

# Intermec Technologies Corporation

**Model: RC12**

**Tested to the following Specifications:**

**FCC 15.407:2010  
FCC 15.207:2010**

**Report No. INMC0575.3**

Report Prepared By



[www.nwemc.com](http://www.nwemc.com)  
1-888-EMI-CERT

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**EMC Test Report**



22975 NW Evergreen Parkway  
Suite 400  
Hillsboro, Oregon 97124

## Certificate of Test

Last Date of Test: August 11, 2010  
Intermec Technologies Corporation  
Model: RC12

| Emissions                        |                 |                  |           |
|----------------------------------|-----------------|------------------|-----------|
| Test Description                 | Specification   | Test Method      | Pass/Fail |
| Spurious Radiated Emissions      | FCC 15.407:2010 | ANSI C63.10:2009 | Pass      |
| Spurious Radiated Emissions      | FCC 15.209:2010 | ANSI C63.4:2003  | Pass      |
| Peak Power Spectral Density      | FCC 15.407:2010 | ANSI C63.10:2009 | Pass      |
| Peak Transmit Power              | FCC 15.407:2010 | ANSI C63.10:2009 | Pass      |
| Emission Bandwidth               | FCC 15.407:2010 | ANSI C63.10:2009 | Pass      |
| Peak Excursion                   | FCC 15.407:2010 | ANSI C63.10:2009 | Pass      |
| AC Powerline Conducted Emissions | FCC 15.207:2010 | ANSI C63.10:2009 | Pass      |
| Frequency Stability              | FCC 15.407:2010 | ANSI C63.10:2009 | Pass      |

### Modifications made to the product

See the Modifications section of this report

### Test Facility

The measurement facility used to collect the data is located at:

Northwest EMC, Inc.  
22975 NW Evergreen Parkway, Suite 400  
Hillsboro, OR 97124

Phone: (503) 844-4066 Fax: 844-3826

This site has been fully described in a report filed with and accepted by the FCC (Federal Communications Commission) and Industry Canada (Site filing #2834D-2).

Approved By:

Don Facteau, IS Manager



NVLAP Lab Code: 200630-0

*This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government of the United States of America.*

*Product compliance is the responsibility of the client, therefore the tests and equipment modes of operation represented in this report were agreed upon by the client, prior to testing. This Report may only be duplicated in its entirety. The results of this test pertain only to the sample(s) tested. The specific description is noted in each of the individual sections of the test report supporting this certificate of test.*

| Revision Number | Description | Date | Page Number |
|-----------------|-------------|------|-------------|
| 00              | None        |      |             |

**Barometric Pressure**

The recorded barometric pressure has been normalized to sea level.



# Accreditations and Authorizations

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## FCC

Accredited by NVLAP for performance of FCC radio, digital, and ISM device testing. Our Open Area Test Sites, certification chambers, and conducted measurement facilities have been fully described in reports filed with the FCC and accepted by the FCC in letters maintained in our files. Northwest EMC has been accredited by ANSI to ISO / IEC Guide 65 as a product certifier. We have been designated by the FCC as a Telecommunications Certification Body (TCB). This allows Northwest EMC to certify transmitters to FCC specifications in accordance with 47 CFR 2.960 and 2.962.



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## NVLAP

Northwest EMC, Inc. is accredited under the United States Department of Commerce, National Institute of Standards and Technology, and National Voluntary Laboratory Accreditation Program for satisfactory compliance with the requirements of ISO/IEC 17025 for Testing Laboratories. The NVLAP accreditation encompasses Electromagnetic Compatibility Testing in accordance with the European Union EMC Directive 2004/108/EC, and ANSI C63.4. Additionally, Northwest EMC is accredited by NVLAP to perform radio testing in accordance with the European Union R&TTE Directive 1999/5/EEC, the requirements of FCC, and the RSS radio standards for Industry Canada.



NVLAP LAB CODE 200629-0  
NVLAP LAB CODE 200630-0  
NVLAP LAB CODE 200676-0  
NVLAP LAB CODE 200761-0  
NVLAP LAB CODE 200881-0

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## Industry Canada

Accredited by NVLAP for performance of Industry Canada RSS and ICES testing. Our Open Area Test Sites and certification chambers comply with RSS-Gen, Issue 2 and have been filed with Industry Canada and accepted. Northwest EMC has been accredited by ANSI to ISO / IEC Guide 65 as a product certifier. We have been designated by NIST and recognized by Industry Canada as a Certification Body (CB) per the APEC Mutual Recognition Arrangement (MRA). This allows Northwest EMC to certify transmitters to Industry Canada technical requirements. (*Site Filing Numbers - Hillsboro: 2834D-1, 2834D-2, Sultan: 2834C-1, Irvine: 2834B-1, 2834B-2, Brooklyn Park: 2834E-1*)



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## CAB

Designated by NIST and validated by the European Commission as a Conformity Assessment Body (CAB) to conduct tests and approve products to the EMC directive and transmitters to the R&TTE directive, as described in the U.S. - EU Mutual Recognition Agreement.



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## NEMKO

Assessed and accredited by NEMKO (Norwegian testing and certification body) for European emissions and immunity testing. As a result of NEMKO's laboratory assessment, they will accept test results from Northwest EMC, Inc. for product certification (Authorization No. ELA 119).



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## Australia/New Zealand

The National Association of Testing Authorities (NATA), Australia has been appointed by the ACA as an accreditation body to accredit test laboratories and competent bodies for EMC standards. Accredited test reports or assessments by competent bodies must carry the NATA logo. Test reports made by an overseas laboratory that has been accredited for the relevant standards by an overseas accreditation body that has a Mutual Recognition Agreement (MRA) with NATA are also accepted as technical grounds for product conformity. The report should be endorsed with the respective logo of the accreditation body (NVLAP).



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## VCCI

Accepted as an Associate Member to the VCCI, Acceptance No. 564. Conducted and radiated measurement facilities have been registered in accordance with Regulations for Voluntary Control Measures, Article 8. (Registration Numbers. - Hillsboro: C-1071, R-1025, G-84, C-2687, T-1658, and R-2318, Irvine: R-1943, G-85, C-2766, and T-1659, Sultan: R-871, G-83, C-1784, and T-1511, Brooklyn Park: R-3125, G-86, G-141, C-3464, and T-1634).



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## BSMI

Northwest EMC has been designated by NIST and validated by C-Taipei (BSMI) as a CAB to conduct tests as described in the APEC Mutual Recognition Agreement (US0017). License No.SL2-IN-E-1017.



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## GOST

Northwest EMC, Inc. has been assessed and accredited by the Russian Certification bodies Certinform VNIINMASH, CERTINFO, SAMTES, and Federal CHEC, to perform EMC and Hygienic testing for Information Technology Products. As a result of their laboratory assessment, they will accept test results from Northwest EMC, Inc. for product certification



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## KCC

Northwest EMC, Inc is a CAB designated by MRA partners and recognized by Korea. (Assigned Lab Numbers: Hillsboro: US0017, Irvine: US0158, Sultan: US0157)



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## VIETNAM

Vietnam MIC has approved Northwest EMC as an accredited test lab. Per Decision No. 194/QD-QLCL (dated December 15, 2009), Northwest EMC test reports can be used for Vietnam approval submissions.



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## SCOPE

For details on the Scopes of our Accreditations, please visit:

<http://www.nwemc.com/accreditations/>



## Northwest EMC Locations



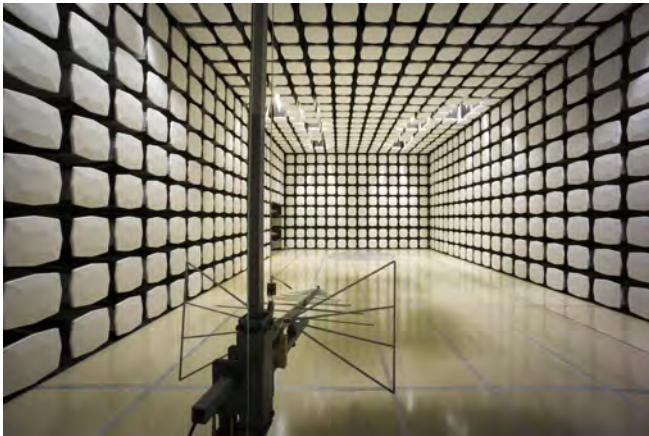
Oregon  
Labs EV01-EV12  
22975 NW Evergreen Pkwy  
Suite 400  
Hillsboro, OR 97124  
(503) 844-4066

California  
Labs OC01-OC13  
41 Tesla  
Irvine, CA 92618  
(949) 861-8918

Minnesota  
Labs MN01-MN08  
9349 W Broadway Ave.  
Brooklyn Park,  
MN 55445  
(763) 425-2281

Washington  
Labs SU01-SU07  
14128 339<sup>th</sup> Ave. SE  
Sultan, WA 98294  
(360) 793-8675

New York  
Labs WA01-WA04  
4939 Jordan Rd.  
Elbridge, NY 13060  
(315) 685-0796





**Party Requesting the Test**

|                                 |                                   |
|---------------------------------|-----------------------------------|
| <b>Company Name:</b>            | Intermec Technologies Corporation |
| <b>Address:</b>                 | 6001 36th Avenue West             |
| <b>City, State, Zip:</b>        | Everett, WA 98203-1264            |
| <b>Test Requested By:</b>       | Wayne Rieger                      |
| <b>Model:</b>                   | RC12                              |
| <b>First Date of Test:</b>      | August 11, 2010                   |
| <b>Last Date of Test:</b>       | August 11, 2010                   |
| <b>Receipt Date of Samples:</b> | July 27, 2010                     |
| <b>Equipment Design Stage:</b>  | Production                        |
| <b>Equipment Condition:</b>     | No Damage                         |

**Information Provided by the Party Requesting the Test****Functional Description of the EUT (Equipment Under Test):**

One combination 802.11a/b/g/n - Bluetooth radio seeking modular approval.

**Testing Objective:**

Seeking to demonstrate compliance of the 802.11a/b/g/n portion of the radio module to FCC 15.407 specifications in the 5.2, 5.3, and 5.6 bands.

**CONFIGURATION 1 INMC0575****Software/Firmware Running during test**

| Description          | Version          |
|----------------------|------------------|
| Regulatory Test Tool | RTT_1.01.00.0007 |

**EUT**

| Description                                   | Manufacturer                      | Model/Part Number | Serial Number |
|-----------------------------------------------|-----------------------------------|-------------------|---------------|
| Galileo 802.11abgn and Bluetooth radio module | Intermec Technologies Corporation | ES5               | R14           |

**Peripherals in test setup boundary**

| Description                  | Manufacturer                           | Model/Part Number | Serial Number |
|------------------------------|----------------------------------------|-------------------|---------------|
| Shuttle Board                | Intermec Technologies Corporation      | 145-375-001       | None          |
| AC Adapter                   | Intermec Technologies Corporation      | 074749            | None          |
| Laird PIFA Antenna           | Laird                                  | CAF94400          | None          |
| Modular Antenna PCB Assembly | Centurion Wireless Technologies, Inc.  | CAF94337          | None          |
| Power Supply                 | Topward Electric Instruments Co., LTD. | TPS-2000          | 946425        |

**Remote Equipment Outside of Test Setup Boundary**

| Description | Manufacturer | Model/Part Number | Serial Number |
|-------------|--------------|-------------------|---------------|
| Remote PC   | Dell         | Latitude D600     | 3XJ3H51       |

**Cables**

| Cable Type                                                                                             | Shield | Length (m) | Ferrite | Connection 1  | Connection 2  |
|--------------------------------------------------------------------------------------------------------|--------|------------|---------|---------------|---------------|
| DC power                                                                                               | PA     | 1.85m      | PA      | AC Adapter    | Shuttle Board |
| USB                                                                                                    | Yes    | 5.0m       | No      | Shuttle Board | Remote PC     |
| PA = Cable is permanently attached to the device. Shielding and/or presence of ferrite may be unknown. |        |            |         |               |               |



**CONFIGURATION 2 INMC0575****Software/Firmware Running during test**

| Description          | Version          |
|----------------------|------------------|
| Regulatory Test Tool | RTT_1.01.00.0007 |

**EUT**

| Description                                   | Manufacturer                      | Model/Part Number | Serial Number |
|-----------------------------------------------|-----------------------------------|-------------------|---------------|
| Galileo 802.11abgn and Bluetooth radio module | Intermec Technologies Corporation | ES5               | R11           |

**Peripherals in test setup boundary**

| Description                  | Manufacturer                           | Model/Part Number | Serial Number |
|------------------------------|----------------------------------------|-------------------|---------------|
| Shuttle Board                | Intermec Technologies Corporation      | 145-375-001       | None          |
| AC Adapter                   | Intermec Technologies Corporation      | 074749            | None          |
| Laird PIFA Antenna           | Laird                                  | CAF94400          | None          |
| Modular Antenna PCB Assembly | Centurion Wireless Technologies, Inc.  | CAF94337          | None          |
| Power Supply                 | Topward Electric Instruments Co., LTD. | TPS-2000          | 946425        |

**Remote Equipment Outside of Test Setup Boundary**

| Description | Manufacturer | Model/Part Number | Serial Number |
|-------------|--------------|-------------------|---------------|
| Remote PC   | Dell         | Inspiron 6000     | NW EMC IS386  |

**Cables**

| Cable Type                                                                                             | Shield | Length (m) | Ferrite | Connection 1  | Connection 2  |
|--------------------------------------------------------------------------------------------------------|--------|------------|---------|---------------|---------------|
| DC power                                                                                               | PA     | 1.85m      | PA      | AC Adapter    | Shuttle Board |
| USB                                                                                                    | Yes    | 3.0m       | No      | Shuttle Board | Remote PC     |
| PA = Cable is permanently attached to the device. Shielding and/or presence of ferrite may be unknown. |        |            |         |               |               |

**CONFIGURATION 3 INMC0575****Software/Firmware Running during test**

| Description          | Version          |
|----------------------|------------------|
| Regulatory Test Tool | RTT_1.01.00.0007 |

**EUT**

| Description                                   | Manufacturer                      | Model/Part Number | Serial Number |
|-----------------------------------------------|-----------------------------------|-------------------|---------------|
| Galileo 802.11abgn and Bluetooth radio module | Intermec Technologies Corporation | ES5               | R11           |

**Peripherals in test setup boundary**

| Description                  | Manufacturer                           | Model/Part Number | Serial Number |
|------------------------------|----------------------------------------|-------------------|---------------|
| Shuttle Board                | Intermec Technologies Corporation      | 145-375-001       | None          |
| Laird PIFA Antenna           | Laird                                  | CAF94400          | None          |
| Modular Antenna PCB Assembly | Centurion Wireless Technologies, Inc.  | CAF94337          | None          |
| Power Supply                 | Topward Electric Instruments Co., LTD. | TPS-2000          | 946425        |

**Remote Equipment Outside of Test Setup Boundary**

| Description | Manufacturer | Model/Part Number | Serial Number |
|-------------|--------------|-------------------|---------------|
| Remote PC   | Dell         | Inspiron 6000     | NW EMC IS386  |

**Cables**

| Cable Type                                                                                             | Shield | Length (m) | Ferrite | Connection 1  | Connection 2  |
|--------------------------------------------------------------------------------------------------------|--------|------------|---------|---------------|---------------|
| DC power                                                                                               | PA     | 0.55m      | PA      | Power Supply  | Shuttle Board |
| AC power                                                                                               | No     | 1.0m       | No      | Power Supply  | AC Mains      |
| USB                                                                                                    | Yes    | 3.0m       | No      | Shuttle Board | Remote PC     |
| PA = Cable is permanently attached to the device. Shielding and/or presence of ferrite may be unknown. |        |            |         |               |               |

| Equipment modifications |           |                                  |                                      |                                                                     |                                                   |
|-------------------------|-----------|----------------------------------|--------------------------------------|---------------------------------------------------------------------|---------------------------------------------------|
| Item                    | Date      | Test                             | Modification                         | Note                                                                | Disposition of EUT                                |
| 1                       | 8/3/2010  | Emission Bandwidth               | Tested as delivered to Test Station. | No EMI suppression devices were added or modified during this test. | EUT remained at Northwest EMC following the test. |
| 2                       | 8/3/2010  | Peak Transmit Power              | Tested as delivered to Test Station. | No EMI suppression devices were added or modified during this test. | EUT remained at Northwest EMC following the test. |
| 3                       | 8/4/2010  | Peak Power Spectral Density      | Tested as delivered to Test Station. | No EMI suppression devices were added or modified during this test. | EUT remained at Northwest EMC following the test. |
| 4                       | 8/5/2010  | Peak Excursion                   | Tested as delivered to Test Station. | No EMI suppression devices were added or modified during this test. | EUT remained at Northwest EMC following the test. |
| 5                       | 8/5/2010  | Spurious Radiated Emissions      | Tested as delivered to Test Station. | No EMI suppression devices were added or modified during this test. | EUT remained at Northwest EMC following the test. |
| 6                       | 8/9/2010  | Frequency Stability              | Tested as delivered to Test Station. | No EMI suppression devices were added or modified during this test. | EUT remained at Northwest EMC following the test. |
| 7                       | 8/11/2010 | AC Powerline Conducted Emissions | Tested as delivered to Test Station. | No EMI suppression devices were added or modified during this test. | Scheduled testing was completed.                  |

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

#### TEST EQUIPMENT

| Description                     | Manufacturer     | Model    | ID  | Last Cal.  | Interval |
|---------------------------------|------------------|----------|-----|------------|----------|
| Spectrum Analyzer               | Agilent          | E4440A   | AFD | 6/1/2009   | 24       |
| Attenuator 20 dB, SMA M/F 26GHz | S.M. Electronics | SA26B-20 | AUY | 7/21/2009  | 13       |
| 26 GHz DC Block, SMA            | Pasternack       | PE8210   | AME | 10/19/2009 | 13       |
| EV06 Direct Connect Cable       | ESM Cable Corp.  | TT       | ECA | NCR        | 0        |

#### MEASUREMENT UNCERTAINTY

A measurement uncertainty estimation has been performed for each test per our internal quality document WP 342. The estimation is used to compare the measured result with its "true" or theoretically correct value. The expanded measurement uncertainty for radiated emissions measurements is less than +/- 4 dB, and for conducted emissions measurements is less than +/- 2.7 dB. Our measurement data meets or exceeds the measurement uncertainty requirements of CISPR 16-4; therefore, the test data can be compared directly to the specification limit to determine compliance. The calculations for measurement uncertainty are available upon request.

#### TEST DESCRIPTION

The transmit frequency was set to the lowest, a medium, and the highest channels in each band. The transmit power was set to its default maximum. The lowest, a medium, and the highest data rates were measured if available. A direct connection was made between the RF output of the EUT and a spectrum analyzer. Attenuation and a DC block were used.

The spectrum analyzer settings were as follows:

- Span = approximately 1.5 to 2 times the emission bandwidth, centered on the transmit channel.
- RBW = Approx. 1% of the emission bandwidth (B). This was an iterative process where an exact match of 1% may not be achieved. The largest value of RBW that came close to 1% of the emission bandwidth was used.
- A peak detector was used.

The PSA occupied bandwidth measurement function was used to measure the -26 dB emission bandwidth.

## EMC

## EMISSION BANDWIDTH

|                |                                   |                   |           |
|----------------|-----------------------------------|-------------------|-----------|
| EUT:           | RC12                              | Work Order:       | INMC0575  |
| Serial Number: | R11                               | Date:             | 08/03/10  |
| Customer:      | Intermec Technologies Corporation | Temperature:      | 22°C      |
| Attendees:     | None                              | Humidity:         | 36%       |
| Project:       | None                              | Barometric Pres.: | 1013.0 mb |
| Tested by:     | Rod Peloquin                      | Power:            | 5VDC      |
|                |                                   | Job Site:         | EV06      |

|                     |                  |
|---------------------|------------------|
| TEST SPECIFICATIONS | Test Method      |
| FCC 15.407:2010     | ANSI C63.10:2009 |

|          |
|----------|
| COMMENTS |
| None     |

|                               |
|-------------------------------|
| DEVIATIONS FROM TEST STANDARD |
| No Deviations                 |

|                 |   |                                                                                             |
|-----------------|---|---------------------------------------------------------------------------------------------|
| Configuration # | 2 | Signature  |
|-----------------|---|---------------------------------------------------------------------------------------------|

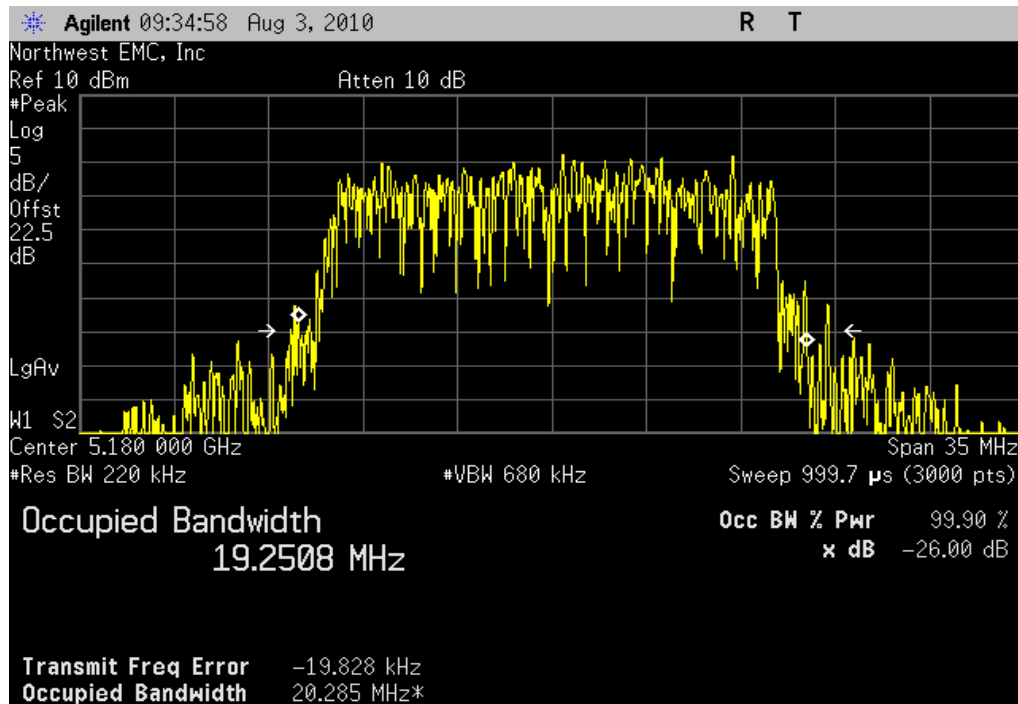
|                   |                           | Value      | Limit | Results |
|-------------------|---------------------------|------------|-------|---------|
| 802.11(a) 6 Mbps  |                           |            |       |         |
|                   | 5150 - 5250 MHz Band      |            |       |         |
|                   | Channel 36, Low Channel   | 20.285 MHz | N/A   | N/A     |
|                   | Channel 48, High Channel  | 20.349 MHz | N/A   | N/A     |
|                   | 5250 - 5350 MHz Band      |            |       |         |
|                   | Channel 52, Low Channel   | 20.280 MHz | N/A   | N/A     |
|                   | Channel 64, High Channel  | 20.253 MHz | N/A   | N/A     |
|                   | 5470 - 5725 MHz Band      |            |       |         |
|                   | Channel 100, Low Channel  | 20.271 MHz | N/A   | N/A     |
|                   | Channel 116, Mid Channel  | 20.384 MHz | N/A   | N/A     |
|                   | Channel 140, High Channel | 20.306 MHz | N/A   | N/A     |
| 802.11(a) 36 Mbps |                           |            |       |         |
|                   | 5150 - 5250 MHz Band      |            |       |         |
|                   | Channel 36, Low Channel   | 19.753 MHz | N/A   | N/A     |
|                   | Channel 48, High Channel  | 19.838 MHz | N/A   | N/A     |
|                   | 5250 - 5350 MHz Band      |            |       |         |
|                   | Channel 52, Low Channel   | 19.848 MHz | N/A   | N/A     |
|                   | Channel 64, High Channel  | 19.928 MHz | N/A   | N/A     |
|                   | 5470 - 5725 MHz Band      |            |       |         |
|                   | Channel 100, Low Channel  | 19.945 MHz | N/A   | N/A     |
|                   | Channel 116, Mid Channel  | 19.599 MHz | N/A   | N/A     |
|                   | Channel 140, High Channel | 19.583 MHz | N/A   | N/A     |
| 802.11(a) 54 Mbps |                           |            |       |         |
|                   | 5150 - 5250 MHz Band      |            |       |         |
|                   | Channel 36, Low Channel   | 19.732 MHz | N/A   | N/A     |
|                   | Channel 48, High Channel  | 19.467 MHz | N/A   | N/A     |
|                   | 5250 - 5350 MHz Band      |            |       |         |
|                   | Channel 52, Low Channel   | 19.922 MHz | N/A   | N/A     |
|                   | Channel 64, High Channel  | 19.564 MHz | N/A   | N/A     |
|                   | 5470 - 5725 MHz Band      |            |       |         |
|                   | Channel 100, Low Channel  | 19.513 MHz | N/A   | N/A     |
|                   | Channel 116, Mid Channel  | 19.627 MHz | N/A   | N/A     |
|                   | Channel 140, High Channel | 19.631 MHz | N/A   | N/A     |
| 802.11(n) MCS0    |                           |            |       |         |
|                   | 5150 - 5250 MHz Band      |            |       |         |
|                   | Channel 36, Low Channel   | 21.154 MHz | N/A   | N/A     |
|                   | Channel 48, High Channel  | 21.314 MHz | N/A   | N/A     |
|                   | 5250 - 5350 MHz Band      |            |       |         |
|                   | Channel 52, Low Channel   | 21.327 MHz | N/A   | N/A     |
|                   | Channel 64, High Channel  | 21.221 MHz | N/A   | N/A     |
|                   | 5470 - 5725 MHz Band      |            |       |         |
|                   | Channel 100, Low Channel  | 21.045 MHz | N/A   | N/A     |
|                   | Channel 116, Mid Channel  | 20.971 MHz | N/A   | N/A     |
|                   | Channel 140, High Channel | 21.039 MHz | N/A   | N/A     |
| 802.11(n) MCS7    |                           |            |       |         |
|                   | 5150 - 5250 MHz Band      |            |       |         |
|                   | Channel 36, Low Channel   | 20.423 MHz | N/A   | N/A     |
|                   | Channel 48, High Channel  | 20.704 MHz | N/A   | N/A     |
|                   | 5250 - 5350 MHz Band      |            |       |         |
|                   | Channel 52, Low Channel   | 20.324 MHz | N/A   | N/A     |
|                   | Channel 64, High Channel  | 20.369 MHz | N/A   | N/A     |
|                   | 5470 - 5725 MHz Band      |            |       |         |
|                   | Channel 100, Low Channel  | 20.458 MHz | N/A   | N/A     |
|                   | Channel 116, Mid Channel  | 20.254 MHz | N/A   | N/A     |
|                   | Channel 140, High Channel | 20.459 MHz | N/A   | N/A     |

