ5 | 1 | f | (Δ) -64.56 MHz | (Δ) 55.562 dB | | | |
| 5 | F | 1 | f | 5.852 04 GHz | -46.591 dBm | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

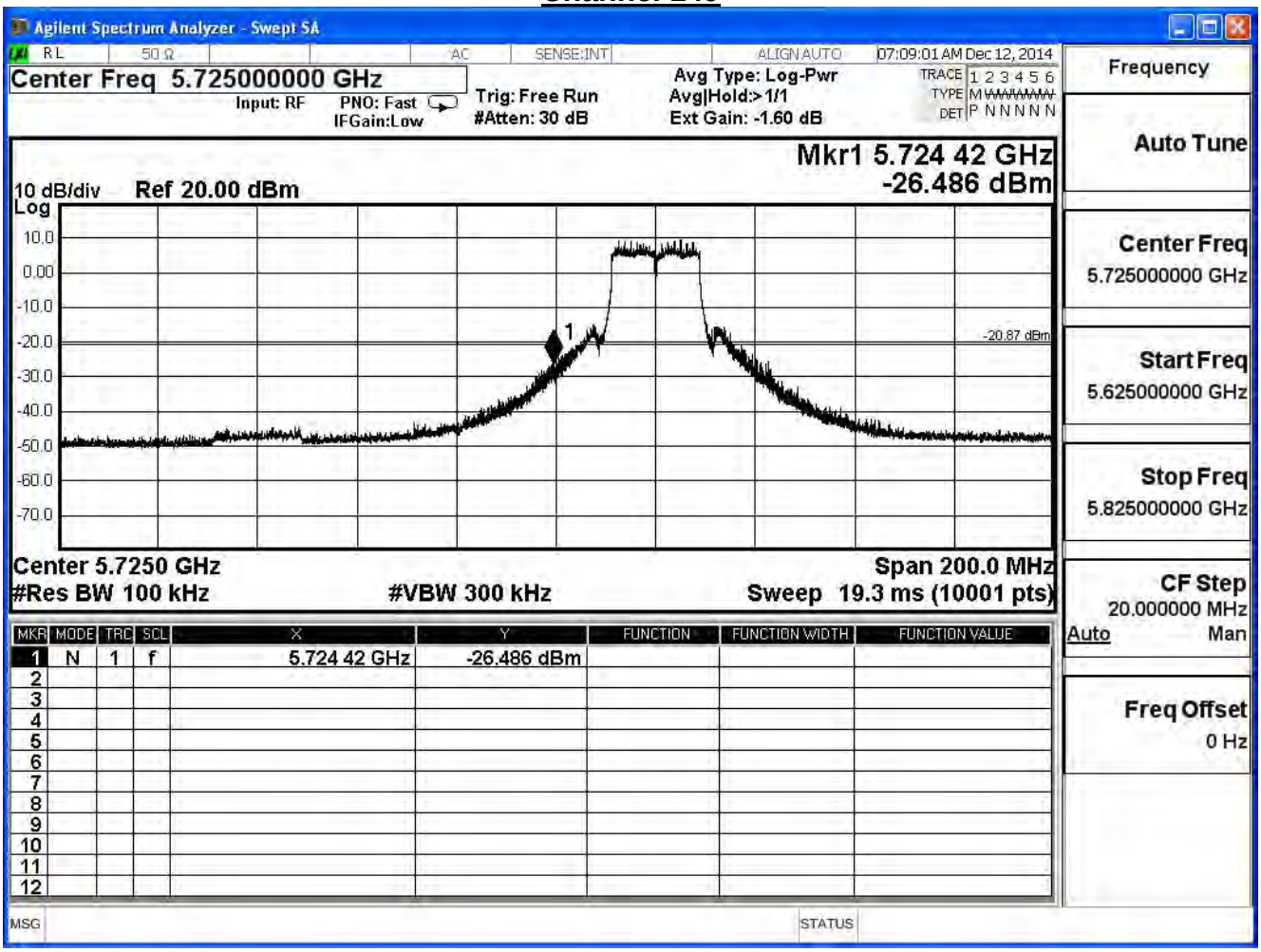
## Channel 165


Agilent Spectrum Analyzer - Swept SA
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
06:33:26 AM Dec 12, 2014
Center Freq 5.850000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>1/1
Ext Gain: -1.60 dB
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Mkr1 5.850 94 GHz
-34.943 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-21.03 dBm
1
Center 5.8500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 200.0 MHz
Sweep 19.3 ms (10001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 5.850 94 GHz -34.943 dBm
Frequency
Auto Tune
Center Freq
5.850000000 GHz
Start Freq
5.750000000 GHz
Stop Freq
5.950000000 GHz
CF Step
20.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

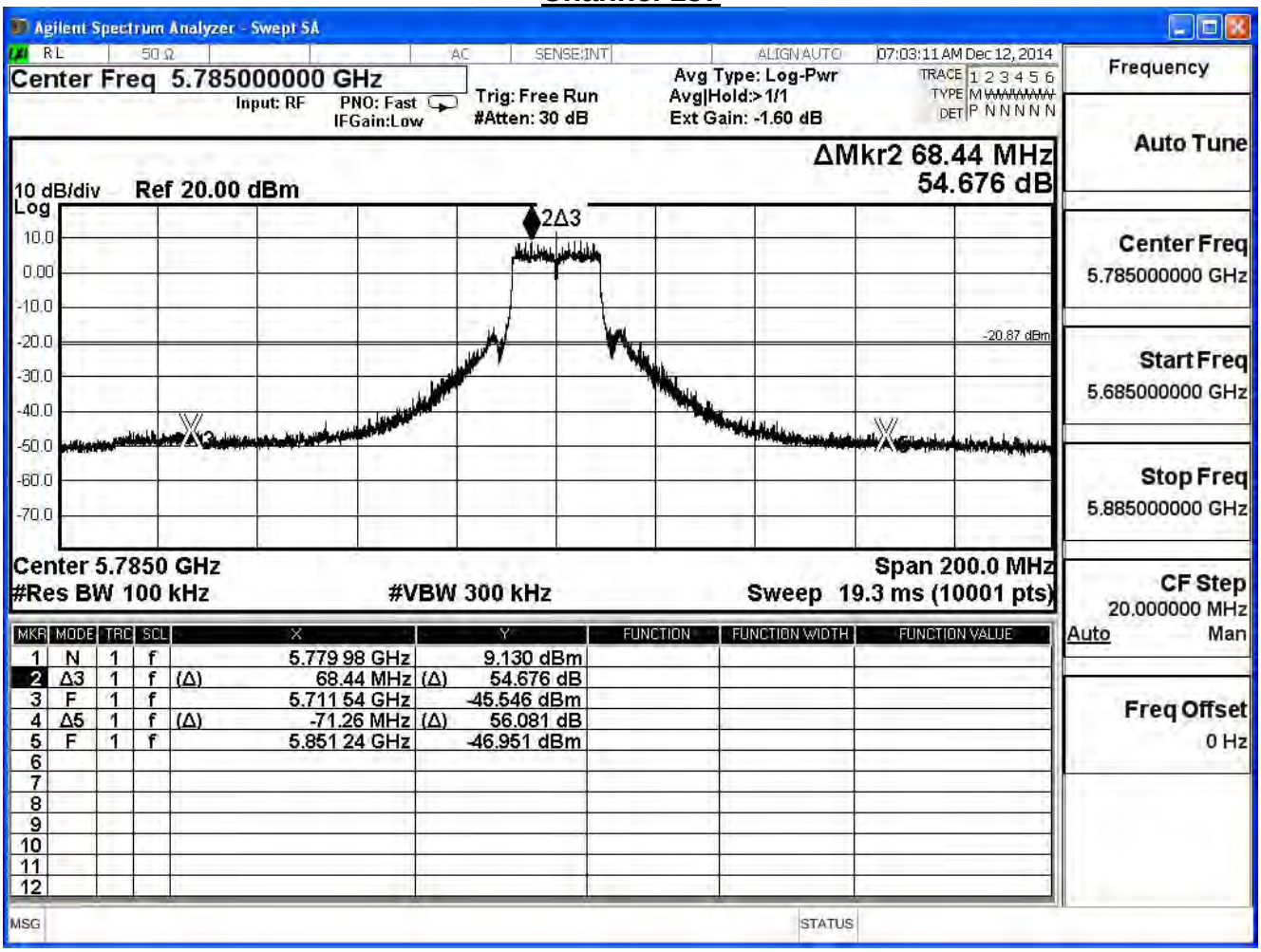
| | | | |
|---|---|---|---|
| Product | Gigabit Router Dual-band Wireless-N900 | | |
| Test Item | RF antenna conducted test | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/12/21 | Test Site | SR7 |

| IEEE 802.11n (20MHz), (ANT 1) Antenna Gain: 4dBi | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 149 | 5745 | 35.616 | ≧30 | Pass |
| 157 | 5785 | 54.676 | ≧30 | Pass |
| 165 | 5825 | 44.600 | ≧30 | Pass |

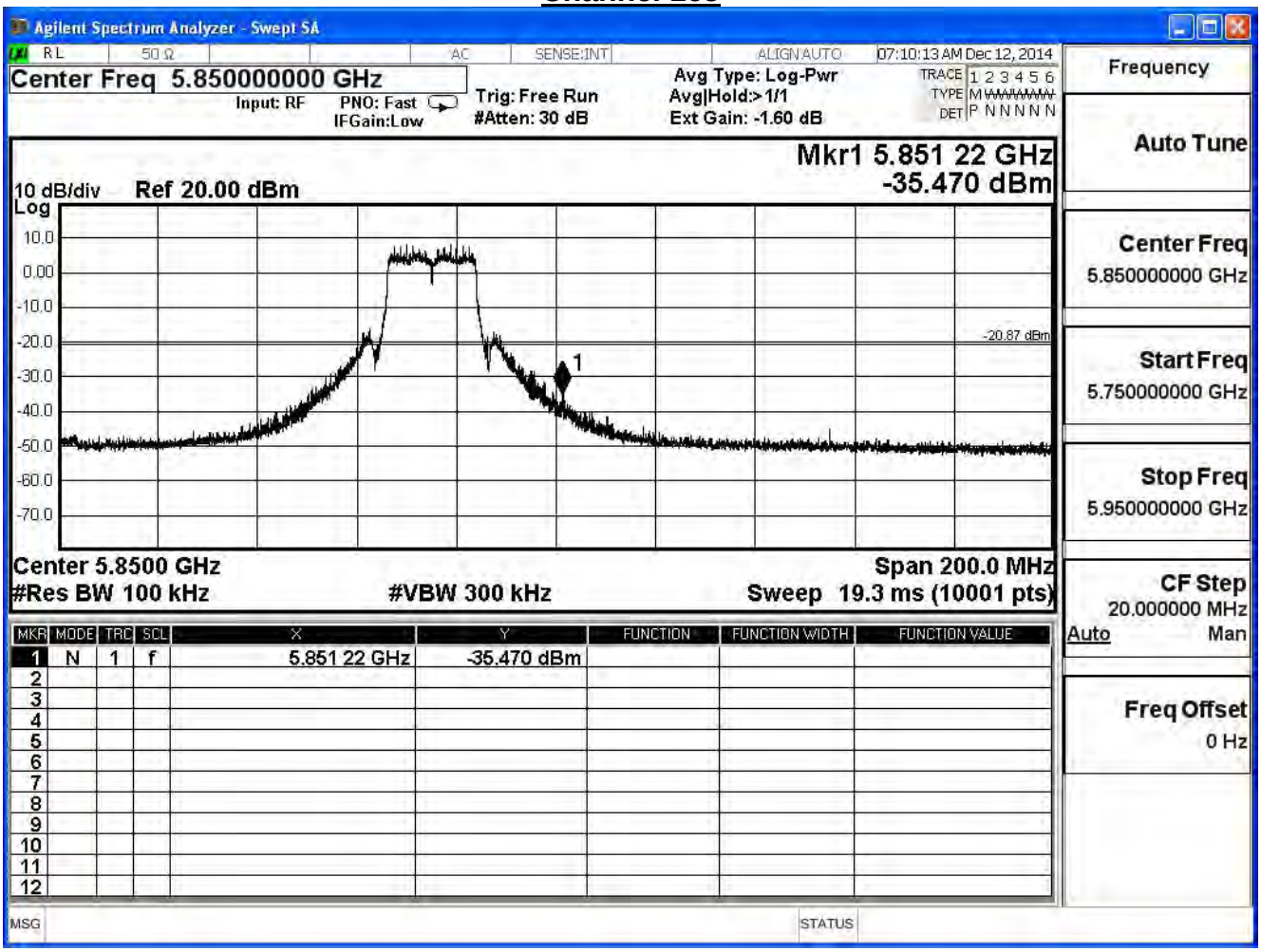
**Channel 149**



## Channel 157


Agilent Spectrum Analyzer - Swept SA
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:03:11 AM Dec 12, 2014
Center Freq 5.785000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>1/1
Ext Gain: -1.60 dB
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
ΔMkr2 68.44 MHz
54.676 dB
10 dB/div
Log
Ref 20.00 dBm
2Δ3
-20.87 dBm
Center 5.7850 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 200.0 MHz
Sweep 19.3 ms (10001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 5.779 98 GHz 9.130 dBm
2 Δ3 1 f (Δ) 68.44 MHz (Δ) 54.676 dB
3 F 1 f 5.711 54 GHz -45.546 dBm
4 Δ5 1 f (Δ) -71.26 MHz (Δ) 56.081 dB
5 F 1 f 5.851 24 GHz -46.951 dBm
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.685000000 GHz
Stop Freq
5.885000000 GHz
CF Step
20.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

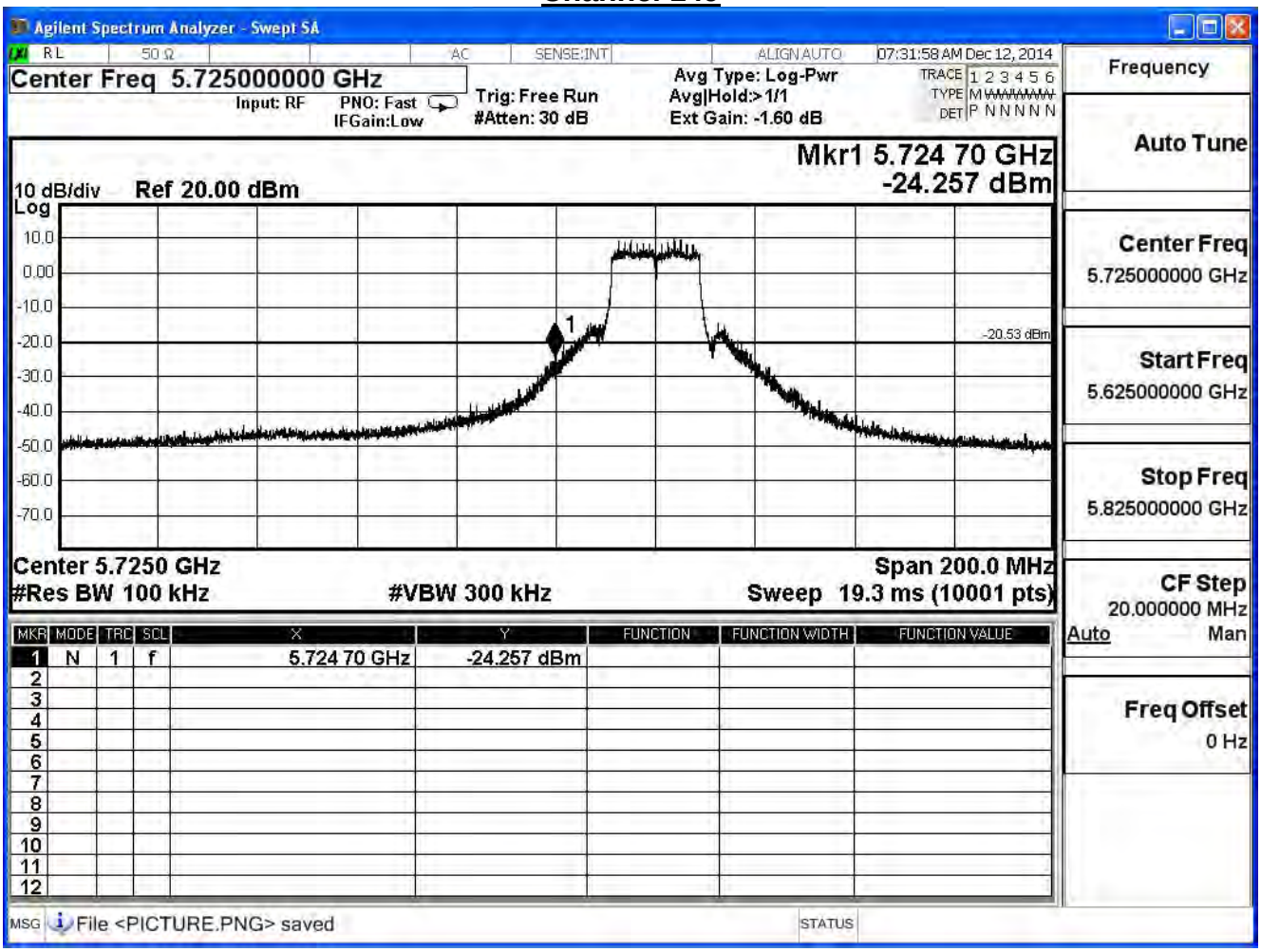
## Channel 165


Agilent Spectrum Analyzer - Swept SA
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:10:13 AM Dec 12, 2014
Center Freq 5.850000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>1/1
Ext Gain: -1.60 dB
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Mkr1 5.851 22 GHz
-35.470 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-20.87 dBm
1
Center 5.8500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 200.0 MHz
Sweep 19.3 ms (10001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 5.851 22 GHz -35.470 dBm
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS
Frequency
Auto Tune
Center Freq
5.850000000 GHz
Start Freq
5.750000000 GHz
Stop Freq
5.950000000 GHz
CF Step
20.000000 MHz
Auto
Man
Freq Offset
0 Hz

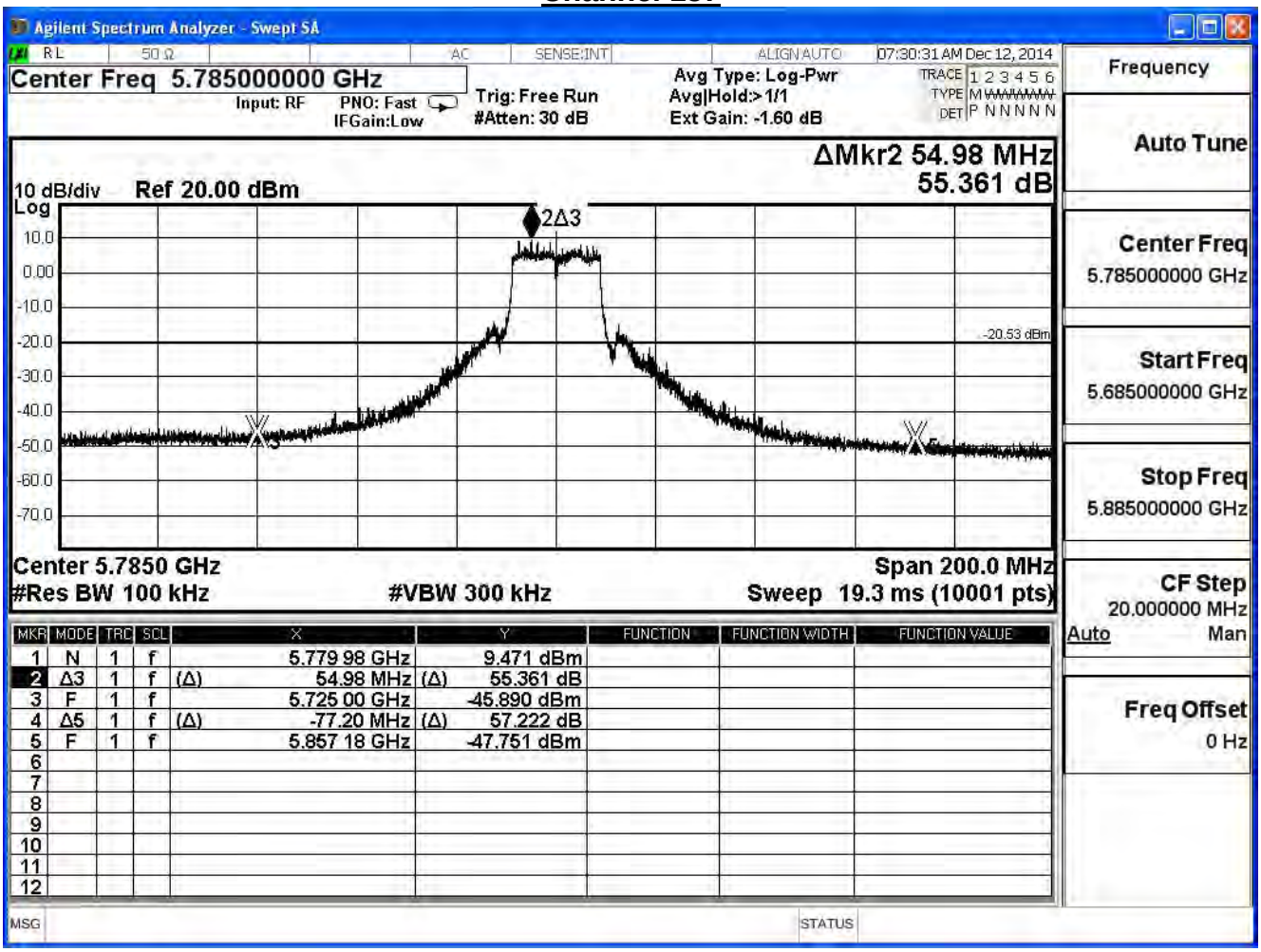
| | | | |
|---|---|---|---|
| Product | Gigabit Router Dual-band Wireless-N900 | | |
| Test Item | RF antenna conducted test | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/12/21 | Test Site | SR7 |

| IEEE 802.11n (20MHz), (ANT 2) Antenna Gain: 4dBi | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 149 | 5745 | 33.728 | ≧30 | Pass |
| 157 | 5785 | 55.361 | ≧30 | Pass |
| 165 | 5825 | 43.621 | ≧30 | Pass |

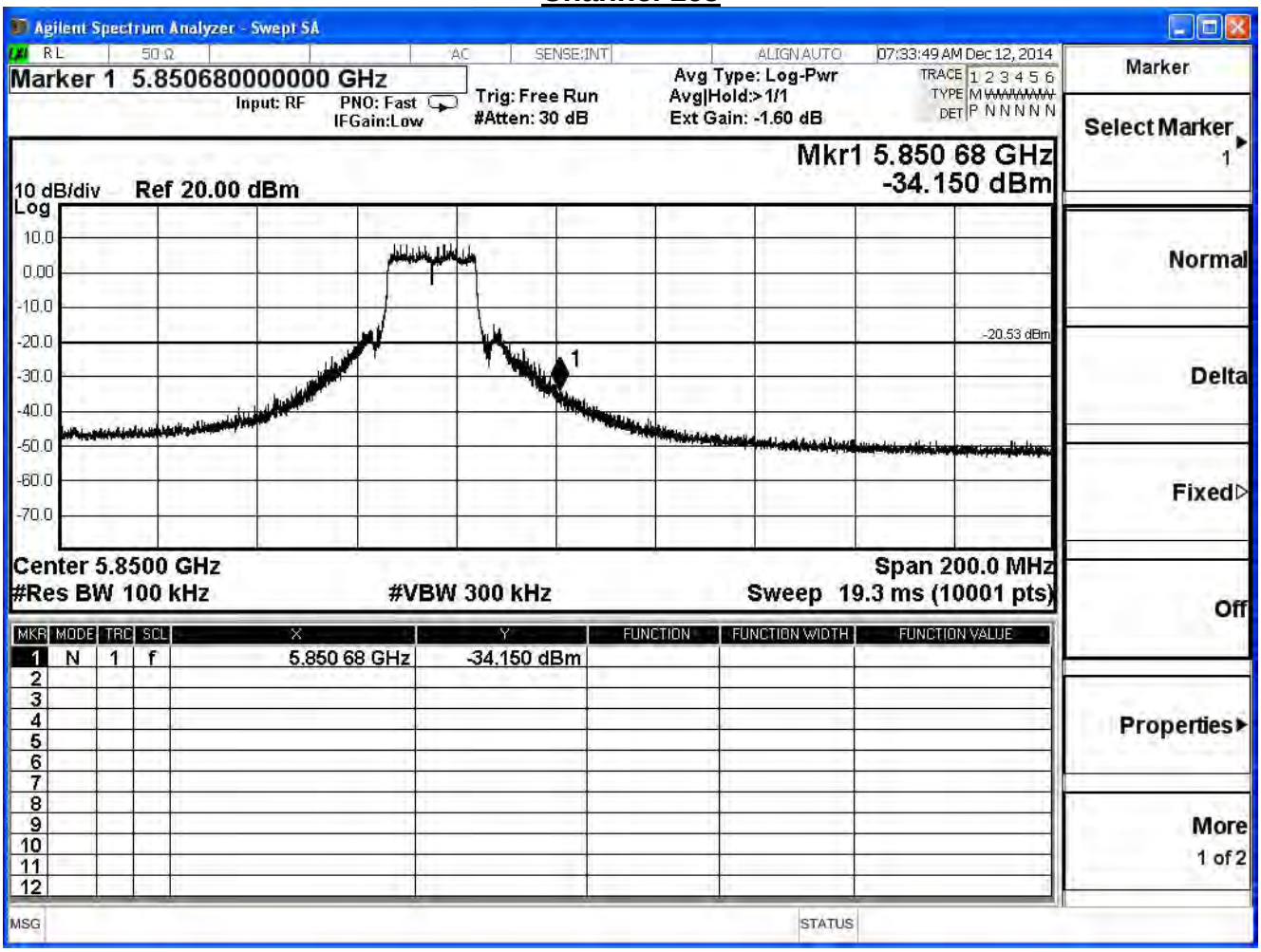
**Channel 149**



## Channel 157


Agilent Spectrum Analyzer - Swept SA
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:30:31 AM Dec 12, 2014
Center Freq 5.785000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>1/1
Ext Gain: -1.60 dB
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
ΔMkr2 54.98 MHz
55.361 dB
10 dB/div
Log
Ref 20.00 dBm
2Δ3
-20.53 dBm
Center 5.7850 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 200.0 MHz
Sweep 19.3 ms (10001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 5.779 98 GHz 9.471 dBm
2 Δ3 1 f (Δ) 54.98 MHz (Δ) 55.361 dB
3 F 1 f 5.725 00 GHz -45.890 dBm
4 Δ5 1 f (Δ) -77.20 MHz (Δ) 57.222 dB
5 F 1 f 5.857 18 GHz -47.751 dBm
Frequency
Auto Tune
Center Freq
5.785000000 GHz
Start Freq
5.685000000 GHz
Stop Freq
5.885000000 GHz
CF Step
20.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

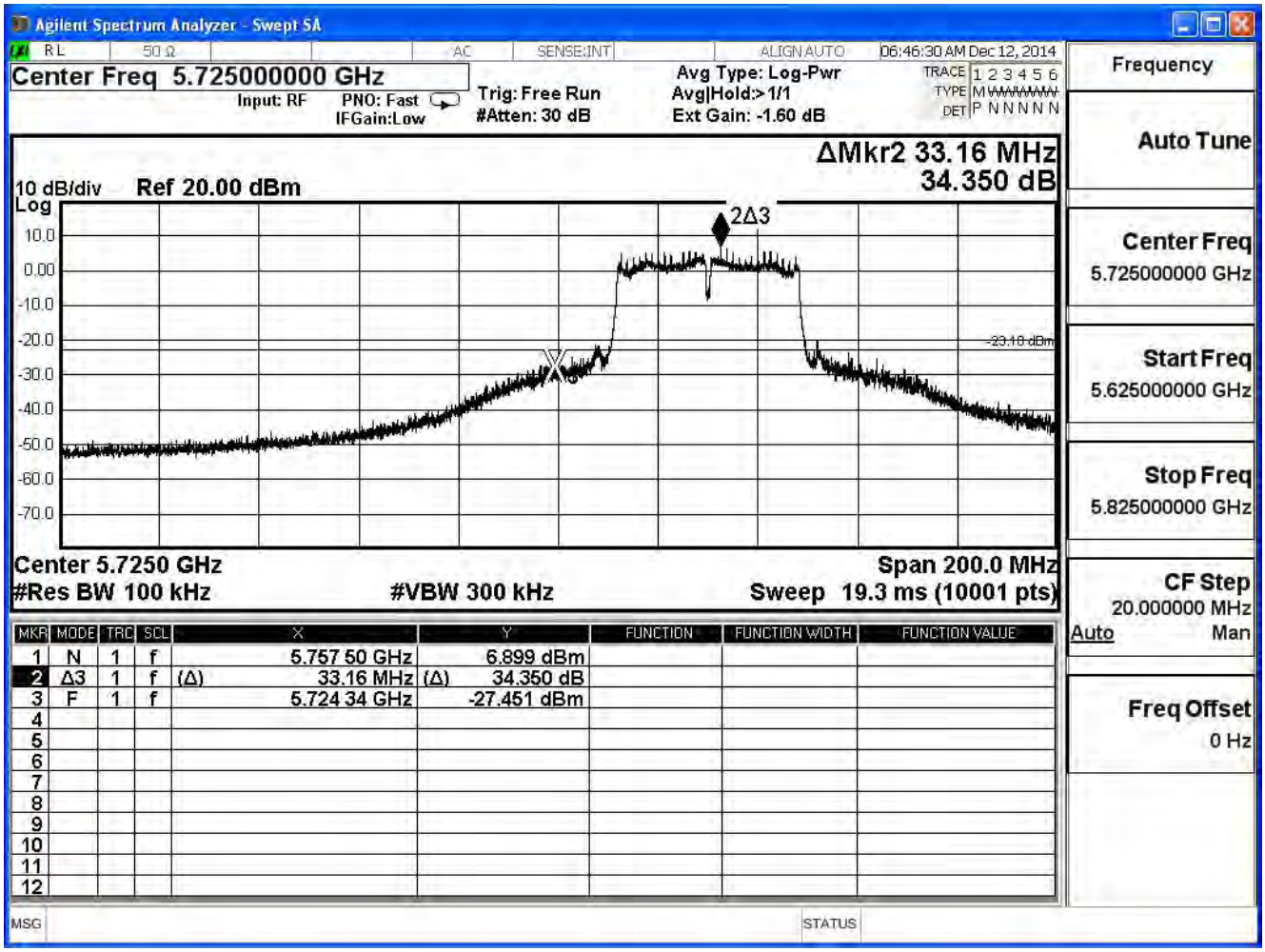
## Channel 165


Agilent Spectrum Analyzer - Swept SA
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:33:49 AM Dec 12, 2014
Marker 1 5.850680000000 GHz
Input: RF
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>1/1
Ext Gain: -1.60 dB
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Mkr1 5.850 68 GHz
-34.150 dBm
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-20.53 dBm
1
Center 5.8500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 200.0 MHz
Sweep 19.3 ms (10001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 5.850 68 GHz -34.150 dBm
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS
Marker
Select Marker 1
Normal
Delta
Fixed
Off
Properties
More 1 of 2

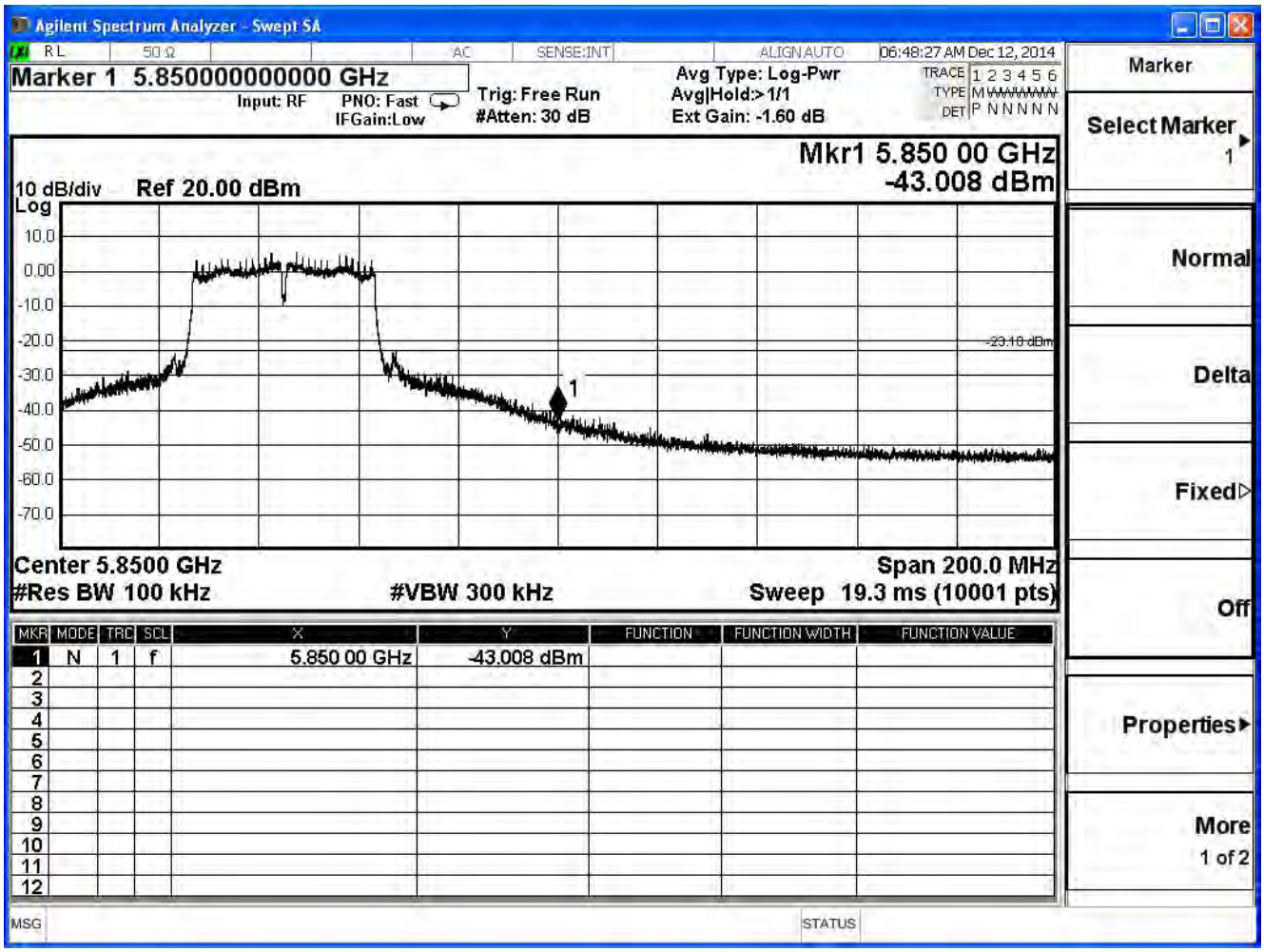
| | | | |
|---|---|---|---|
| Product | Gigabit Router Dual-band Wireless-N900 | | |
| Test Item | RF antenna conducted test | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/12/21 | Test Site | SR7 |

| IEEE 802.11n (40MHz), (ANT 0) Antenna Gain: 4dBi | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 151 | 5755 | 34.350 | ≧30 | Pass |
| 159 | 5795 | 49.907 | ≧30 | Pass |

**Channel 151 (5755MHz)**



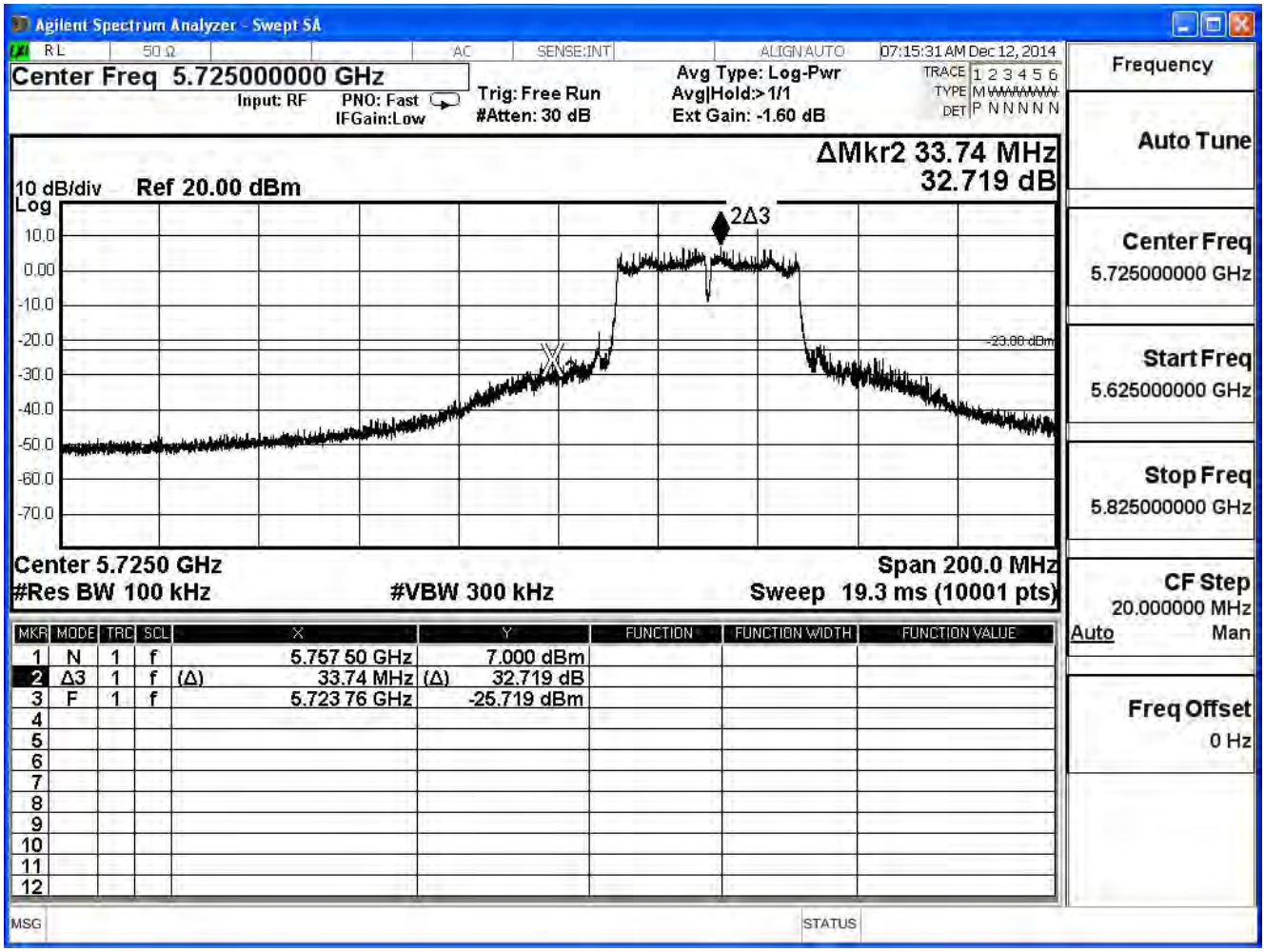
**Channel 159 (5795MHz)**



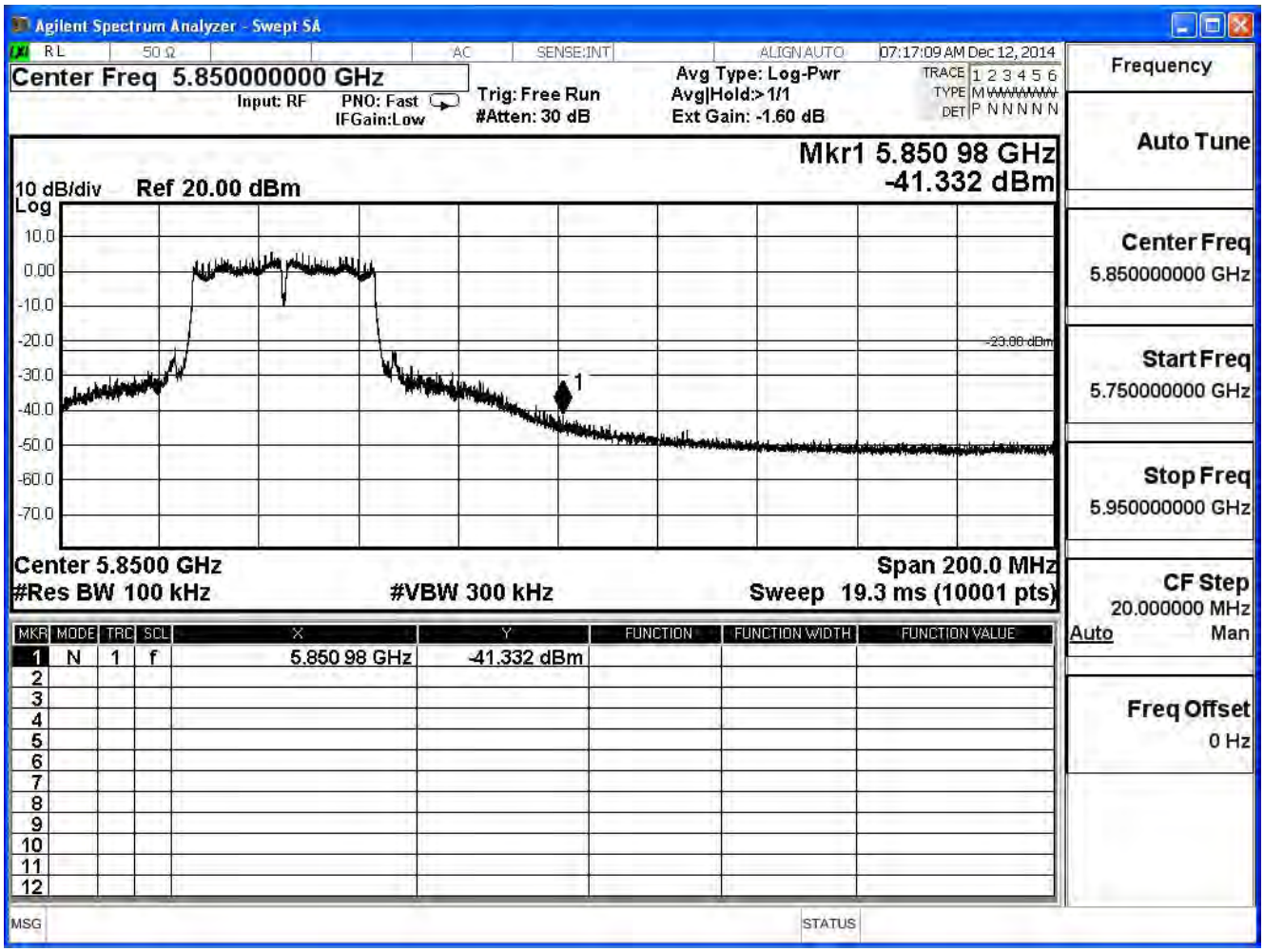
| | | | |
|---|---|---|---|
| Product | Gigabit Router Dual-band Wireless-N900 | | |
| Test Item | RF antenna conducted test | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/12/21 | Test Site | SR7 |

| IEEE 802.11n (40MHz), (ANT 1) Antenna Gain: 4dBi | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 151 | 5755 | 32.719 | ≧30 | Pass |
| 159 | 5795 | 48.332 | ≧30 | Pass |

**Channel 151 (5755MHz)**



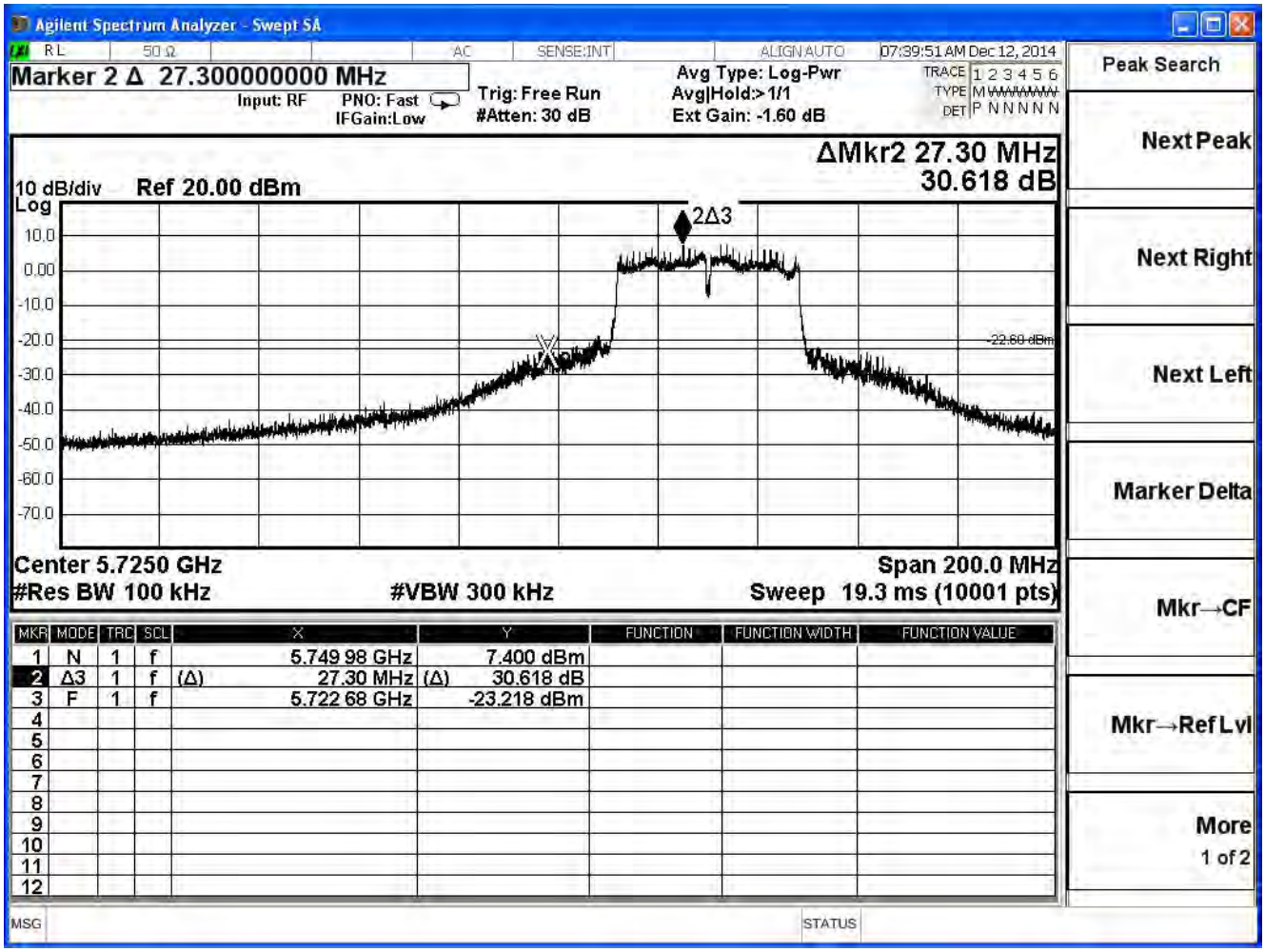
**Channel 159 (5795MHz)**



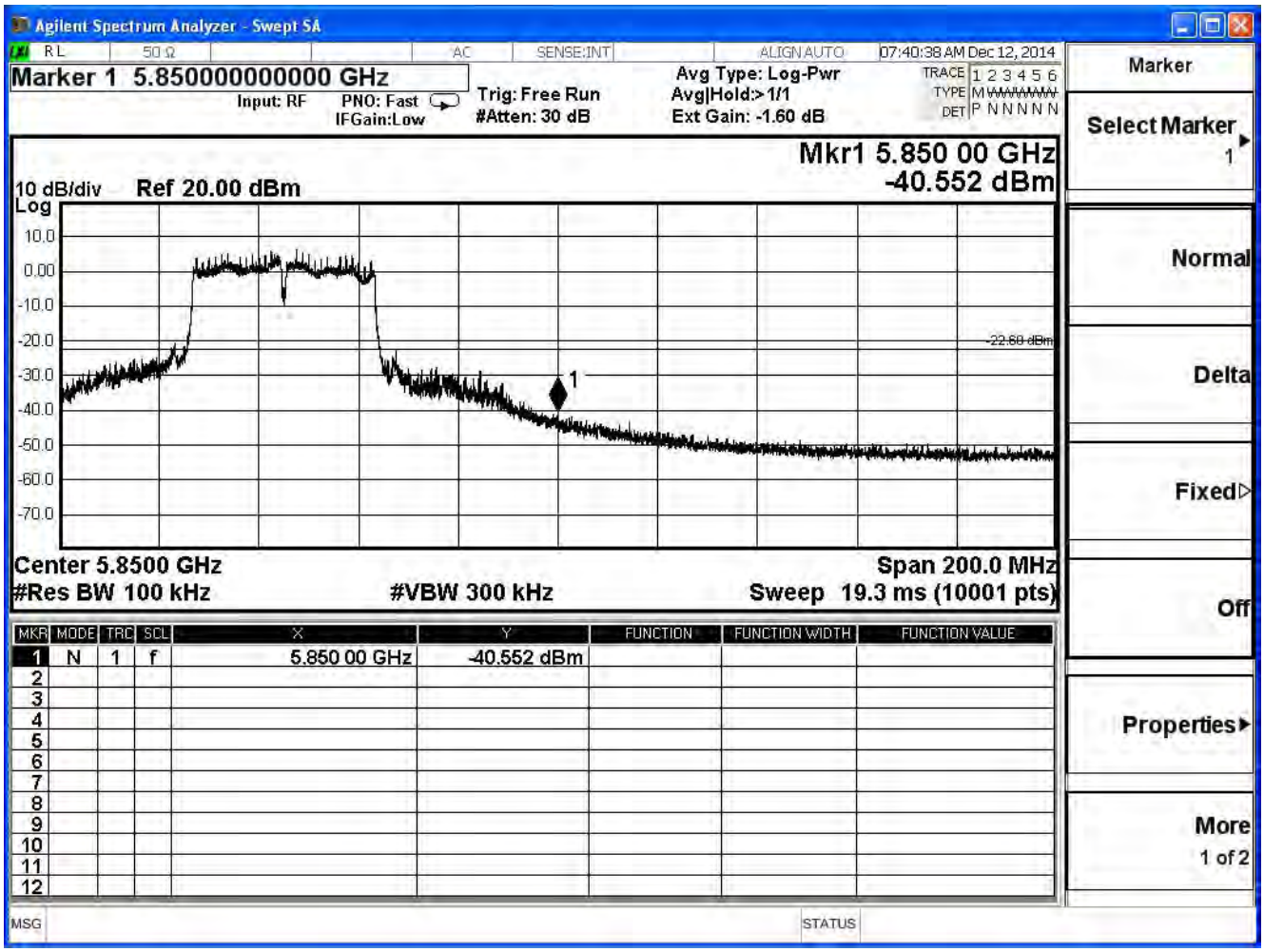
| | | | |
|---|---|---|---|
| Product | Gigabit Router Dual-band Wireless-N900 | | |
| Test Item | RF antenna conducted test | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/12/21 | Test Site | SR7 |

| IEEE 802.11n (40MHz), (ANT 2) Antenna Gain: 4dBi | | | | |
|---|---|---|---|---|
| Channel | Frequency (MHz) | Measure Level (dBc) | Limit (dBc) | Result |
| 151 | 5755 | 30.618 | ≧30 | Pass |
| 159 | 5795 | 47.952 | ≧30 | Pass |