802.11(a) 6 Mbps, 5150 - 5250 MHz Band, Channel 36, Low Channel

Result: N/A

Value: 20.285 MHz

Limit: N/A

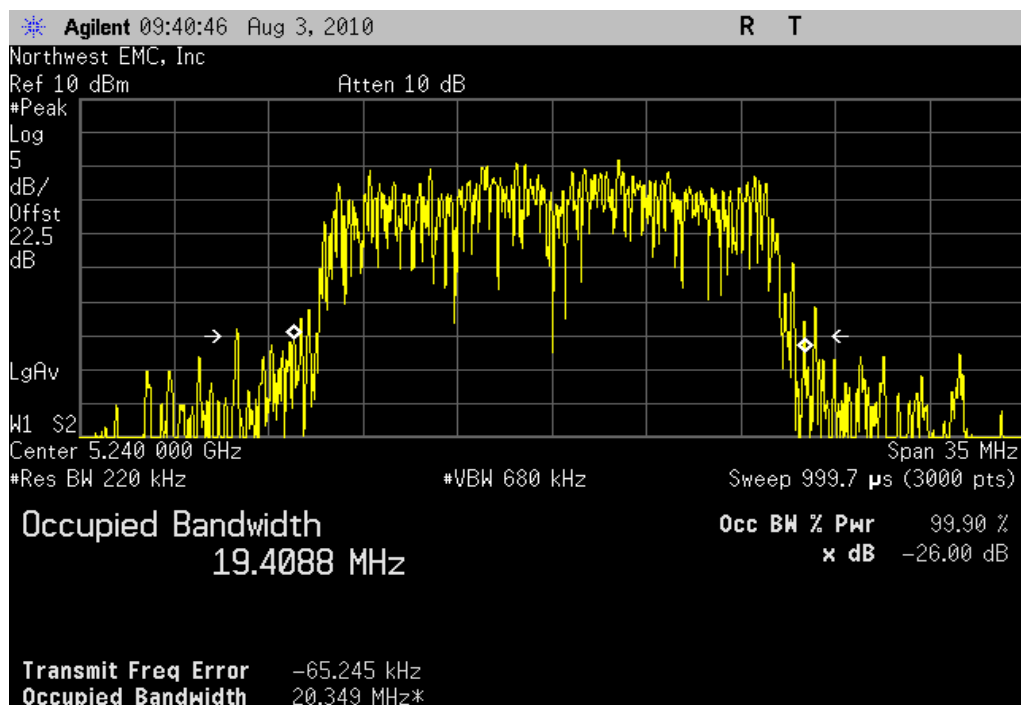


802.11(a) 6 Mbps, 5150 - 5250 MHz Band, Channel 48, High Channel

Result: N/A

Value: 20.349 MHz

Limit: N/A

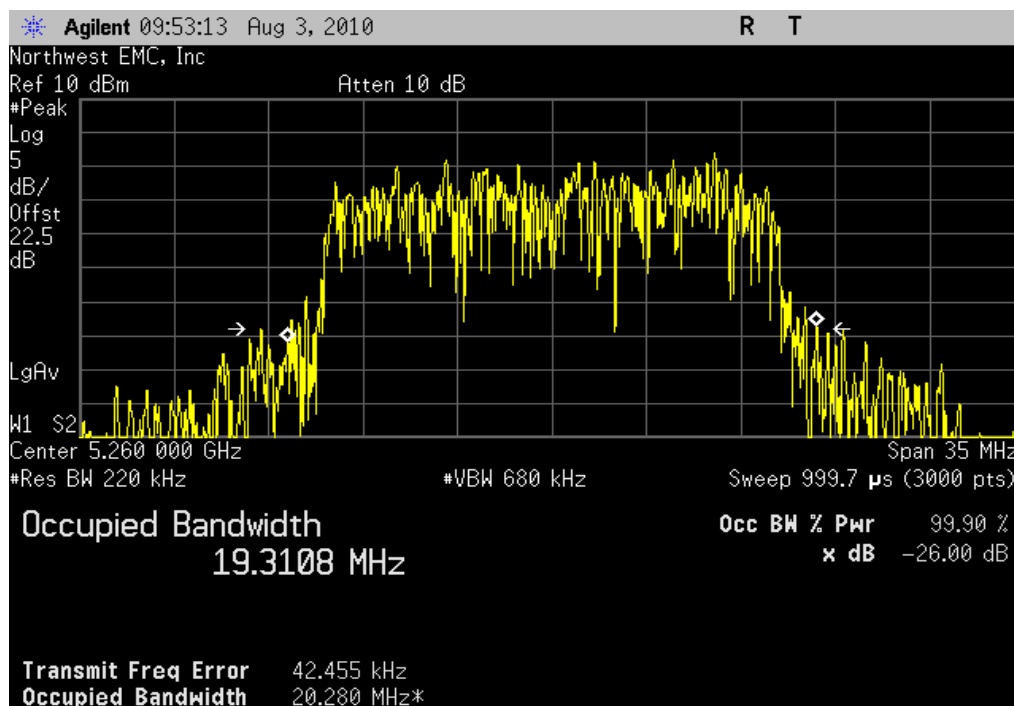


802.11(a) 6 Mbps, 5250 - 5350 MHz Band, Channel 52, Low Channel

Result: N/A

Value: 20.280 MHz

Limit: N/A

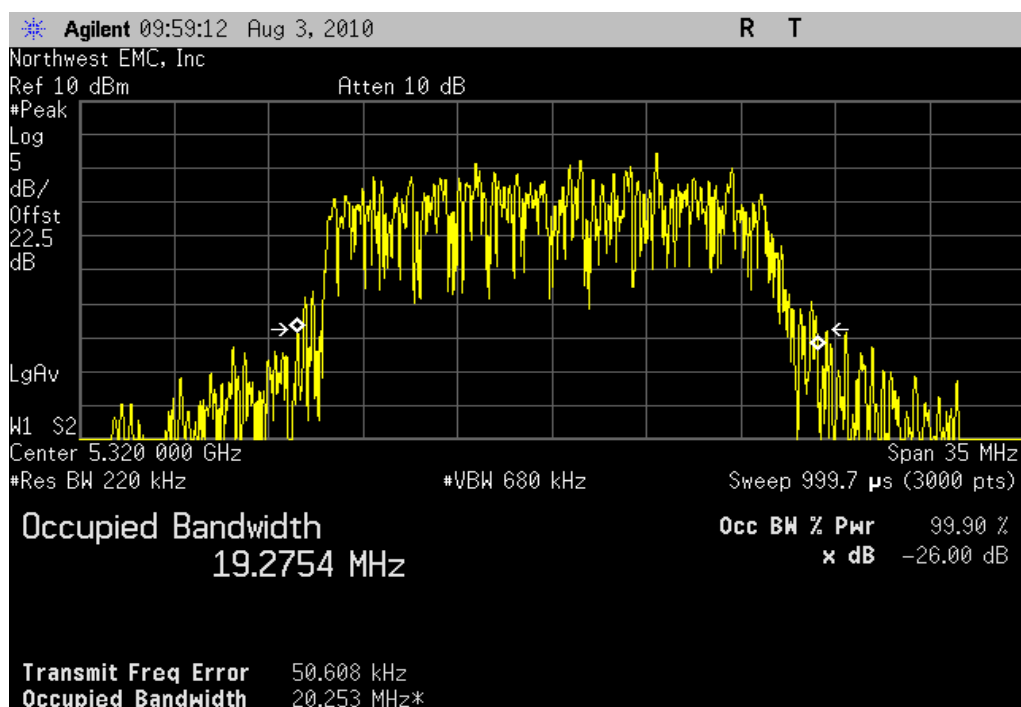


802.11(a) 6 Mbps, 5250 - 5350 MHz Band, Channel 64, High Channel

Result: N/A

Value: 20.253 MHz

Limit: N/A



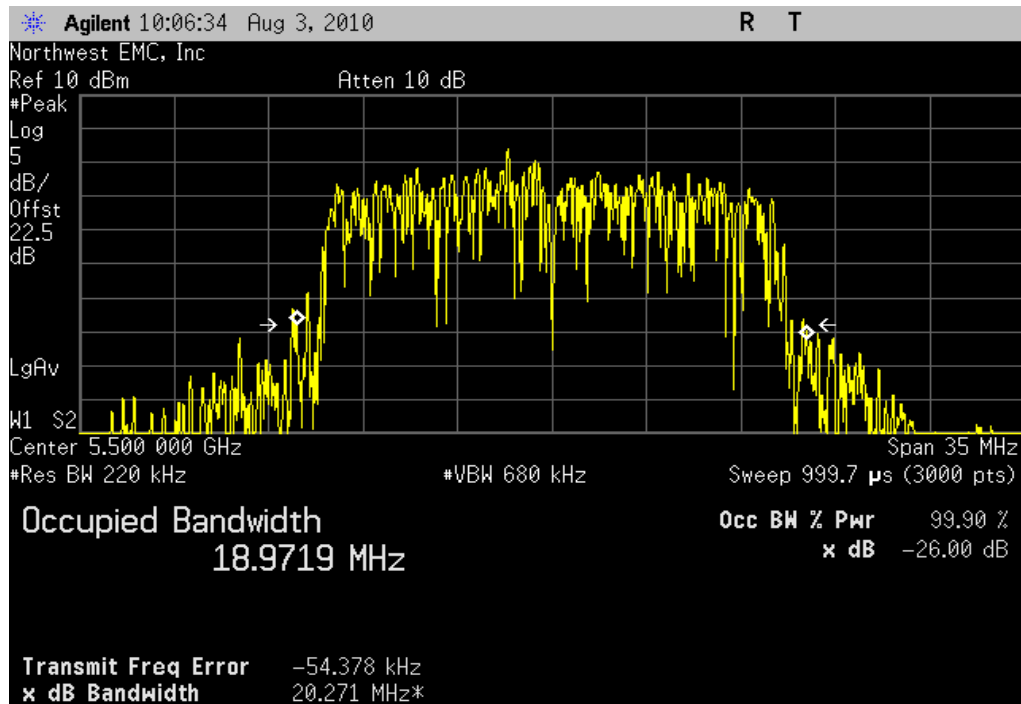


802.11(a) 6 Mbps, 5470 - 5725 MHz Band, Channel 100, Low Channel

Result: N/A

Value: 20.271 MHz

Limit: N/A

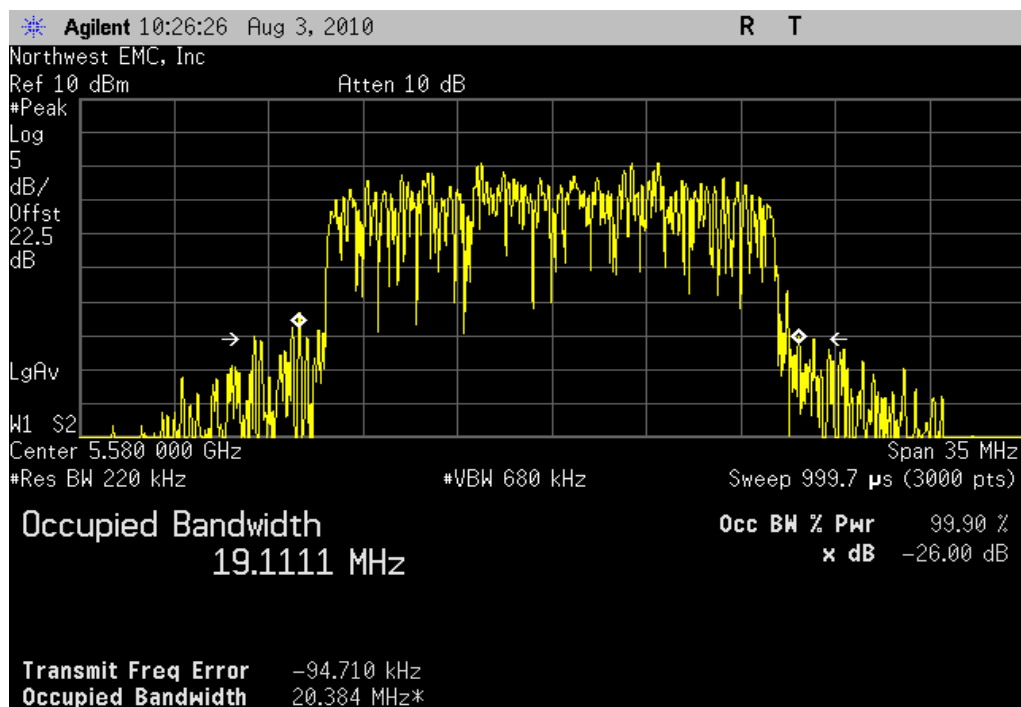


802.11(a) 6 Mbps, 5470 - 5725 MHz Band, Channel 116, Mid Channel

Result: N/A

Value: 20.384 MHz

Limit: N/A

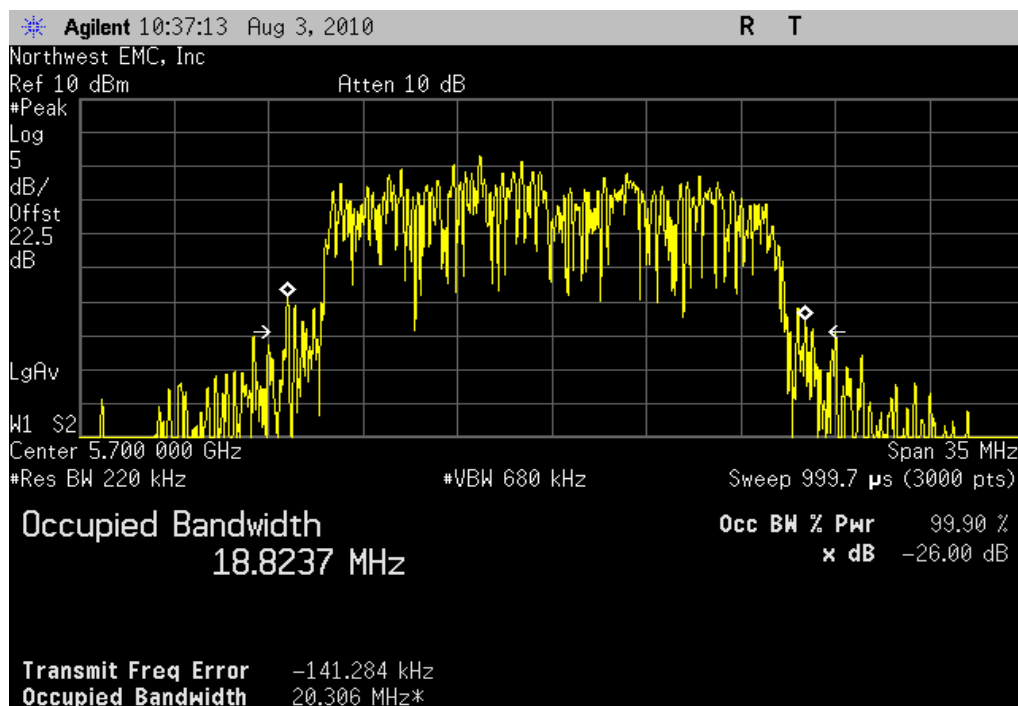


802.11(a) 6 Mbps, 5470 - 5725 MHz Band, Channel 140, High Channel

Result: N/A

Value: 20.306 MHz

Limit: N/A

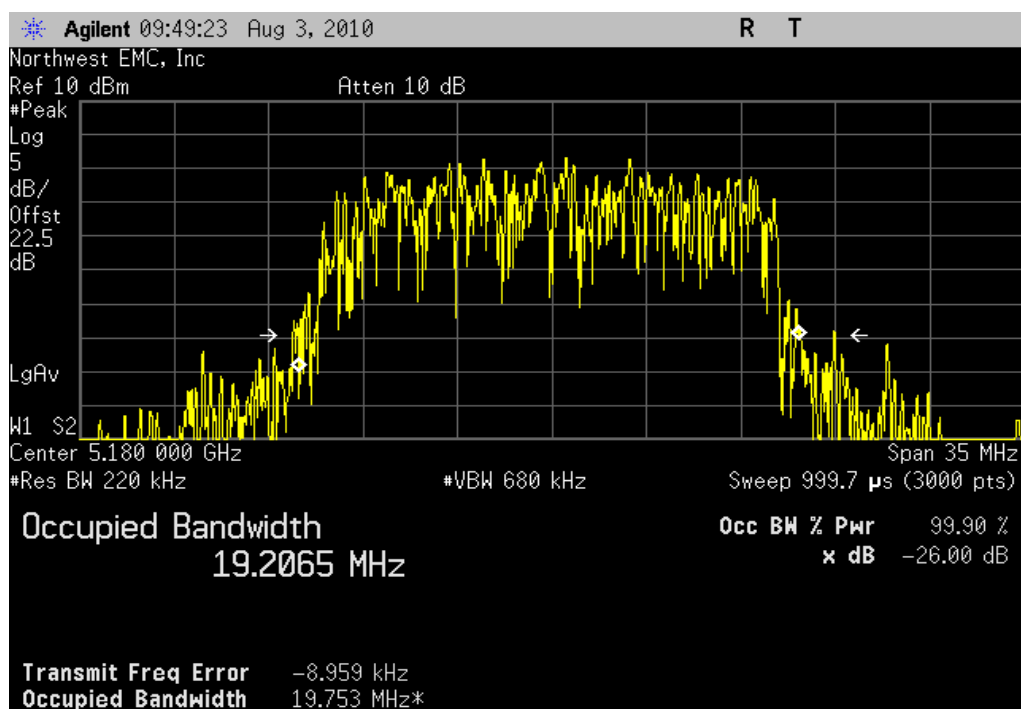


802.11(a) 36 Mbps, 5150 - 5250 MHz Band, Channel 36, Low Channel

Result: N/A

Value: 19.753 MHz

Limit: N/A

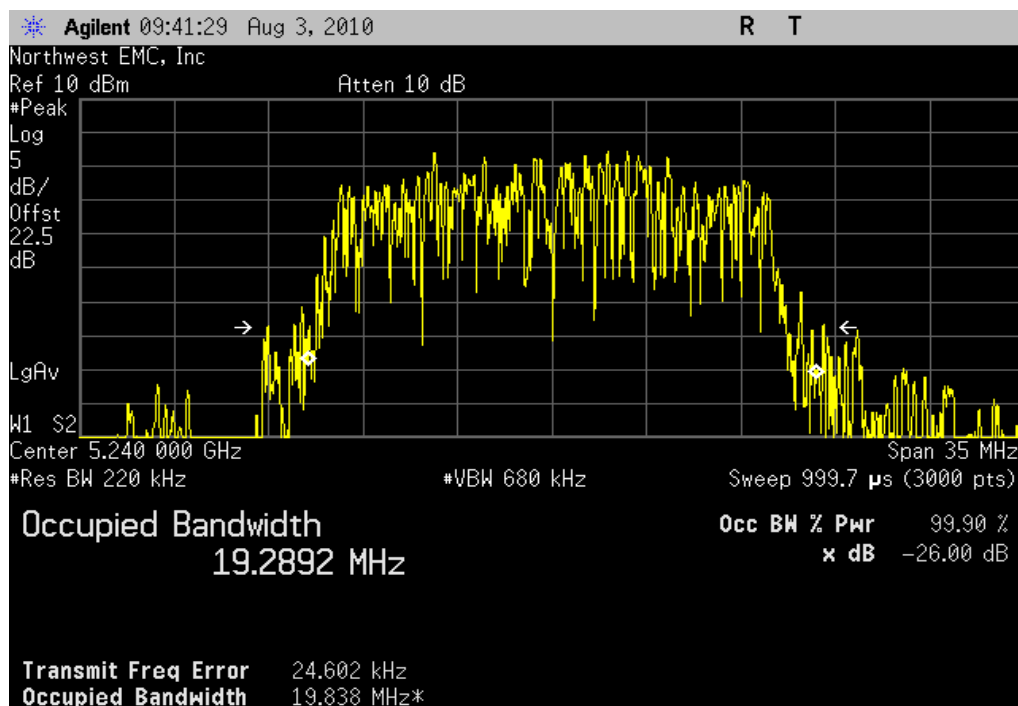


802.11(a) 36 Mbps, 5150 - 5250 MHz Band, Channel 48, High Channel

Result: N/A

Value: 19.838 MHz

Limit: N/A

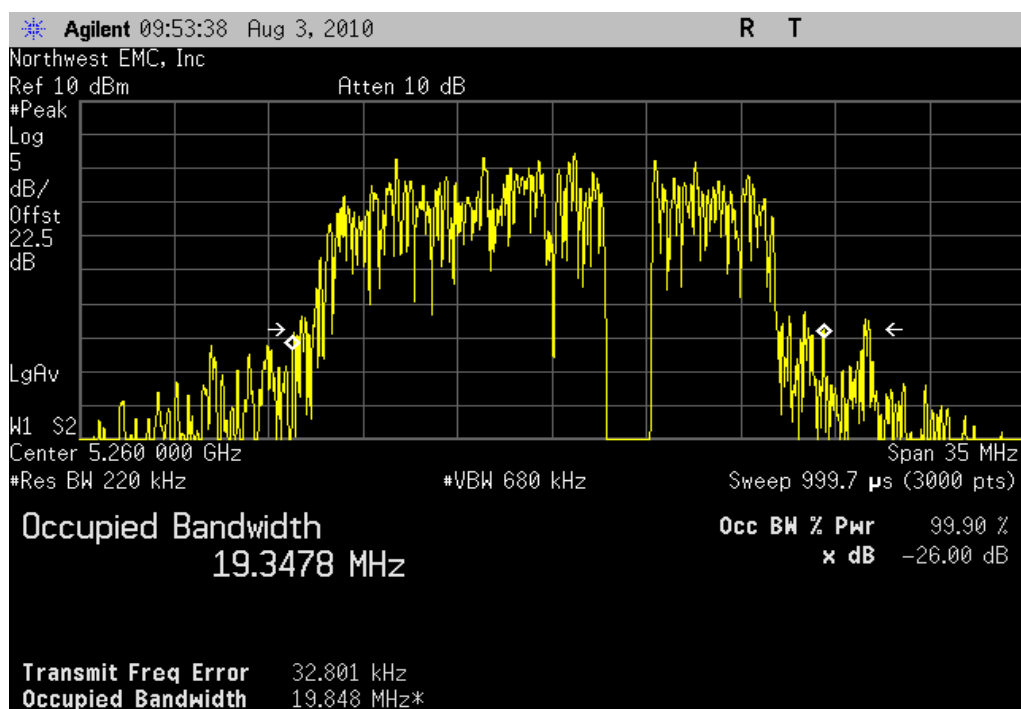


802.11(a) 36 Mbps, 5250 - 5350 MHz Band, Channel 52, Low Channel

Result: N/A

Value: 19.848 MHz

Limit: N/A

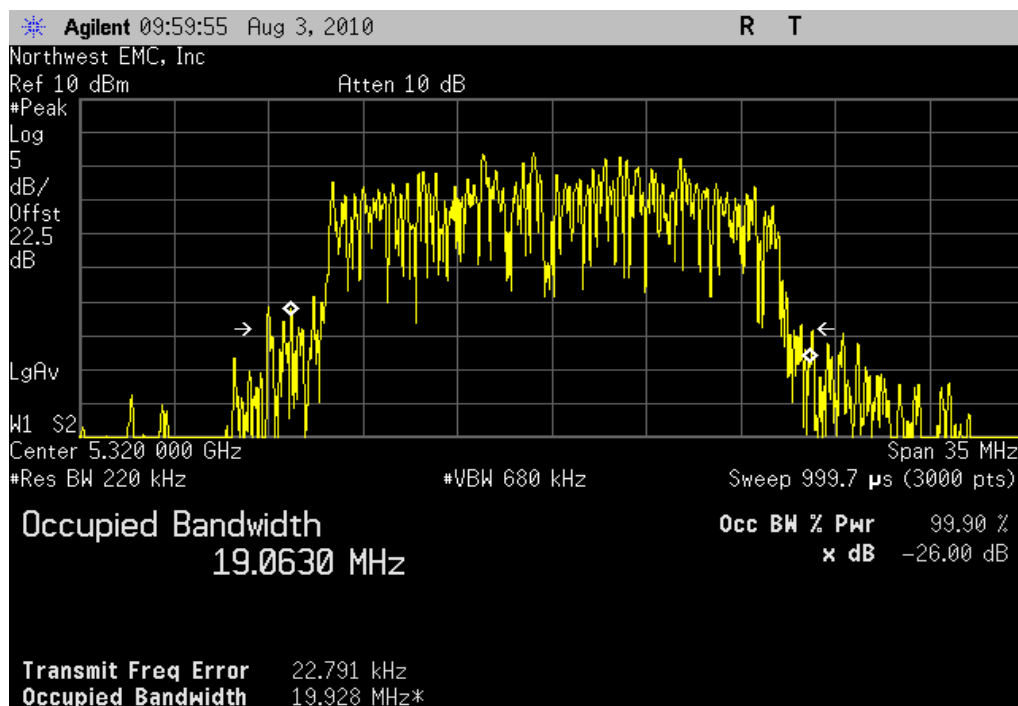


802.11(a) 36 Mbps, 5250 - 5350 MHz Band, Channel 64, High Channel

Result: N/A

Value: 19.928 MHz

Limit: N/A

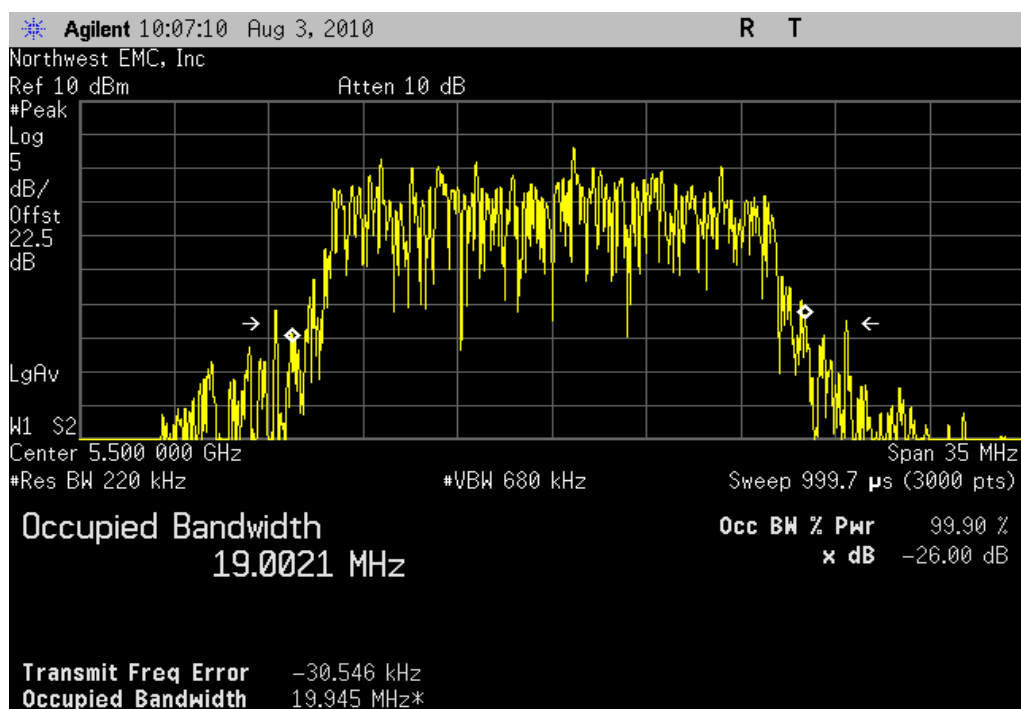


802.11(a) 36 Mbps, 5470 - 5725 MHz Band, Channel 100, Low Channel

Result: N/A

Value: 19.945 MHz

Limit: N/A

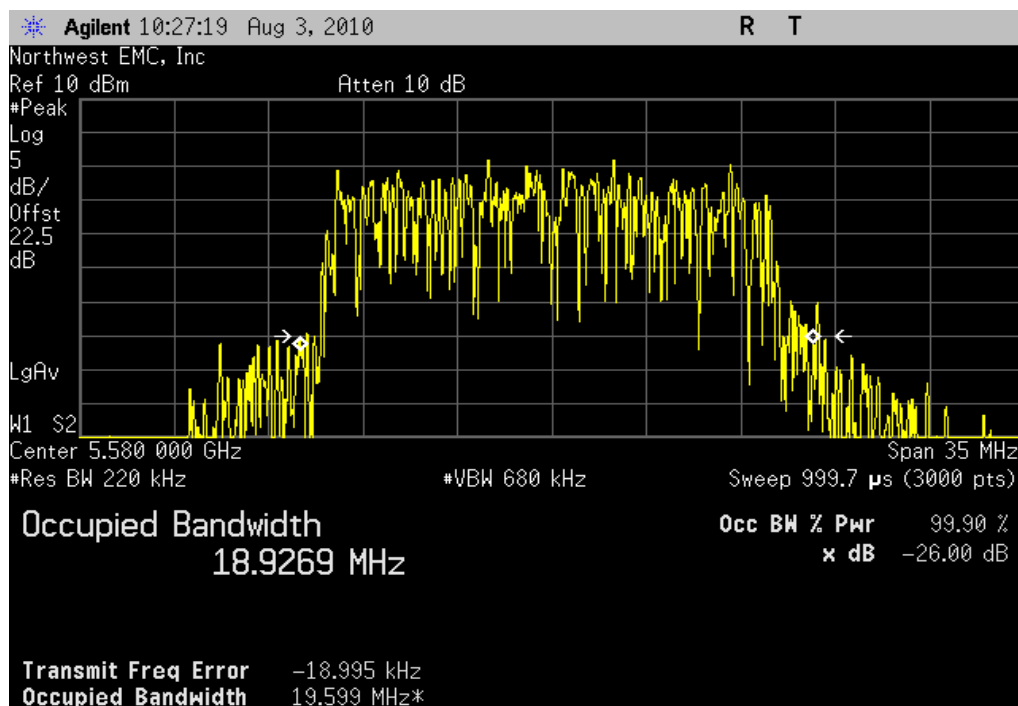


802.11(a) 36 Mbps, 5470 - 5725 MHz Band, Channel 116, Mid Channel

Result: N/A

Value: 19.599 MHz

Limit: N/A

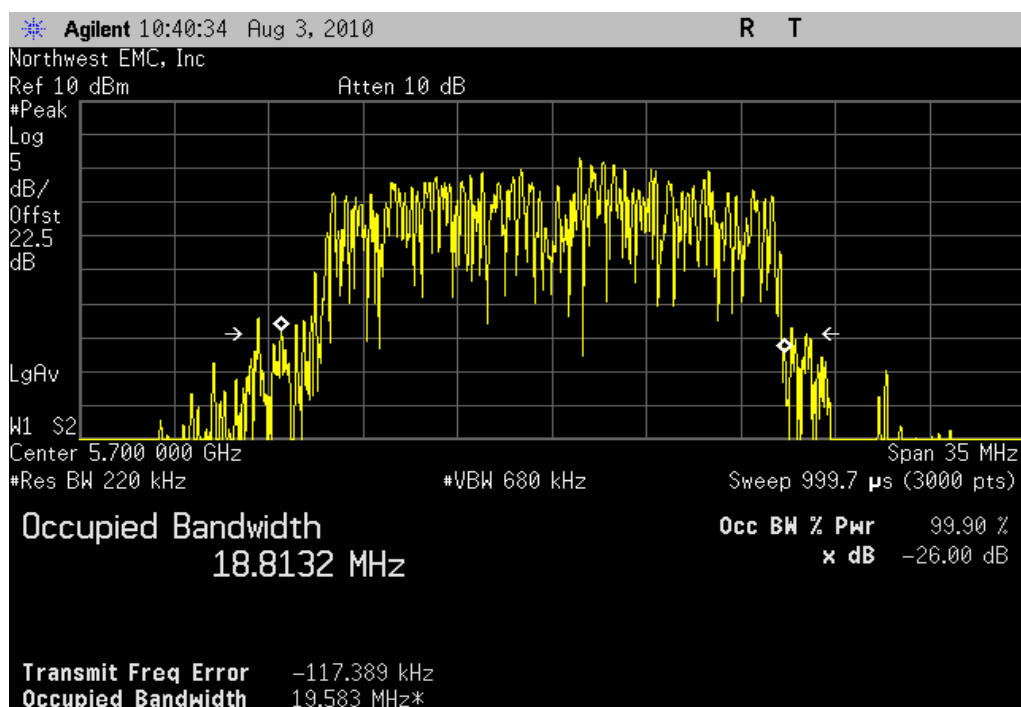


802.11(a) 36 Mbps, 5470 - 5725 MHz Band, Channel 140, High Channel

Result: N/A

Value: 19.583 MHz

Limit: N/A

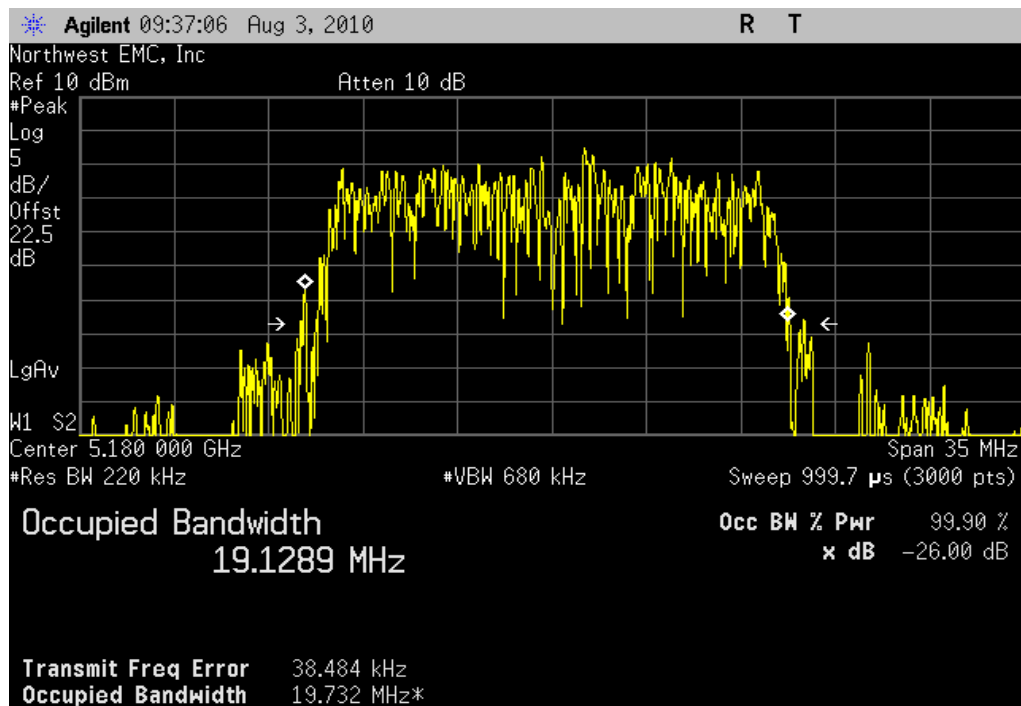


802.11(a) 54 Mbps, 5150 - 5250 MHz Band, Channel 36, Low Channel

Result: N/A

Value: 19.732 MHz

Limit: N/A

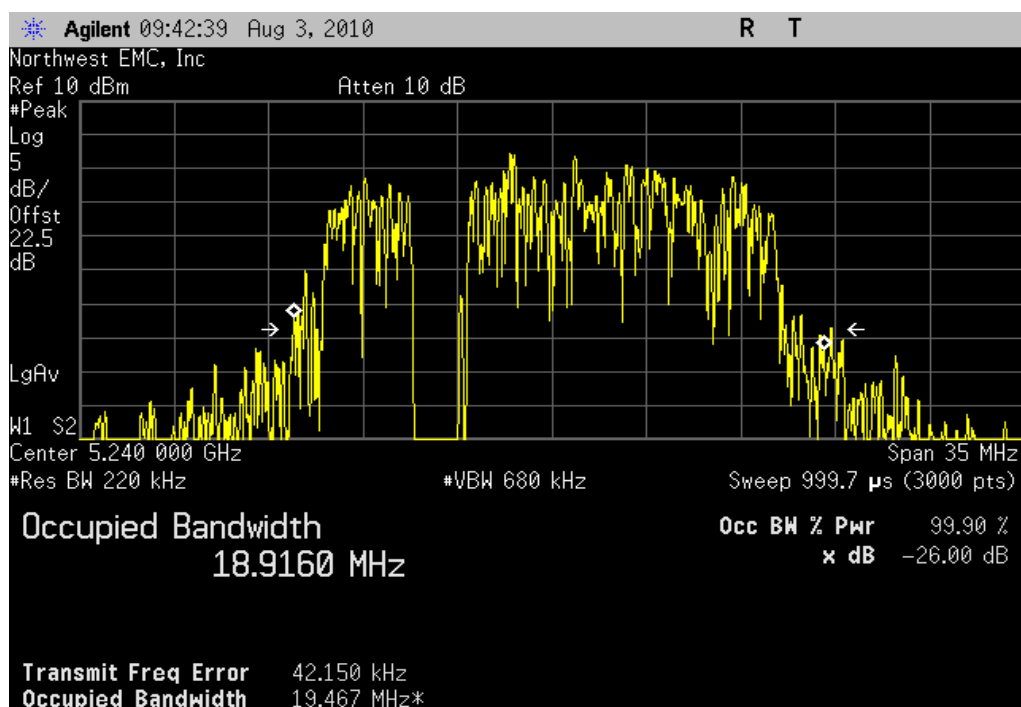


802.11(a) 54 Mbps, 5150 - 5250 MHz Band, Channel 48, High Channel

Result: N/A

Value: 19.467 MHz

Limit: N/A

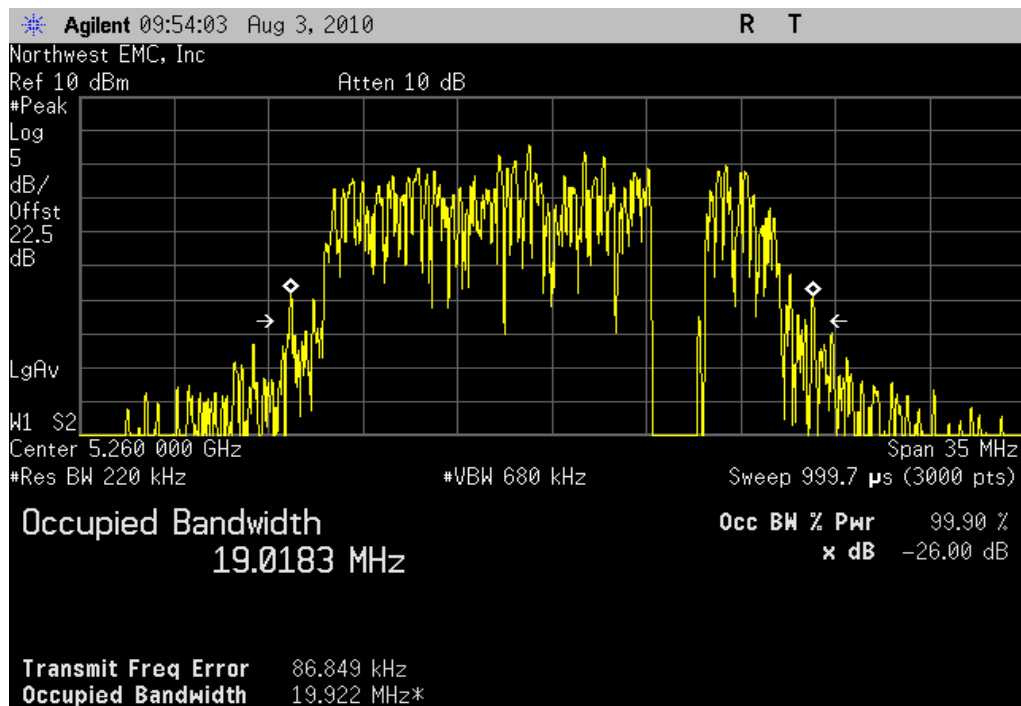


802.11(a) 54 Mbps, 5250 - 5350 MHz Band, Channel 52, Low Channel

Result: N/A

Value: 19.922 MHz

Limit: N/A

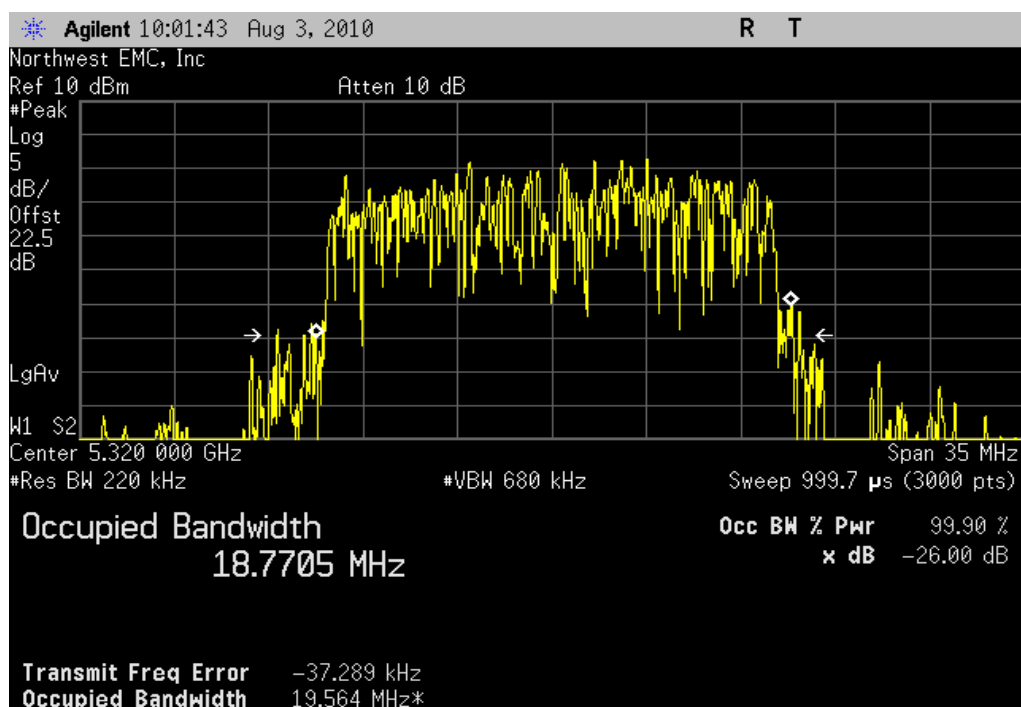


802.11(a) 54 Mbps, 5250 - 5350 MHz Band, Channel 64, High Channel

Result: N/A

Value: 19.564 MHz

Limit: N/A

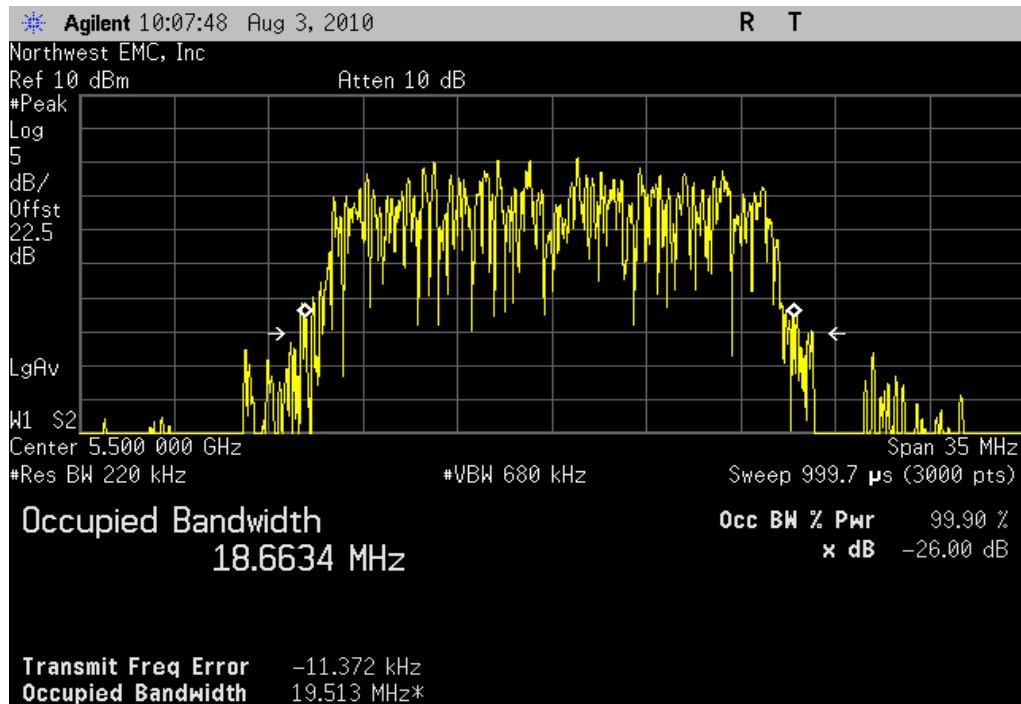


802.11(a) 54 Mbps, 5470 - 5725 MHz Band, Channel 100, Low Channel

Result: N/A

Value: 19.513 MHz

Limit: N/A

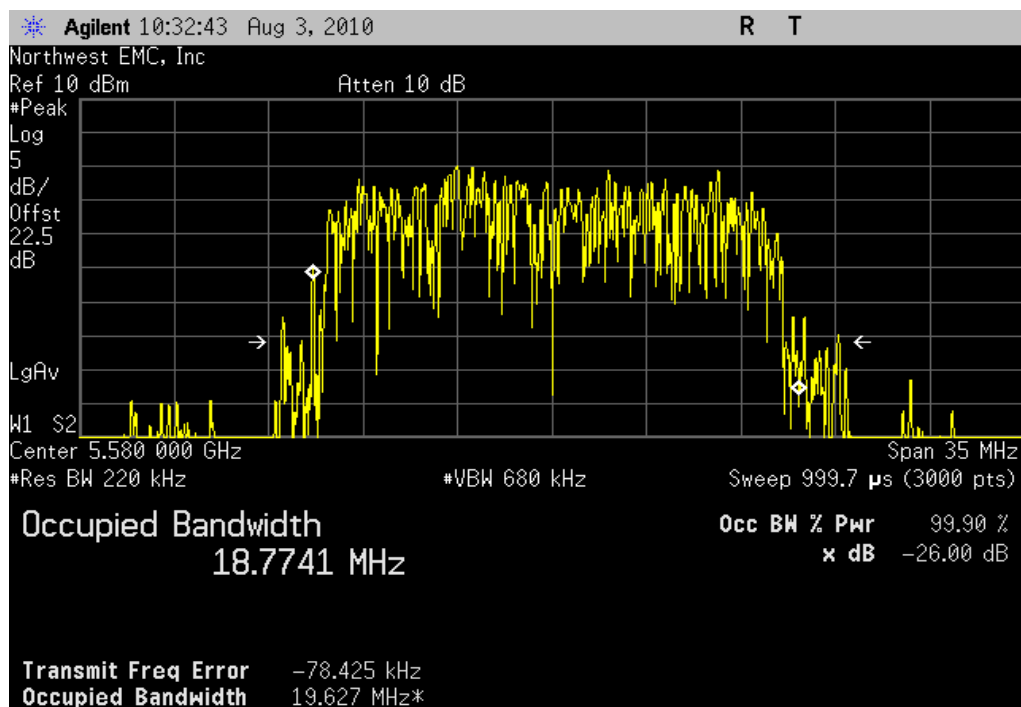


802.11(a) 54 Mbps, 5470 - 5725 MHz Band, Channel 116, Mid Channel

Result: N/A

Value: 19.627 MHz

Limit: N/A



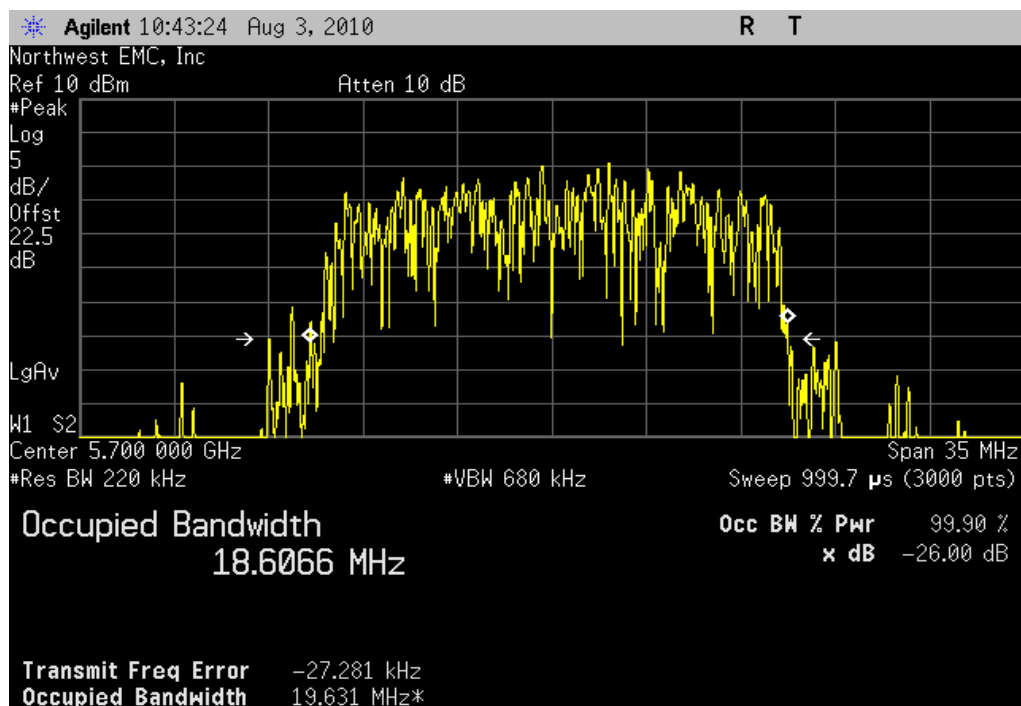


802.11(a) 54 Mbps, 5470 - 5725 MHz Band, Channel 140, High Channel

Result: N/A

Value: 19.631 MHz

Limit: N/A

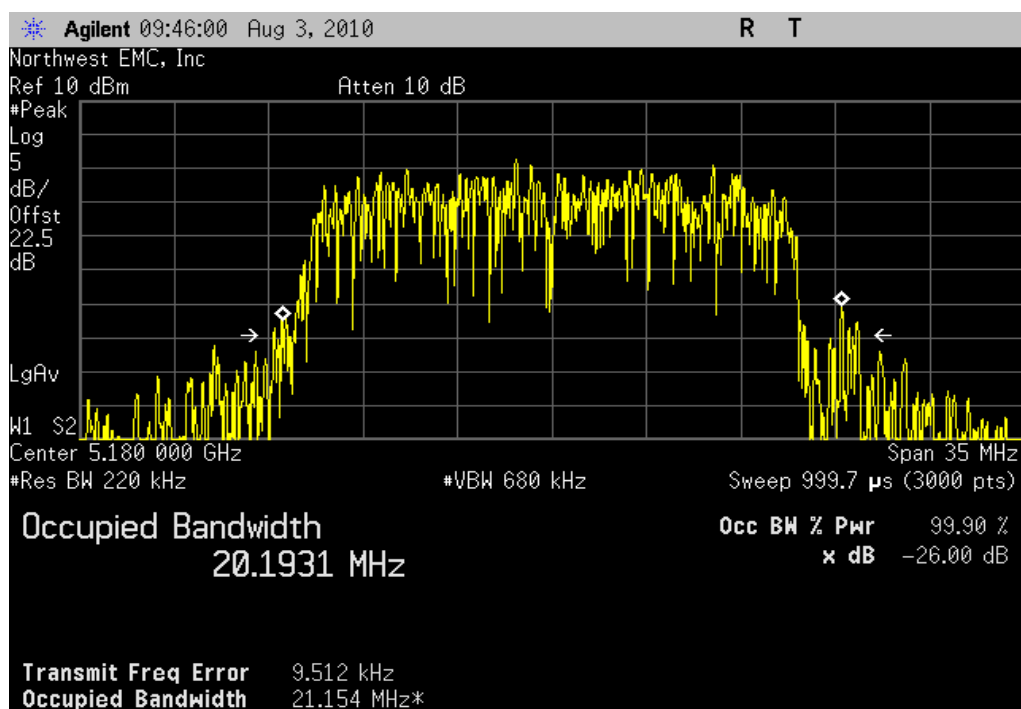


802.11(n) MCS0, 5150 - 5250 MHz Band, Channel 36, Low Channel

Result: N/A

Value: 21.154 MHz

Limit: N/A

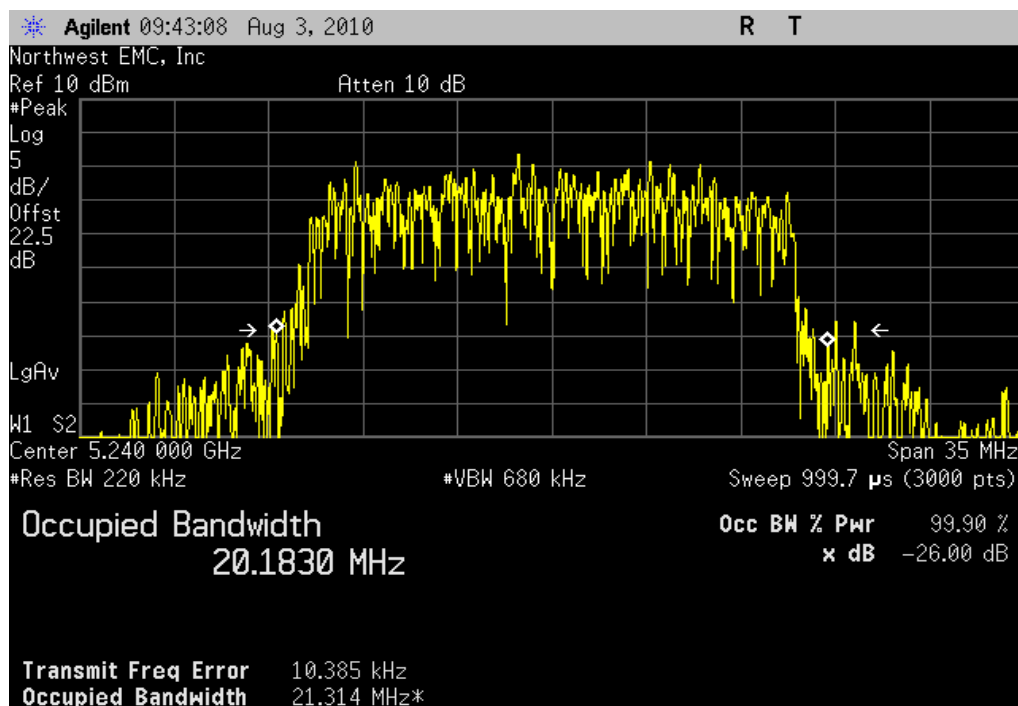


802.11(n) MCS0, 5150 - 5250 MHz Band, Channel 48, High Channel

Result: N/A

Value: 21.314 MHz

Limit: N/A

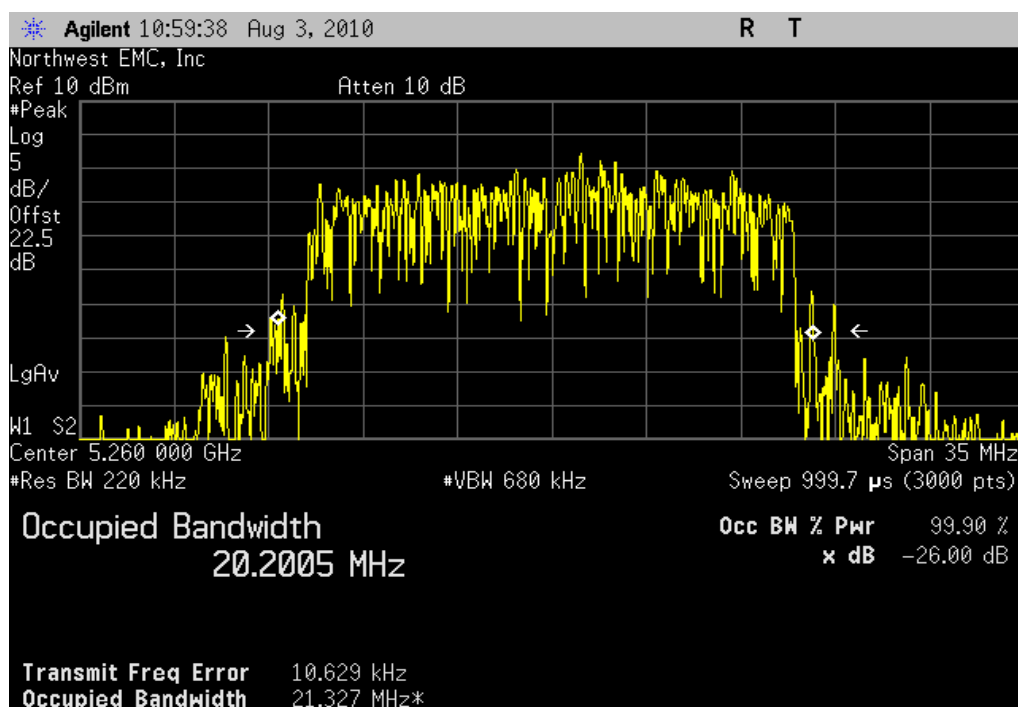


802.11(n) MCS0, 5250 - 5350 MHz Band, Channel 52, Low Channel

Result: N/A

Value: 21.327 MHz

Limit: N/A

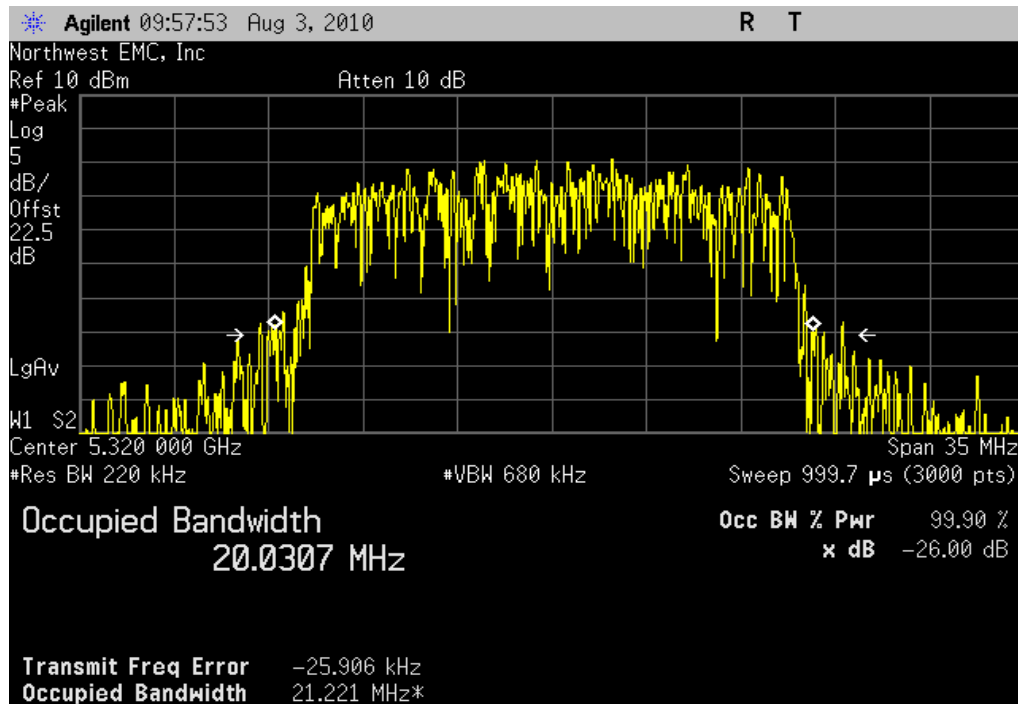


802.11(n) MCS0, 5250 - 5350 MHz Band, Channel 64, High Channel

Result: N/A

Value: 21.221 MHz

Limit: N/A

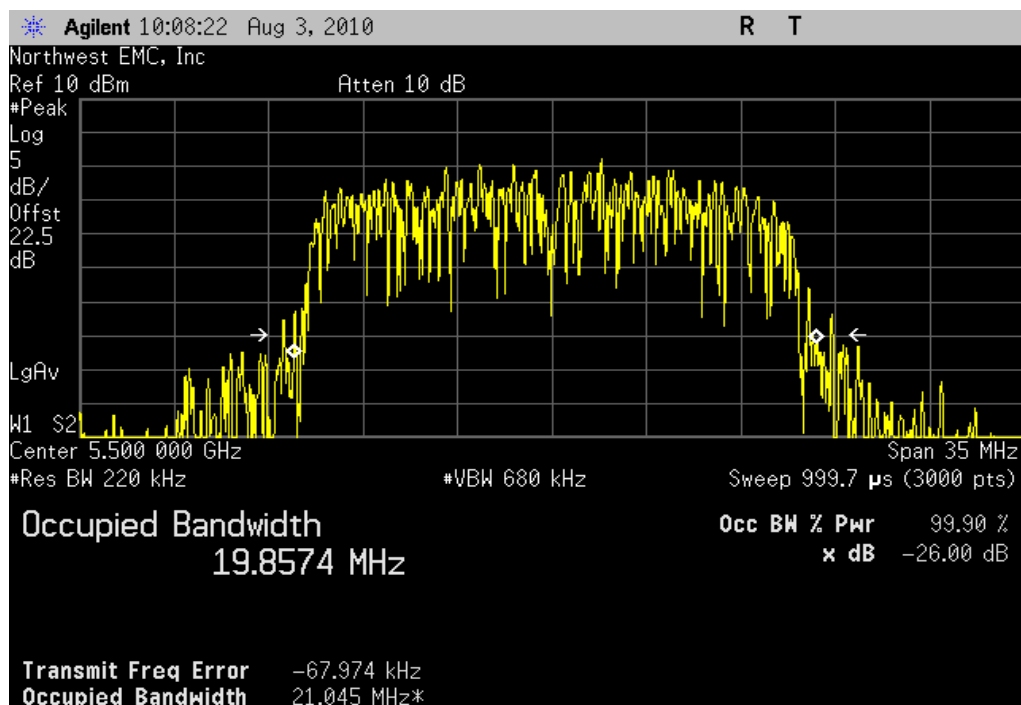


802.11(n) MCS0, 5470 - 5725 MHz Band, Channel 100, Low Channel

Result: N/A

Value: 21.045 MHz

Limit: N/A

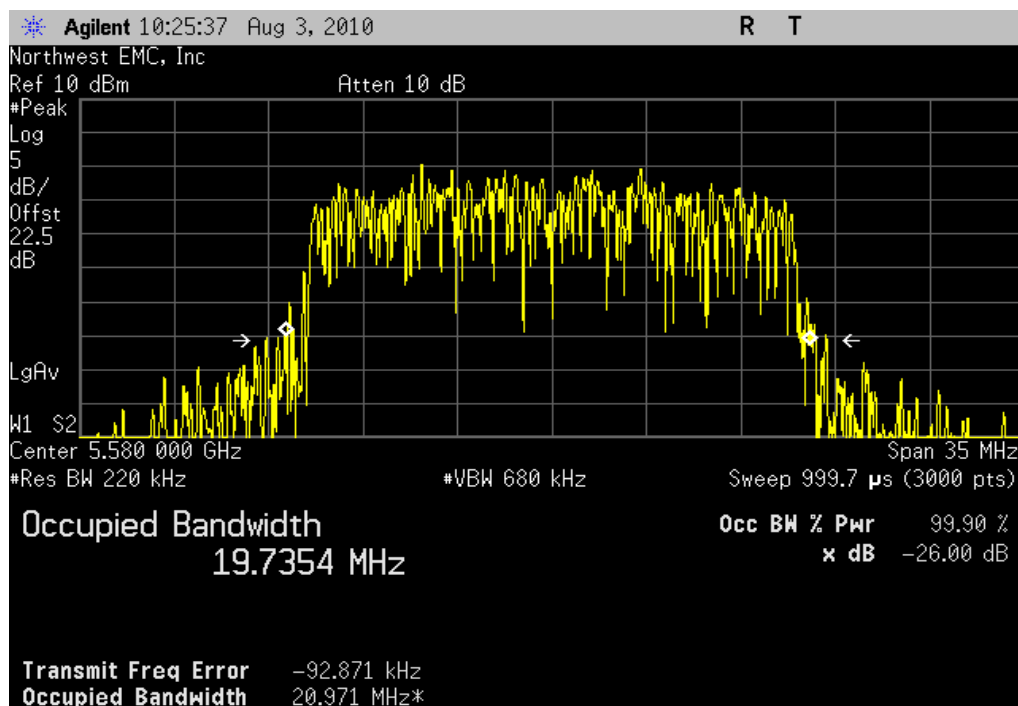


802.11(n) MCS0, 5470 - 5725 MHz Band, Channel 116, Mid Channel

Result: N/A

Value: 20.971 MHz

Limit: N/A

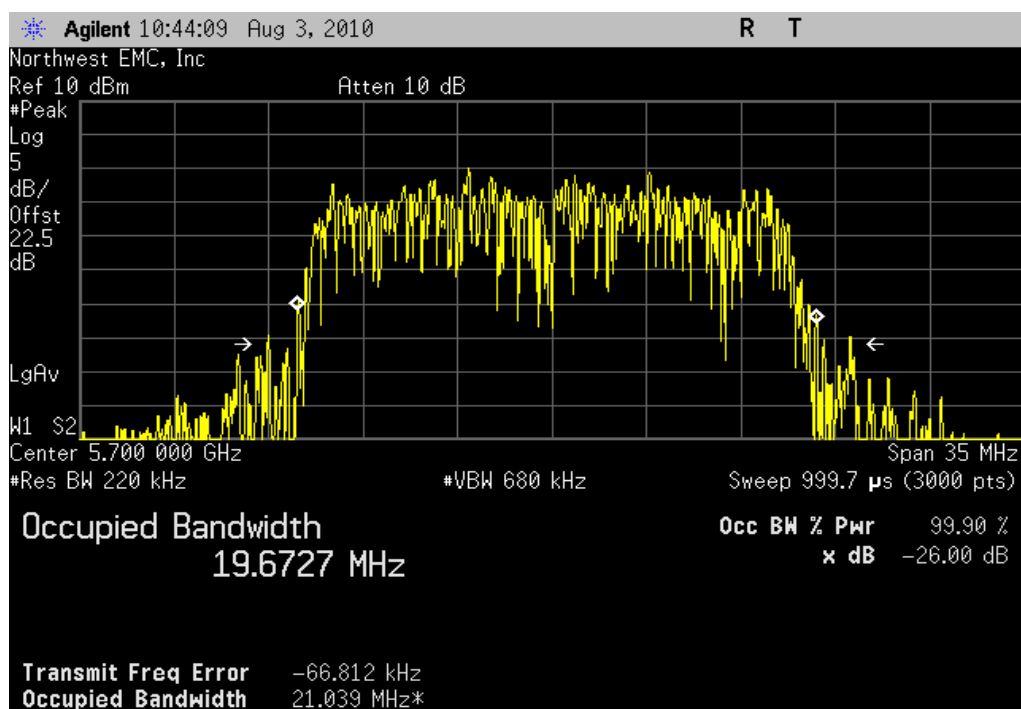


802.11(n) MCS0, 5470 - 5725 MHz Band, Channel 140, High Channel

Result: N/A

Value: 21.039 MHz

Limit: N/A

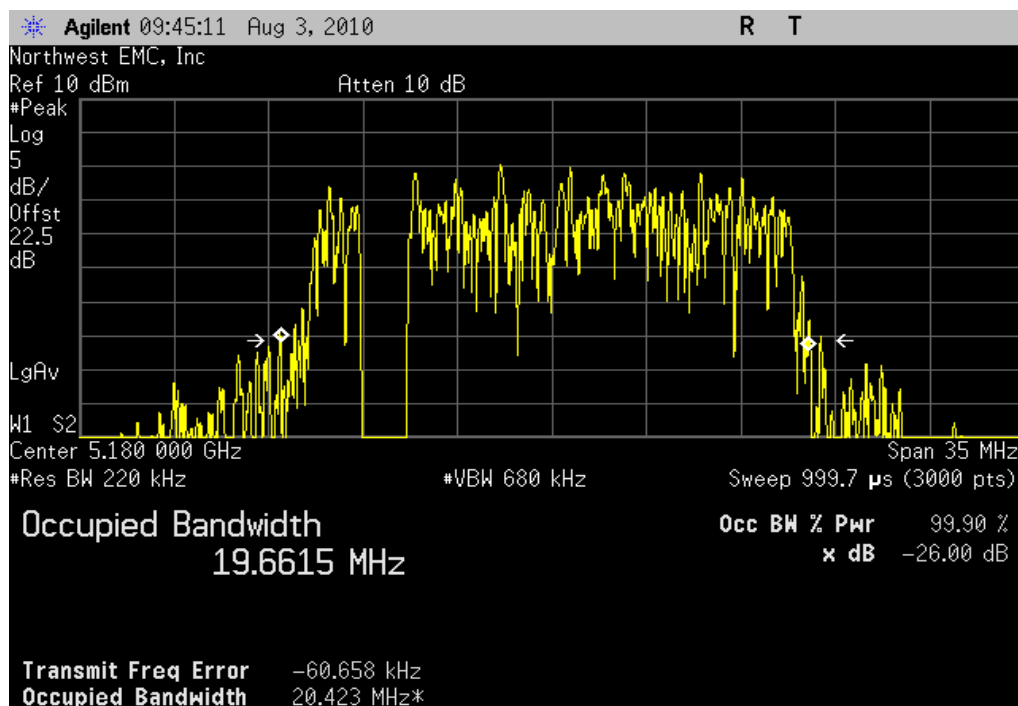


802.11(n) MCS7, 5150 - 5250 MHz Band, Channel 36, Low Channel

Result: N/A

Value: 20.423 MHz

Limit: N/A

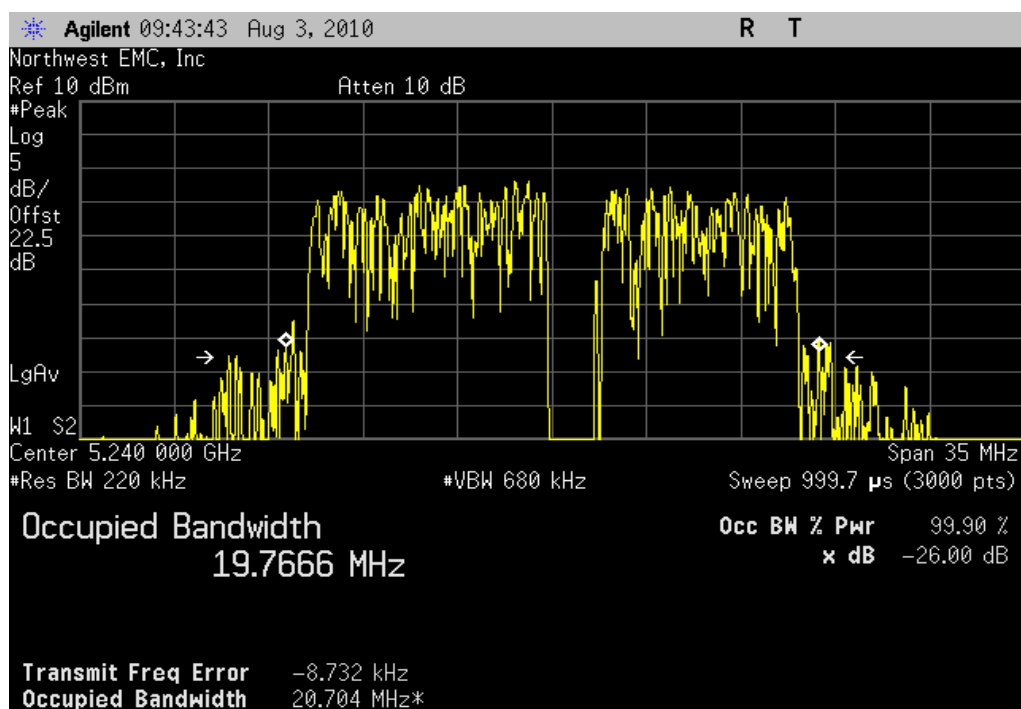


802.11(n) MCS7, 5150 - 5250 MHz Band, Channel 48, High Channel

Result: N/A

Value: 20.704 MHz

Limit: N/A

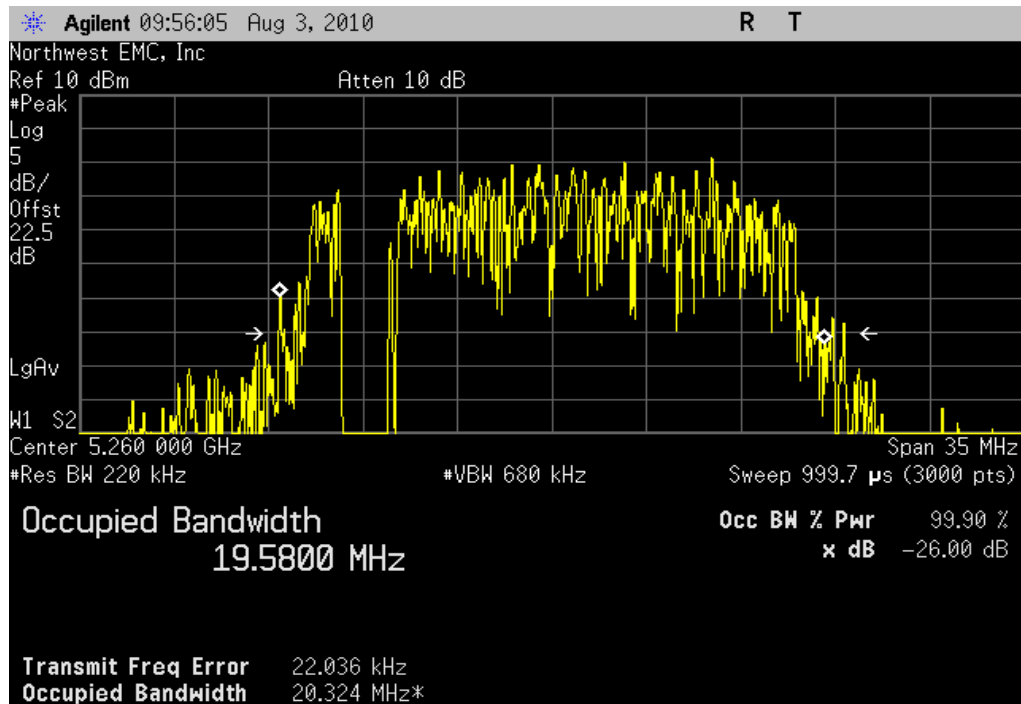


802.11(n) MCS7, 5250 - 5350 MHz Band, Channel 52, Low Channel

Result: N/A

Value: 20.324 MHz

Limit: N/A

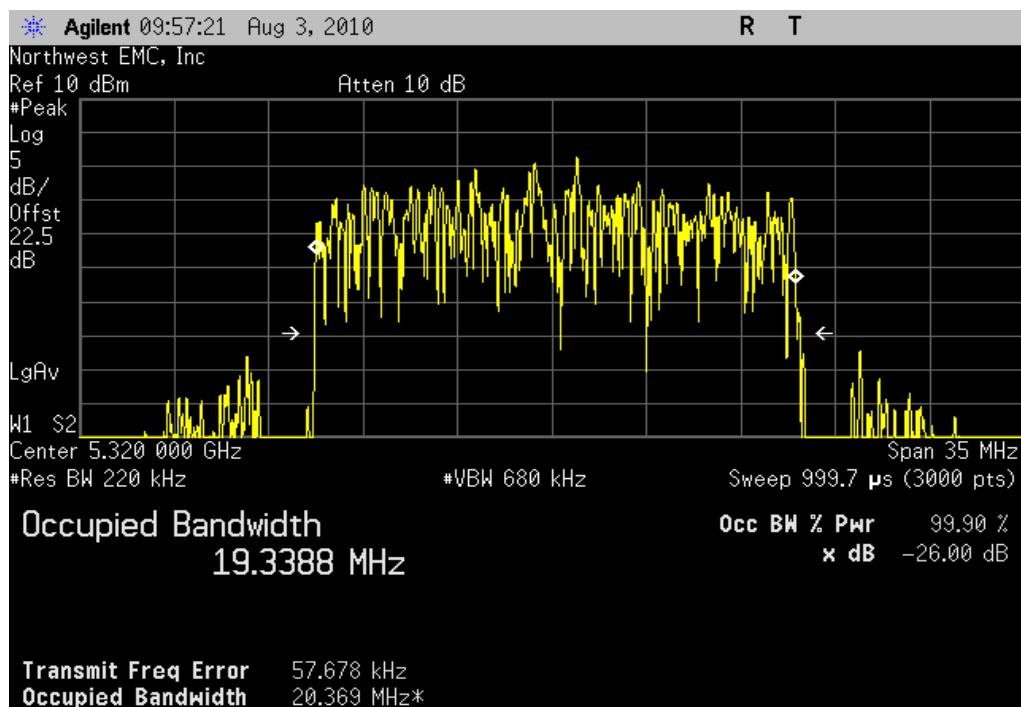


802.11(n) MCS7, 5250 - 5350 MHz Band, Channel 64, High Channel

Result: N/A

Value: 20.369 MHz

Limit: N/A

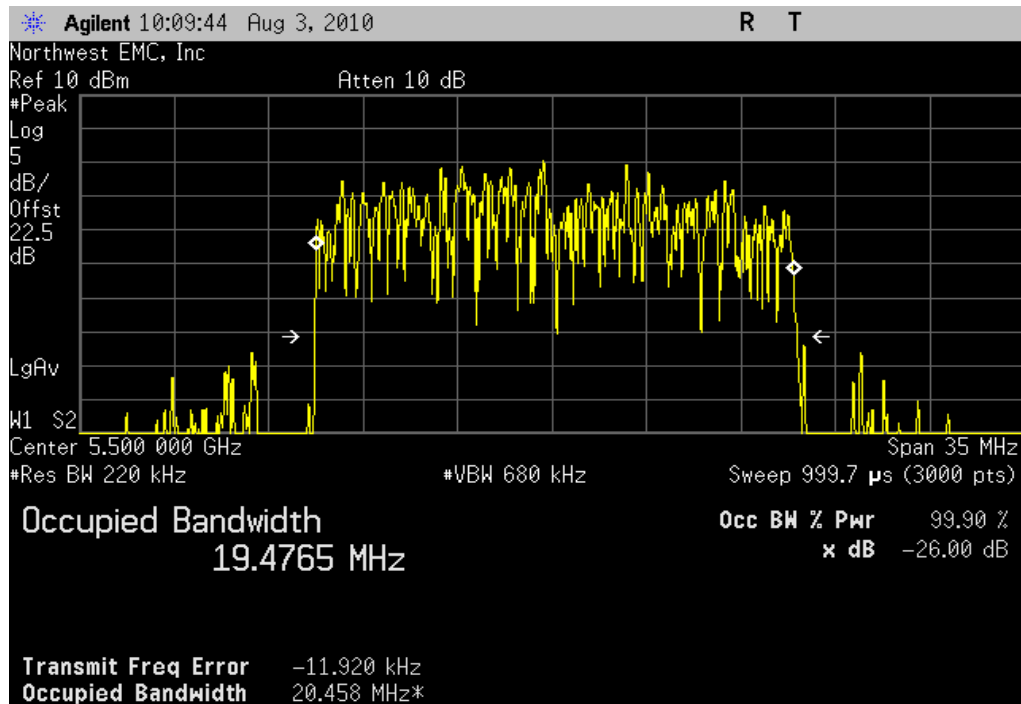


802.11(n) MCS7, 5470 - 5725 MHz Band, Channel 100, Low Channel

Result: N/A

Value: 20.458 MHz

Limit: N/A

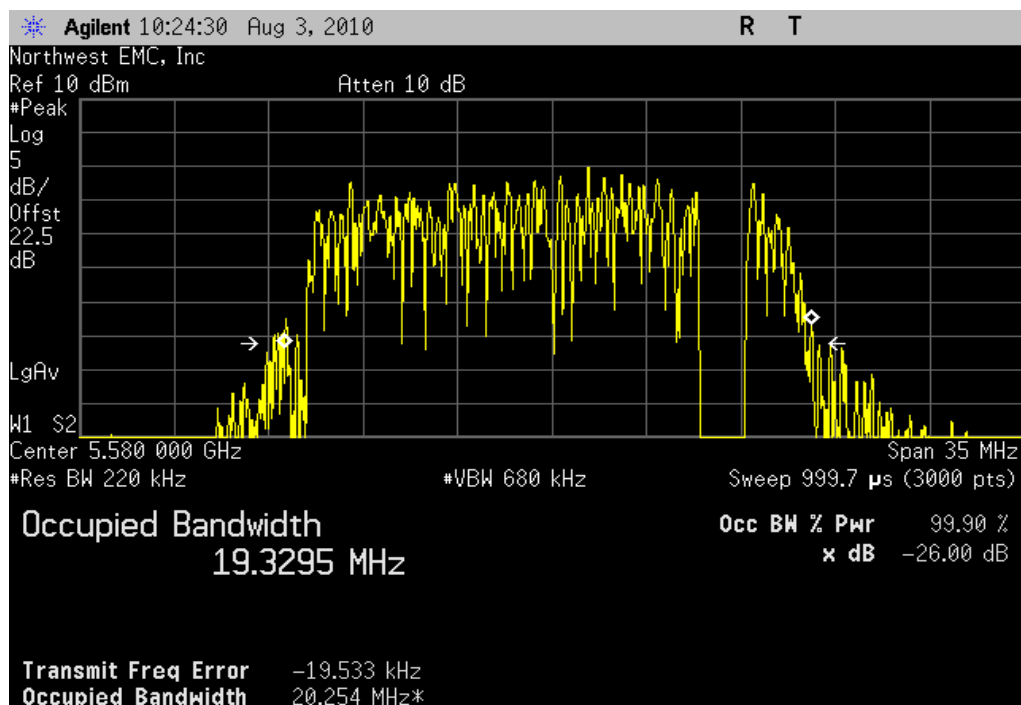


802.11(n) MCS7, 5470 - 5725 MHz Band, Channel 116, Mid Channel

Result: N/A

Value: 20.254 MHz

Limit: N/A

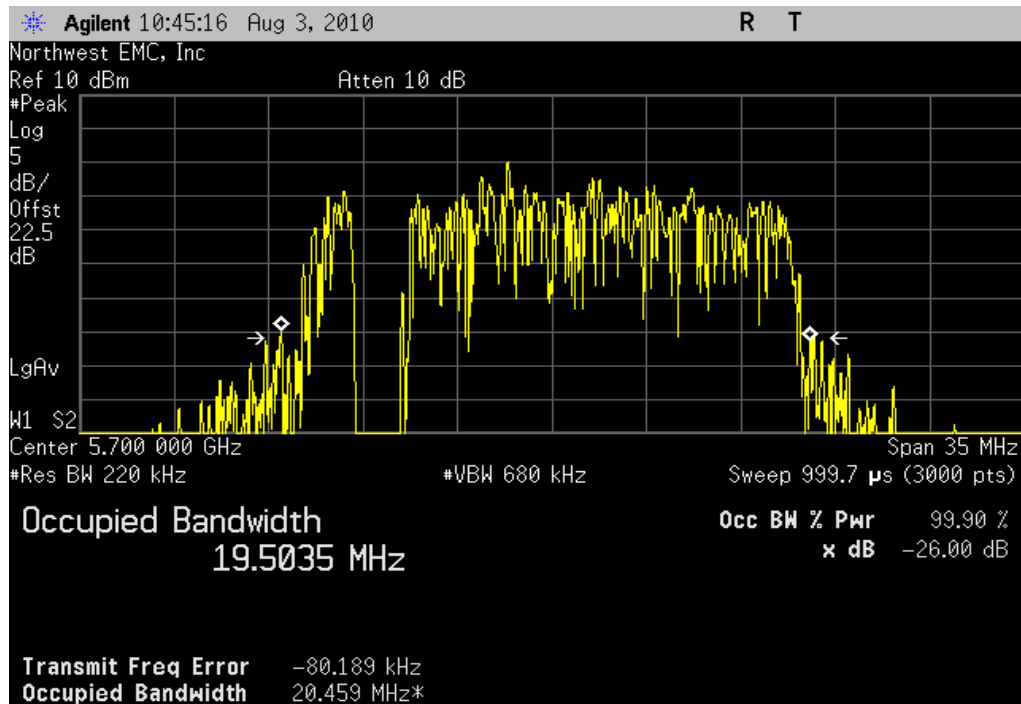


802.11(n) MCS7, 5470 - 5725 MHz Band, Channel 140, High Channel

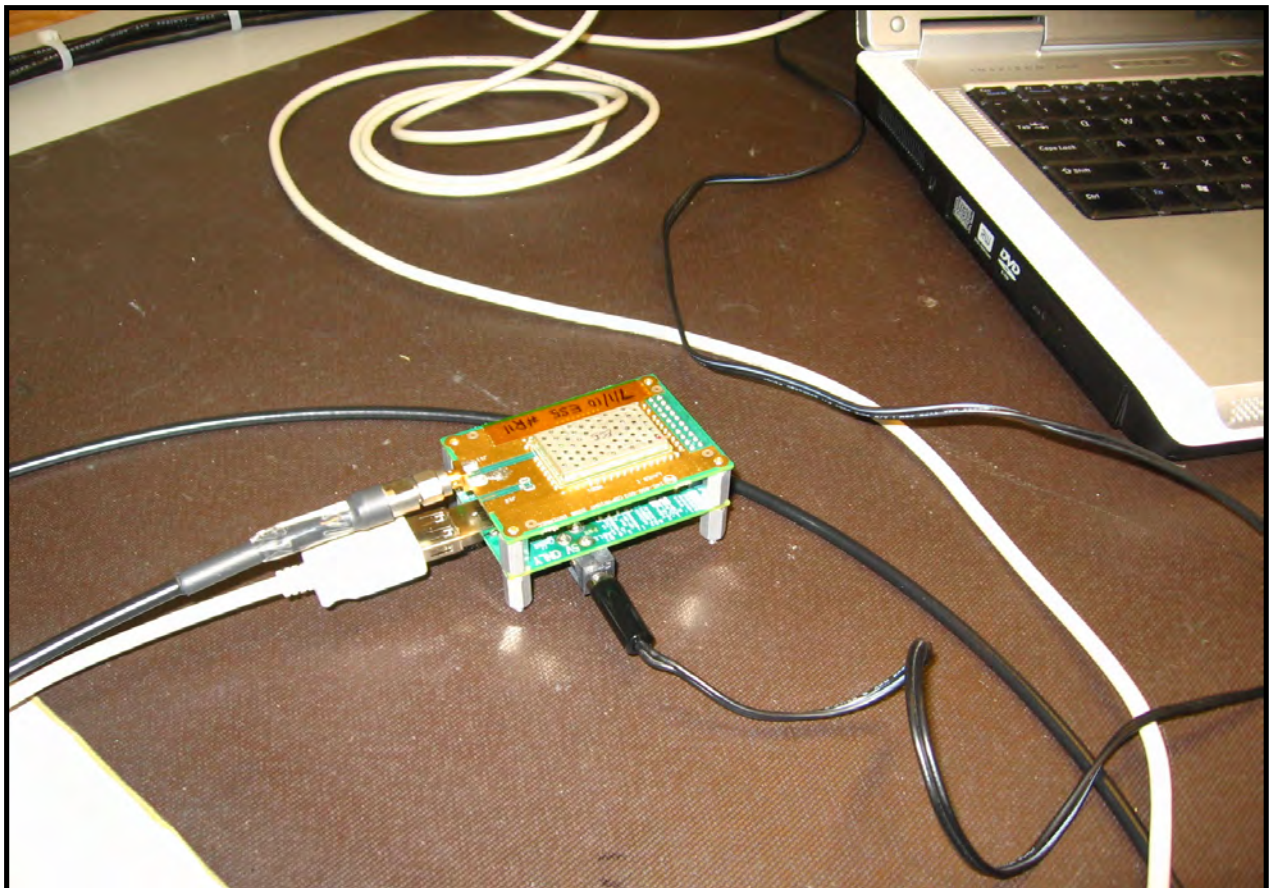
Result: N/A

Value: 20.459 MHz

Limit: N/A







Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

| TEST EQUIPMENT                  |                  |               |     |            |          |
|---------------------------------|------------------|---------------|-----|------------|----------|
| Description                     | Manufacturer     | Model         | ID  | Last Cal.  | Interval |
| Spectrum Analyzer               | Agilent          | E4440A        | AFD | 6/1/2009   | 24       |
| EV06 Direct Connect Cable       | ESM Cable Corp.  | TT            | ECA | NCR        | 0        |
| Attenuator 20 dB, SMA M/F 26GHz | S.M. Electronics | SA26B-20      | AUY | 7/21/2009  | 13       |
| 26 GHz DC Block, SMA            | Pasternack       | PE8210        | AME | 10/19/2009 | 13       |
| Attenuator, 6 dB, 'SMA'         | N/A              | 93459 3330A-6 | AUF | 4/1/2010   | 13       |
| Power Meter                     | Gigatronics      | 8651A         | SPM | 1/7/2010   | 13       |
| Power Sensor                    | Gigatronics      | 80701A        | SPL | 1/7/2010   | 13       |
| Signal Generator                | Agilent          | E8257D        | TGX | 12/10/2008 | 24       |

#### MEASUREMENT UNCERTAINTY

A measurement uncertainty estimation has been performed for each test per our internal quality document WP 342. The estimation is used to compare the measured result with its "true" or theoretically correct value. The expanded measurement uncertainty for radiated emissions measurements is less than +/- 4 dB, and for conducted emissions measurements is less than +/- 2.7 dB. Our measurement data meets or exceeds the measurement uncertainty requirements of CISPR 16-4; therefore, the test data can be compared directly to the specification limit to determine compliance. The calculations for measurement uncertainty are available upon request.

#### TEST DESCRIPTION

ANSI C63.10 was followed. The transmit frequency was set to the required channels in each band. The transmit power was set to its default maximum. The lowest data rate was measured as it provided the highest output power. A direct connection was made between the RF output of the EUT and a spectrum analyzer. Attenuation and a DC block were used. The reference level offset on the spectrum analyzer was adjusted to compensate for cable loss and the external attenuation used between the RF output and the spectrum analyzer input. The amplitude accuracy of the spectrum analyzer was further enhanced by calibrating the setup using the power meter and synthesized signal generator.

Prior to measuring peak power spectral density, the transmission pulse duration (T) were measured. The transmission pulse duration and the associated data are found elsewhere in this test report.

Method #2 was used. RF gating on the spectrum analyzer was used on those data rates with short pulse durations to ensure sweeps only occurred during the pulse duration.

The spectrum analyzer settings were as follows:

- The span was set to encompass entire emission bandwidth (B), centered on the transmit channel.
- RBW = 1 MHz, VBW >= 3 MHz because the emission bandwidth (B) is greater than 1 MHz
- Sample detector mode because the bin width (span / number of spectral points) < 0.5 RBW.
- Trace average 100 traces in power averaging mode (not video averaging).

The peak power spectral density (PPSD) was determined to be the highest level found across the emission in any 1 MHz band after 100 sweeps of power averaging (not video averaging).

## EMC

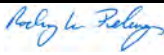
## PEAK POWER SPECTRAL DENSITY

|                |                                   |                   |           |
|----------------|-----------------------------------|-------------------|-----------|
| EUT:           | RC12                              | Work Order:       | INMC0575  |
| Serial Number: | R11                               | Date:             | 08/04/10  |
| Customer:      | Intermec Technologies Corporation | Temperature:      | 21°C      |
| Attendees:     | None                              | Humidity:         | 39%       |
| Project:       | None                              | Barometric Pres.: | 1012.5 mb |
| Tested by:     | Rod Peloquin                      | Power:            | 5VDC      |
|                |                                   | Job Site:         | EV06      |

|                     |                  |
|---------------------|------------------|
| TEST SPECIFICATIONS | Test Method      |
| FCC 15.407:2010     | ANSI C63.10:2009 |

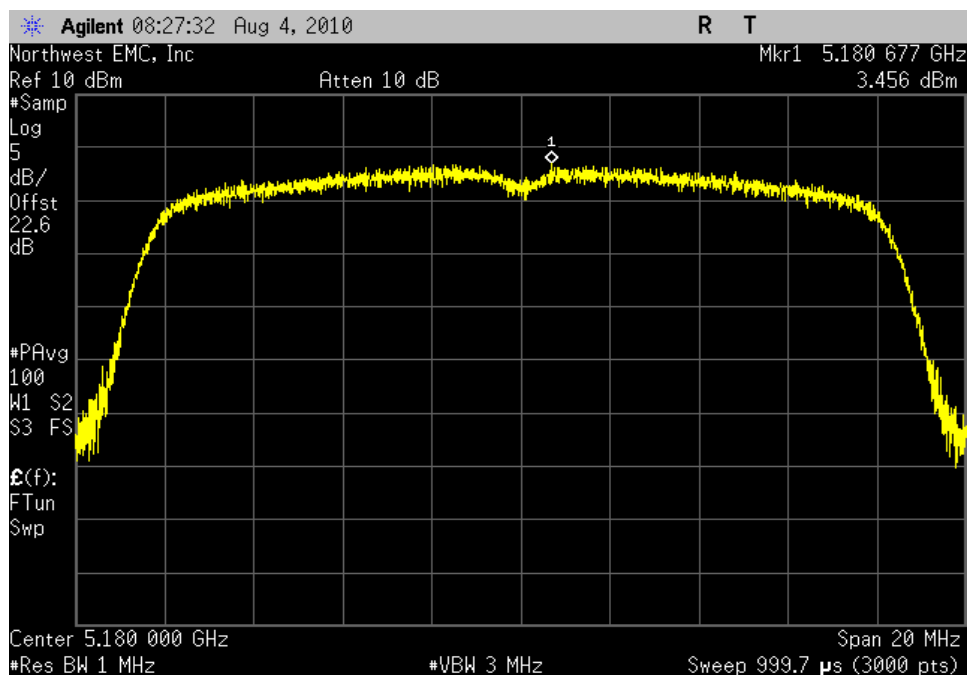
|          |
|----------|
| COMMENTS |
| None     |

|                               |
|-------------------------------|
| DEVIATIONS FROM TEST STANDARD |
| No Deviations                 |

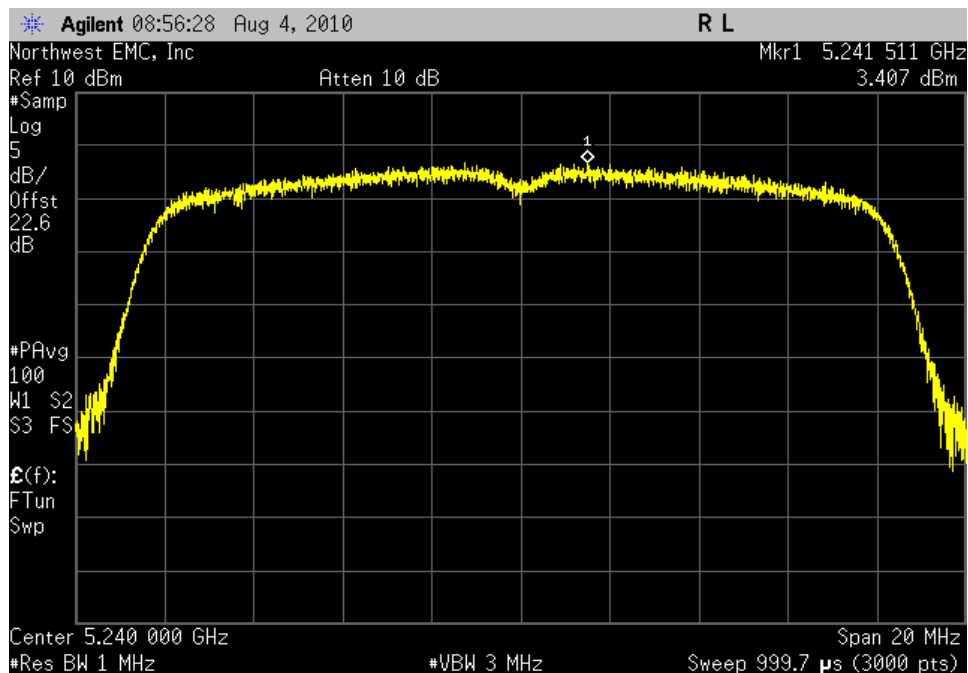
|                 |   |                                                                                             |
|-----------------|---|---------------------------------------------------------------------------------------------|
| Configuration # | 2 | Signature  |
|-----------------|---|---------------------------------------------------------------------------------------------|

|                   |                           | Value         | Limit       | Results |
|-------------------|---------------------------|---------------|-------------|---------|
| 802.11(a) 6 Mbps  |                           |               |             |         |
|                   | 5150 - 5250 MHz Band      |               |             |         |
|                   | Channel 36, Low Channel   | 3.5 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 48, High Channel  | 3.4 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | 5250 - 5350 MHz Band      |               |             |         |
|                   | Channel 52, Low Channel   | 3.6 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 64, High Channel  | 3.2 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | 5470 - 5725 MHz Band      |               |             |         |
|                   | Channel 100, Low Channel  | 2.9 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 116, Mid Channel  | 3.0 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 140, High Channel | 2.6 dbm / MHz | 4 dBm / MHz | Pass    |
| 802.11(a) 36 Mbps |                           |               |             |         |
|                   | 5150 - 5250 MHz Band      |               |             |         |
|                   | Channel 36, Low Channel   | 3.6 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 48, High Channel  | 3.7 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | 5250 - 5350 MHz Band      |               |             |         |
|                   | Channel 52, Low Channel   | 3.4 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 64, High Channel  | 3.4 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | 5470 - 5725 MHz Band      |               |             |         |
|                   | Channel 100, Low Channel  | 3.0 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 116, Mid Channel  | 3.6 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 140, High Channel | 3.1 dbm / MHz | 4 dBm / MHz | Pass    |
| 802.11(a) 54 Mbps |                           |               |             |         |
|                   | 5150 - 5250 MHz Band      |               |             |         |
|                   | Channel 36, Low Channel   | 3.8 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 48, High Channel  | 3.7 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | 5250 - 5350 MHz Band      |               |             |         |
|                   | Channel 52, Low Channel   | 3.9 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 64, High Channel  | 4.0 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | 5470 - 5725 MHz Band      |               |             |         |
|                   | Channel 100, Low Channel  | 3.4 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 116, Mid Channel  | 3.3 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 140, High Channel | 3.9 dbm / MHz | 4 dBm / MHz | Pass    |
| 802.11(n) MCS0    |                           |               |             |         |
|                   | 5150 - 5250 MHz Band      |               |             |         |
|                   | Channel 36, Low Channel   | 3.2 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 48, High Channel  | 3.1 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | 5250 - 5350 MHz Band      |               |             |         |
|                   | Channel 52, Low Channel   | 3.4 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 64, High Channel  | 2.8 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | 5470 - 5725 MHz Band      |               |             |         |
|                   | Channel 100, Low Channel  | 2.1 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 116, Mid Channel  | 2.0 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 140, High Channel | 2.1 dbm / MHz | 4 dBm / MHz | Pass    |
| 802.11(n) MCS7    |                           |               |             |         |
|                   | 5150 - 5250 MHz Band      |               |             |         |
|                   | Channel 36, Low Channel   | 2.2 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 48, High Channel  | 3.2 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | 5250 - 5350 MHz Band      |               |             |         |
|                   | Channel 52, Low Channel   | 2.9 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 64, High Channel  | 2.2 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | 5470 - 5725 MHz Band      |               |             |         |
|                   | Channel 100, Low Channel  | 0.8 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 116, Mid Channel  | 1.0 dbm / MHz | 4 dBm / MHz | Pass    |
|                   | Channel 140, High Channel | 1.2 dbm / MHz | 4 dBm / MHz | Pass    |

802.11(a) 6 Mbps, 5150 - 5250 MHz Band, Channel 36, Low Channel

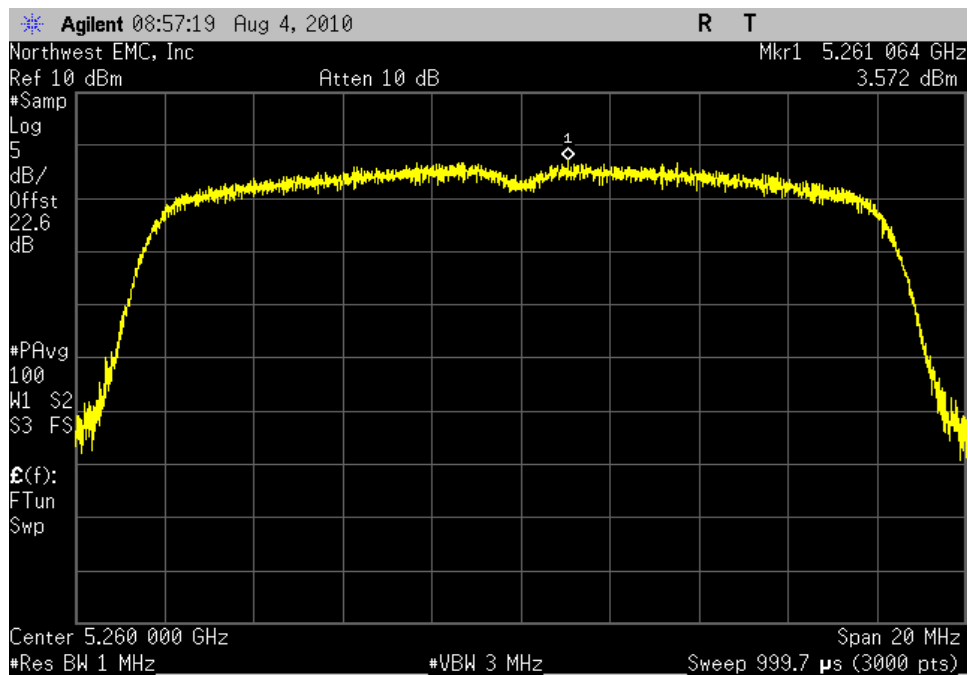
**Result:** Pass**Value:** 3.5 dbm / MHz**Limit:** 4 dBm / MHz

802.11(a) 6 Mbps, 5150 - 5250 MHz Band, Channel 48, High Channel

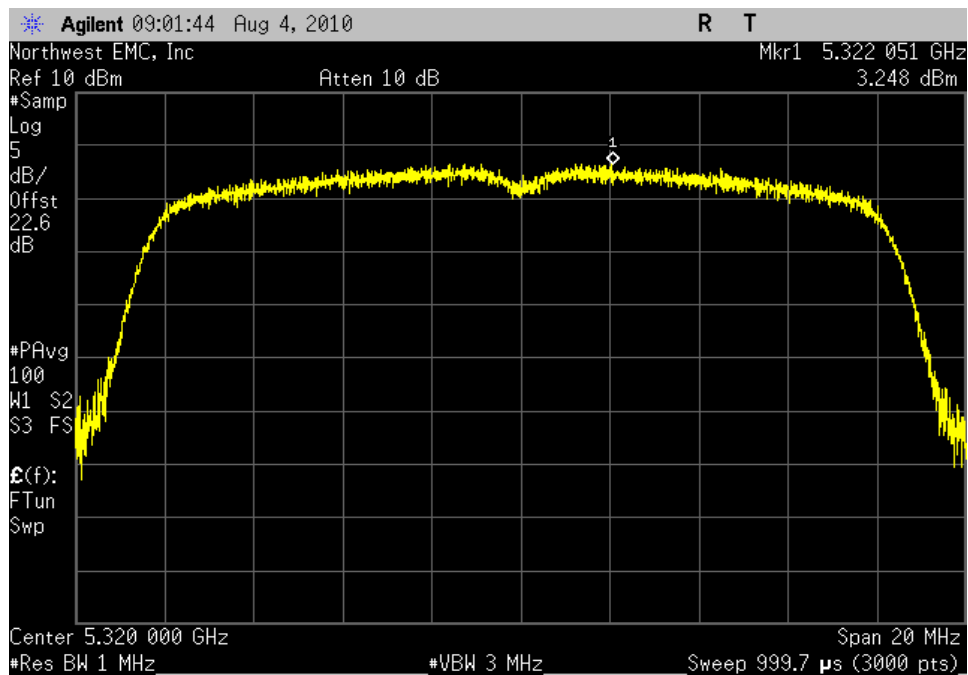
**Result:** Pass**Value:** 3.4 dbm / MHz**Limit:** 4 dBm / MHz



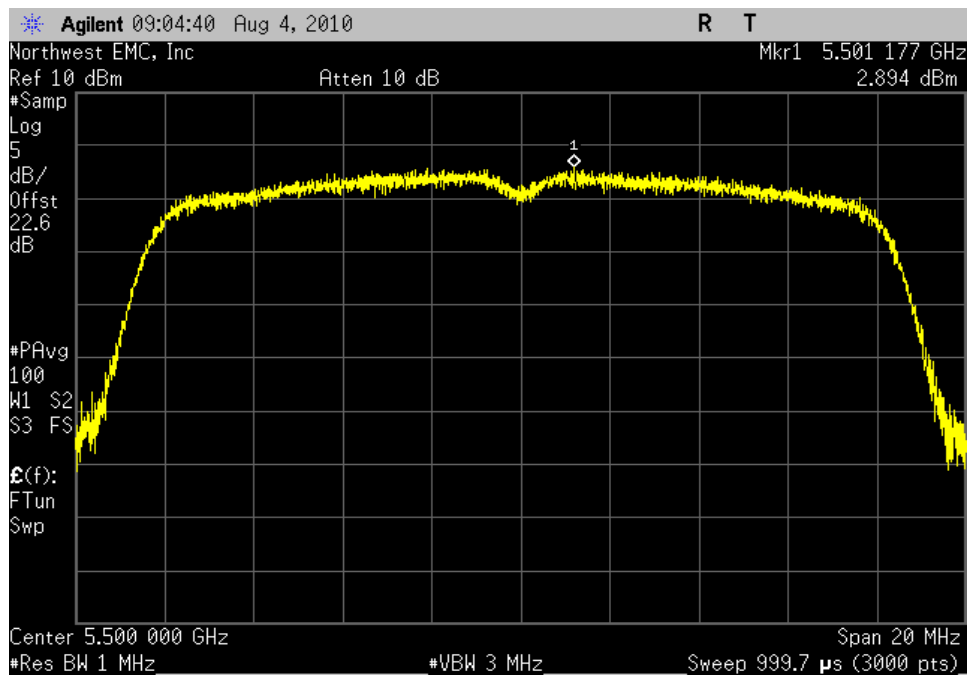
802.11(a) 6 Mbps, 5250 - 5350 MHz Band, Channel 52, Low Channel

**Result:** Pass**Value:** 3.6 dbm / MHz**Limit:** 4 dBm / MHz

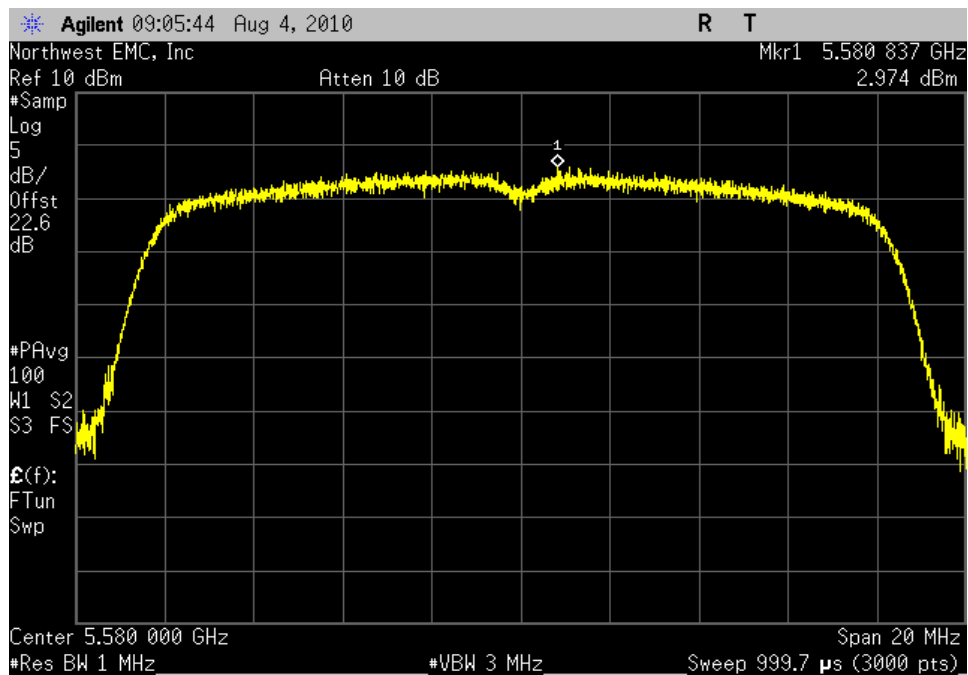
802.11(a) 6 Mbps, 5250 - 5350 MHz Band, Channel 64, High Channel

**Result:** Pass**Value:** 3.2 dbm / MHz**Limit:** 4 dBm / MHz

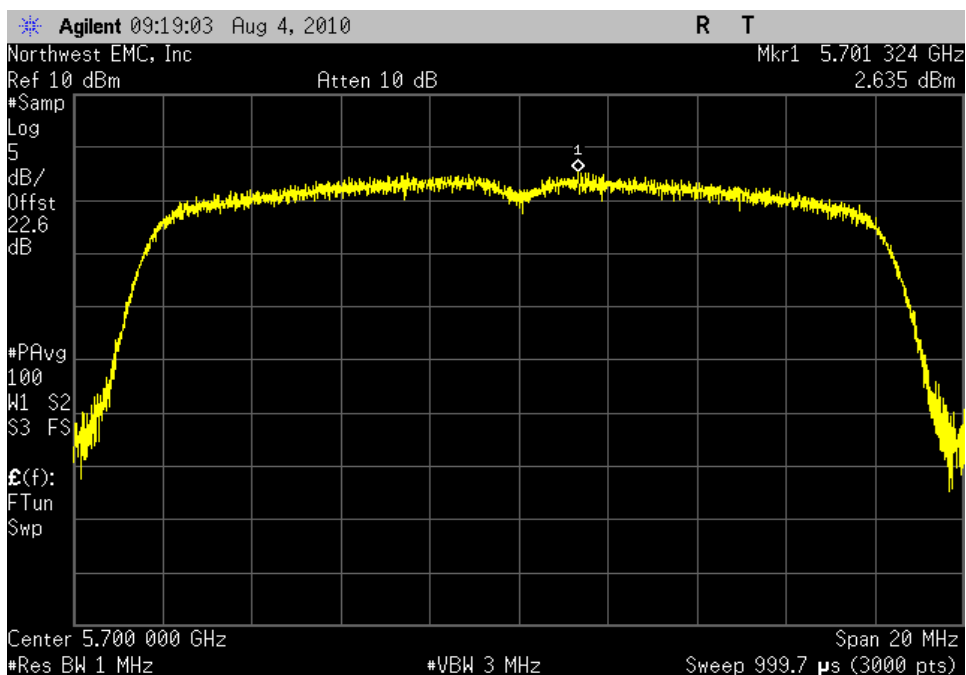
802.11(a) 6 Mbps, 5470 - 5725 MHz Band, Channel 100, Low Channel

**Result:** Pass**Value:** 2.9 dbm / MHz**Limit:** 4 dBm / MHz

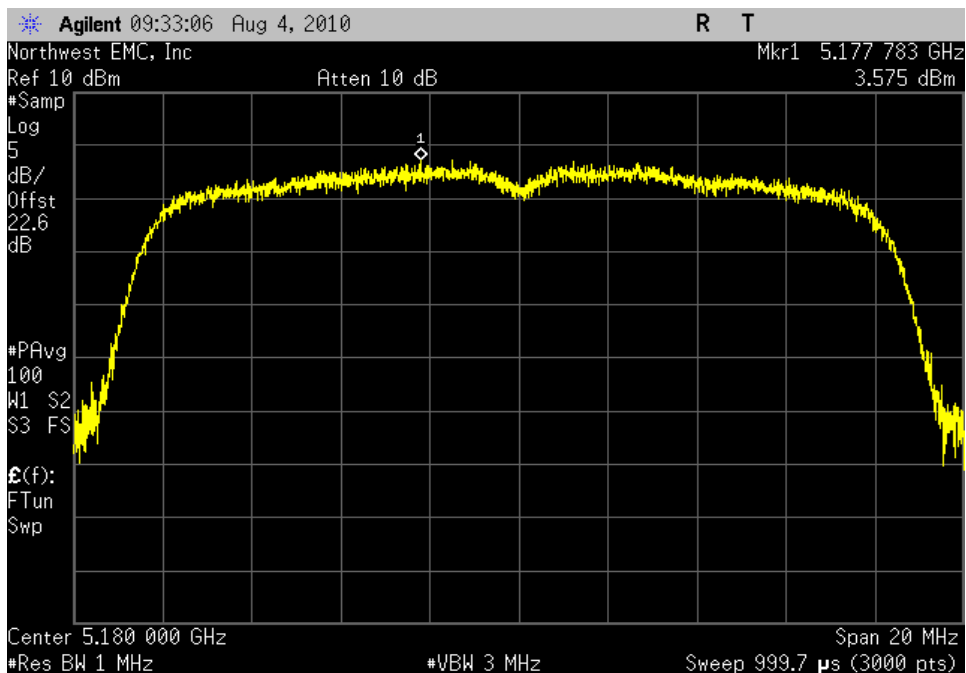
802.11(a) 6 Mbps, 5470 - 5725 MHz Band, Channel 116, Mid Channel

**Result:** Pass**Value:** 3.0 dbm / MHz**Limit:** 4 dBm / MHz

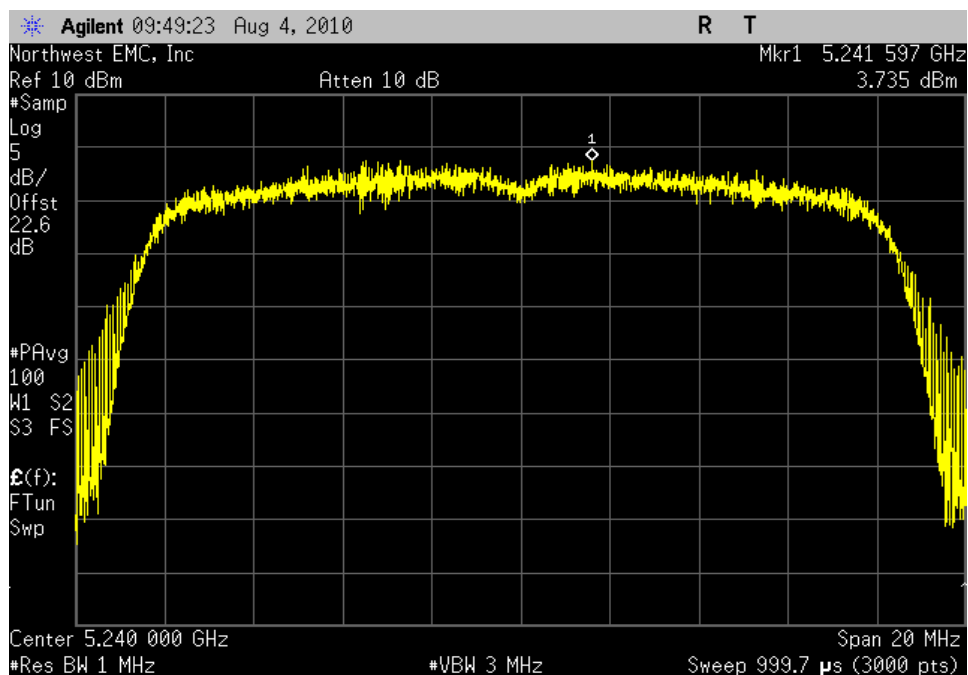
802.11(a) 6 Mbps, 5470 - 5725 MHz Band, Channel 140, High Channel

**Result:** Pass**Value:** 2.6 dbm / MHz**Limit:** 4 dBm / MHz

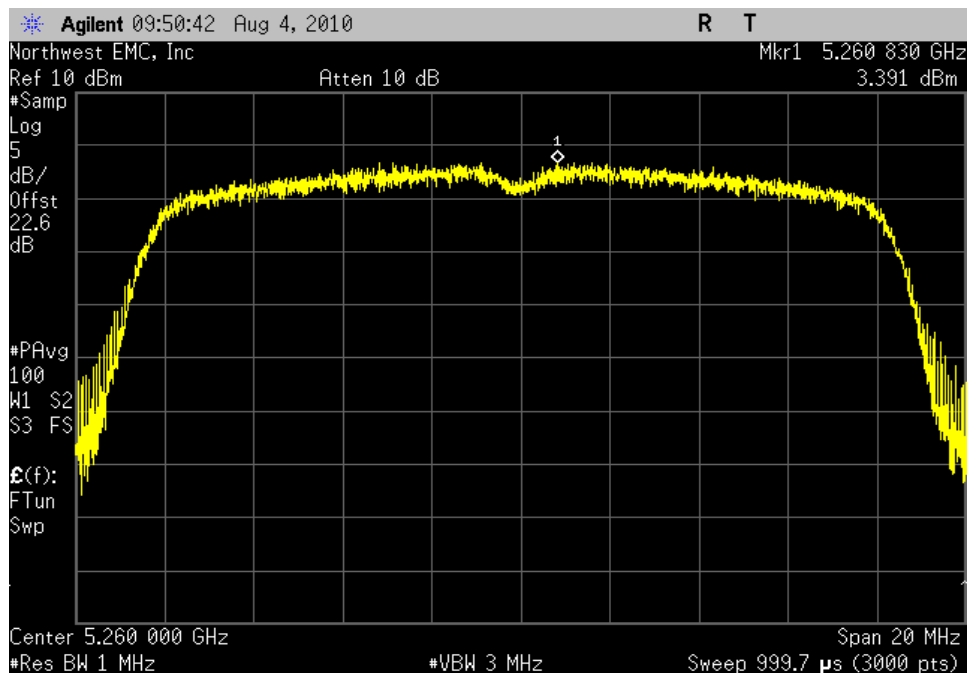
802.11(a) 36 Mbps, 5150 - 5250 MHz Band, Channel 36, Low Channel

**Result:** Pass**Value:** 3.6 dbm / MHz**Limit:** 4 dBm / MHz

802.11(a) 36 Mbps, 5150 - 5250 MHz Band, Channel 48, High Channel

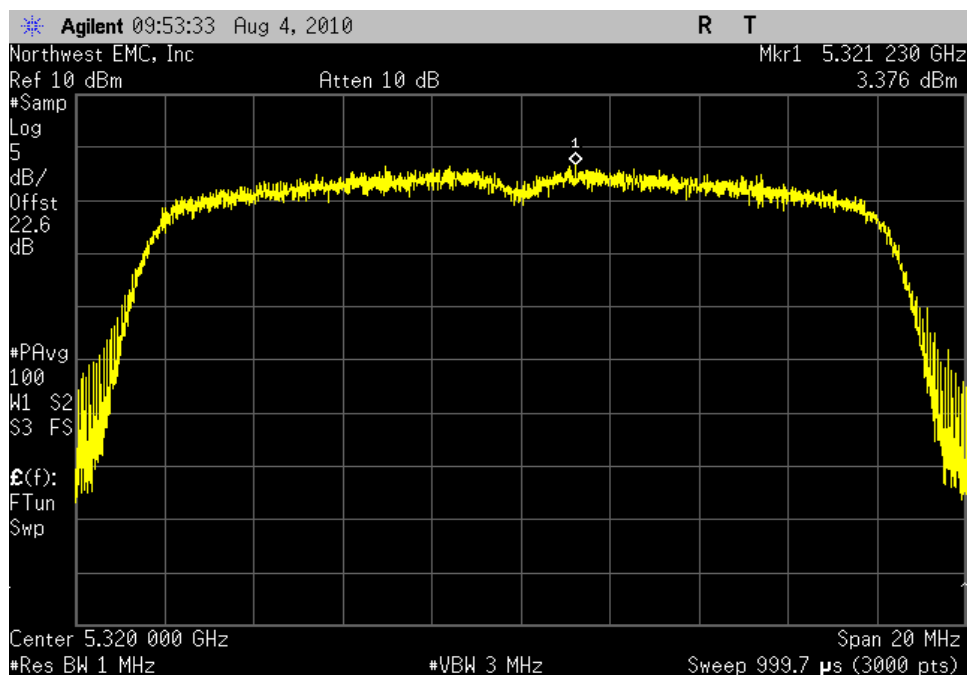
**Result:** Pass**Value:** 3.7 dbm / MHz**Limit:** 4 dBm / MHz

802.11(a) 36 Mbps, 5250 - 5350 MHz Band, Channel 52, Low Channel

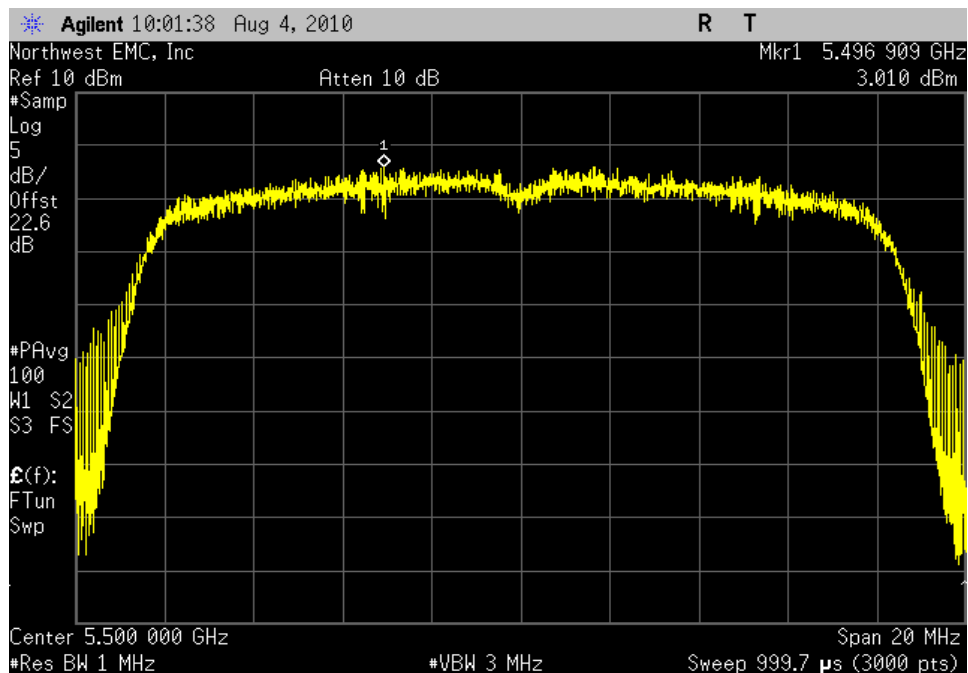
**Result:** Pass**Value:** 3.4 dbm / MHz**Limit:** 4 dBm / MHz



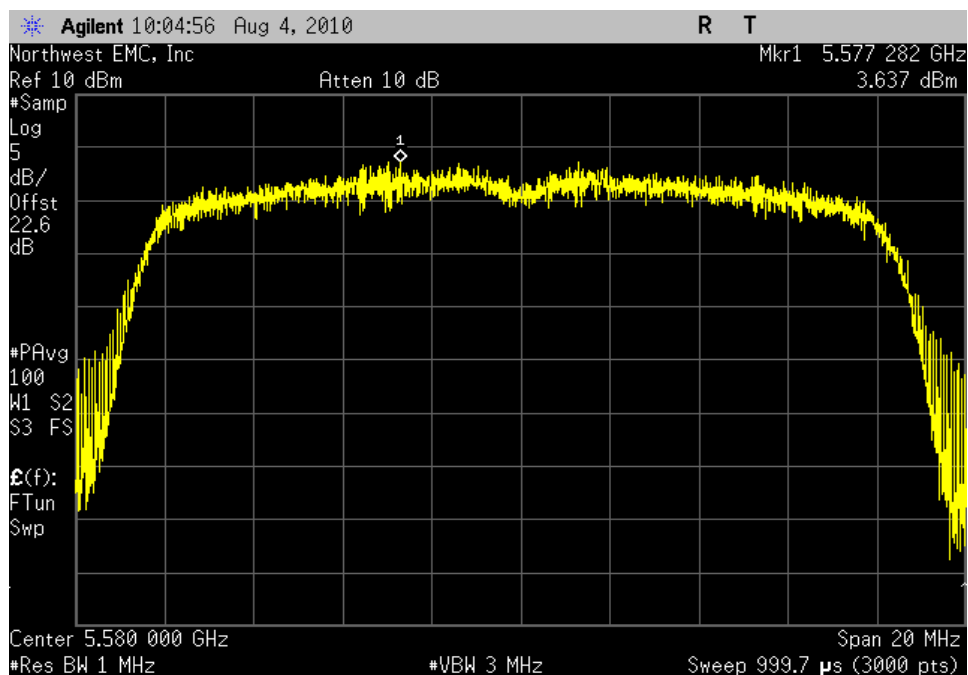
802.11(a) 36 Mbps, 5250 - 5350 MHz Band, Channel 64, High Channel

**Result:** Pass**Value:** 3.4 dbm / MHz**Limit:** 4 dBm / MHz

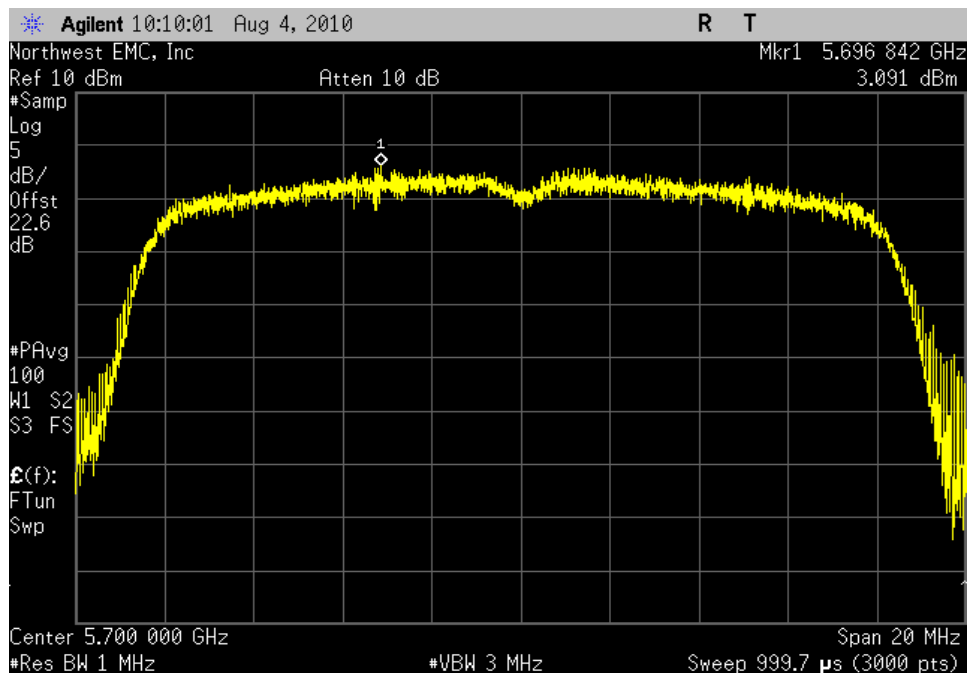
802.11(a) 36 Mbps, 5470 - 5725 MHz Band, Channel 100, Low Channel

**Result:** Pass**Value:** 3.0 dbm / MHz**Limit:** 4 dBm / MHz

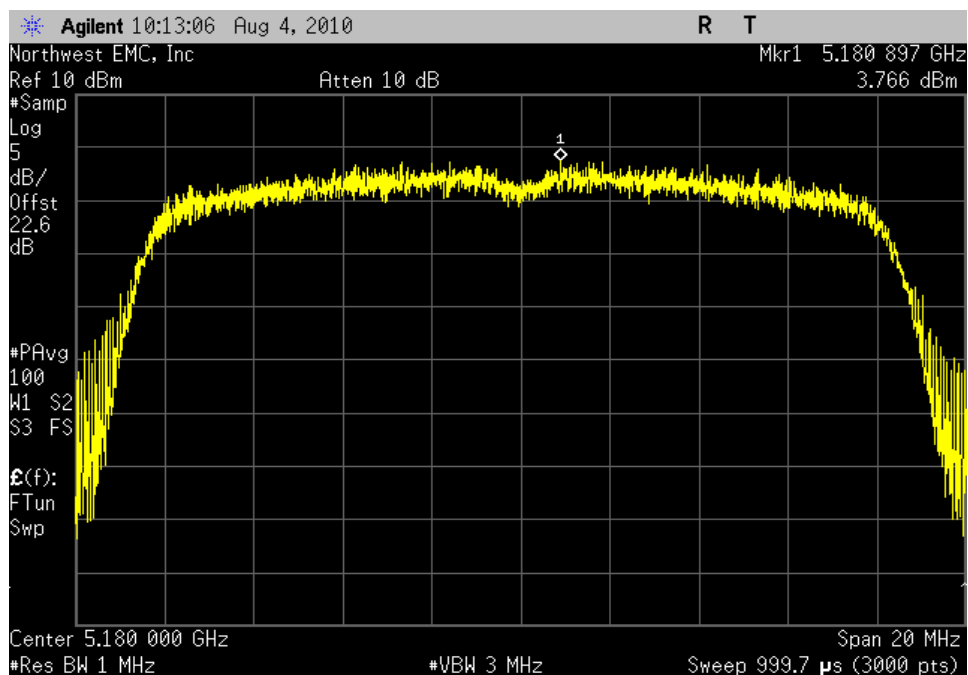
802.11(a) 36 Mbps, 5470 - 5725 MHz Band, Channel 116, Mid Channel

**Result:** Pass**Value:** 3.6 dbm / MHz**Limit:** 4 dBm / MHz

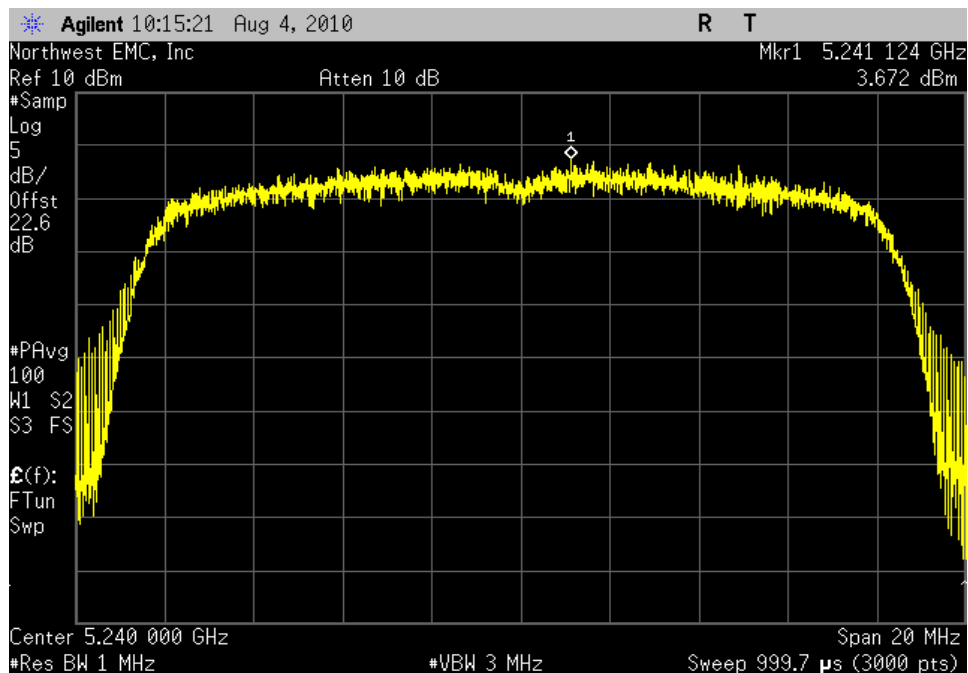
802.11(a) 36 Mbps, 5470 - 5725 MHz Band, Channel 140, High Channel

**Result:** Pass**Value:** 3.1 dbm / MHz**Limit:** 4 dBm / MHz

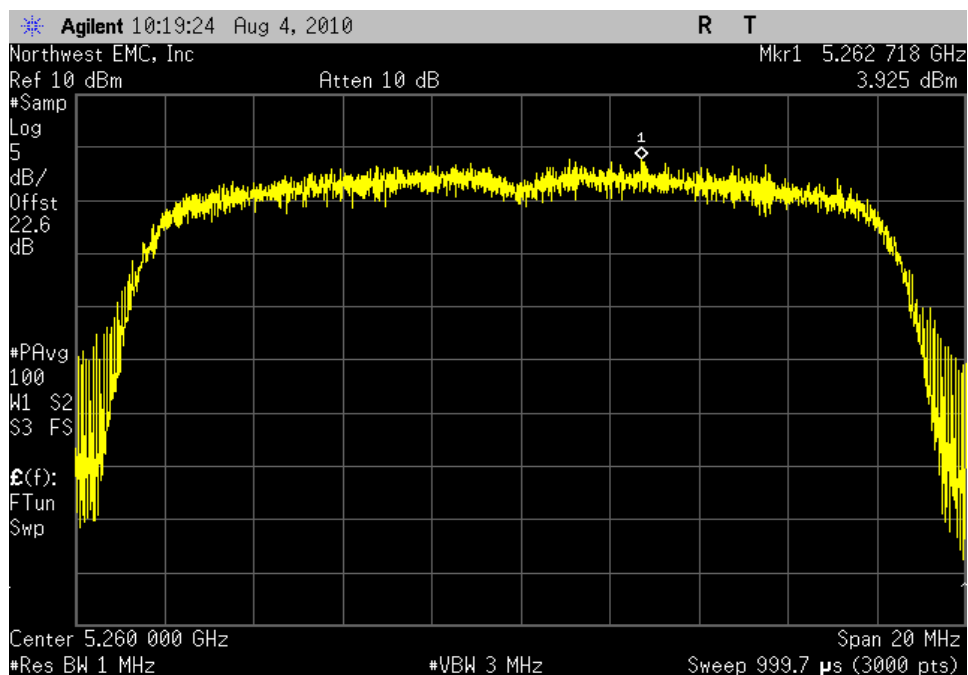
802.11(a) 54 Mbps, 5150 - 5250 MHz Band, Channel 36, Low Channel

**Result:** Pass**Value:** 3.8 dbm / MHz**Limit:** 4 dBm / MHz

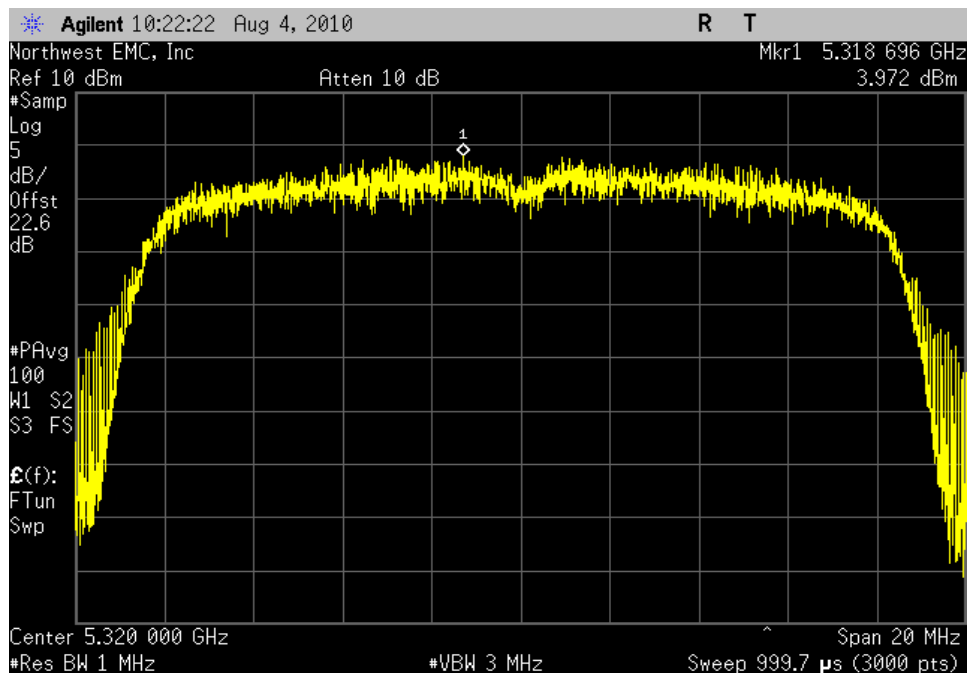
802.11(a) 54 Mbps, 5150 - 5250 MHz Band, Channel 48, High Channel

**Result:** Pass**Value:** 3.7 dbm / MHz**Limit:** 4 dBm / MHz

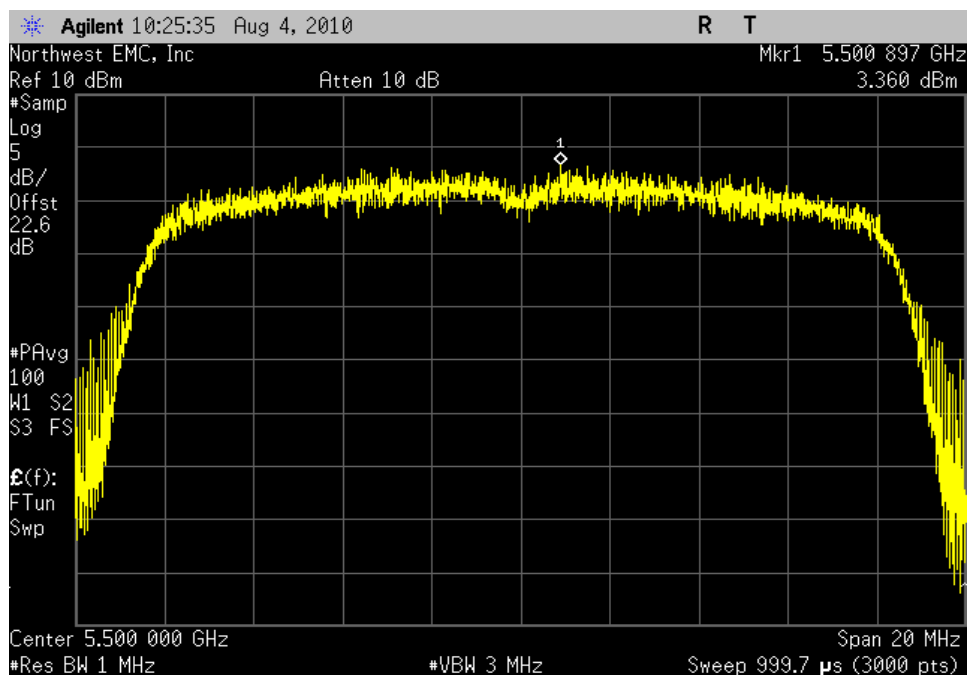
802.11(a) 54 Mbps, 5250 - 5350 MHz Band, Channel 52, Low Channel

**Result:** Pass**Value:** 3.9 dbm / MHz**Limit:** 4 dBm / MHz

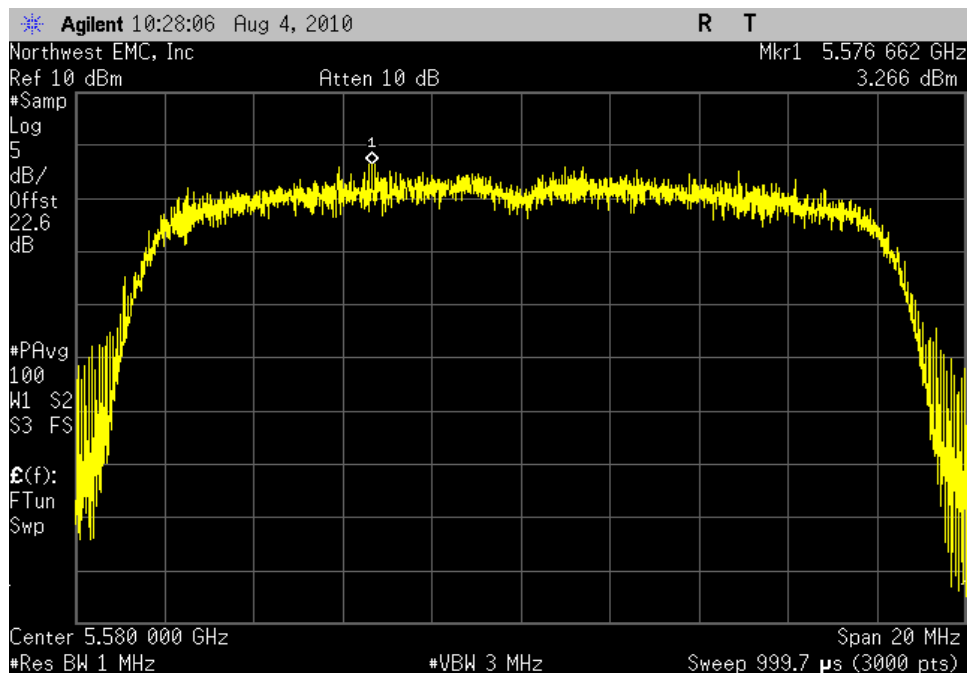
802.11(a) 54 Mbps, 5250 - 5350 MHz Band, Channel 64, High Channel