**Channel 151 (5755MHz)**

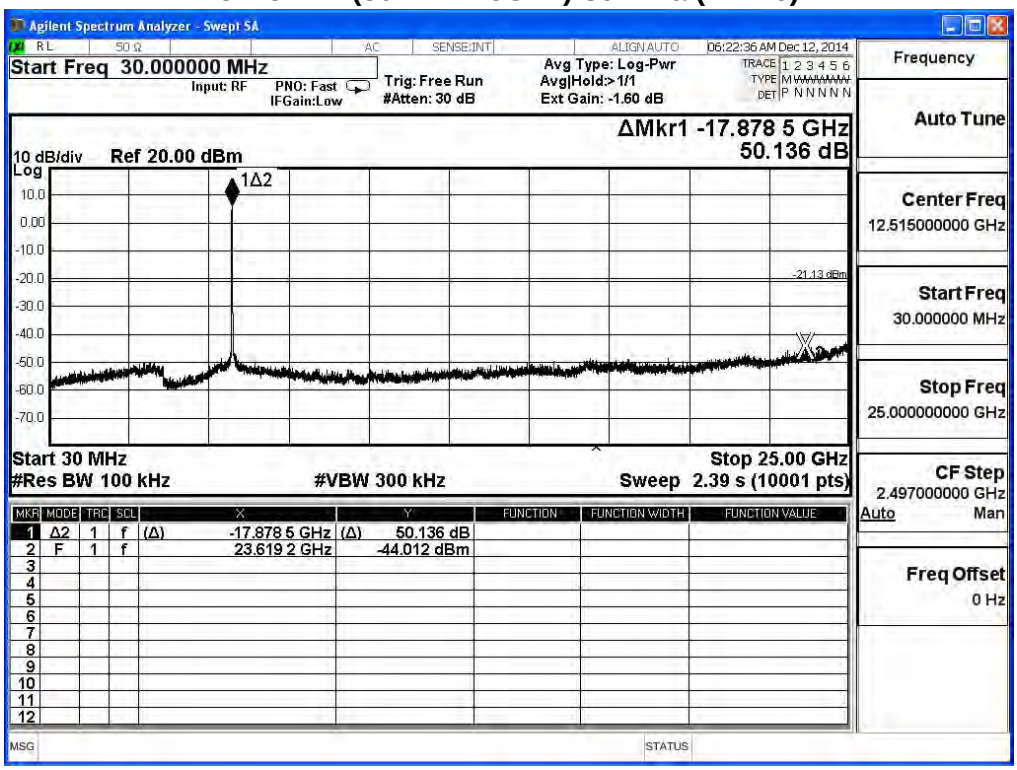


**Channel 159 (5795MHz)**

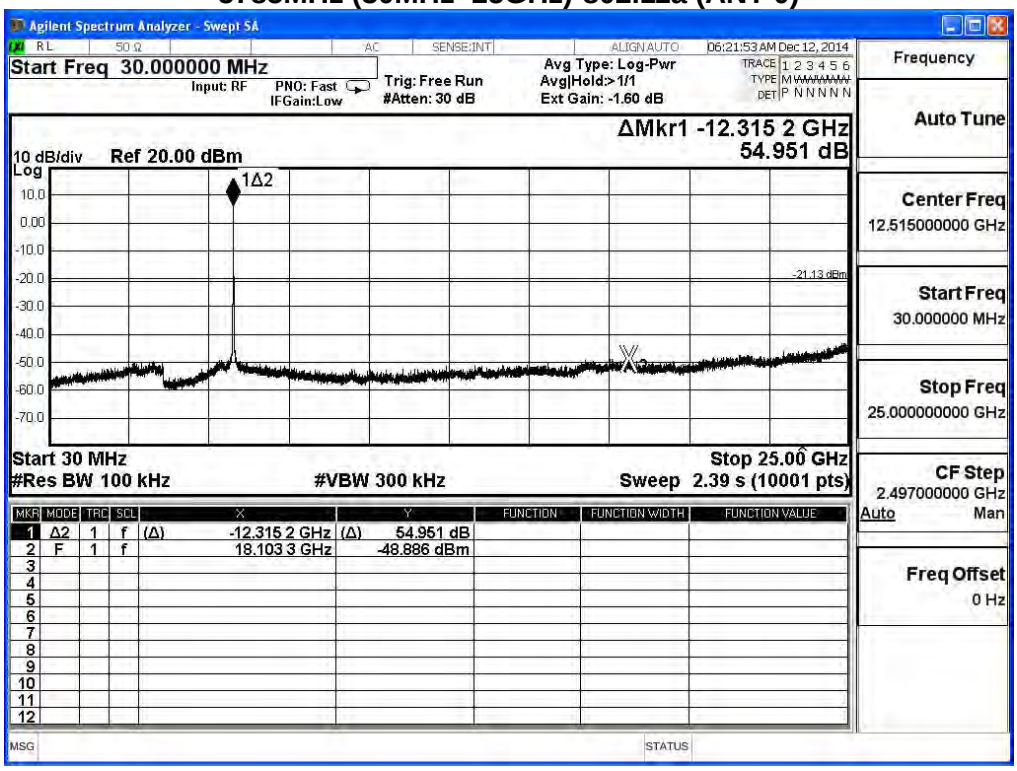


| Product | Gigabit Router Dual-band Wireless-N900 | | |
|---|---|---|---|
| Test Item | RF antenna conducted test | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/12/21 | Test Site | SR7 |

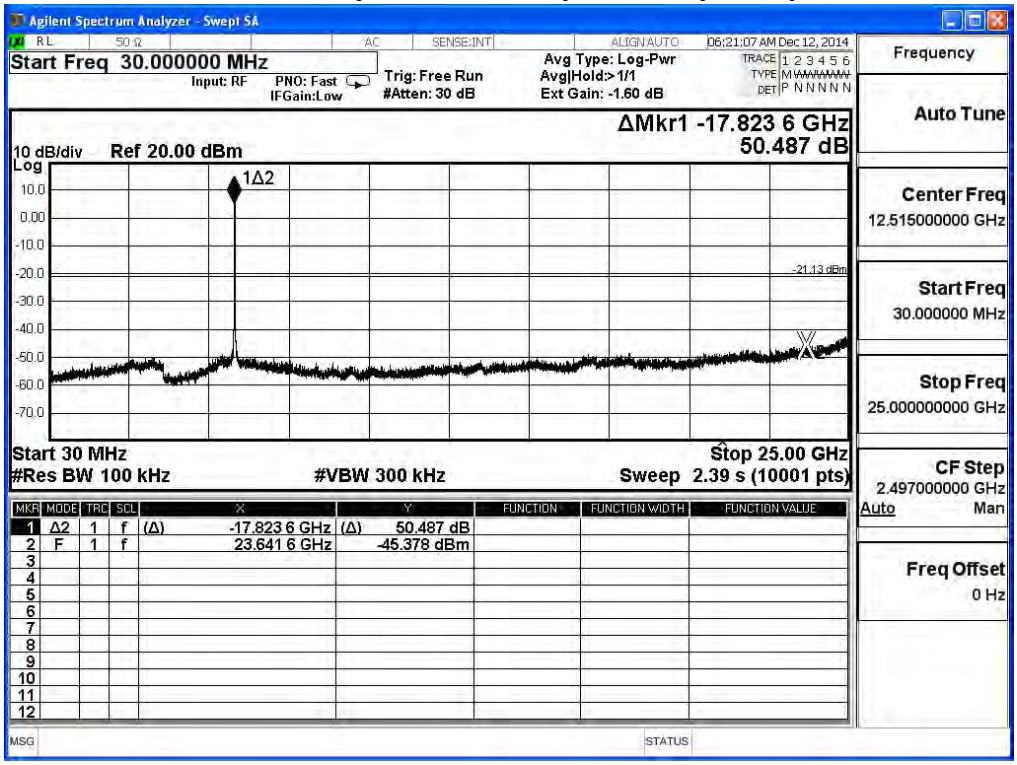
**5745MHz (30MHz~25GHz)-802.11a (ANT 0)**



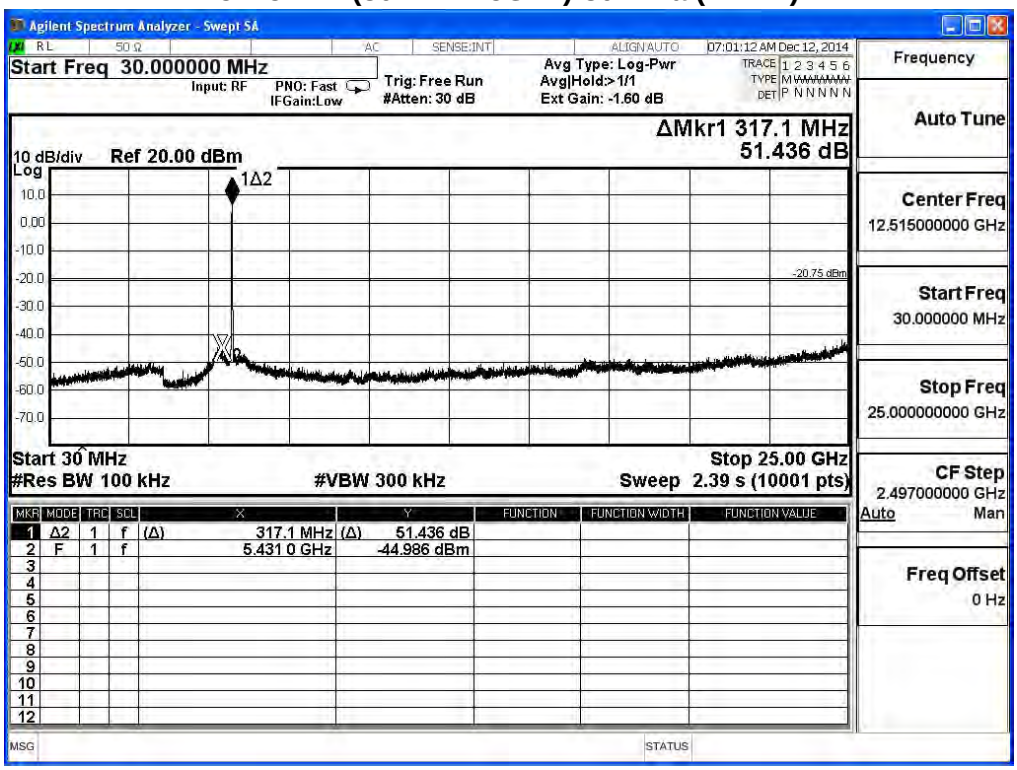

**5785MHz (30MHz~25GHz)-802.11a (ANT 0)**



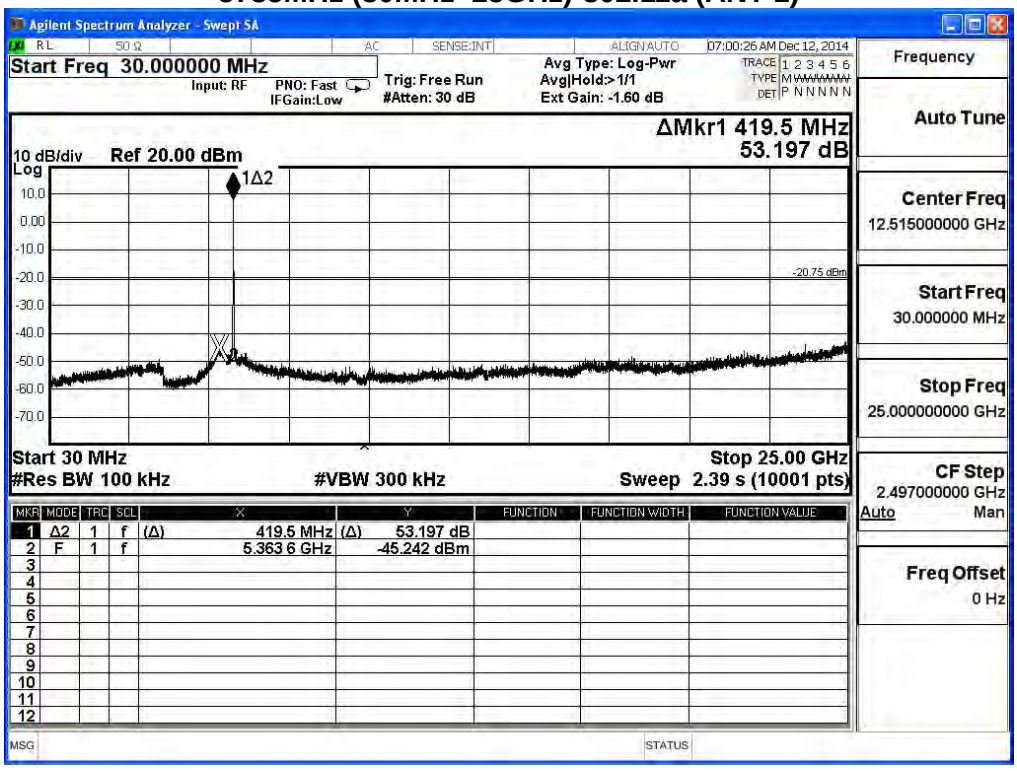
**5825MHz (30MHz~25GHz)-802.11a (ANT 0)**



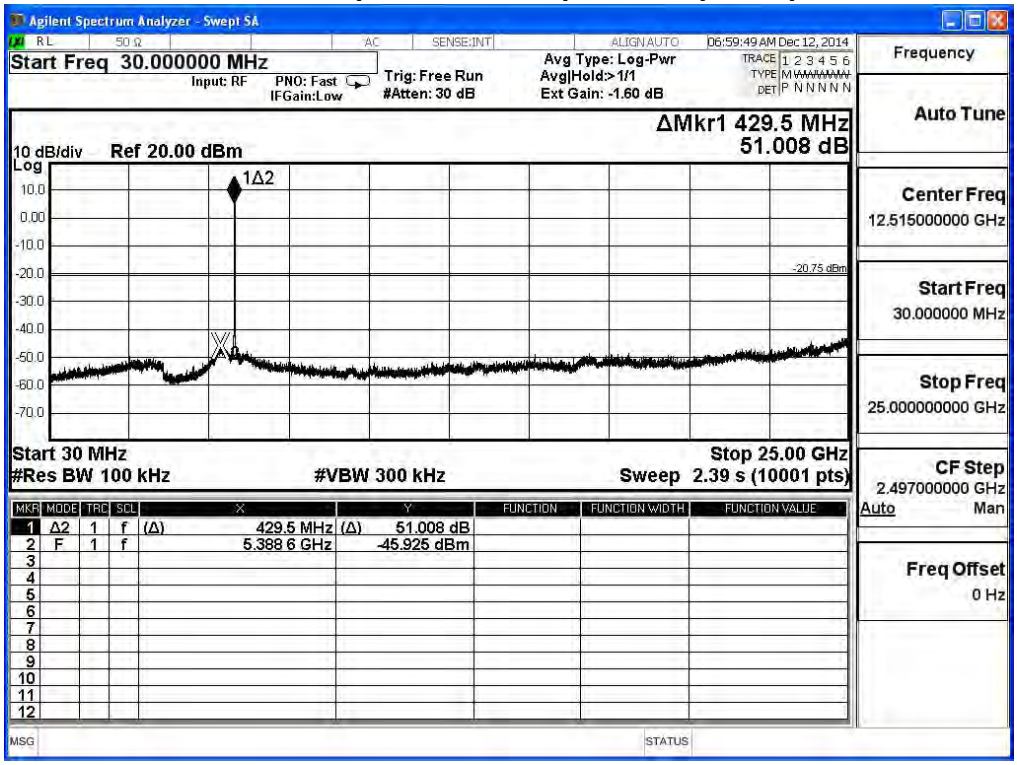
**5745MHz (30MHz~25GHz)-802.11a (ANT 1)**



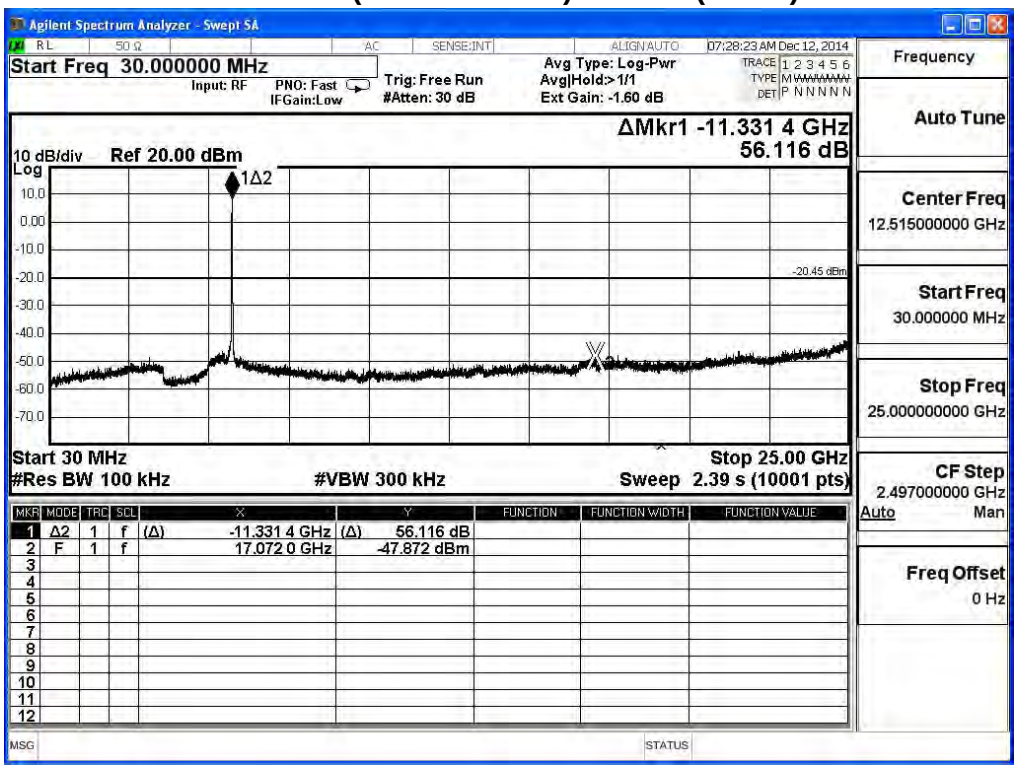

**5785MHz (30MHz~25GHz)-802.11a (ANT 1)**



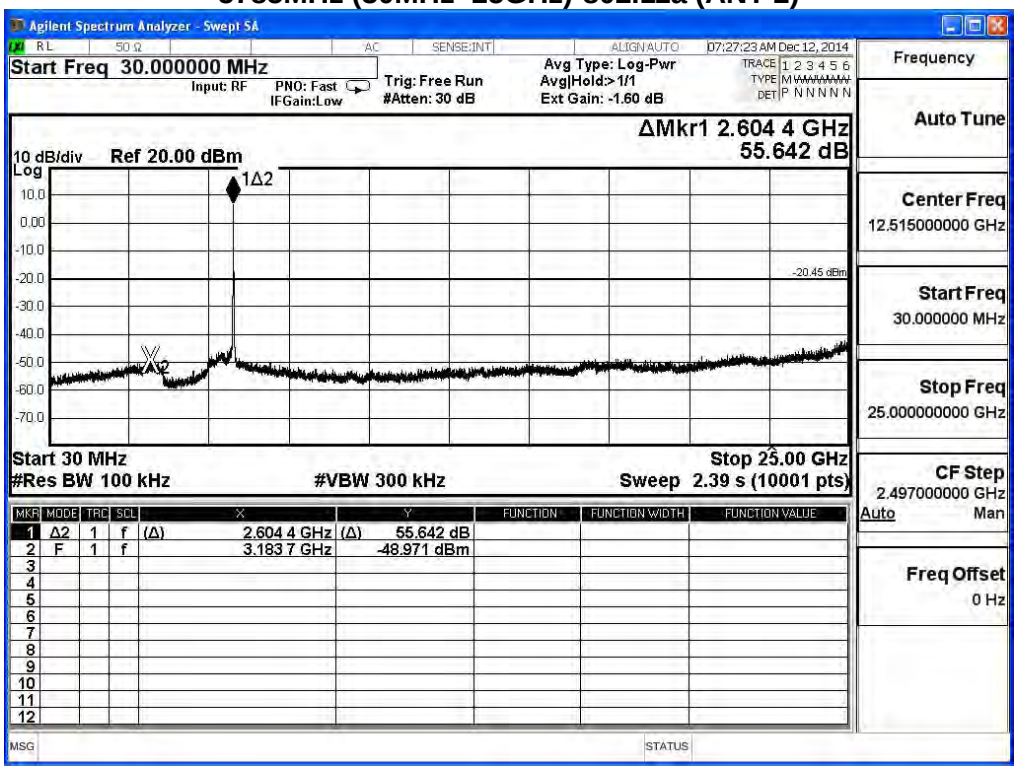
**5825MHz (30MHz~25GHz)-802.11a (ANT 1)**



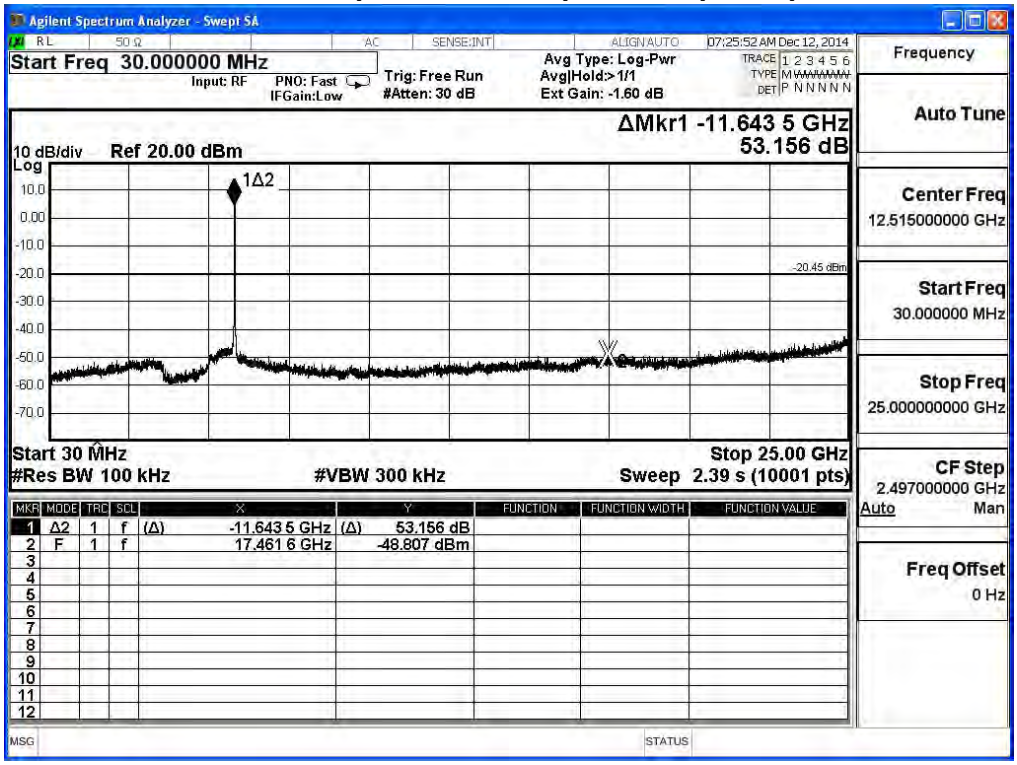
## 5745MHz (30MHz~25GHz)-802.11a (ANT 2)



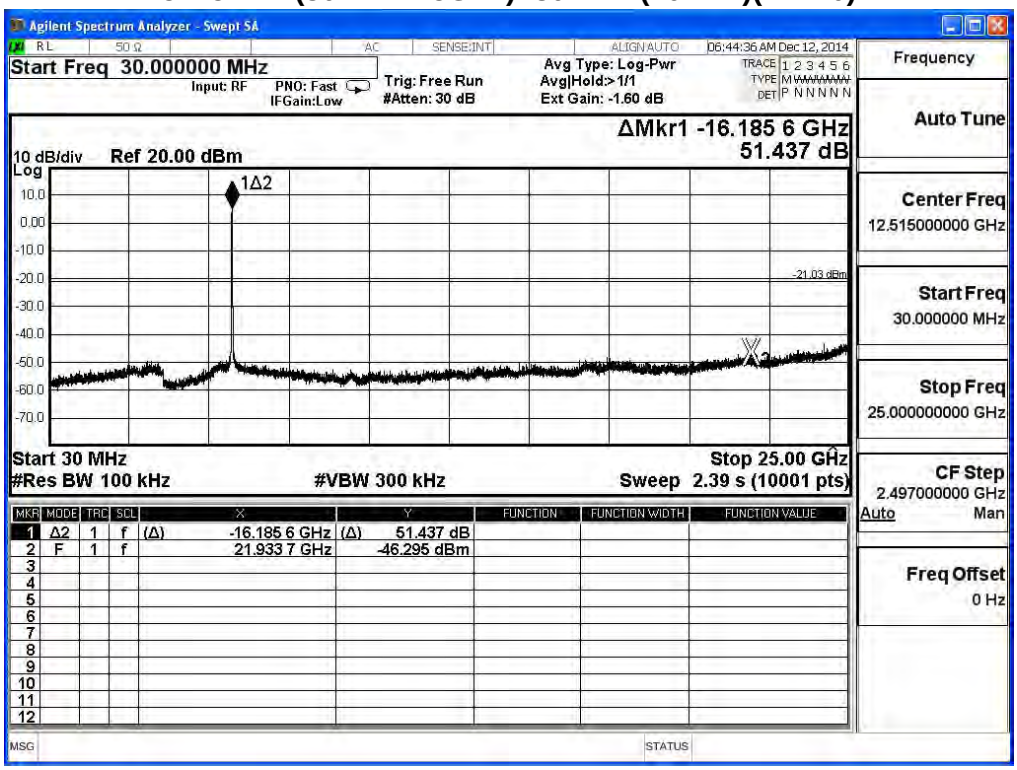

## 5785MHz (30MHz~25GHz)-802.11a (ANT 2)



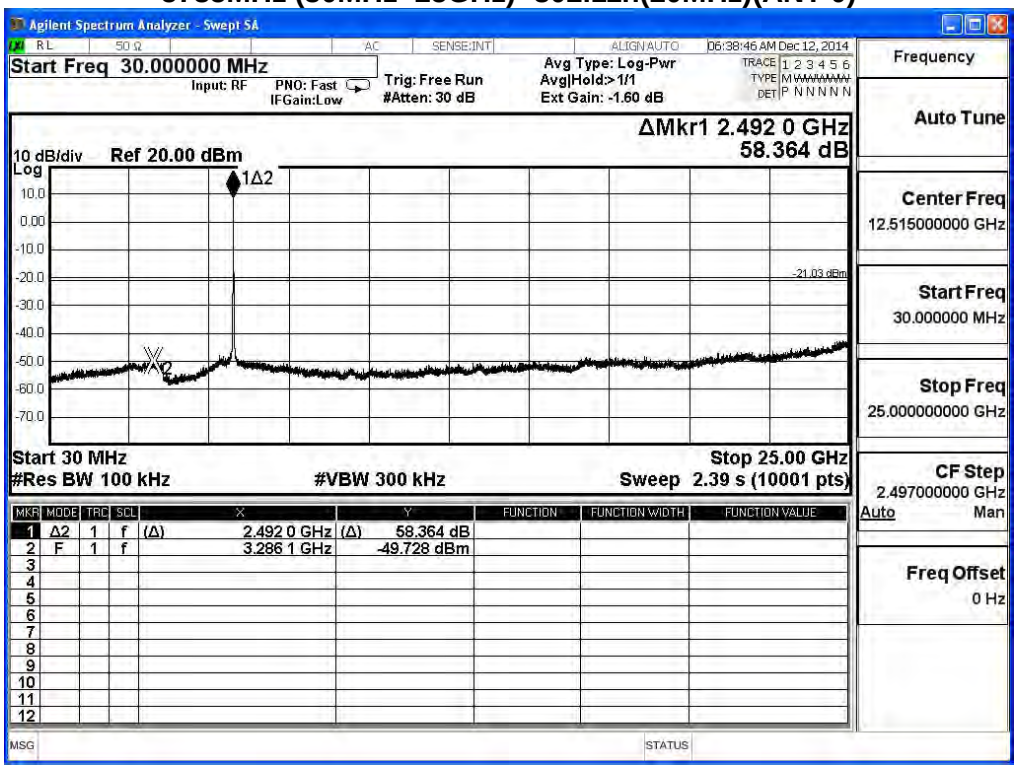
**5825MHz (30MHz~25GHz)-802.11a (ANT 2)**



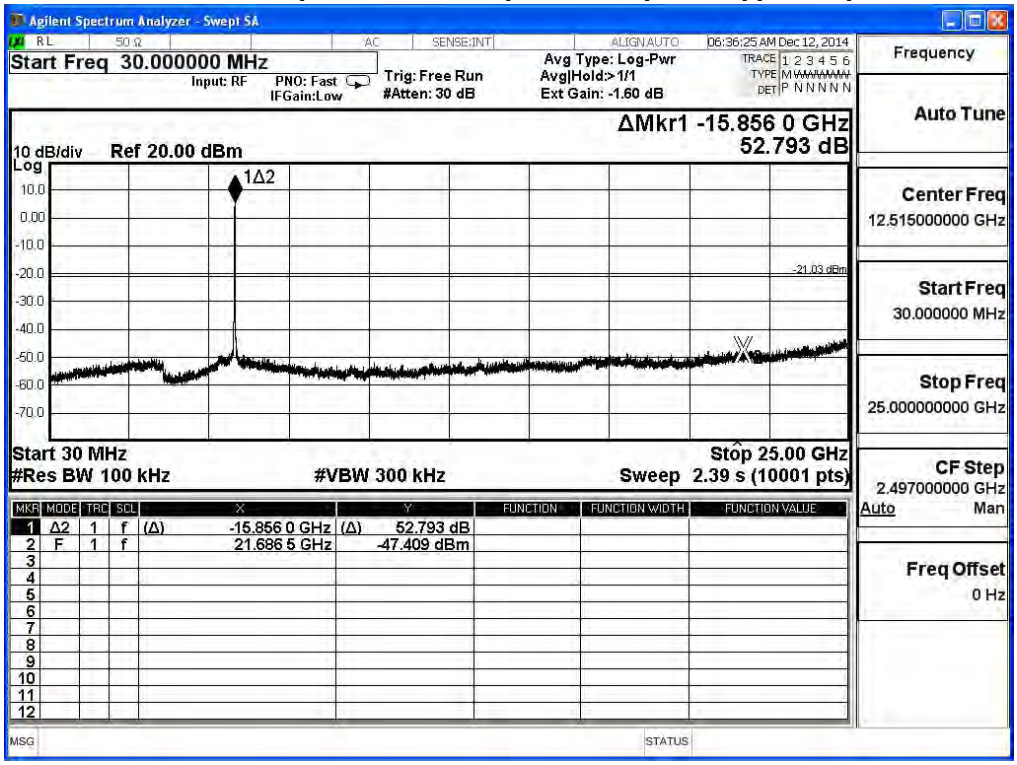
**5745MHz (30MHz~25GHz)- 802.11n(20MHz)(ANT 0)**



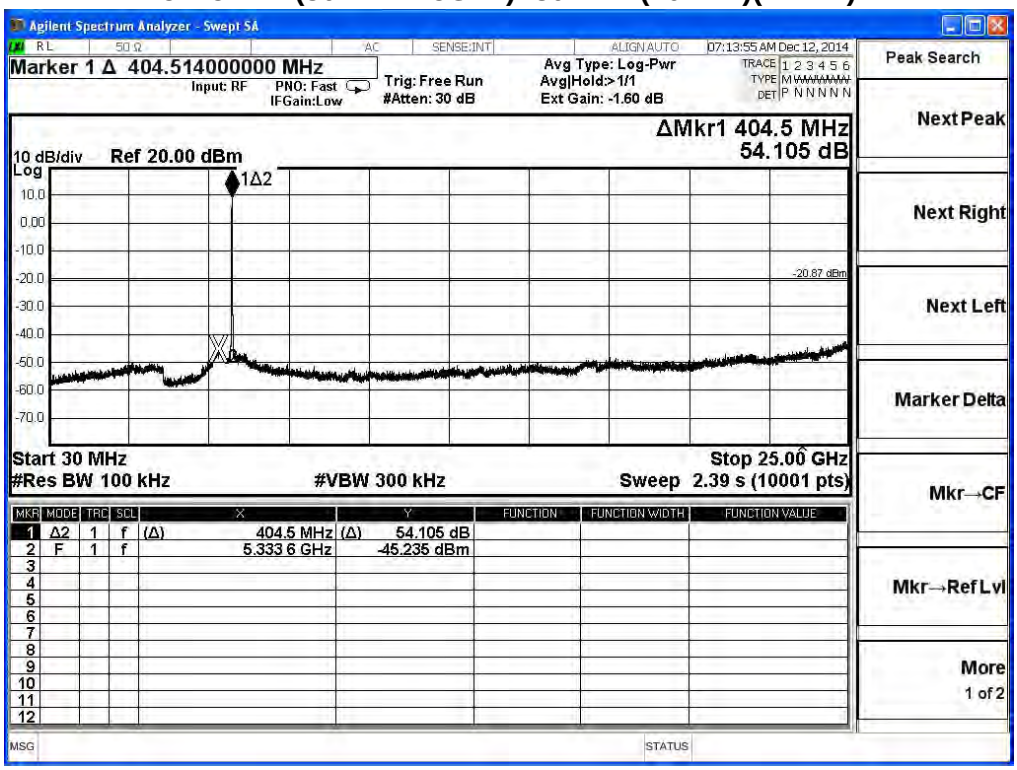

**5785MHz (30MHz~25GHz)- 802.11n(20MHz)(ANT 0)**



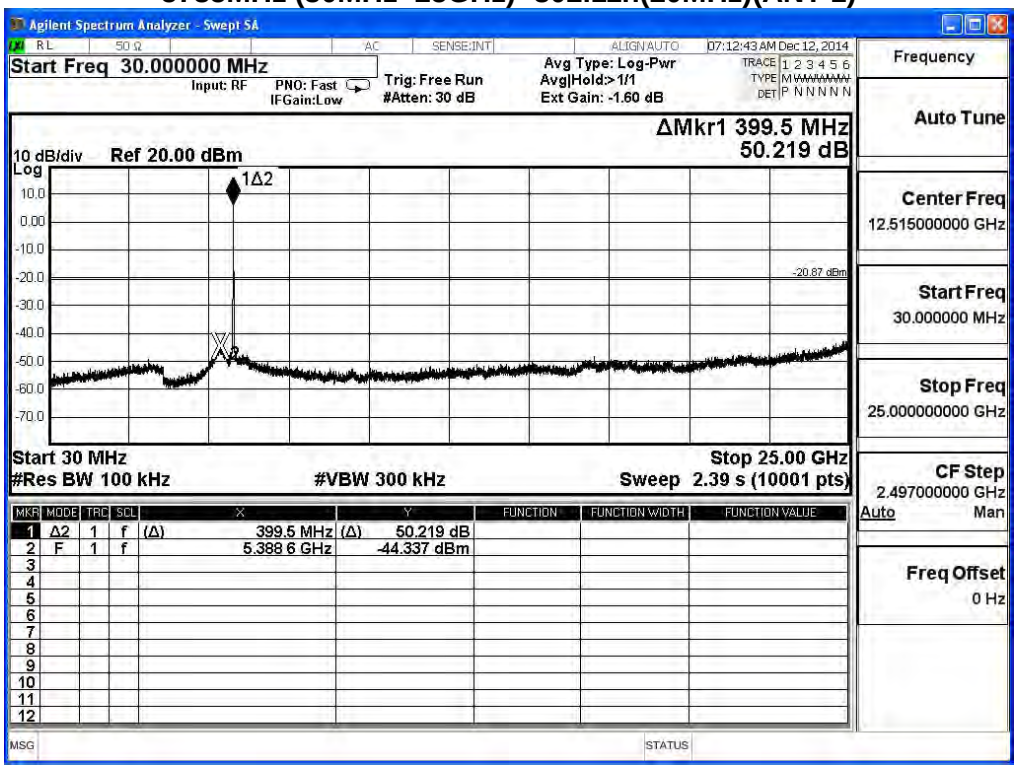
**5825MHz (30MHz~25GHz)- 802.11n(20MHz)(ANT 0)**



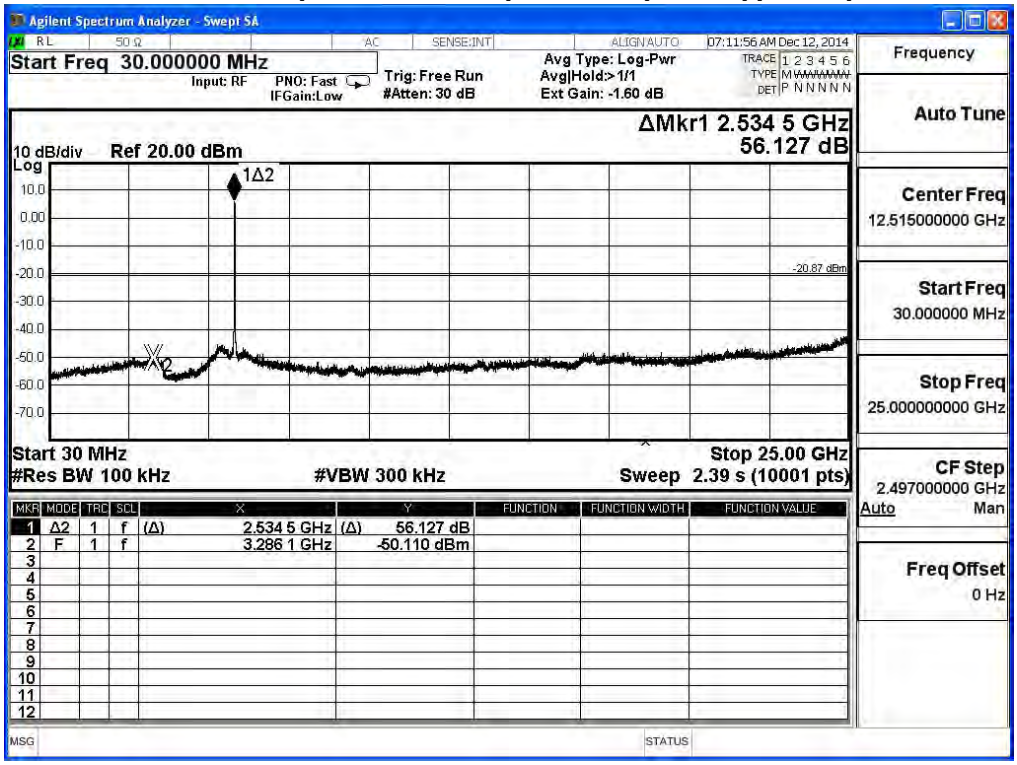
**5745MHz (30MHz~25GHz)- 802.11n(20MHz)(ANT 1)**



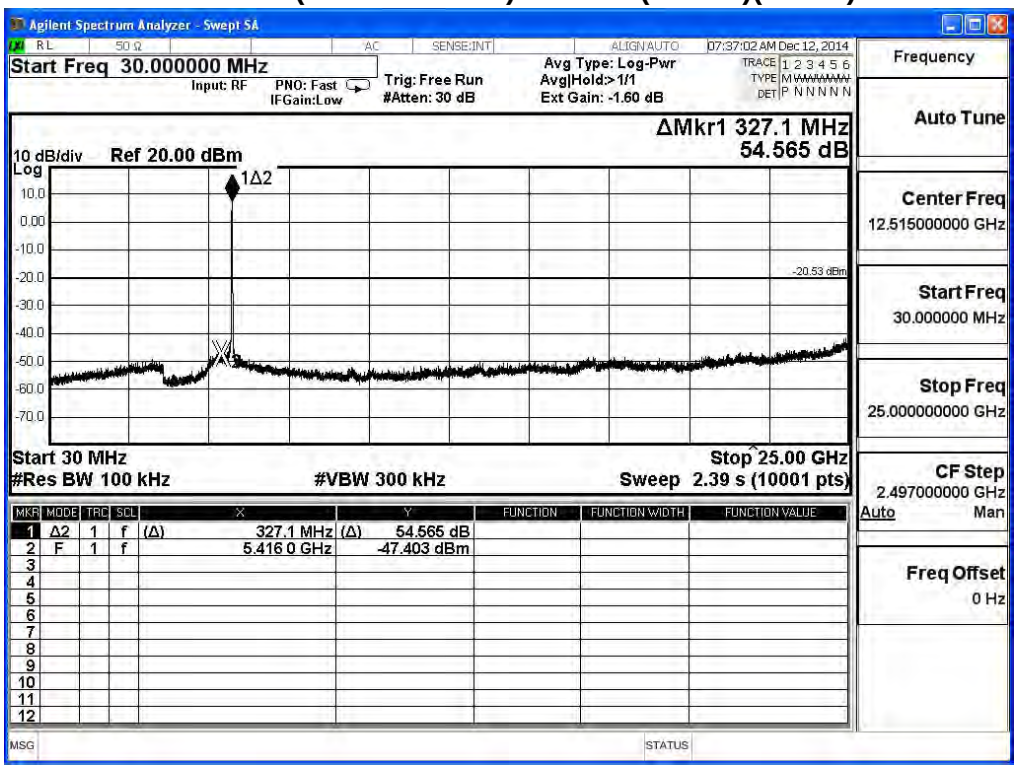

**5785MHz (30MHz~25GHz)- 802.11n(20MHz)(ANT 1)**



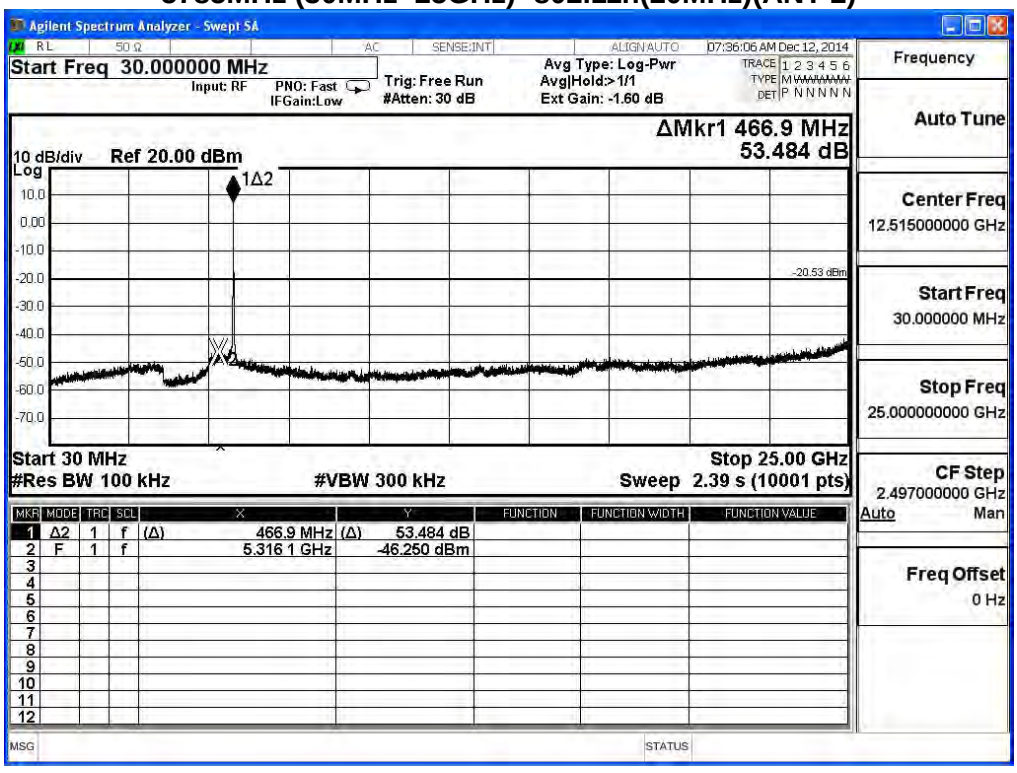
**5825MHz (30MHz~25GHz)- 802.11n(20MHz)(ANT 1)**



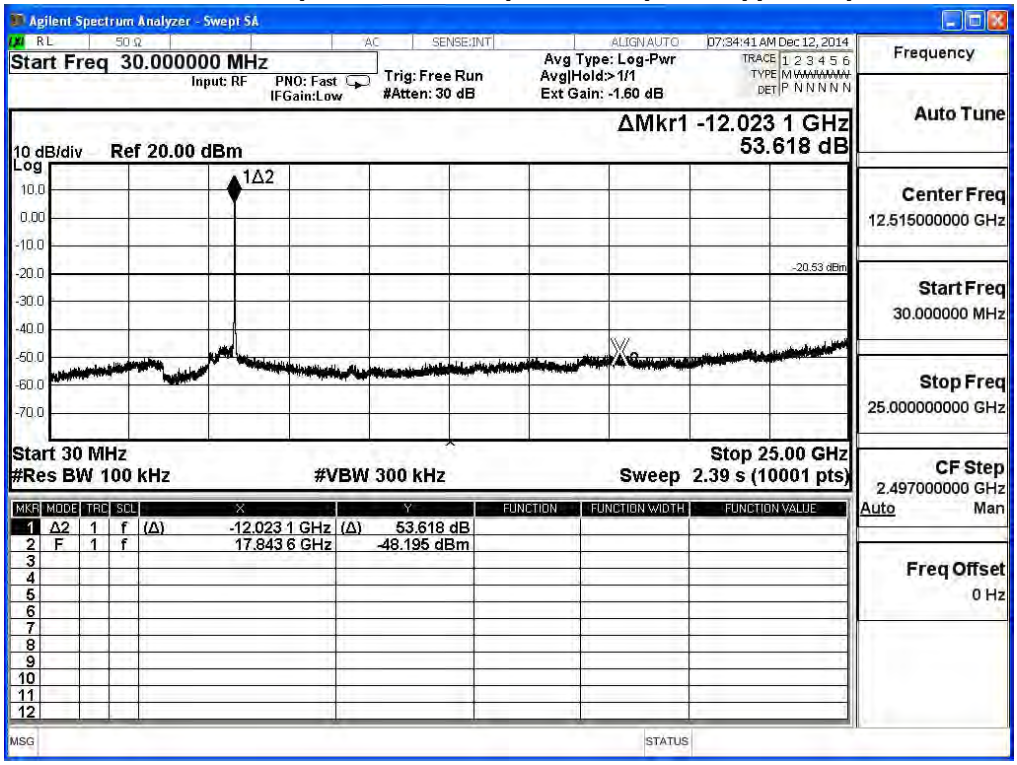
## 5745MHz (30MHz~25GHz)- 802.11n(20MHz)(ANT 2)