**Result:** Pass**Value:** 4.0 dbm / MHz**Limit:** 4 dBm / MHz

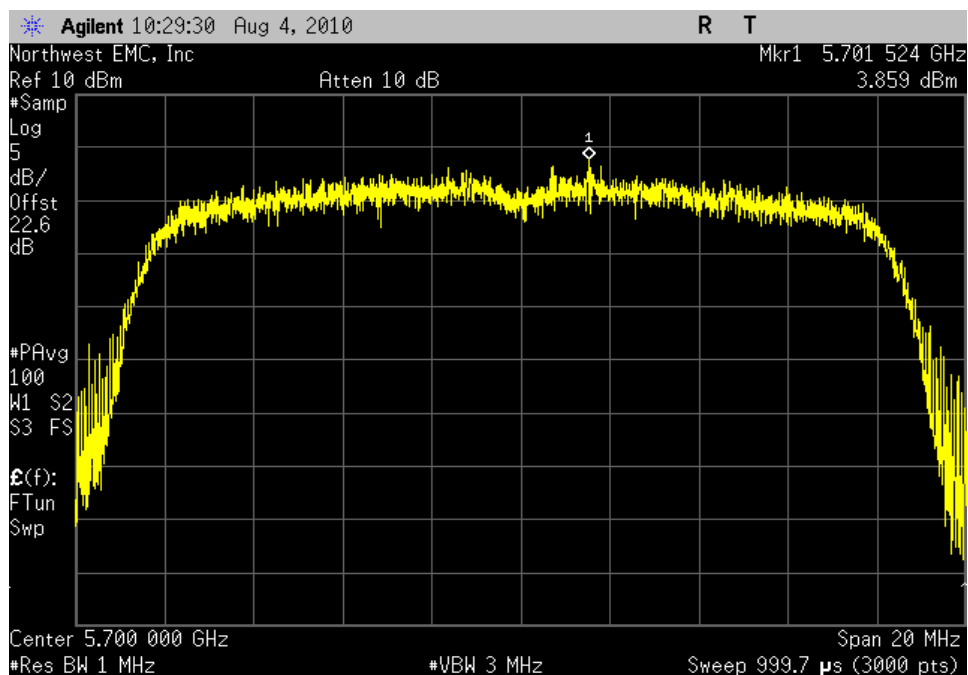
802.11(a) 54 Mbps, 5470 - 5725 MHz Band, Channel 100, Low Channel

**Result:** Pass**Value:** 3.4 dbm / MHz**Limit:** 4 dBm / MHz

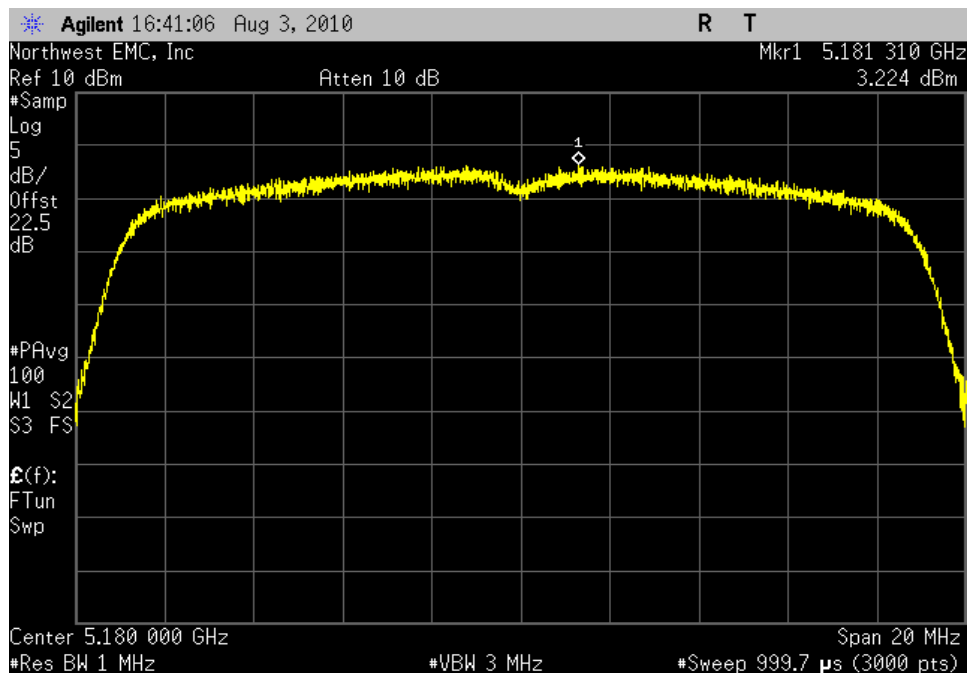
802.11(a) 54 Mbps, 5470 - 5725 MHz Band, Channel 116, Mid Channel

**Result:** Pass**Value:** 3.3 dbm / MHz**Limit:** 4 dBm / MHz

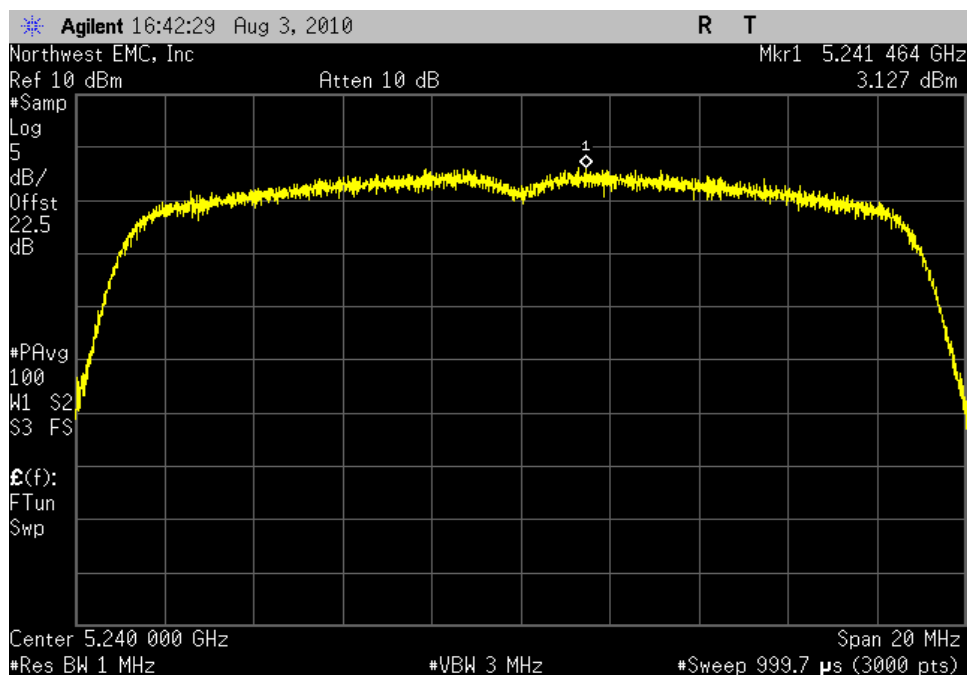
802.11(a) 54 Mbps, 5470 - 5725 MHz Band, Channel 140, High Channel

**Result:** Pass**Value:** 3.9 dbm / MHz**Limit:** 4 dBm / MHz

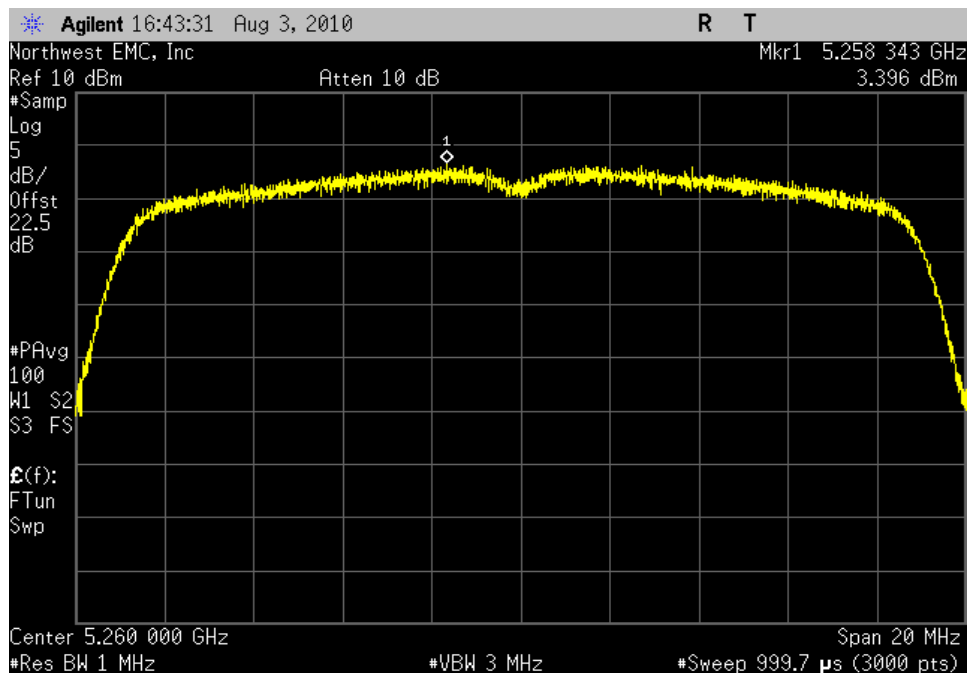
802.11(n) MCS0, 5150 - 5250 MHz Band, Channel 36, Low Channel

**Result:** Pass**Value:** 3.2 dbm / MHz**Limit:** 4 dBm / MHz

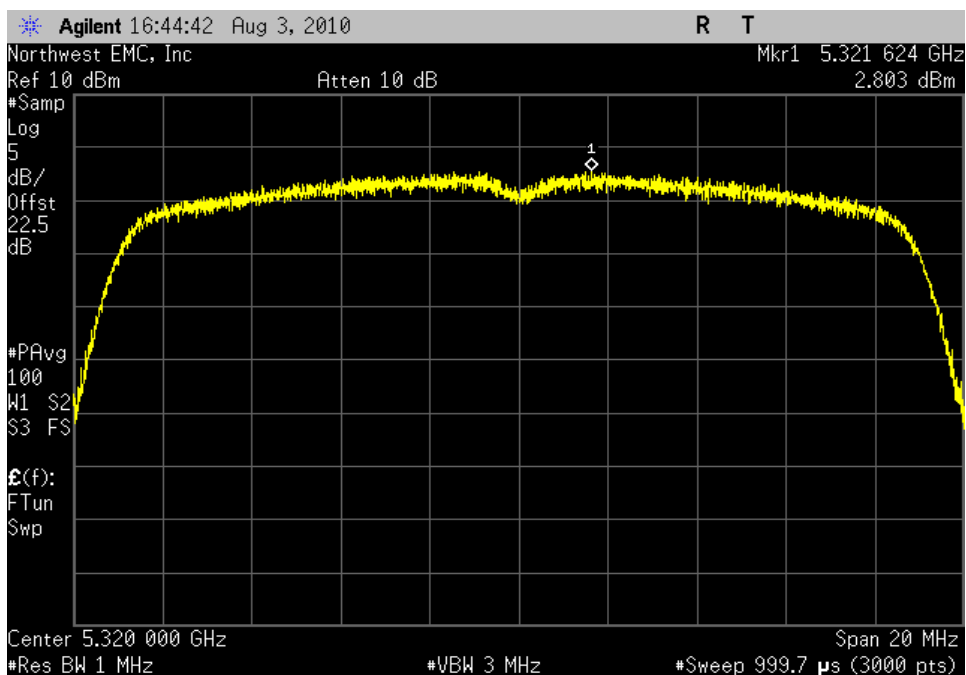
802.11(n) MCS0, 5150 - 5250 MHz Band, Channel 48, High Channel

**Result:** Pass**Value:** 3.1 dbm / MHz**Limit:** 4 dBm / MHz

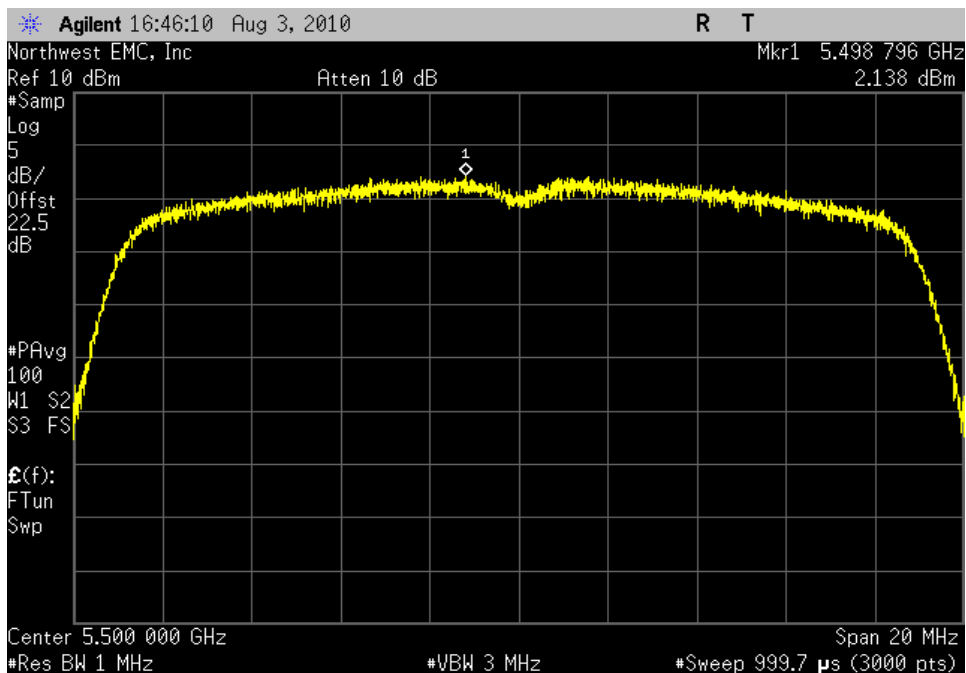
802.11(n) MCS0, 5250 - 5350 MHz Band, Channel 52, Low Channel

**Result:** Pass**Value:** 3.4 dbm / MHz**Limit:** 4 dBm / MHz

802.11(n) MCS0, 5250 - 5350 MHz Band, Channel 64, High Channel

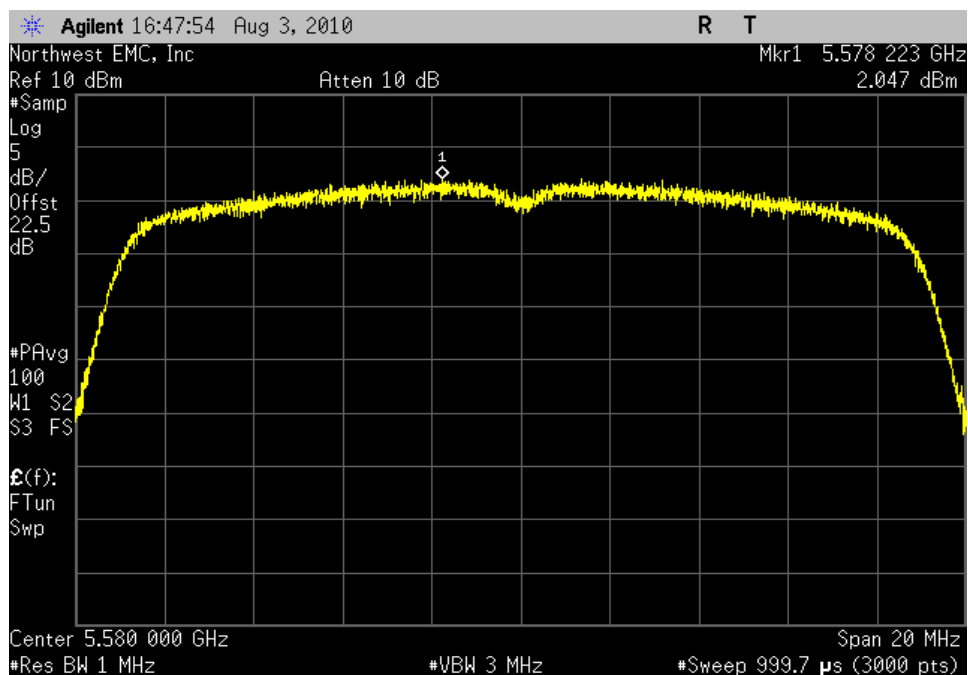
**Result:** Pass**Value:** 2.8 dbm / MHz**Limit:** 4 dBm / MHz

802.11(n) MCS0, 5470 - 5725 MHz Band, Channel 100, Low Channel

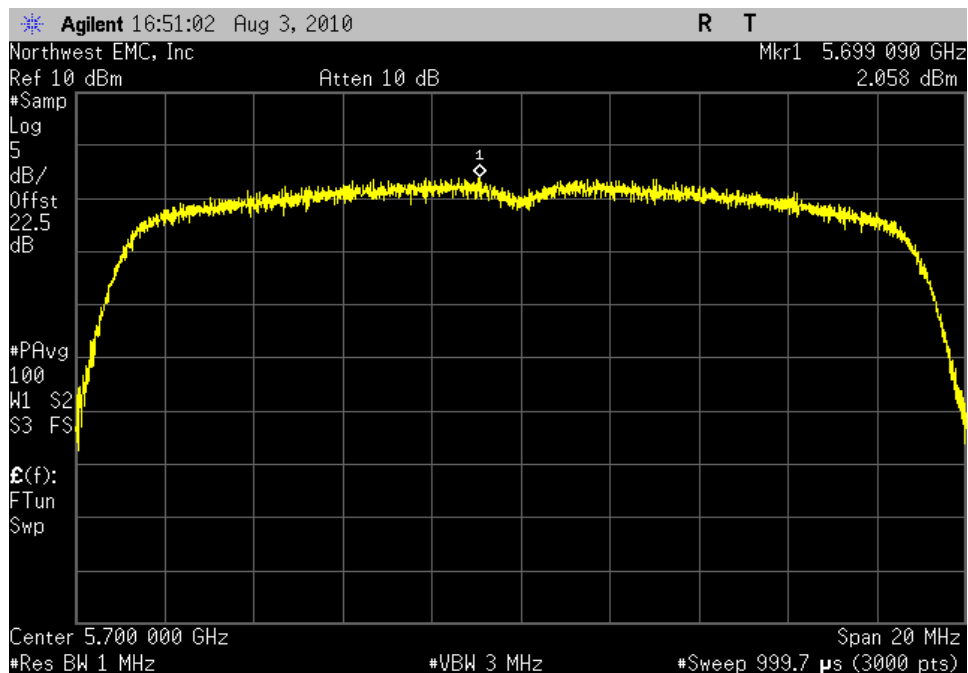
**Result:** Pass**Value:** 2.1 dbm / MHz**Limit:** 4 dBm / MHz



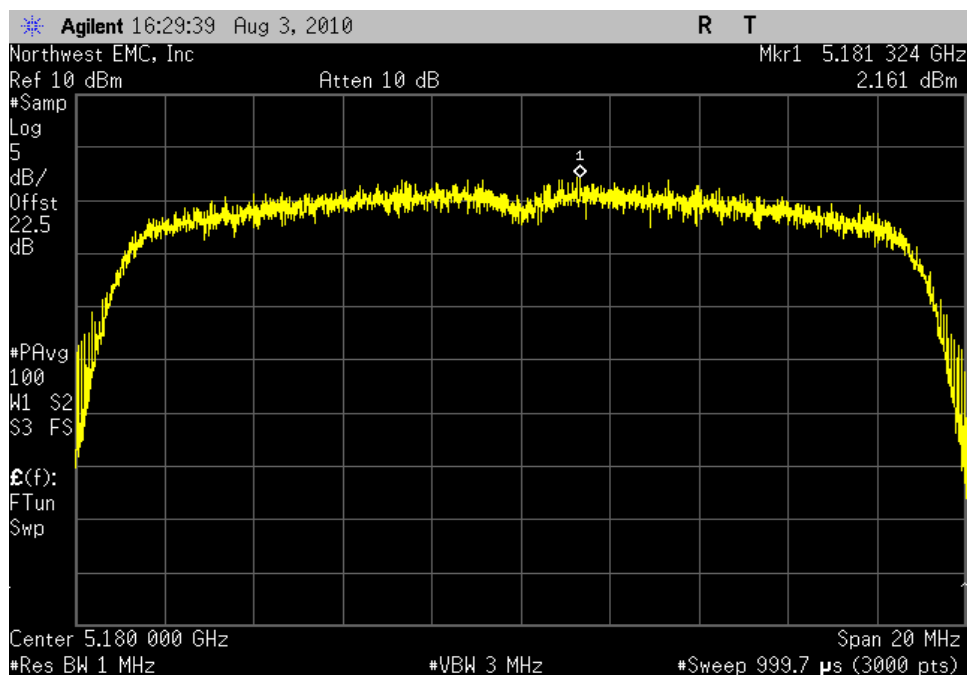
802.11(n) MCS0, 5470 - 5725 MHz Band, Channel 116, Mid Channel

**Result:** Pass**Value:** 2.0 dbm / MHz**Limit:** 4 dBm / MHz

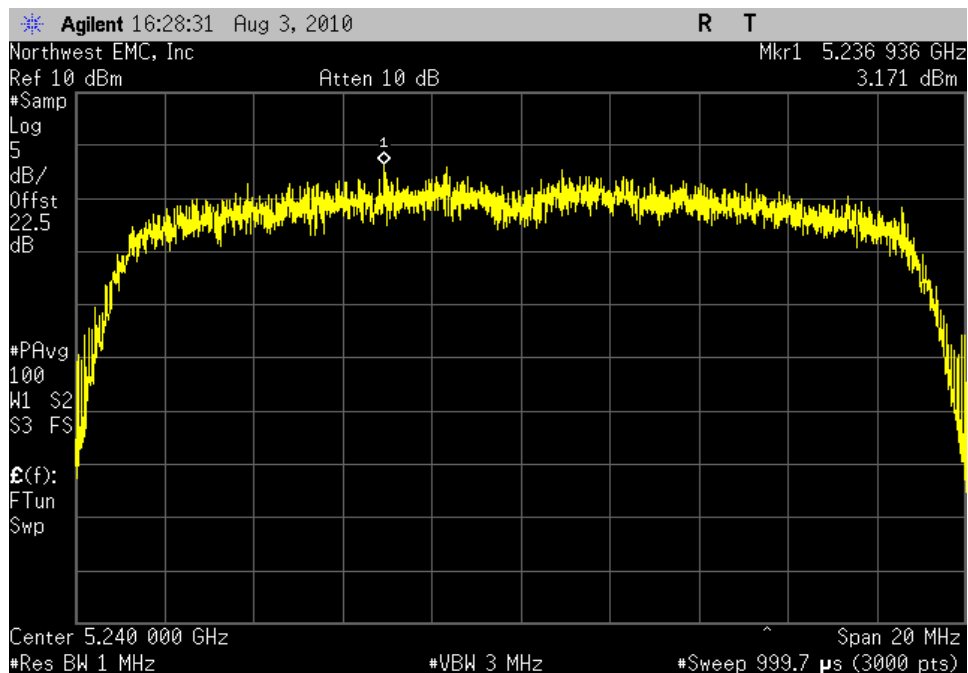
802.11(n) MCS0, 5470 - 5725 MHz Band, Channel 140, High Channel

**Result:** Pass**Value:** 2.1 dbm / MHz**Limit:** 4 dBm / MHz

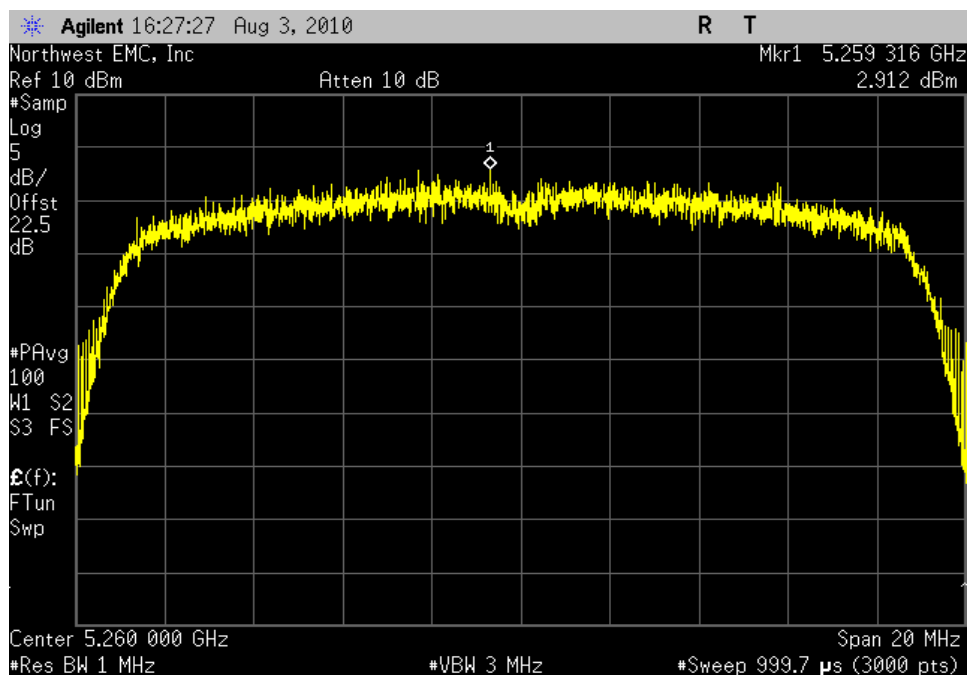
802.11(n) MCS7, 5150 - 5250 MHz Band, Channel 36, Low Channel

**Result:** Pass**Value:** 2.2 dbm / MHz**Limit:** 4 dBm / MHz

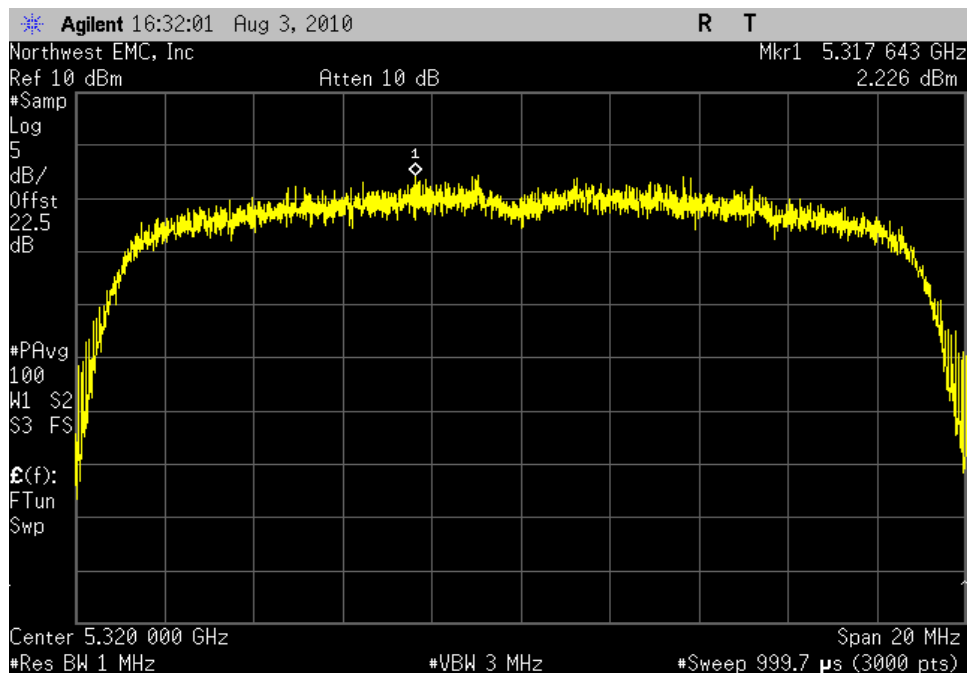
802.11(n) MCS7, 5150 - 5250 MHz Band, Channel 48, High Channel

**Result:** Pass**Value:** 3.2 dbm / MHz**Limit:** 4 dBm / MHz

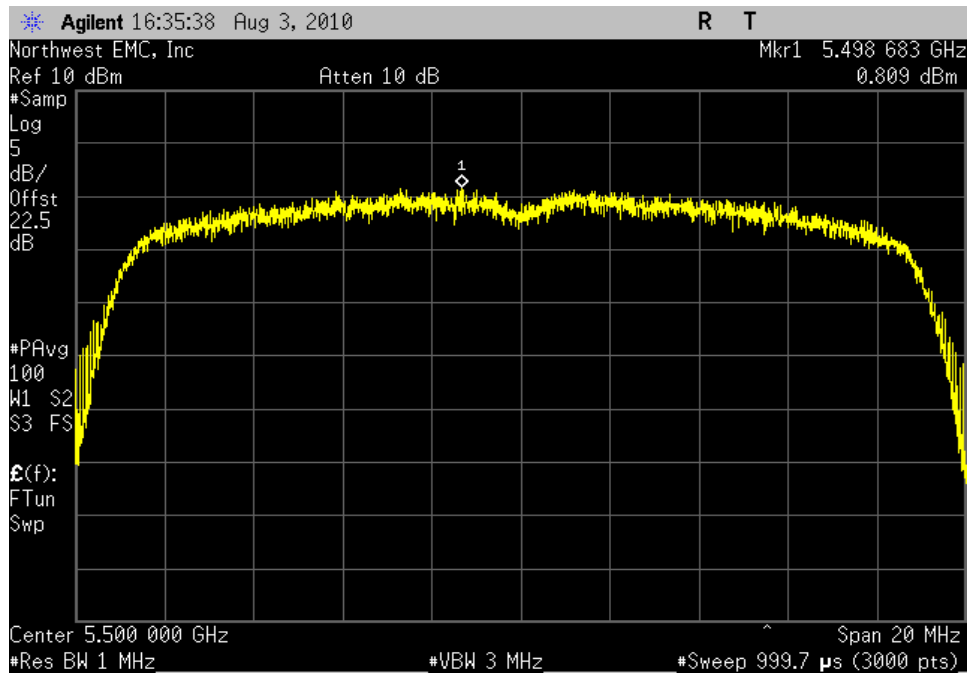
802.11(n) MCS7, 5250 - 5350 MHz Band, Channel 52, Low Channel

**Result:** Pass**Value:** 2.9 dbm / MHz**Limit:** 4 dBm / MHz

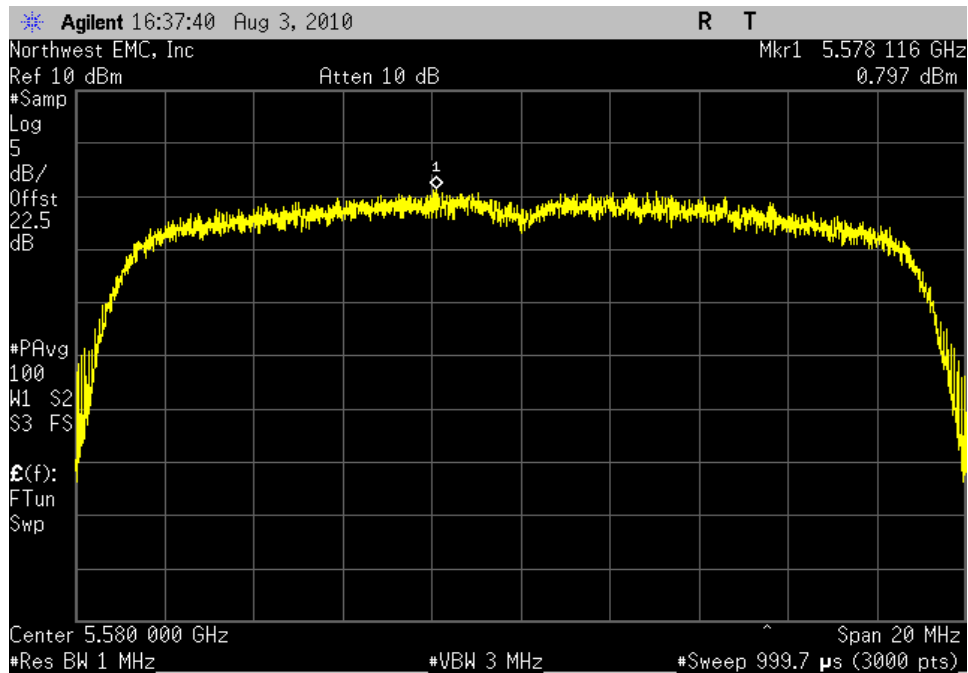
802.11(n) MCS7, 5250 - 5350 MHz Band, Channel 64, High Channel

**Result:** Pass**Value:** 2.2 dbm / MHz**Limit:** 4 dBm / MHz

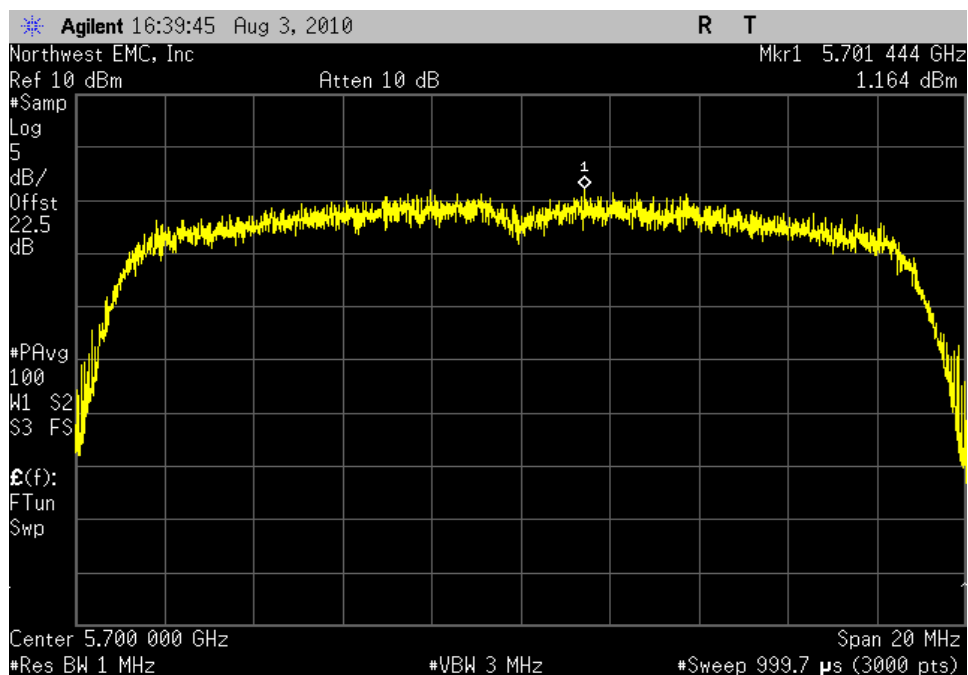
802.11(n) MCS7, 5470 - 5725 MHz Band, Channel 100, Low Channel

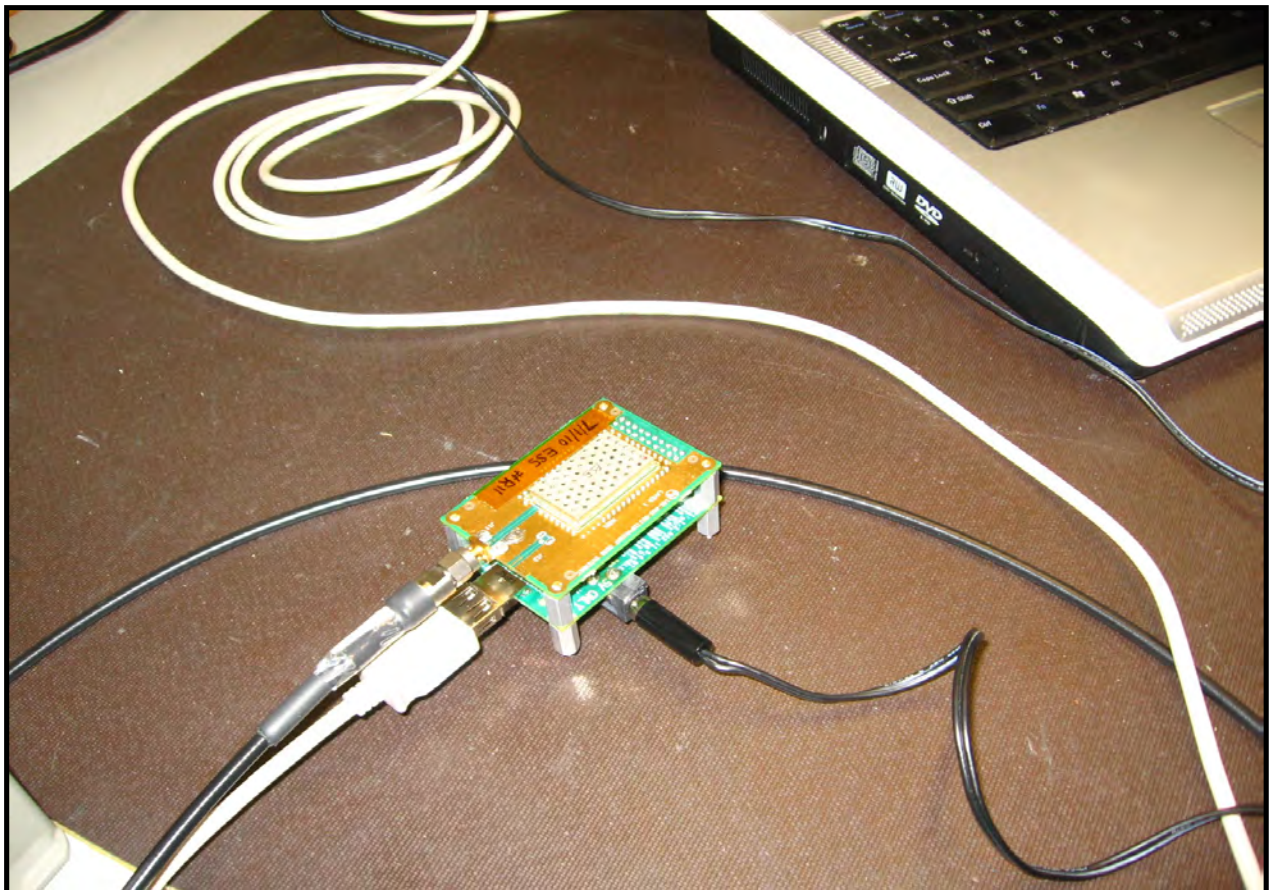
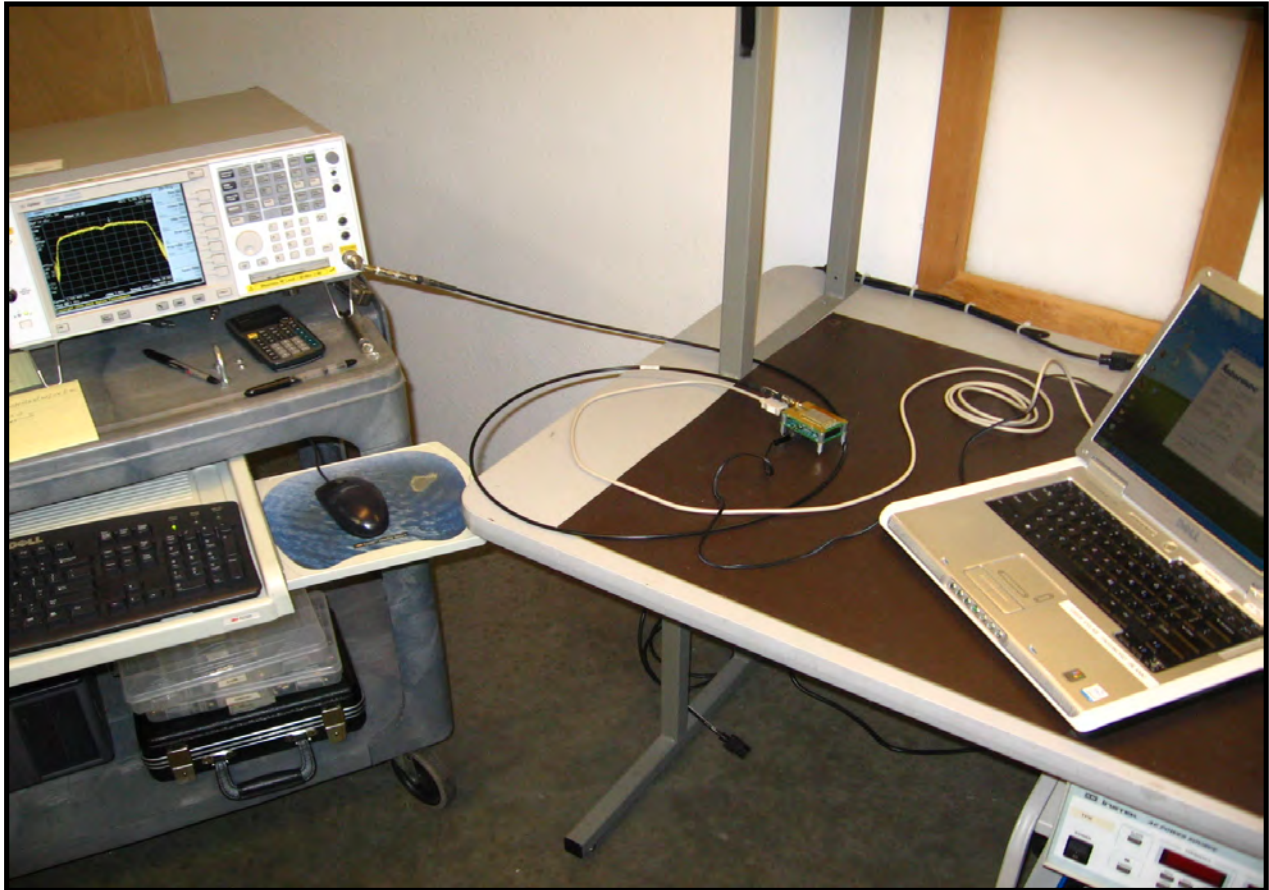
**Result:** Pass**Value:** 0.8 dbm / MHz**Limit:** 4 dBm / MHz

802.11(n) MCS7, 5470 - 5725 MHz Band, Channel 116, Mid Channel

**Result:** Pass**Value:** 1.0 dbm / MHz**Limit:** 4 dBm / MHz

802.11(n) MCS7, 5470 - 5725 MHz Band, Channel 140, High Channel

**Result:** Pass**Value:** 1.2 dbm / MHz**Limit:** 4 dBm / MHz





Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

| TEST EQUIPMENT                  |                  |               |     |            |          |
|---------------------------------|------------------|---------------|-----|------------|----------|
| Description                     | Manufacturer     | Model         | ID  | Last Cal.  | Interval |
| Spectrum Analyzer               | Agilent          | E4440A        | AFD | 6/1/2009   | 24       |
| EV06 Direct Connect Cable       | ESM Cable Corp.  | TT            | ECA | NCR        | 0        |
| 26 GHz DC Block, SMA            | Pasternack       | PE8210        | AME | 10/19/2009 | 13       |
| Attenuator 20 dB, SMA M/F 26GHz | S.M. Electronics | SA26B-20      | AUY | 7/21/2009  | 13       |
| Attenuator, 6 dB, 'SMA'         | N/A              | 93459 3330A-6 | AUF | 4/1/2010   | 13       |
| Power Meter                     | Gigatronics      | 8651A         | SPM | 1/7/2010   | 13       |
| Power Sensor                    | Gigatronics      | 80701A        | SPL | 1/7/2010   | 13       |
| Signal Generator                | Agilent          | E8257D        | TGX | 12/10/2008 | 24       |

#### MEASUREMENT UNCERTAINTY

A measurement uncertainty estimation has been performed for each test per our internal quality document WP 342. The estimation is used to compare the measured result with its "true" or theoretically correct value. The expanded measurement uncertainty for radiated emissions measurements is less than +/- 4 dB, and for conducted emissions measurements is less than +/- 2.7 dB. Our measurement data meets or exceeds the measurement uncertainty requirements of CISPR 16-4; therefore, the test data can be compared directly to the specification limit to determine compliance. The calculations for measurement uncertainty are available upon request.

#### TEST DESCRIPTION

FCC Public Notice DA 02-2138 was followed. The transmit frequency was set to the required channels in each band. The transmit power was set to its default maximum. The lowest, a medium, and the highest data rates were measured. A direct connection was made between the RF output of the EUT and a spectrum analyzer. Attenuation and a DC block were used. The reference level offset on the spectrum analyzer was adjusted to compensate for cable loss and the external attenuation used between the RF output and the spectrum analyzer input.

The spectrum analyzer settings were as follows:

- Span set to encompass the entire emission bandwidth (B), centered on the transmit channel.
- Using the marker delta function, the largest difference between the following two traces was measured:
  - o 1st Trace: RBW = 1 MHz, VBW  $\geq$  3 MHz with peak detector and max-hold settings.
  - o 2nd Trace: Use same settings as were used for peak conducted transmit power. The sample detector was used as well as the VBW being matched to that used on the peak conducted transmit power.

## EMC

## PEAK EXCURSION

|                |                                   |                   |           |
|----------------|-----------------------------------|-------------------|-----------|
| EUT:           | RC12                              | Work Order:       | INMC0575  |
| Serial Number: | R11                               | Date:             | 08/04/10  |
| Customer:      | Intermec Technologies Corporation | Temperature:      | 21°C      |
| Attendees:     | None                              | Humidity:         | 38%       |
| Project:       | None                              | Barometric Pres.: | 1012.5 mb |
| Tested by:     | Rod Peloquin                      | Power:            | 5VDC      |
|                |                                   | Job Site:         | EV06      |

|                     |                  |
|---------------------|------------------|
| TEST SPECIFICATIONS | Test Method      |
| FCC 15.407:2010     | ANSI C63.10:2009 |

|          |
|----------|
| COMMENTS |
| None     |

|                               |
|-------------------------------|
| DEVIATIONS FROM TEST STANDARD |
| No deviations                 |

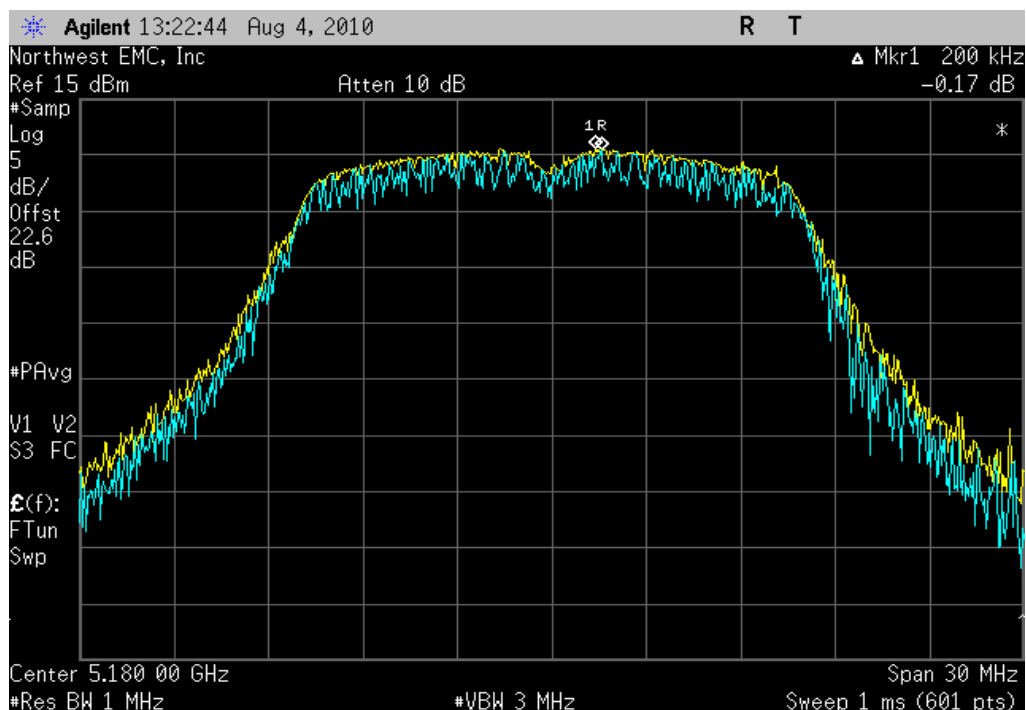
|                 |   |                                                                                             |
|-----------------|---|---------------------------------------------------------------------------------------------|
| Configuration # | 2 | Signature  |
|-----------------|---|---------------------------------------------------------------------------------------------|

|                   |                           | Value  | Limit   | Results |
|-------------------|---------------------------|--------|---------|---------|
| 802.11(a) 6 Mbps  |                           |        |         |         |
|                   | 5150 - 5250 MHz Band      |        |         |         |
|                   | Channel 36, Low Channel   | 0.2 dB | ≤ 13 db | Pass    |
|                   | Channel 48, High Channel  | 0.6 dB | ≤ 13 db | Pass    |
|                   | 5250 - 5350 MHz Band      |        |         |         |
|                   | Channel 52, Low Channel   | 0.8 dB | ≤ 13 db | Pass    |
|                   | Channel 64, High Channel  | 0.9 dB | ≤ 13 db | Pass    |
|                   | 5470 - 5725 MHz Band      |        |         |         |
|                   | Channel 100, Low Channel  | 1.2 dB | ≤ 13 db | Pass    |
|                   | Channel 116, Mid Channel  | 0.5 dB | ≤ 13 db | Pass    |
|                   | Channel 140, High Channel | 0.6 dB | ≤ 13 db | Pass    |
| 802.11(a) 36 Mbps |                           |        |         |         |
|                   | 5150 - 5250 MHz Band      |        |         |         |
|                   | Channel 36, Low Channel   | 0.6 dB | ≤ 13 db | Pass    |
|                   | Channel 48, High Channel  | 0.4 dB | ≤ 13 db | Pass    |
|                   | 5250 - 5350 MHz Band      |        |         |         |
|                   | Channel 52, Low Channel   | 1.1 dB | ≤ 13 db | Pass    |
|                   | Channel 64, High Channel  | 1.3 dB | ≤ 13 db | Pass    |
|                   | 5470 - 5725 MHz Band      |        |         |         |
|                   | Channel 100, Low Channel  | 0.5 dB | ≤ 13 db | Pass    |
|                   | Channel 116, Mid Channel  | 1.5 dB | ≤ 13 db | Pass    |
|                   | Channel 140, High Channel | 1.1 dB | ≤ 13 db | Pass    |
| 802.11(a) 54 Mbps |                           |        |         |         |
|                   | 5150 - 5250 MHz Band      |        |         |         |
|                   | Channel 36, Low Channel   | 0.5 dB | ≤ 13 db | Pass    |
|                   | Channel 48, High Channel  | 1.0 dB | ≤ 13 db | Pass    |
|                   | 5250 - 5350 MHz Band      |        |         |         |
|                   | Channel 52, Low Channel   | 0.8 dB | ≤ 13 db | Pass    |
|                   | Channel 64, High Channel  | 0.8 dB | ≤ 13 db | Pass    |
|                   | 5470 - 5725 MHz Band      |        |         |         |
|                   | Channel 100, Low Channel  | 0.4 dB | ≤ 13 db | Pass    |
|                   | Channel 116, Mid Channel  | 0.3 dB | ≤ 13 db | Pass    |
|                   | Channel 140, High Channel | 0.9 dB | ≤ 13 db | Pass    |
| 802.11(n) MCS0    |                           |        |         |         |
|                   | 5150 - 5250 MHz Band      |        |         |         |
|                   | Channel 36, Low Channel   | 0.2 dB | ≤ 13 db | Pass    |
|                   | Channel 48, High Channel  | 0.8 dB | ≤ 13 db | Pass    |
|                   | 5250 - 5350 MHz Band      |        |         |         |
|                   | Channel 52, Low Channel   | 0.8 dB | ≤ 13 db | Pass    |
|                   | Channel 64, High Channel  | 0.7 dB | ≤ 13 db | Pass    |
|                   | 5470 - 5725 MHz Band      |        |         |         |
|                   | Channel 100, Low Channel  | 0.1 dB | ≤ 13 db | Pass    |
|                   | Channel 116, Mid Channel  | 0.3 dB | ≤ 13 db | Pass    |
|                   | Channel 140, High Channel | 1.2 dB | ≤ 13 db | Pass    |
| 802.11(n) MCS7    |                           |        |         |         |
|                   | 5150 - 5250 MHz Band      |        |         |         |
|                   | Channel 36, Low Channel   | 0.0 dB | ≤ 13 db | Pass    |
|                   | Channel 48, High Channel  | 0.0 dB | ≤ 13 db | Pass    |
|                   | 5250 - 5350 MHz Band      |        |         |         |
|                   | Channel 52, Low Channel   | 0.8 dB | ≤ 13 db | Pass    |
|                   | Channel 64, High Channel  | 0.6 dB | ≤ 13 db | Pass    |
|                   | 5470 - 5725 MHz Band      |        |         |         |
|                   | Channel 100, Low Channel  | 0.9 dB | ≤ 13 db | Pass    |
|                   | Channel 116, Mid Channel  | 0.2 dB | ≤ 13 db | Pass    |
|                   | Channel 140, High Channel | 1.5 dB | ≤ 13 db | Pass    |