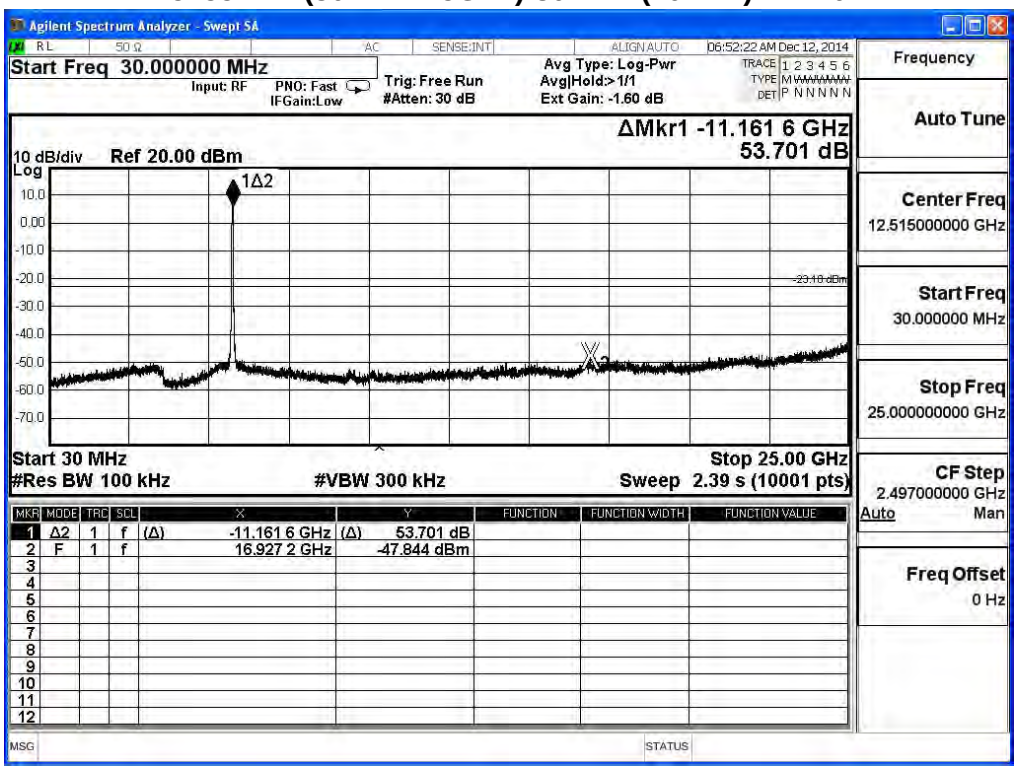

## 5785MHz (30MHz~25GHz)- 802.11n(20MHz)(ANT 2)



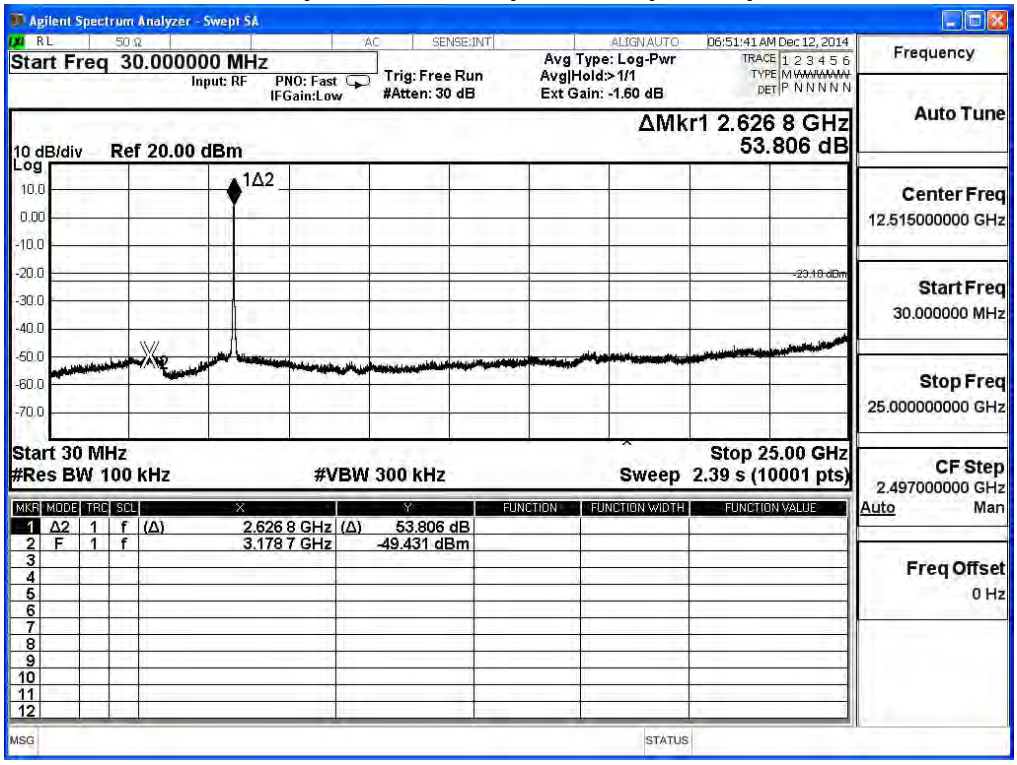
**5825MHz (30MHz~25GHz)- 802.11n(20MHz)(ANT 2)**



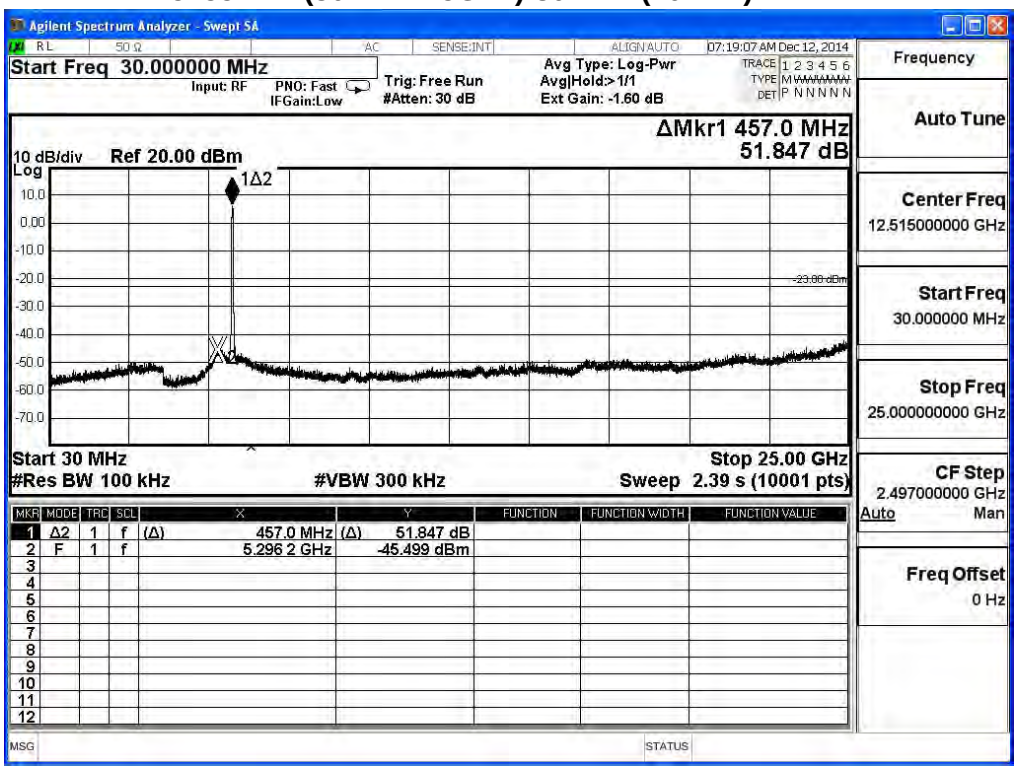
**5755MHz (30MHz~25GHz)-802.11n(40MHz)-ANT 0**



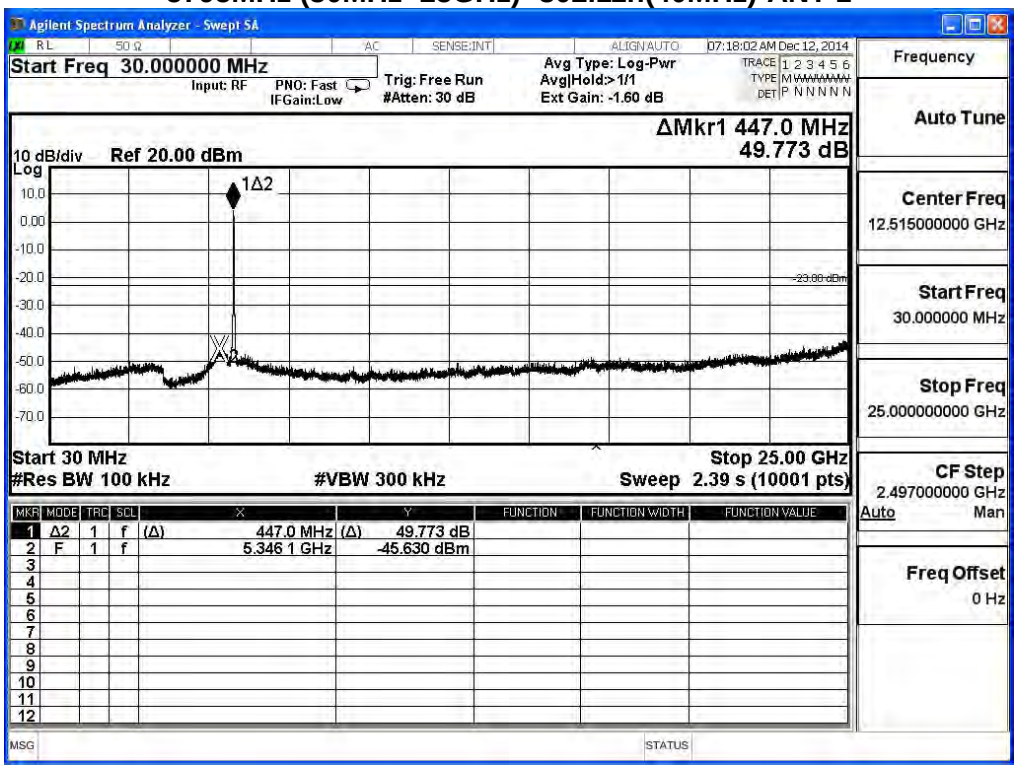

**5795MHz (30MHz~25GHz) -802.11n(40MHz)-ANT 0**



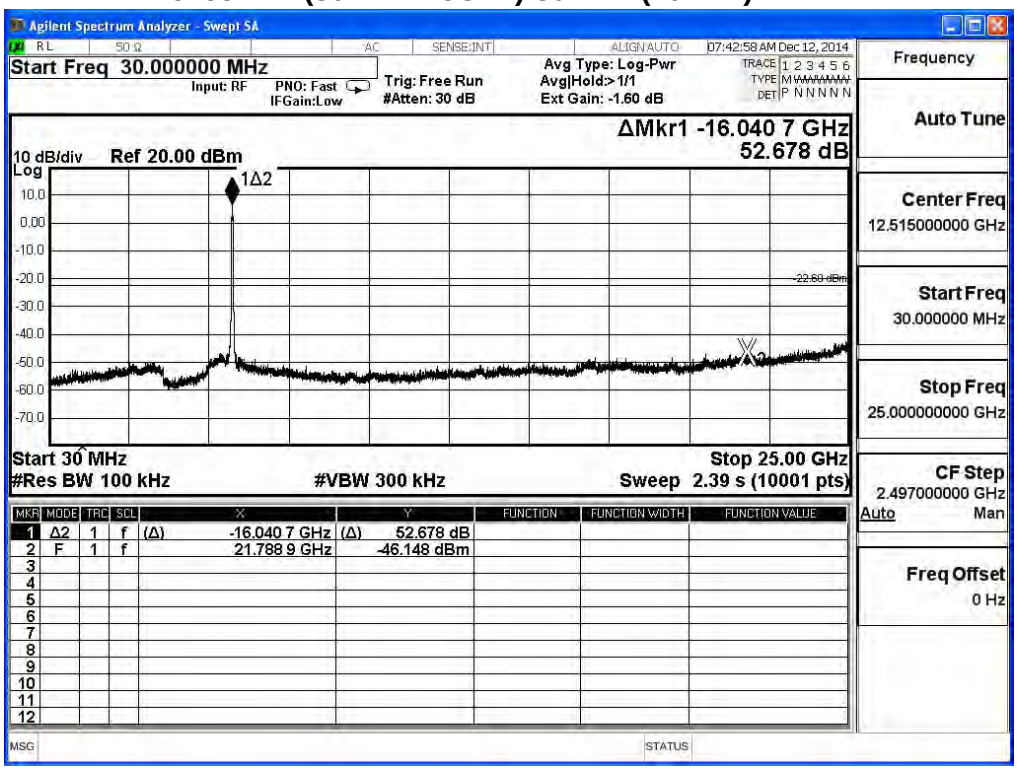
**5755MHz (30MHz~25GHz)-802.11n(40MHz)-ANT 1**



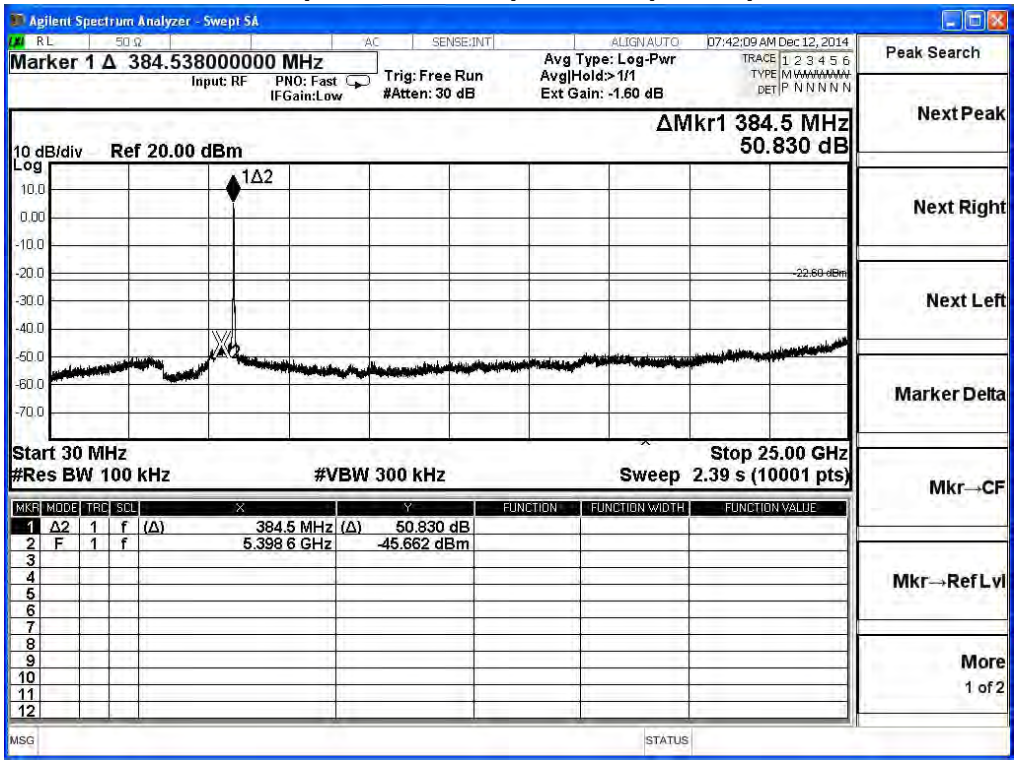

**5795MHz (30MHz~25GHz) -802.11n(40MHz)-ANT 1**



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




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



# 6. Radiated Emission Band Edge

## 6.1. Test Equipment

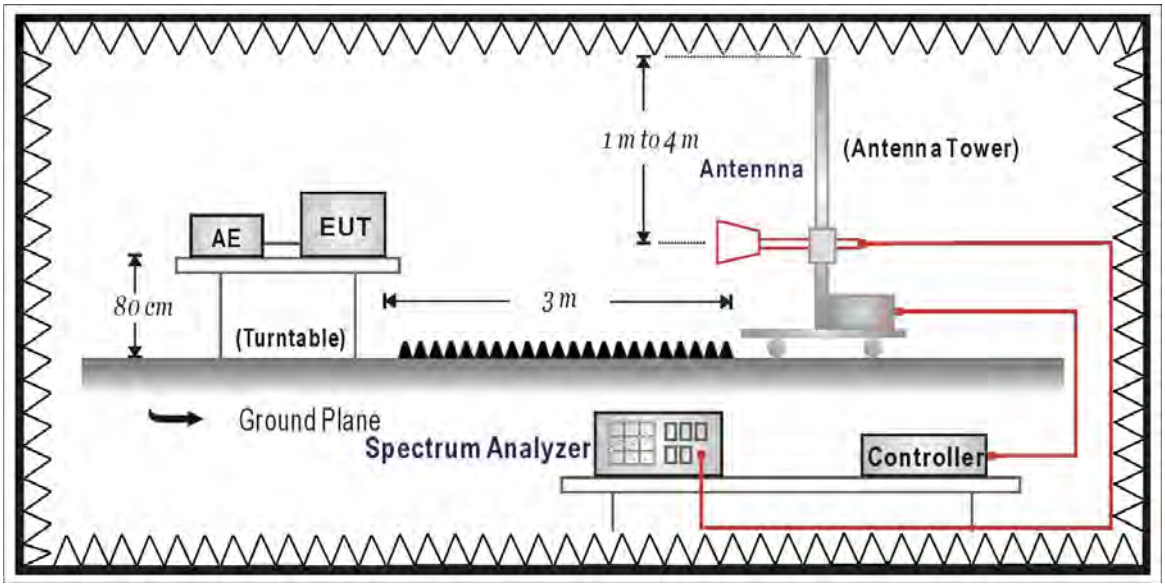
The following test equipments are used during the test:

Radiated Emission Band Edge / CB1

| Instrument | Manufacturer | Model No. | Serial No | Next Cal. Date |
|---|---|---|---|---|
| Double Ridged Guide Horn Antenna | Schwarzback | BBHA 9120 | D743 | 2015/02/12 |
| Spectrum Analyzer | Agilent | E4440A | MY46187335 | 2016/01/07 |
| 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 C63.10: 2009 and tested according to DTS test procedure of KDB558074 v03r02 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 C63.10: 2009 on radiated measurement.

## 6.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2013

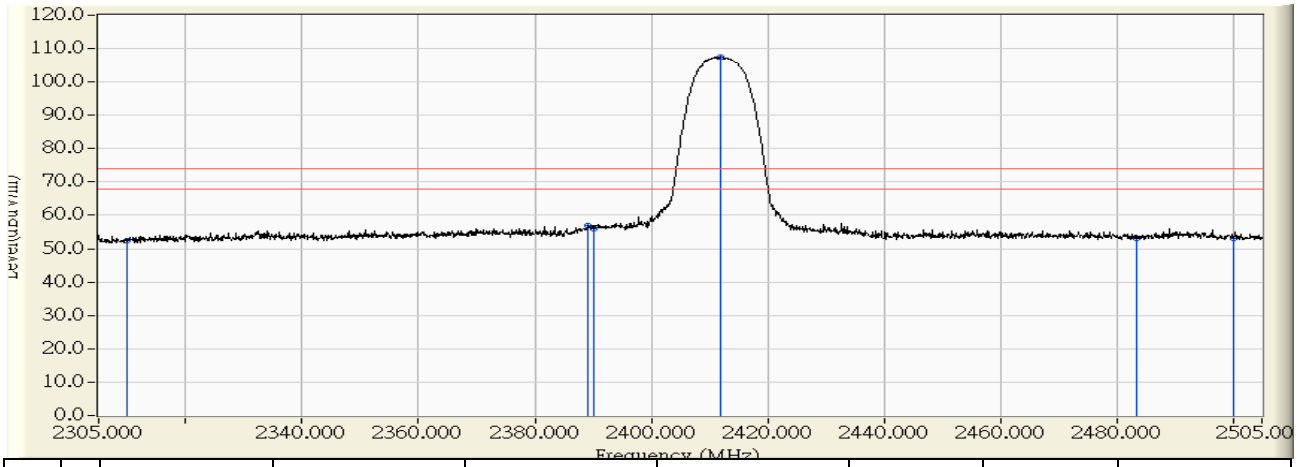
## 6.6. Uncertainty

The measurement uncertainty
± 3.9 dB above 1GHz

## 6.7. Test Result

**Radiated is defined as**

| | |
|---|---|
| **Site : CB1** | **Time : 2014/11/13 - 10:44** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11b_2412MHz** |

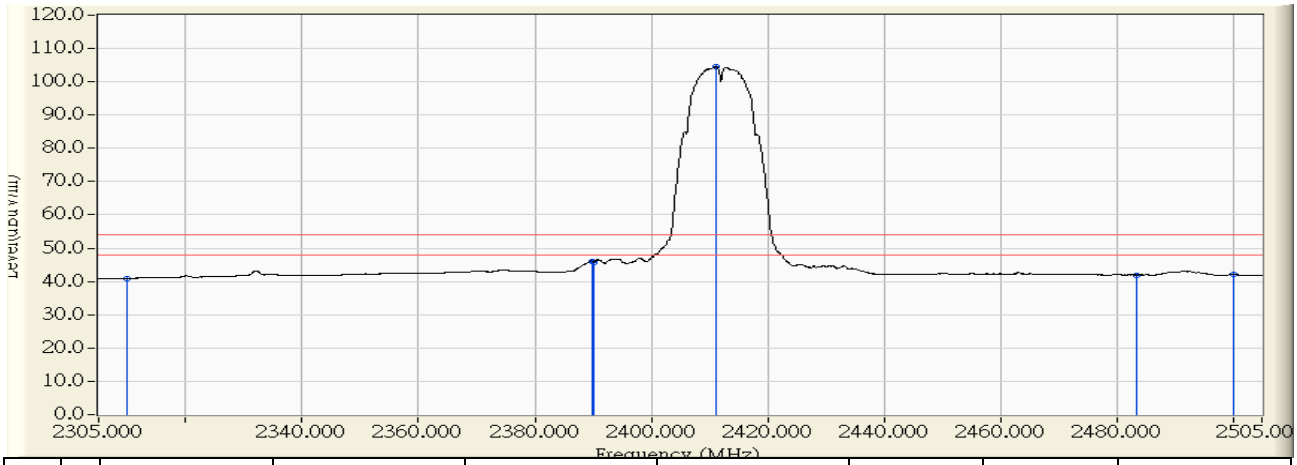



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 56.551 | 52.425 | -21.575 | 74.000 | PEAK |
| 2 | | 2389.100 | -3.337 | 60.233 | 56.895 | -17.105 | 74.000 | PEAK |
| 3 | | 2390.000 | -3.329 | 59.293 | 55.964 | -18.036 | 74.000 | PEAK |
| 4 | * | 2411.900 | -3.110 | 110.614 | 107.504 | 33.504 | 74.000 | PEAK |
| 5 | | 2483.500 | -2.623 | 55.619 | 52.995 | -21.005 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 55.761 | 53.089 | -20.911 | 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 : 2014/11/13 - 10:46** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11b_2412MHz** |

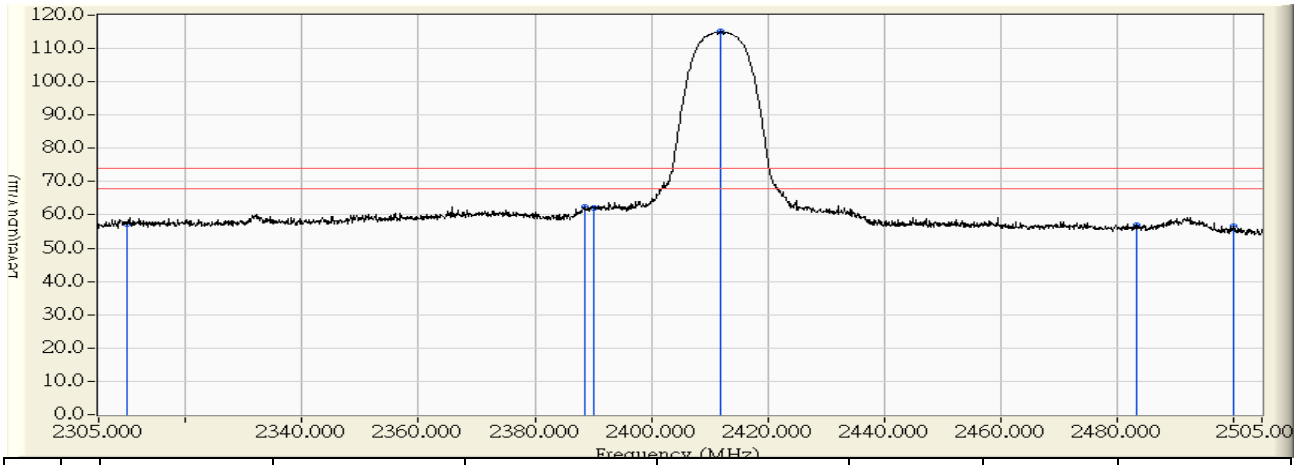



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 45.101 | 40.975 | -13.025 | 54.000 | AVERAGE |
| 2 | | 2389.900 | -3.330 | 49.255 | 45.925 | -8.075 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 49.172 | 45.843 | -8.157 | 54.000 | AVERAGE |
| 4 | * | 2411.200 | -3.117 | 107.809 | 104.692 | 50.692 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 44.596 | 41.972 | -12.028 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 44.910 | 42.238 | -11.762 | 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 : 2014/11/13 - 10:39** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11b_2412MHz** |

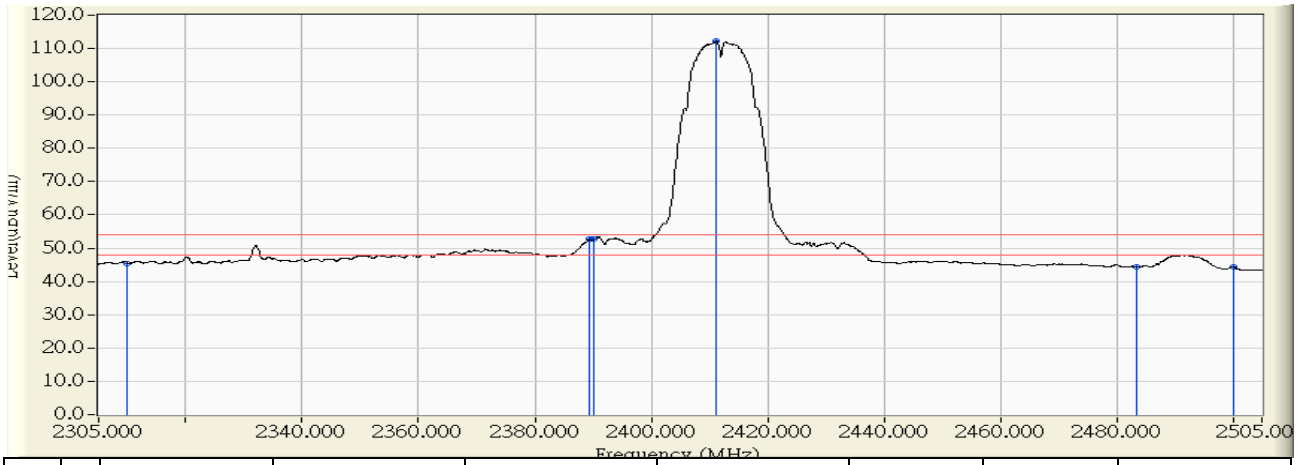



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 61.319 | 57.193 | -16.807 | 74.000 | PEAK |
| 2 | | 2388.700 | -3.341 | 65.629 | 62.287 | -11.713 | 74.000 | PEAK |
| 3 | | 2390.000 | -3.329 | 65.270 | 61.941 | -12.059 | 74.000 | PEAK |
| 4 | * | 2412.000 | -3.109 | 118.162 | 115.053 | 41.053 | 74.000 | PEAK |
| 5 | | 2483.500 | -2.623 | 59.565 | 56.941 | -17.059 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 59.337 | 56.665 | -17.335 | 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 : 2014/11/13 - 10:38** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030<br>802.11b_2412MHz** |

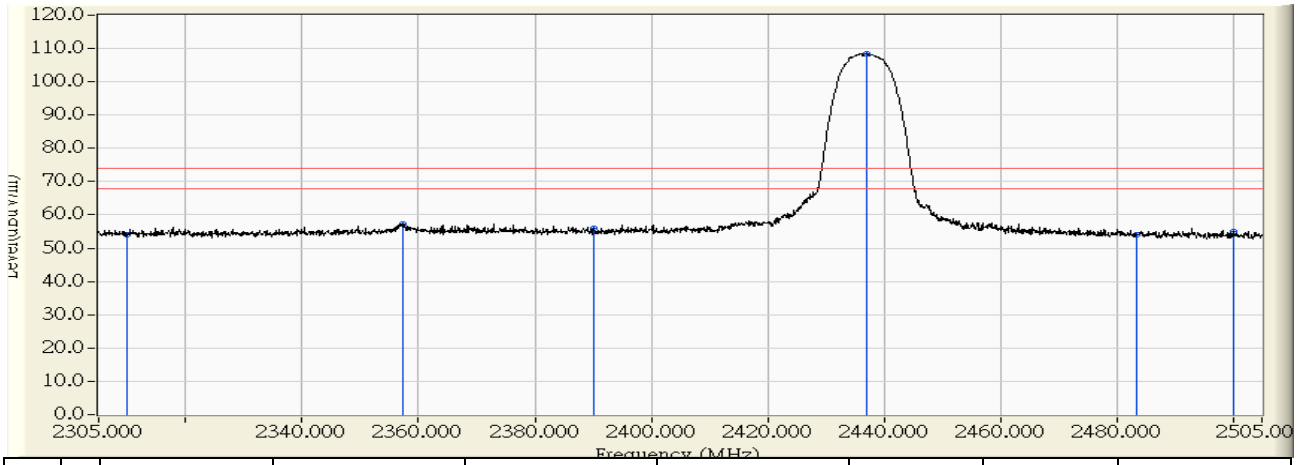



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 49.631 | 45.505 | -8.495 | 54.000 | AVERAGE |
| 2 | | 2389.300 | -3.336 | 56.035 | 52.699 | -1.301 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 56.109 | 52.780 | -1.220 | 54.000 | AVERAGE |
| 4 | * | 2411.200 | -3.117 | 115.332 | 112.215 | 58.215 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 47.016 | 44.392 | -9.608 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 47.100 | 44.428 | -9.572 | 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 : 2014/11/13 - 11:20** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11b_2437MHz** |

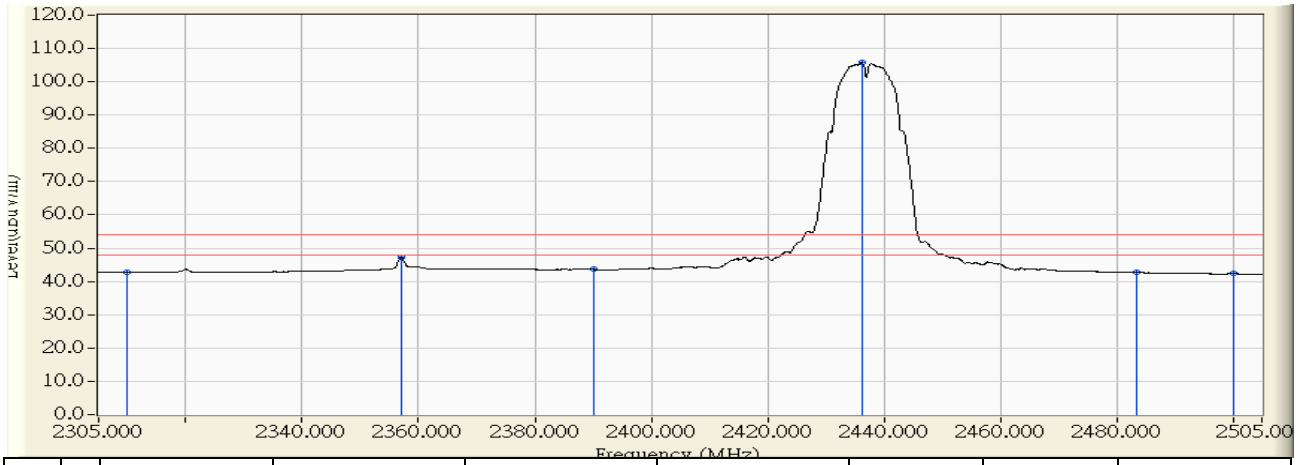



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 58.279 | 54.153 | -19.847 | 74.000 | PEAK |
| 2 | | 2357.200 | -3.655 | 61.008 | 57.352 | -16.648 | 74.000 | PEAK |
| 3 | | 2390.000 | -3.329 | 59.455 | 56.126 | -17.874 | 74.000 | PEAK |
| 4 | * | 2437.100 | -2.859 | 111.366 | 108.507 | 34.507 | 74.000 | PEAK |
| 5 | | 2483.500 | -2.623 | 56.676 | 54.052 | -19.948 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 57.820 | 55.148 | -18.852 | 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 : 2014/11/13 - 11:21** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030**<br>**802.11b_2437MHz** |

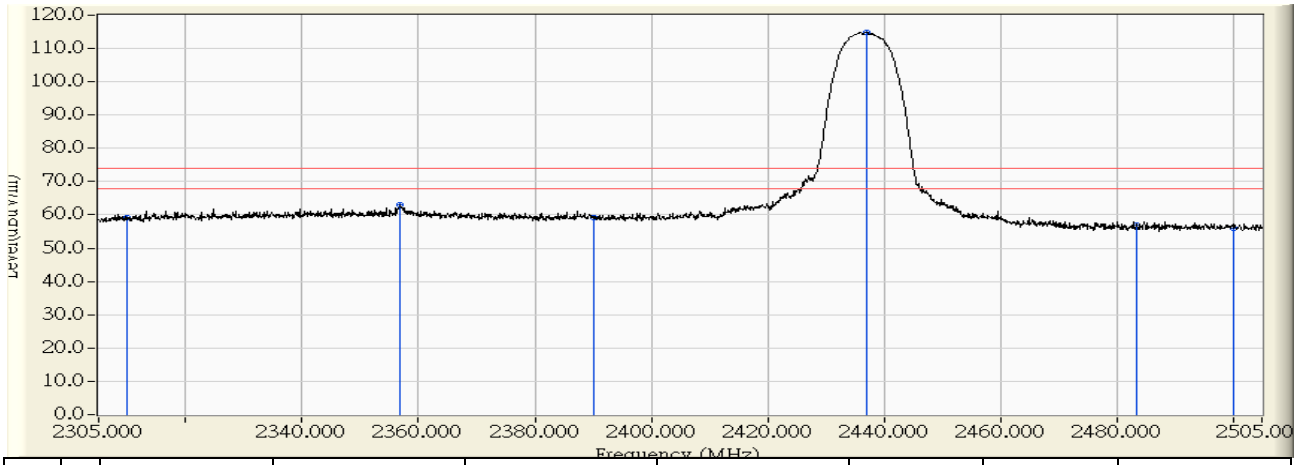



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 46.931 | 42.805 | -11.195 | 54.000 | AVERAGE |
| 2 | | 2357.000 | -3.658 | 50.854 | 47.196 | -6.804 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 46.935 | 43.606 | -10.394 | 54.000 | AVERAGE |
| 4 | * | 2436.200 | -2.868 | 108.800 | 105.932 | 51.932 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 45.320 | 42.696 | -11.304 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 45.215 | 42.543 | -11.457 | 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 : 2014/11/13 - 11:15** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11b_2437MHz** |

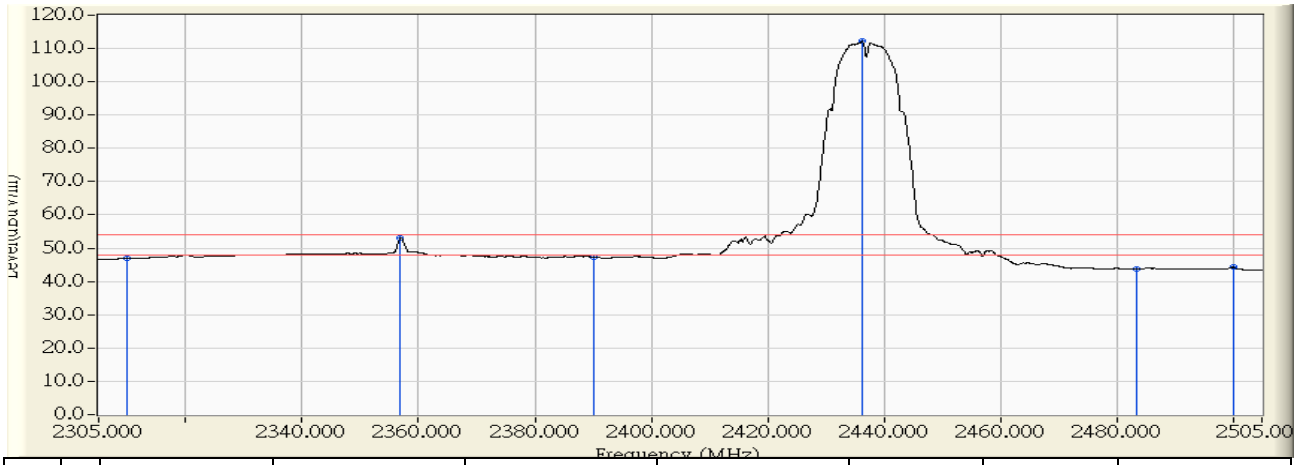



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 63.242 | 59.116 | -14.884 | 74.000 | PEAK |
| 2 | | 2356.800 | -3.660 | 66.572 | 62.912 | -11.088 | 74.000 | PEAK |
| 3 | | 2390.000 | -3.329 | 62.493 | 59.164 | -14.836 | 74.000 | PEAK |
| 4 | * | 2437.000 | -2.860 | 117.733 | 114.873 | 40.873 | 74.000 | PEAK |
| 5 | | 2483.500 | -2.623 | 59.728 | 57.104 | -16.896 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 58.558 | 55.886 | -18.114 | 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 : 2014/11/13 - 11:13** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11b_2437MHz** |

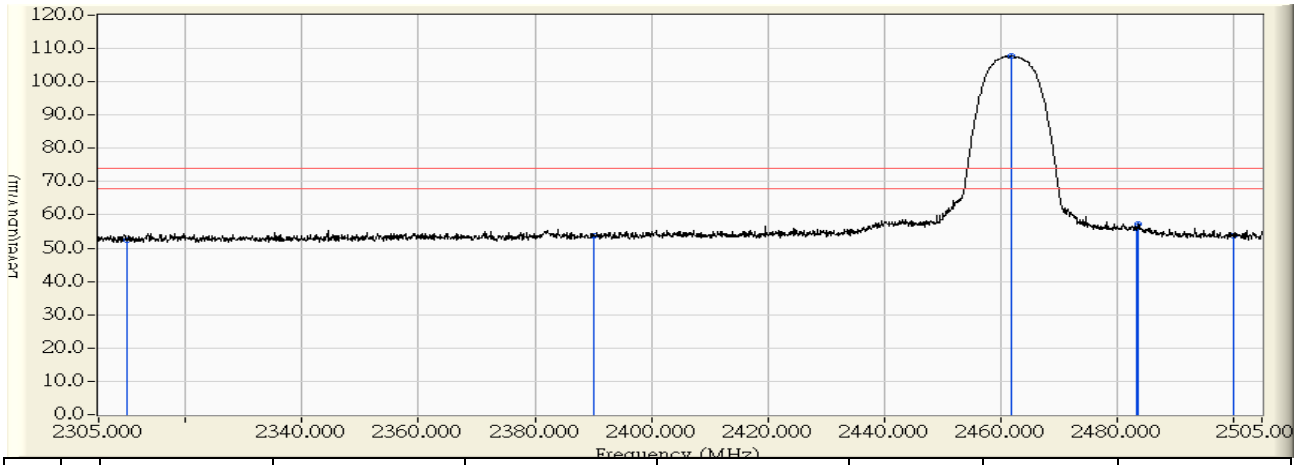



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 51.046 | 46.920 | -7.080 | 54.000 | AVERAGE |
| 2 | | 2356.900 | -3.659 | 56.618 | 52.959 | -1.041 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 50.679 | 47.350 | -6.650 | 54.000 | AVERAGE |
| 4 | * | 2436.200 | -2.868 | 115.048 | 112.180 | 58.180 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 46.369 | 43.745 | -10.255 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 46.924 | 44.252 | -9.748 | 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 : 2014/11/13 - 11:32** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030<br>802.11b_2462MHz** |

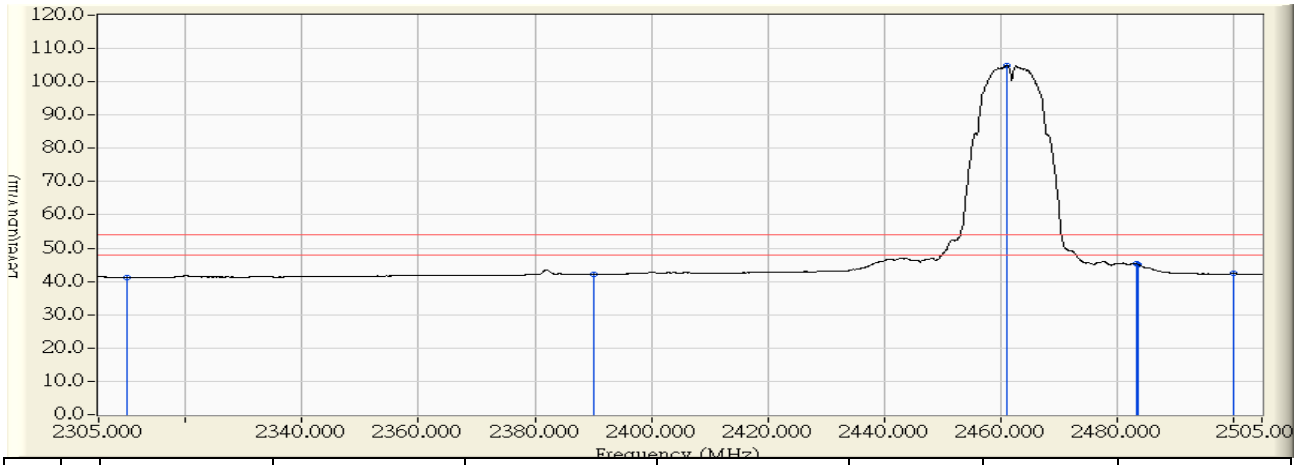



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 56.465 | 52.339 | -21.661 | 74.000 | PEAK |
| 2 | | 2390.000 | -3.329 | 57.088 | 53.759 | -20.241 | 74.000 | PEAK |
| 3 | * | 2462.000 | -2.611 | 110.429 | 107.818 | 33.818 | 74.000 | PEAK |
| 4 | | 2483.500 | -2.623 | 58.704 | 56.080 | -17.920 | 74.000 | PEAK |
| 5 | | 2483.800 | -2.626 | 59.961 | 57.336 | -16.664 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 56.267 | 53.595 | -20.405 | 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 : 2014/11/13 - 11:33** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030<br>802.11b_2462MHz** |

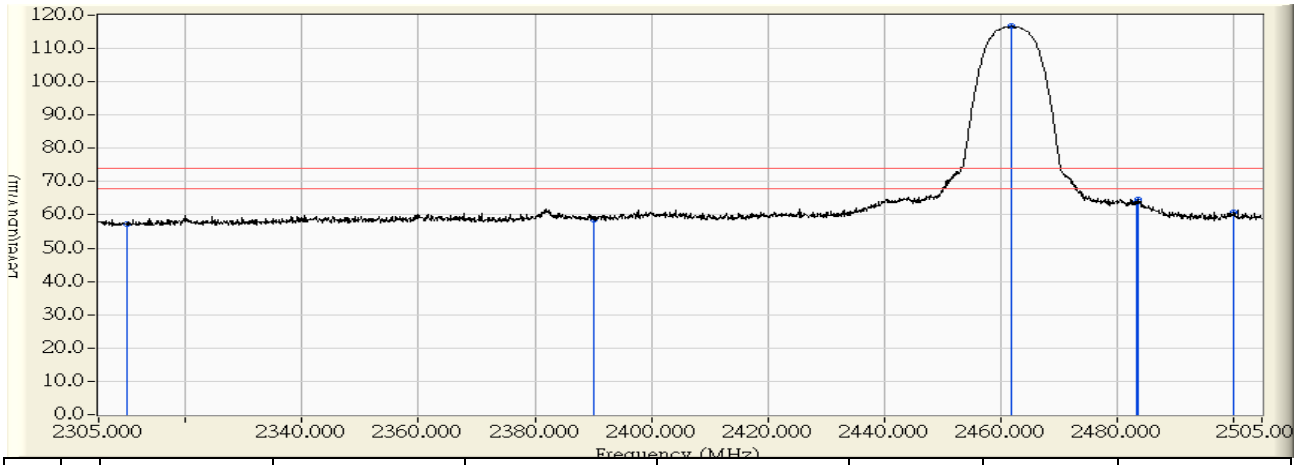



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 45.370 | 41.244 | -12.756 | 54.000 | AVERAGE |
| 2 | | 2390.000 | -3.329 | 45.463 | 42.134 | -11.866 | 54.000 | AVERAGE |
| 3 | * | 2461.200 | -2.619 | 107.657 | 105.038 | 51.038 | 54.000 | AVERAGE |
| 4 | | 2483.500 | -2.623 | 47.851 | 45.227 | -8.773 | 54.000 | AVERAGE |
| 5 | | 2483.600 | -2.625 | 47.750 | 45.126 | -8.874 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 45.115 | 42.443 | -11.557 | 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 : 2014/11/13 - 11:28** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11b_2462MHz** |

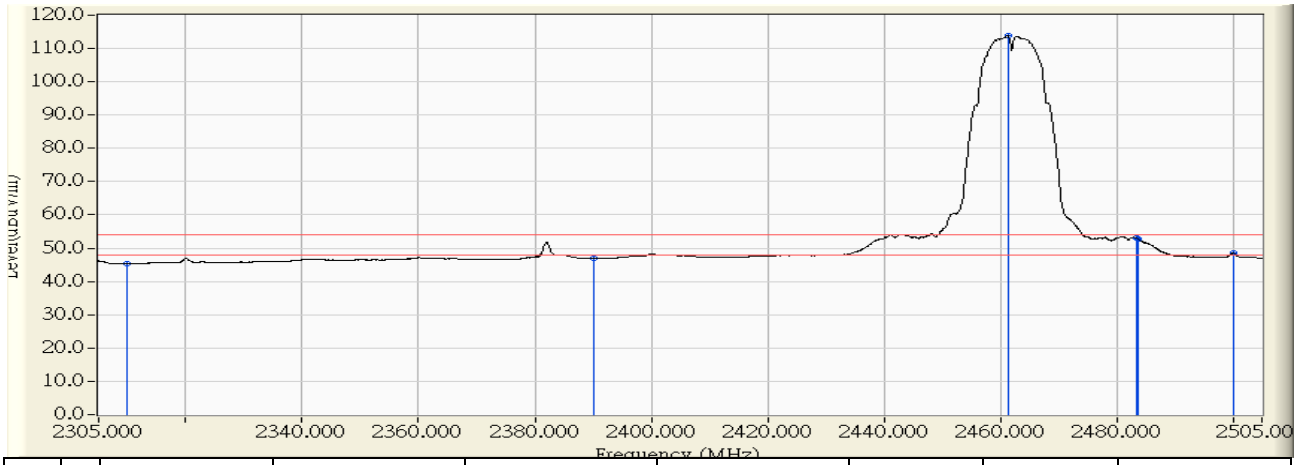



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 61.397 | 57.271 | -16.729 | 74.000 | PEAK |
| 2 | | 2390.000 | -3.329 | 61.769 | 58.440 | -15.560 | 74.000 | PEAK |
| 3 | * | 2461.900 | -2.612 | 119.484 | 116.872 | 42.872 | 74.000 | PEAK |
| 4 | | 2483.500 | -2.623 | 66.163 | 63.539 | -10.461 | 74.000 | PEAK |
| 5 | | 2483.600 | -2.625 | 67.329 | 64.705 | -9.295 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 63.349 | 60.677 | -13.323 | 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 : 2014/11/13 - 11:27** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11b_2462MHz** |

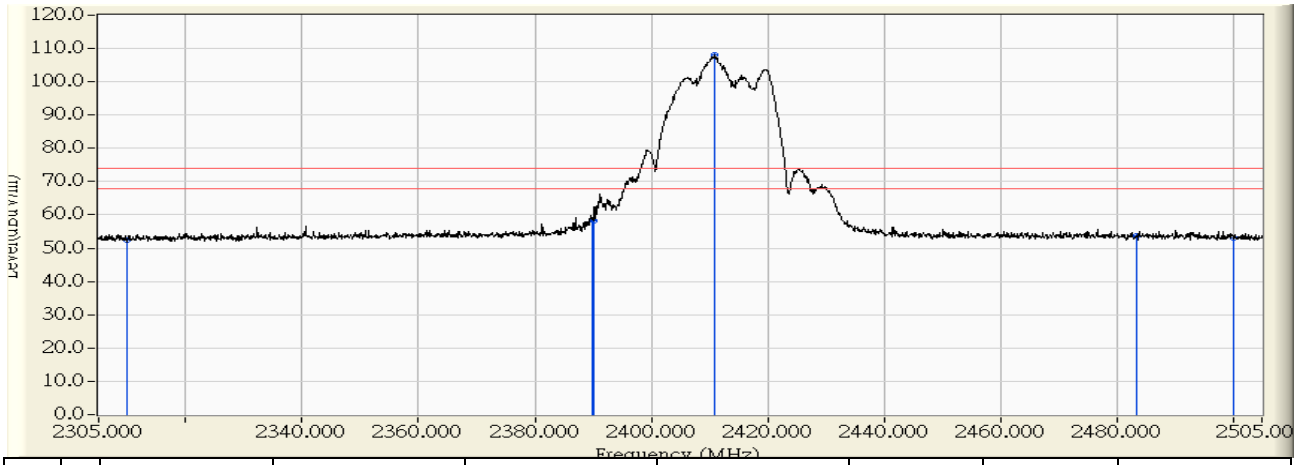



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 49.583 | 45.457 | -8.543 | 54.000 | AVERAGE |
| 2 | | 2390.000 | -3.329 | 50.408 | 47.079 | -6.921 | 54.000 | AVERAGE |
| 3 | * | 2461.300 | -2.617 | 116.566 | 113.948 | 59.948 | 54.000 | AVERAGE |
| 4 | | 2483.500 | -2.623 | 55.583 | 52.959 | -1.041 | 54.000 | AVERAGE |
| 5 | | 2483.600 | -2.625 | 55.407 | 52.783 | -1.217 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 51.196 | 48.524 | -5.476 | 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 : 2014/11/13 - 11:46** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11g_2412MHz** |

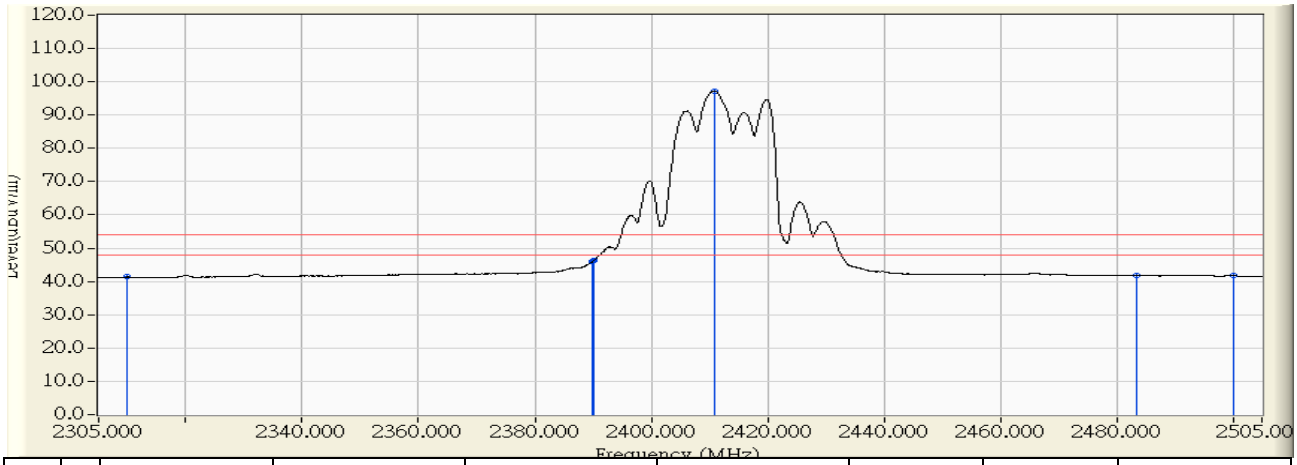



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 56.643 | 52.517 | -21.483 | 74.000 | PEAK |
| 2 | | 2389.900 | -3.330 | 61.885 | 58.555 | -15.445 | 74.000 | PEAK |
| 3 | | 2390.000 | -3.329 | 61.670 | 58.341 | -15.659 | 74.000 | PEAK |
| 4 | * | 2410.900 | -3.120 | 111.095 | 107.975 | 33.975 | 74.000 | PEAK |
| 5 | | 2483.500 | -2.623 | 56.264 | 53.640 | -20.360 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 55.668 | 52.996 | -21.004 | 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 : 2014/11/13 - 11:47** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11g_2412MHz** |

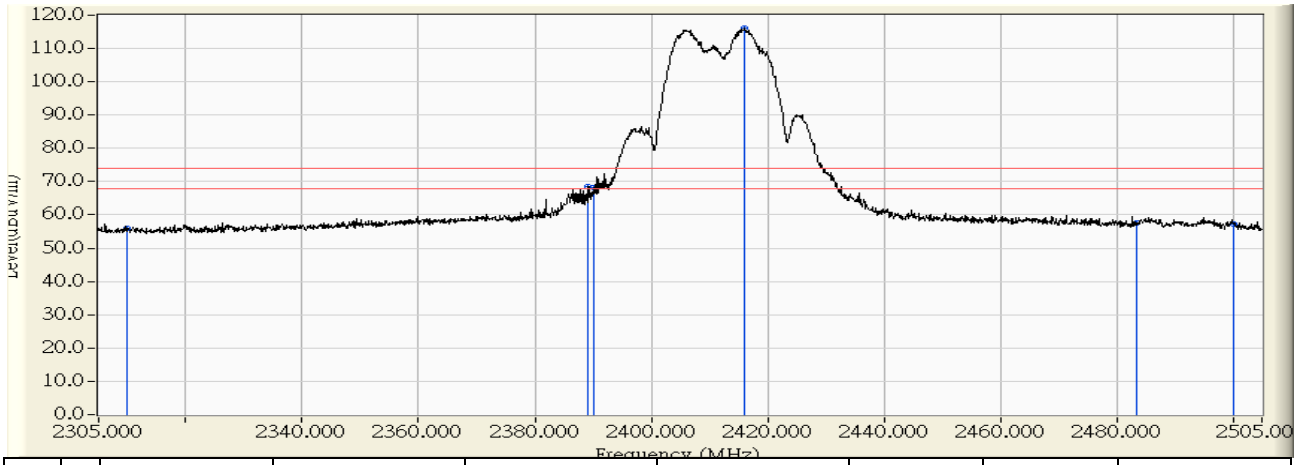



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 45.480 | 41.354 | -12.646 | 54.000 | AVERAGE |
| 2 | | 2389.900 | -3.330 | 49.313 | 45.983 | -8.017 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 49.515 | 46.186 | -7.814 | 54.000 | AVERAGE |
| 4 | * | 2410.800 | -3.122 | 100.322 | 97.201 | 43.201 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 44.406 | 41.782 | -12.218 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 44.512 | 41.840 | -12.160 | 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 : 2014/11/13 - 11:41** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11g_2412MHz** |

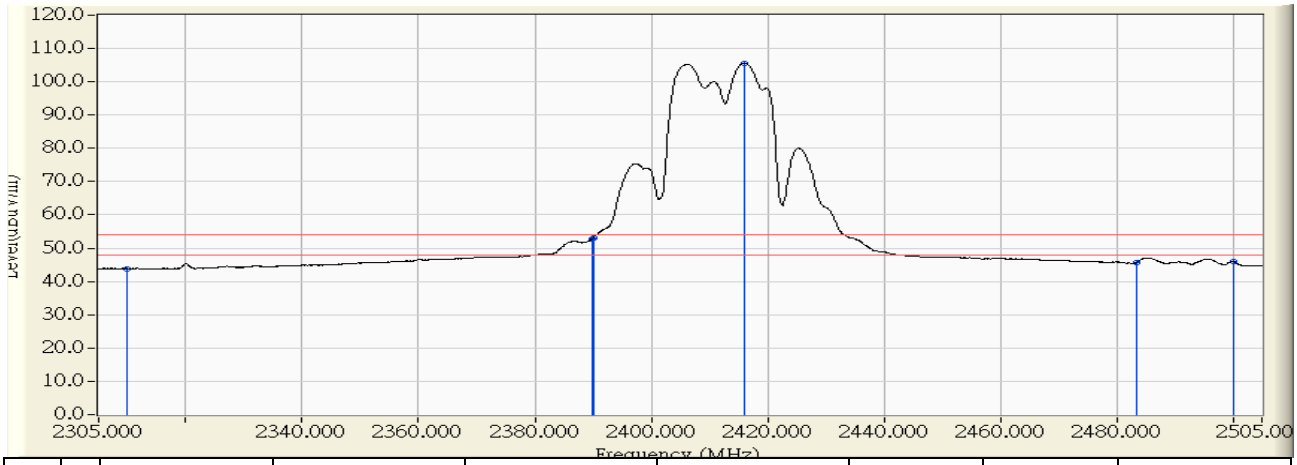



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 59.947 | 55.821 | -18.179 | 74.000 | PEAK |
| 2 | | 2389.200 | -3.337 | 71.792 | 68.455 | -5.545 | 74.000 | PEAK |
| 3 | | 2390.000 | -3.329 | 71.416 | 68.087 | -5.913 | 74.000 | PEAK |
| 4 | * | 2416.000 | -3.069 | 119.317 | 116.248 | 42.248 | 74.000 | PEAK |
| 5 | | 2483.500 | -2.623 | 60.330 | 57.706 | -16.294 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 59.919 | 57.247 | -16.753 | 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 : 2014/11/13 - 11:40** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11g_2412MHz** |

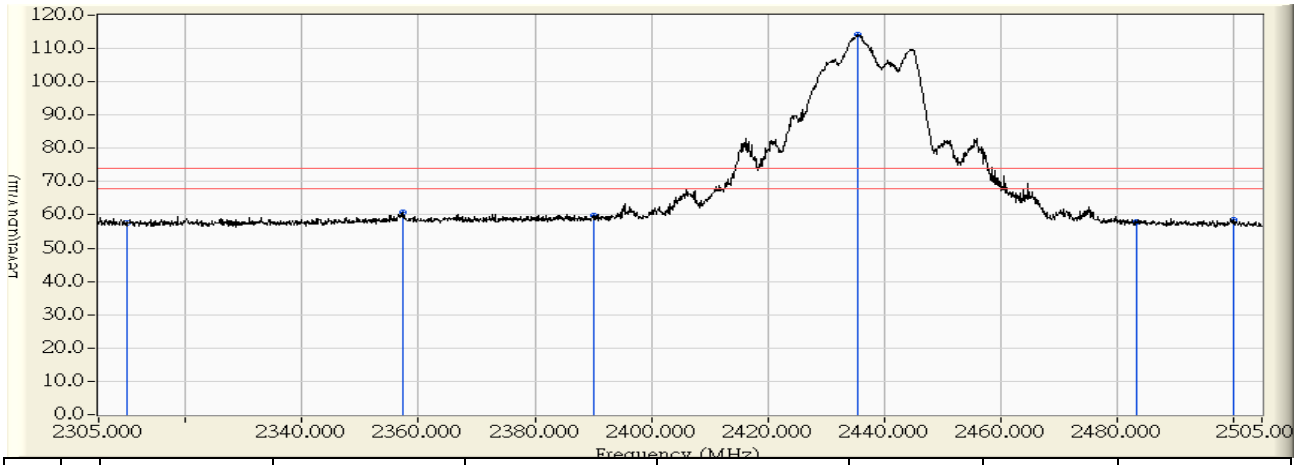



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 47.985 | 43.859 | -10.141 | 54.000 | AVERAGE |
| 2 | | 2389.900 | -3.330 | 56.244 | 52.914 | -1.086 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 56.317 | 52.988 | -1.012 | 54.000 | AVERAGE |
| 4 | * | 2415.900 | -3.071 | 108.684 | 105.614 | 51.614 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 48.456 | 45.832 | -8.168 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 48.764 | 46.092 | -7.908 | 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 : 2014/11/13 - 13:22** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11g_2437MHz** |

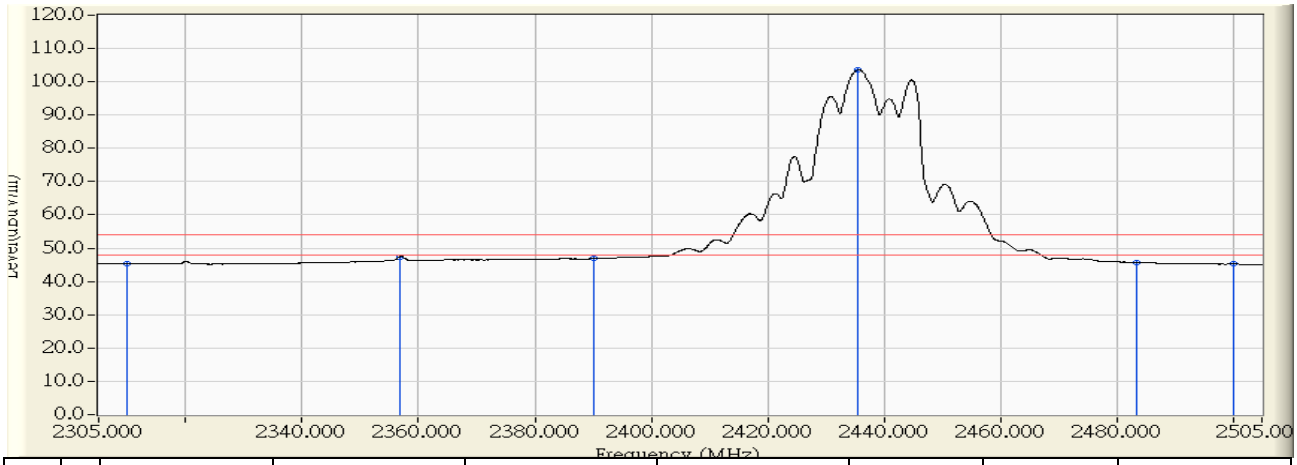



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 61.815 | 57.689 | -16.311 | 74.000 | PEAK |
| 2 | | 2357.400 | -3.654 | 64.555 | 60.901 | -13.099 | 74.000 | PEAK |
| 3 | | 2390.000 | -3.329 | 63.076 | 59.747 | -14.253 | 74.000 | PEAK |
| 4 | * | 2435.600 | -2.875 | 117.229 | 114.355 | 40.355 | 74.000 | PEAK |
| 5 | | 2483.500 | -2.623 | 60.533 | 57.909 | -16.091 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 61.297 | 58.625 | -15.375 | 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 : 2014/11/13 - 13:23** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11g_2437MHz** |

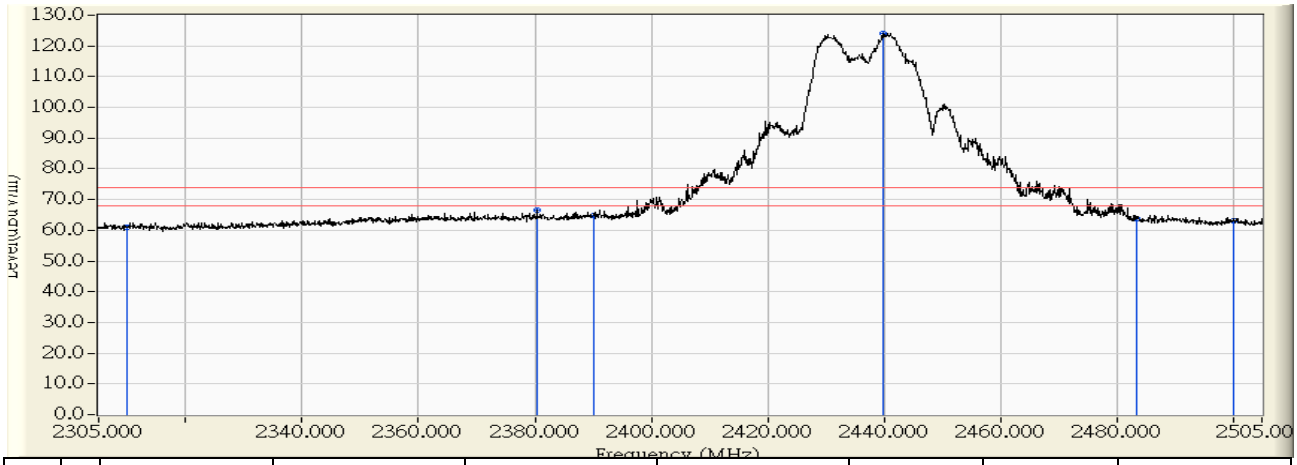



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 49.560 | 45.434 | -8.566 | 54.000 | AVERAGE |
| 2 | | 2356.700 | -3.661 | 51.042 | 47.381 | -6.619 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 50.148 | 46.819 | -7.181 | 54.000 | AVERAGE |
| 4 | * | 2435.600 | -2.875 | 106.464 | 103.590 | 49.590 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 48.355 | 45.731 | -8.269 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 48.072 | 45.400 | -8.600 | 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 : 2014/11/13 - 13:17** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11g_2437MHz** |

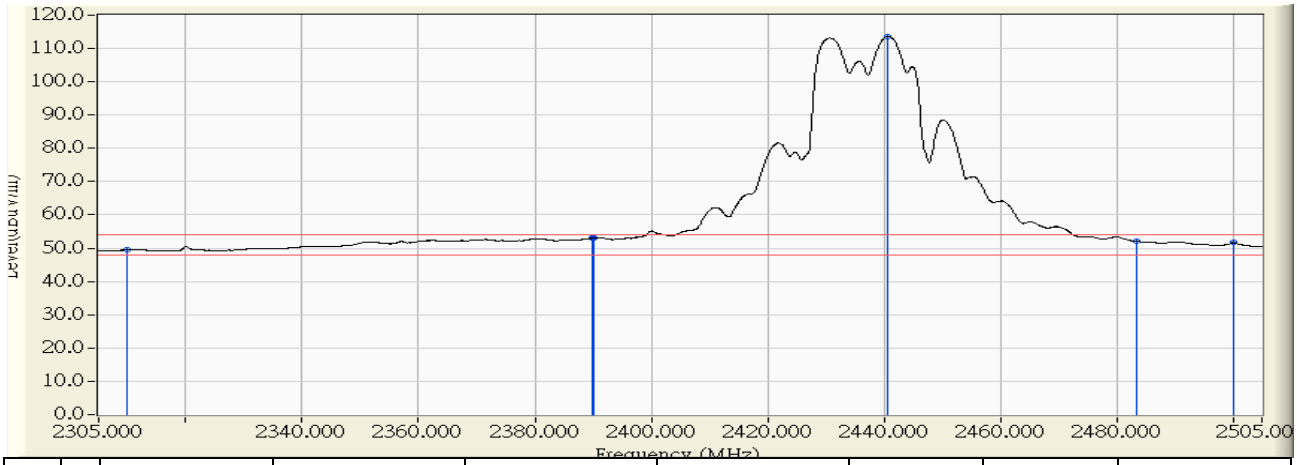



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 65.162 | 61.036 | -12.964 | 74.000 | PEAK |
| 2 | | 2380.400 | -3.425 | 70.141 | 66.717 | -7.283 | 74.000 | PEAK |
| 3 | | 2390.000 | -3.329 | 68.225 | 64.896 | -9.104 | 74.000 | PEAK |
| 4 | * | 2439.800 | -2.833 | 127.023 | 124.191 | 50.191 | 74.000 | PEAK |
| 5 | | 2483.500 | -2.623 | 66.408 | 63.784 | -10.216 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 65.918 | 63.246 | -10.754 | 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 : 2014/11/13 - 13:15** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11g_2437MHz** |

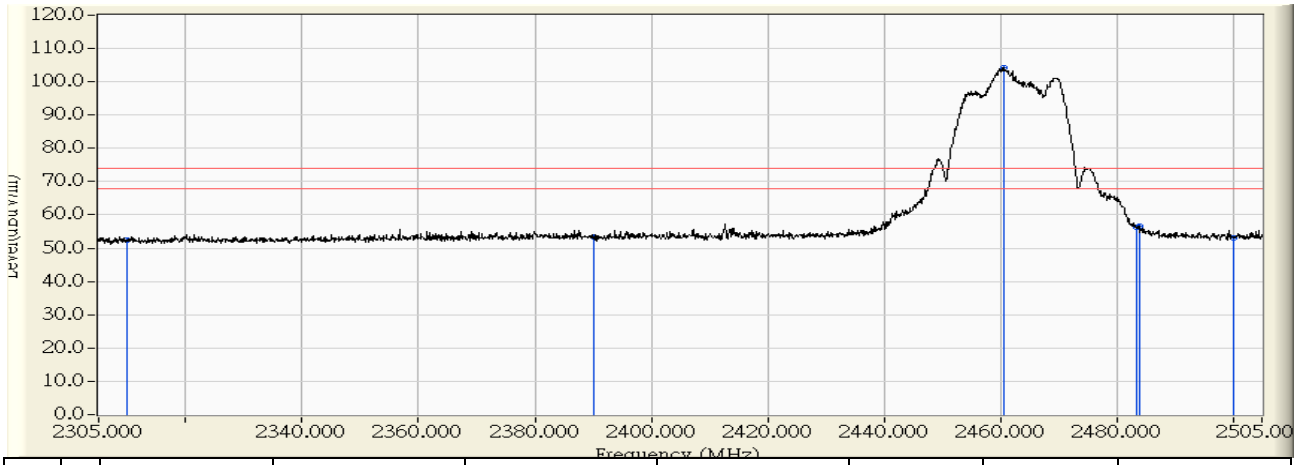



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 53.608 | 49.482 | -4.518 | 54.000 | AVERAGE |
| 2 | | 2389.800 | -3.331 | 56.358 | 53.027 | -0.973 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 56.358 | 53.029 | -0.971 | 54.000 | AVERAGE |
| 4 | * | 2440.700 | -2.824 | 116.466 | 113.643 | 59.643 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 54.625 | 52.001 | -1.999 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 54.357 | 51.685 | -2.315 | 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 : 2014/11/13 - 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 : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11g_2462MHz** |

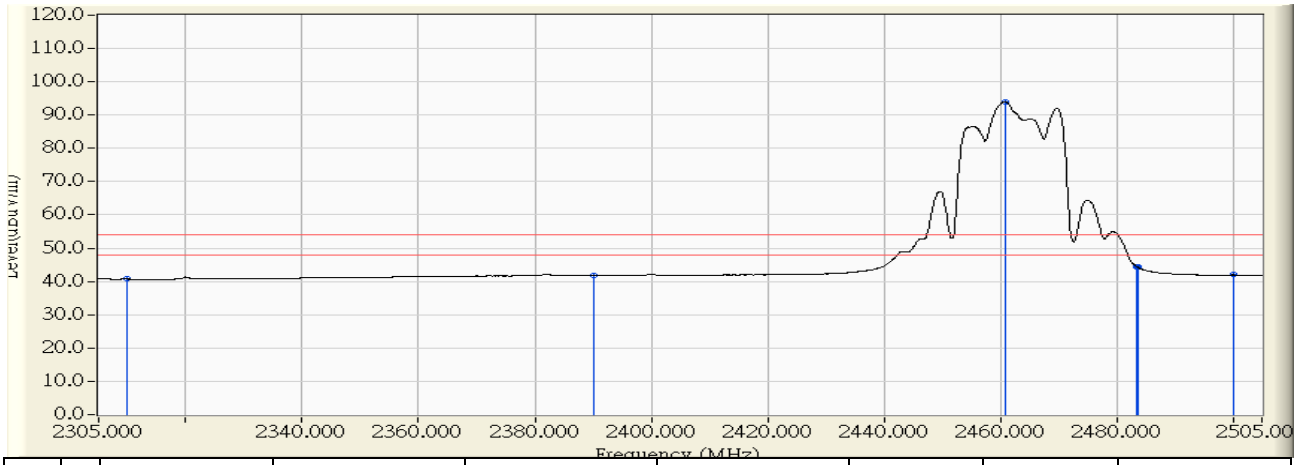



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 56.431 | 52.305 | -21.695 | 74.000 | PEAK |
| 2 | | 2390.000 | -3.329 | 56.756 | 53.427 | -20.573 | 74.000 | PEAK |
| 3 | * | 2460.600 | -2.625 | 106.854 | 104.229 | 30.229 | 74.000 | PEAK |
| 4 | | 2483.500 | -2.623 | 58.928 | 56.304 | -17.696 | 74.000 | PEAK |
| 5 | | 2484.100 | -2.627 | 59.236 | 56.610 | -17.390 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 55.876 | 53.204 | -20.796 | 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 : 2014/11/13 - 13:38** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11g_2462MHz** |

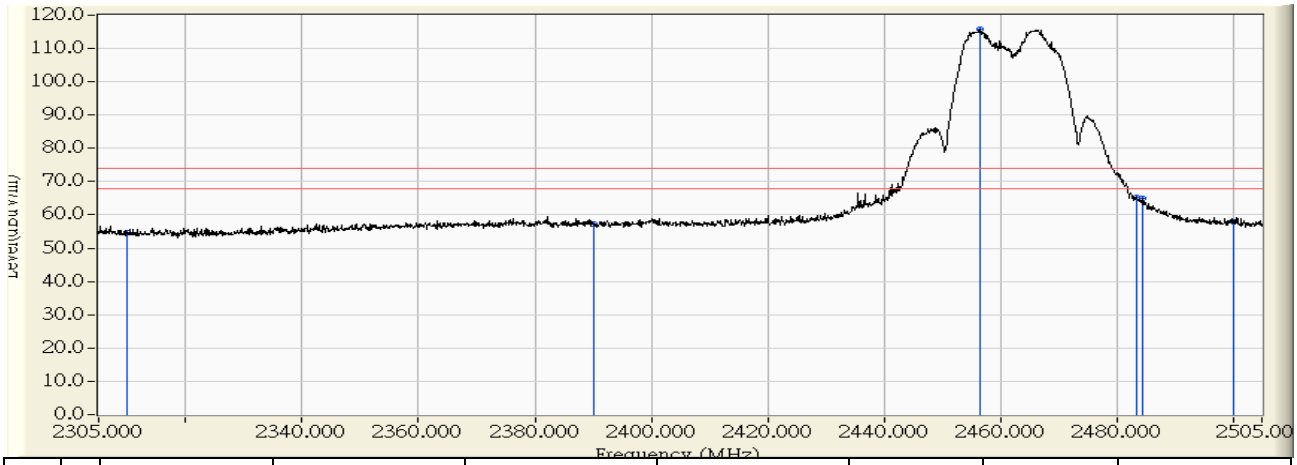



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 44.849 | 40.723 | -13.277 | 54.000 | AVERAGE |
| 2 | | 2390.000 | -3.329 | 45.163 | 41.834 | -12.166 | 54.000 | AVERAGE |
| 3 | * | 2460.800 | -2.623 | 96.569 | 93.946 | 39.946 | 54.000 | AVERAGE |
| 4 | | 2483.500 | -2.623 | 47.050 | 44.426 | -9.574 | 54.000 | AVERAGE |
| 5 | | 2483.600 | -2.625 | 46.911 | 44.287 | -9.713 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 44.684 | 42.012 | -11.988 | 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 : 2014/11/13 - 13:33** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11g_2462MHz** |

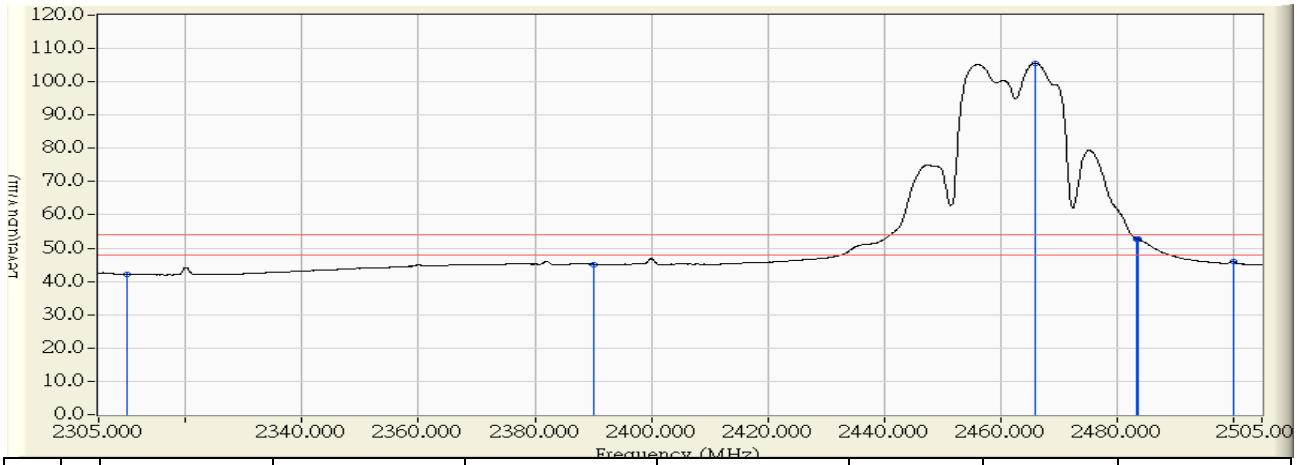



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 58.747 | 54.621 | -19.379 | 74.000 | PEAK |
| 2 | | 2390.000 | -3.329 | 60.664 | 57.335 | -16.665 | 74.000 | PEAK |
| 3 | * | 2456.500 | -2.665 | 118.455 | 115.789 | 41.789 | 74.000 | PEAK |
| 4 | | 2483.500 | -2.623 | 67.784 | 65.160 | -8.840 | 74.000 | PEAK |
| 5 | | 2484.400 | -2.627 | 67.556 | 64.929 | -9.071 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 60.625 | 57.953 | -16.047 | 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 : 2014/11/13 - 13:31** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11g_2462MHz** |

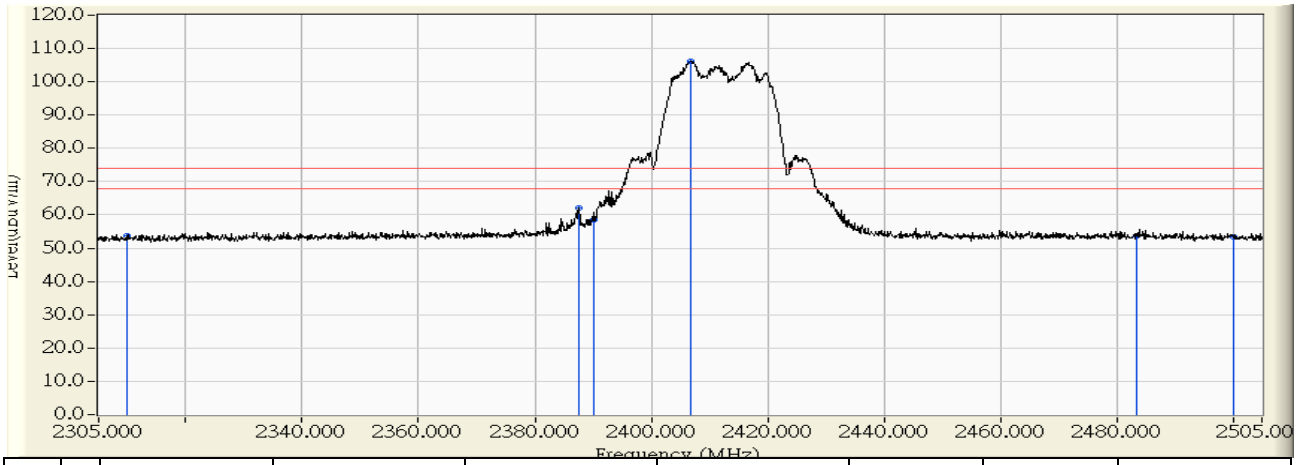



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 46.193 | 42.067 | -11.933 | 54.000 | AVERAGE |
| 2 | | 2390.000 | -3.329 | 48.517 | 45.188 | -8.812 | 54.000 | AVERAGE |
| 3 | * | 2465.900 | -2.610 | 108.265 | 105.654 | 51.654 | 54.000 | AVERAGE |
| 4 | | 2483.500 | -2.623 | 55.490 | 52.866 | -1.134 | 54.000 | AVERAGE |
| 5 | | 2483.600 | -2.625 | 55.380 | 52.756 | -1.244 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 48.592 | 45.920 | -8.080 | 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 : 2014/11/13 - 13:51** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_2412MHz** |

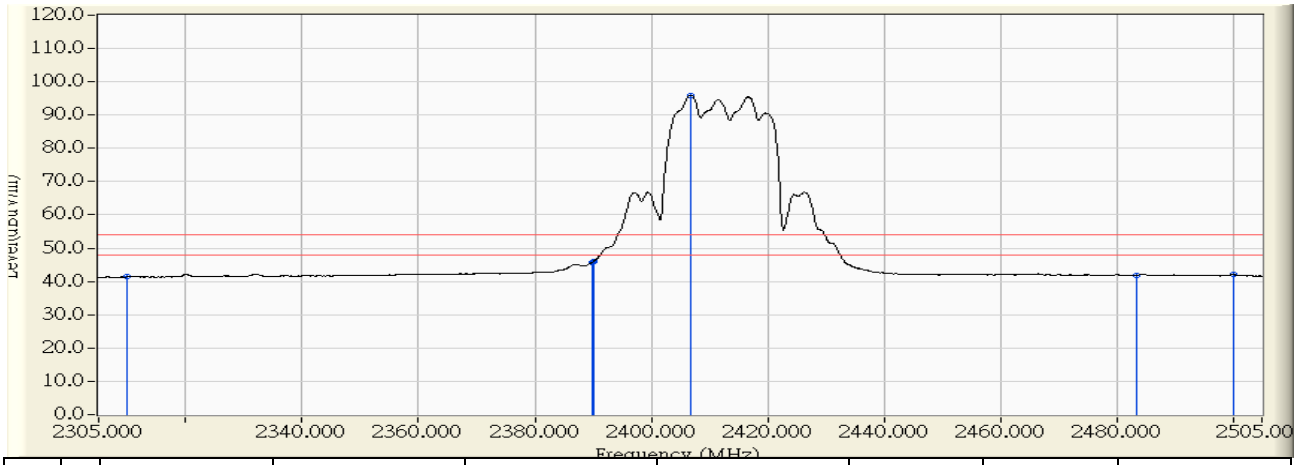



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 57.765 | 53.639 | -20.361 | 74.000 | PEAK |
| 2 | | 2387.600 | -3.353 | 65.491 | 62.138 | -11.862 | 74.000 | PEAK |
| 3 | | 2390.000 | -3.329 | 61.813 | 58.484 | -15.516 | 74.000 | PEAK |
| 4 | * | 2406.900 | -3.160 | 109.417 | 106.257 | 32.257 | 74.000 | PEAK |
| 5 | | 2483.500 | -2.623 | 56.266 | 53.642 | -20.358 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 55.963 | 53.291 | -20.709 | 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 : 2014/11/13 - 13:52** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_2412MHz** |

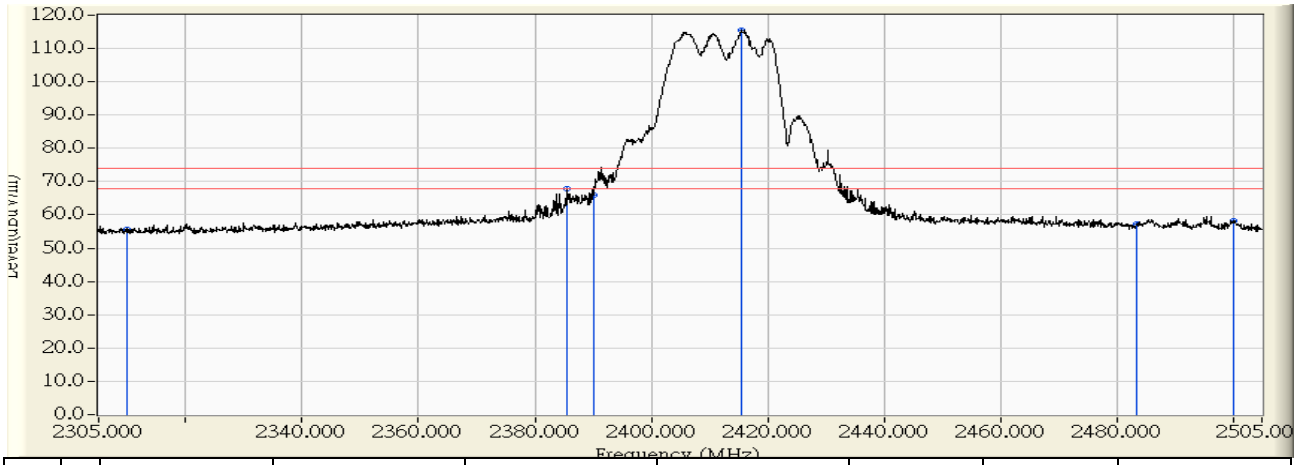



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 45.477 | 41.351 | -12.649 | 54.000 | AVERAGE |
| 2 | | 2389.900 | -3.330 | 49.135 | 45.805 | -8.195 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 49.318 | 45.989 | -8.011 | 54.000 | AVERAGE |
| 4 | * | 2406.800 | -3.161 | 99.138 | 95.977 | 41.977 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 44.540 | 41.916 | -12.084 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 44.748 | 42.076 | -11.924 | 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 : 2014/11/13 - 13:46** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_2412MHz** |

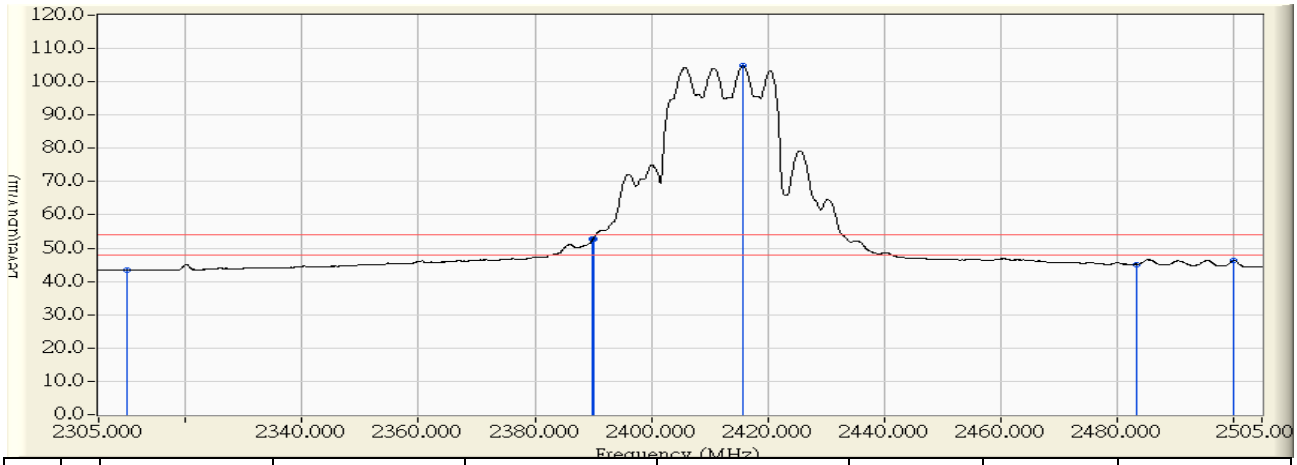



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 59.721 | 55.595 | -18.405 | 74.000 | PEAK |
| 2 | | 2385.600 | -3.373 | 71.394 | 68.021 | -5.979 | 74.000 | PEAK |
| 3 | | 2390.000 | -3.329 | 69.440 | 66.111 | -7.889 | 74.000 | PEAK |
| 4 | * | 2415.500 | -3.075 | 118.615 | 115.541 | 41.541 | 74.000 | PEAK |
| 5 | | 2483.500 | -2.623 | 59.997 | 57.373 | -16.627 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 60.790 | 58.118 | -15.882 | 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 : 2014/11/13 - 13:45** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_2412MHz** |

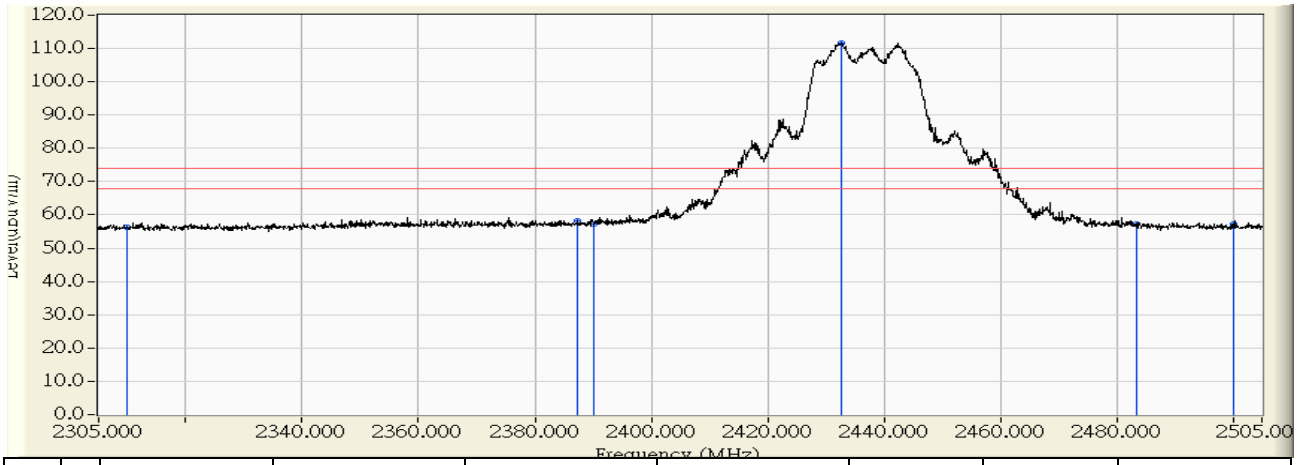



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 47.680 | 43.554 | -10.446 | 54.000 | AVERAGE |
| 2 | | 2389.900 | -3.330 | 56.007 | 52.677 | -1.323 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 56.154 | 52.825 | -1.175 | 54.000 | AVERAGE |
| 4 | * | 2415.800 | -3.072 | 107.914 | 104.843 | 50.843 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 47.783 | 45.159 | -8.841 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 48.863 | 46.191 | -7.809 | 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 : 2014/11/13 - 14:03** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_2437MHz** |

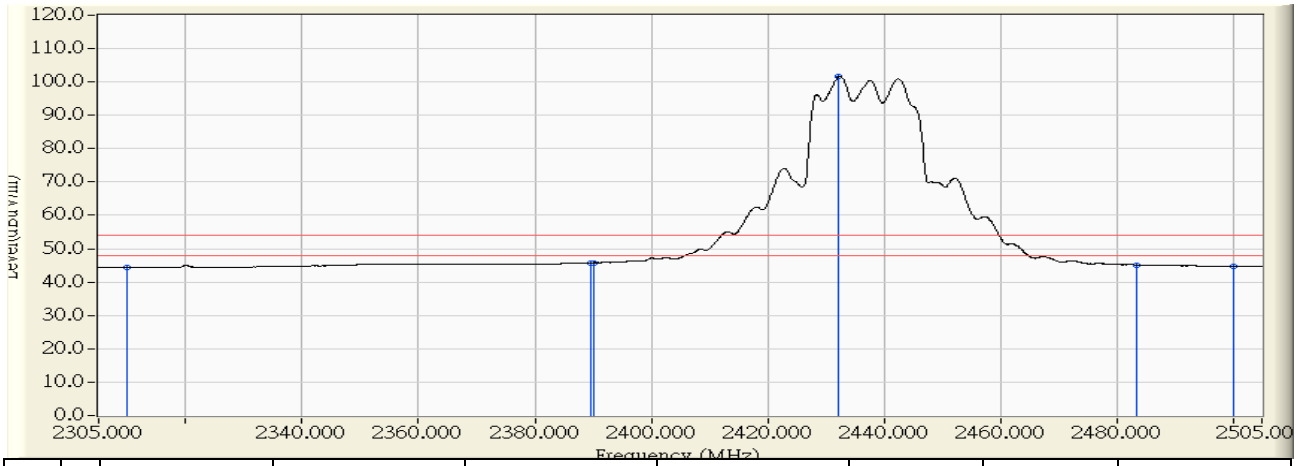



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 60.385 | 56.259 | -17.741 | 74.000 | PEAK |
| 2 | | 2387.200 | -3.356 | 61.612 | 58.255 | -15.745 | 74.000 | PEAK |
| 3 | | 2390.000 | -3.329 | 60.575 | 57.246 | -16.754 | 74.000 | PEAK |
| 4 | * | 2432.600 | -2.904 | 114.565 | 111.661 | 37.661 | 74.000 | PEAK |
| 5 | | 2483.500 | -2.623 | 59.765 | 57.141 | -16.859 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 59.897 | 57.225 | -16.775 | 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.

| | |
|---|---|
| **Engineer :** | |
| **Site : CB1** | **Time : 2014/11/13 - 14:04** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_2437MHz** |

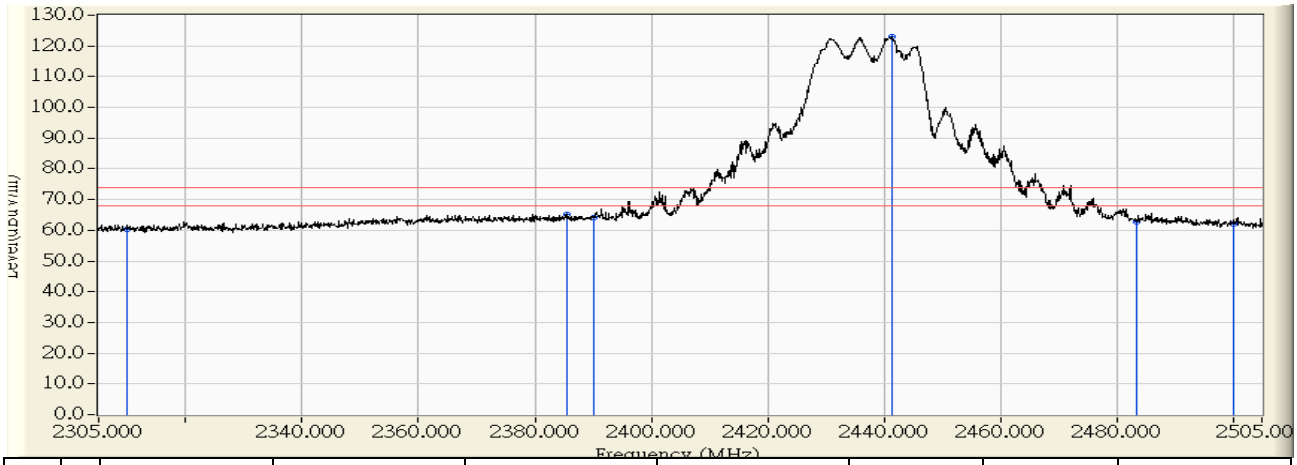



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 48.590 | 44.464 | -9.536 | 54.000 | AVERAGE |
| 2 | | 2389.600 | -3.332 | 49.088 | 45.755 | -8.245 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 49.121 | 45.792 | -8.208 | 54.000 | AVERAGE |
| 4 | * | 2432.300 | -2.907 | 104.482 | 101.575 | 47.575 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 47.756 | 45.132 | -8.868 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 47.435 | 44.763 | -9.237 | 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 : 2014/11/13 - 13:59** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_2437MHz** |

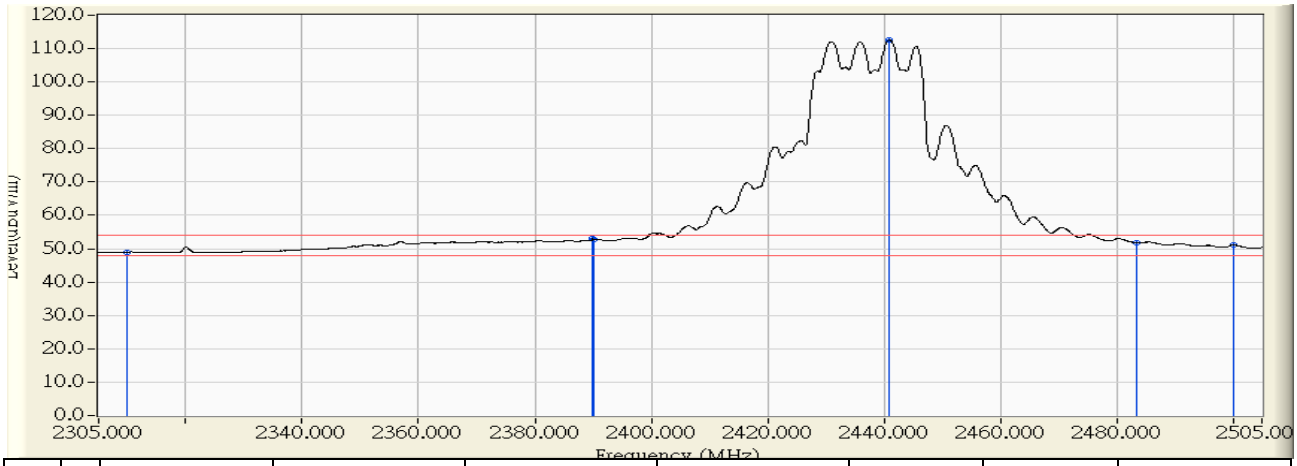



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 64.327 | 60.201 | -13.799 | 74.000 | PEAK |
| 2 | | 2385.400 | -3.375 | 68.425 | 65.050 | -8.950 | 74.000 | PEAK |
| 3 | | 2390.000 | -3.329 | 67.354 | 64.025 | -9.975 | 74.000 | PEAK |
| 4 | * | 2441.300 | -2.817 | 125.857 | 123.040 | 49.040 | 74.000 | PEAK |
| 5 | | 2483.500 | -2.623 | 65.261 | 62.637 | -11.363 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 64.797 | 62.125 | -11.875 | 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.

| | |
|---|---|
| **Engineer :** | |
| **Site : CB1** | **Time : 2014/11/13 - 13:57** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_2437MHz** |

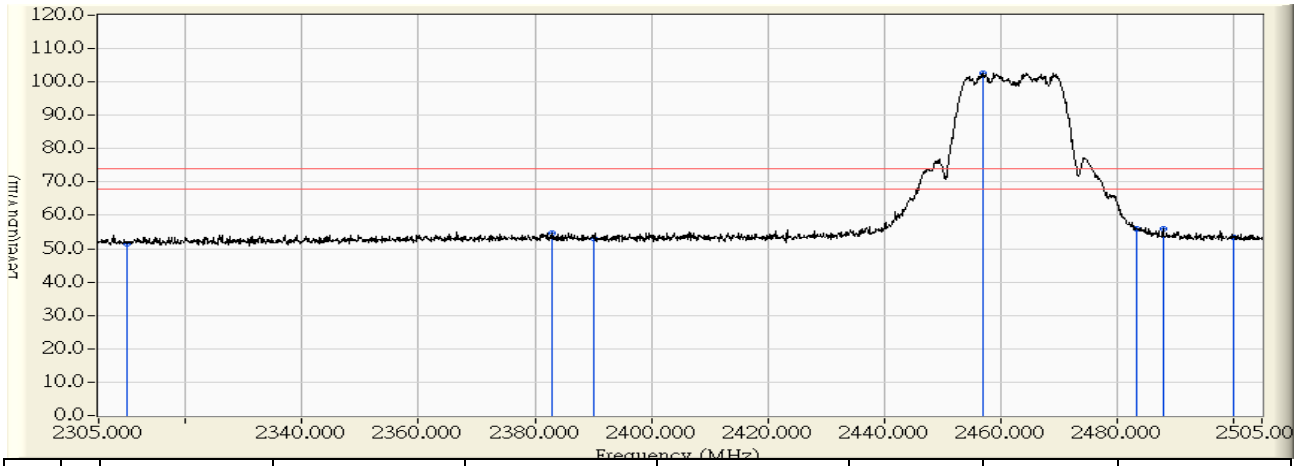



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 53.064 | 48.938 | -5.062 | 54.000 | AVERAGE |
| 2 | | 2389.900 | -3.330 | 56.281 | 52.951 | -1.049 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 55.995 | 52.666 | -1.334 | 54.000 | AVERAGE |
| 4 | * | 2440.900 | -2.821 | 115.389 | 112.568 | 58.568 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 54.425 | 51.801 | -2.199 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 53.873 | 51.201 | -2.799 | 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.

| | |
|---|---|
| **Engineer :** | |
| **Site : CB1** | **Time : 2014/11/13 - 14:18** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_2462MHz** |