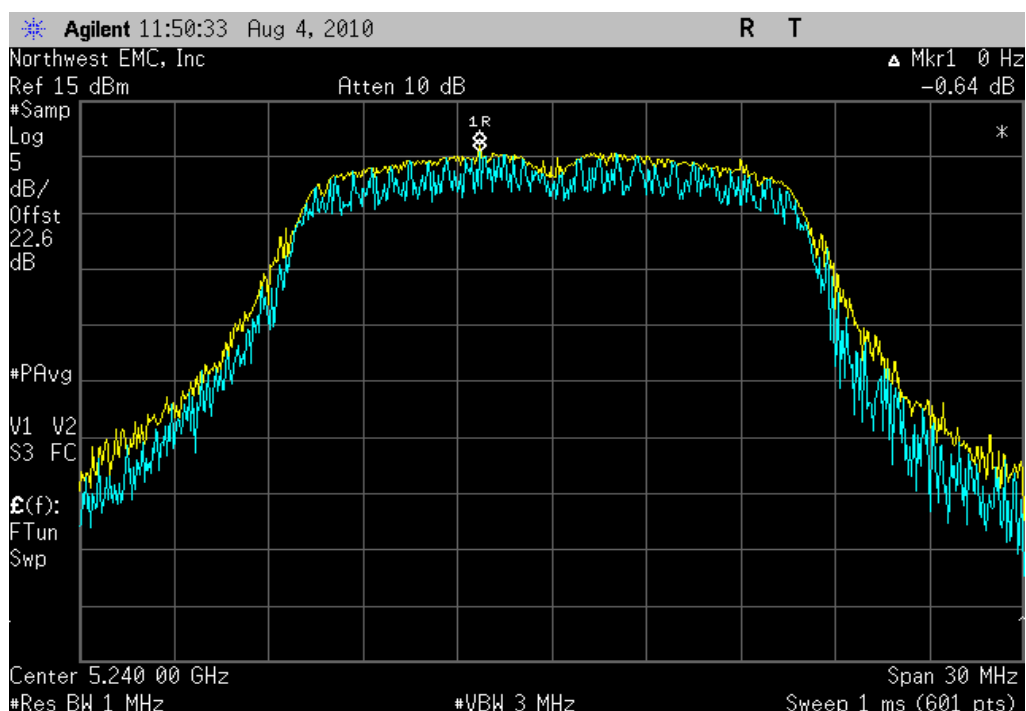


## PEAK EXCURSION

802.11(a) 6 Mbps, 5150 - 5250 MHz Band, Channel 36, Low Channel

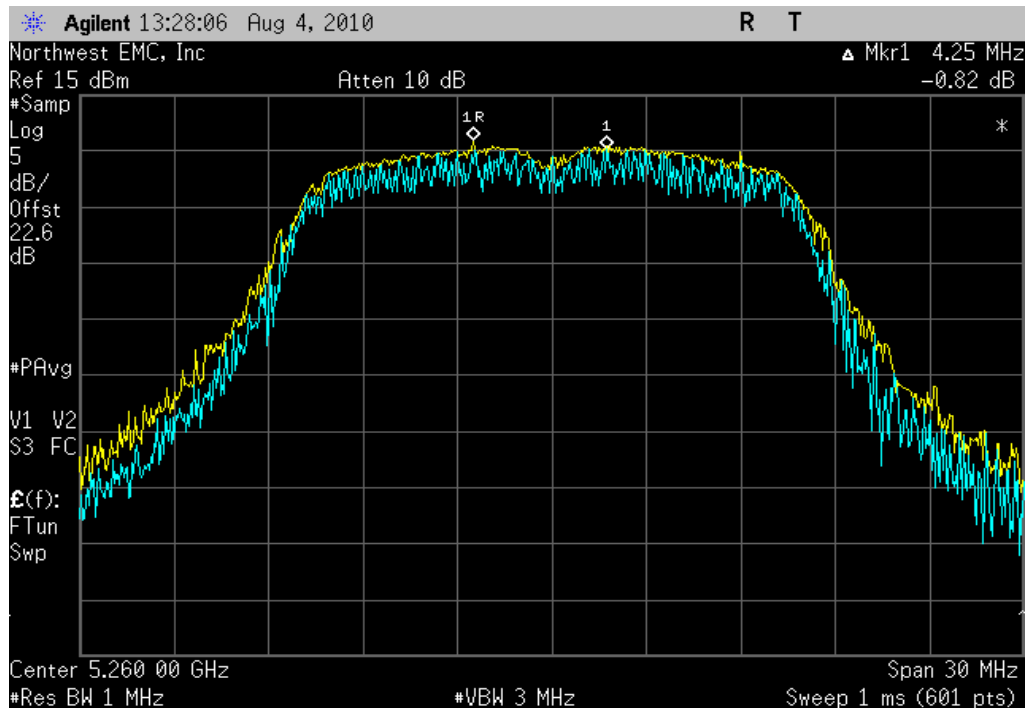
**Result:** Pass **Value:** 0.2 dB **Limit:**  $\leq 13$  db

802.11(a) 6 Mbps, 5150 - 5250 MHz Band, Channel 48, High Channel

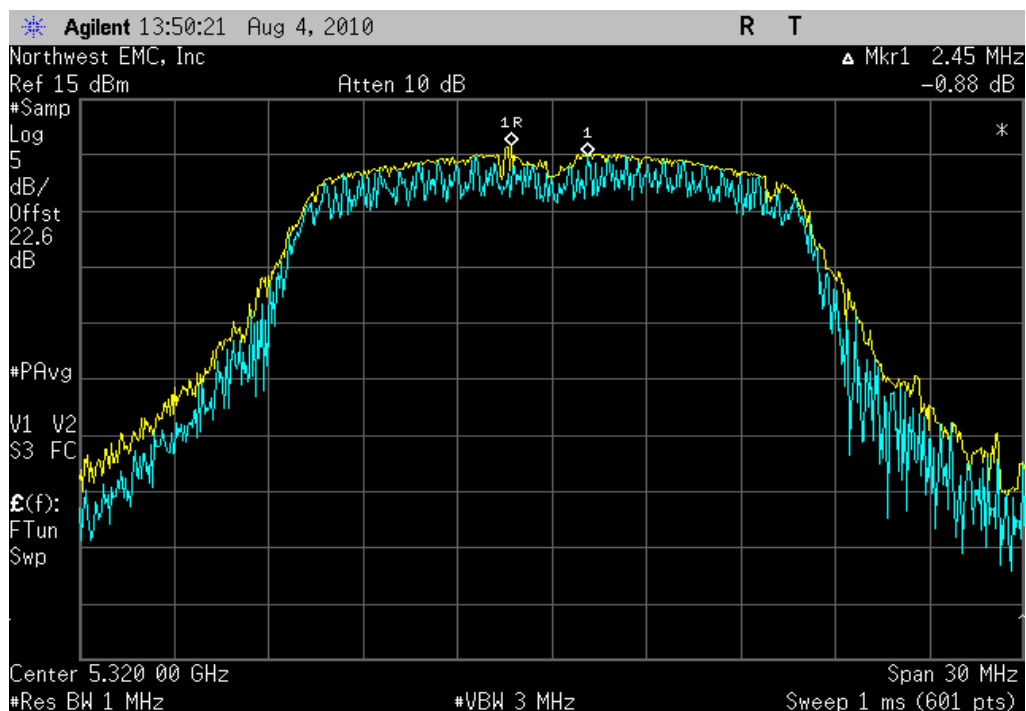
**Result:** Pass **Value:** 0.6 dB **Limit:**  $\leq 13$  db

## PEAK EXCURSION

802.11(a) 6 Mbps, 5250 - 5350 MHz Band, Channel 52, Low Channel

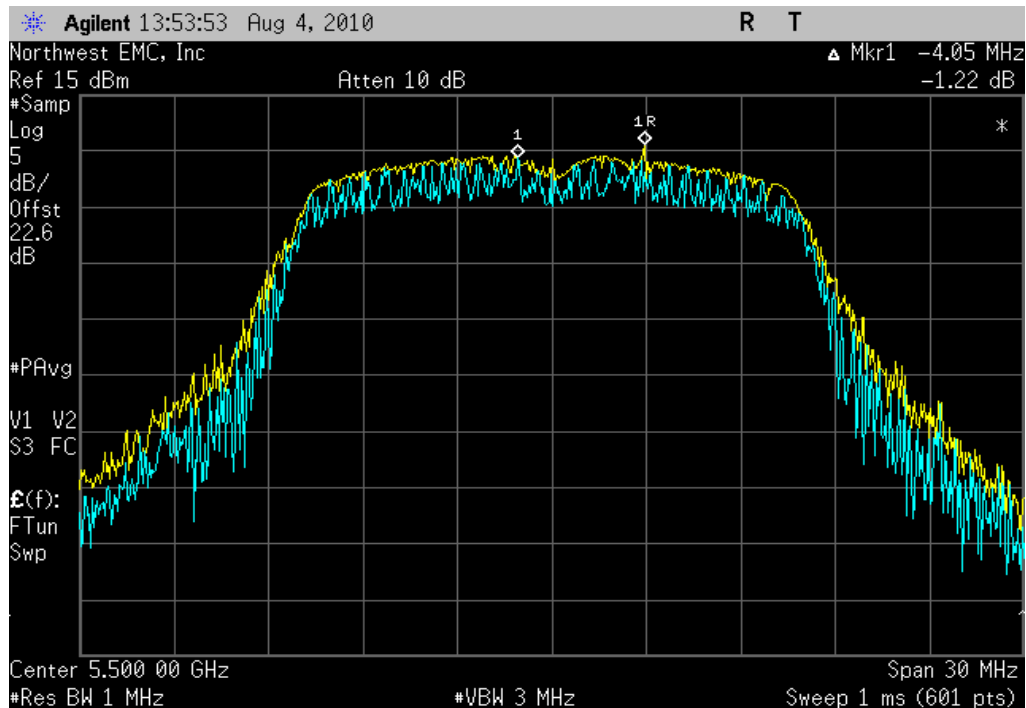
**Result:** Pass **Value:** 0.8 dB **Limit:**  $\leq 13$  db

802.11(a) 6 Mbps, 5250 - 5350 MHz Band, Channel 64, High Channel

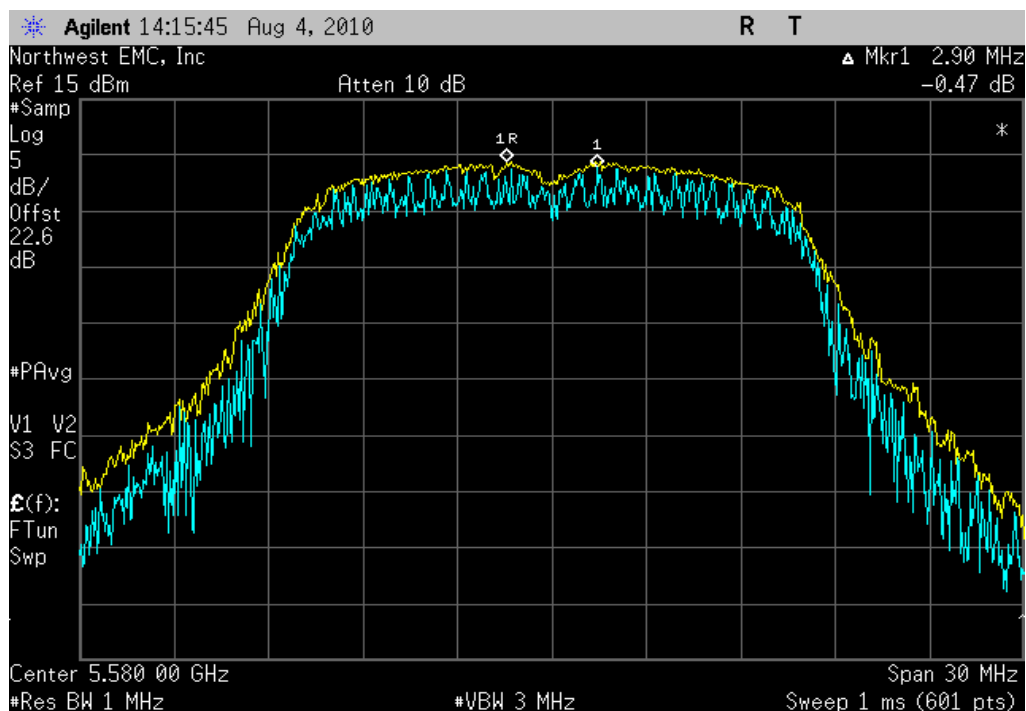
**Result:** Pass **Value:** 0.9 dB **Limit:**  $\leq 13$  db

## PEAK EXCURSION

802.11(a) 6 Mbps, 5470 - 5725 MHz Band, Channel 100, Low Channel

**Result:** Pass **Value:** 1.2 dB **Limit:**  $\leq 13$  db

802.11(a) 6 Mbps, 5470 - 5725 MHz Band, Channel 116, Mid Channel

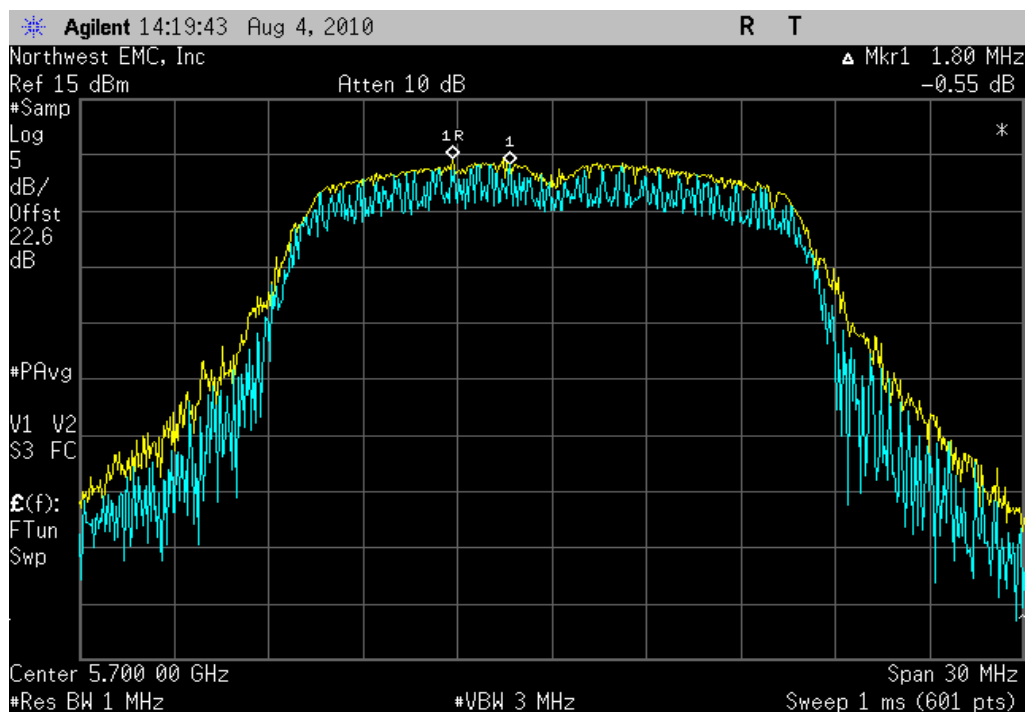
**Result:** Pass **Value:** 0.5 dB **Limit:**  $\leq 13$  db

## PEAK EXCURSION

802.11(a) 6 Mbps, 5470 - 5725 MHz Band, Channel 140, High Channel

Result: Pass

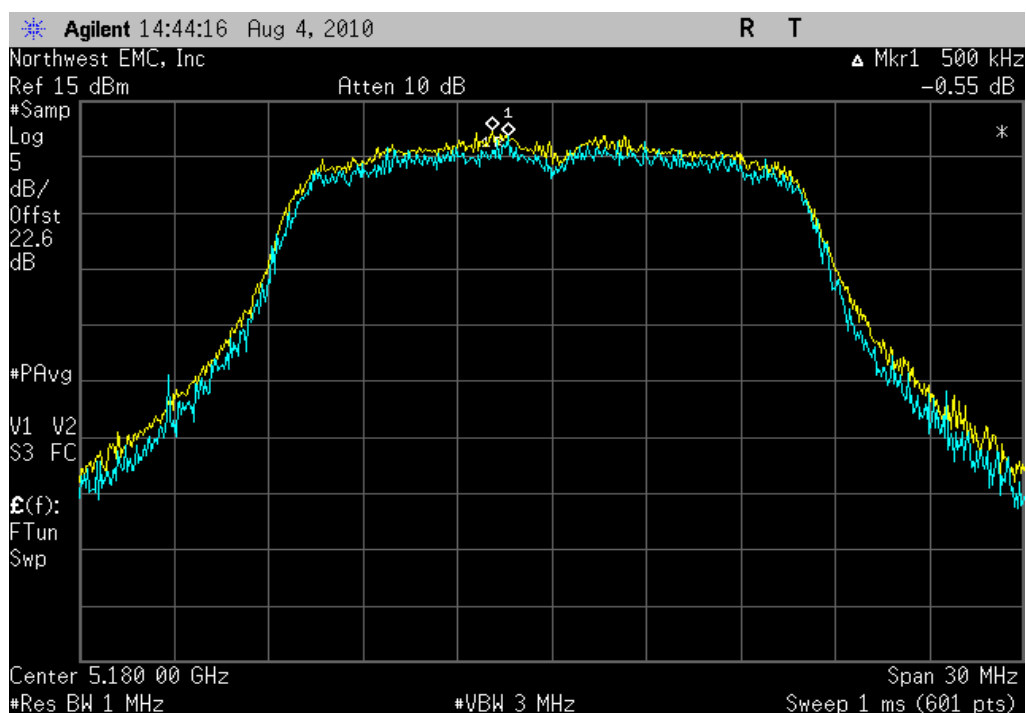
Value: 0.6 dB

Limit:  $\leq 13$  db

802.11(a) 36 Mbps, 5150 - 5250 MHz Band, Channel 36, Low Channel

Result: Pass

Value: 0.6 dB

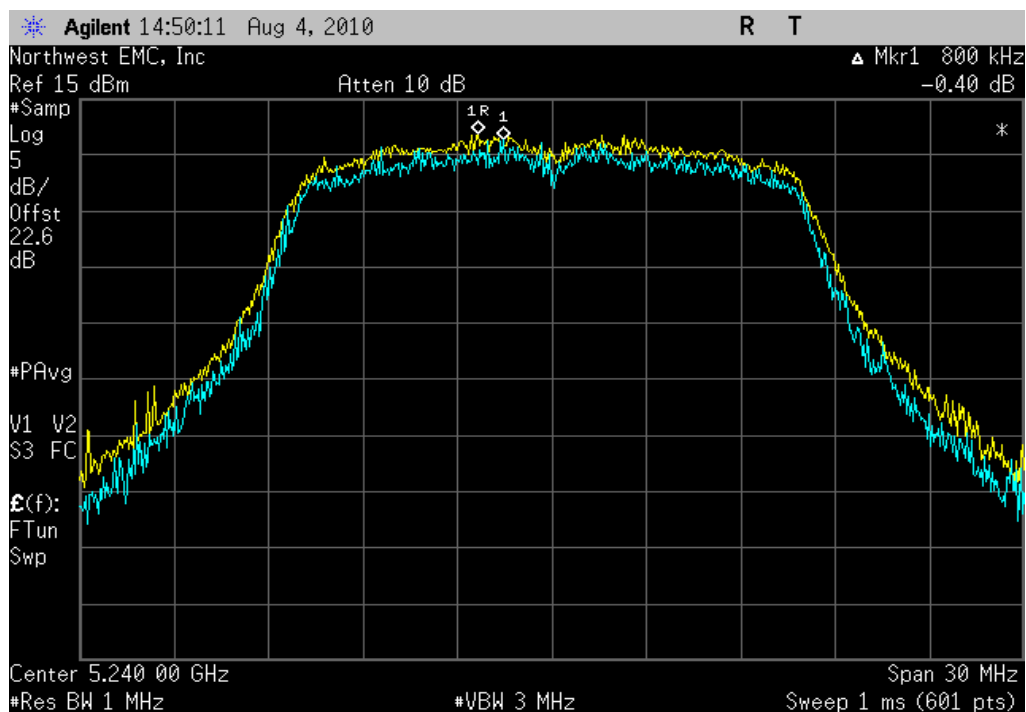
Limit:  $\leq 13$  db

## PEAK EXCURSION

802.11(a) 36 Mbps, 5150 - 5250 MHz Band, Channel 48, High Channel

Result: Pass

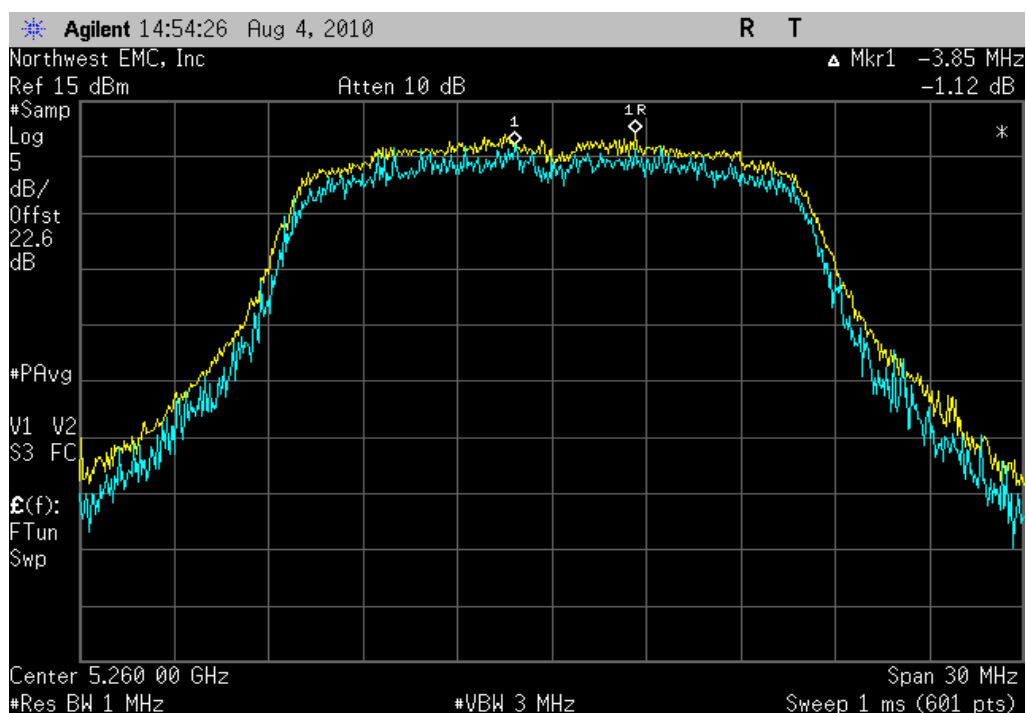
Value: 0.4 dB

Limit:  $\leq 13$  dB

802.11(a) 36 Mbps, 5250 - 5350 MHz Band, Channel 52, Low Channel

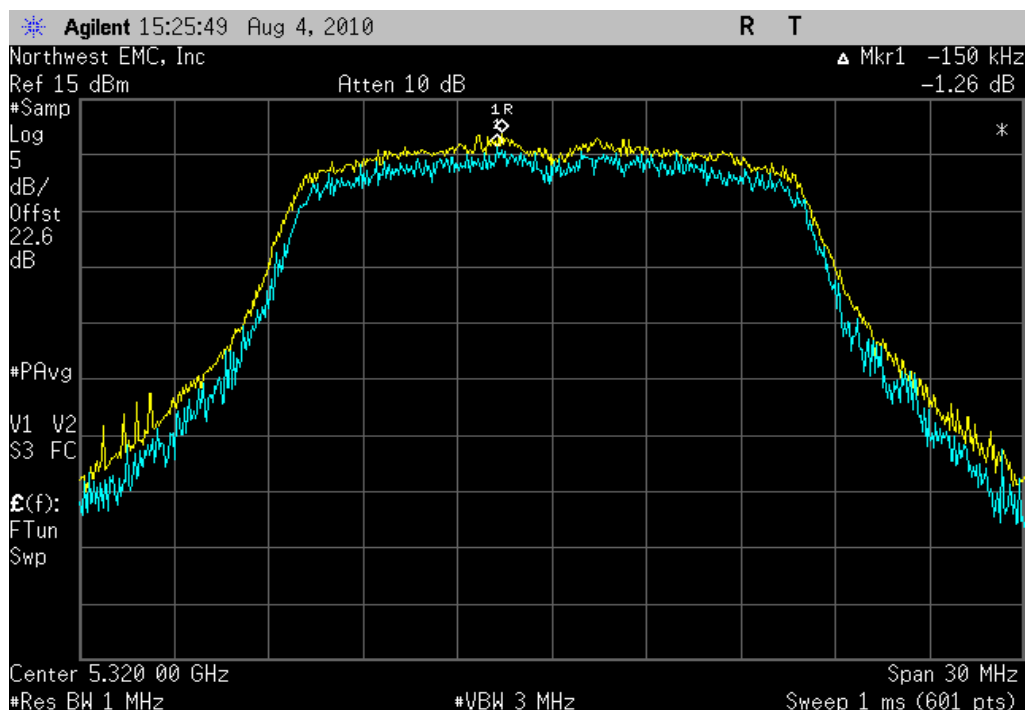
Result: Pass

Value: 1.1 dB

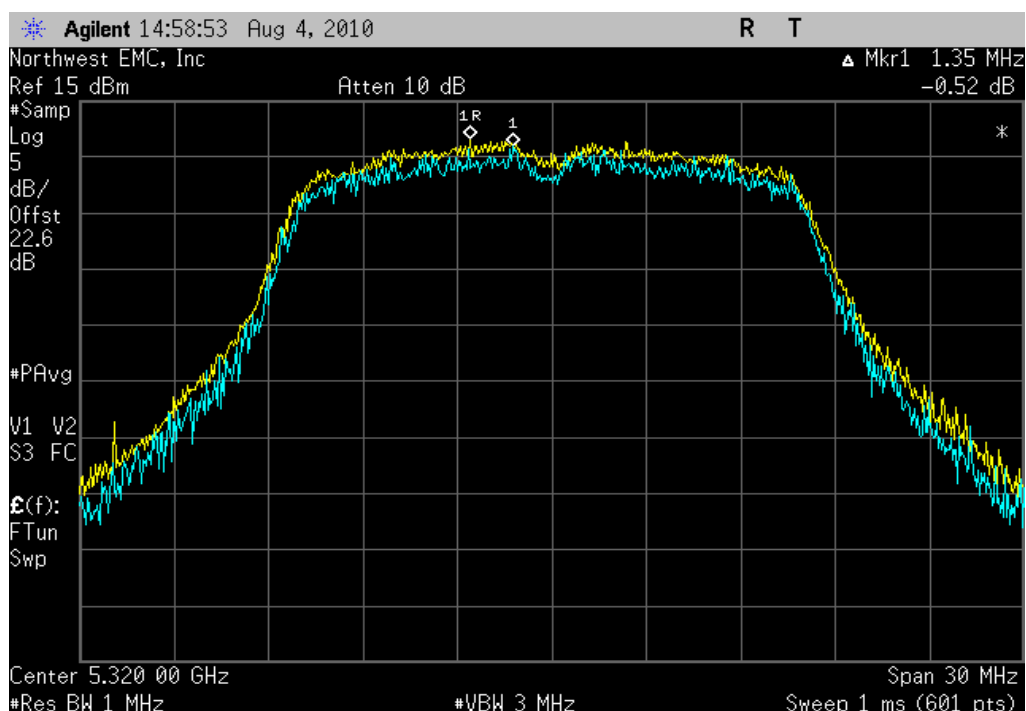
Limit:  $\leq 13$  dB

## PEAK EXCURSION

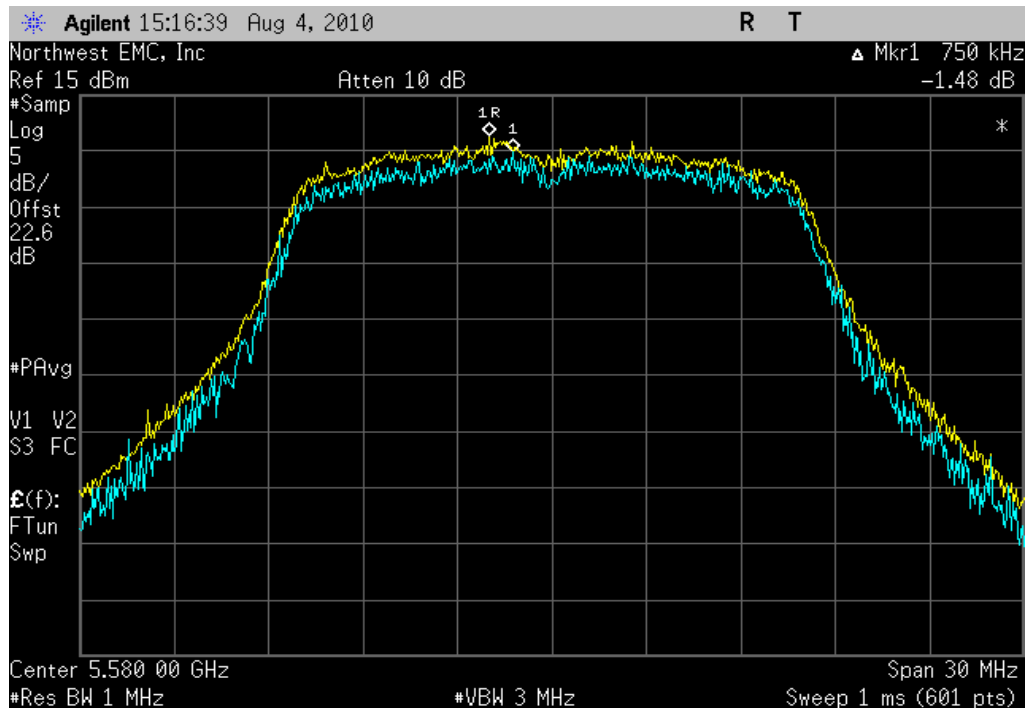
802.11(a) 36 Mbps, 5250 - 5350 MHz Band, Channel 64, High Channel

**Result:** Pass **Value:** 1.3 dB **Limit:**  $\leq 13$  db

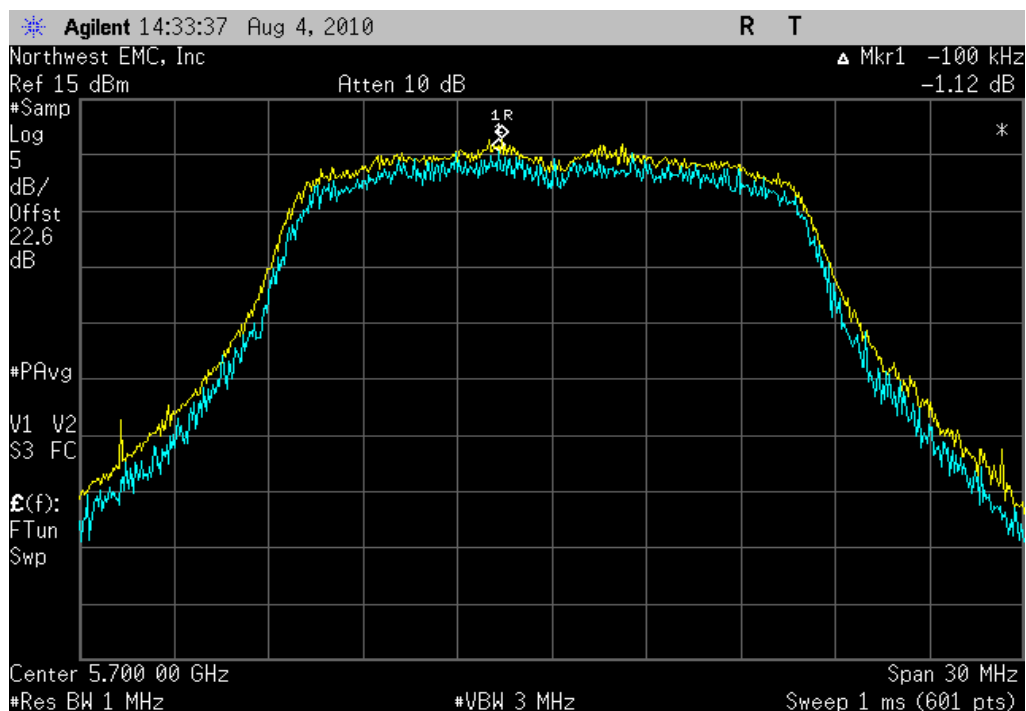
802.11(a) 36 Mbps, 5470 - 5725 MHz Band, Channel 100, Low Channel

**Result:** Pass **Value:** 0.5 dB **Limit:**  $\leq 13$  db

802.11(a) 36 Mbps, 5470 - 5725 MHz Band, Channel 116, Mid Channel

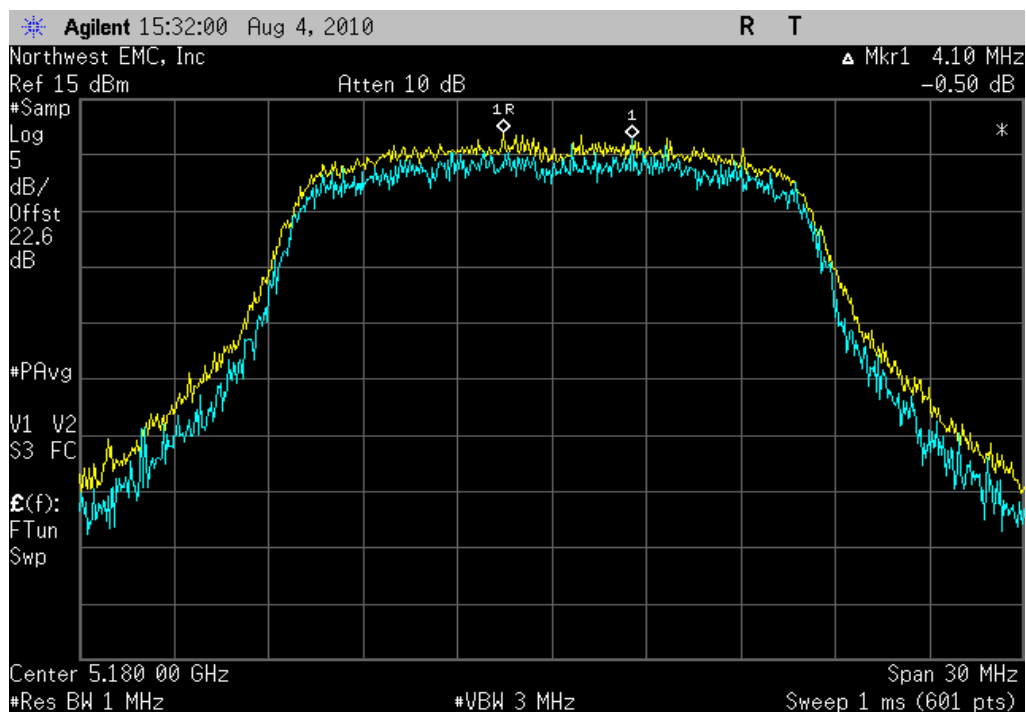
**Result:** Pass **Value:** 1.5 dB **Limit:** ≤ 13 dB

802.11(a) 36 Mbps, 5470 - 5725 MHz Band, Channel 140, High Channel

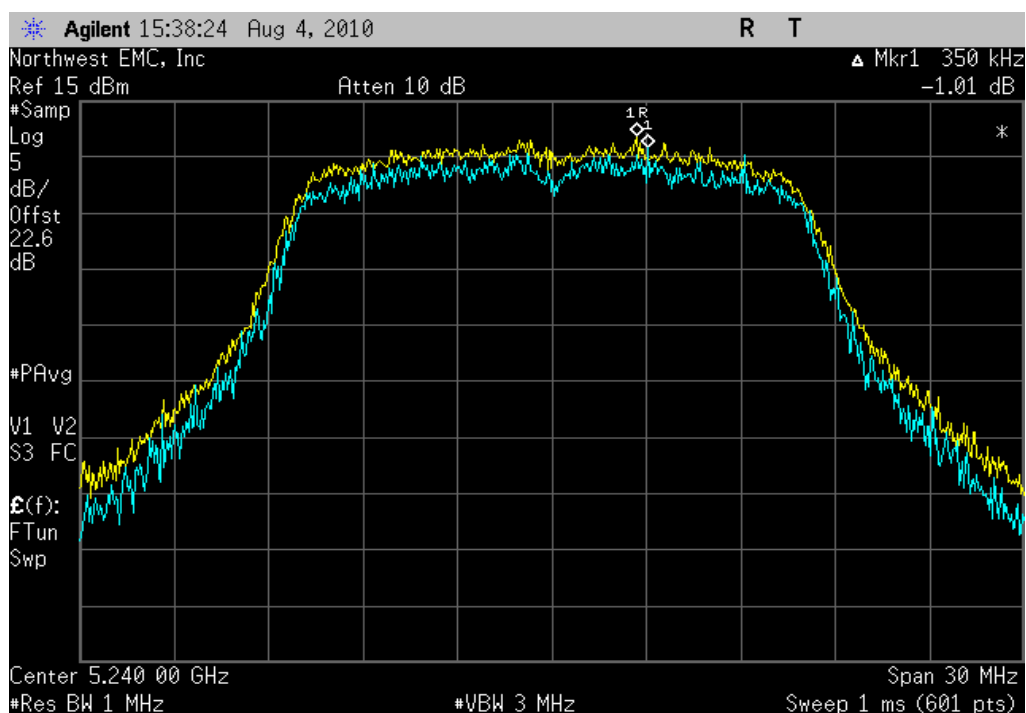
**Result:** Pass **Value:** 1.1 dB **Limit:** ≤ 13 dB

## PEAK EXCURSION

802.11(a) 54 Mbps, 5150 - 5250 MHz Band, Channel 36, Low Channel

**Result:** Pass **Value:** 0.5 dB **Limit:**  $\leq 13$  db

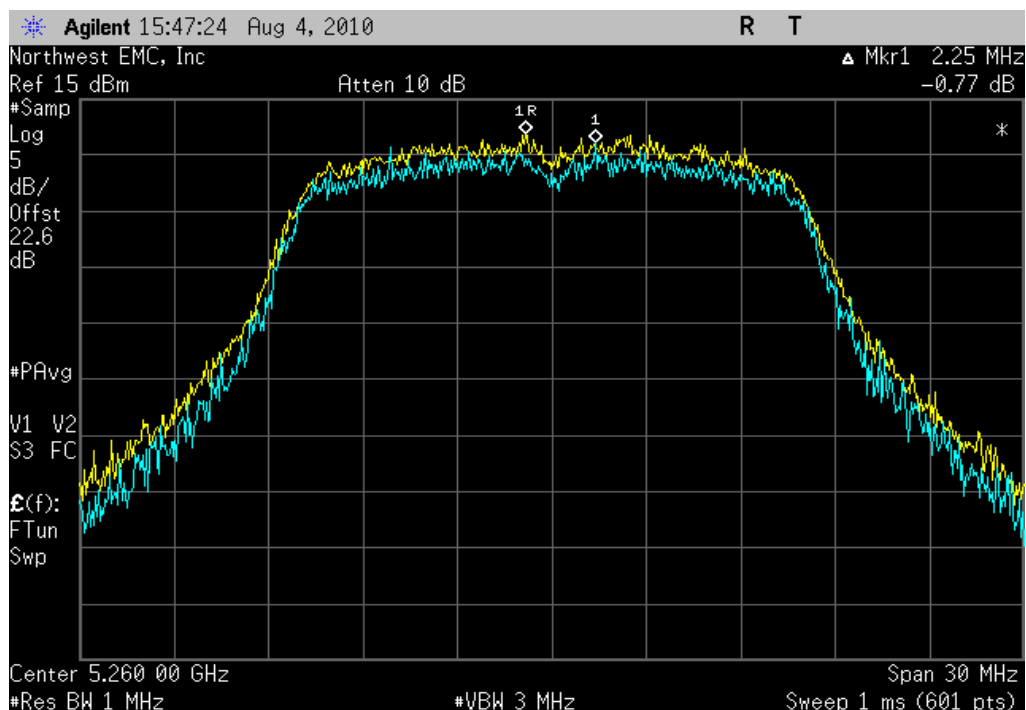
802.11(a) 54 Mbps, 5150 - 5250 MHz Band, Channel 48, High Channel

**Result:** Pass **Value:** 1.0 dB **Limit:**  $\leq 13$  db

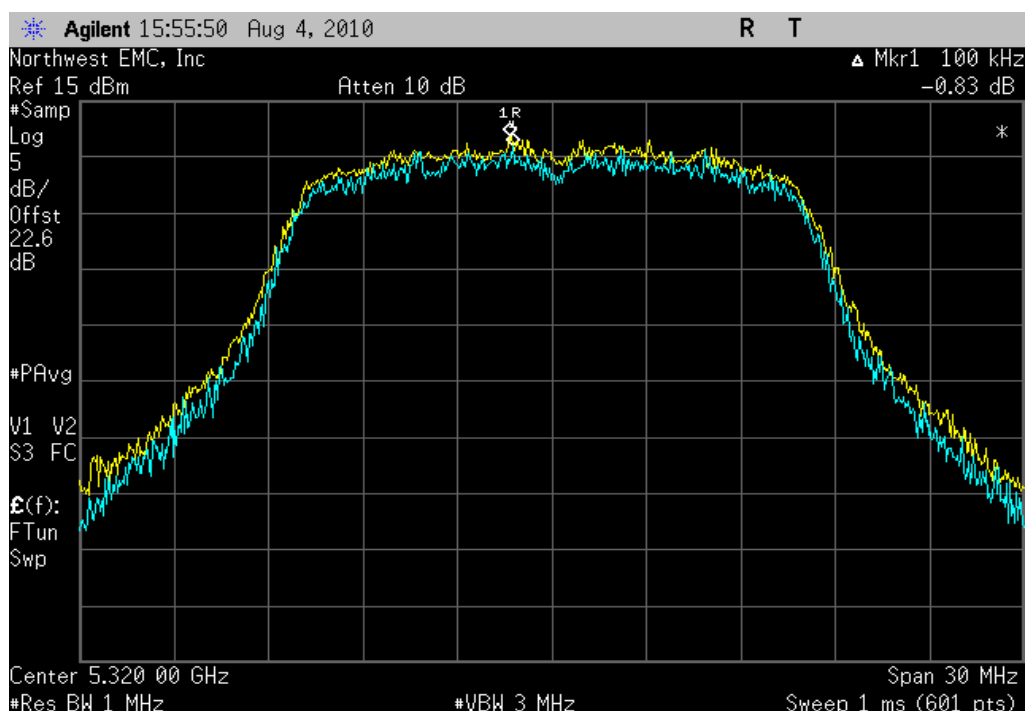


## PEAK EXCURSION

802.11(a) 54 Mbps, 5250 - 5350 MHz Band, Channel 52, Low Channel

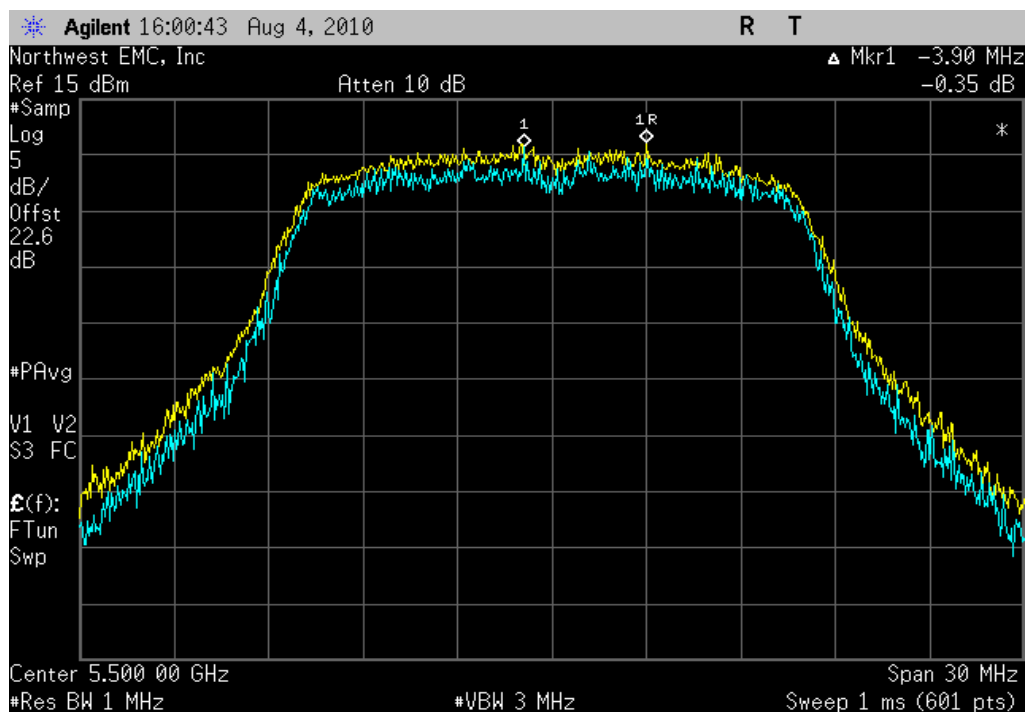
**Result:** Pass **Value:** 0.8 dB **Limit:**  $\leq 13$  db

802.11(a) 54 Mbps, 5250 - 5350 MHz Band, Channel 64, High Channel

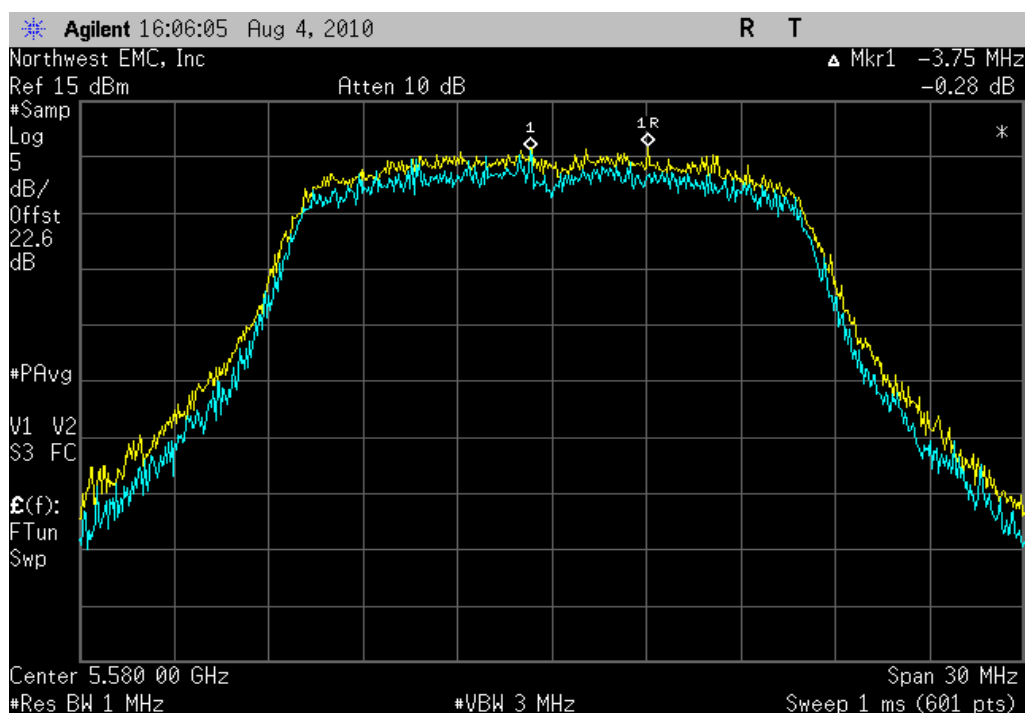
**Result:** Pass **Value:** 0.8 dB **Limit:**  $\leq 13$  db

## PEAK EXCURSION

802.11(a) 54 Mbps, 5470 - 5725 MHz Band, Channel 100, Low Channel

**Result:** Pass **Value:** 0.4 dB **Limit:**  $\leq 13$  dB

802.11(a) 54 Mbps, 5470 - 5725 MHz Band, Channel 116, Mid Channel

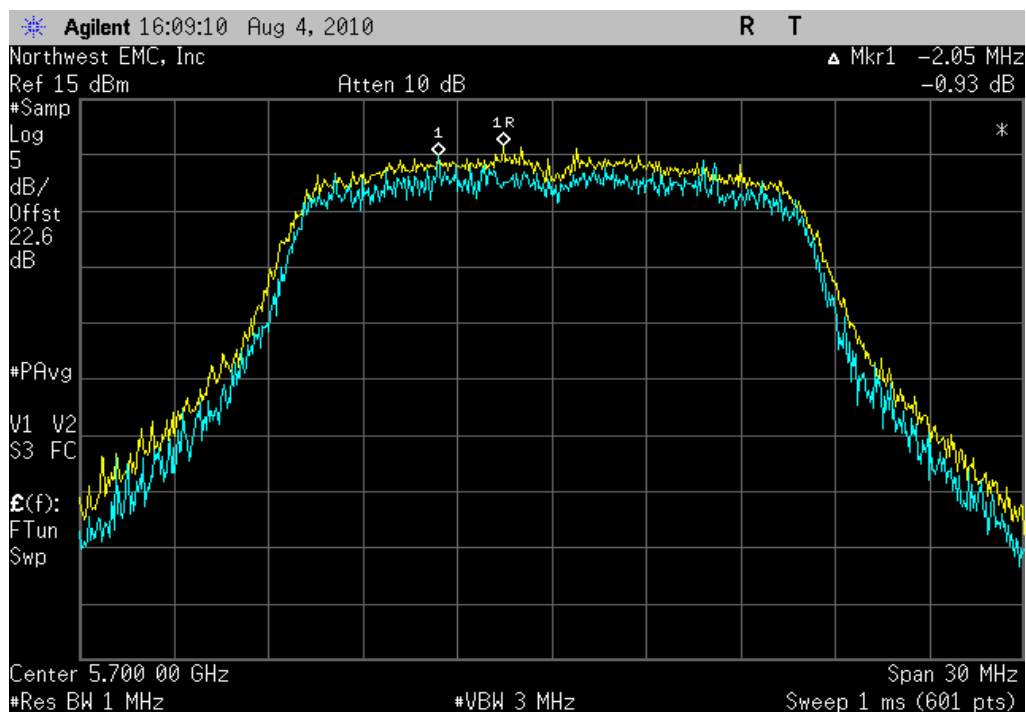
**Result:** Pass **Value:** 0.3 dB **Limit:**  $\leq 13$  dB

## PEAK EXCURSION

802.11(a) 54 Mbps, 5470 - 5725 MHz Band, Channel 140, High Channel

Result: Pass

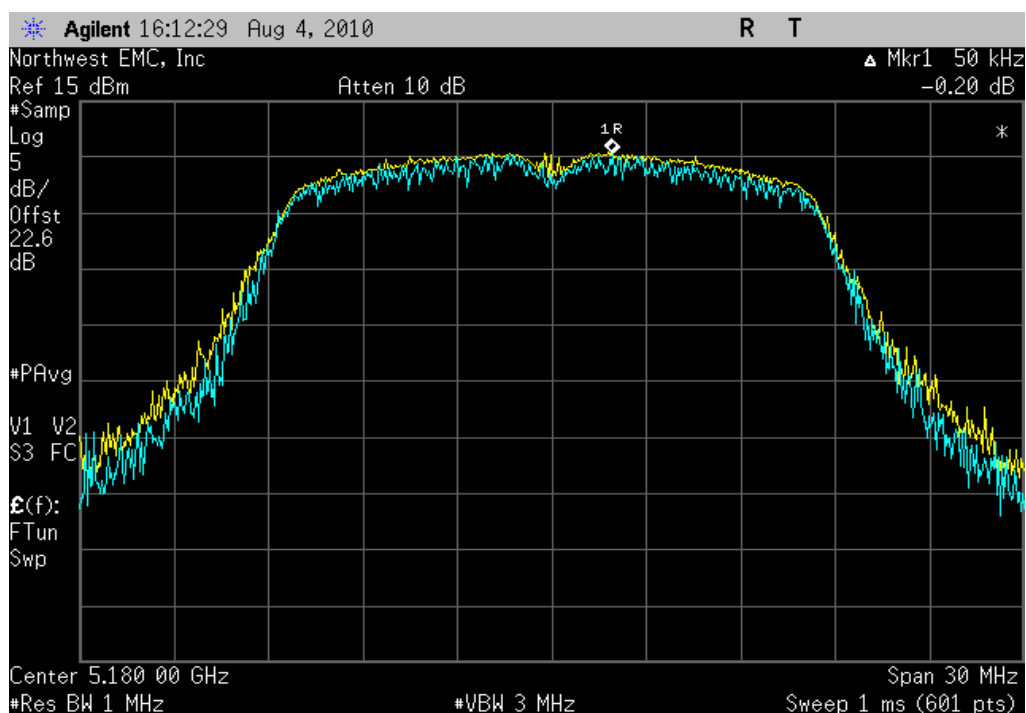
Value: 0.9 dB

Limit:  $\leq 13$  db

802.11(n) MCS0, 5150 - 5250 MHz Band, Channel 36, Low Channel

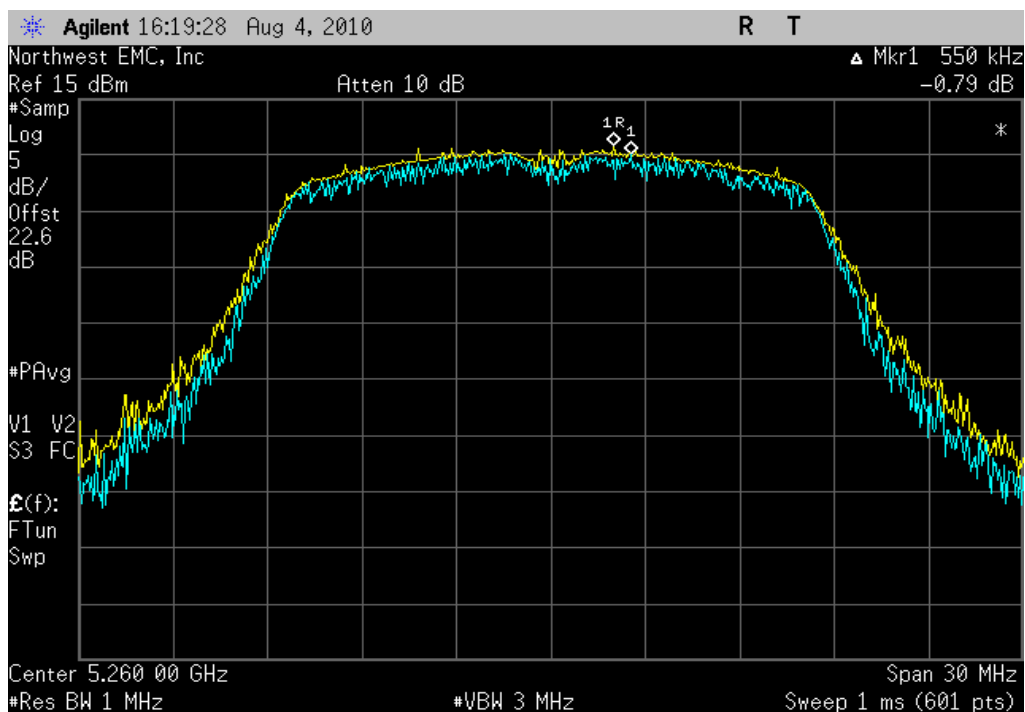
Result: Pass

Value: 0.2 dB

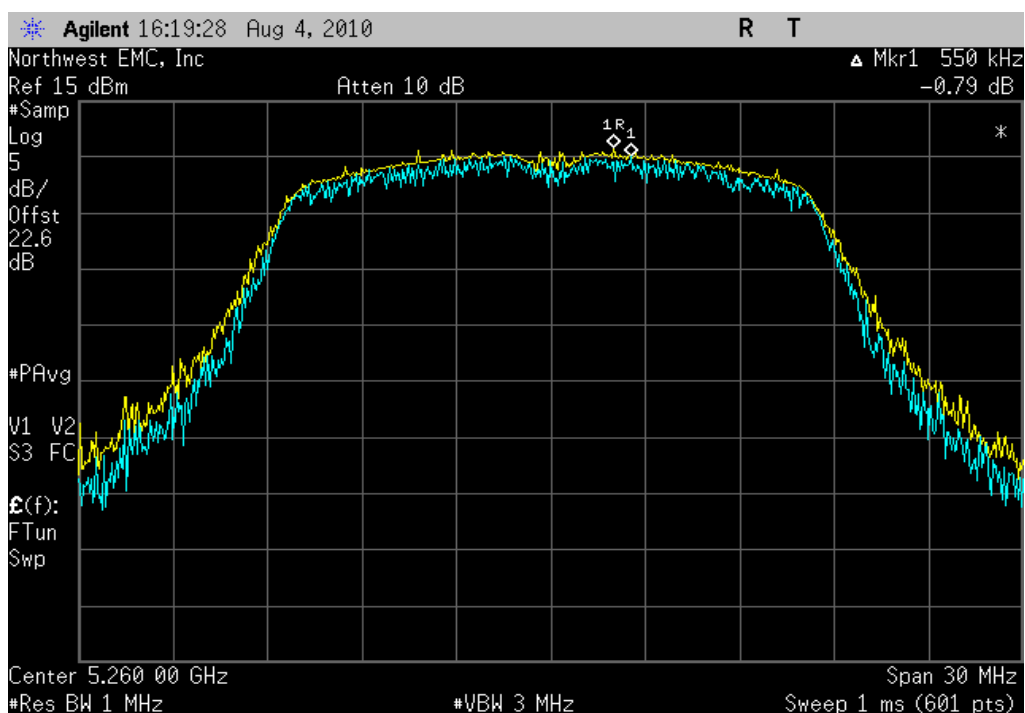
Limit:  $\leq 13$  db

## PEAK EXCURSION

802.11(n) MCS0, 5150 - 5250 MHz Band, Channel 48, High Channel

**Result:** Pass **Value:** 0.8 dB **Limit:**  $\leq 13$  dB

802.11(n) MCS0, 5250 - 5350 MHz Band, Channel 52, Low Channel

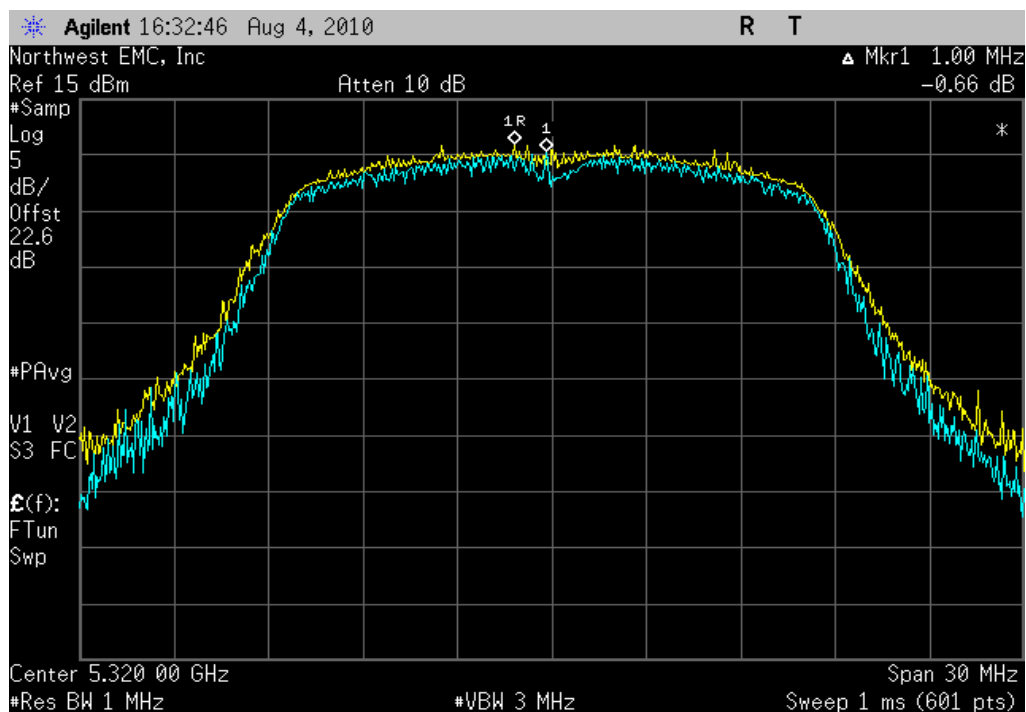
**Result:** Pass **Value:** 0.8 dB **Limit:**  $\leq 13$  dB