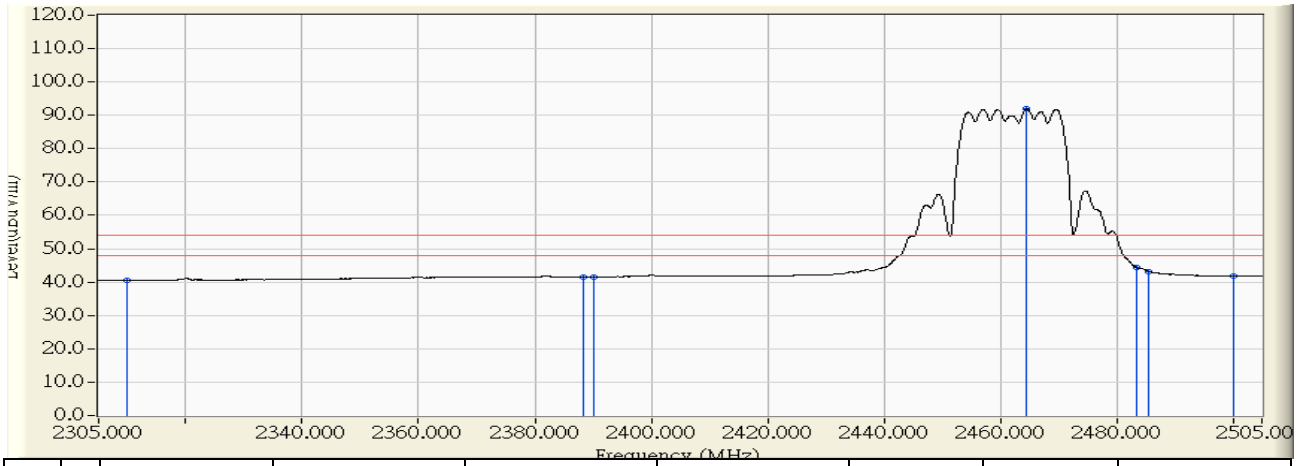



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 55.516 | 51.390 | -22.610 | 74.000 | PEAK |
| 2 | | 2382.900 | -3.400 | 58.062 | 54.663 | -19.337 | 74.000 | PEAK |
| 3 | | 2390.000 | -3.329 | 56.340 | 53.011 | -20.989 | 74.000 | PEAK |
| 4 | * | 2457.000 | -2.660 | 105.366 | 102.705 | 28.705 | 74.000 | PEAK |
| 5 | | 2483.500 | -2.623 | 58.763 | 56.139 | -17.861 | 74.000 | PEAK |
| 6 | | 2488.000 | -2.637 | 58.522 | 55.885 | -18.115 | 74.000 | PEAK |
| 7 | | 2500.000 | -2.673 | 56.195 | 53.523 | -20.477 | 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.

| | |
|---|---|
| **Engineer :** | |
| **Site : CB1** | **Time : 2014/11/13 - 14:19** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_2462MHz** |

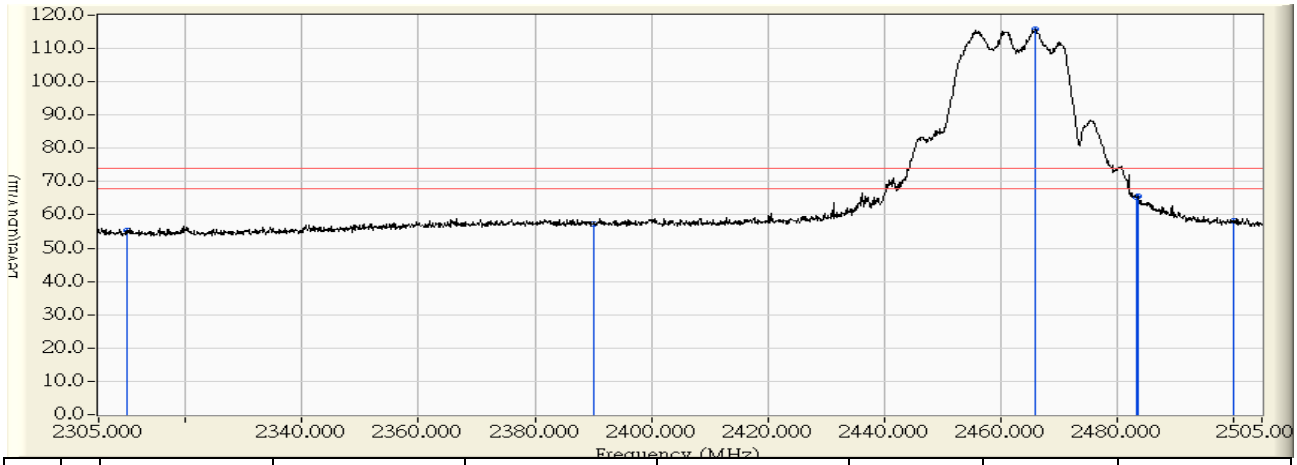



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 44.736 | 40.610 | -13.390 | 54.000 | AVERAGE |
| 2 | | 2388.300 | -3.346 | 44.975 | 41.629 | -12.371 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 44.913 | 41.584 | -12.416 | 54.000 | AVERAGE |
| 4 | * | 2464.600 | -2.611 | 94.535 | 91.924 | 37.924 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 46.886 | 44.262 | -9.738 | 54.000 | AVERAGE |
| 6 | | 2485.400 | -2.630 | 45.897 | 43.267 | -10.733 | 54.000 | AVERAGE |
| 7 | | 2500.000 | -2.673 | 44.610 | 41.938 | -12.062 | 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 : 2014/11/13 - 14:12** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_2462MHz** |

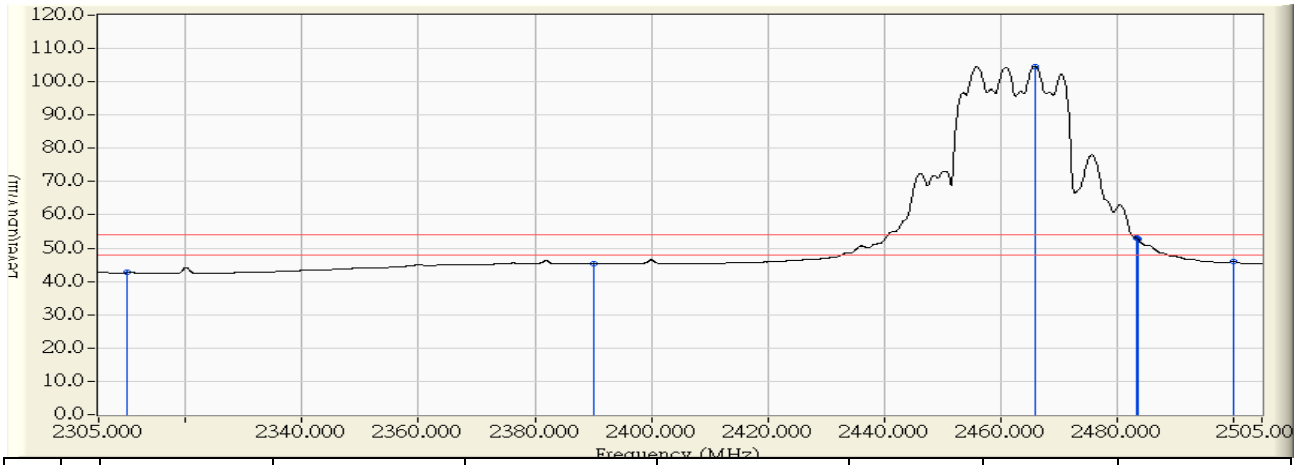



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 59.451 | 55.325 | -18.675 | 74.000 | PEAK |
| 2 | | 2390.000 | -3.329 | 60.454 | 57.125 | -16.875 | 74.000 | PEAK |
| 3 | * | 2466.100 | -2.611 | 118.392 | 115.781 | 41.781 | 74.000 | PEAK |
| 4 | | 2483.500 | -2.623 | 67.797 | 65.173 | -8.827 | 74.000 | PEAK |
| 5 | | 2483.600 | -2.625 | 68.363 | 65.739 | -8.261 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 60.791 | 58.119 | -15.881 | 74.000 | PEAK |

Note:

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

| | |
|---|---|
| **Site : CB1** | **Time : 2014/11/13 - 14:10** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_2462MHz** |

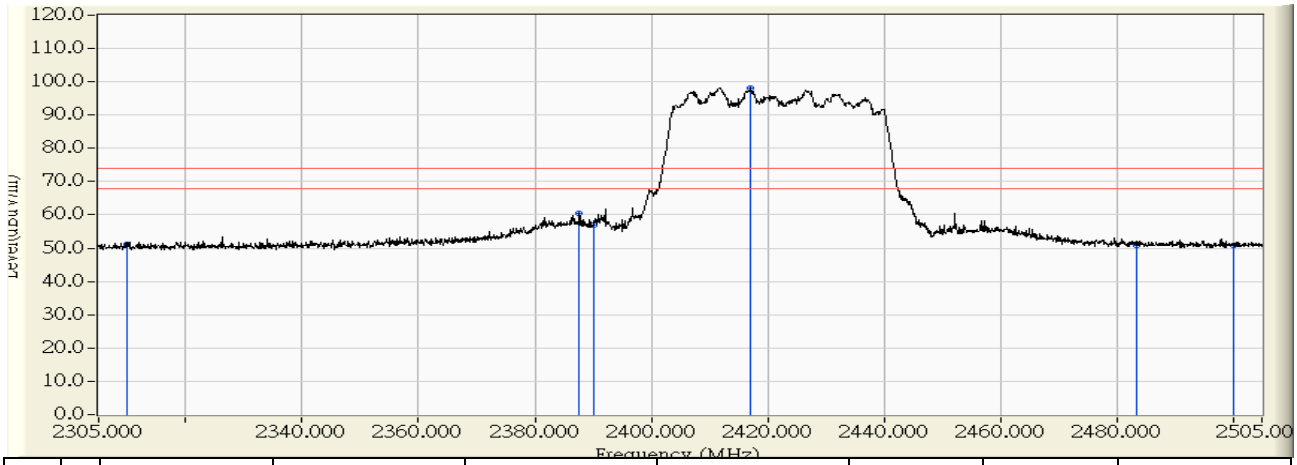



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 46.821 | 42.695 | -11.305 | 54.000 | AVERAGE |
| 2 | | 2390.000 | -3.329 | 48.731 | 45.402 | -8.598 | 54.000 | AVERAGE |
| 3 | * | 2465.900 | -2.610 | 107.300 | 104.689 | 50.689 | 54.000 | AVERAGE |
| 4 | | 2483.500 | -2.623 | 55.593 | 52.969 | -1.031 | 54.000 | AVERAGE |
| 5 | | 2483.600 | -2.625 | 55.446 | 52.822 | -1.178 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 48.819 | 46.147 | -7.853 | 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 : 2014/11/13 - 14:30** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_2422MHz** |

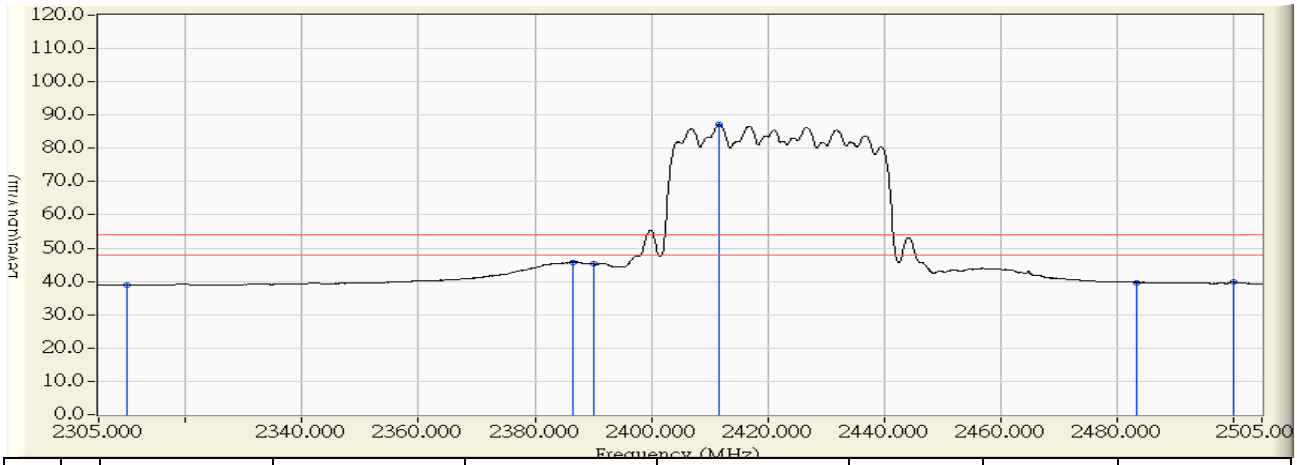



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 55.365 | 51.239 | -22.761 | 74.000 | PEAK |
| 2 | | 2387.600 | -3.353 | 63.796 | 60.443 | -13.557 | 74.000 | PEAK |
| 3 | | 2390.000 | -3.329 | 60.410 | 57.081 | -16.919 | 74.000 | PEAK |
| 4 | * | 2417.000 | -3.059 | 101.199 | 98.140 | 24.140 | 74.000 | PEAK |
| 5 | | 2483.500 | -2.623 | 53.546 | 50.922 | -23.078 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 53.490 | 50.818 | -23.182 | 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 : 2014/11/13 - 14:31** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_2422MHz** |

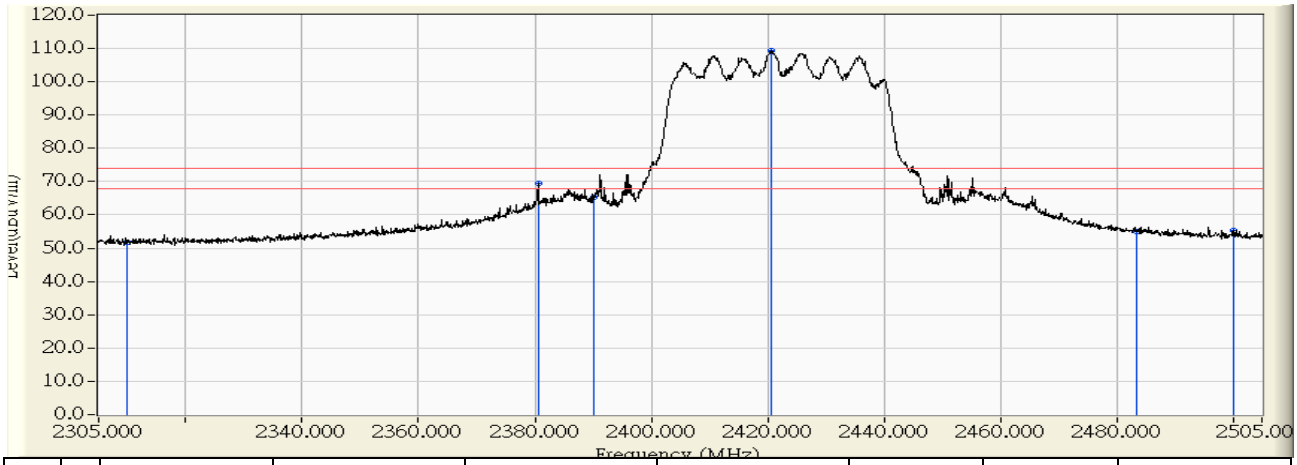



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 43.027 | 38.901 | -15.099 | 54.000 | AVERAGE |
| 2 | | 2386.500 | -3.363 | 49.151 | 45.787 | -8.213 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 48.564 | 45.235 | -8.765 | 54.000 | AVERAGE |
| 4 | * | 2411.700 | -3.112 | 90.176 | 87.064 | 33.064 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 42.339 | 39.715 | -14.285 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 42.493 | 39.821 | -14.179 | 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 : 2014/11/13 - 14:26** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_2422MHz** |

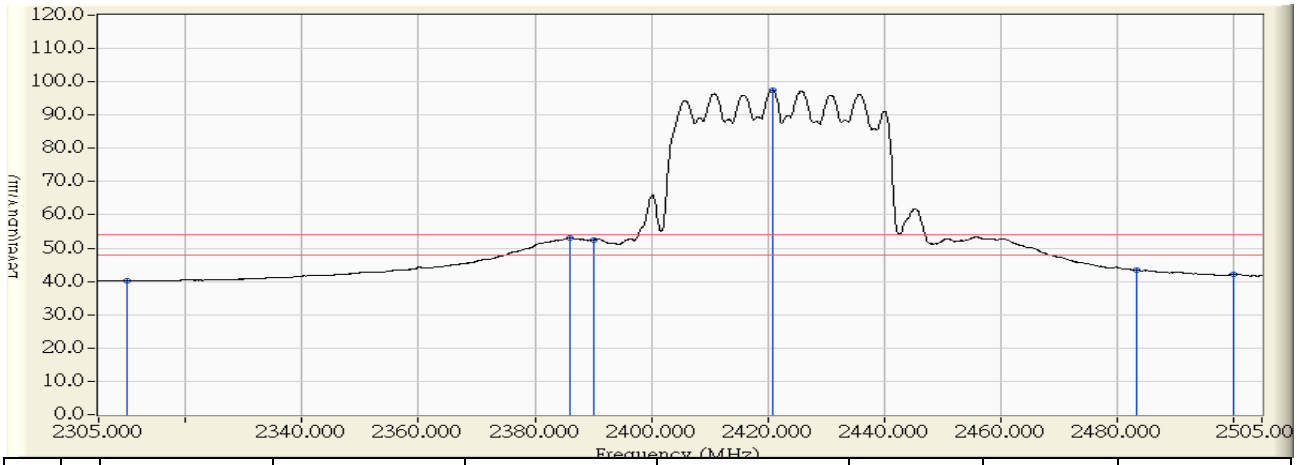



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 56.049 | 51.923 | -22.077 | 74.000 | PEAK |
| 2 | | 2380.600 | -3.423 | 72.774 | 69.352 | -4.648 | 74.000 | PEAK |
| 3 | | 2390.000 | -3.329 | 68.642 | 65.313 | -8.687 | 74.000 | PEAK |
| 4 | * | 2420.600 | -3.024 | 112.429 | 109.405 | 35.405 | 74.000 | PEAK |
| 5 | | 2483.500 | -2.623 | 57.675 | 55.051 | -18.949 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 58.082 | 55.410 | -18.590 | 74.000 | PEAK |

Note:

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

| | |
|---|---|
| **Site : CB1** | **Time : 2014/11/13 - 14:25** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_2422MHz** |

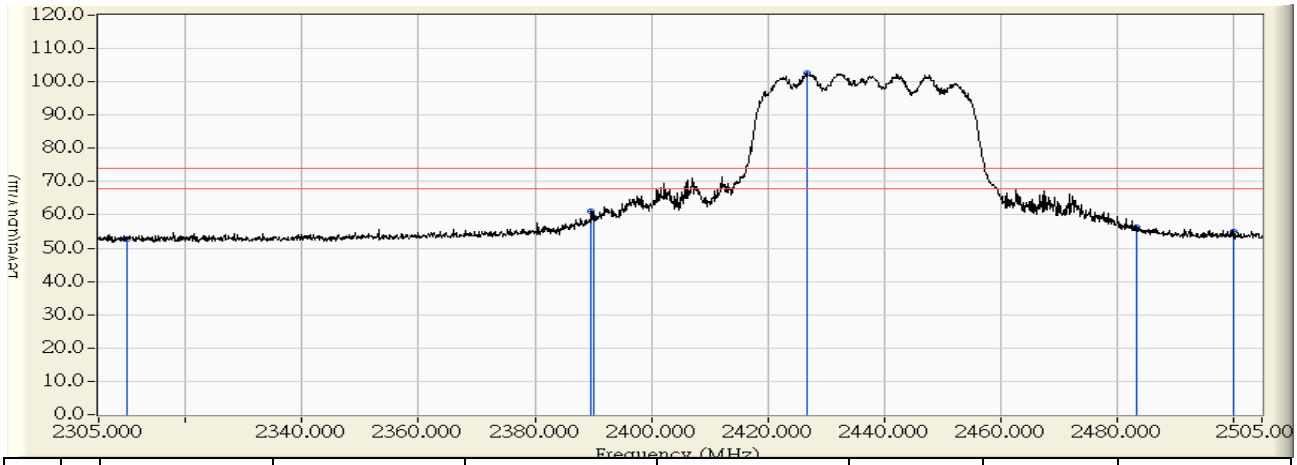



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 44.367 | 40.241 | -13.759 | 54.000 | AVERAGE |
| 2 | | 2386.000 | -3.369 | 56.482 | 53.113 | -0.887 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 55.719 | 52.390 | -1.610 | 54.000 | AVERAGE |
| 4 | * | 2420.900 | -3.021 | 100.563 | 97.542 | 43.542 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 46.020 | 43.396 | -10.604 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 44.933 | 42.261 | -11.739 | 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 : 2014/11/13 - 14:42** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_2437MHz** |

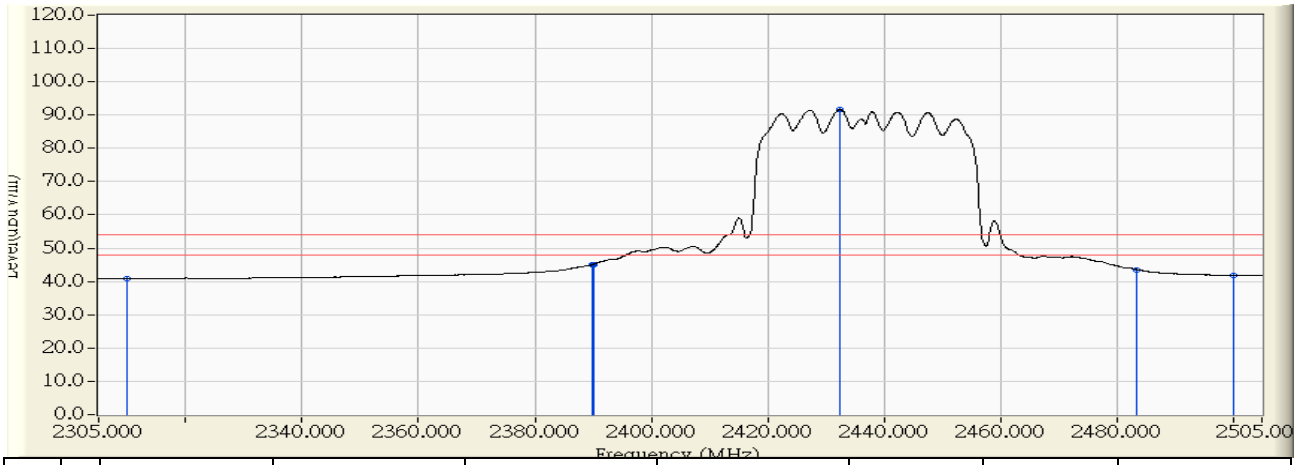



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 56.960 | 52.834 | -21.166 | 74.000 | PEAK |
| 2 | | 2389.700 | -3.331 | 64.368 | 61.036 | -12.964 | 74.000 | PEAK |
| 3 | | 2390.000 | -3.329 | 62.436 | 59.107 | -14.893 | 74.000 | PEAK |
| 4 | * | 2426.900 | -2.961 | 105.555 | 102.594 | 28.594 | 74.000 | PEAK |
| 5 | | 2483.500 | -2.623 | 58.994 | 56.370 | -17.630 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 57.705 | 55.033 | -18.967 | 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 : 2014/11/13 - 14:43** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_2437MHz** |

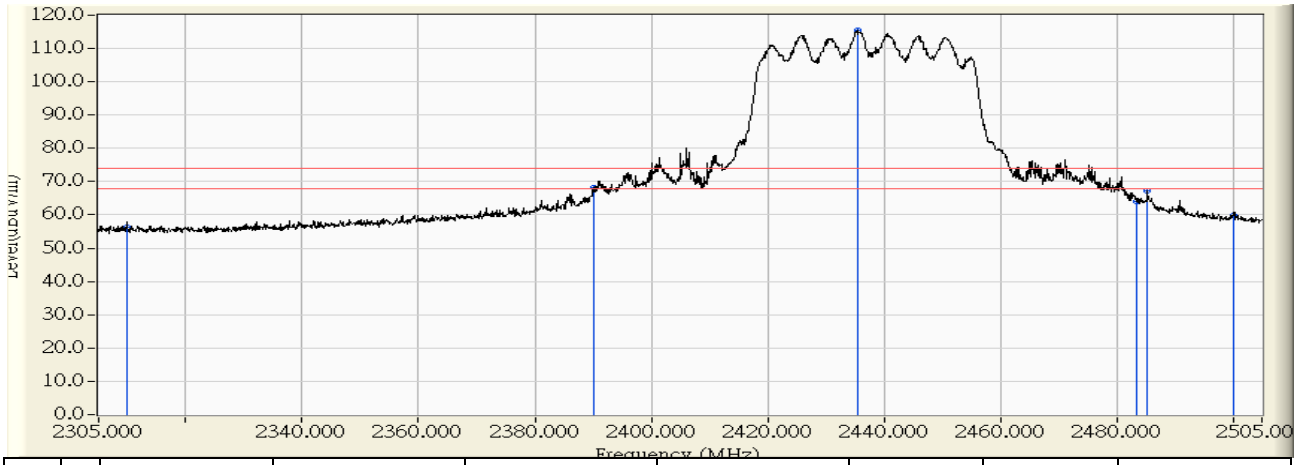



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 45.005 | 40.879 | -13.121 | 54.000 | AVERAGE |
| 2 | | 2389.800 | -3.331 | 48.331 | 45.000 | -9.000 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 48.442 | 45.113 | -8.887 | 54.000 | AVERAGE |
| 4 | * | 2432.400 | -2.906 | 94.616 | 91.710 | 37.710 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 46.199 | 43.575 | -10.425 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 44.589 | 41.917 | -12.083 | 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 : 2014/11/13 - 14:37** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_2437MHz** |

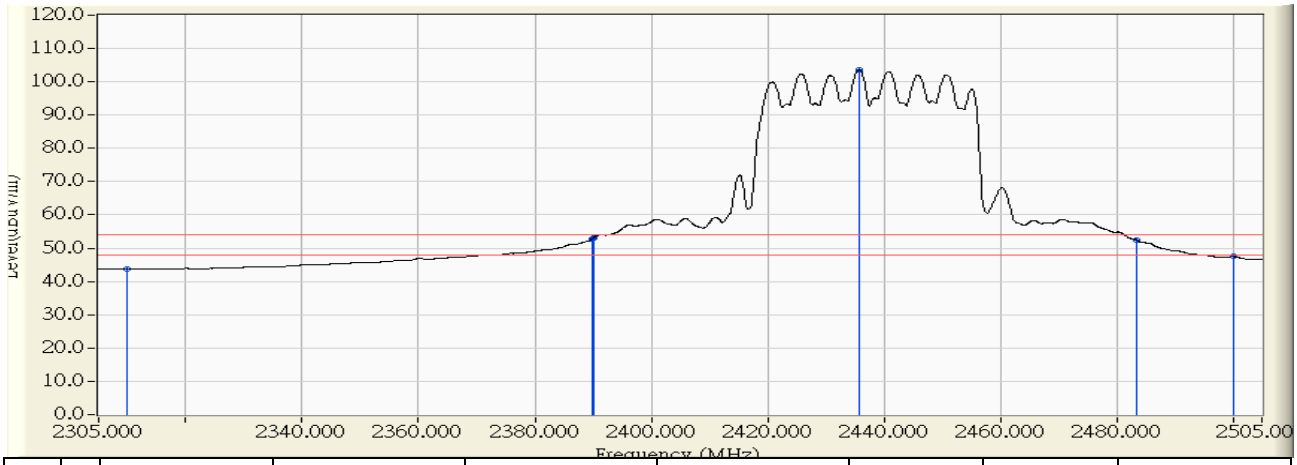



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 60.331 | 56.205 | -17.795 | 74.000 | PEAK |
| 2 | | 2390.000 | -3.329 | 71.641 | 68.312 | -5.688 | 74.000 | PEAK |
| 3 | * | 2435.600 | -2.875 | 118.219 | 115.345 | 41.345 | 74.000 | PEAK |
| 4 | | 2483.500 | -2.623 | 66.727 | 64.103 | -9.897 | 74.000 | PEAK |
| 5 | | 2485.300 | -2.630 | 69.764 | 67.135 | -6.865 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 62.575 | 59.903 | -14.097 | 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 : 2014/11/13 - 14:35** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_2437MHz** |

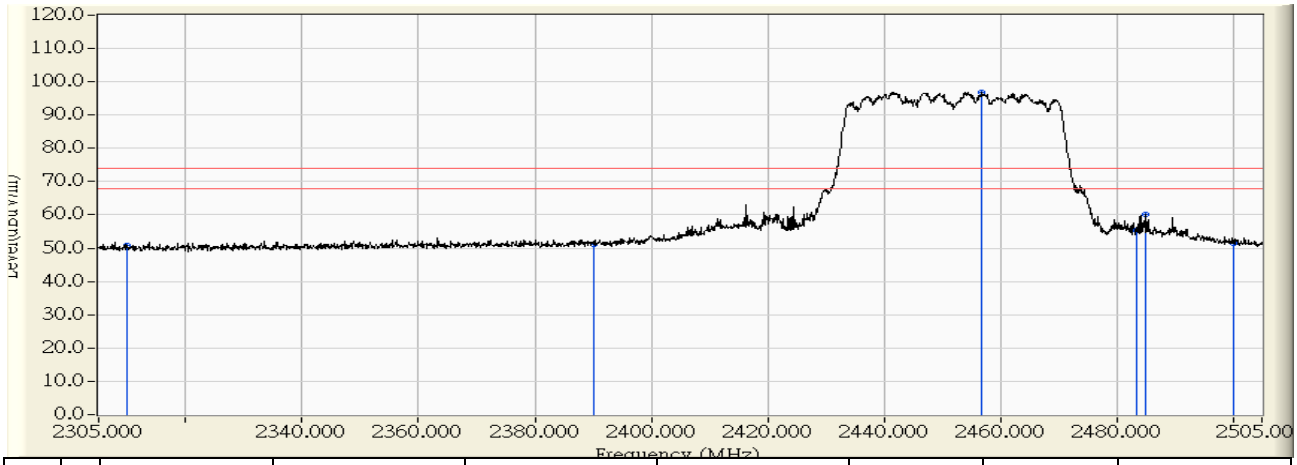



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 48.032 | 43.906 | -10.094 | 54.000 | AVERAGE |
| 2 | | 2389.900 | -3.330 | 56.213 | 52.883 | -1.117 | 54.000 | AVERAGE |
| 3 | | 2390.000 | -3.329 | 56.362 | 53.033 | -0.967 | 54.000 | AVERAGE |
| 4 | * | 2435.700 | -2.873 | 106.381 | 103.508 | 49.508 | 54.000 | AVERAGE |
| 5 | | 2483.500 | -2.623 | 54.940 | 52.316 | -1.684 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 50.160 | 47.488 | -6.512 | 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 : 2014/11/13 - 14:56** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_2452MHz** |

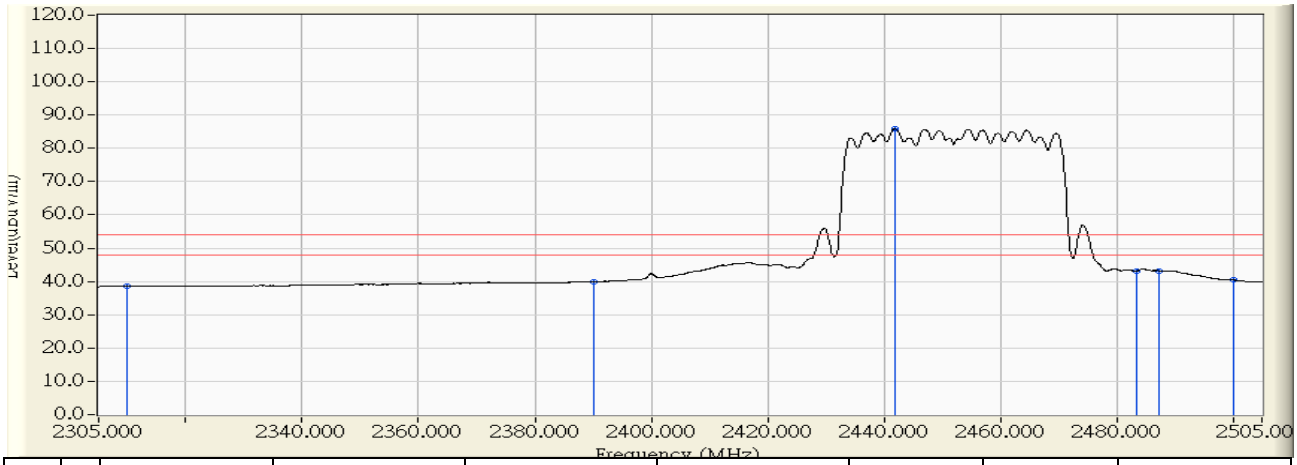



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 55.054 | 50.928 | -23.072 | 74.000 | PEAK |
| 2 | | 2390.000 | -3.329 | 54.374 | 51.045 | -22.955 | 74.000 | PEAK |
| 3 | * | 2456.900 | -2.662 | 99.612 | 96.950 | 22.950 | 74.000 | PEAK |
| 4 | | 2483.500 | -2.623 | 57.814 | 55.190 | -18.810 | 74.000 | PEAK |
| 5 | | 2484.900 | -2.628 | 62.690 | 60.062 | -13.938 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 54.142 | 51.470 | -22.530 | 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 : 2014/11/13 - 14:58** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_2452MHz** |

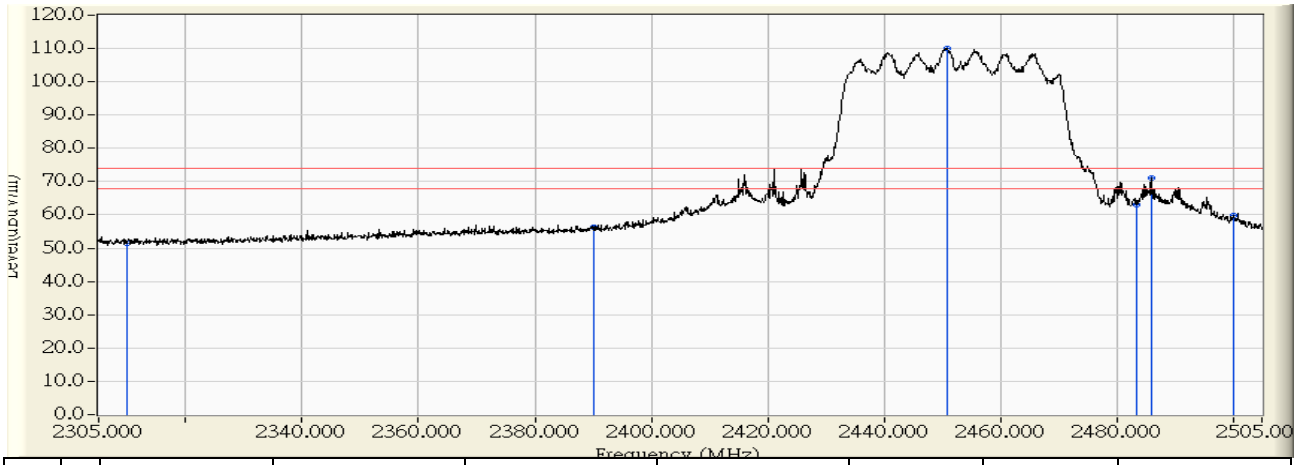



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 42.655 | 38.529 | -15.471 | 54.000 | AVERAGE |
| 2 | | 2390.000 | -3.329 | 43.281 | 39.952 | -14.048 | 54.000 | AVERAGE |
| 3 | * | 2441.900 | -2.811 | 88.662 | 85.851 | 31.851 | 54.000 | AVERAGE |
| 4 | | 2483.500 | -2.623 | 45.821 | 43.197 | -10.803 | 54.000 | AVERAGE |
| 5 | | 2487.200 | -2.635 | 45.898 | 43.263 | -10.737 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 43.199 | 40.527 | -13.473 | 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 : 2014/11/13 - 14:52** |
| **Limit : FCC_SpartC_15.247_H_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_2452MHz** |

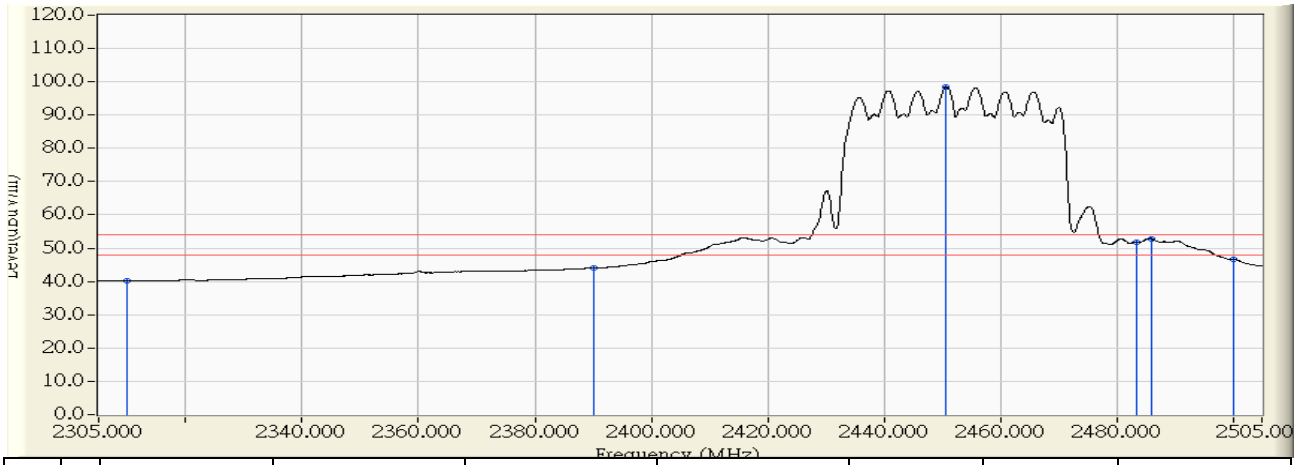



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 55.729 | 51.603 | -22.397 | 74.000 | PEAK |
| 2 | | 2390.000 | -3.329 | 59.751 | 56.422 | -17.578 | 74.000 | PEAK |
| 3 | * | 2451.000 | -2.720 | 112.834 | 110.114 | 36.114 | 74.000 | PEAK |
| 4 | | 2483.500 | -2.623 | 65.605 | 62.981 | -11.019 | 74.000 | PEAK |
| 5 | | 2485.900 | -2.631 | 73.577 | 70.946 | -3.054 | 74.000 | PEAK |
| 6 | | 2500.000 | -2.673 | 62.369 | 59.697 | -14.303 | 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 : 2014/11/13 - 14:50** |
| **Limit : FCC_SpartC_15.247_H_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_2452MHz** |

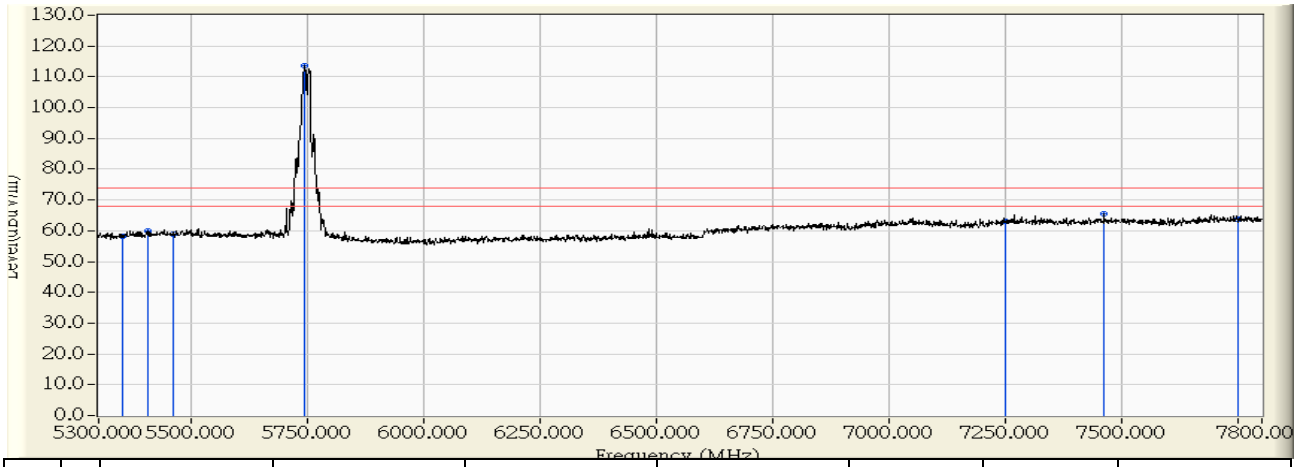



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | -4.127 | 44.428 | 40.302 | -13.698 | 54.000 | AVERAGE |
| 2 | | 2390.000 | -3.329 | 47.410 | 44.081 | -9.919 | 54.000 | AVERAGE |
| 3 | * | 2450.700 | -2.724 | 101.287 | 98.564 | 44.564 | 54.000 | AVERAGE |
| 4 | | 2483.500 | -2.623 | 54.421 | 51.797 | -2.203 | 54.000 | AVERAGE |
| 5 | | 2485.900 | -2.631 | 55.548 | 52.917 | -1.083 | 54.000 | AVERAGE |
| 6 | | 2500.000 | -2.673 | 49.414 | 46.742 | -7.258 | 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 : 2014/12/19 - 11:55** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11a_5745MHz** |

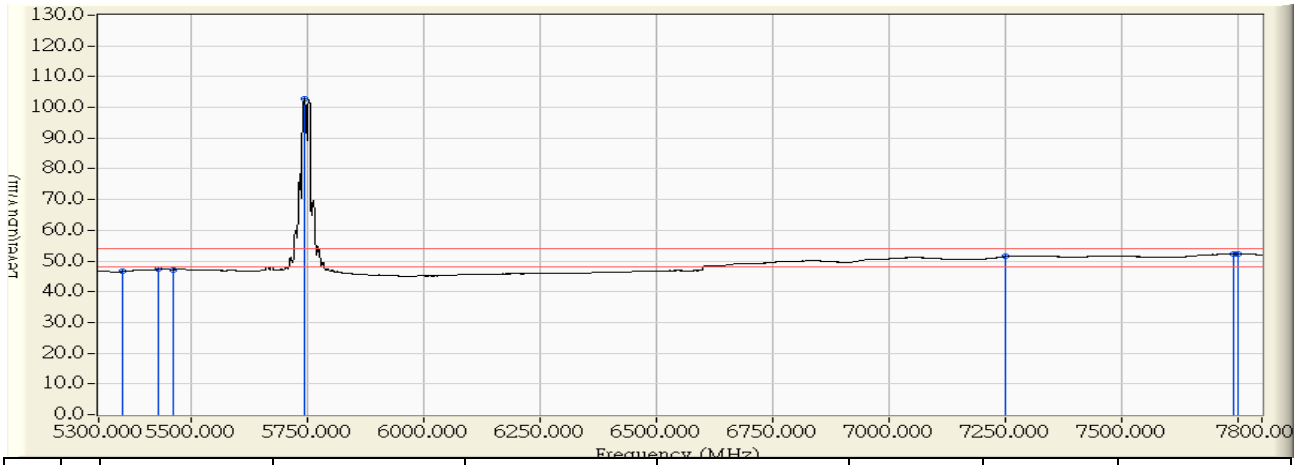



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 55.552 | 58.342 | -15.658 | 74.000 | PEAK |
| 2 | | 5405.000 | 3.217 | 56.695 | 59.911 | -14.089 | 74.000 | PEAK |
| 3 | | 5460.000 | 3.622 | 55.164 | 58.786 | -15.214 | 74.000 | PEAK |
| 4 | * | 5743.750 | 2.617 | 111.076 | 113.693 | 39.693 | 74.000 | PEAK |
| 5 | | 7250.000 | 5.549 | 57.649 | 63.198 | -10.802 | 74.000 | PEAK |
| 6 | | 7460.000 | 6.003 | 59.481 | 65.484 | -8.516 | 74.000 | PEAK |
| 7 | | 7750.000 | 6.505 | 57.307 | 63.812 | -10.188 | 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 : 2014/12/19 - 11:58** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11a_5745MHz** |

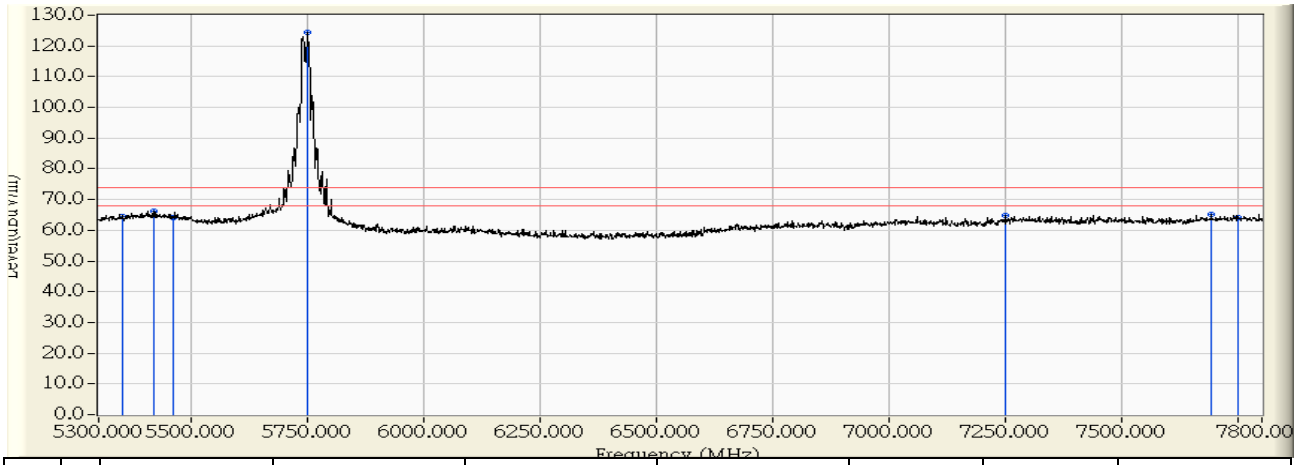



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 43.763 | 46.553 | -7.447 | 54.000 | AVERAGE |
| 2 | | 5427.500 | 3.391 | 43.886 | 47.277 | -6.723 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 43.576 | 47.198 | -6.802 | 54.000 | AVERAGE |
| 4 | * | 5742.500 | 2.622 | 100.366 | 102.988 | 48.988 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.902 | 51.451 | -2.549 | 54.000 | AVERAGE |
| 6 | | 7740.000 | 6.488 | 45.788 | 52.276 | -1.724 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.786 | 52.291 | -1.709 | 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 : 2014/12/19 - 11:47** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11a_5745MHz** |

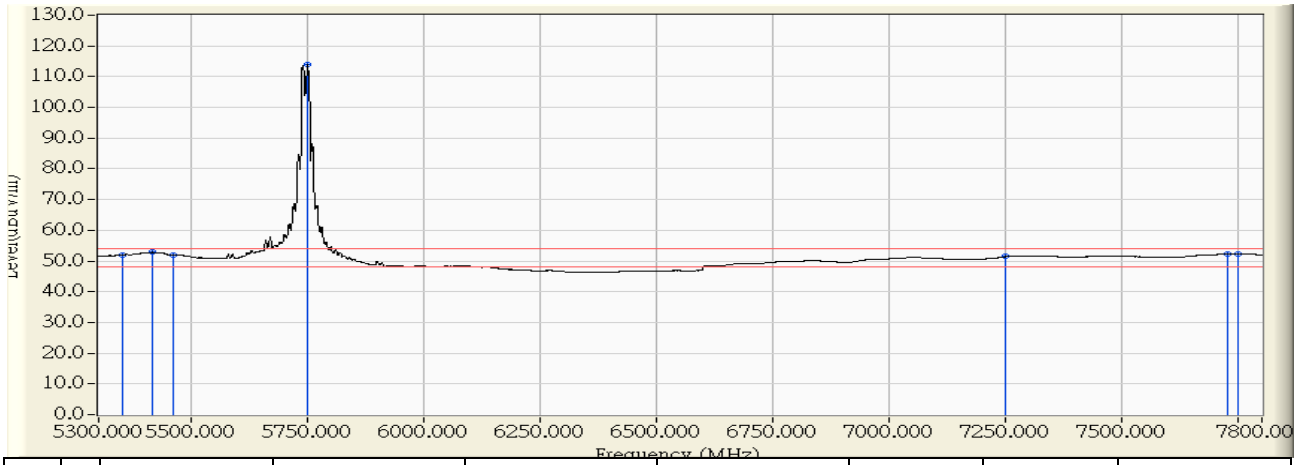



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 61.789 | 64.579 | -9.421 | 74.000 | PEAK |
| 2 | | 5418.750 | 3.322 | 62.742 | 66.065 | -7.935 | 74.000 | PEAK |
| 3 | | 5460.000 | 3.622 | 60.368 | 63.990 | -10.010 | 74.000 | PEAK |
| 4 | * | 5748.750 | 2.598 | 121.727 | 124.325 | 50.325 | 74.000 | PEAK |
| 5 | | 7250.000 | 5.549 | 59.130 | 64.679 | -9.321 | 74.000 | PEAK |
| 6 | | 7691.250 | 6.404 | 58.713 | 65.117 | -8.883 | 74.000 | PEAK |
| 7 | | 7750.000 | 6.505 | 57.706 | 64.211 | -9.789 | 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 : 2014/12/19 - 11:33** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11a_5745MHz** |

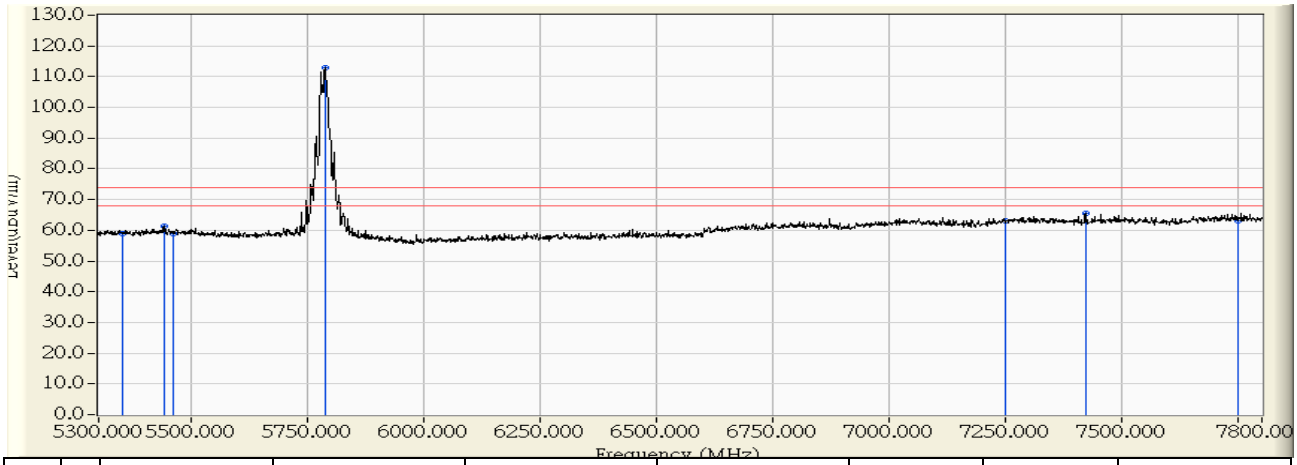



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 49.168 | 51.958 | -2.042 | 54.000 | AVERAGE |
| 2 | | 5416.250 | 3.304 | 49.507 | 52.811 | -1.189 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 48.403 | 52.025 | -1.975 | 54.000 | AVERAGE |
| 4 | * | 5748.750 | 2.598 | 111.270 | 113.868 | 59.868 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.903 | 51.452 | -2.548 | 54.000 | AVERAGE |
| 6 | | 7725.000 | 6.462 | 45.749 | 52.211 | -1.789 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.787 | 52.292 | -1.708 | 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 : 2014/12/19 - 13:44** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11a_5785MHz** |

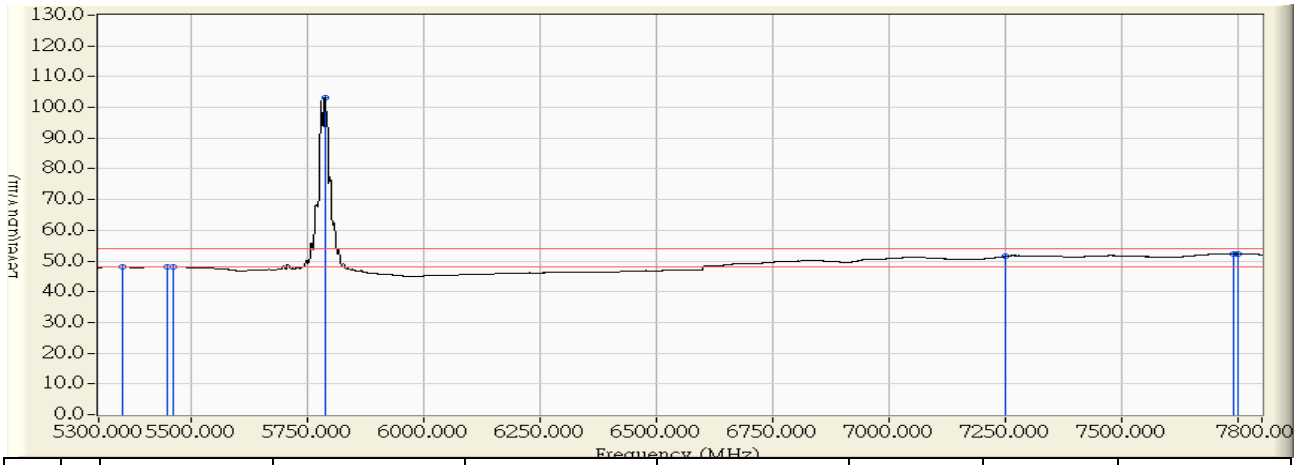



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 56.247 | 59.037 | -14.963 | 74.000 | PEAK |
| 2 | | 5442.500 | 3.507 | 57.892 | 61.399 | -12.601 | 74.000 | PEAK |
| 3 | | 5460.000 | 3.622 | 55.266 | 58.888 | -15.112 | 74.000 | PEAK |
| 4 | * | 5786.250 | 2.454 | 110.464 | 112.918 | 38.918 | 74.000 | PEAK |
| 5 | | 7250.000 | 5.549 | 57.500 | 63.049 | -10.951 | 74.000 | PEAK |
| 6 | | 7421.250 | 5.919 | 59.501 | 65.421 | -8.579 | 74.000 | PEAK |
| 7 | | 7750.000 | 6.505 | 56.606 | 63.111 | -10.889 | 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 : 2014/12/19 - 14:10** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11a_5785MHz** |

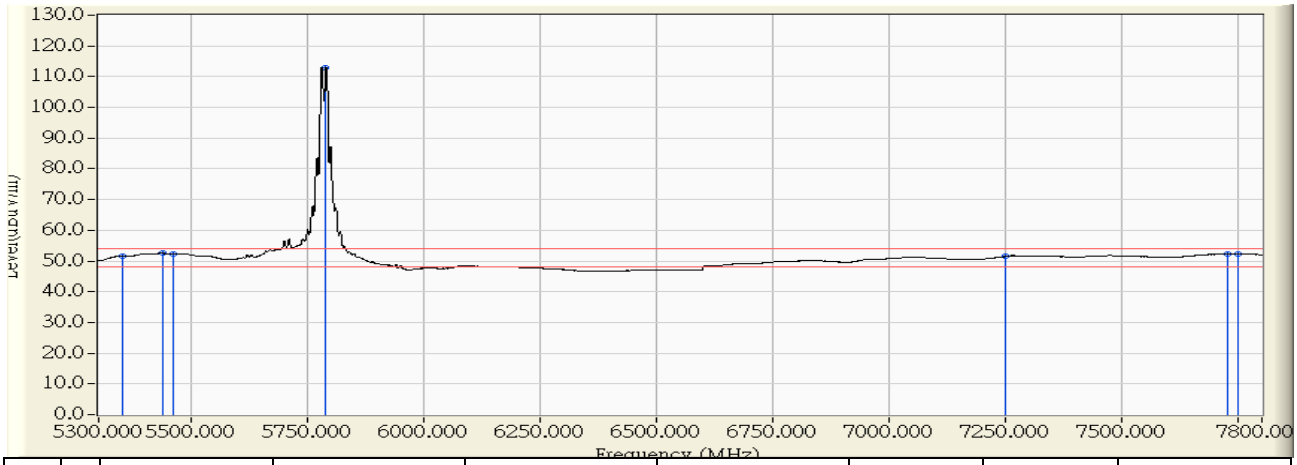



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 45.231 | 48.021 | -5.979 | 54.000 | AVERAGE |
| 2 | | 5446.250 | 3.537 | 44.597 | 48.133 | -5.867 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 44.478 | 48.100 | -5.900 | 54.000 | AVERAGE |
| 4 | * | 5786.250 | 2.454 | 100.877 | 103.331 | 49.331 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.948 | 51.497 | -2.503 | 54.000 | AVERAGE |
| 6 | | 7737.500 | 6.484 | 45.818 | 52.301 | -1.699 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.845 | 52.350 | -1.650 | 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 : 2014/12/19 - 13:37** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11a_5785MHz** |

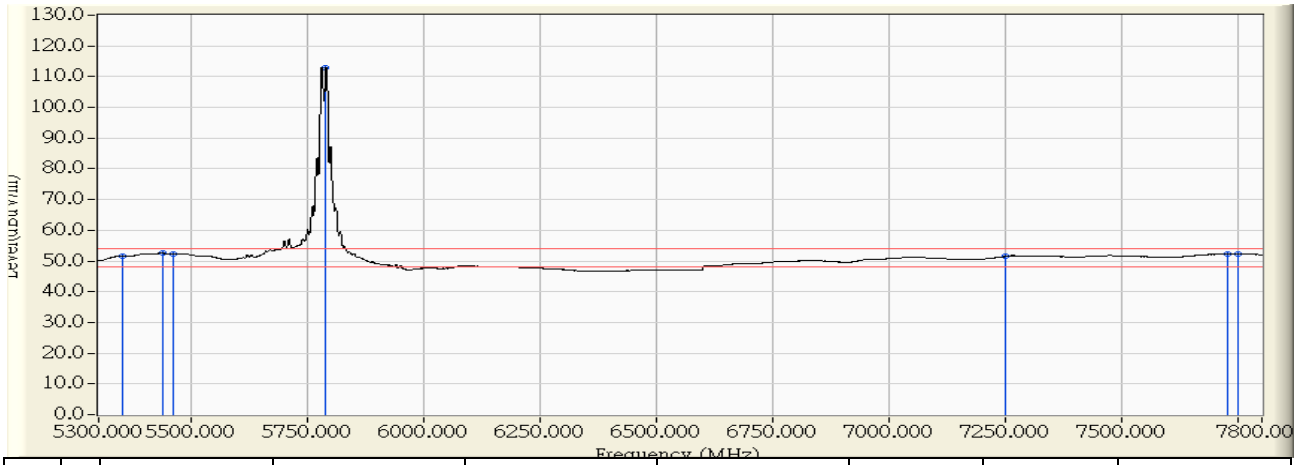



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 48.736 | 51.526 | -2.474 | 54.000 | AVERAGE |
| 2 | | 5437.500 | 3.469 | 49.203 | 52.671 | -1.329 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 48.775 | 52.397 | -1.603 | 54.000 | AVERAGE |
| 4 | * | 5788.750 | 2.444 | 110.646 | 113.090 | 59.090 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.940 | 51.489 | -2.511 | 54.000 | AVERAGE |
| 6 | | 7726.250 | 6.464 | 45.818 | 52.282 | -1.718 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.795 | 52.300 | -1.700 | 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 : 2014/12/19 - 13:37** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11a_5785MHz** |

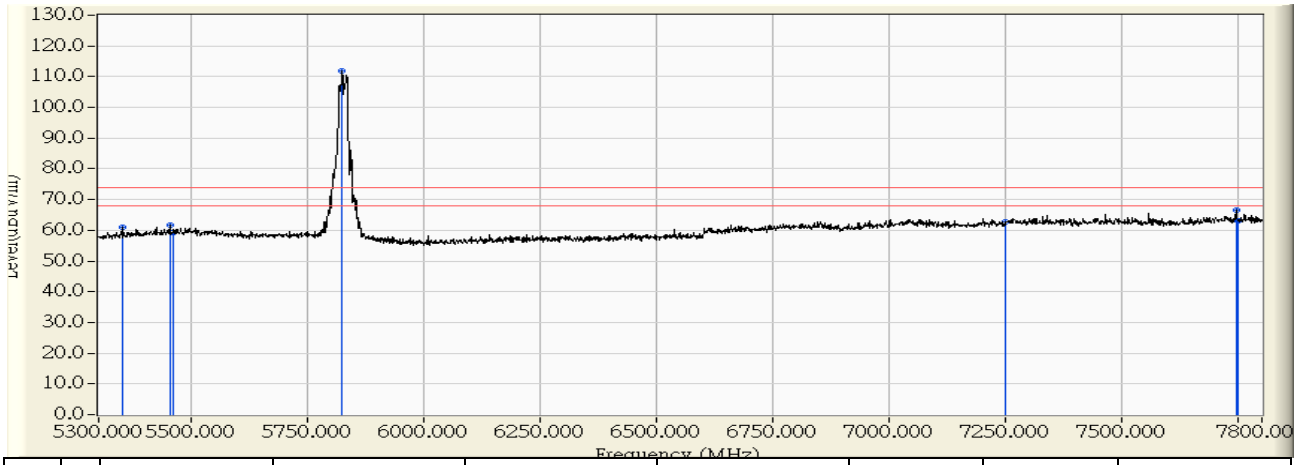



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 48.736 | 51.526 | -2.474 | 54.000 | AVERAGE |
| 2 | | 5437.500 | 3.469 | 49.203 | 52.671 | -1.329 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 48.775 | 52.397 | -1.603 | 54.000 | AVERAGE |
| 4 | * | 5788.750 | 2.444 | 110.646 | 113.090 | 59.090 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.940 | 51.489 | -2.511 | 54.000 | AVERAGE |
| 6 | | 7726.250 | 6.464 | 45.818 | 52.282 | -1.718 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.795 | 52.300 | -1.700 | 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 : 2014/12/19 - 14:45** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11a_5825MHz** |

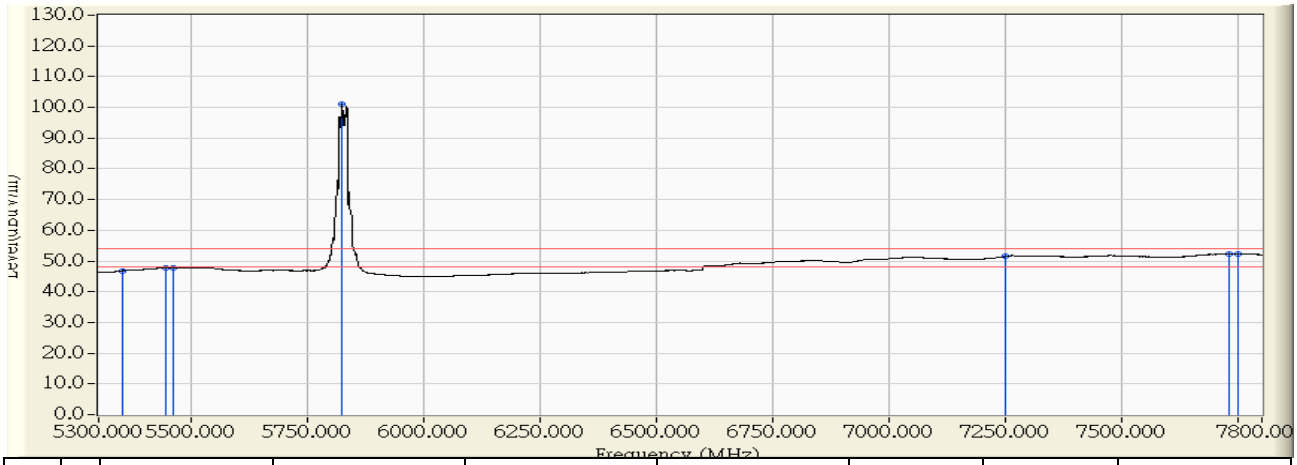



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 58.040 | 60.830 | -13.170 | 74.000 | PEAK |
| 2 | | 5453.750 | 3.594 | 58.048 | 61.642 | -12.358 | 74.000 | PEAK |
| 3 | | 5460.000 | 3.622 | 55.616 | 59.238 | -14.762 | 74.000 | PEAK |
| 4 | * | 5823.750 | 2.309 | 109.453 | 111.762 | 37.762 | 74.000 | PEAK |
| 5 | | 7250.000 | 5.549 | 57.187 | 62.736 | -11.264 | 74.000 | PEAK |
| 6 | | 7745.000 | 6.497 | 60.015 | 66.511 | -7.489 | 74.000 | PEAK |
| 7 | | 7750.000 | 6.505 | 56.557 | 63.062 | -10.938 | 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 : 2014/12/19 - 14:47** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11a_5825MHz** |

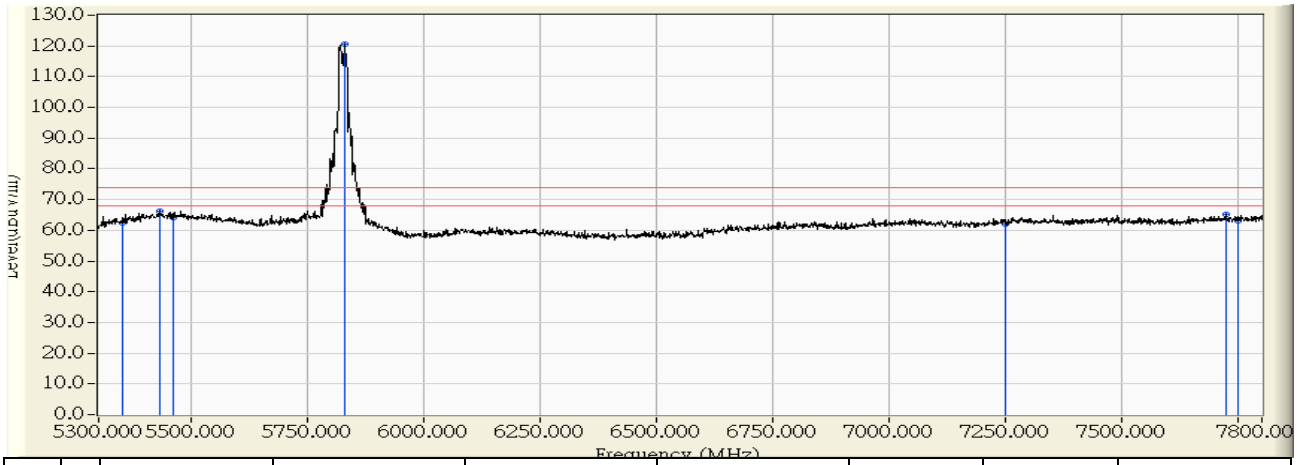



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 44.082 | 46.872 | -7.128 | 54.000 | AVERAGE |
| 2 | | 5443.750 | 3.516 | 44.141 | 47.658 | -6.342 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 44.160 | 47.782 | -6.218 | 54.000 | AVERAGE |
| 4 | * | 5822.500 | 2.314 | 98.592 | 100.906 | 46.906 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.929 | 51.478 | -2.522 | 54.000 | AVERAGE |
| 6 | | 7728.750 | 6.468 | 45.814 | 52.282 | -1.718 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.846 | 52.351 | -1.649 | 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 : 2014/12/19 - 14:42** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11a_5825MHz** |

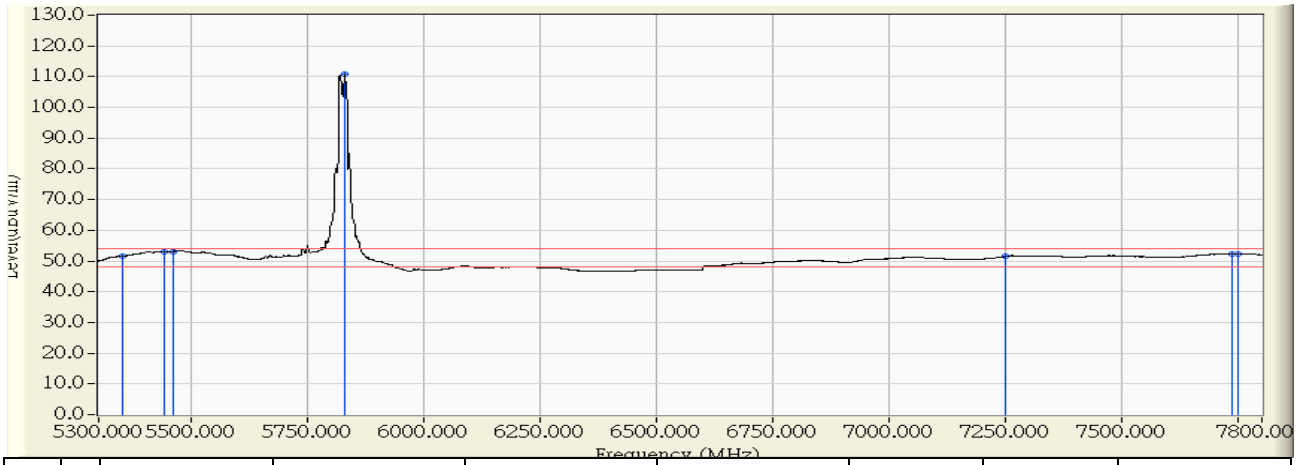



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 59.642 | 62.432 | -11.568 | 74.000 | PEAK |
| 2 | | 5430.000 | 3.411 | 62.801 | 66.211 | -7.789 | 74.000 | PEAK |
| 3 | | 5460.000 | 3.622 | 60.368 | 63.990 | -10.010 | 74.000 | PEAK |
| 4 | * | 5828.750 | 2.290 | 118.357 | 120.647 | 46.647 | 74.000 | PEAK |
| 5 | | 7250.000 | 5.549 | 56.566 | 62.115 | -11.885 | 74.000 | PEAK |
| 6 | | 7722.500 | 6.458 | 58.816 | 65.274 | -8.726 | 74.000 | PEAK |
| 7 | | 7750.000 | 6.505 | 56.440 | 62.945 | -11.055 | 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 : 2014/12/19 - 14:40** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11a_5825MHz** |

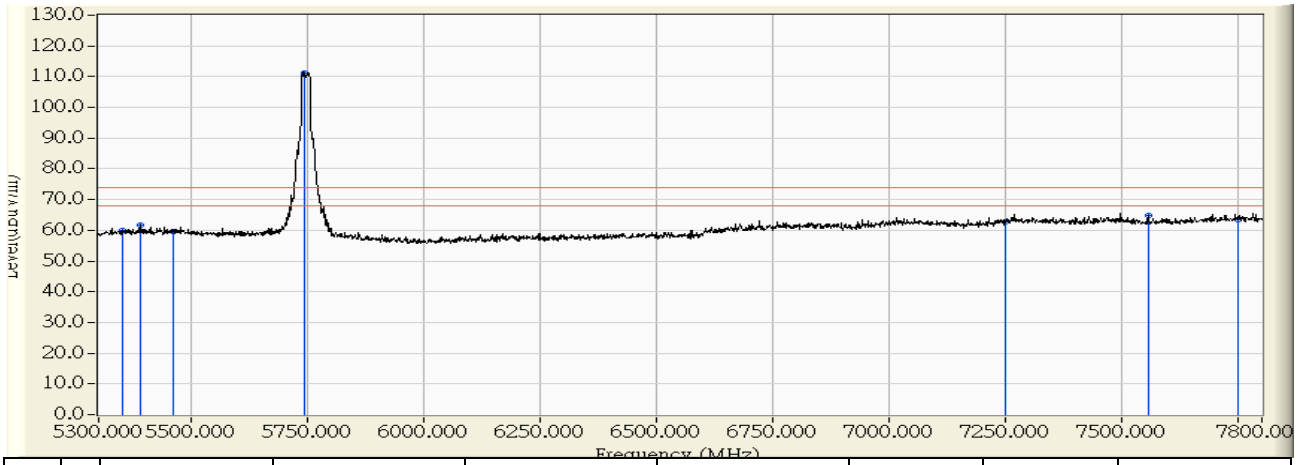



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 48.764 | 51.554 | -2.446 | 54.000 | AVERAGE |
| 2 | | 5440.000 | 3.488 | 49.584 | 53.072 | -0.928 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 49.475 | 53.097 | -0.903 | 54.000 | AVERAGE |
| 4 | * | 5828.750 | 2.290 | 108.421 | 110.711 | 56.711 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.975 | 51.524 | -2.476 | 54.000 | AVERAGE |
| 6 | | 7736.250 | 6.481 | 45.791 | 52.272 | -1.728 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.842 | 52.347 | -1.653 | 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 : 2014/12/19 - 15:03** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_5745MHz** |

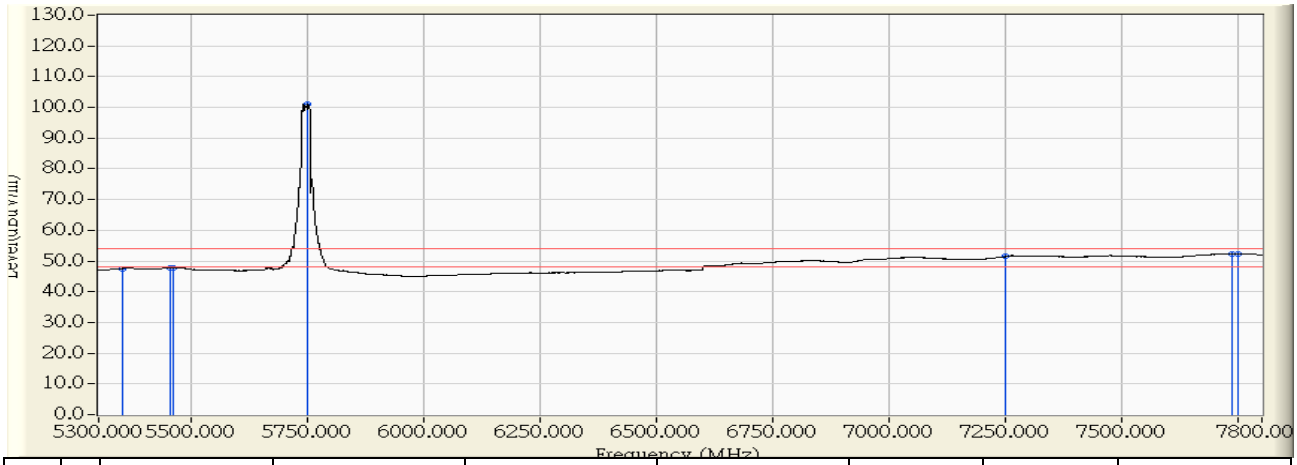



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 57.098 | 59.888 | -14.112 | 74.000 | PEAK |
| 2 | | 5391.250 | 3.110 | 58.639 | 61.749 | -12.251 | 74.000 | PEAK |
| 3 | | 5460.000 | 3.622 | 55.846 | 59.468 | -14.532 | 74.000 | PEAK |
| 4 | * | 5741.250 | 2.627 | 108.486 | 111.113 | 37.113 | 74.000 | PEAK |
| 5 | | 7250.000 | 5.549 | 57.255 | 62.804 | -11.196 | 74.000 | PEAK |
| 6 | | 7555.000 | 6.169 | 58.777 | 64.946 | -9.054 | 74.000 | PEAK |
| 7 | | 7750.000 | 6.505 | 56.812 | 63.317 | -10.683 | 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 : 2014/12/19 - 15:06** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_5745MHz** |

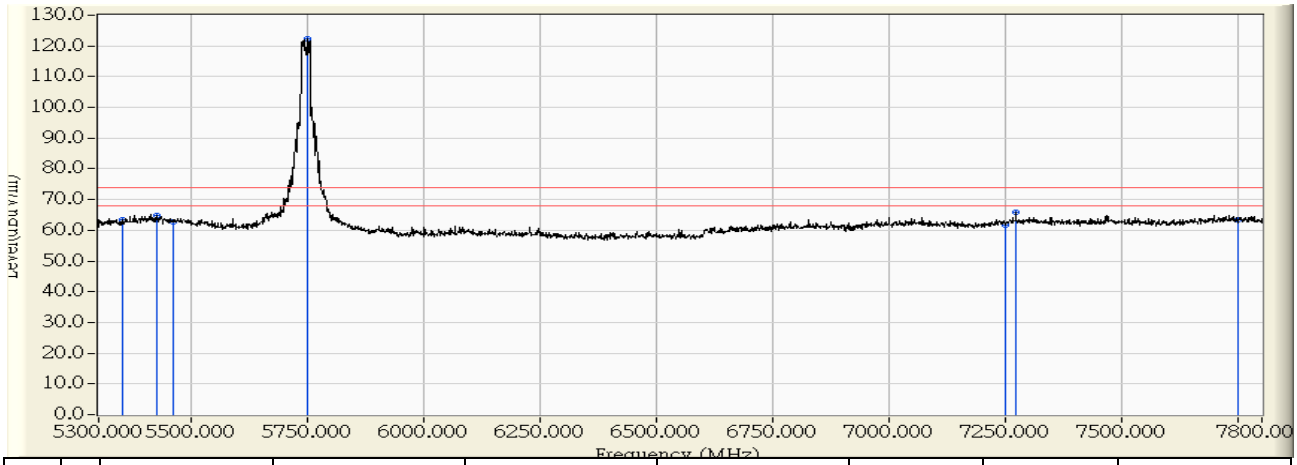



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 44.776 | 47.566 | -6.434 | 54.000 | AVERAGE |
| 2 | | 5452.500 | 3.585 | 44.037 | 47.622 | -6.378 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 44.045 | 47.667 | -6.333 | 54.000 | AVERAGE |
| 4 | * | 5750.000 | 2.593 | 98.315 | 100.908 | 46.908 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.908 | 51.457 | -2.543 | 54.000 | AVERAGE |
| 6 | | 7735.000 | 6.479 | 45.828 | 52.307 | -1.693 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.844 | 52.349 | -1.651 | 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 : 2014/12/19 - 14:59** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_5745MHz** |

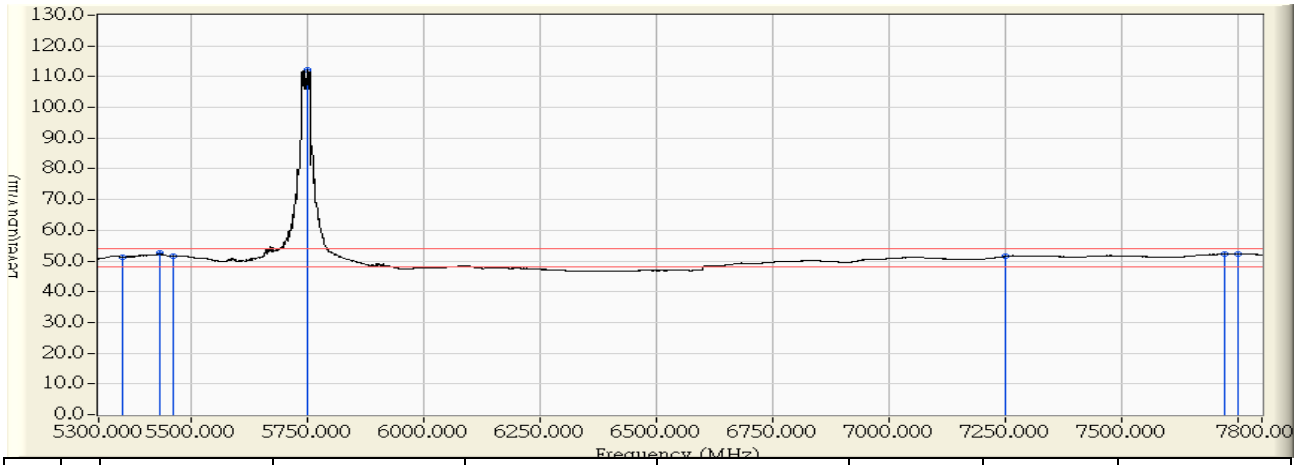



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 60.614 | 63.404 | -10.596 | 74.000 | PEAK |
| 2 | | 5426.250 | 3.381 | 61.353 | 64.734 | -9.266 | 74.000 | PEAK |
| 3 | | 5460.000 | 3.622 | 59.132 | 62.754 | -11.246 | 74.000 | PEAK |
| 4 | * | 5748.750 | 2.598 | 119.670 | 122.268 | 48.268 | 74.000 | PEAK |
| 5 | | 7250.000 | 5.549 | 56.124 | 61.673 | -12.327 | 74.000 | PEAK |
| 6 | | 7271.250 | 5.595 | 60.259 | 65.854 | -8.146 | 74.000 | PEAK |
| 7 | | 7750.000 | 6.505 | 57.009 | 63.514 | -10.486 | 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 : 2014/12/19 - 14:58** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_5745MHz** |

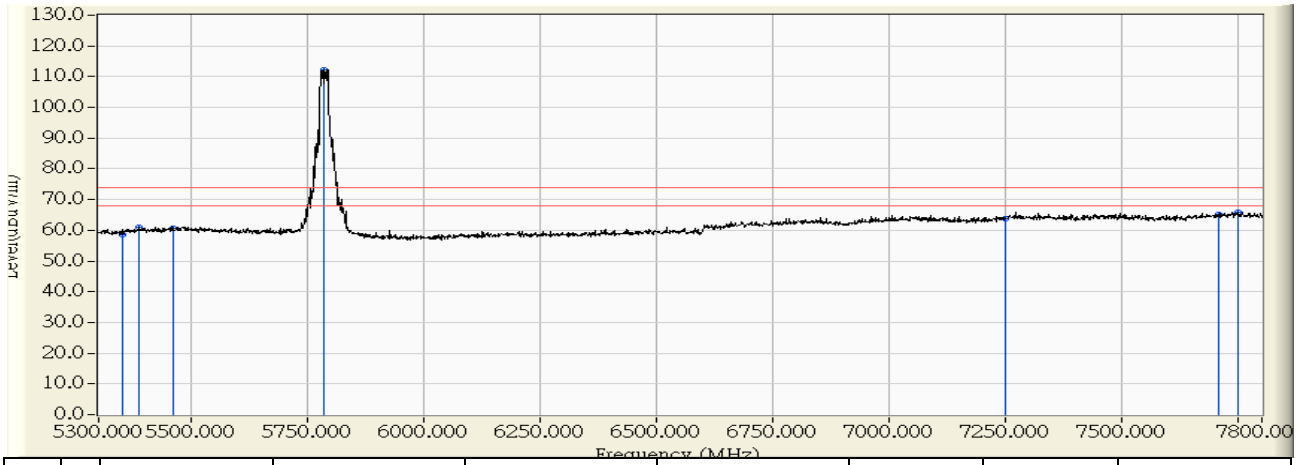



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 48.478 | 51.268 | -2.732 | 54.000 | AVERAGE |
| 2 | | 5430.000 | 3.411 | 49.208 | 52.618 | -1.382 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 48.031 | 51.653 | -2.347 | 54.000 | AVERAGE |
| 4 | * | 5748.750 | 2.598 | 109.677 | 112.275 | 58.275 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.909 | 51.458 | -2.542 | 54.000 | AVERAGE |
| 6 | | 7718.750 | 6.451 | 45.821 | 52.272 | -1.728 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.789 | 52.294 | -1.706 | 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 : 2014/12/19 - 15:26** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_5785MHz** |

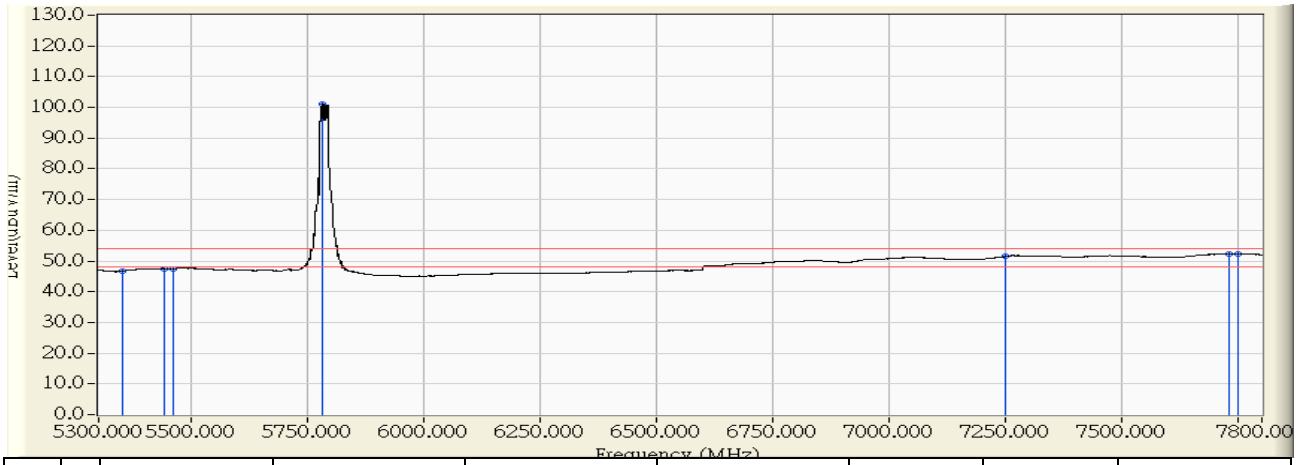



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 55.932 | 58.722 | -15.278 | 74.000 | PEAK |
| 2 | | 5386.250 | 3.071 | 58.030 | 61.101 | -12.899 | 74.000 | PEAK |
| 3 | | 5460.000 | 3.622 | 56.986 | 60.608 | -13.392 | 74.000 | PEAK |
| 4 | * | 5782.500 | 2.468 | 109.649 | 112.117 | 38.117 | 74.000 | PEAK |
| 5 | | 7250.000 | 5.549 | 58.383 | 63.932 | -10.068 | 74.000 | PEAK |
| 6 | | 7707.500 | 6.432 | 58.852 | 65.284 | -8.716 | 74.000 | PEAK |
| 7 | | 7750.000 | 6.505 | 59.493 | 65.998 | -8.002 | 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 : 2014/12/19 - 15:28** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_5785MHz** |

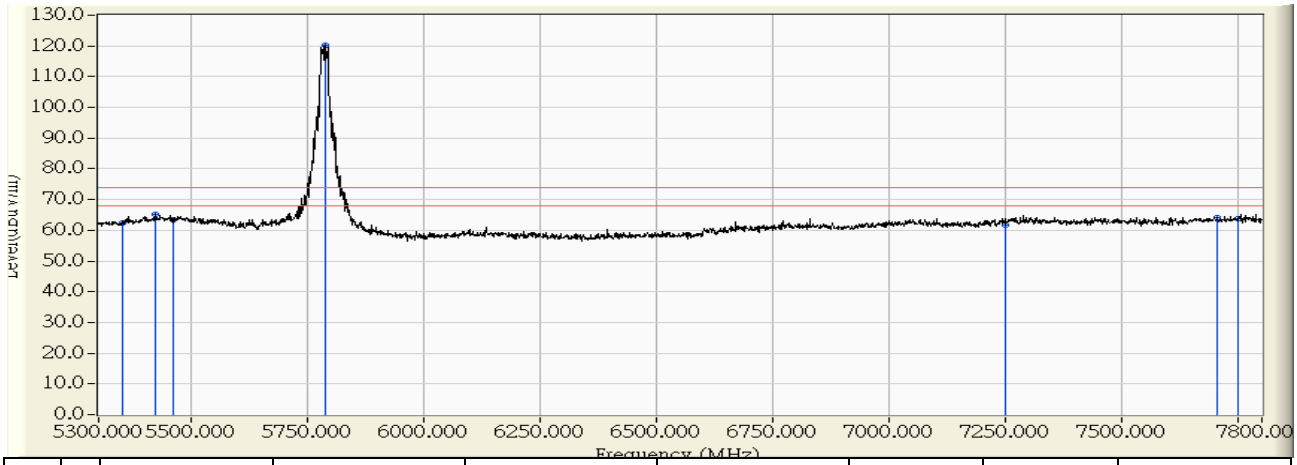



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 43.912 | 46.702 | -7.298 | 54.000 | AVERAGE |
| 2 | | 5440.000 | 3.488 | 44.060 | 47.548 | -6.452 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 43.847 | 47.469 | -6.531 | 54.000 | AVERAGE |
| 4 | * | 5781.250 | 2.473 | 98.723 | 101.196 | 47.196 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.974 | 51.523 | -2.477 | 54.000 | AVERAGE |
| 6 | | 7728.750 | 6.468 | 45.881 | 52.349 | -1.651 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.828 | 52.333 | -1.667 | 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 : 2014/12/19 - 15:14** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_5785MHz** |

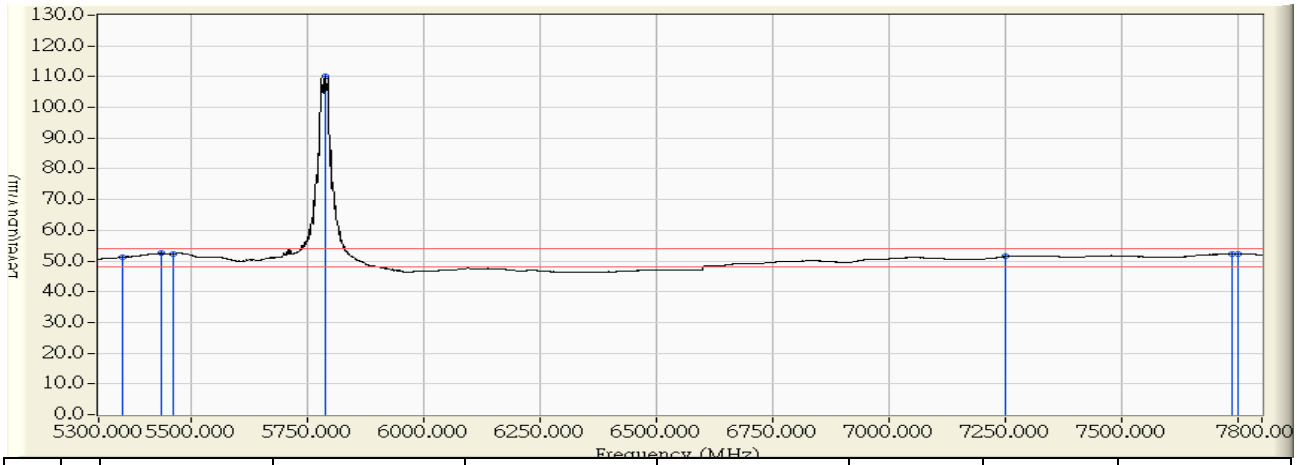



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 59.727 | 62.517 | -11.483 | 74.000 | PEAK |
| 2 | | 5421.250 | 3.343 | 61.807 | 65.149 | -8.851 | 74.000 | PEAK |
| 3 | | 5460.000 | 3.622 | 59.948 | 63.570 | -10.430 | 74.000 | PEAK |
| 4 | * | 5787.500 | 2.449 | 117.631 | 120.080 | 46.080 | 74.000 | PEAK |
| 5 | | 7250.000 | 5.549 | 56.246 | 61.795 | -12.205 | 74.000 | PEAK |
| 6 | | 7703.750 | 6.425 | 57.820 | 64.245 | -9.755 | 74.000 | PEAK |
| 7 | | 7750.000 | 6.505 | 57.130 | 63.635 | -10.365 | 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 : 2014/12/19 - 15:13** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_5785MHz** |

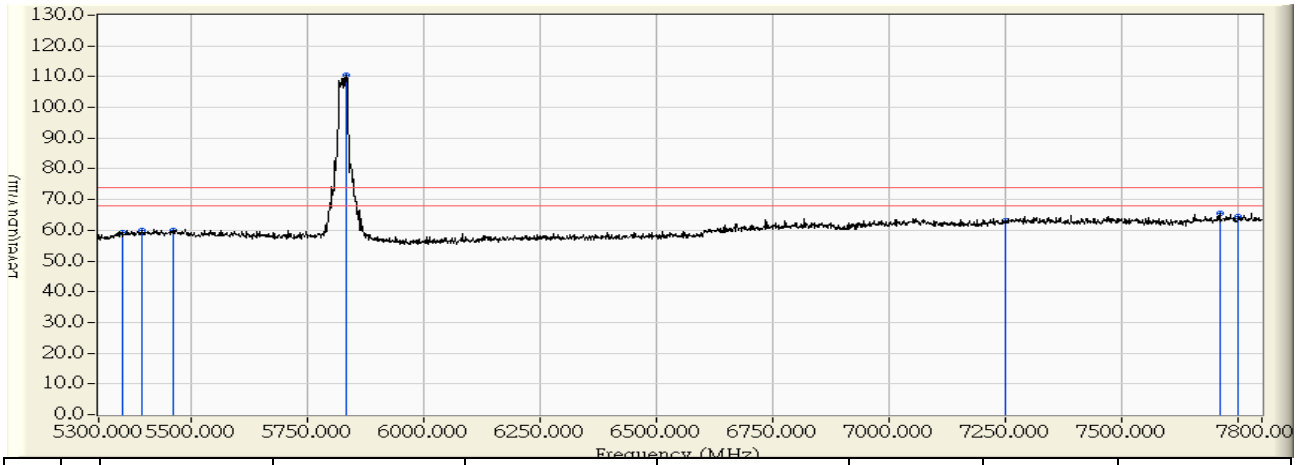



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 48.444 | 51.234 | -2.766 | 54.000 | AVERAGE |
| 2 | | 5433.750 | 3.439 | 49.238 | 52.677 | -1.323 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 48.675 | 52.297 | -1.703 | 54.000 | AVERAGE |
| 4 | * | 5788.750 | 2.444 | 107.629 | 110.073 | 56.073 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.932 | 51.481 | -2.519 | 54.000 | AVERAGE |
| 6 | | 7736.250 | 6.481 | 45.793 | 52.274 | -1.726 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.785 | 52.290 | -1.710 | 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 : 2014/12/19 - 15:50** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_5825MHz** |

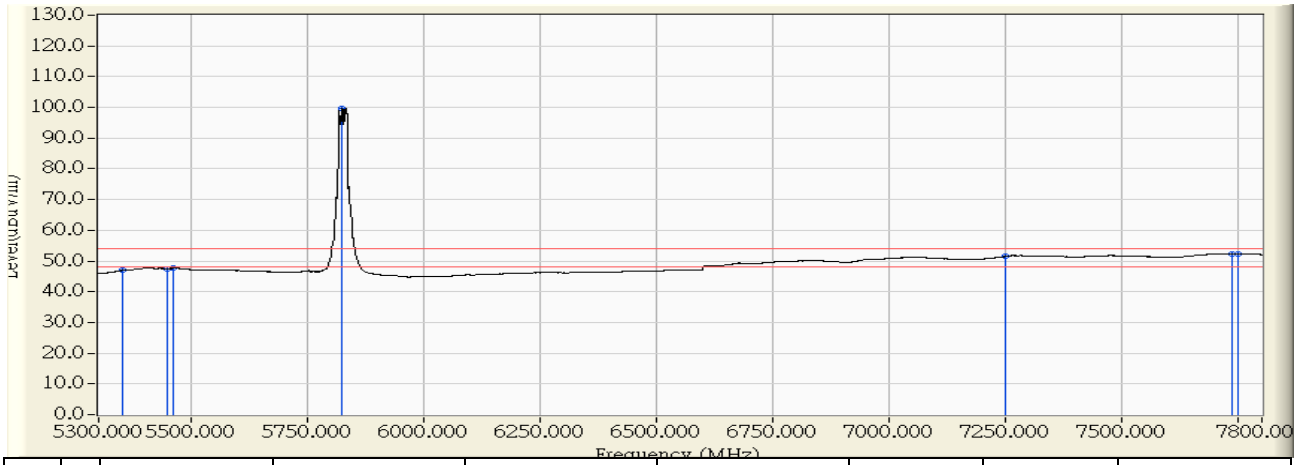



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 56.298 | 59.088 | -14.912 | 74.000 | PEAK |
| 2 | | 5393.750 | 3.128 | 56.840 | 59.969 | -14.031 | 74.000 | PEAK |
| 3 | | 5460.000 | 3.622 | 56.353 | 59.975 | -14.025 | 74.000 | PEAK |
| 4 | * | 5832.500 | 2.275 | 108.110 | 110.385 | 36.385 | 74.000 | PEAK |
| 5 | | 7250.000 | 5.549 | 57.468 | 63.017 | -10.983 | 74.000 | PEAK |
| 6 | | 7708.750 | 6.434 | 59.225 | 65.659 | -8.341 | 74.000 | PEAK |
| 7 | | 7750.000 | 6.505 | 57.904 | 64.409 | -9.591 | 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 : 2014/12/19 - 16:00** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_5825MHz** |

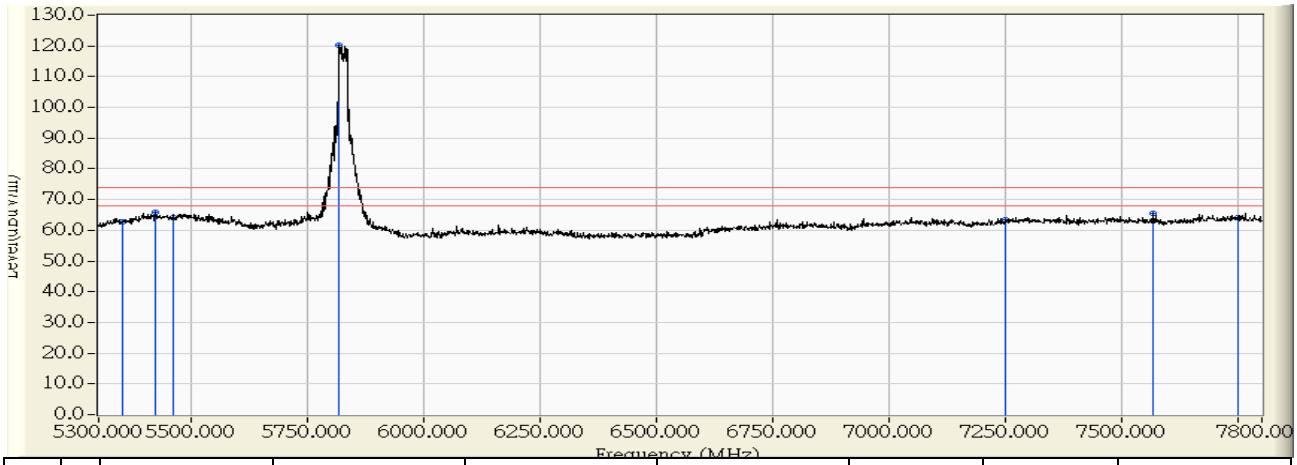



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 44.099 | 46.889 | -7.111 | 54.000 | AVERAGE |
| 2 | | 5446.250 | 3.537 | 44.030 | 47.566 | -6.434 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 43.998 | 47.620 | -6.380 | 54.000 | AVERAGE |
| 4 | * | 5822.500 | 2.314 | 97.370 | 99.684 | 45.684 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.980 | 51.529 | -2.471 | 54.000 | AVERAGE |
| 6 | | 7735.000 | 6.479 | 45.844 | 52.323 | -1.677 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.862 | 52.367 | -1.633 | 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 : 2014/12/19 - 15:43** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_5825MHz** |

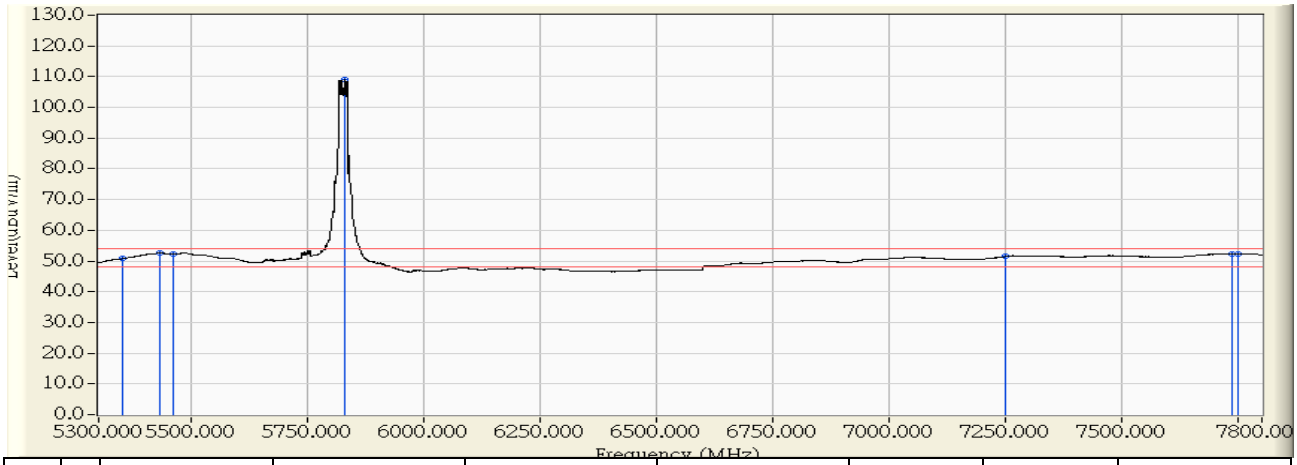



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 59.868 | 62.658 | -11.342 | 74.000 | PEAK |
| 2 | | 5421.250 | 3.343 | 62.491 | 65.833 | -8.167 | 74.000 | PEAK |
| 3 | | 5460.000 | 3.622 | 60.673 | 64.295 | -9.705 | 74.000 | PEAK |
| 4 | * | 5817.500 | 2.333 | 117.956 | 120.289 | 46.289 | 74.000 | PEAK |
| 5 | | 7250.000 | 5.549 | 57.976 | 63.525 | -10.475 | 74.000 | PEAK |
| 6 | | 7567.500 | 6.191 | 59.228 | 65.419 | -8.581 | 74.000 | PEAK |
| 7 | | 7750.000 | 6.505 | 57.655 | 64.160 | -9.840 | 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 : 2014/12/19 - 15:39** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(20MHz)_5825MHz** |