## PEAK EXCURSION

802.11(n) MCS0, 5250 - 5350 MHz Band, Channel 64, High Channel

Result: Pass

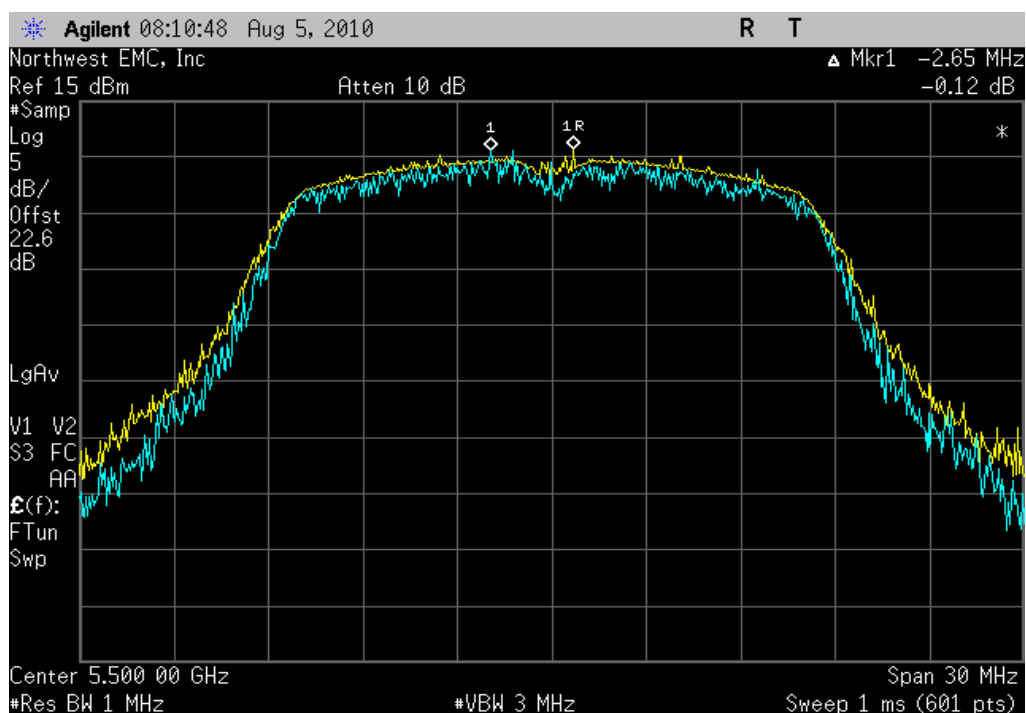
Value: 0.7 dB

Limit:  $\leq 13$  dB

802.11(n) MCS0, 5470 - 5725 MHz Band, Channel 100, Low Channel

Result: Pass

Value: 0.1 dB

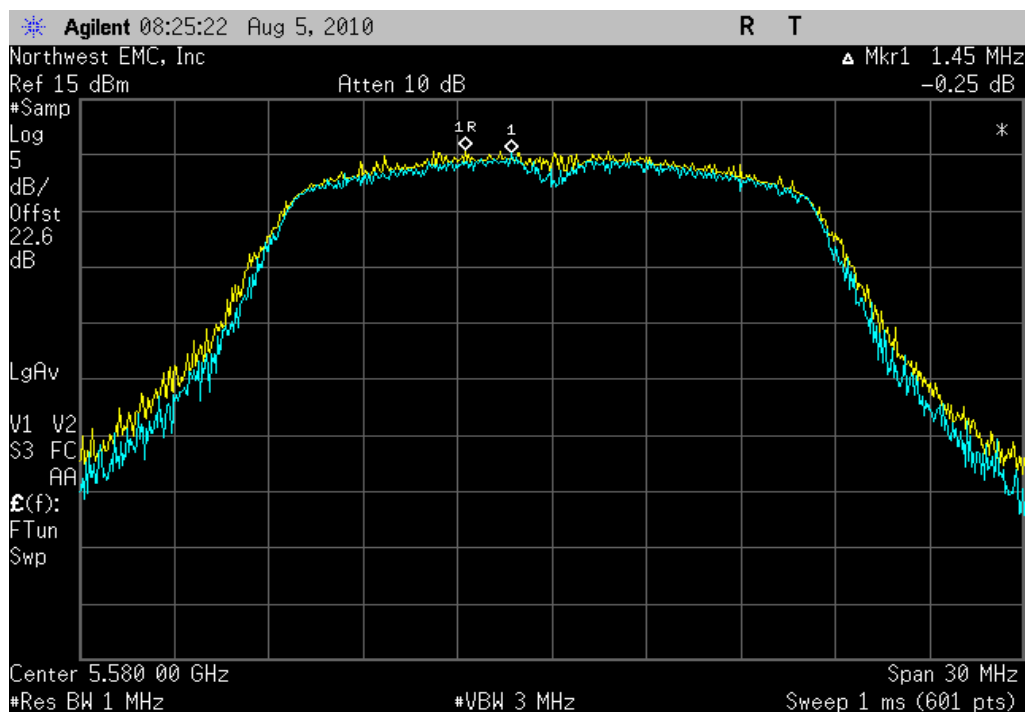
Limit:  $\leq 13$  dB

## PEAK EXCURSION

802.11(n) MCS0, 5470 - 5725 MHz Band, Channel 116, Mid Channel

Result: Pass

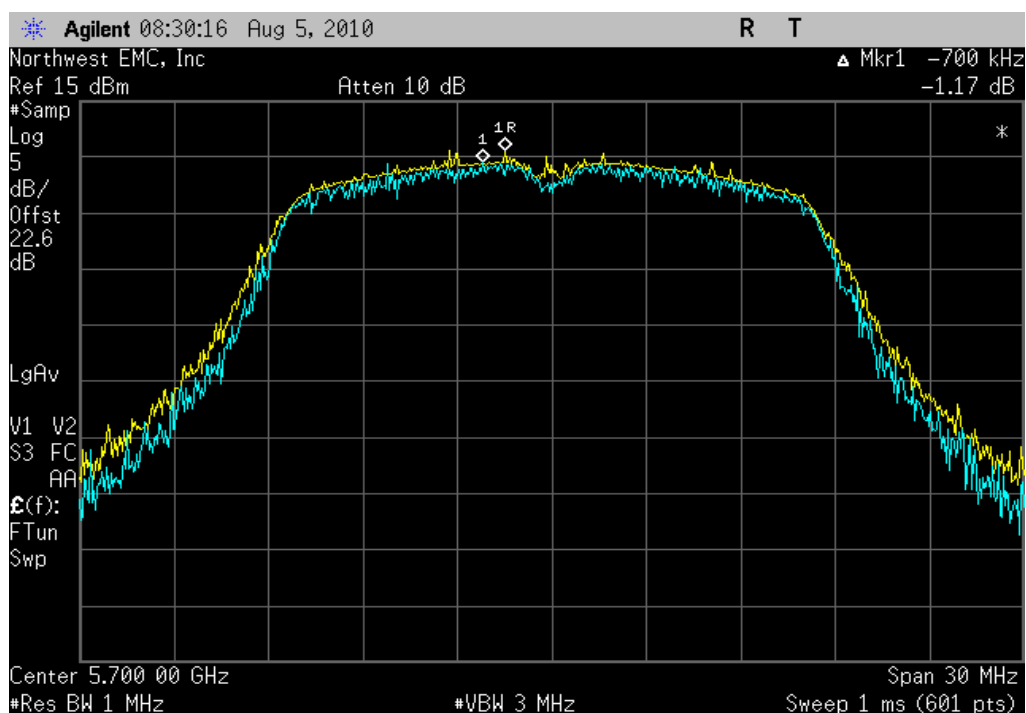
Value: 0.3 dB

Limit:  $\leq 13$  dB

802.11(n) MCS0, 5470 - 5725 MHz Band, Channel 140, High Channel

Result: Pass

Value: 1.2 dB

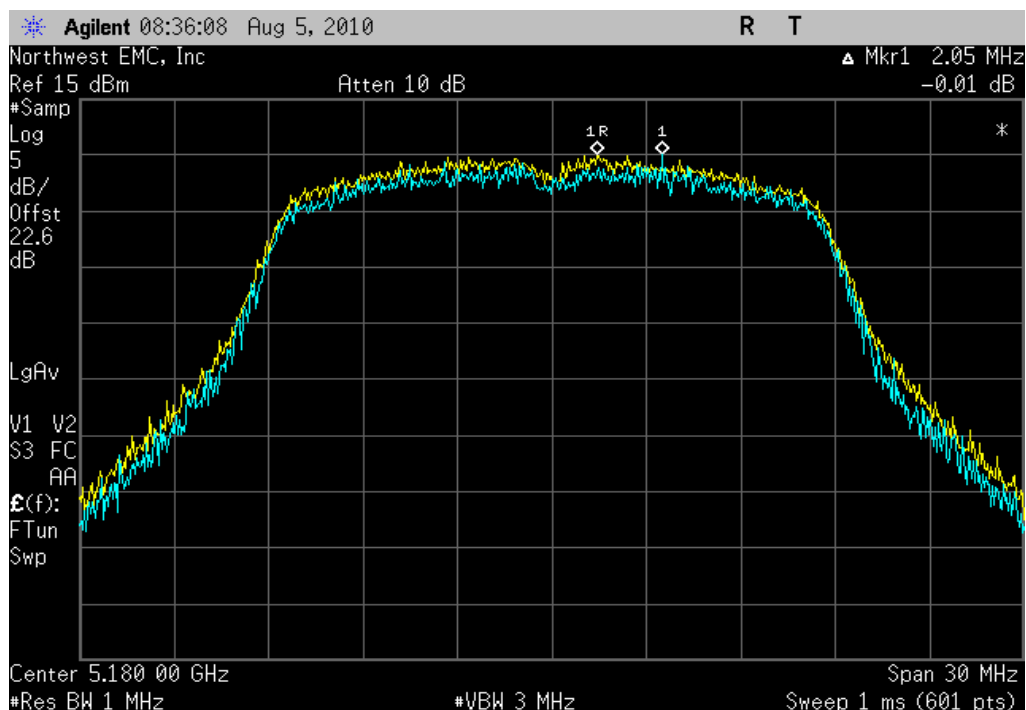
Limit:  $\leq 13$  dB

## PEAK EXCURSION

802.11(n) MCS7, 5150 - 5250 MHz Band, Channel 36, Low Channel

Result: Pass

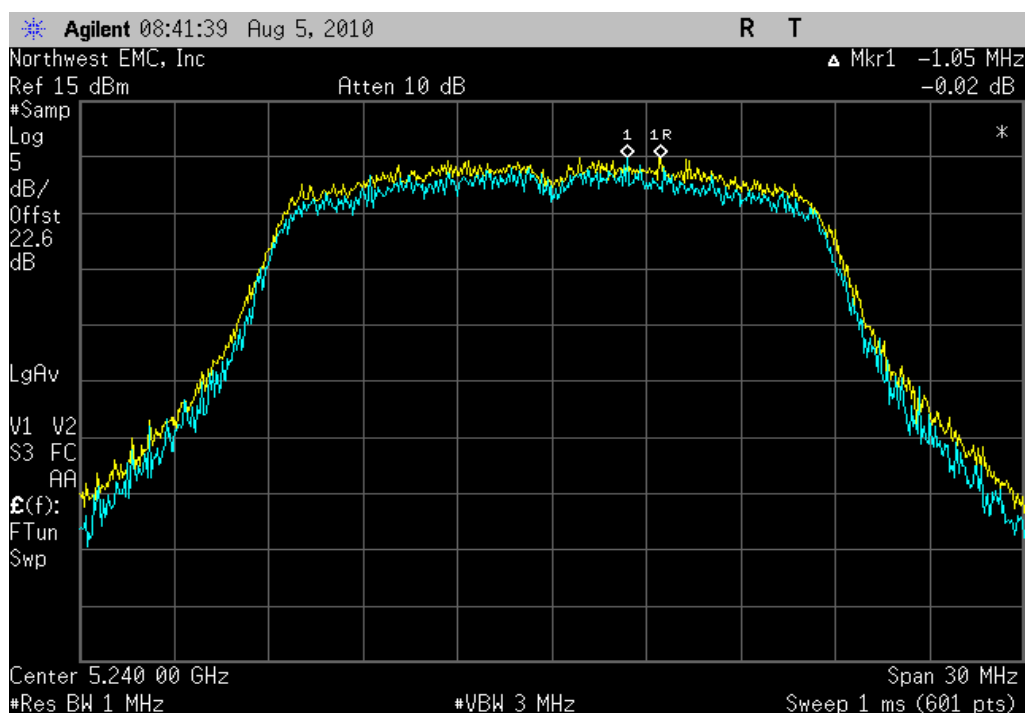
Value: 0.0 dB

Limit:  $\leq 13$  dB

802.11(n) MCS7, 5150 - 5250 MHz Band, Channel 48, High Channel

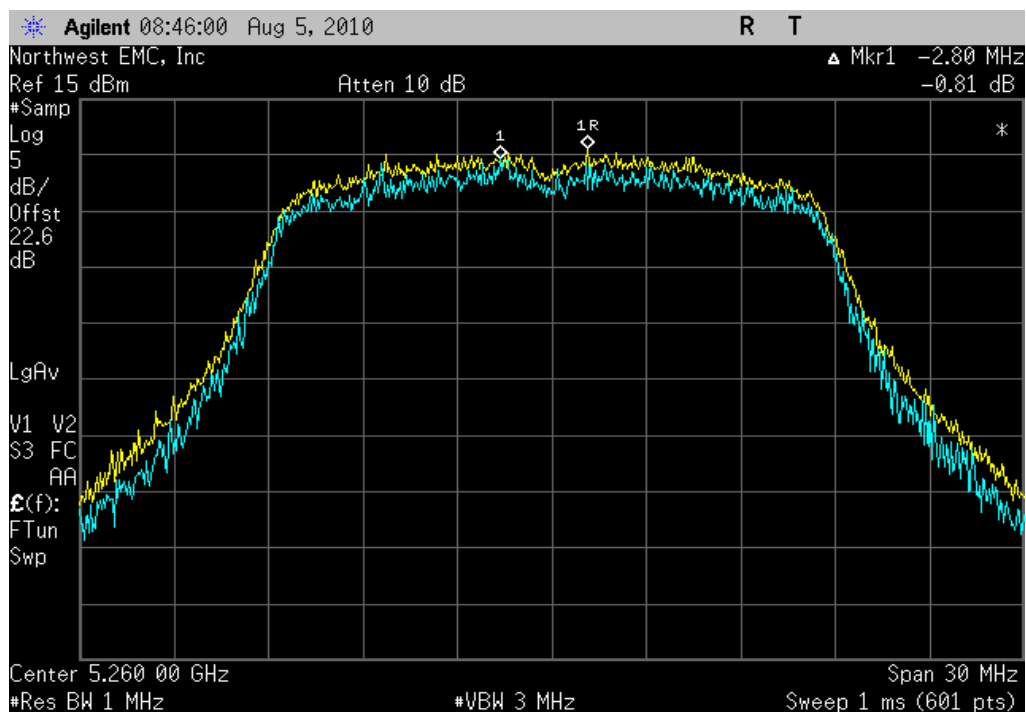
Result: Pass

Value: 0.0 dB

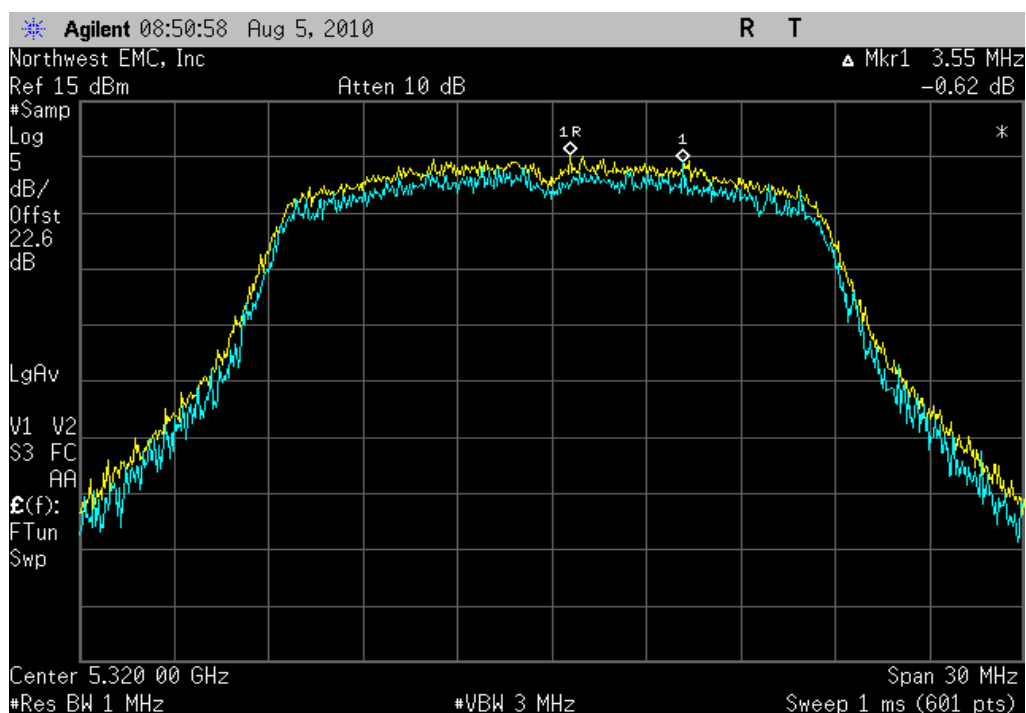
Limit:  $\leq 13$  dB

## PEAK EXCURSION

802.11(n) MCS7, 5250 - 5350 MHz Band, Channel 52, Low Channel

**Result:** Pass **Value:** 0.8 dB **Limit:**  $\leq 13$  dB

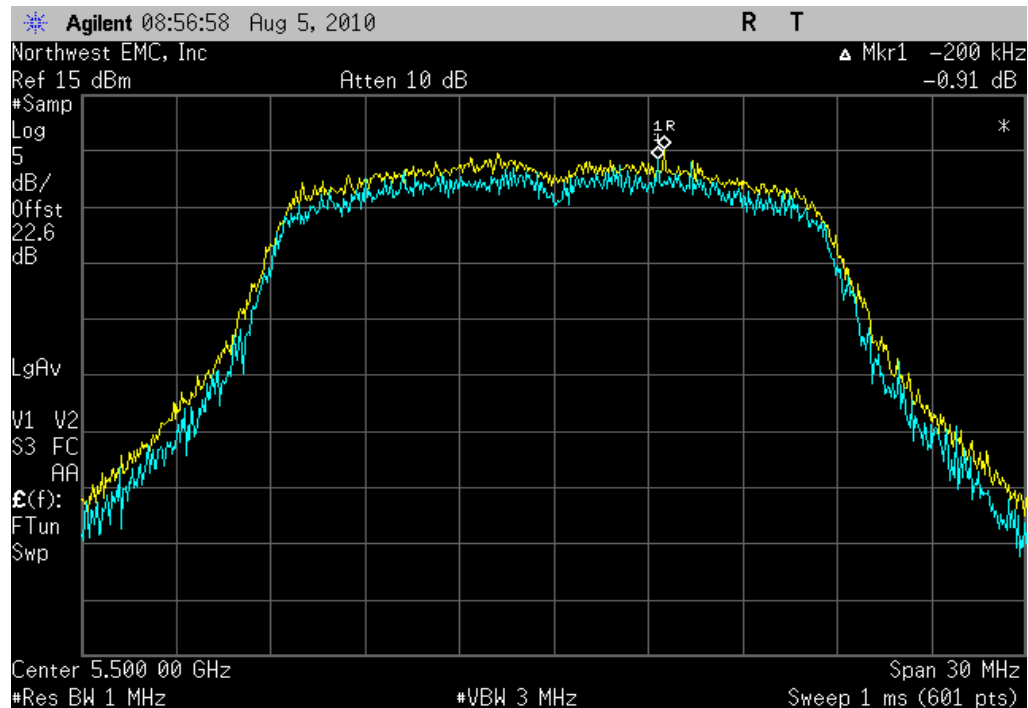
802.11(n) MCS7, 5250 - 5350 MHz Band, Channel 64, High Channel

**Result:** Pass **Value:** 0.6 dB **Limit:**  $\leq 13$  dB

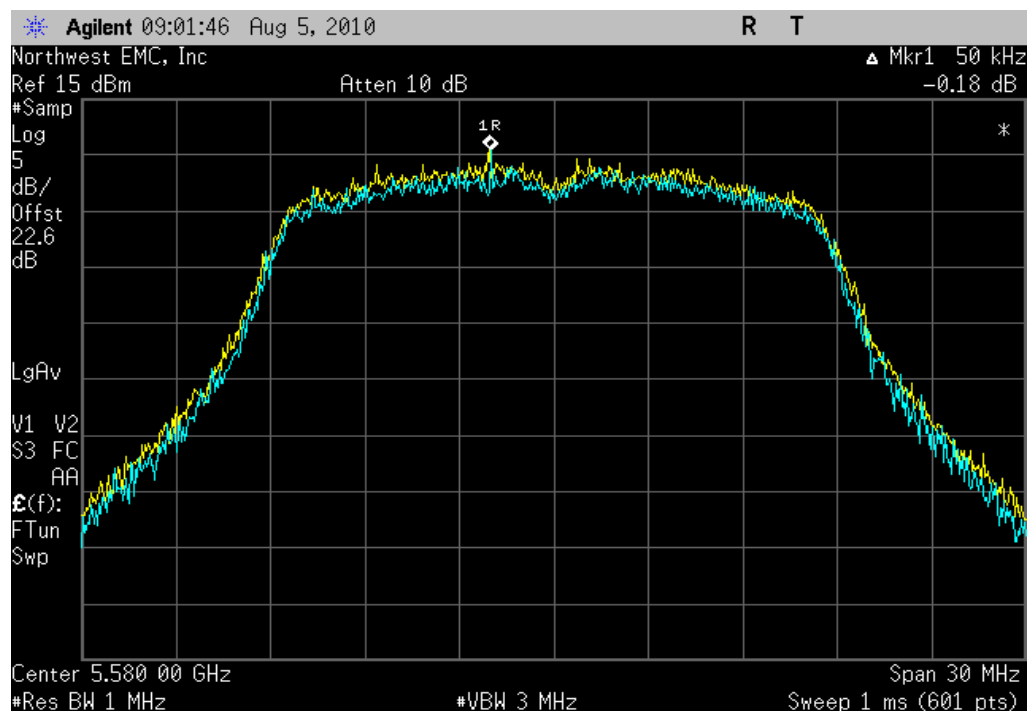


## PEAK EXCURSION

802.11(n) MCS7, 5470 - 5725 MHz Band, Channel 100, Low Channel

**Result:** Pass **Value:** 0.9 dB **Limit:**  $\leq 13$  dB

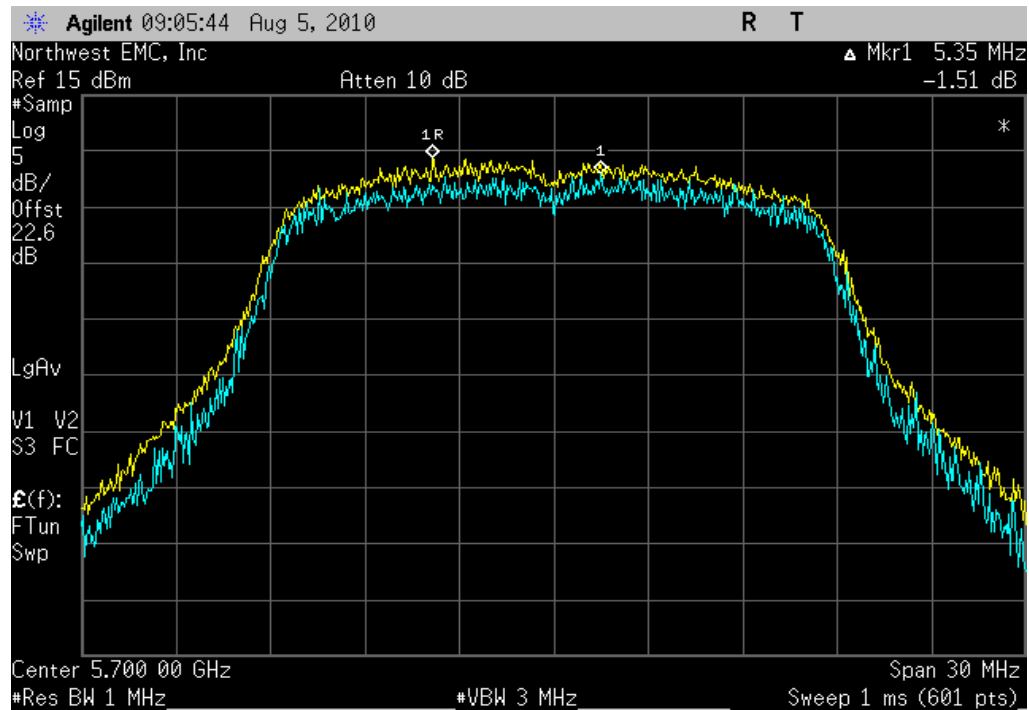
802.11(n) MCS7, 5470 - 5725 MHz Band, Channel 116, Mid Channel

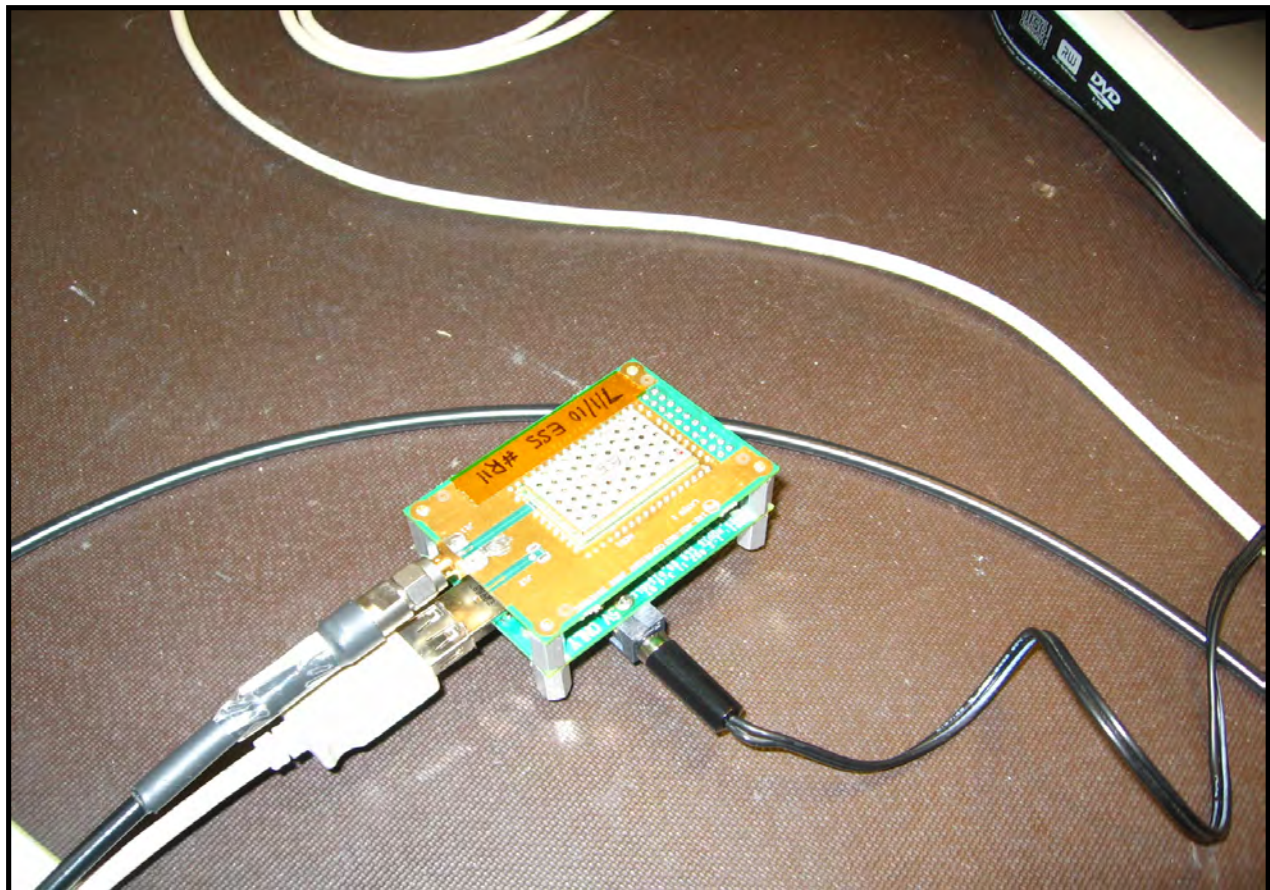
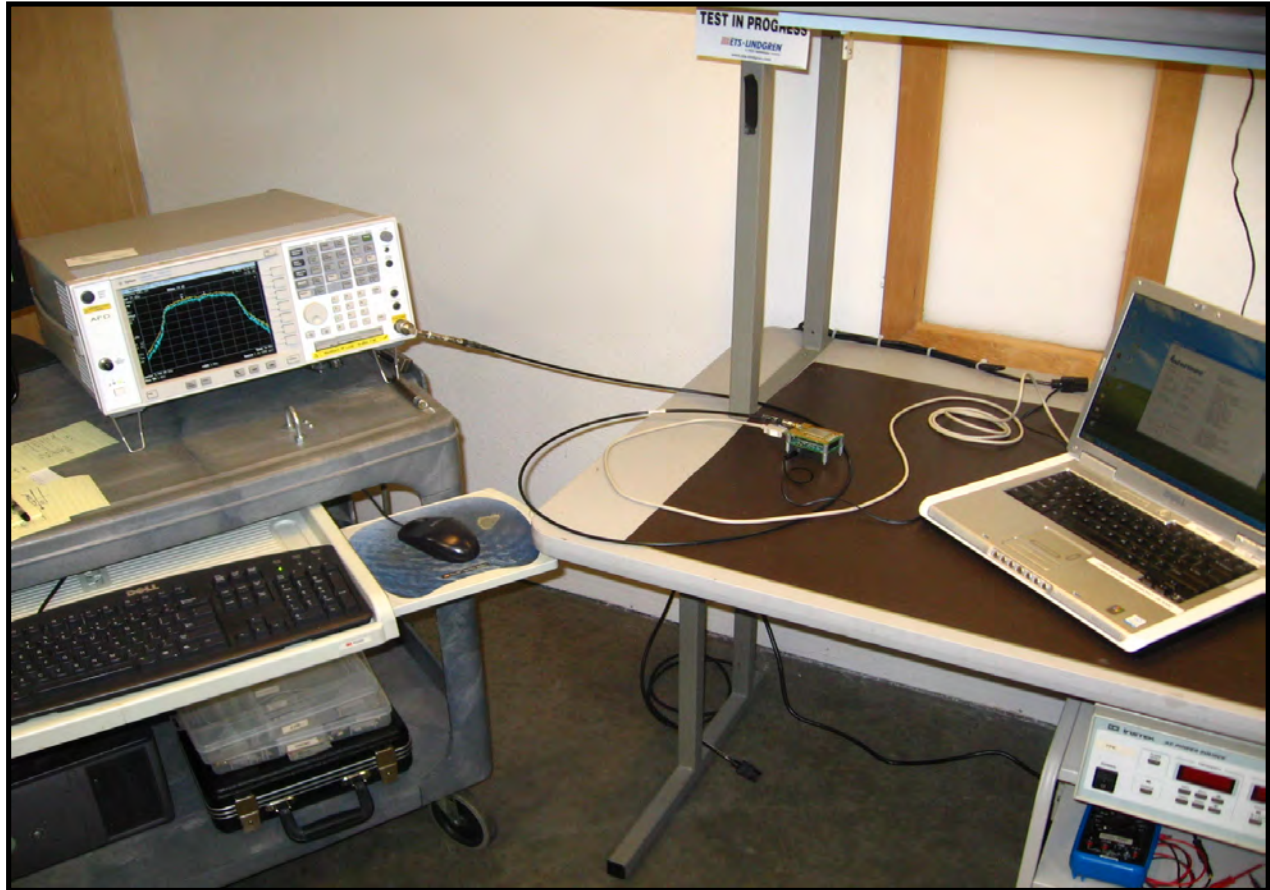
**Result:** Pass **Value:** 0.2 dB **Limit:**  $\leq 13$  dB

802.11(n) MCS7, 5470 - 5725 MHz Band, Channel 140, High Channel

Result: Pass

Value: 1.5 dB

Limit:  $\leq 13$  dB



Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

| TEST EQUIPMENT                      |                           |                |     |            |          |
|-------------------------------------|---------------------------|----------------|-----|------------|----------|
| Description                         | Manufacturer              | Model          | ID  | Last Cal.  | Interval |
| Spectrum Analyzer                   | Agilent                   | E4440A         | AFD | 6/1/2009   | 24       |
| Attenuator 20 dB, SMA M/F 26GHz     | S.M. Electronics          | SA26B-20       | AUY | 7/21/2009  | 13       |
| 26 GHz DC Block, SMA                | Pasternack                | PE8210         | AME | 10/19/2009 | 13       |
| EV06 Direct Connect Cable           | ESM Cable Corp.           | TT             | ECA | NCR        | 0        |
| Multimeter                          | Tektronix                 | DMM912         | MMH | 12/10/2008 | 24       |
| DC Power Supply                     | Topward                   | TPS-2000       | TPD | NCR        | 0        |
| Chamber Temp. & Humidity Controller | ESZ / Eurotherm           | Dimension II   | TBC | NCR        | 0        |
| Chamber, Temp./Humidity Chamber     | Cincinnati Sub Zero (CSZ) | ZH-32-2-2-H/AC | TBA | 7/23/2008  | 25       |

#### MEASUREMENT UNCERTAINTY

A measurement uncertainty estimation has been performed for each test per our internal quality document WP 342. The estimation is used to compare the measured result with its "true" or theoretically correct value. The expanded measurement uncertainty for radiated emissions measurements is less than +/- 4 dB, and for conducted emissions measurements is less than +/- 2.7 dB. Our measurement data meets or exceeds the measurement uncertainty requirements of CISPR 16-4; therefore, the test data can be compared directly to the specification limit to determine compliance. The calculations for measurement uncertainty are available upon request.

#### TEST DESCRIPTION

##### Variation of Supply Voltage

The primary supply voltage was varied from 85% to 115% of nominal

##### Variation of Ambient Temperature

Using a temperature chamber, the transmit frequency was recorded at the extremes of the specified temperature range (-30 ° to +50° C) and at 10°C intervals.

A direct connect measurement was made between the EUT's antenna cable and a spectrum analyzer. The spectrum analyzer is equipped with a precision frequency reference that exceeds the stability requirement of the EUT. Measurements were made at the mid channel of each band to determine frequency stability. If the frequency variation is less than 100 ppm, the EUT will meet the requirement of 15.407(g), that the emissions are maintained within the band of operation.



| NORTHWEST<br>EMC              |                                   | FREQUENCY STABILITY                                                                            |                   | XMIT 2010.07.29 |             |
|-------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------|-------------------|-----------------|-------------|
| EUT:                          | RC12                              |                                                                                                | Work Order:       |                 | INMC0575    |
| Serial Number:                | R11                               |                                                                                                | Date:             |                 | 08/09/10    |
| Customer:                     | Intermec Technologies Corporation |                                                                                                | Temperature:      |                 | 20°C        |
| Attendees:                    | None                              |                                                                                                | Humidity:         |                 | 38%         |
| Project:                      | None                              |                                                                                                | Barometric Pres.: |                 | 1019.3 mb   |
| Tested by:                    | Rod Peloquin                      | Power:                                                                                         | 3.3 VDC Nominal   | Job Site:       | EV06 & EV09 |
| TEST SPECIFICATIONS           |                                   |                                                                                                | Test Method       |                 |             |
| FCC 15.407:2010               |                                   |                                                                                                | ANSI C63.10:2009  |                 |             |
| COMMENTS                      |                                   |                                                                                                |                   |                 |             |
| Transmitting CW mode          |                                   |                                                                                                |                   |                 |             |
| DEVIATIONS FROM TEST STANDARD |                                   |                                                                                                |                   |                 |             |
| No Deviations                 |                                   |                                                                                                |                   |                 |             |
| Configuration #               | 2                                 | <br>Signature |                   |                 |             |

#### Low Channel, 5150 MHz - 5250 MHz Band

Frequency Stability with Variation of DC Voltage (Ambient Temperature = 20°C)

| Voltage (VDC) | Assigned Frequency (MHz) | Measured Frequency (MHz) | Tolerance (ppm) | Specification (ppm) |
|---------------|--------------------------|--------------------------|-----------------|---------------------|
| 3.8 (115%)    | 5180.000000              | 5180.000209              | 0.04            | n/a                 |
| 3.3 (100%)    | 5180.000000              | 5180.000223              | 0.04            | n/a                 |
| 2.8 (85%)     | 5180.000000              | 5180.000195              | 0.04            | n/a                 |

Frequency Stability with Variation of Ambient Temperature (Primary Supply = 3.3 VDC & 5.0 VDC)

| Temp (°C) | Assigned Frequency (MHz) | Measured Frequency (MHz) | Tolerance (ppm) | Specification (ppm) |
|-----------|--------------------------|--------------------------|-----------------|---------------------|
| 50        | 5180.000000              | 5179.999849              | 0.03            | n/a                 |
| 40        | 5180.000000              | 5180.000309              | 0.06            | n/a                 |
| 30        | 5180.000000              | 5180.000342              | 0.07            | n/a                 |
| 20        | 5180.000000              | 5179.999833              | 0.03            | n/a                 |
| 10        | 5180.000000              | 5179.999437              | 0.11            | n/a                 |
| 0         | 5180.000000              | 5180.000089              | 0.02            | n/a                 |
| -10       | 5180.000000              | 5180.000634              | 0.12            | n/a                 |
| -20       | 5180.000000              | 5180.000326              | 0.06            | n/a                 |
| -30       | 5180.000000              | 5180.000444              | 0.09            | n/a                 |

#### High Channel, 5250 MHz - 5350 MHz Band

Frequency Stability with Variation of DC Voltage (Ambient Temperature = 20°C)

| Voltage (VDC) | Assigned Frequency (MHz) | Measured Frequency (MHz) | Tolerance (ppm) | Specification (ppm) |
|---------------|--------------------------|--------------------------|-----------------|---------------------|
| 3.8 (115%)    | 5320.000000              | 5320.000215              | 0.04            | n/a                 |
| 3.3 (100%)    | 5320.000000              | 5320.000221              | 0.04            | n/a                 |
| 2.8 (85%)     | 5320.000000              | 5320.000186              | 0.03            | n/a                 |

Frequency Stability with Variation of Ambient Temperature (Primary Supply = 3.3 VDC)

| Temp (°C) | Assigned Frequency (MHz) | Measured Frequency (MHz) | Tolerance (ppm) | Specification (ppm) |
|-----------|--------------------------|--------------------------|-----------------|---------------------|
| 50        | 5320.000000              | 5319.999845              | 0.03            | n/a                 |
| 40        | 5320.000000              | 5320.000308              | 0.06            | n/a                 |
| 30        | 5320.000000              | 5320.000350              | 0.07            | n/a                 |
| 20        | 5320.000000              | 5319.999800              | 0.04            | n/a                 |
| 10        | 5320.000000              | 5319.999446              | 0.10            | n/a                 |
| 0         | 5320.000000              | 5320.000096              | 0.02            | n/a                 |
| -10       | 5320.000000              | 5320.000652              | 0.12            | n/a                 |
| -20       | 5320.000000              | 5320.000321              | 0.06            | n/a                 |
| -30       | 5320.000000              | 5320.000560              | 0.11            | n/a                 |

#### Low Channel, 5470 MHz - 5725 MHz Band

Frequency Stability with Variation of DC Voltage (Ambient Temperature = 20°C)

| Voltage (VDC) | Assigned Frequency (MHz) | Measured Frequency (MHz) | Tolerance (ppm) | Specification (ppm) |
|---------------|--------------------------|--------------------------|-----------------|---------------------|
| 3.8 (115%)    | 5500.000000              | 5500.000228              | 0.04            | n/a                 |
| 3.3 (100%)    | 5500.000000              | 5500.000219              | 0.04            | n/a                 |
| 2.8 (85%)     | 5500.000000              | 5500.000189              | 0.03            | n/a                 |

Frequency Stability with Variation of Ambient Temperature (Primary Supply = 3.3 VDC)

| Temp (°C) | Assigned Frequency (MHz) | Measured Frequency (MHz) | Tolerance (ppm) | Specification (ppm) |
|-----------|--------------------------|--------------------------|-----------------|---------------------|
| 50        | 5500.000000              | 5499.999845              | 0.03            | n/a                 |
| 40        | 5500.000000              | 5500.000317              | 0.06            | n/a                 |
| 30        | 5500.000000              | 5500.000360              | 0.07            | n/a                 |
| 20        | 5500.000000              | 5499.999766              | 0.04            | n/a                 |
| 10        | 5500.000000              | 5499.999420              | 0.11            | n/a                 |
| 0         | 5500.000000              | 5500.000064              | 0.01            | n/a                 |
| -10       | 5500.000000              | 5500.000666              | 0.12            | n/a                 |
| -20       | 5500.000000              | 5500.000318              | 0.06            | n/a                 |
| -30       | 5500.000000              | 5500.000563              | 0.10            | n/a                 |

#### High Channel, 5470 MHz - 5725 MHz Band

Frequency Stability with Variation of DC Voltage (Ambient Temperature = 20°C)

| Voltage (VDC) | Assigned Frequency (MHz) | Measured Frequency (MHz) | Tolerance (ppm) | Specification (ppm) |
|---------------|--------------------------|--------------------------|-----------------|---------------------|
| 3.8 (115%)    | 5700.000000              | 5700.000257              | 0.05            | n/a                 |
| 3.3 (100%)    | 5700.000000              | 5700.000236              | 0.04            | n/a                 |
| 2.8 (85%)     | 5700.000000              | 5700.000197              | 0.03            | n/a                 |

Frequency Stability with Variation of Ambient Temperature (Primary Supply = 3.3 VDC)

| Temp (°C) | Assigned Frequency (MHz) | Measured Frequency (MHz) | Tolerance (ppm) | Specification (ppm) |
|-----------|--------------------------|--------------------------|-----------------|---------------------|
| 50        | 5700.000000              | 5699.999854              | 0.03            | n/a                 |
| 40        | 5700.000000              | 5700.000329              | 0.06            | n/a                 |
| 30        | 5700.000000              | 5700.000384              | 0.07            | n/a                 |
| 20        | 5700.000000              | 5699.999760              | 0.04            | n/a                 |
| 10        | 5700.000000              | 5699.999400              | 0.11            | n/a                 |
| 0         | 5700.000000              | 5700.000310              | 0.05            | n/a                 |
| -10       | 5700.000000              | 5700.000699              | 0.12            | n/a                 |
| -20       | 5700.000000              | 5700.000497              | 0.09            | n/a                 |
| -30       | 5700.000000              | 5700.000584              | 0.10            | n/a                 |







Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

| TEST EQUIPMENT                  |                  |               |     |            |          |
|---------------------------------|------------------|---------------|-----|------------|----------|
| Description                     | Manufacturer     | Model         | ID  | Last Cal.  | Interval |
| Spectrum Analyzer               | Agilent          | E4440A        | AFD | 6/1/2009   | 24       |
| EV06 Direct Connect Cable       | ESM Cable Corp.  | TT            | ECA | NCR        | 0        |
| 26 GHz DC Block, SMA            | Pasternack       | PE8210        | AME | 10/19/2009 | 13       |
| Attenuator 20 dB, SMA M/F 26GHz | S.M. Electronics | SA26B-20      | AUY | 7/21/2009  | 13       |
| Attenuator, 6 dB, 'SMA'         | N/A              | 93459 3330A-6 | AUF | 4/1/2010   | 13       |
| Power Meter                     | Gigatronics      | 8651A         | SPM | 1/7/2010   | 13       |
| Power Sensor                    | Gigatronics      | 80701A        | SPL | 1/7/2010   | 13       |
| Signal Generator                | Agilent          | E8257D        | TGX | 12/10/2008 | 24       |

### MEASUREMENT UNCERTAINTY

A measurement uncertainty estimation has been performed for each test per our internal quality document WP 342. The estimation is used to compare the measured result with its "true" or theoretically correct value. The expanded measurement uncertainty for radiated emissions measurements is less than +/- 4 dB, and for conducted emissions measurements is less than +/- 2.7 dB. Our measurement data meets or exceeds the measurement uncertainty requirements of CISPR 16-4; therefore, the test data can be compared directly to the specification limit to determine compliance. The calculations for measurement uncertainty are available upon request.

### TEST DESCRIPTION

ANSI C63.10 was followed. The transmit frequency was set to the required channels in each band. The transmit power was set to its default maximum. A direct connection was made between the RF output of the EUT and a spectrum analyzer. Attenuation and a DC block were used. The reference level offset on the spectrum analyzer was adjusted to compensate for cable loss and the external attenuation used between the RF output and the spectrum analyzer input. The amplitude accuracy of the spectrum analyzer was further enhanced by calibrating the setup using the power meter and synthesized signal generator.

Prior to measuring peak transmit power; the emission bandwidth (B) and the transmission pulse duration (T) were measured. Both are required to determine the method of measuring Peak Transmit Power. The method of measuring the emission bandwidth and the associated data are found elsewhere in this test report. The transmission pulse duration (T) was measured using a zero span on the spectrum analyzer to see the pulses in the time domain.

Method #3 was used because the analyzer sweep time was greater than T for the operating mode which has the shortest transmission pulse duration and the Emission Bandwidth was greater than the largest RBW on the analyzer.

Sweep gating triggered by the RF burst was used on the analyzer to ensure power integration was only done during the pulse duration.

The spectrum analyzer settings were as follows:

- The span was set to encompass entire emission bandwidth (B), centered on the transmit channel.
- The RBW = 1 MHz, VBW = 3 MHz
- Sample detector mode because the bin width (span / number of spectral points) < 0.5 RBW.
- Power was integrated across "B", by using the channel power function of the analyzer.