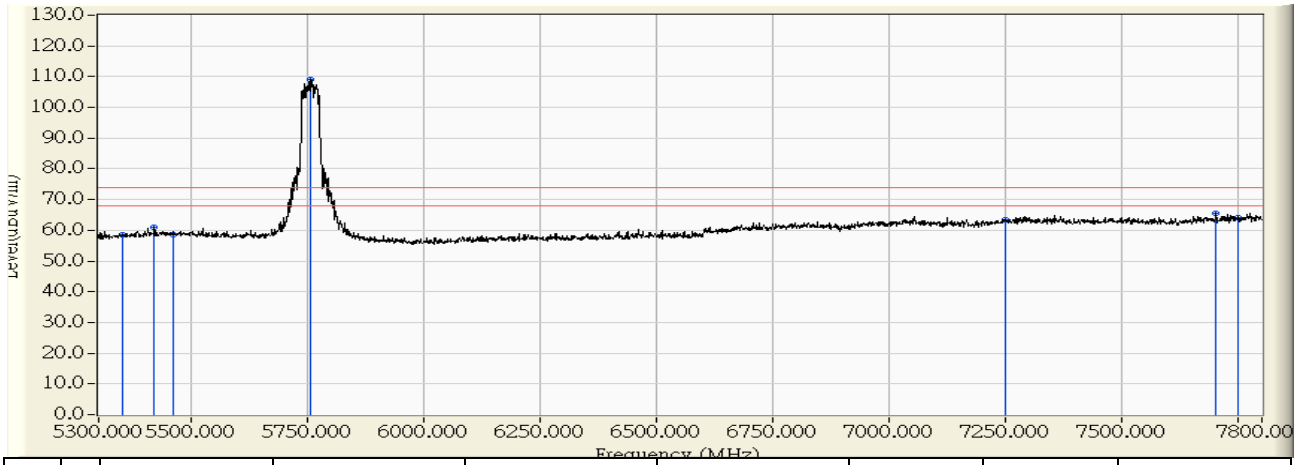



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 47.966 | 50.756 | -3.244 | 54.000 | AVERAGE |
| 2 | | 5432.500 | 3.430 | 49.291 | 52.721 | -1.279 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 48.628 | 52.250 | -1.750 | 54.000 | AVERAGE |
| 4 | * | 5827.500 | 2.295 | 106.803 | 109.098 | 55.098 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.911 | 51.460 | -2.540 | 54.000 | AVERAGE |
| 6 | | 7735.000 | 6.479 | 45.809 | 52.288 | -1.712 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.802 | 52.307 | -1.693 | 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 : 2014/12/19 - 16:17** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_5755MHz** |

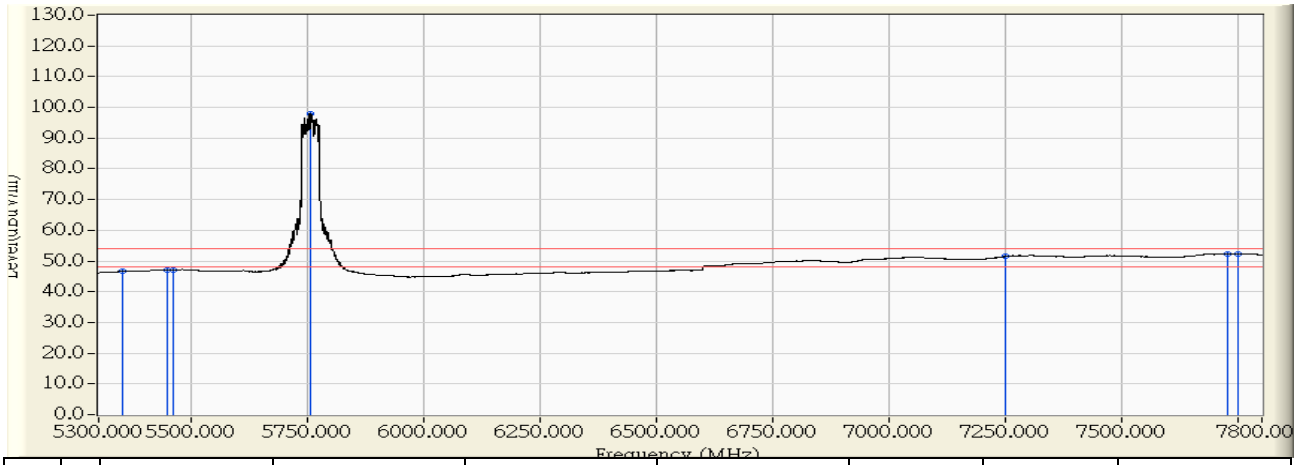



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 55.652 | 58.442 | -15.558 | 74.000 | PEAK |
| 2 | | 5420.000 | 3.333 | 57.564 | 60.897 | -13.103 | 74.000 | PEAK |
| 3 | | 5460.000 | 3.622 | 55.084 | 58.706 | -15.294 | 74.000 | PEAK |
| 4 | * | 5753.750 | 2.579 | 106.391 | 108.970 | 34.970 | 74.000 | PEAK |
| 5 | | 7250.000 | 5.549 | 57.855 | 63.404 | -10.596 | 74.000 | PEAK |
| 6 | | 7701.250 | 6.421 | 59.211 | 65.632 | -8.368 | 74.000 | PEAK |
| 7 | | 7750.000 | 6.505 | 57.661 | 64.166 | -9.834 | 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 : 2014/12/19 - 16:20** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_5755MHz** |

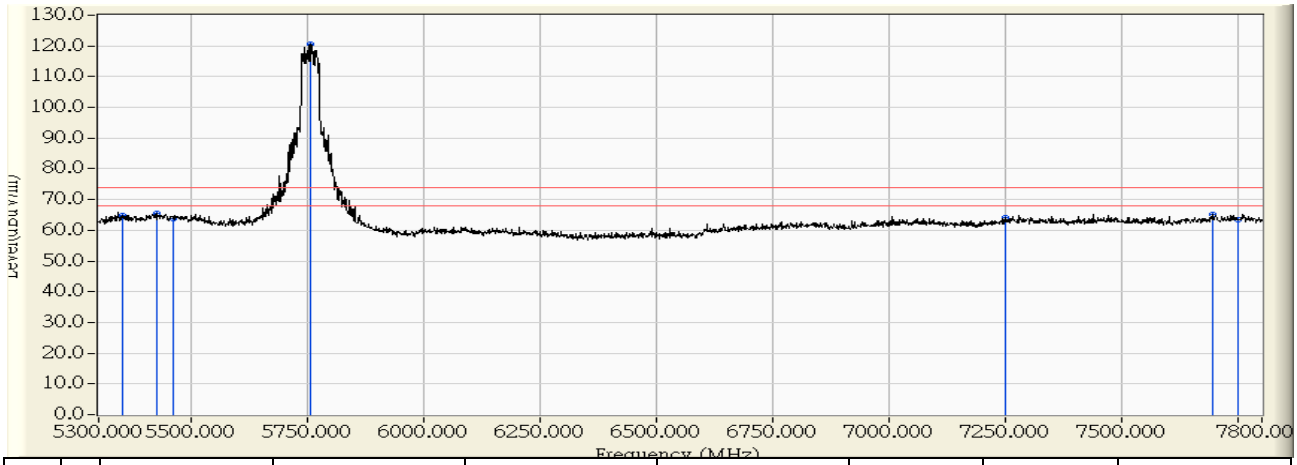



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 43.892 | 46.682 | -7.318 | 54.000 | AVERAGE |
| 2 | | 5446.250 | 3.537 | 43.514 | 47.050 | -6.950 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 43.486 | 47.108 | -6.892 | 54.000 | AVERAGE |
| 4 | * | 5753.750 | 2.579 | 95.268 | 97.847 | 43.847 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.934 | 51.483 | -2.517 | 54.000 | AVERAGE |
| 6 | | 7725.000 | 6.462 | 45.821 | 52.283 | -1.717 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.821 | 52.326 | -1.674 | 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 : 2014/12/19 - 16:07** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_5755MHz** |

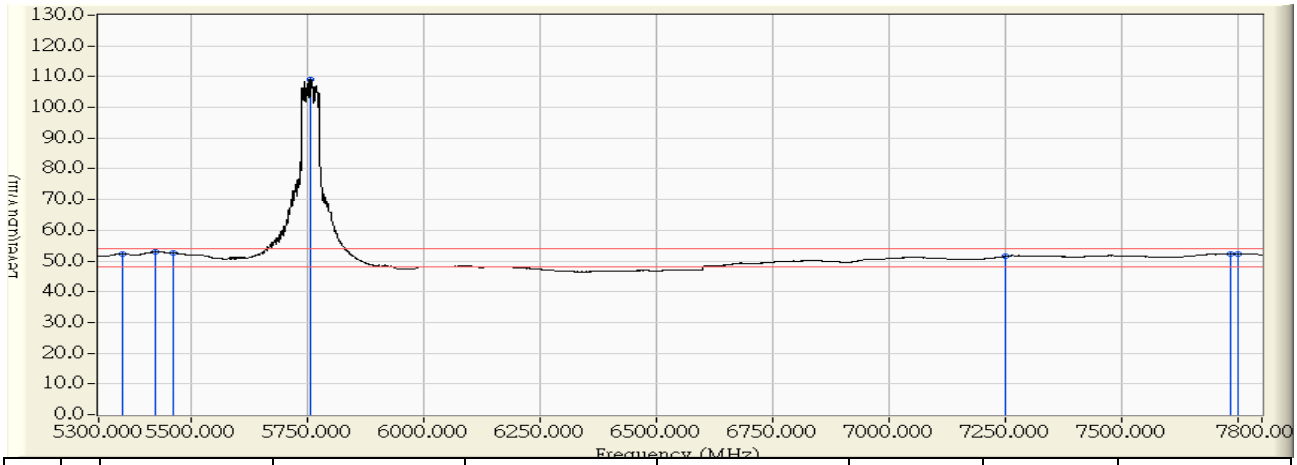



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 61.931 | 64.721 | -9.279 | 74.000 | PEAK |
| 2 | | 5426.250 | 3.381 | 61.970 | 65.351 | -8.649 | 74.000 | PEAK |
| 3 | | 5460.000 | 3.622 | 60.030 | 63.652 | -10.348 | 74.000 | PEAK |
| 4 | * | 5753.750 | 2.579 | 117.932 | 120.511 | 46.511 | 74.000 | PEAK |
| 5 | | 7250.000 | 5.549 | 58.642 | 64.191 | -9.809 | 74.000 | PEAK |
| 6 | | 7695.000 | 6.410 | 58.725 | 65.135 | -8.865 | 74.000 | PEAK |
| 7 | | 7750.000 | 6.505 | 56.924 | 63.429 | -10.571 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 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 : 2014/12/19 - 16:06** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_5755MHz** |

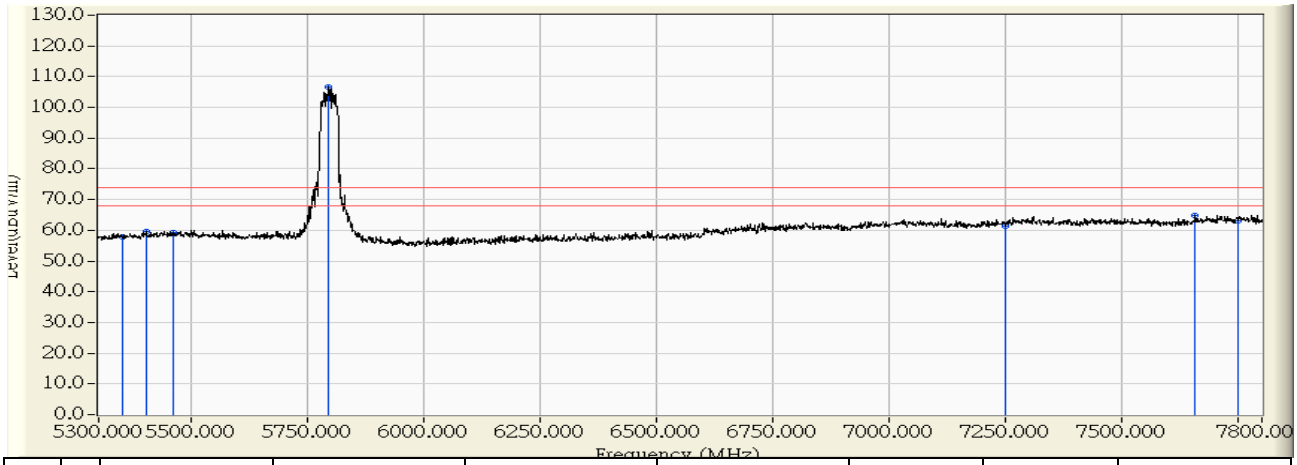



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 49.543 | 52.333 | -1.667 | 54.000 | AVERAGE |
| 2 | | 5421.250 | 3.343 | 49.556 | 52.898 | -1.102 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 48.997 | 52.619 | -1.381 | 54.000 | AVERAGE |
| 4 | * | 5753.750 | 2.579 | 106.634 | 109.213 | 55.213 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.920 | 51.469 | -2.531 | 54.000 | AVERAGE |
| 6 | | 7732.500 | 6.475 | 45.825 | 52.300 | -1.700 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.844 | 52.349 | -1.651 | 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 : 2014/12/19 - 16:40** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_5795MHz** |

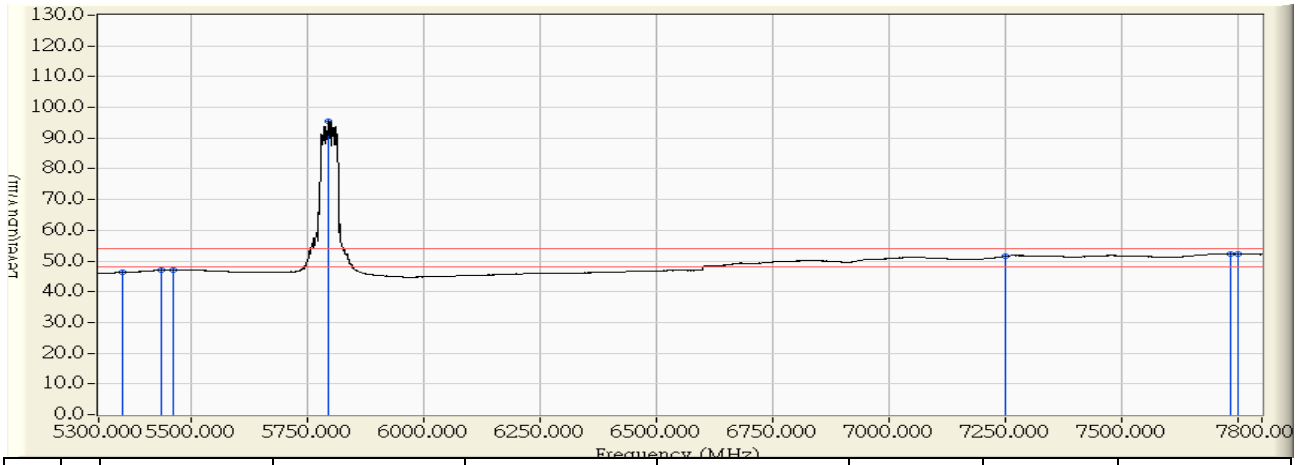



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 55.219 | 58.009 | -15.991 | 74.000 | PEAK |
| 2 | | 5402.500 | 3.197 | 56.368 | 59.565 | -14.435 | 74.000 | PEAK |
| 3 | | 5460.000 | 3.622 | 55.680 | 59.302 | -14.698 | 74.000 | PEAK |
| 4 | * | 5793.750 | 2.425 | 104.125 | 106.550 | 32.550 | 74.000 | PEAK |
| 5 | | 7250.000 | 5.549 | 55.737 | 61.286 | -12.714 | 74.000 | PEAK |
| 6 | | 7656.250 | 6.343 | 58.576 | 64.920 | -9.080 | 74.000 | PEAK |
| 7 | | 7750.000 | 6.505 | 56.532 | 63.037 | -10.963 | 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 : 2014/12/19 - 16:42** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_5795MHz** |

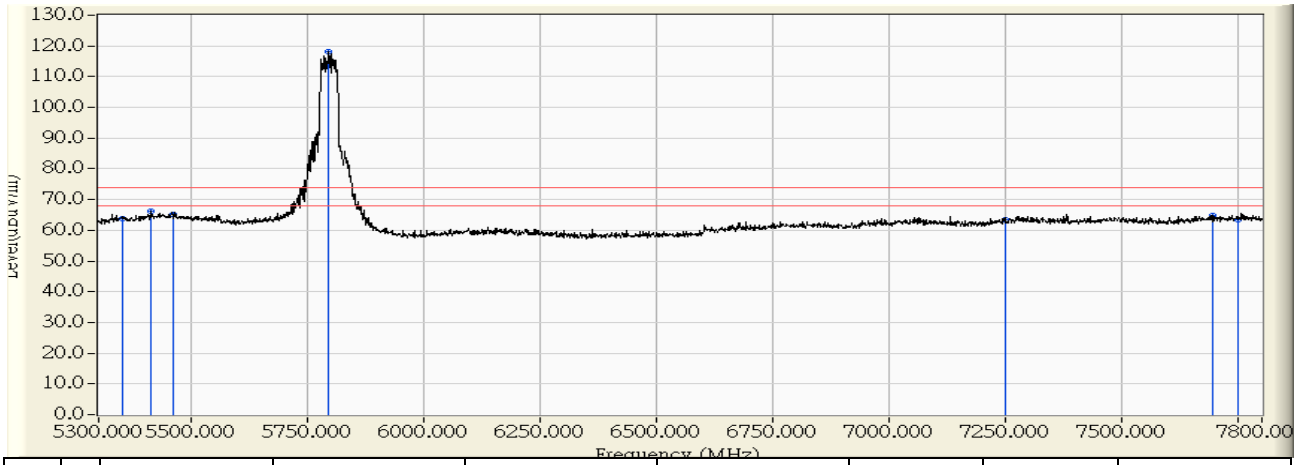



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 43.582 | 46.372 | -7.628 | 54.000 | AVERAGE |
| 2 | | 5433.750 | 3.439 | 43.577 | 47.016 | -6.984 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 43.424 | 47.046 | -6.954 | 54.000 | AVERAGE |
| 4 | * | 5793.750 | 2.425 | 93.091 | 95.516 | 41.516 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.963 | 51.512 | -2.488 | 54.000 | AVERAGE |
| 6 | | 7731.250 | 6.472 | 45.798 | 52.271 | -1.729 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.861 | 52.366 | -1.634 | 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 : 2014/12/19 - 16:33** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_5795MHz** |

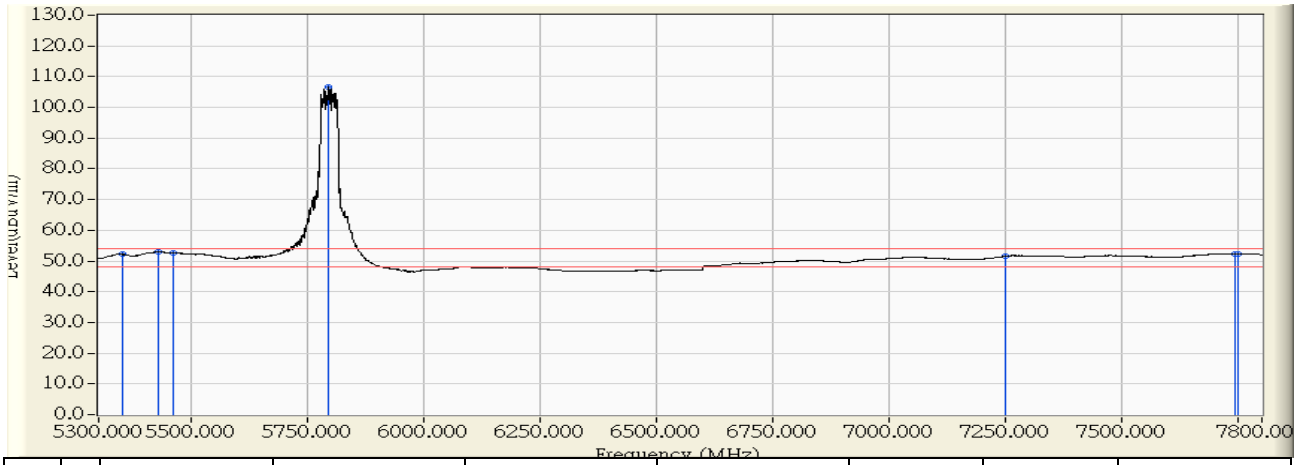



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 60.993 | 63.783 | -10.217 | 74.000 | PEAK |
| 2 | | 5411.250 | 3.265 | 62.994 | 66.259 | -7.741 | 74.000 | PEAK |
| 3 | | 5460.000 | 3.622 | 61.382 | 65.004 | -8.996 | 74.000 | PEAK |
| 4 | * | 5793.750 | 2.425 | 115.597 | 118.022 | 44.022 | 74.000 | PEAK |
| 5 | | 7250.000 | 5.549 | 57.817 | 63.366 | -10.634 | 74.000 | PEAK |
| 6 | | 7693.750 | 6.408 | 58.473 | 64.881 | -9.119 | 74.000 | PEAK |
| 7 | | 7750.000 | 6.505 | 57.004 | 63.509 | -10.491 | 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 : 2014/12/19 - 16:31** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/60Hz** |
| **EUT : Gigabit Router Dual-band Wireless-N900** | **Note : Mode 1: Transmit_AD82030 802.11n(40MHz)_5795MHz** |




| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 5350.000 | 2.790 | 49.333 | 52.123 | -1.877 | 54.000 | AVERAGE |
| 2 | | 5428.750 | 3.400 | 49.542 | 52.943 | -1.057 | 54.000 | AVERAGE |
| 3 | | 5460.000 | 3.622 | 49.102 | 52.724 | -1.276 | 54.000 | AVERAGE |
| 4 | * | 5793.750 | 2.425 | 104.161 | 106.586 | 52.586 | 54.000 | AVERAGE |
| 5 | | 7250.000 | 5.549 | 45.974 | 51.523 | -2.477 | 54.000 | AVERAGE |
| 6 | | 7741.250 | 6.490 | 45.814 | 52.304 | -1.696 | 54.000 | AVERAGE |
| 7 | | 7750.000 | 6.505 | 45.855 | 52.360 | -1.640 | 54.000 | AVERAGE |

Note:

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

# 7. DTS Bandwidth

## 7.1. Test Equipment

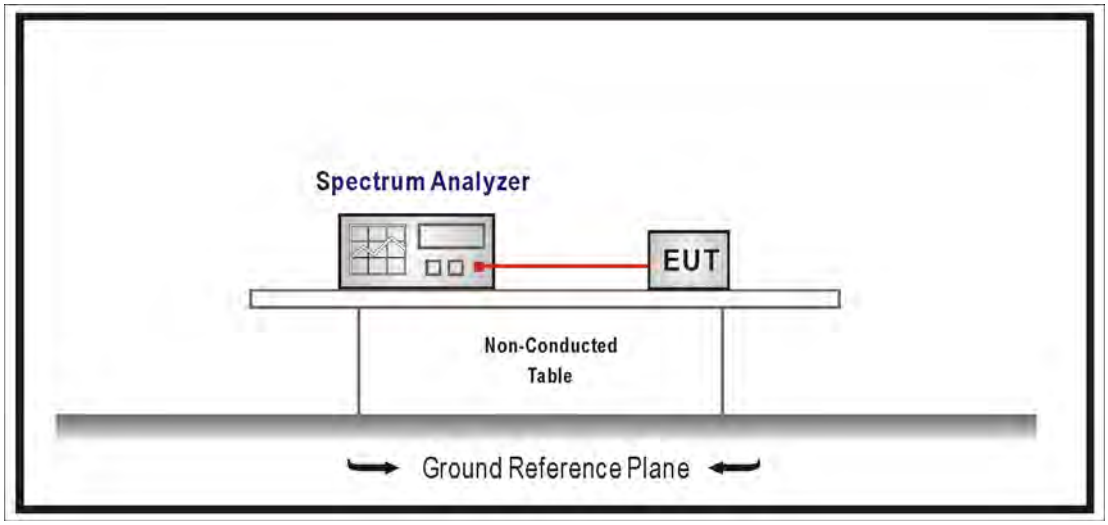
The following test equipments are used during the test:

**DTS Bandwidth / SR7**

| Instrument | Manufacturer | Model No. | Serial No | Next Cal. Date |
|---|---|---|---|---|
| Spectrum Analyzer | Agilent | N9010A-EXA | US47140172 | 2015/07/14 |

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 C63.10; tested procedure section 8.1 of KDB558074 v03r02 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100KHz, Set the VBW≧3xRBW, Sweep Time=Auto, Set Peak Detector.

## 7.4. Limits

The 6 dB bandwidth must be greater than 500 kHz.

## 7.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2013

## 7.6. Uncertainty

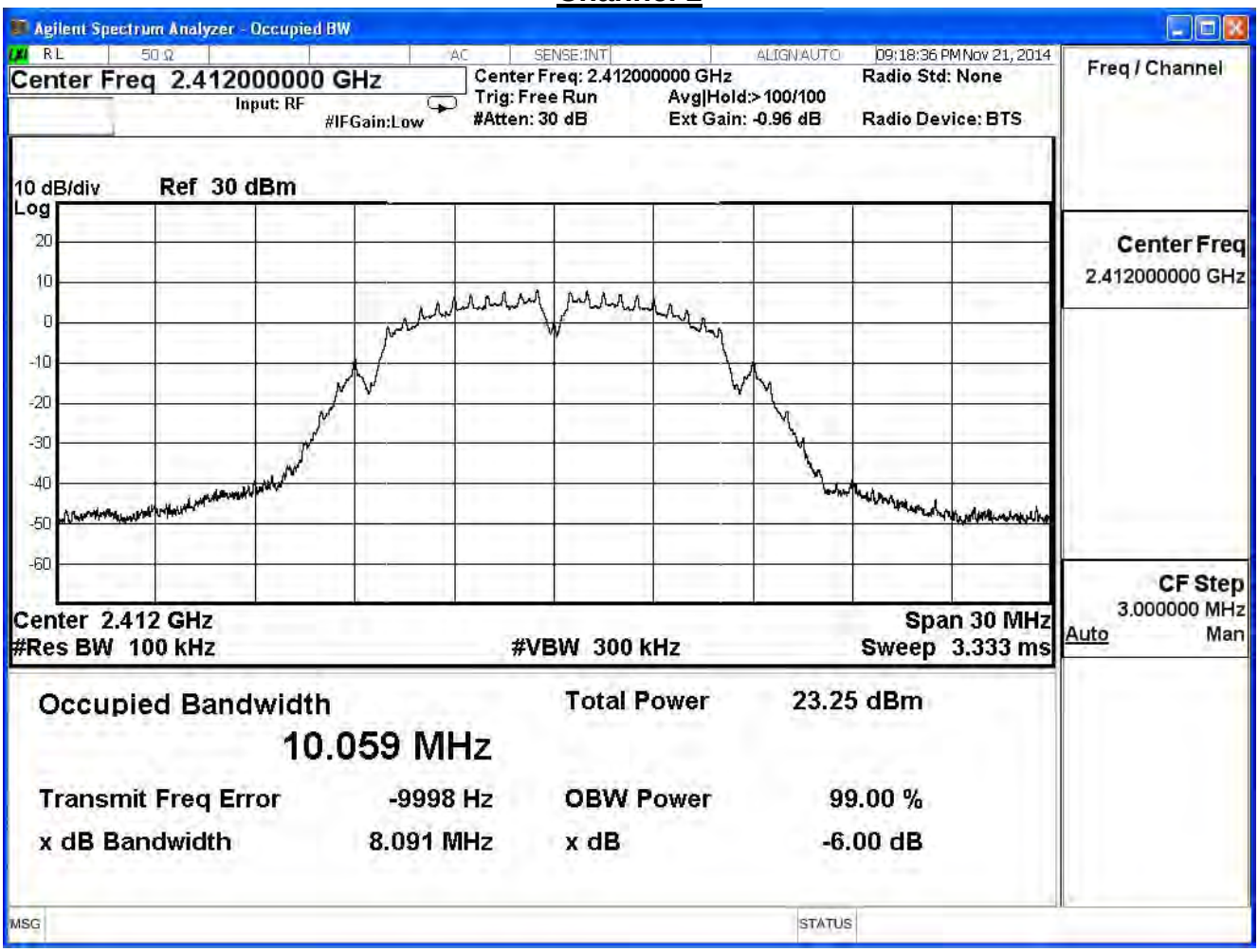
The measurement uncertainty is defined as ±150Hz

## 7.7. Test Result

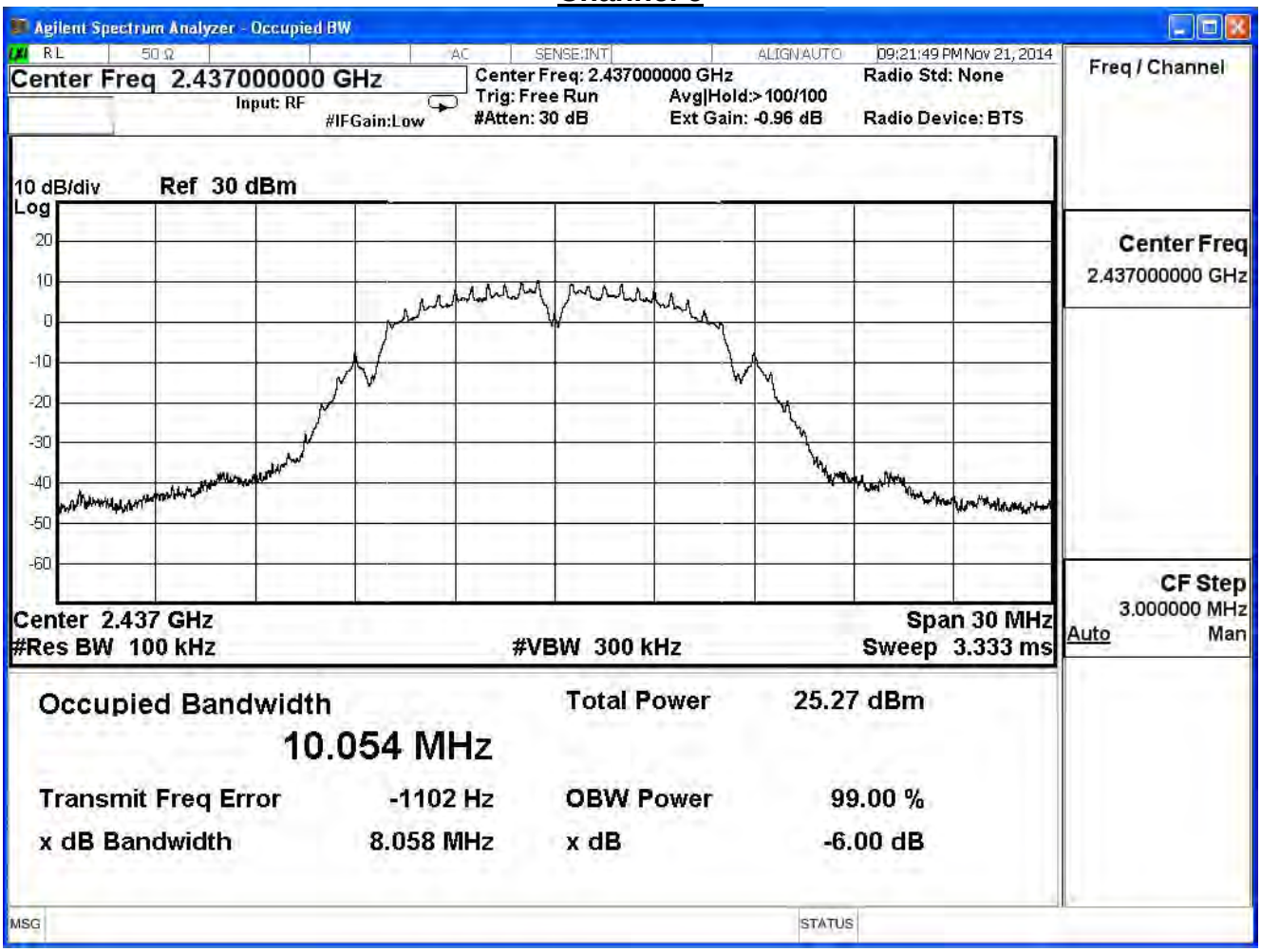
| Product | Gigabit Router Dual-band Wireless-N900 | | |
|---|---|---|---|
| Test Item | DTS Bandwidth | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/11/23 | Test Site | SR7 |

| 802.11 b (ANT 0) | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
| 1 | 2412 | 8.091 | ≧0.5 | Pass |
| 6 | 2437 | 8.058 | ≧0.5 | Pass |
| 11 | 2462 | 8.071 | ≧0.5 | Pass |

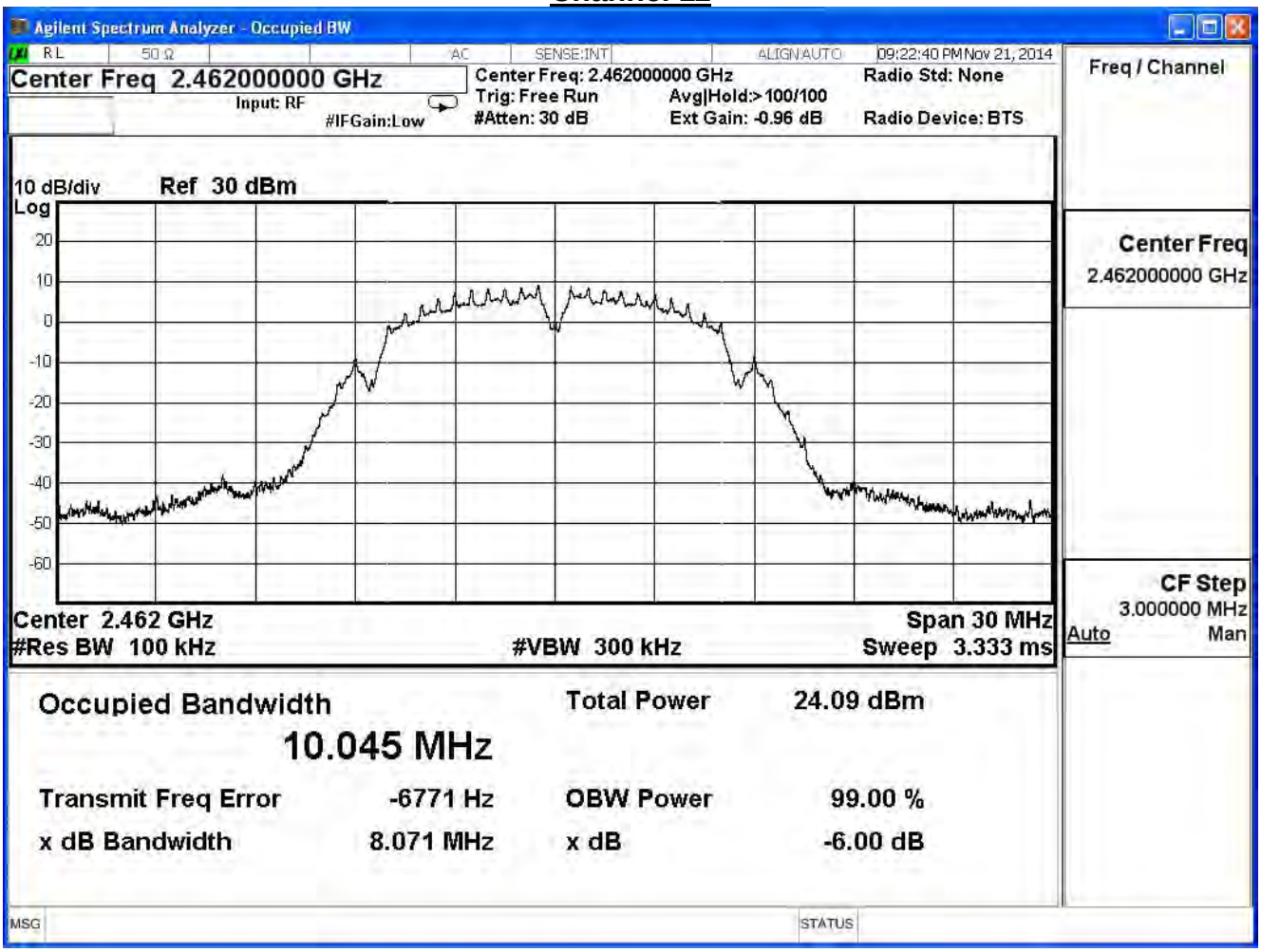
**Channel 1**



**Channel 6**


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:21:49 PM Nov 21, 2014
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -0.96 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 3.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
10.054 MHz
Total Power
25.27 dBm
Transmit Freq Error
-1102 Hz
OBW Power
99.00 %
x dB Bandwidth
8.058 MHz
x dB
-6.00 dB
MSG
STATUS

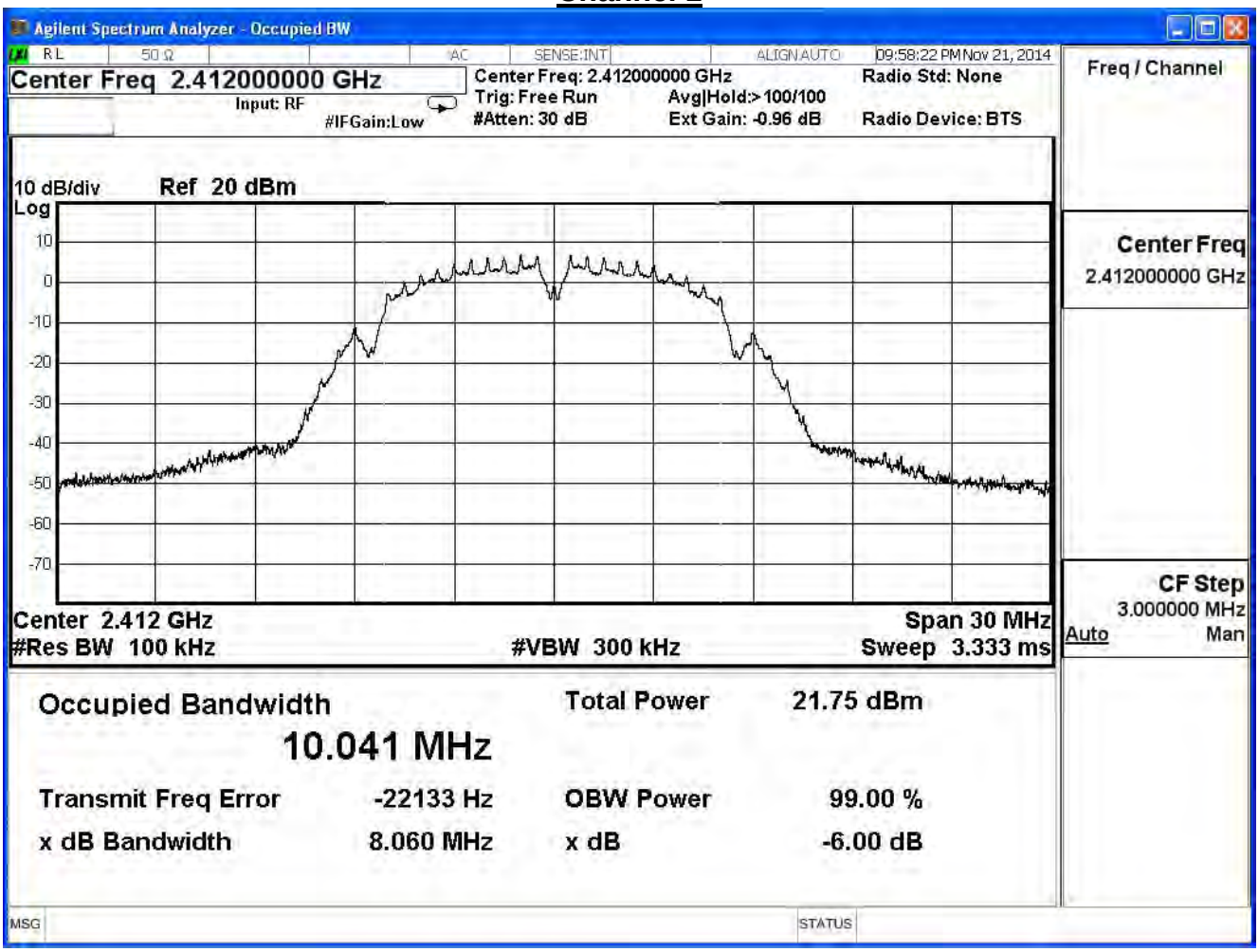
**Channel 11**


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:22:40 PM Nov 21, 2014
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -0.96 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 3.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
10.045 MHz
Total Power
24.09 dBm
Transmit Freq Error
-6771 Hz
OBW Power
99.00 %
x dB Bandwidth
8.071 MHz
x dB
-6.00 dB
MSG
STATUS

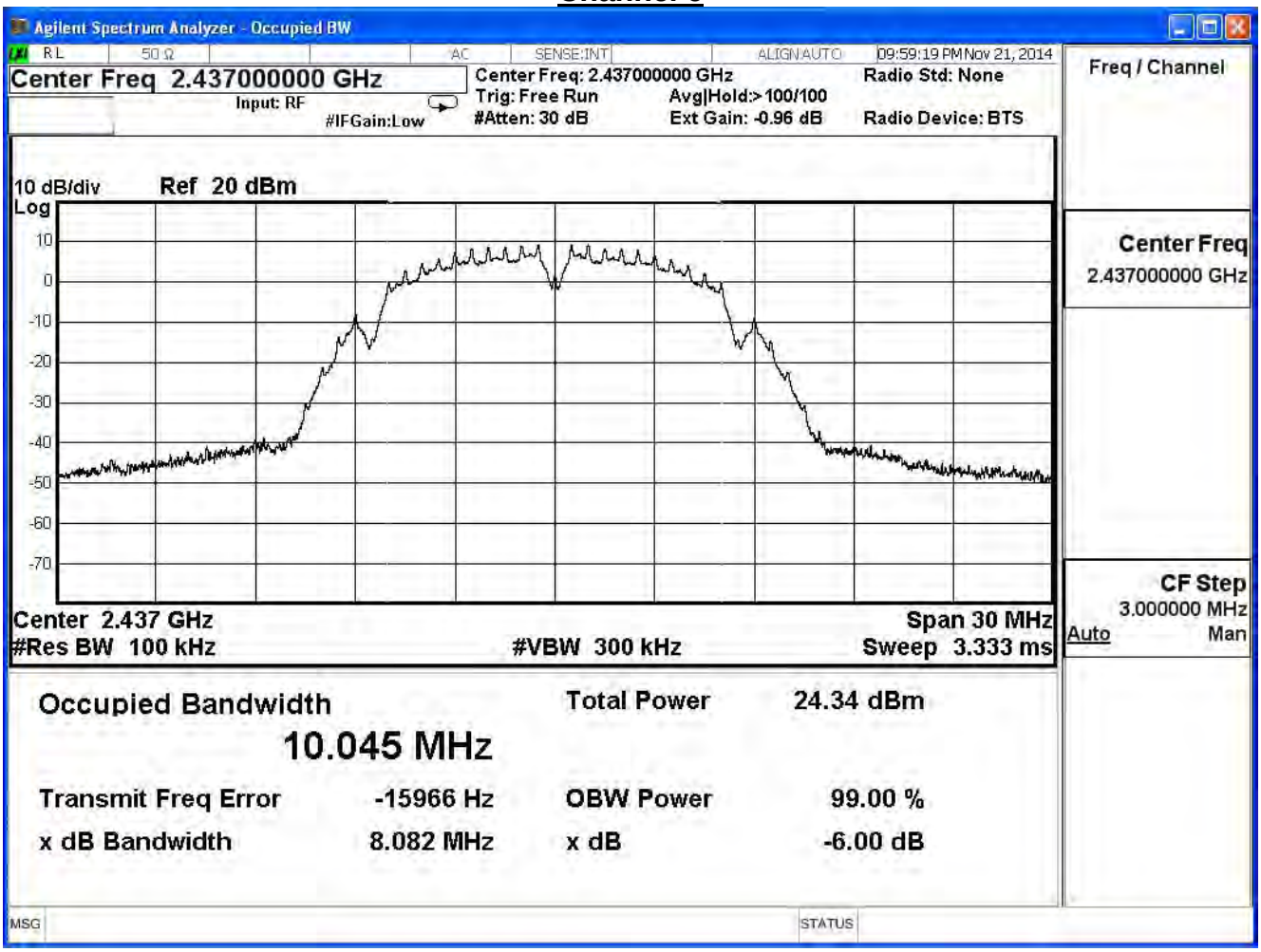
| Product | Gigabit Router Dual-band Wireless-N900 | | |
|---|---|---|---|
| Test Item | DTS Bandwidth | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/11/23 | Test Site | SR7 |

| 802.11 b (ANT 1) | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
| 1 | 2412 | 8.060 | ≧0.5 | Pass |
| 6 | 2437 | 8.082 | ≧0.5 | Pass |
| 11 | 2462 | 8.073 | ≧0.5 | Pass |

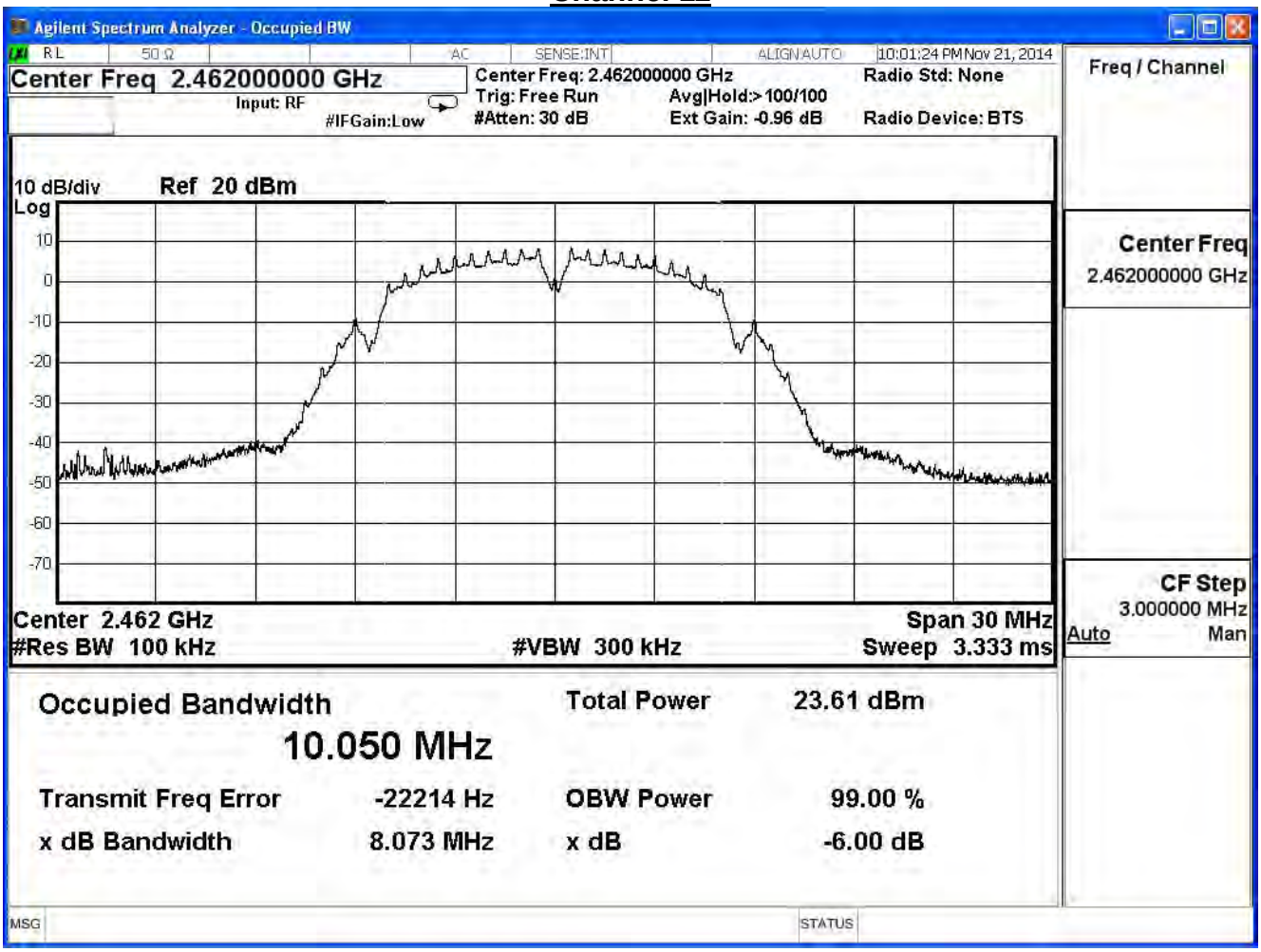
**Channel 1**



**Channel 6**


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:59:19 PM Nov 21, 2014
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -0.96 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 3.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
10.045 MHz
Total Power
24.34 dBm
Transmit Freq Error
-15966 Hz
OBW Power
99.00 %
x dB Bandwidth
8.082 MHz
x dB
-6.00 dB
MSG
STATUS