## EMC

## PEAK TRANSMIT POWER

|                |                                   |                   |           |
|----------------|-----------------------------------|-------------------|-----------|
| EUT:           | RC12                              | Work Order:       | INMC0575  |
| Serial Number: | R11                               | Date:             | 08/03/10  |
| Customer:      | Intermec Technologies Corporation | Temperature:      | 22°C      |
| Attendees:     | None                              | Humidity:         | 38%       |
| Project:       | None                              | Barometric Pres.: | 1013.5 mb |
| Tested by:     | Rod Peloquin                      | Power:            | 5VDC      |
|                |                                   | Job Site:         | EV06      |

|                     |                  |
|---------------------|------------------|
| TEST SPECIFICATIONS | Test Method      |
| FCC 15.407:2010     | ANSI C63.10:2009 |

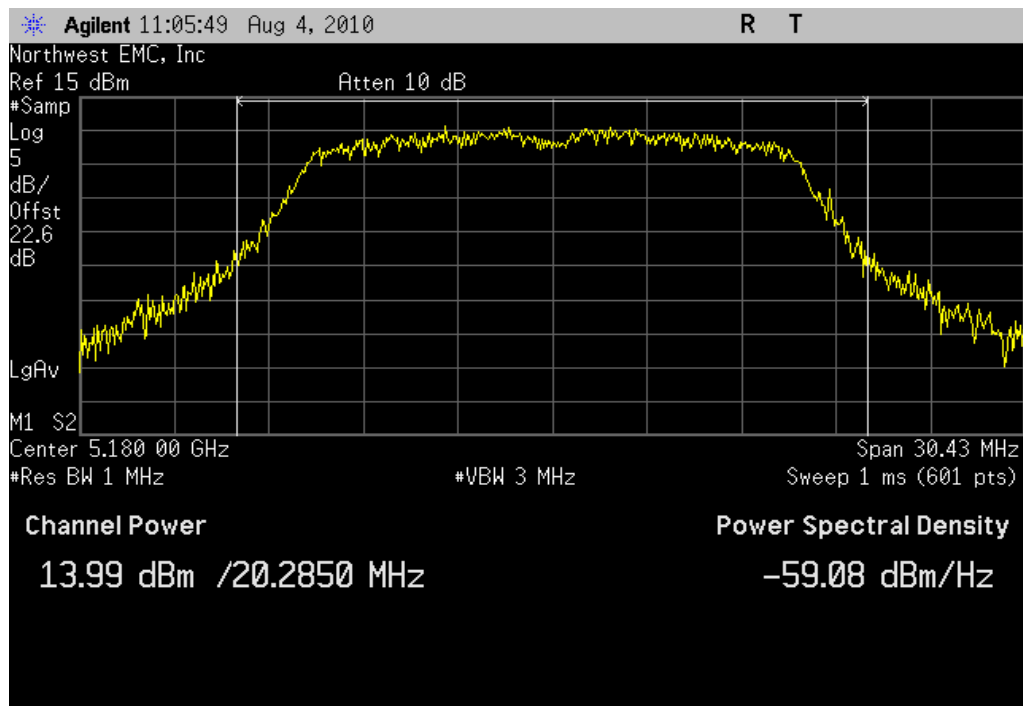
|          |
|----------|
| COMMENTS |
| None     |

|                               |
|-------------------------------|
| DEVIATIONS FROM TEST STANDARD |
| No Deviations                 |

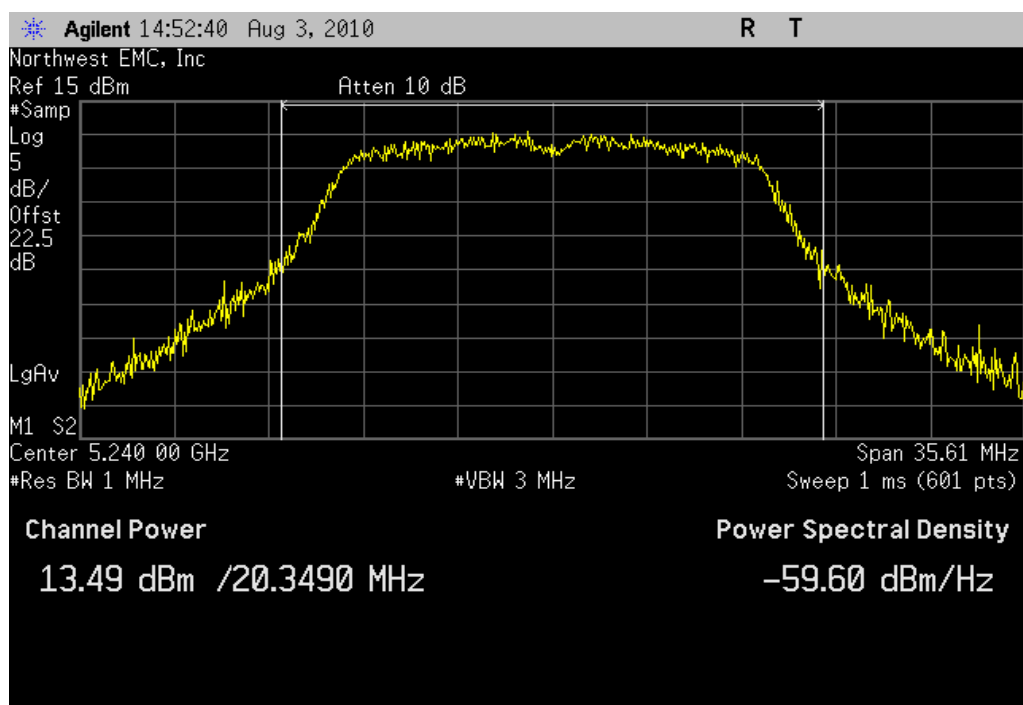
|                 |   |                                                                                             |
|-----------------|---|---------------------------------------------------------------------------------------------|
| Configuration # | 2 | Signature  |
|-----------------|---|---------------------------------------------------------------------------------------------|

|                   |                           | Value    | Limit  | Results |
|-------------------|---------------------------|----------|--------|---------|
| 802.11(a) 6 Mbps  |                           |          |        |         |
|                   | 5150 - 5250 MHz Band      |          |        |         |
|                   | Channel 36, Low Channel   | 14.0 dBm | 17 dBm | Pass    |
|                   | Channel 48, High Channel  | 13.5 dBm | 17 dBm | Pass    |
|                   | 5250 - 5350 MHz Band      |          |        |         |
|                   | Channel 52, Low Channel   | 13.7 dBm | 24 dBm | Pass    |
|                   | Channel 64, High Channel  | 13.5 dBm | 24 dBm | Pass    |
|                   | 5470 - 5725 MHz Band      |          |        |         |
|                   | Channel 100, Low Channel  | 12.9 dBm | 24 dBm | Pass    |
|                   | Channel 116, Mid Channel  | 12.7 dBm | 24 dBm | Pass    |
|                   | Channel 140, High Channel | 12.6 dBm | 24 dBm | Pass    |
| 802.11(a) 36 Mbps |                           |          |        |         |
|                   | 5150 - 5250 MHz Band      |          |        |         |
|                   | Channel 36, Low Channel   | 13.8 dBm | 17 dBm | Pass    |
|                   | Channel 48, High Channel  | 13.6 dBm | 17 dBm | Pass    |
|                   | 5250 - 5350 MHz Band      |          |        |         |
|                   | Channel 52, Low Channel   | 13.9 dBm | 24 dBm | Pass    |
|                   | Channel 64, High Channel  | 13.6 dBm | 24 dBm | Pass    |
|                   | 5470 - 5725 MHz Band      |          |        |         |
|                   | Channel 100, Low Channel  | 12.9 dBm | 24 dBm | Pass    |
|                   | Channel 116, Mid Channel  | 12.9 dBm | 24 dBm | Pass    |
|                   | Channel 140, High Channel | 12.5 dBm | 24 dBm | Pass    |
| 802.11(a) 54 Mbps |                           |          |        |         |
|                   | 5150 - 5250 MHz Band      |          |        |         |
|                   | Channel 36, Low Channel   | 13.3 dBm | 17 dBm | Pass    |
|                   | Channel 48, High Channel  | 13.2 dBm | 17 dBm | Pass    |
|                   | 5250 - 5350 MHz Band      |          |        |         |
|                   | Channel 52, Low Channel   | 13.2 dBm | 24 dBm | Pass    |
|                   | Channel 64, High Channel  | 13.1 dBm | 24 dBm | Pass    |
|                   | 5470 - 5725 MHz Band      |          |        |         |
|                   | Channel 100, Low Channel  | 12.3 dBm | 24 dBm | Pass    |
|                   | Channel 116, Mid Channel  | 12.1 dBm | 24 dBm | Pass    |
|                   | Channel 140, High Channel | 12.1 dBm | 24 dBm | Pass    |
| 802.11(n) MCS0    |                           |          |        |         |
|                   | 5150 - 5250 MHz Band      |          |        |         |
|                   | Channel 36, Low Channel   | 13.8 dBm | 17 dBm | Pass    |
|                   | Channel 48, High Channel  | 13.6 dBm | 17 dBm | Pass    |
|                   | 5250 - 5350 MHz Band      |          |        |         |
|                   | Channel 52, Low Channel   | 13.7 dBm | 24 dBm | Pass    |
|                   | Channel 64, High Channel  | 13.3 dBm | 24 dBm | Pass    |
|                   | 5470 - 5725 MHz Band      |          |        |         |
|                   | Channel 100, Low Channel  | 12.8 dBm | 24 dBm | Pass    |
|                   | Channel 116, Mid Channel  | 12.7 dBm | 24 dBm | Pass    |
|                   | Channel 140, High Channel | 12.6 dBm | 24 dBm | Pass    |
| 802.11(n) MCS7    |                           |          |        |         |
|                   | 5150 - 5250 MHz Band      |          |        |         |
|                   | Channel 36, Low Channel   | 11.8 dBm | 17 dBm | Pass    |
|                   | Channel 48, High Channel  | 11.7 dBm | 17 dBm | Pass    |
|                   | 5250 - 5350 MHz Band      |          |        |         |
|                   | Channel 52, Low Channel   | 12.1 dBm | 24 dBm | Pass    |
|                   | Channel 64, High Channel  | 11.8 dBm | 24 dBm | Pass    |
|                   | 5470 - 5725 MHz Band      |          |        |         |
|                   | Channel 100, Low Channel  | 10.7 dBm | 24 dBm | Pass    |
|                   | Channel 116, Mid Channel  | 10.7 dBm | 24 dBm | Pass    |
|                   | Channel 140, High Channel | 10.8 dBm | 24 dBm | Pass    |

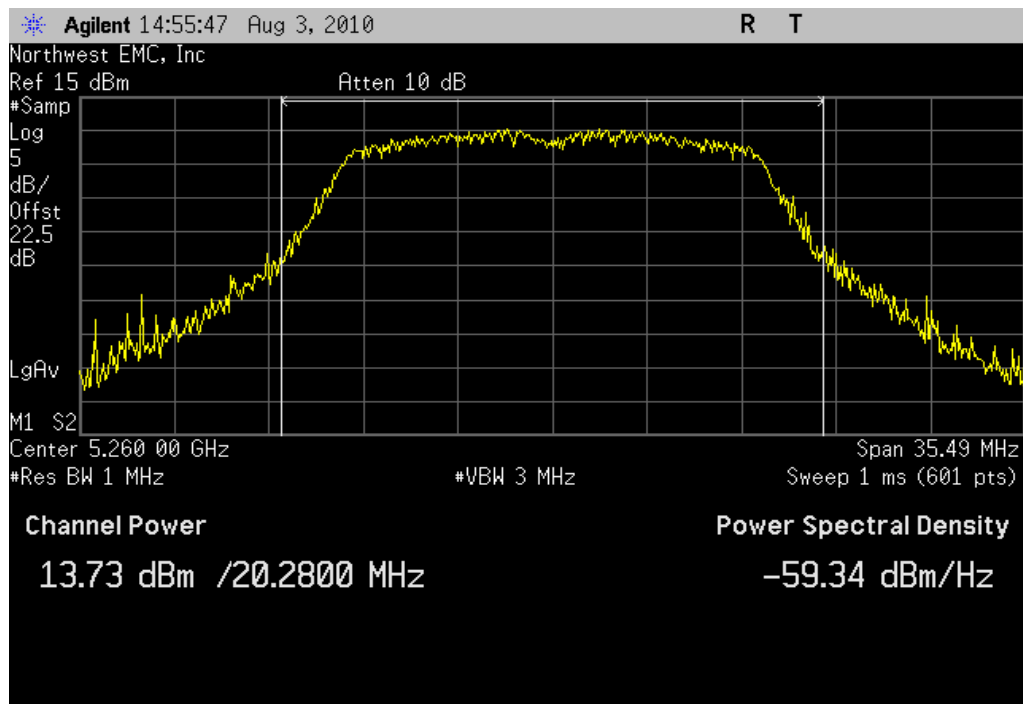
802.11(a) 6 Mbps, 5150 - 5250 MHz Band, Channel 36, Low Channel

**Result:** Pass**Value:** 14.0 dBm**Limit:** 17 dBm

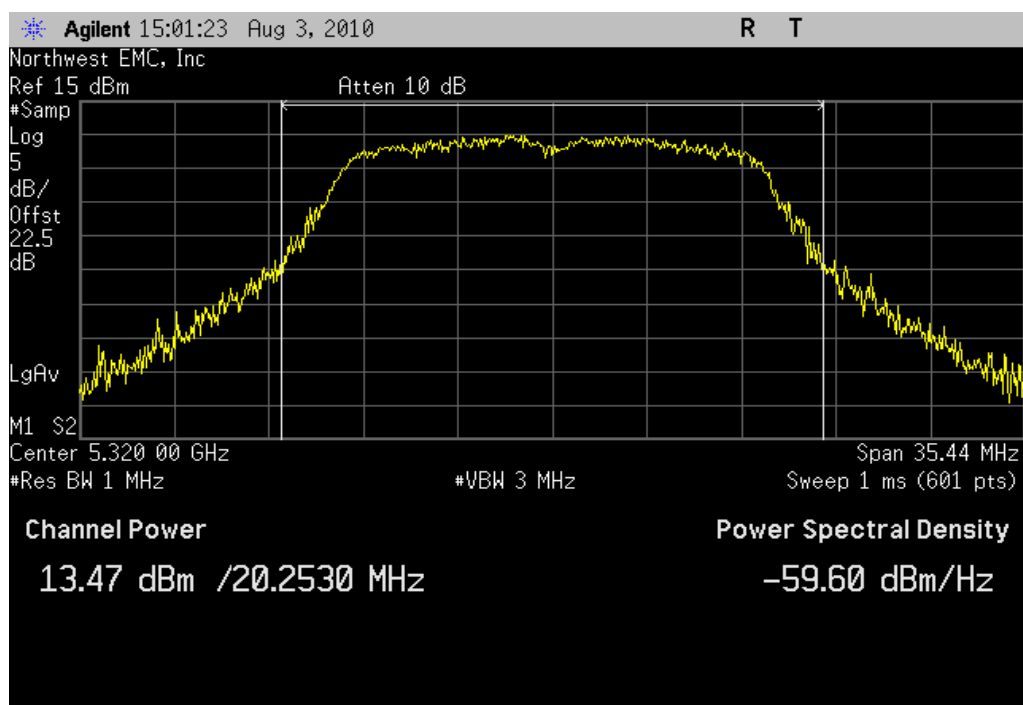
802.11(a) 6 Mbps, 5150 - 5250 MHz Band, Channel 48, High Channel

**Result:** Pass**Value:** 13.5 dBm**Limit:** 17 dBm

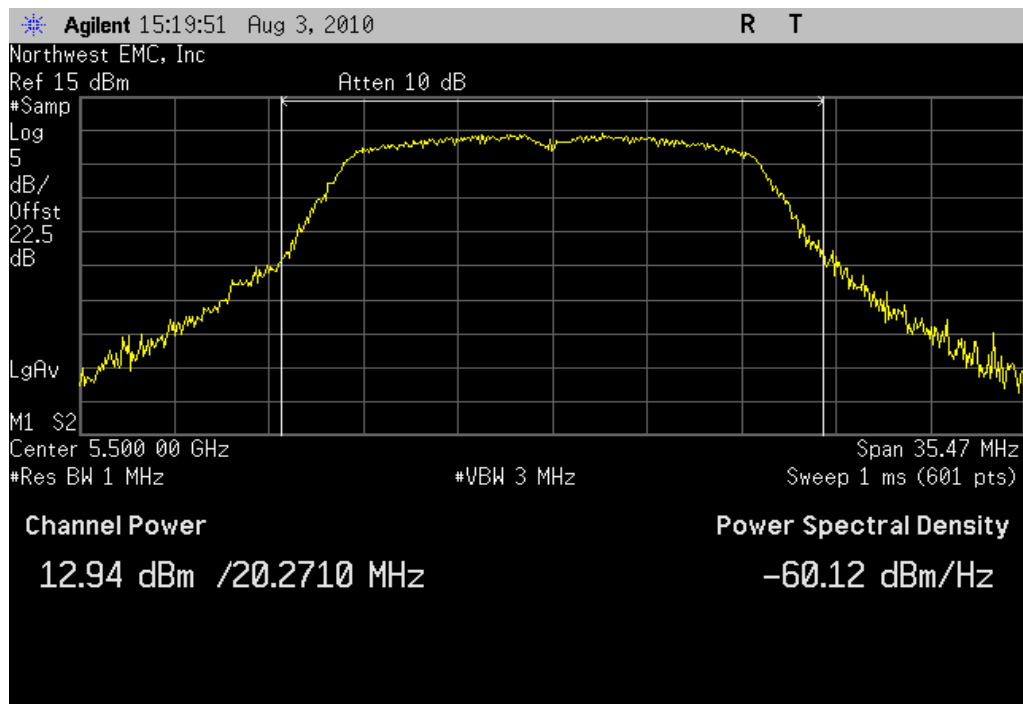
802.11(a) 6 Mbps, 5250 - 5350 MHz Band, Channel 52, Low Channel

**Result:** Pass**Value:** 13.7 dBm**Limit:** 24 dBm

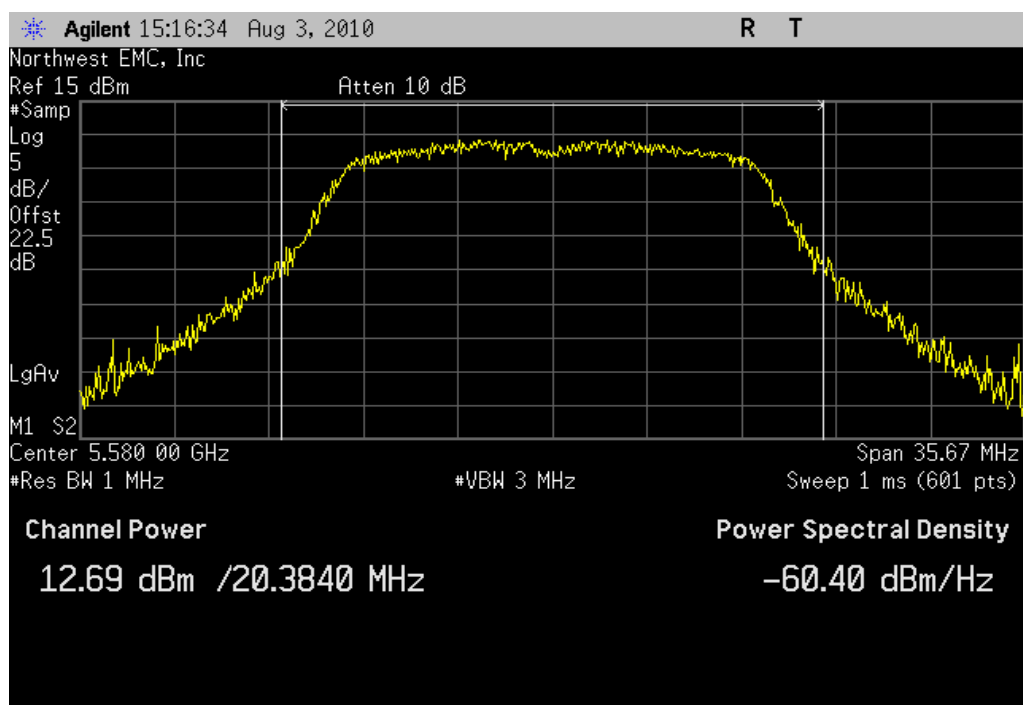
802.11(a) 6 Mbps, 5250 - 5350 MHz Band, Channel 64, High Channel

**Result:** Pass**Value:** 13.5 dBm**Limit:** 24 dBm

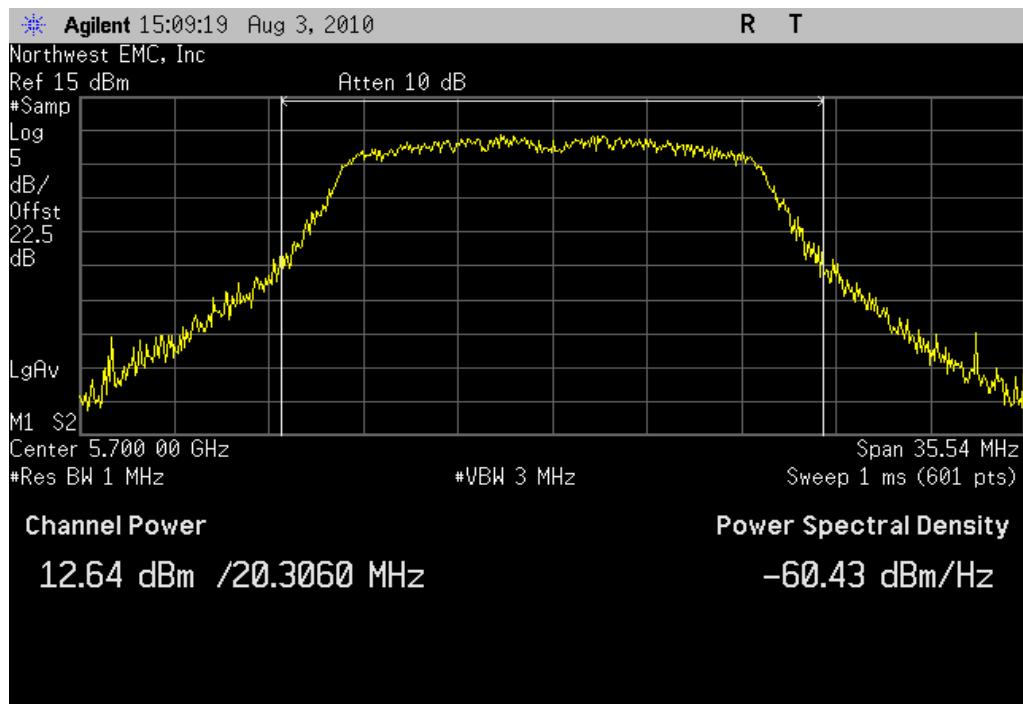
802.11(a) 6 Mbps, 5470 - 5725 MHz Band, Channel 100, Low Channel

**Result:** Pass**Value:** 12.9 dBm**Limit:** 24 dBm

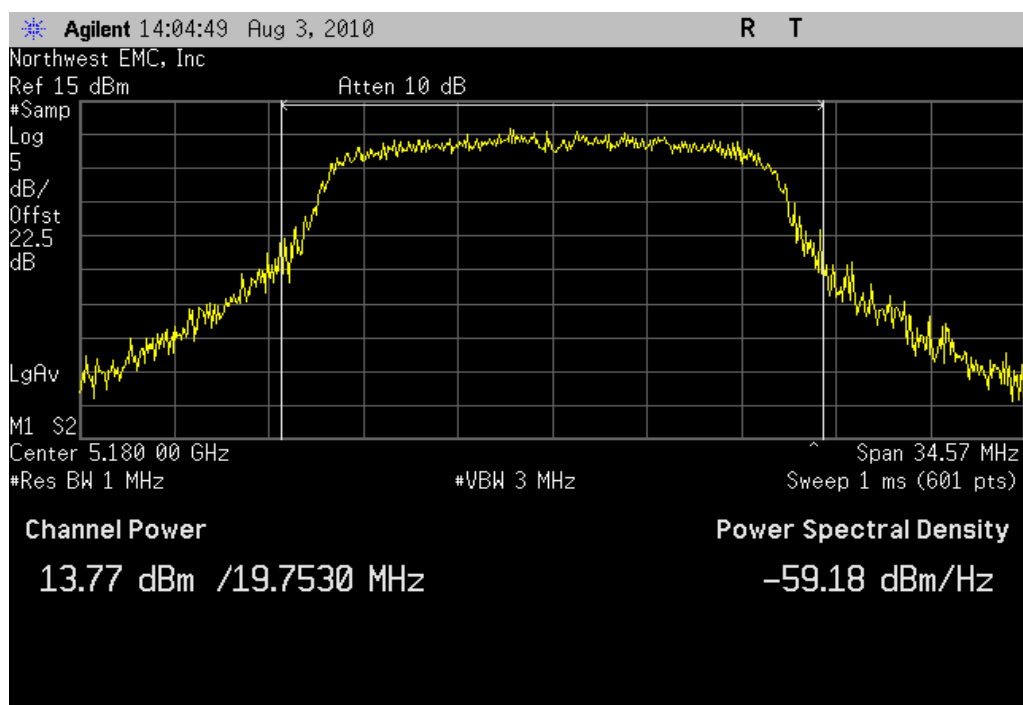
802.11(a) 6 Mbps, 5470 - 5725 MHz Band, Channel 116, Mid Channel

**Result:** Pass**Value:** 12.7 dBm**Limit:** 24 dBm

802.11(a) 6 Mbps, 5470 - 5725 MHz Band, Channel 140, High Channel

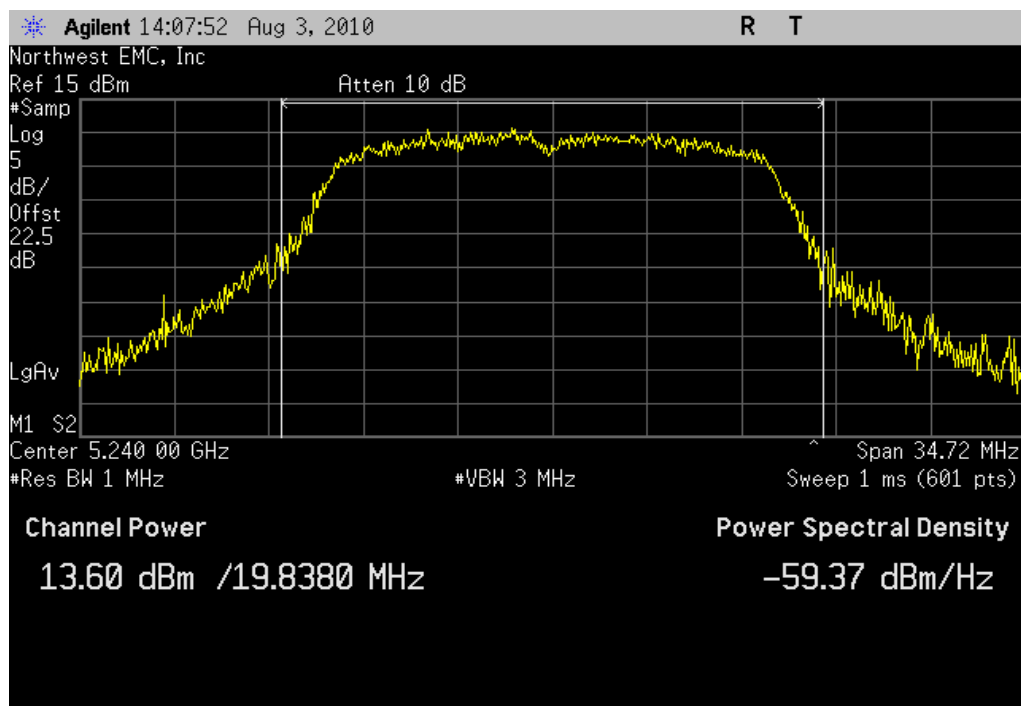
**Result:** Pass**Value:** 12.6 dBm**Limit:** 24 dBm

802.11(a) 36 Mbps, 5150 - 5250 MHz Band, Channel 36, Low Channel

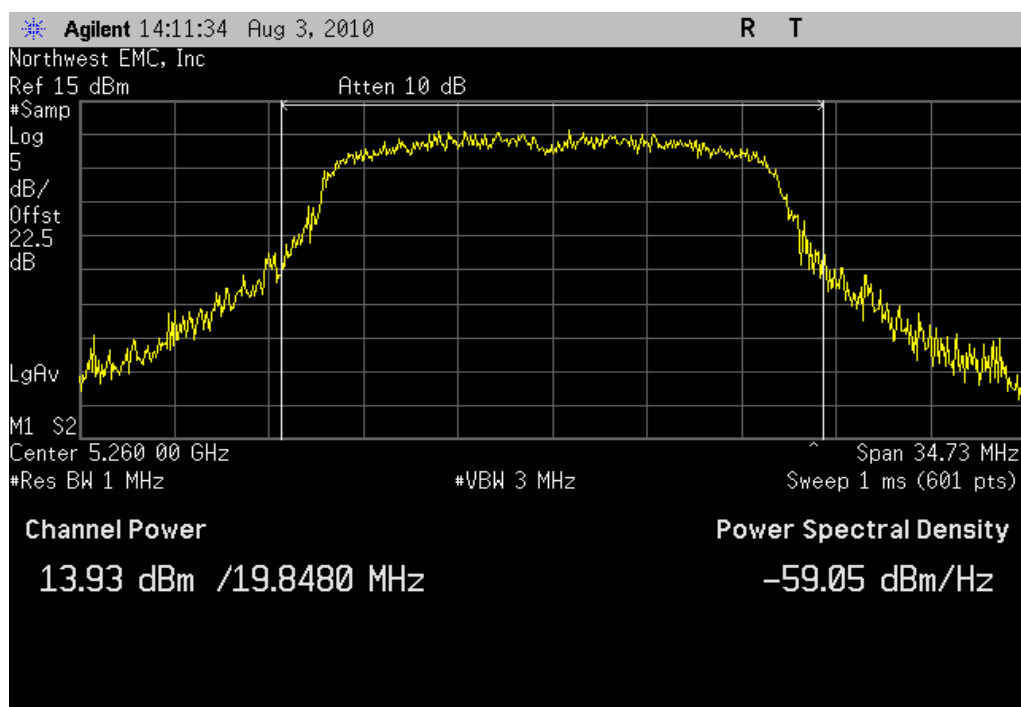
**Result:** Pass**Value:** 13.8 dBm**Limit:** 17 dBm

## PEAK TRANSMIT POWER

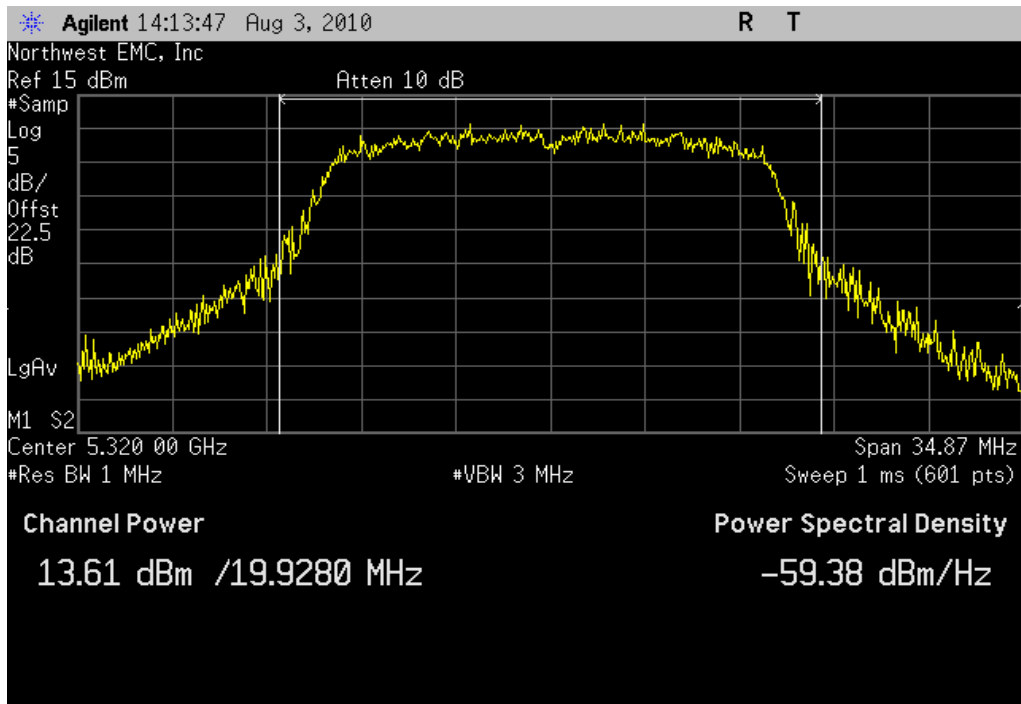
802.11(a) 36 Mbps, 5150 - 5250 MHz Band, Channel 48, High Channel

**Result:** Pass**Value:** 13.6 dBm**Limit:** 17 dBm

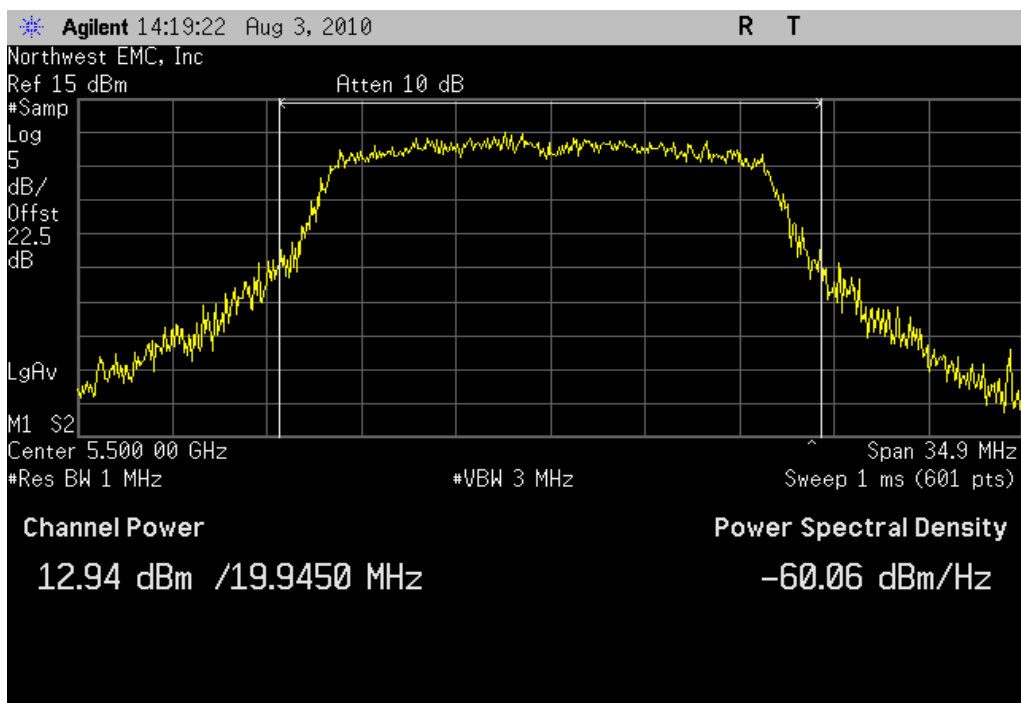
802.11(a) 36 Mbps, 5250 - 5350 MHz Band, Channel 52, Low Channel

**Result:** Pass**Value:** 13.9 dBm**Limit:** 24 dBm

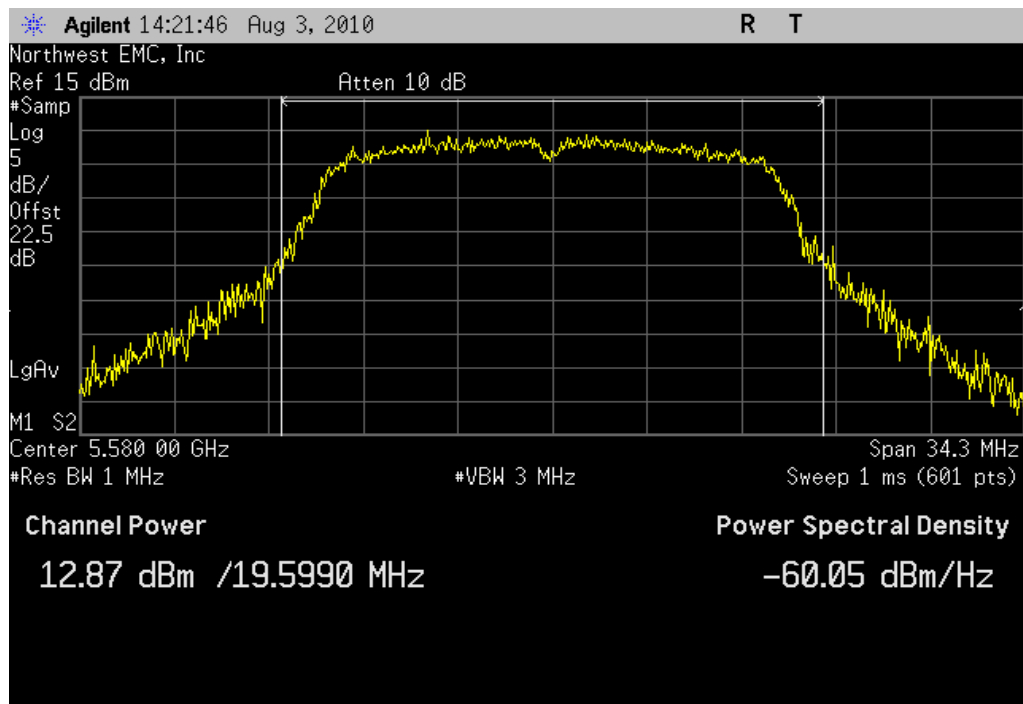
802.11(a) 36 Mbps, 5250 - 5350 MHz Band, Channel 64, High Channel

**Result:** Pass**Value:** 13.6 dBm**Limit:** 24 dBm

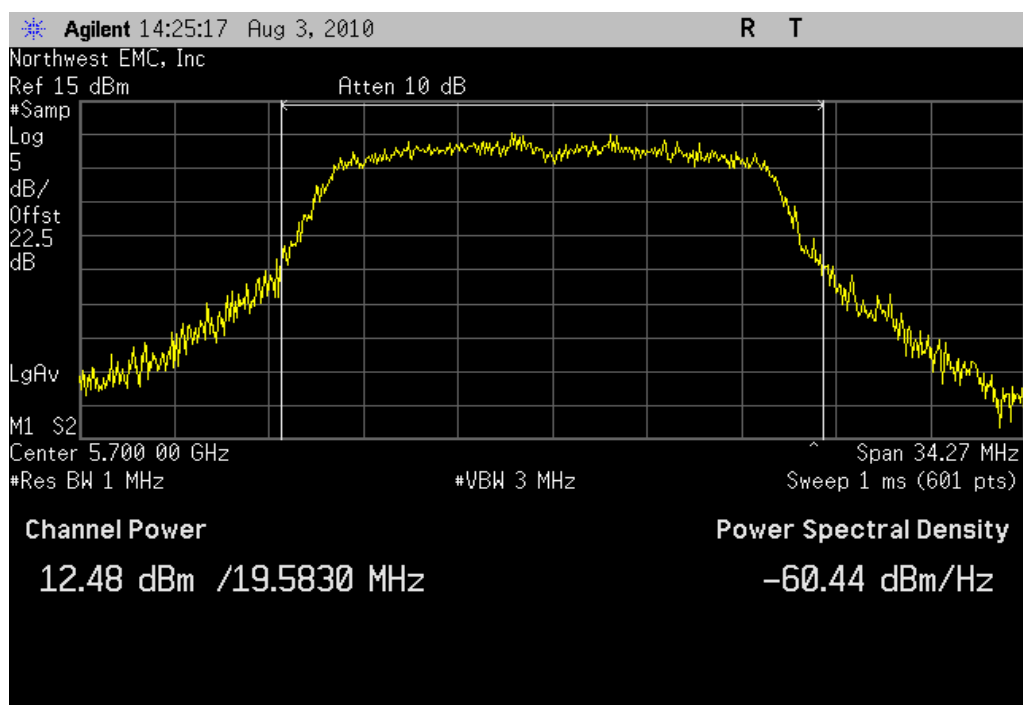
802.11(a) 36 Mbps, 5470 - 5725 MHz Band, Channel 100, Low Channel

**Result:** Pass**Value:** 12.9 dBm**Limit:** 24 dBm

802.11(a) 36 Mbps, 5470 - 5725 MHz Band, Channel 116, Mid Channel

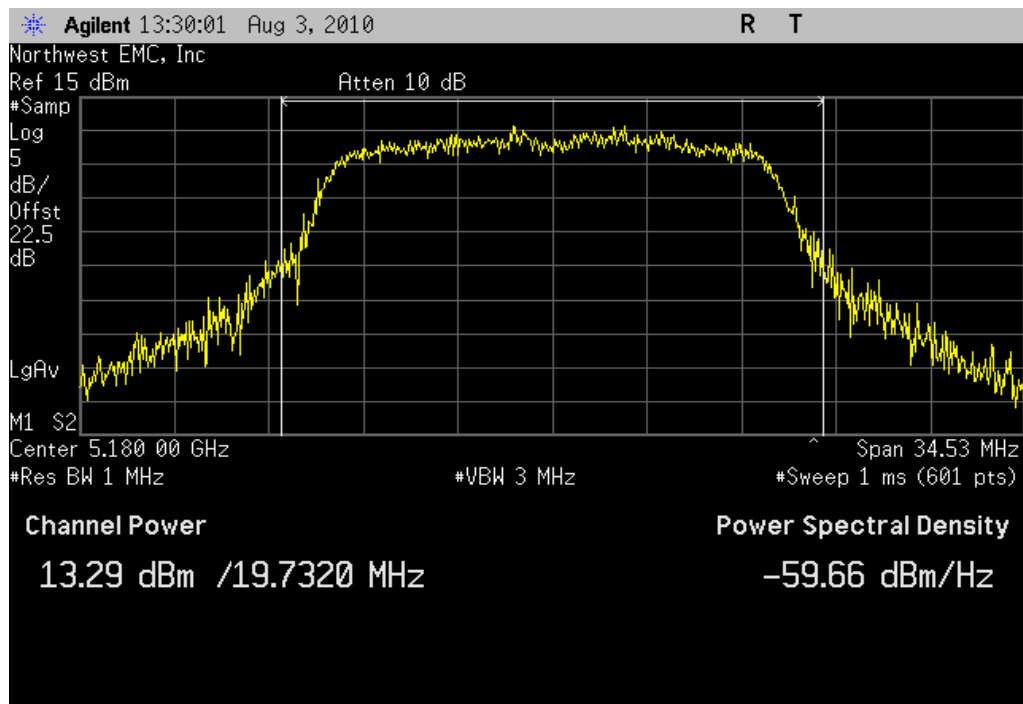
**Result:** Pass**Value:** 12.9 dBm**Limit:** 24 dBm

802.11(a) 36 Mbps, 5470 - 5725 MHz Band, Channel 140, High Channel

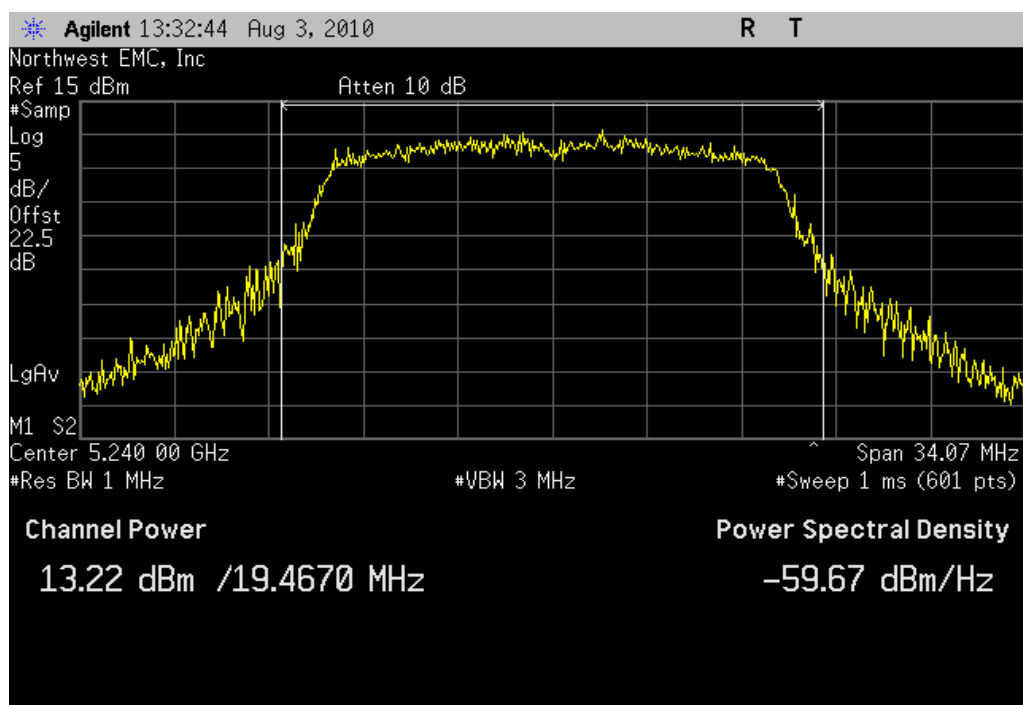
**Result:** Pass**Value:** 12.5 dBm**Limit:** 24 dBm



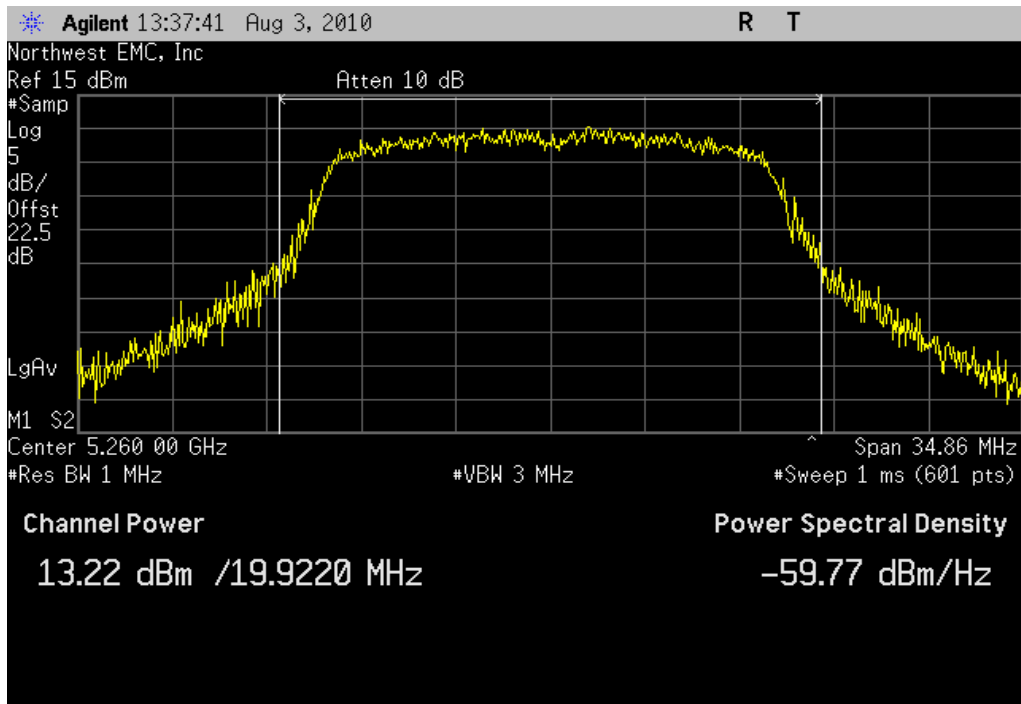
802.11(a) 54 Mbps, 5150 - 5250 MHz Band, Channel 36, Low Channel

**Result:** Pass**Value:** 13.3 dBm**Limit:** 17 dBm

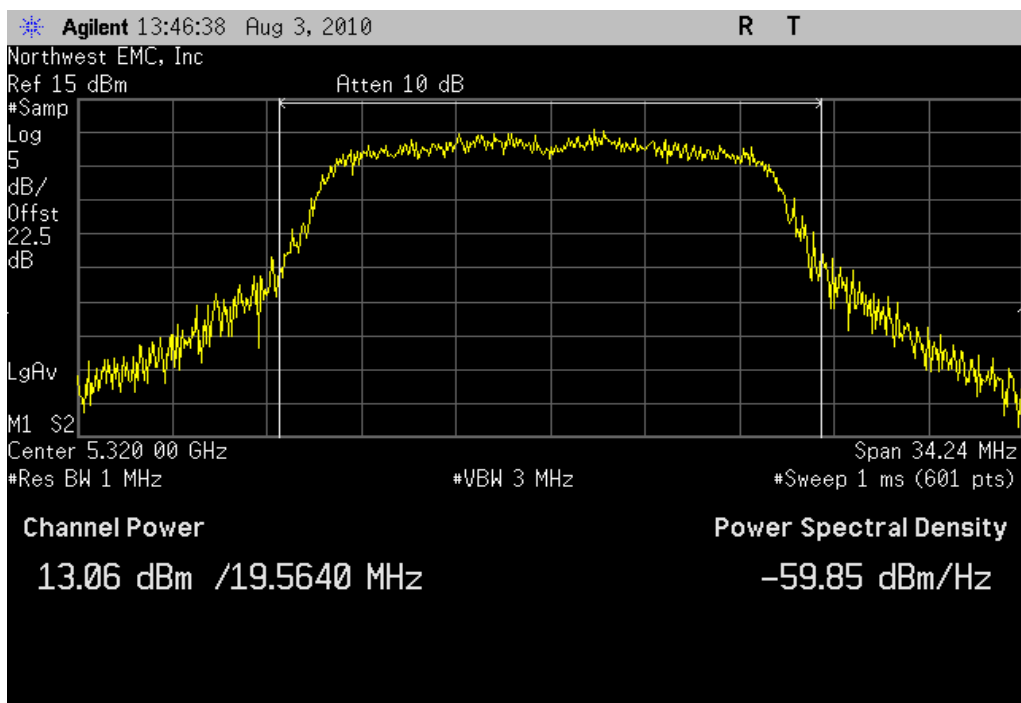
802.11(a) 54 Mbps, 5150 - 5250 MHz Band, Channel 48, High Channel

**Result:** Pass**Value:** 13.2 dBm**Limit:** 17 dBm

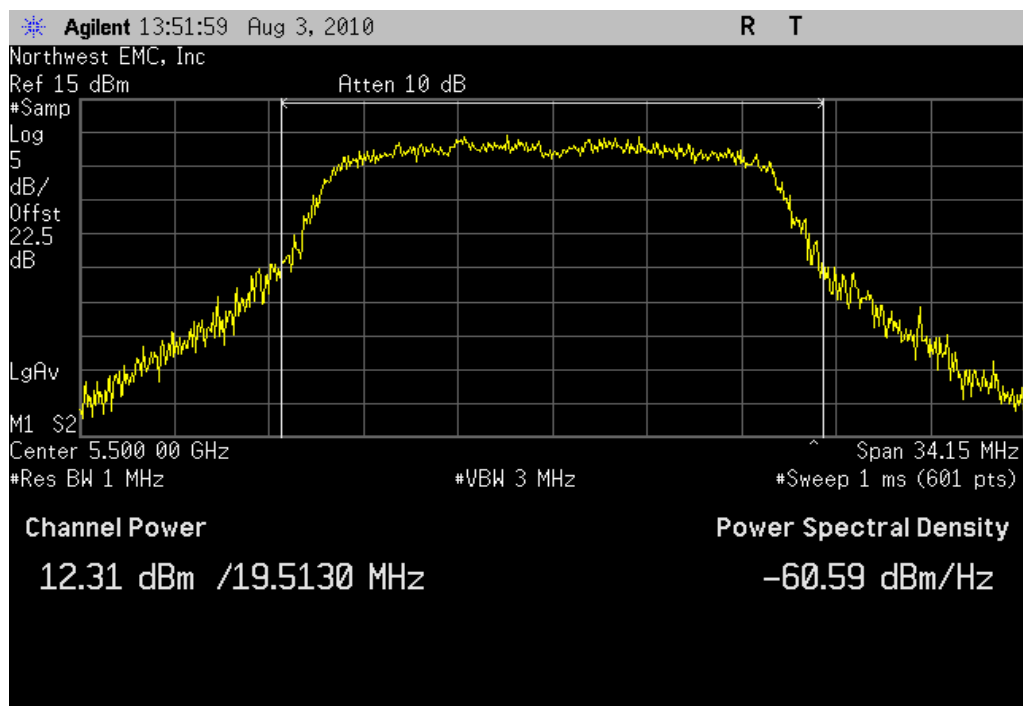
802.11(a) 54 Mbps, 5250 - 5350 MHz Band, Channel 52, Low Channel

**Result:** Pass**Value:** 13.2 dBm**Limit:** 24 dBm

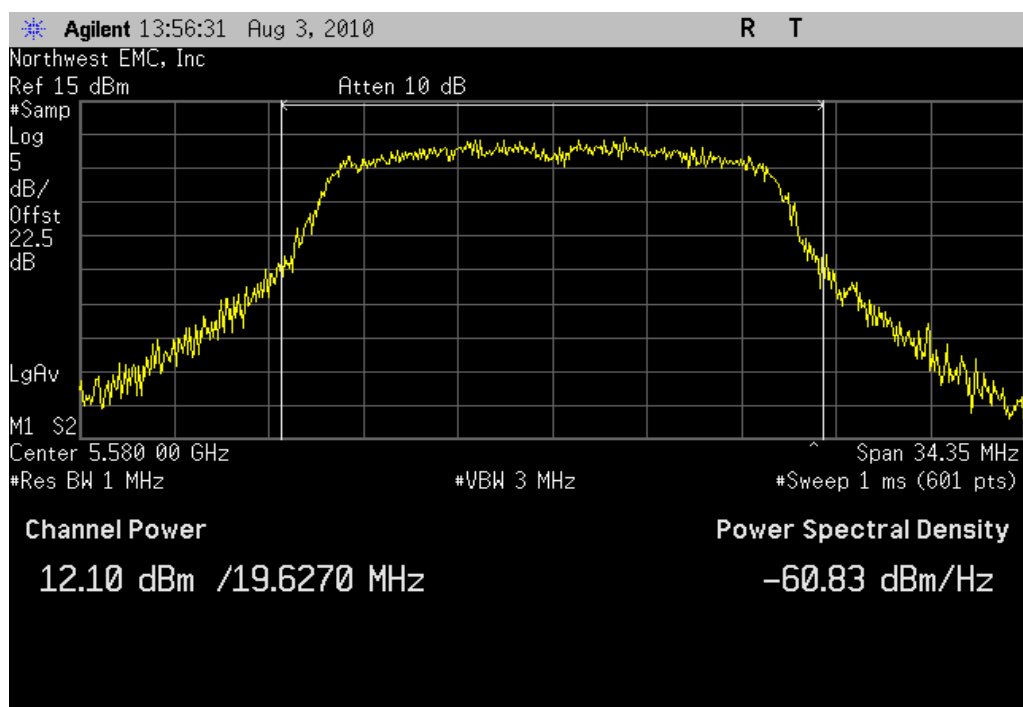
802.11(a) 54 Mbps, 5250 - 5350 MHz Band, Channel 64, High Channel

**Result:** Pass**Value:** 13.1 dBm**Limit:** 24 dBm

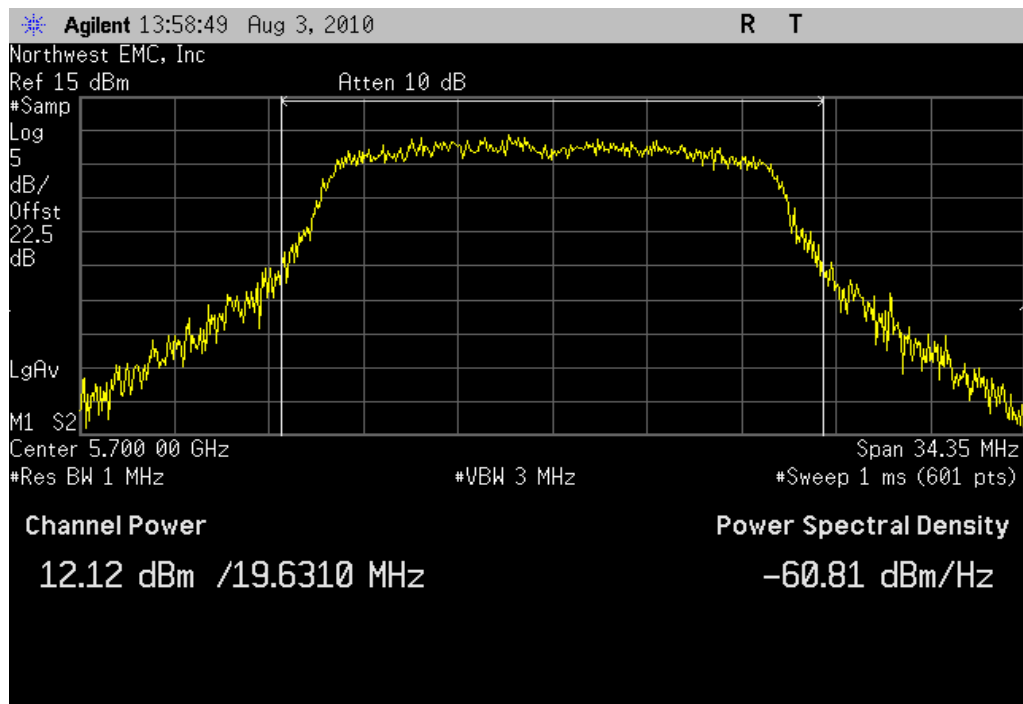
802.11(a) 54 Mbps, 5470 - 5725 MHz Band, Channel 100, Low Channel

**Result:** Pass**Value:** 12.3 dBm**Limit:** 24 dBm

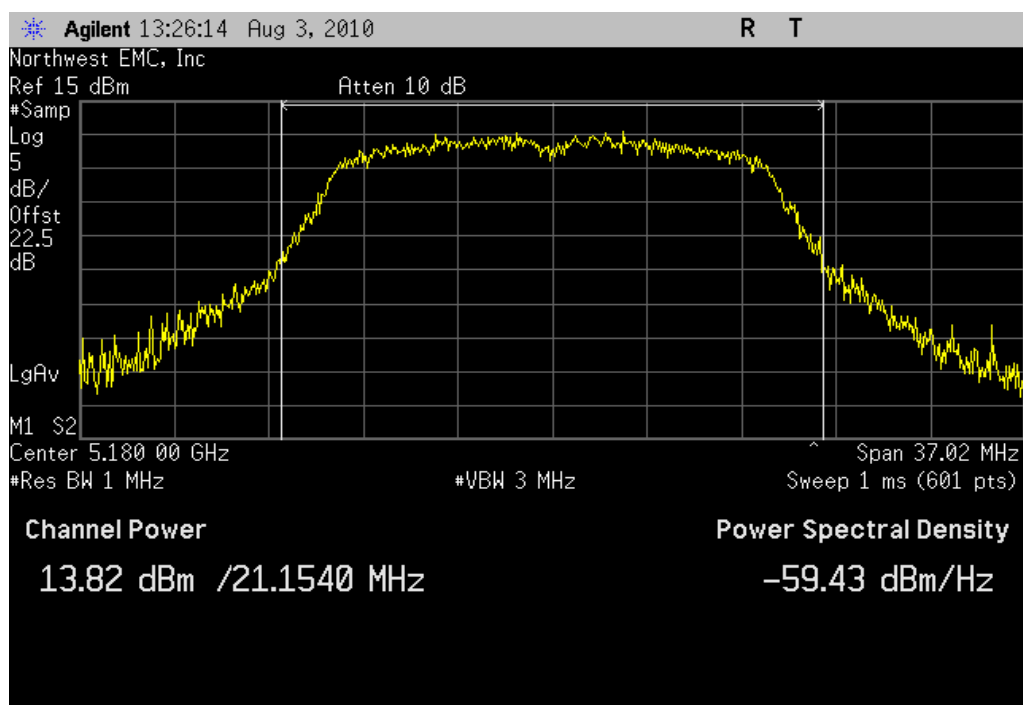
802.11(a) 54 Mbps, 5470 - 5725 MHz Band, Channel 116, Mid Channel

**Result:** Pass**Value:** 12.1 dBm**Limit:** 24 dBm

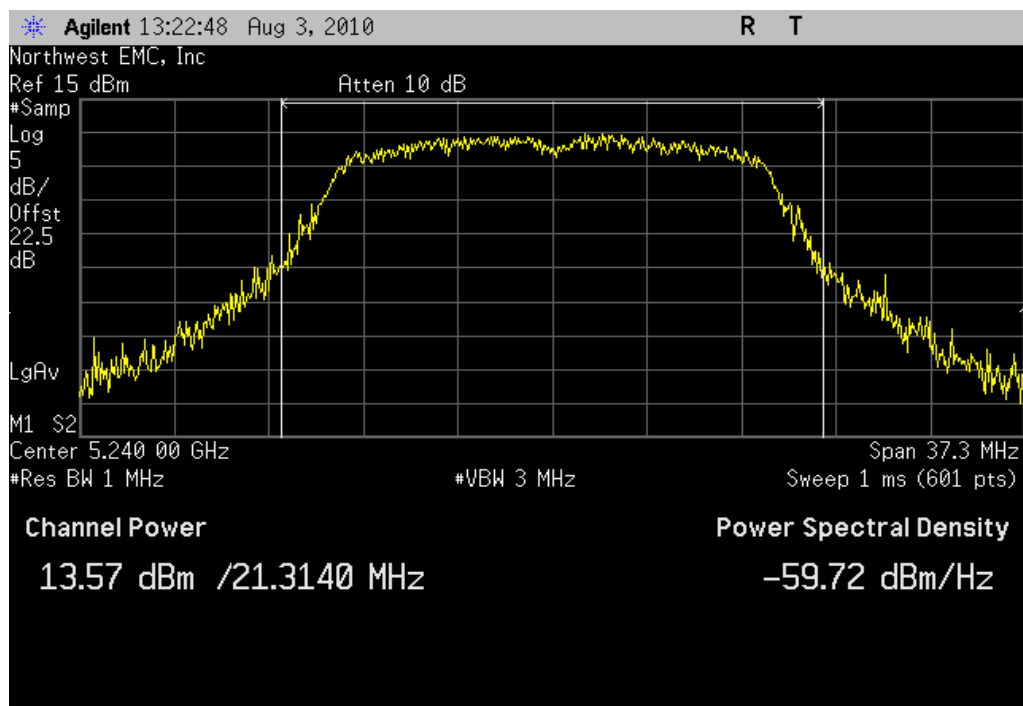
802.11(a) 54 Mbps, 5470 - 5725 MHz Band, Channel 140, High Channel