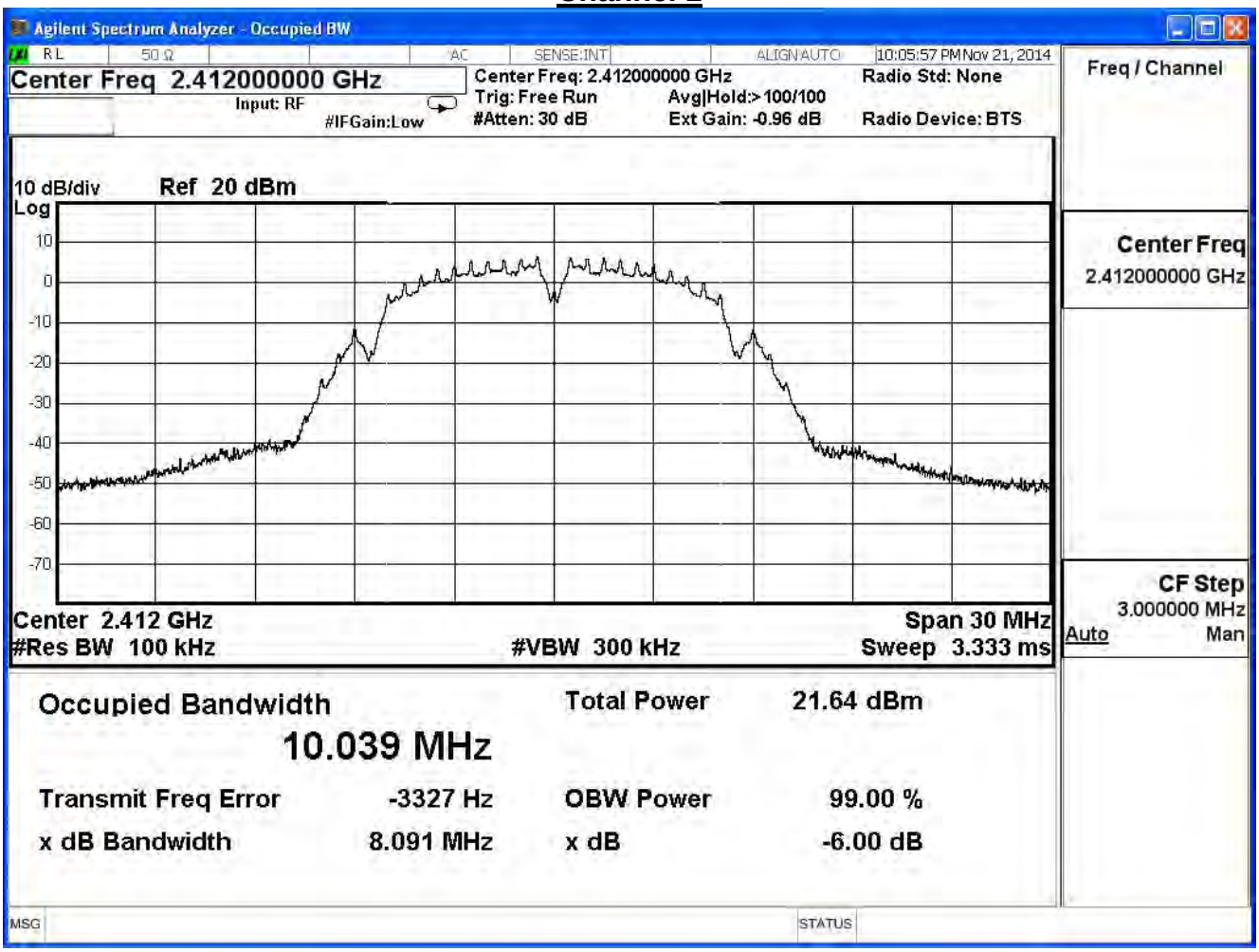
**Channel 11**


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:01:24 PM Nov 21, 2014
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -0.96 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 3.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
10.050 MHz
Total Power
23.61 dBm
Transmit Freq Error
-22214 Hz
OBW Power
99.00 %
x dB Bandwidth
8.073 MHz
x dB
-6.00 dB
MSG
STATUS

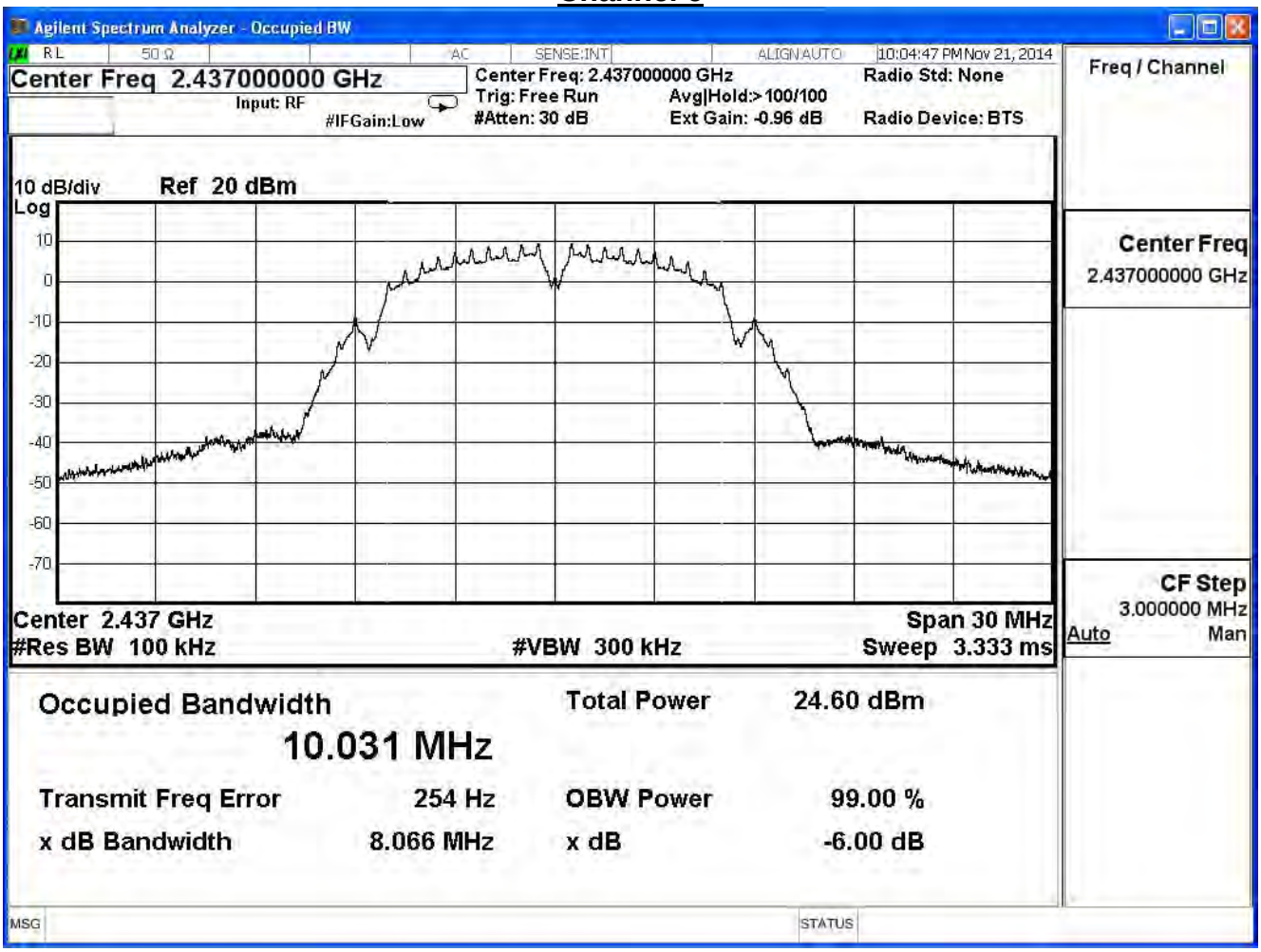
| Product | Gigabit Router Dual-band Wireless-N900 | | |
|---|---|---|---|
| Test Item | DTS Bandwidth | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/11/23 | Test Site | SR7 |

| 802.11 b (ANT 2) | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
| 1 | 2412 | 8.091 | ≧0.5 | Pass |
| 6 | 2437 | 8.066 | ≧0.5 | Pass |
| 11 | 2462 | 8.091 | ≧0.5 | Pass |

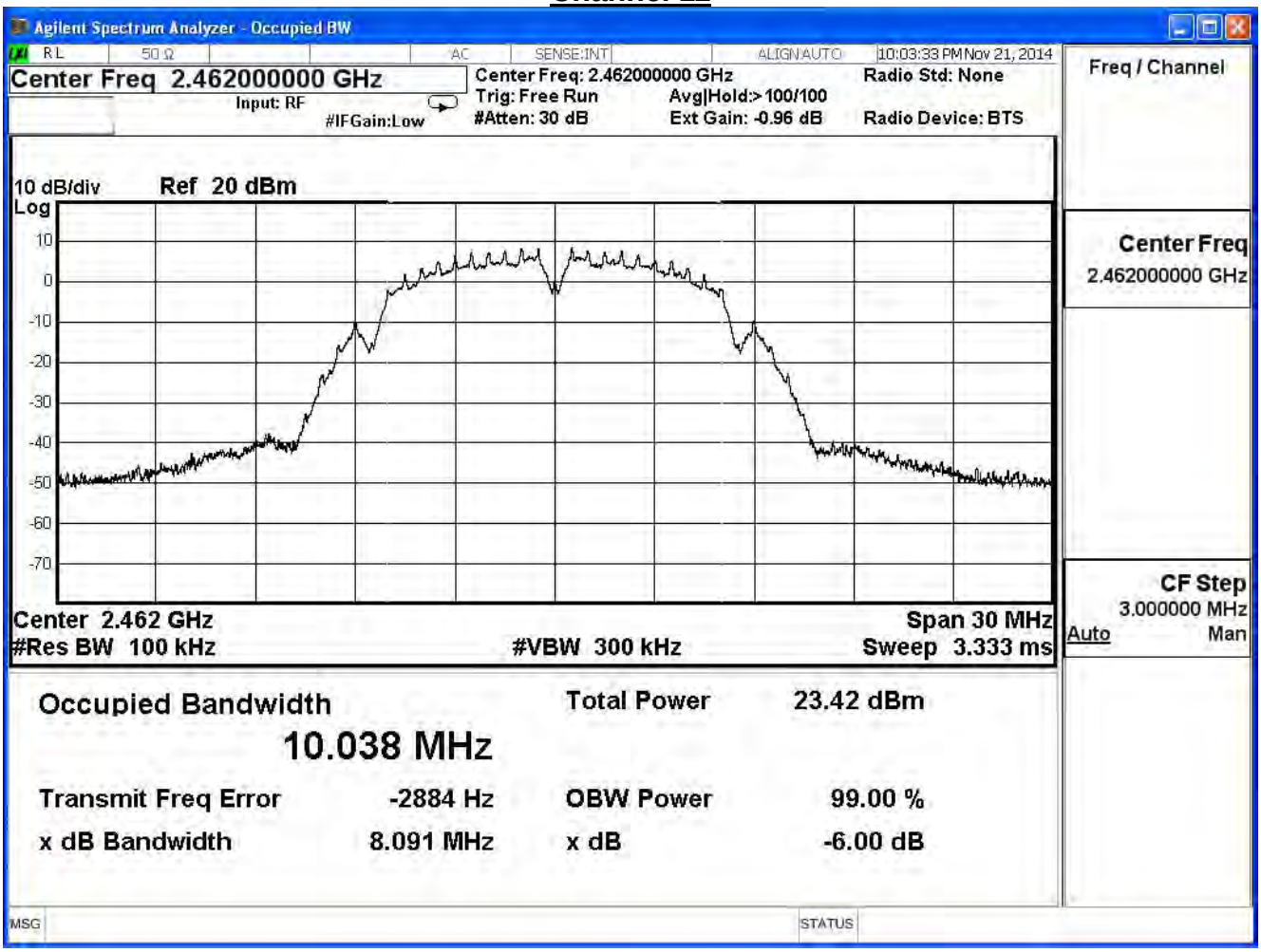
**Channel 1**



**Channel 6**


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:04:47 PM Nov 21, 2014
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -0.96 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 3.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
10.031 MHz
Total Power
24.60 dBm
Transmit Freq Error
254 Hz
OBW Power
99.00 %
x dB Bandwidth
8.066 MHz
x dB
-6.00 dB
MSG
STATUS

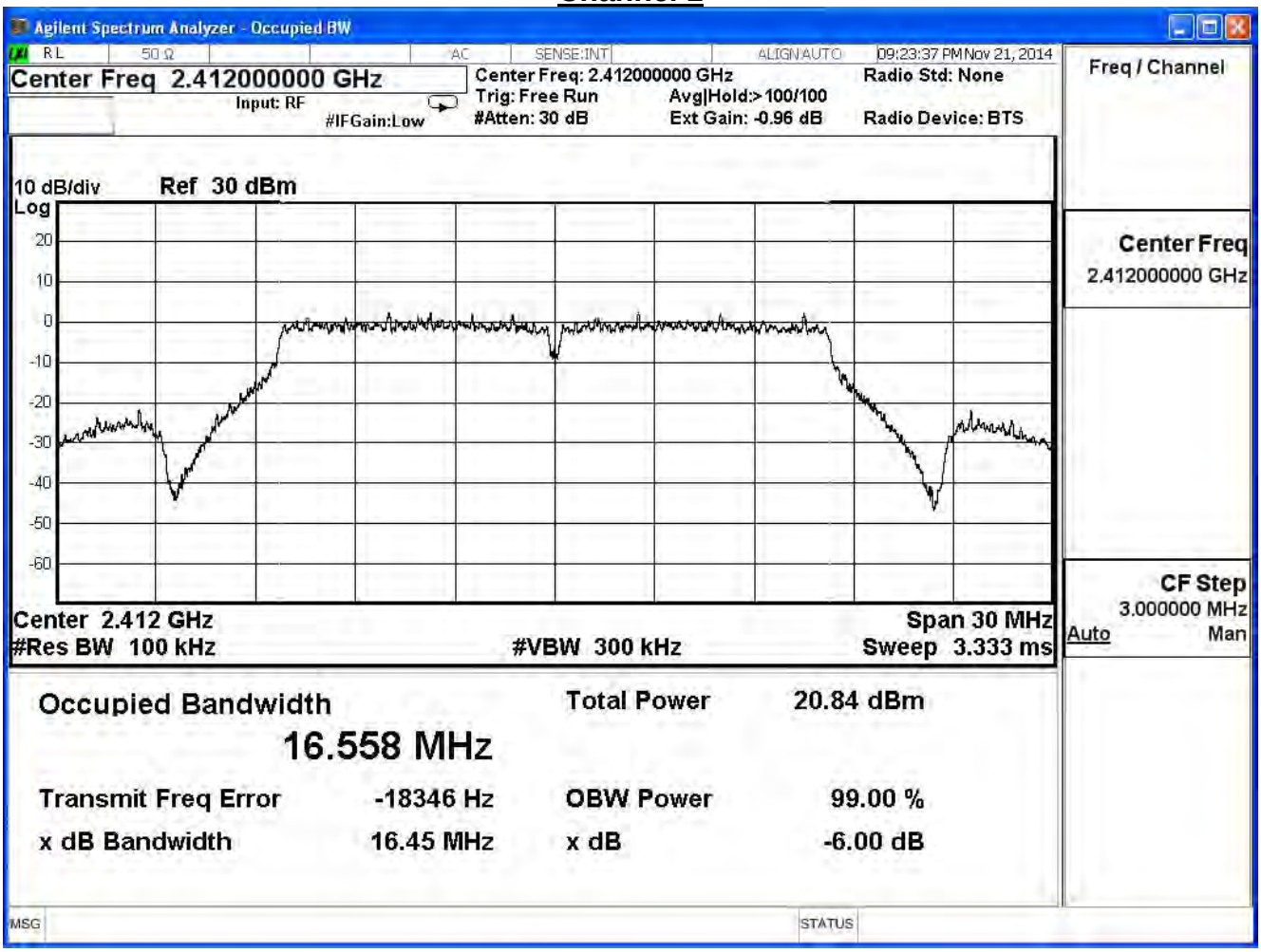
**Channel 11**


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:03:33 PM Nov 21, 2014
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -0.96 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 3.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
10.038 MHz
Total Power
23.42 dBm
Transmit Freq Error
-2884 Hz
OBW Power
99.00 %
x dB Bandwidth
8.091 MHz
x dB
-6.00 dB
MSG
STATUS

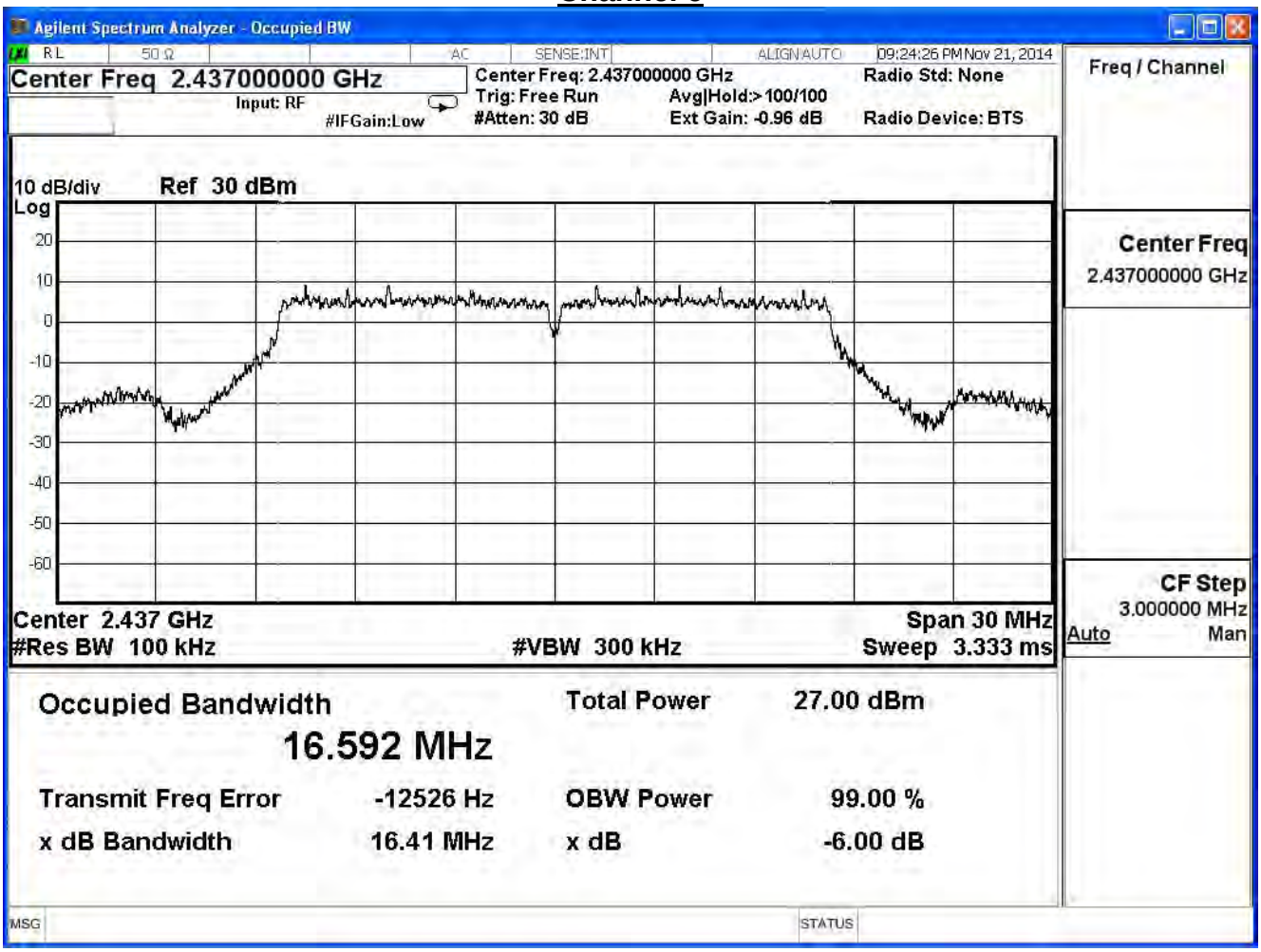
| | | | |
|---|---|---|---|
| Product | Gigabit Router Dual-band Wireless-N900 | | |
| Test Item | DTS Bandwidth | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/11/23 | Test Site | SR7 |

| IEEE 802.11g (ANT 0) | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
| 1 | 2412 | 16.450 | ≧0.5 | Pass |
| 6 | 2437 | 16.410 | ≧0.5 | Pass |
| 11 | 2462 | 16.470 | ≧0.5 | Pass |

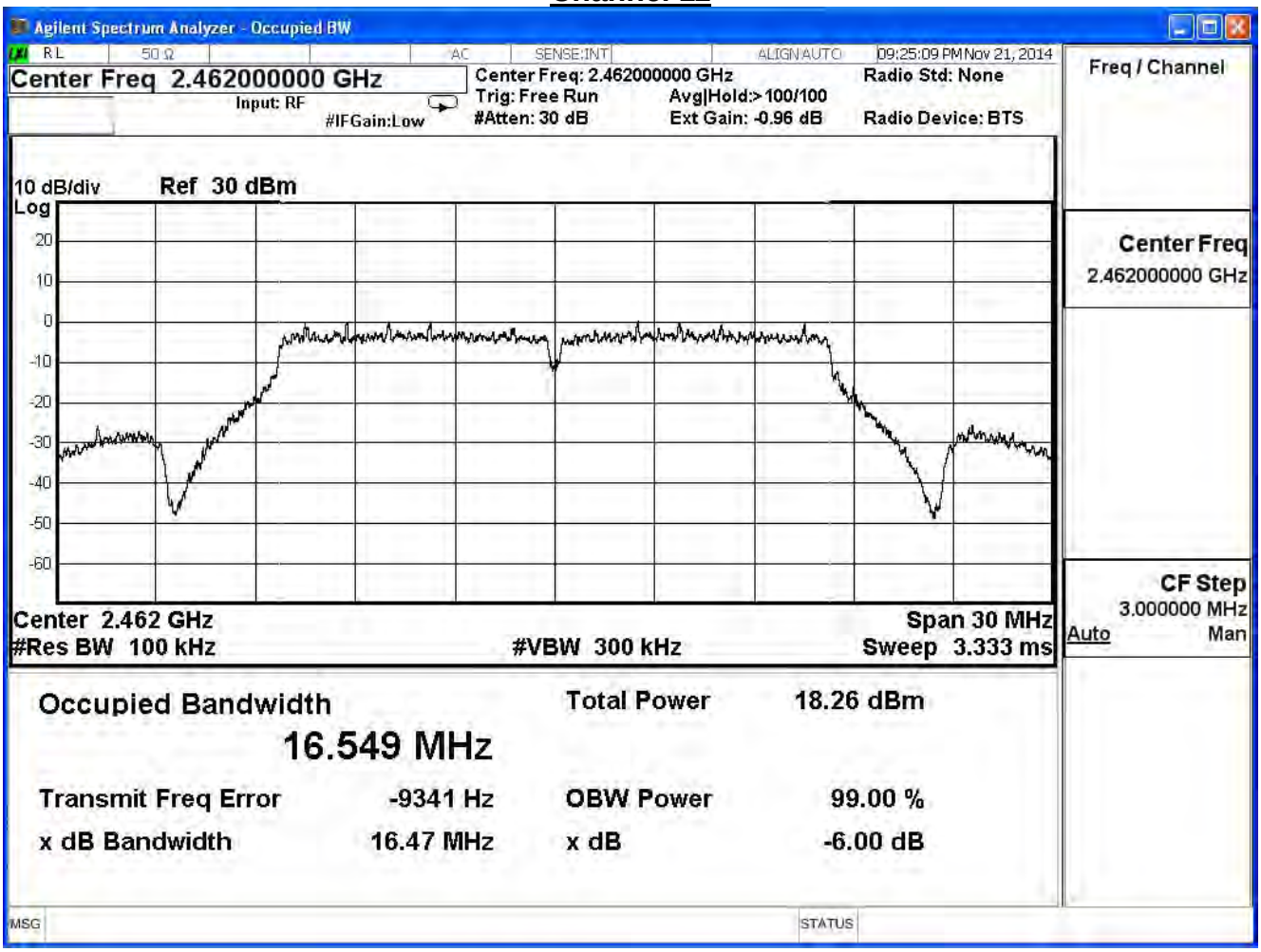
**Channel 1**



**Channel 6**


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:24:26 PM Nov 21, 2014
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -0.96 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 3.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
16.592 MHz
Total Power
27.00 dBm
Transmit Freq Error
-12526 Hz
OBW Power
99.00 %
x dB Bandwidth
16.41 MHz
x dB
-6.00 dB
MSG
STATUS

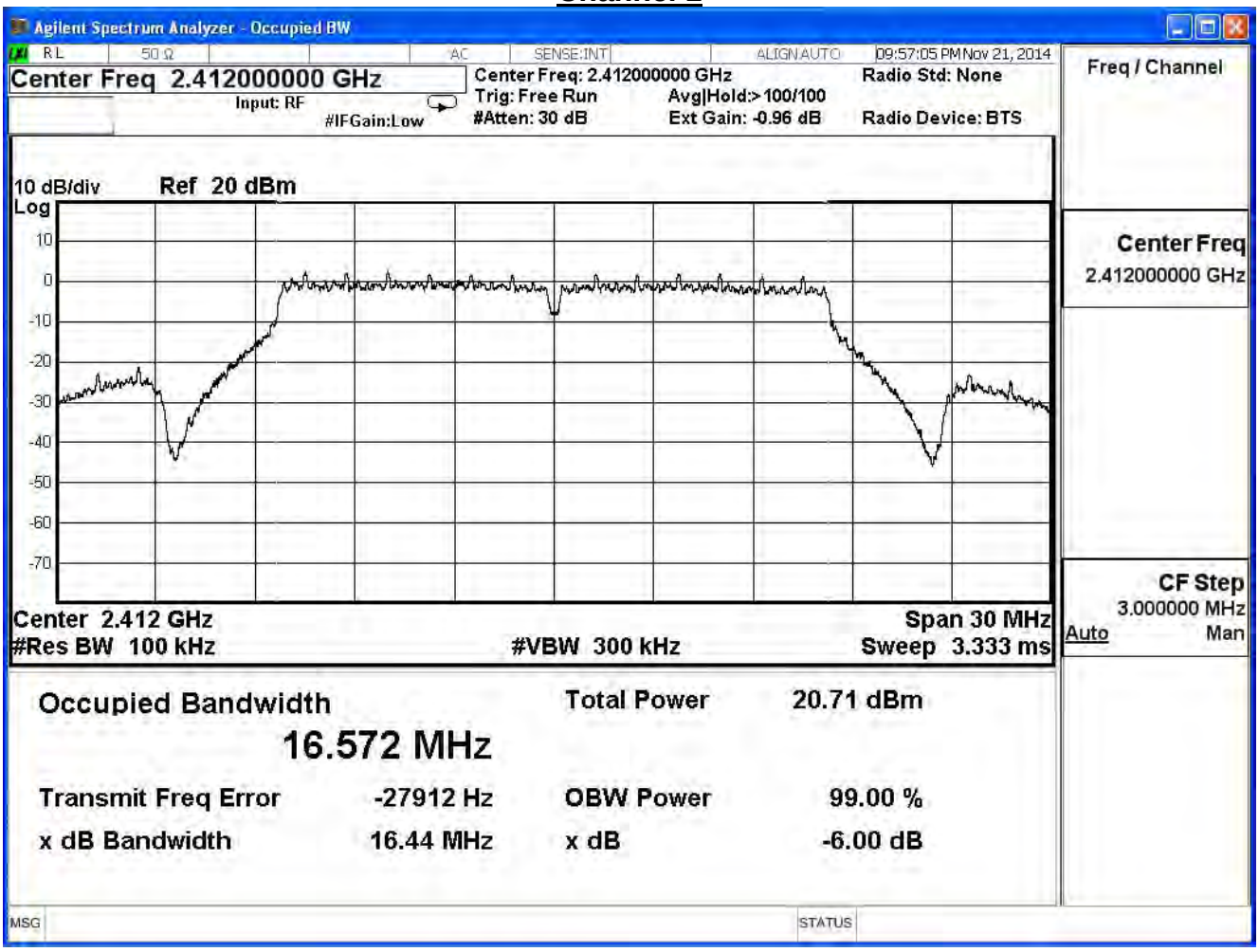
**Channel 11**


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:25:09 PM Nov 21, 2014
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -0.96 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 3.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
16.549 MHz
Total Power
18.26 dBm
Transmit Freq Error
-9341 Hz
OBW Power
99.00 %
x dB Bandwidth
16.47 MHz
x dB
-6.00 dB
MSG
STATUS

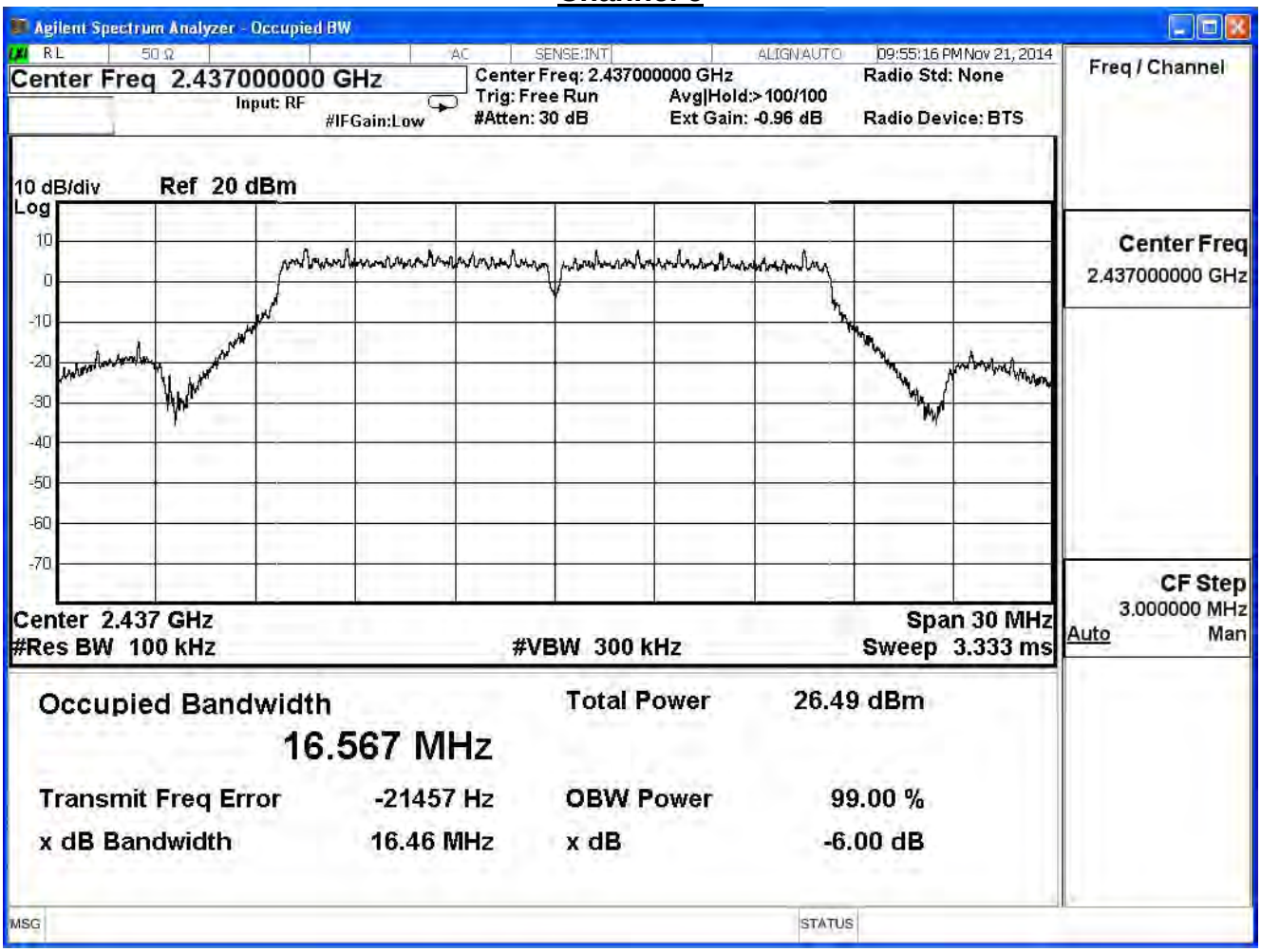
| | | | |
|---|---|---|---|
| Product | Gigabit Router Dual-band Wireless-N900 | | |
| Test Item | DTS Bandwidth | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/11/23 | Test Site | SR7 |

| IEEE 802.11g (ANT 1) | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
| 1 | 2412 | 16.440 | ≧0.5 | Pass |
| 6 | 2437 | 16.460 | ≧0.5 | Pass |
| 11 | 2462 | 16.460 | ≧0.5 | Pass |

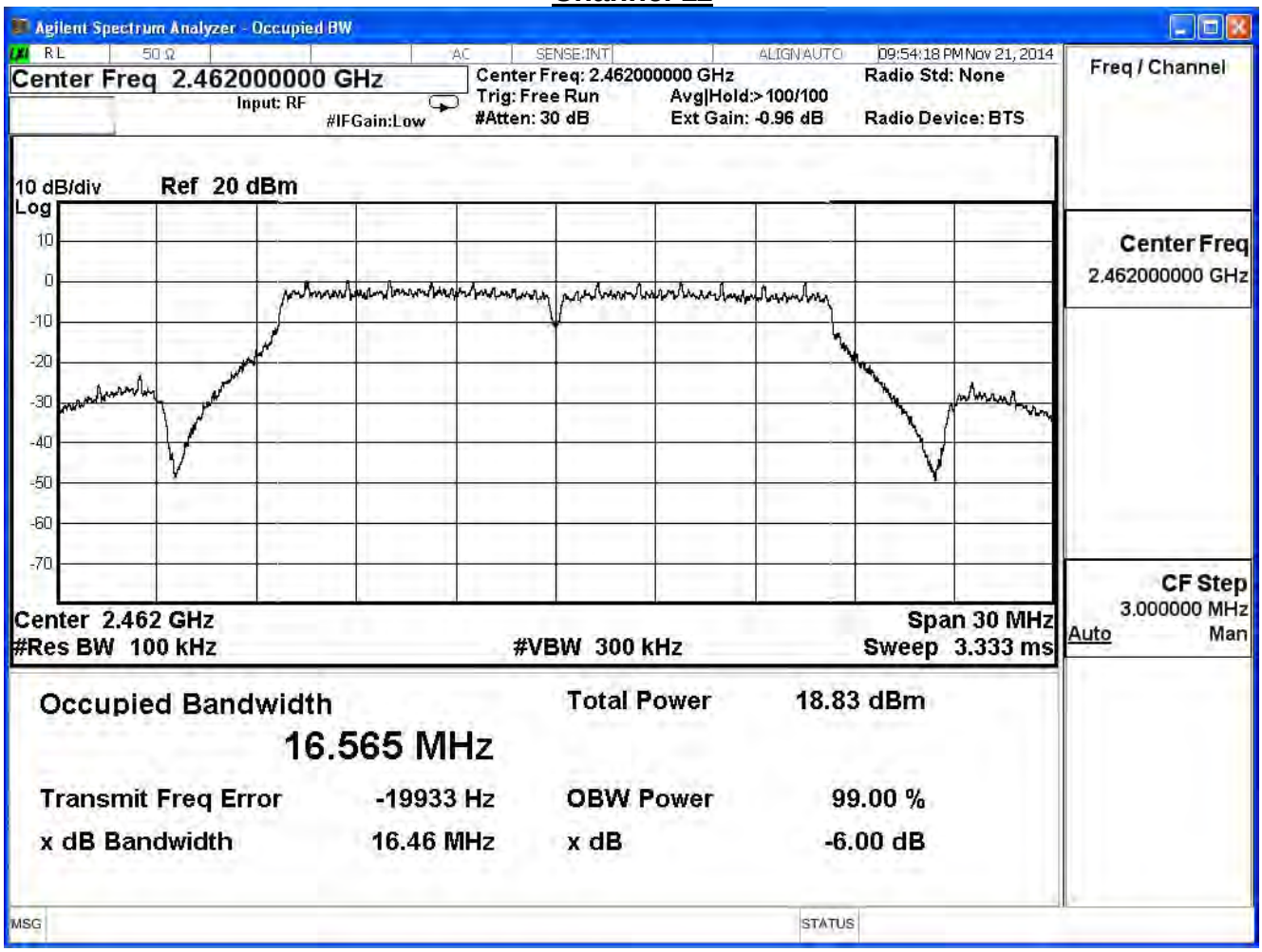
**Channel 1**



**Channel 6**


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:55:16 PM Nov 21, 2014
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -0.96 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 3.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
16.567 MHz
Total Power
26.49 dBm
Transmit Freq Error
-21457 Hz
OBW Power
99.00 %
x dB Bandwidth
16.46 MHz
x dB
-6.00 dB
MSG
STATUS

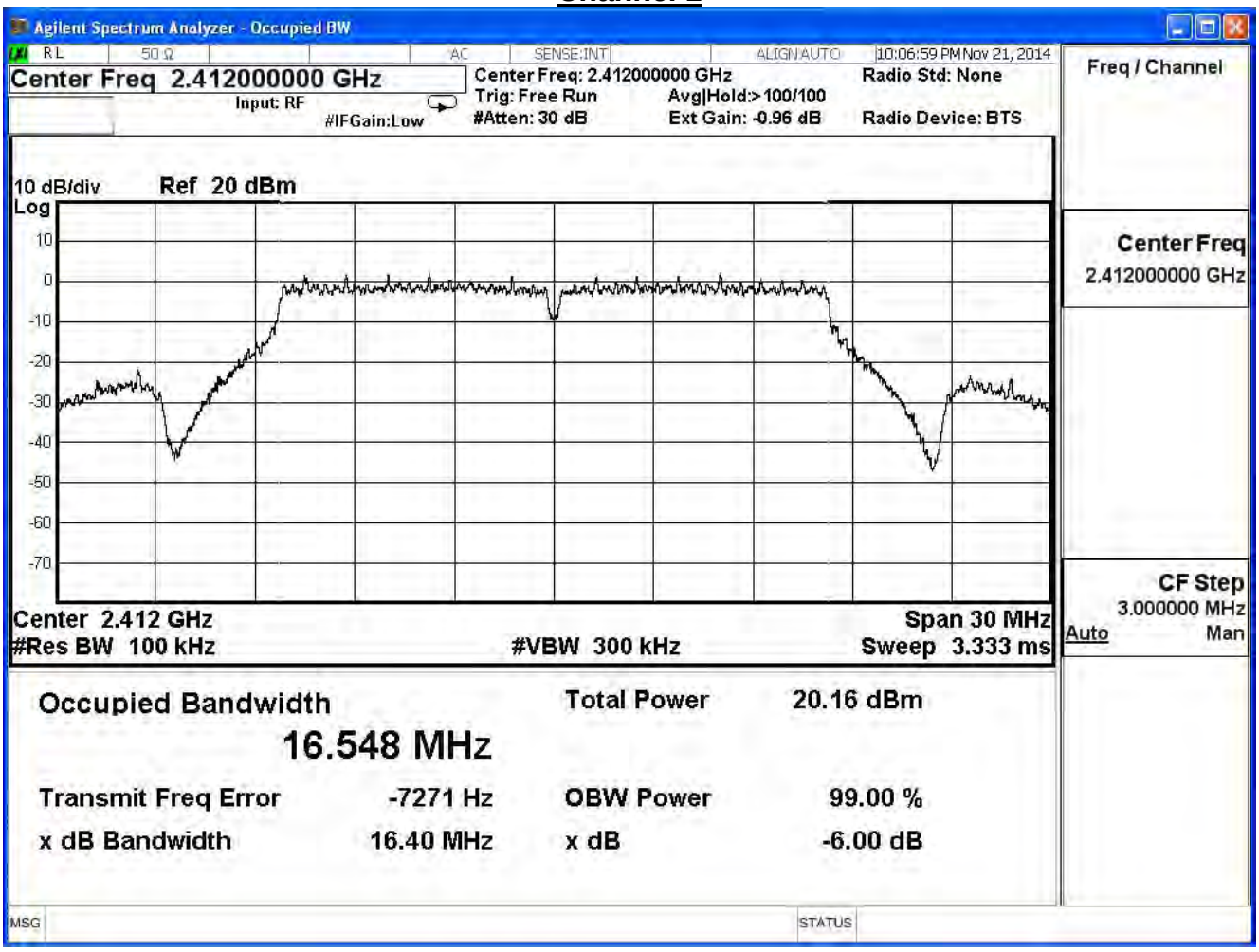
## Channel 11


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:54:18 PM Nov 21, 2014
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -0.96 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 3.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
16.565 MHz
Total Power
18.83 dBm
Transmit Freq Error
-19933 Hz
OBW Power
99.00 %
x dB Bandwidth
16.46 MHz
x dB
-6.00 dB
MSG
STATUS

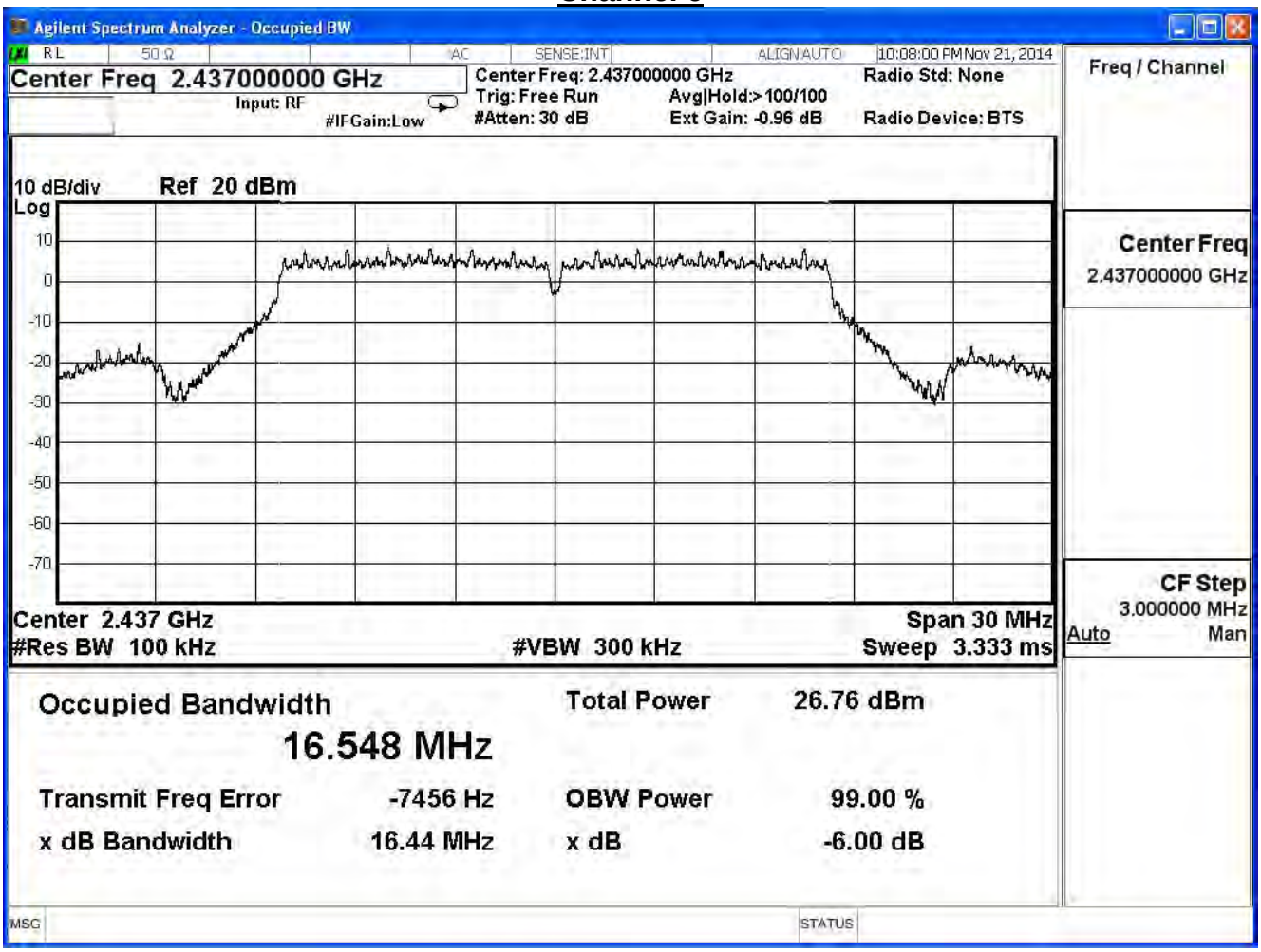
| Product | Gigabit Router Dual-band Wireless-N900 | | |
|---|---|---|---|
| Test Item | DTS Bandwidth | | |
| Test Mode | Mode 1: Transmit_AD82030 | | |
| Date of Test | 2014/11/23 | Test Site | SR7 |

| IEEE 802.11g (ANT 2) | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (MHz) | Limit (MHz) | Result |
| 1 | 2412 | 16.400 | ≧0.5 | Pass |
| 6 | 2437 | 16.440 | ≧0.5 | Pass |
| 11 | 2462 | 16.410 | ≧0.5 | Pass |

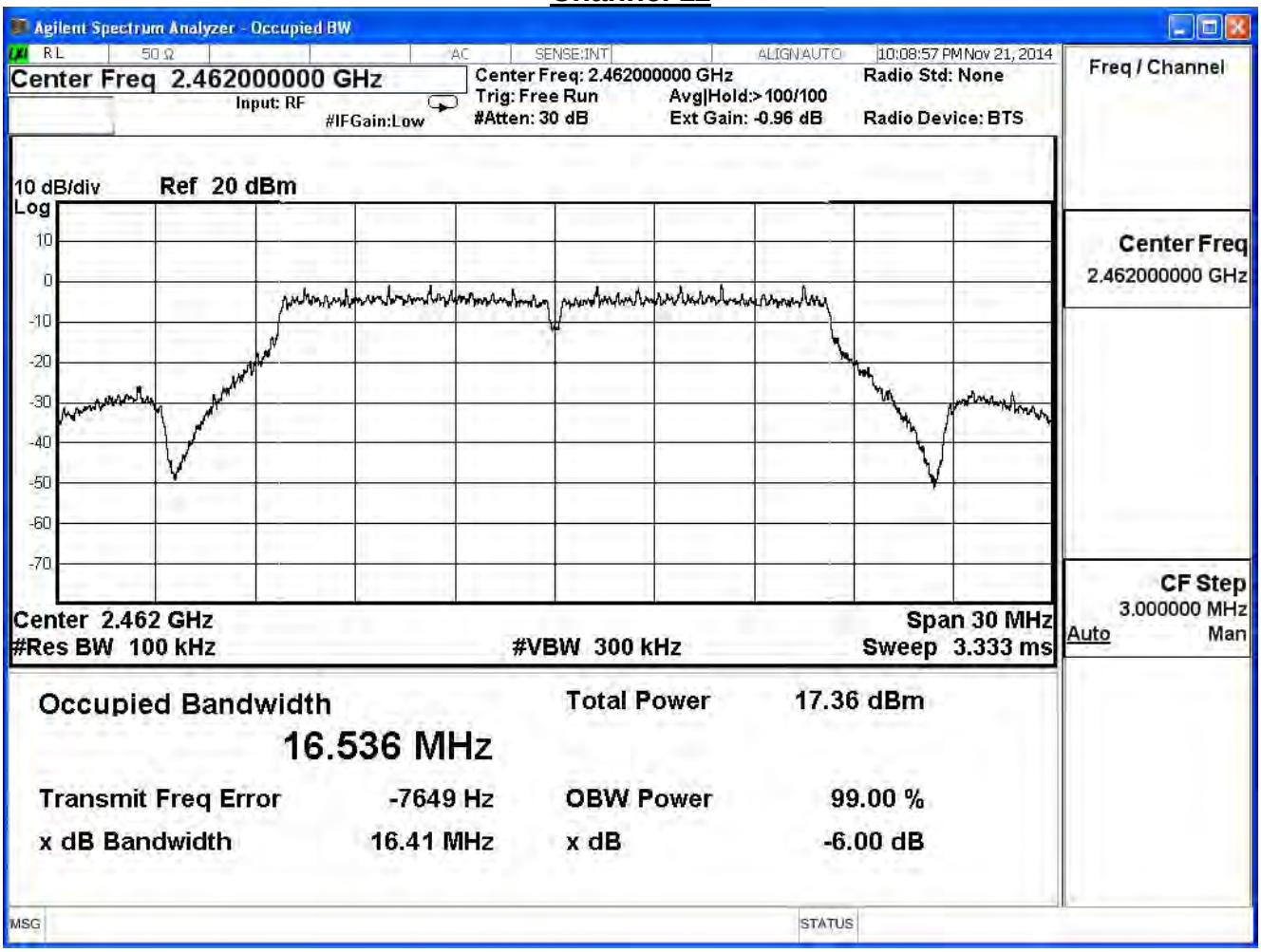
**Channel 1**



**Channel 6**


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:08:00 PM Nov 21, 2014
Center Freq 2.437000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -0.96 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.437000000 GHz
Center 2.437 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 3.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
16.548 MHz
Total Power
26.76 dBm
Transmit Freq Error
-7456 Hz
OBW Power
99.00 %
x dB Bandwidth
16.44 MHz
x dB
-6.00 dB
MSG
STATUS

**Channel 11**


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:08:57 PM Nov 21, 2014
Center Freq 2.462000000 GHz
Input: RF
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -0.96 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 20 dBm
10
0
-10
-20
-30
-40
-50
-60
-70
Center Freq
2.462000000 GHz
Center 2.462 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 3.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
16.536 MHz
Total Power
17.36 dBm
Transmit Freq Error
-7649 Hz
OBW Power
99.00 %
x dB Bandwidth
16.41 MHz
x dB
-6.00 dB
MSG
STATUS