**Result:** Pass**Value:** 12.1 dBm**Limit:** 24 dBm

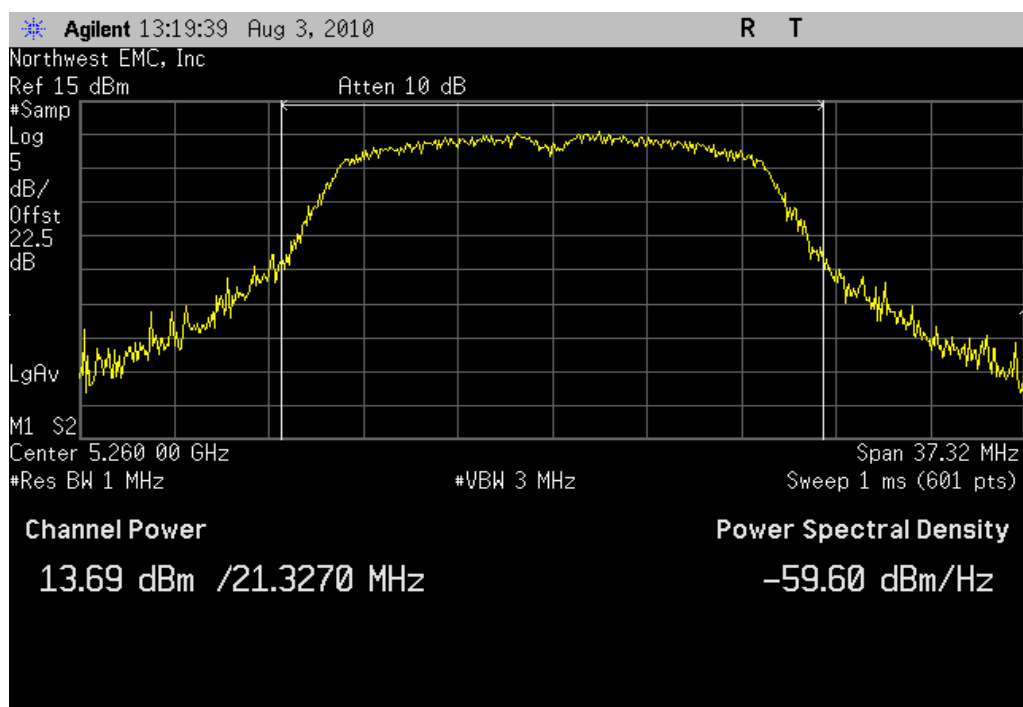
802.11(n) MCS0, 5150 - 5250 MHz Band, Channel 36, Low Channel

**Result:** Pass**Value:** 13.8 dBm**Limit:** 17 dBm

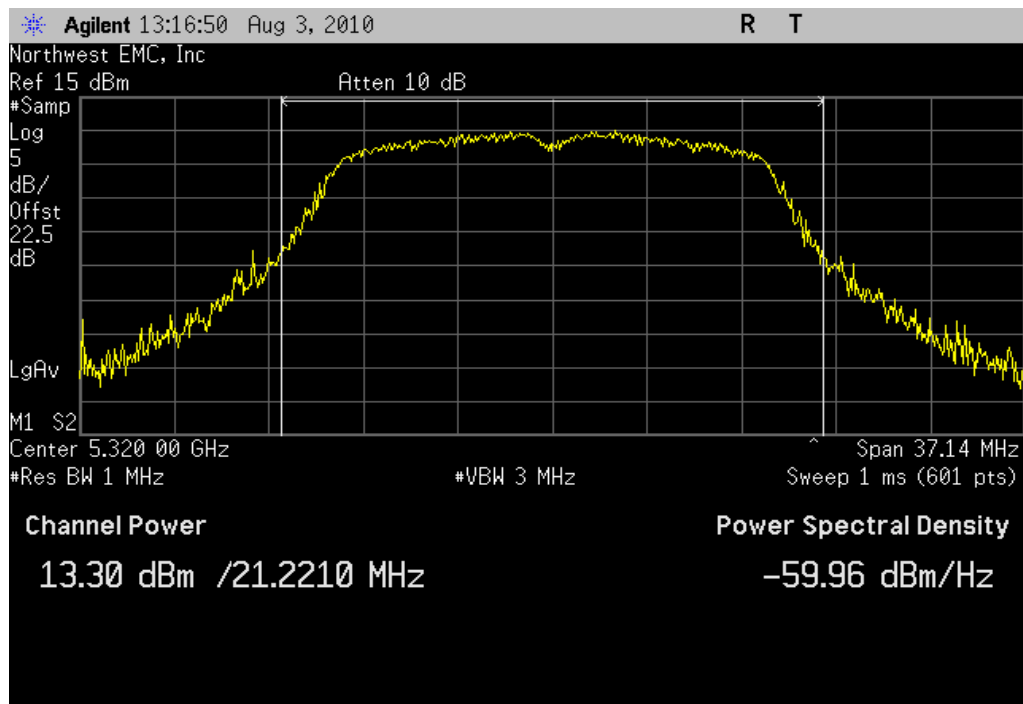
802.11(n) MCS0, 5150 - 5250 MHz Band, Channel 48, High Channel

**Result:** Pass**Value:** 13.6 dBm**Limit:** 17 dBm

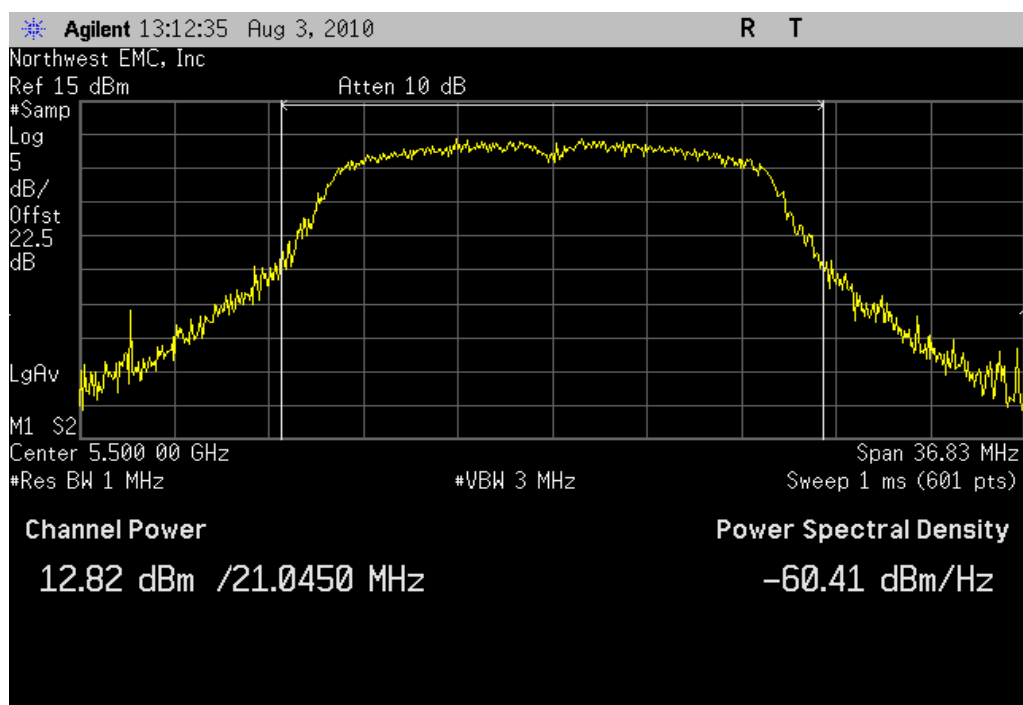
802.11(n) MCS0, 5250 - 5350 MHz Band, Channel 52, Low Channel

**Result:** Pass**Value:** 13.7 dBm**Limit:** 24 dBm

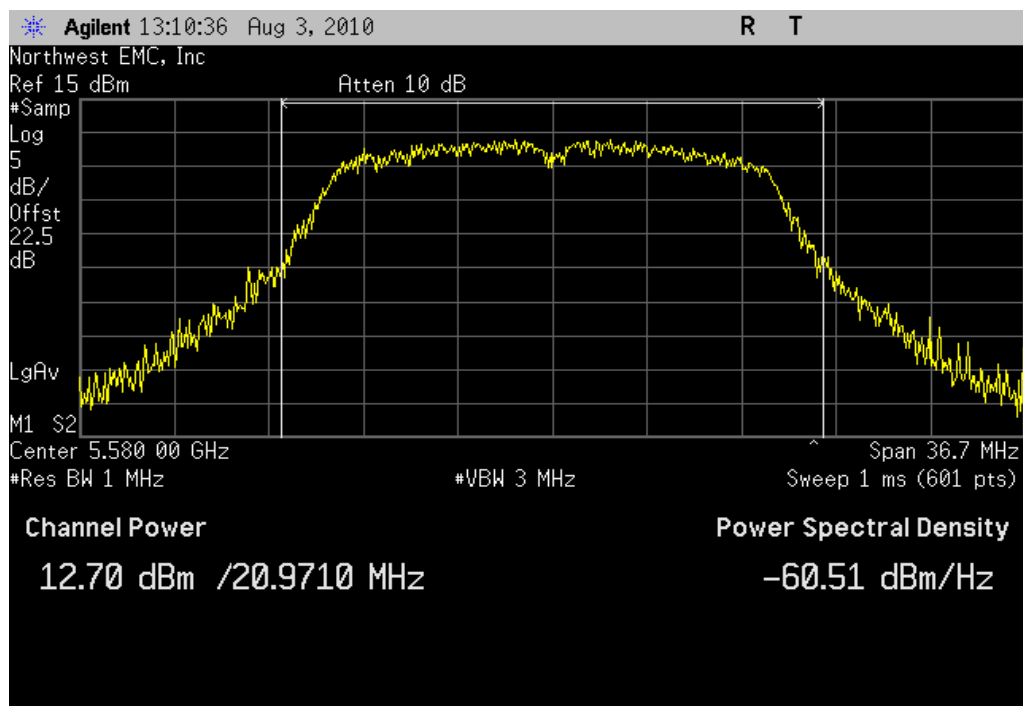
802.11(n) MCS0, 5250 - 5350 MHz Band, Channel 64, High Channel

**Result:** Pass**Value:** 13.3 dBm**Limit:** 24 dBm

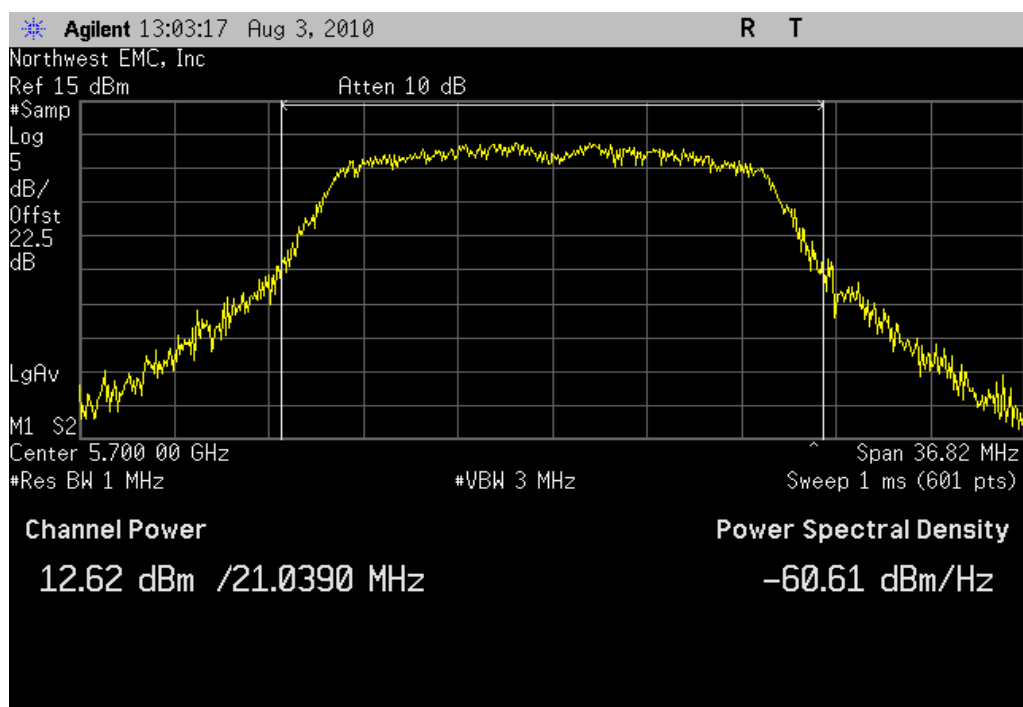
802.11(n) MCS0, 5470 - 5725 MHz Band, Channel 100, Low Channel

**Result:** Pass**Value:** 12.8 dBm**Limit:** 24 dBm

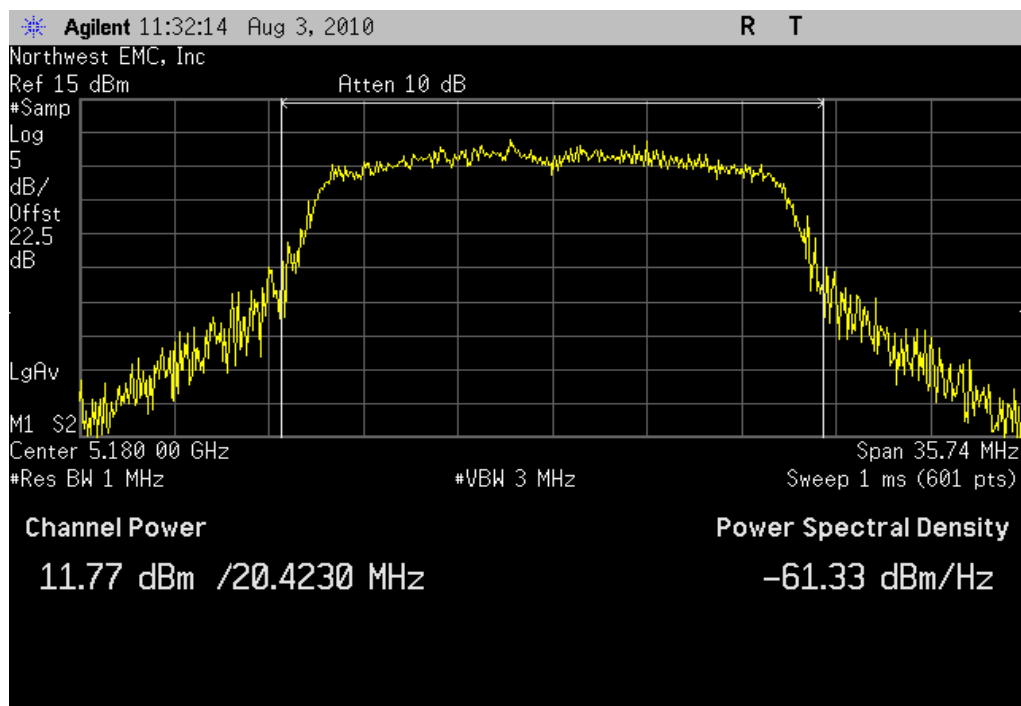
802.11(n) MCS0, 5470 - 5725 MHz Band, Channel 116, Mid Channel

**Result:** Pass**Value:** 12.7 dBm**Limit:** 24 dBm

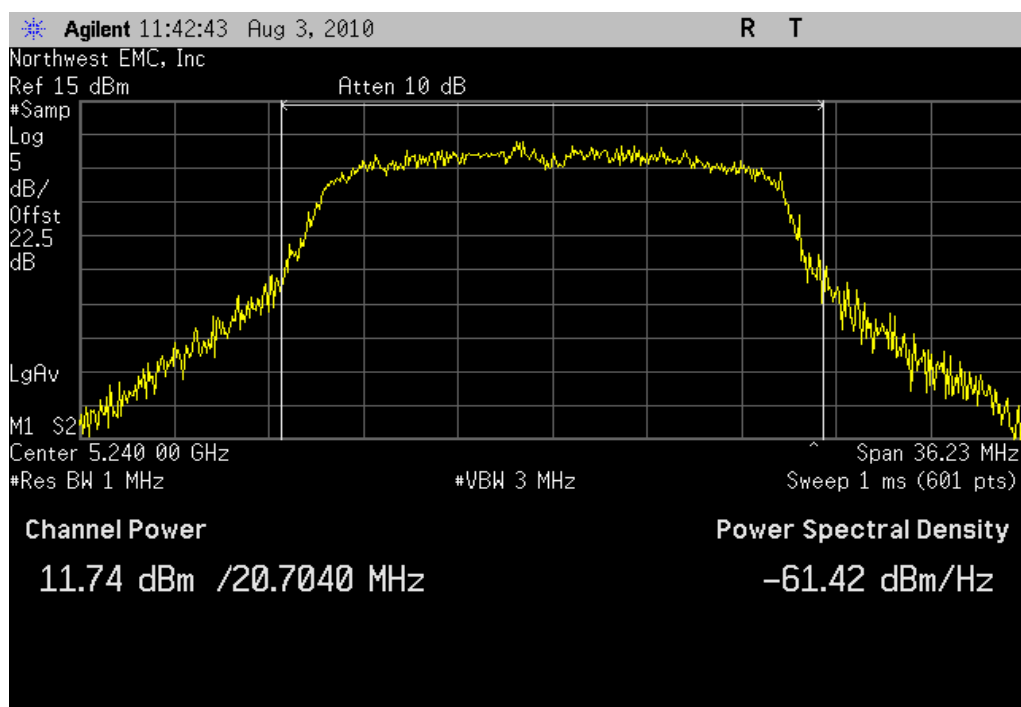
802.11(n) MCS0, 5470 - 5725 MHz Band, Channel 140, High Channel

**Result:** Pass**Value:** 12.6 dBm**Limit:** 24 dBm

802.11(n) MCS7, 5150 - 5250 MHz Band, Channel 36, Low Channel

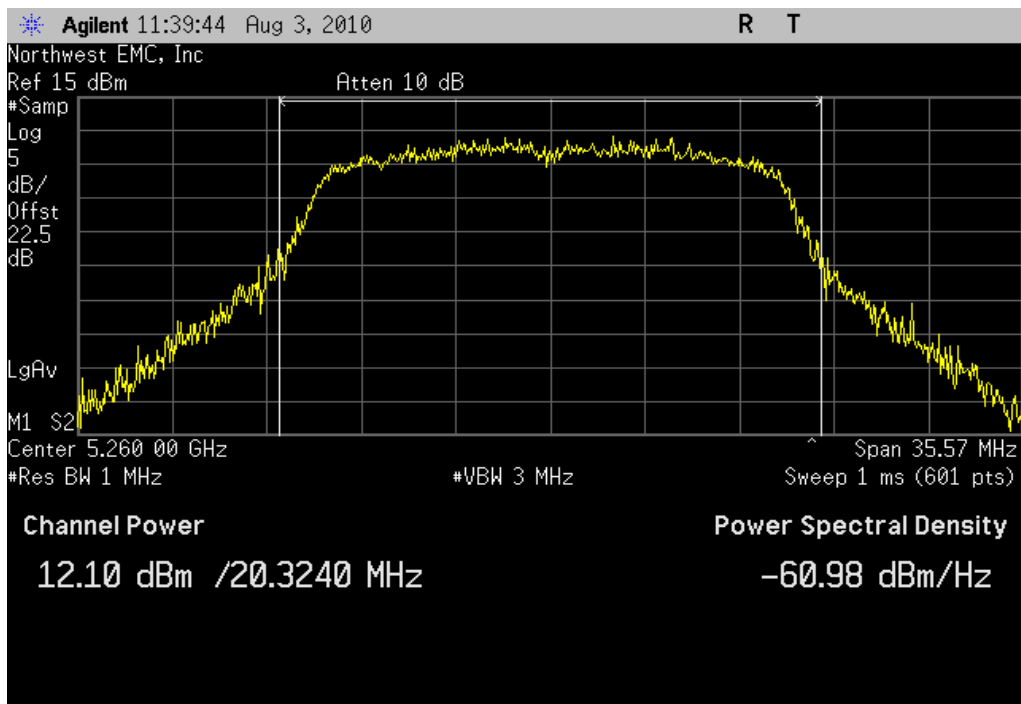
**Result:** Pass**Value:** 11.8 dBm**Limit:** 17 dBm

802.11(n) MCS7, 5150 - 5250 MHz Band, Channel 48, High Channel

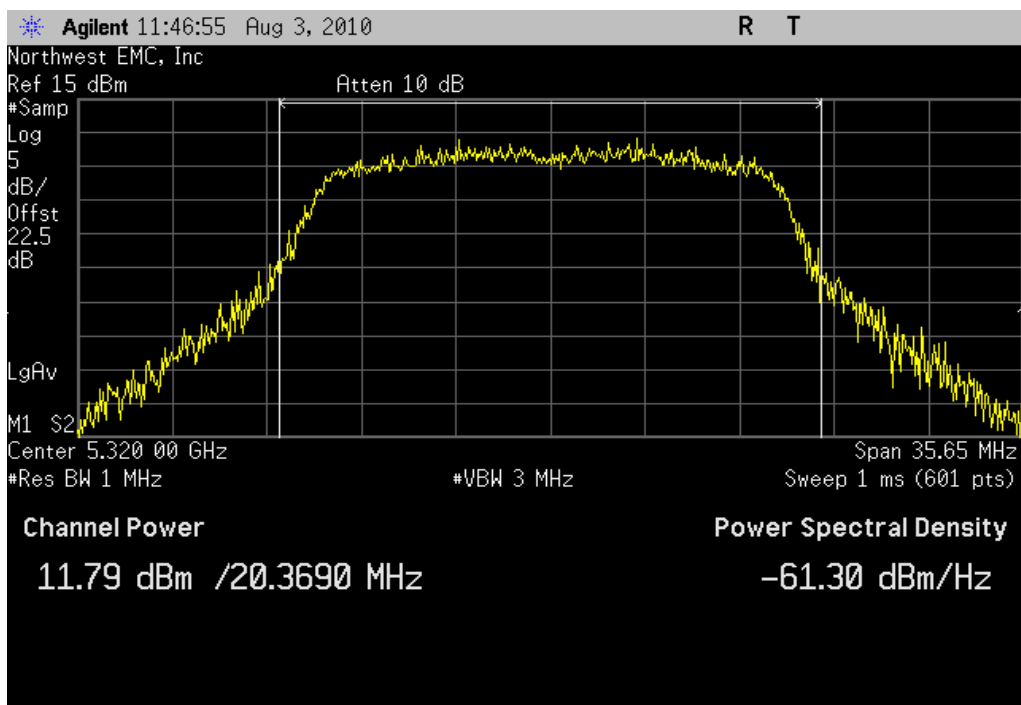
**Result:** Pass**Value:** 11.7 dBm**Limit:** 17 dBm



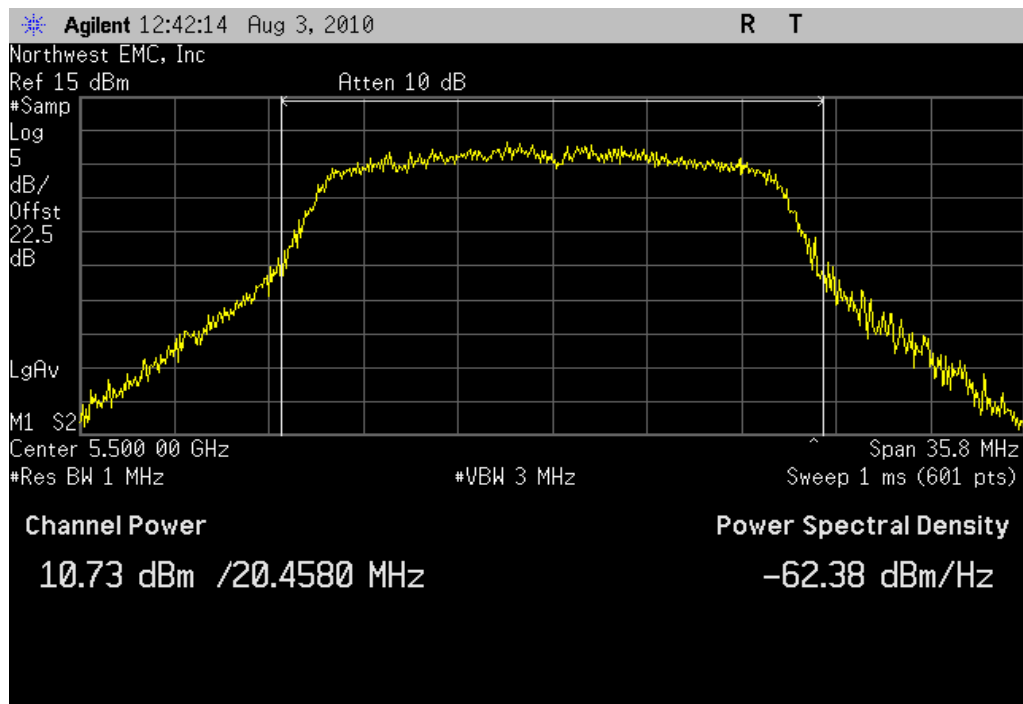
802.11(n) MCS7, 5250 - 5350 MHz Band, Channel 52, Low Channel

**Result:** Pass**Value:** 12.1 dBm**Limit:** 24 dBm

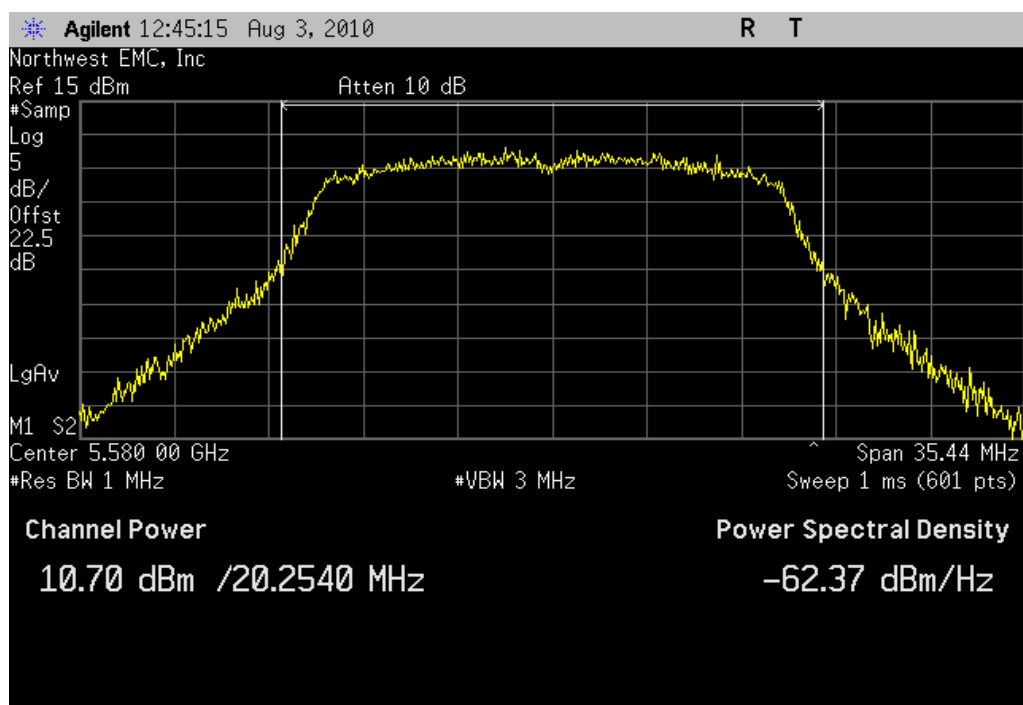
802.11(n) MCS7, 5250 - 5350 MHz Band, Channel 64, High Channel

**Result:** Pass**Value:** 11.8 dBm**Limit:** 24 dBm

802.11(n) MCS7, 5470 - 5725 MHz Band, Channel 100, Low Channel

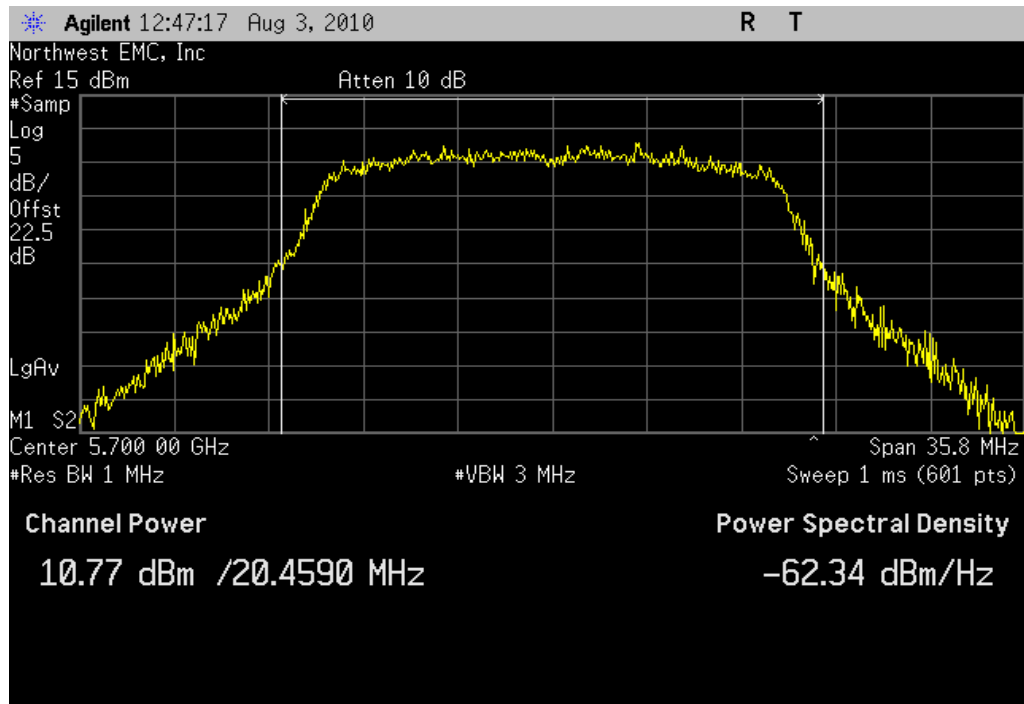
**Result:** Pass**Value:** 10.7 dBm**Limit:** 24 dBm

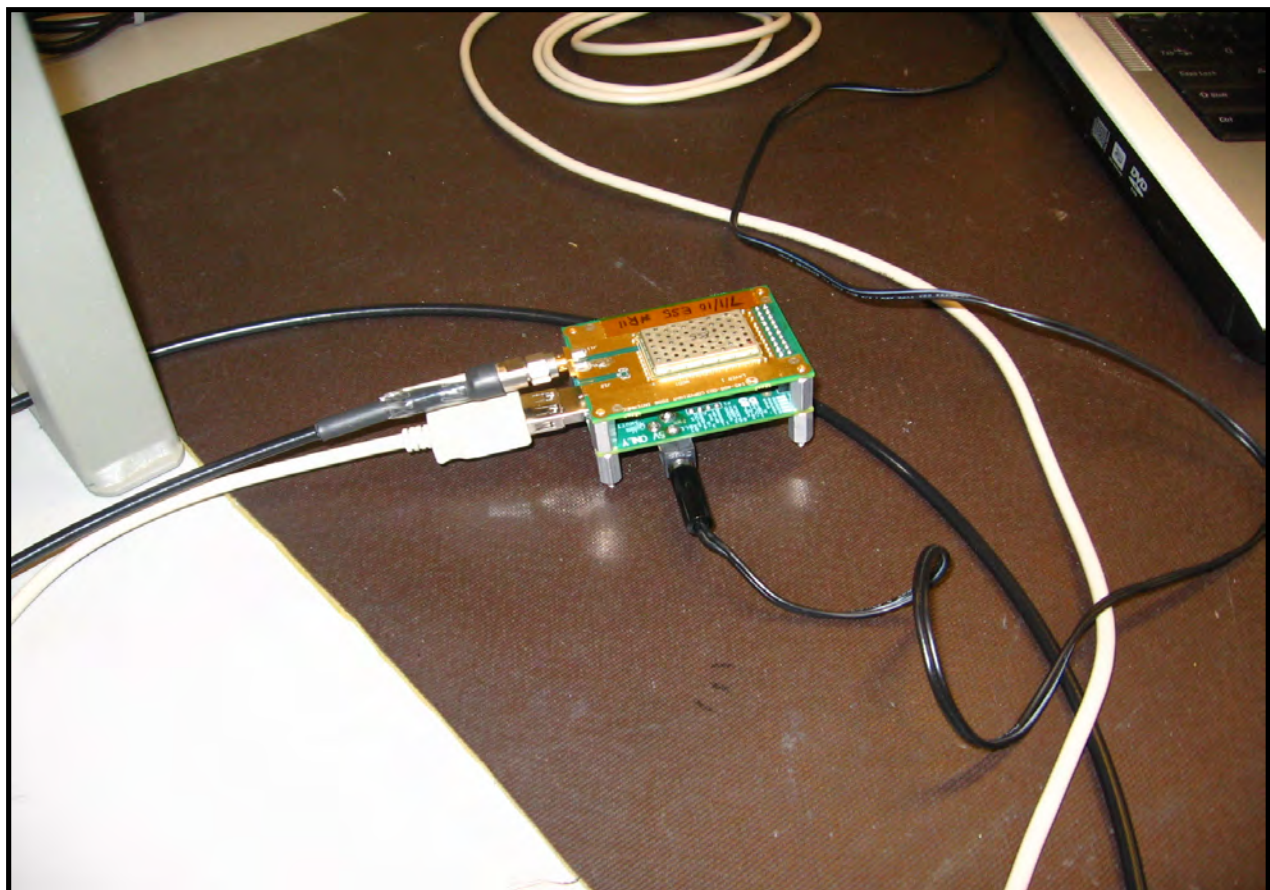
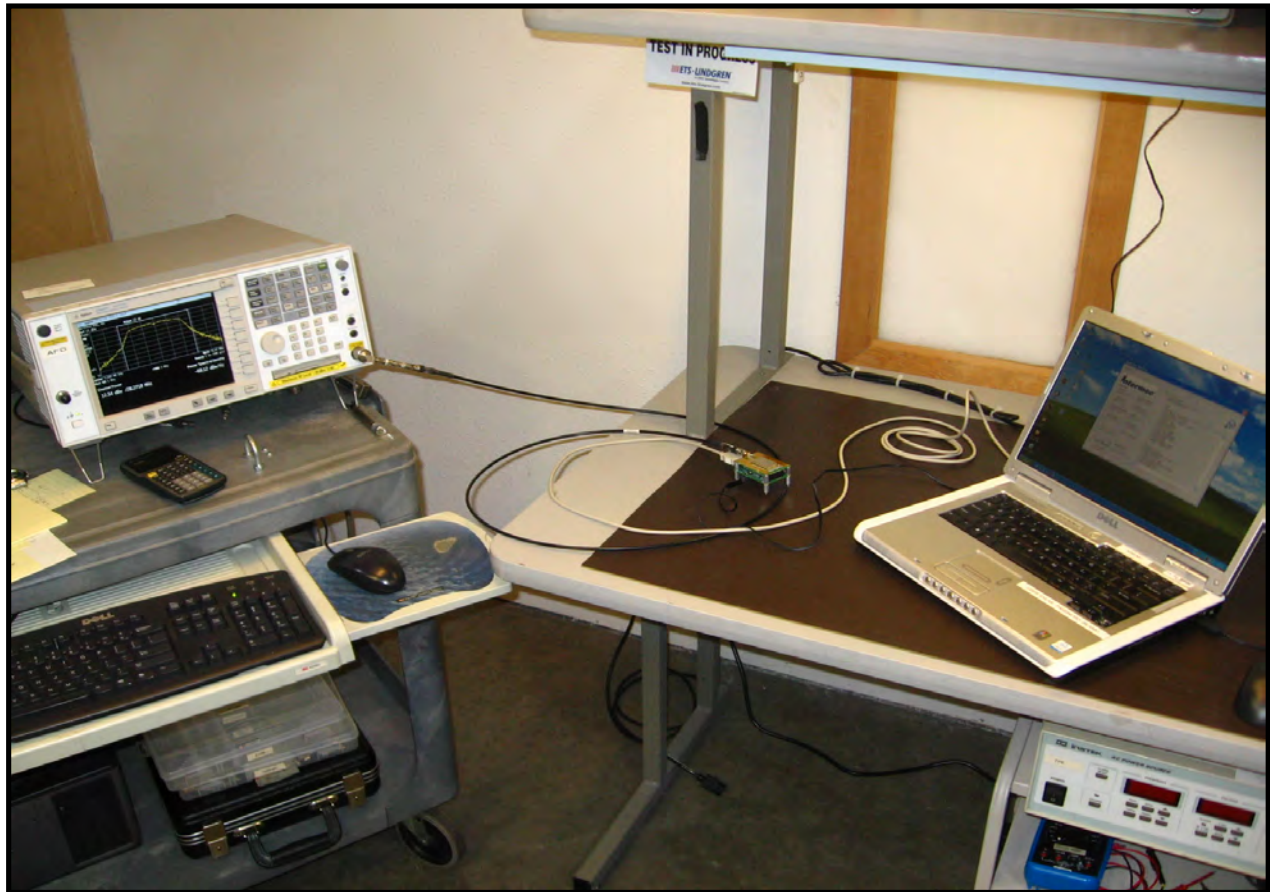
802.11(n) MCS7, 5470 - 5725 MHz Band, Channel 116, Mid Channel

**Result:** Pass**Value:** 10.7 dBm**Limit:** 24 dBm

## PEAK TRANSMIT POWER

802.11(n) MCS7, 5470 - 5725 MHz Band, Channel 140, High Channel

**Result:** Pass**Value:** 10.8 dBm**Limit:** 24 dBm



Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

**MODES OF OPERATION**

Continuous Tx. 802.11

Continuous Tx. 802.11a, 6Mbps

Continuous Tx. 802.11a

Continuous Tx. 802.11 5GHz

**MODE USED FOR FINAL DATA**

Continuous Tx. 802.11

**POWER SETTINGS INVESTIGATED**

5VDC

**FREQUENCY RANGE INVESTIGATED**

|                 |        |                |        |
|-----------------|--------|----------------|--------|
| Start Frequency | 30 MHz | Stop Frequency | 40 GHz |
|-----------------|--------|----------------|--------|

**SAMPLE CALCULATIONS**

Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation

**TEST EQUIPMENT**

| Description              | Manufacturer    | Model                     | ID  | Last Cal.  | Interval |
|--------------------------|-----------------|---------------------------|-----|------------|----------|
| Spectrum Analyzer        | Agilent         | E4446A                    | AAQ | 1/6/2010   | 12       |
| Int. Analyzer            | Electro Metrics | EMC-10                    | AAZ | NCR        | 12       |
| High Pass Filter         | Micro-Tronics   | HPM50112                  | HGA | 10/1/2009  | 13       |
| 5.725-5.875 Notch Filter | Micro-Tronics   | BRC50705                  | HGJ | 7/31/2009  | 13       |
| 5.47-5.725 Notch Filter  | Micro-Tronics   | BRC50704                  | HGI | 10/1/2009  | 13       |
| 5.25 GHz Notch Filter    | K&L Microwave   | 8N50-5250/X200-0/0        | HFK | 4/2/2010   | 13       |
| OC Cable                 | ESM Cable Corp. | KMKM-72                   | OCV | 11/3/2009  | 13       |
| Cable                    | ESM Cable Corp. | KMKM-72                   | EVY | 11/3/2009  | 13       |
| EV12 Cables              | N/A             | Standard Gain Horn Cables | EVU | 7/14/2010  | 13       |
| EV12 Cables              | N/A             | Double Ridge Horn Cables  | EVT | 10/23/2009 | 13       |
| EV12 Cables              | N/A             | Bilog Cables              | EVS | 7/14/2010  | 13       |
| Pre-Amplifier            | Miteq           | JSW45-26004000-40-5P      | AVR | 6/22/2010  | 13       |
| Pre-Amplifier            | Miteq           | AMF-6F-18002650-25-10P    | AVU | 5/19/2009  | 16       |
| Pre-Amplifier            | Miteq           | AMF-6F-12001800-30-10P    | AVI | 7/14/2010  | 13       |
| Pre-Amplifier            | Miteq           | AMF-6F-08001200-30-10P    | AVH | 7/14/2010  | 13       |
| Pre-Amplifier            | Miteq           | AMF-3D00100800-32-13P     | AVF | 7/14/2010  | 13       |
| Pre-Amplifier            | Miteq           | AM-1616-1000              | AVM | 7/14/2010  | 13       |
| Antenna, Horn            | ETS Lindgren    | 3160-10                   | AIW | NCR        | 0        |
| Antenna, Horn            | ETS Lindgren    | 3160-09                   | AIV | NCR        | 0        |
| Antenna, Horn            | ETS             | 3160-08                   | AIA | NCR        | 0        |
| Antenna, Horn            | ETS             | 3160.07                   | AHZ | 10/14/2008 | 24       |
| Antenna, Horn            | ETS             | 3115                      | AIB | 8/25/2008  | 24       |
| Antenna, Biconilog       | EMCO            | 3141                      | AXG | 2/15/2010  | 13       |

**MEASUREMENT BANDWIDTHS**

| Frequency Range | Peak Data | Quasi-Peak Data | Average Data |
|-----------------|-----------|-----------------|--------------|
| (MHz)           | (kHz)     | (kHz)           | (kHz)        |
| 0.01 - 0.15     | 1.0       | 0.2             | 0.2          |
| 0.15 - 30.0     | 10.0      | 9.0             | 9.0          |
| 30.0 - 1000     | 100.0     | 120.0           | 120.0        |
| Above 1000      | 1000.0    | N/A             | 1000.0       |

Measurements were made using the bandwidths and detectors specified. No video filter was used.

**MEASUREMENT UNCERTAINTY**

A measurement uncertainty estimation has been performed for each test per our internal quality document WP 342. The estimation is used to compare the measured result with its "true" or theoretically correct value. Our measurement data meets or exceeds the measurement uncertainty requirements of CISPR 16-4. The measurement uncertainty estimation is available upon request.

**TEST DESCRIPTION**

The highest gain antenna of each type to be used with the EUT were tested. The EUT was configured for the lowest, a middle, and the highest transmit frequency in each operational band. For each configuration, the spectrum was scanned throughout the specified range. Measurements were made to satisfy the three requirements of 47 CFR 15.407: Field strength under 1GHz, Restricted Bands of 47 CFR 15.205, and EIRP of 47 CFR 15.407. While scanning, emissions from the EUT were maximized by rotating the EUT on a turntable, adjusting the position of the EUT and EUT antenna in three orthogonal axis, and adjusting the measurement antenna height and polarization (per ANSI C63.10:2009). A preamp and high pass filter (and notch filter) were used for this test in order to provide sufficient measurement sensitivity.

The amplitude and frequency of the highest emissions were noted. The EUT was then replaced with a ½ wave dipole that was successively tuned to each of the highest spurious emissions. A signal generator was connected to the dipole (horn antenna for frequencies above 1GHz), and its output was adjusted to match the level previously noted for each frequency. The output of the signal generator was recorded, and by factoring in the cable loss to the dipole antenna (or horn) and its gain (dBi); the effective radiated power for each radiated spurious emission was determined.

|                |                                   |                   |           |
|----------------|-----------------------------------|-------------------|-----------|
| EUT:           | RC12                              | Work Order:       | INMC0575  |
| Serial Number: | R14                               | Date:             | 08/03/10  |
| Customer:      | Intermec Technologies Corporation | Temperature:      | 21.4 °C   |
| Attendees:     | none                              | Humidity:         | 56%       |
| Project:       | None                              | Barometric Pres.: | 1019.1 mb |
| Tested by:     | Dan Haas                          | Power:            | SVDC      |
|                |                                   | Job Site:         | EV12      |

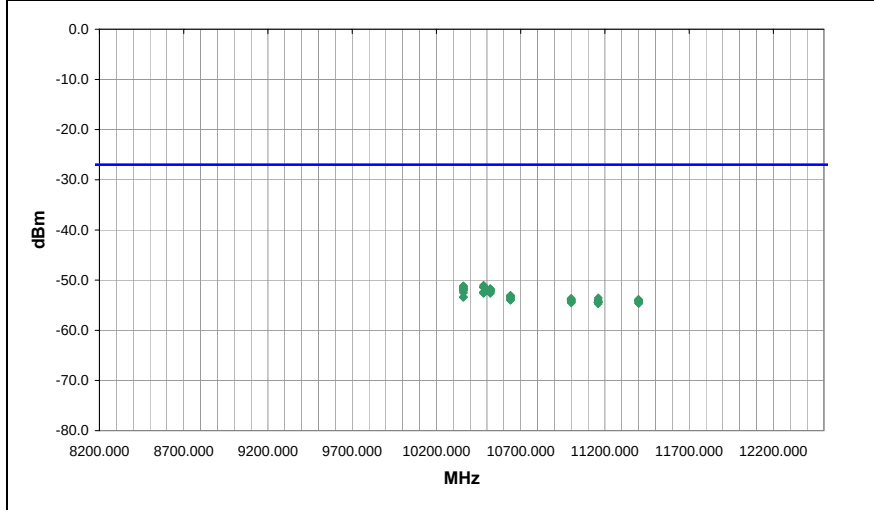
|                     |                  |
|---------------------|------------------|
| TEST SPECIFICATIONS | Test Method      |
| FCC 15.407:2010     | ANSI C63.10:2009 |

|                       |       |                   |   |
|-----------------------|-------|-------------------|---|
| TEST PARAMETERS       |       |                   |   |
| Antenna Height(s) (m) | 1 - 4 | Test Distance (m) | 0 |
| COMMENTS              |       |                   |   |

COMMENTS

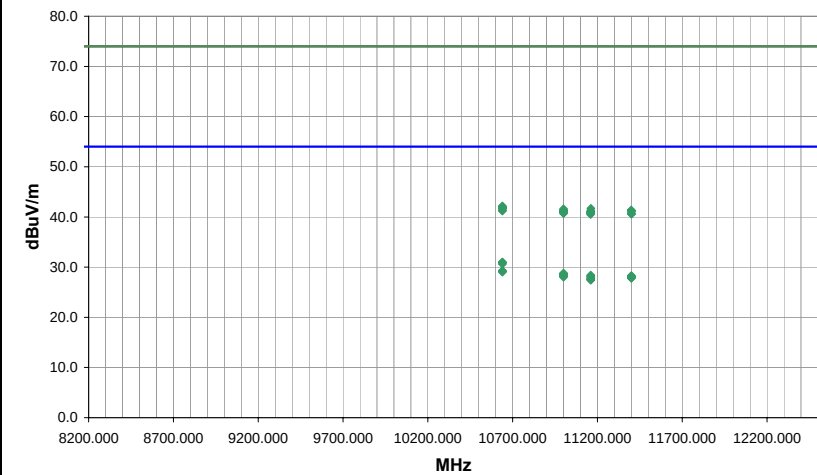
See notes for channel and EUT orientation.

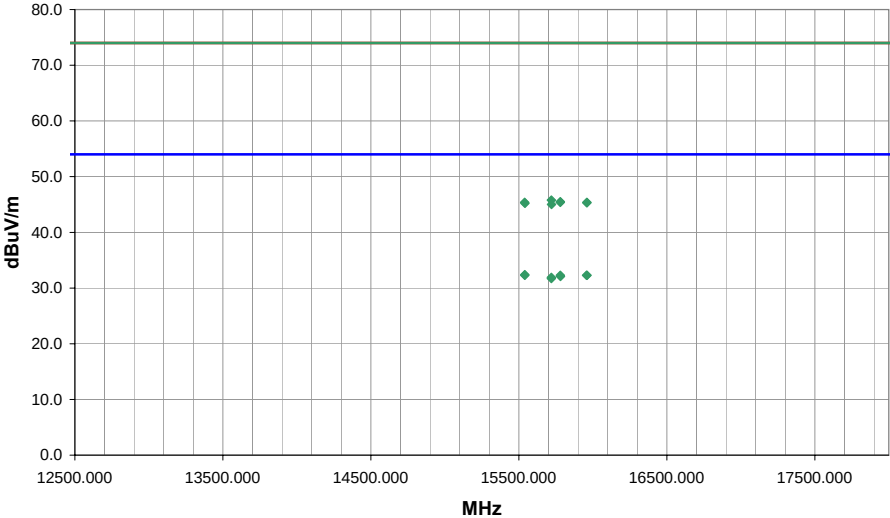
|                               |      |                                                                                             |
|-------------------------------|------|---------------------------------------------------------------------------------------------|
| EUT OPERATING MODES           |      |                                                                                             |
| Continuous Tx, 802.11 5GHz    |      |                                                                                             |
| DEVIATIONS FROM TEST STANDARD |      |                                                                                             |
| No deviations.                |      |                                                                                             |
| Run #                         | 7    |                                                                                             |
| Configuration #               | 1    |                                                                                             |
| Results                       | Pass |                                                                                             |
|                               |      | Signature  |



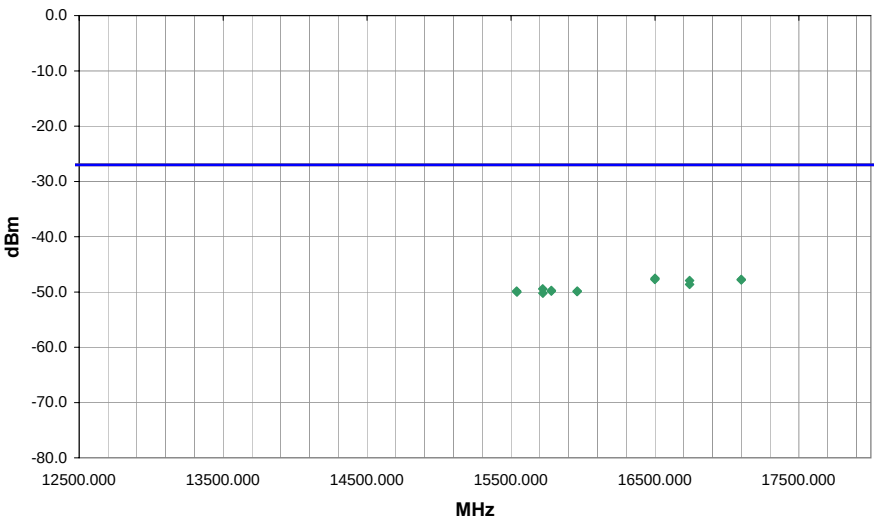
| Freq (MHz) |  |  | Azimuth (degrees) | Height (meters) |  | Polarity | Detector | EIRP (Watts) | EIRP (dBm) | Spec. Limit (dBm) | Compared to Spec. (dB) | Comments                                                 |
|------------|--|--|-------------------|-----------------|--|----------|----------|--------------|------------|-------------------|------------------------|----------------------------------------------------------|
| 10479.960  |  |  | 239.0             | 1.2             |  | V-Horn   | PK       | 7.89E-09     | -51.0      | -27.0             | -24.0                  | 802.11a 6Mbps, Ch:48, EUT horizontal, antenna vertical.  |
| 10360.180  |  |  | 240.0             | 1.1             |  | V-Horn   | PK       | 7.71E-09     | -51.1      | -27.0             | -24.1                  | 802.11a 6Mbps, Ch:36, EUT horizontal, antenna vertical.  |
| 10359.970  |  |  | 240.0             | 1.1             |  | V-Horn   | PK       | 7.54E-09     | -51.2      | -27.0             | -24.2                  | 802.11a 36Mbps, Ch:36, EUT horizontal, antenna vertical. |
| 10360.020  |  |  | 240.0             | 1.1             |  | V-Horn   | PK       | 7.36E-09     | -51.3      | -27.0             | -24.3                  | 802.11n MCS0, Ch:36, EUT horizontal, antenna vertical.   |
| 10360.050  |  |  | 240.0             | 1.1             |  | V-Horn   | PK       | 7.36E-09     | -51.3      | -27.0             | -24.3                  | 802.11n MCS7, Ch:36, EUT horizontal, antenna vertical.   |
| 10480.520  |  |  | 239.0             | 1.2             |  | V-Horn   | PK       | 7.36E-09     | -51.3      | -27.0             | -24.3                  | 802.11a 36Mbps, Ch:48, EUT horizontal, antenna vertical. |
| 10479.360  |  |  | 239.0             | 1.2             |  | V-Horn   | PK       | 7.20E-09     | -51.4      | -27.0             | -24.4                  | 802.11n MCS0, Ch:48, EUT horizontal, antenna vertical.   |
| 10479.880  |  |  | 239.0             | 1.2             |  | V-Horn   | PK       | 7.20E-09     | -51.4      | -27.0             | -24.4                  | 802.11a 54Mbps, Ch:48, EUT horizontal, antenna vertical. |
| 10479.900  |  |  | 239.0             | 1.2             |  | V-Horn   | PK       | 7.20E-09     | -51.4      | -27.0             | -24.4                  | 802.11n MCS7, Ch:48, EUT horizontal, antenna vertical.   |
| 10359.690  |  |  | 240.0             | 1.1             |  | V-Horn   | PK       | 6.87E-09     | -51.6      | -27.0             | -24.6                  | 802.11a 54Mbps, Ch:36, EUT on side, antenna vertical.    |
| 10359.990  |  |  | 72.0              | 1.1             |  | V-Horn   | PK       | 6.87E-09     | -51.6      | -27.0             | -24.6                  | 802.11a 6Mbps, Ch:36, EUT vertical, antenna horizontal.  |
| 10359.790  |  |  | 47.0              | 1.2             |  | H-Horn   | PK       | 6.72E-09     | -51.7      | -27.0             | -24.7                  | 802.11a 6Mbps, Ch:52, EUT horizontal, antenna vertical.  |
| 10519.640  |  |  | 241.0             | 1.1             |  | V-Horn   | PK       | 6.72E-09     | -51.7      | -27.0             | -24.7                  | 802.11n MCS0, Ch:52, EUT horizontal, antenna vertical.   |
| 10519.980  |  |  | 241.0             | 1.1             |  | H-Horn   | PK       | 6.56E-09     | -51.8      | -27.0             | -24.8                  | 802.11n MCS7, Ch:36, EUT vertical, antenna horizontal.   |
| 10359.960  |  |  | 47.0              | 1.2             |  | H-Horn   | PK       | 6.41E-09     | -51.9      | -27.0             | -24.9                  | 802.11a 6Mbps, Ch:52, EUT vertical, antenna horizontal.  |
| 10360.280  |  |  | 55.0              | 1.1             |  | V-Horn   | PK       | 6.41E-09     | -51.9      | -27.0             | -24.9                  | 802.11a 54Mbps, Ch:52, EUT horizontal, antenna vertical. |
| 10519.970  |  |  | 241.0             | 1.1             |  | H-Horn   | PK       | 6.27E-09     | -52.0      | -27.0             | -25.0                  | 802.11a 54Mbps, Ch:36, EUT vertical, antenna horizontal. |
| 10519.980  |  |  | 47.0              | 1.2             |  | V-Horn   | PK       | 6.27E-09     | -52.0      | -27.0             | -25.0                  | 802.11n MCS7, Ch:52, EUT horizontal, antenna vertical.   |
| 10360.220  |  |  | 241.0             | 1.1             |  | V-Horn   | PK       | 6.27E-09     | -52.0      | -27.0             | -25.0                  |                                                          |
| 10519.840  |  |  | 241.0             | 1.1             |  | V-Horn   | PK       | 6.27E-09     | -52.0      | -27.0             | -25.0                  |                                                          |

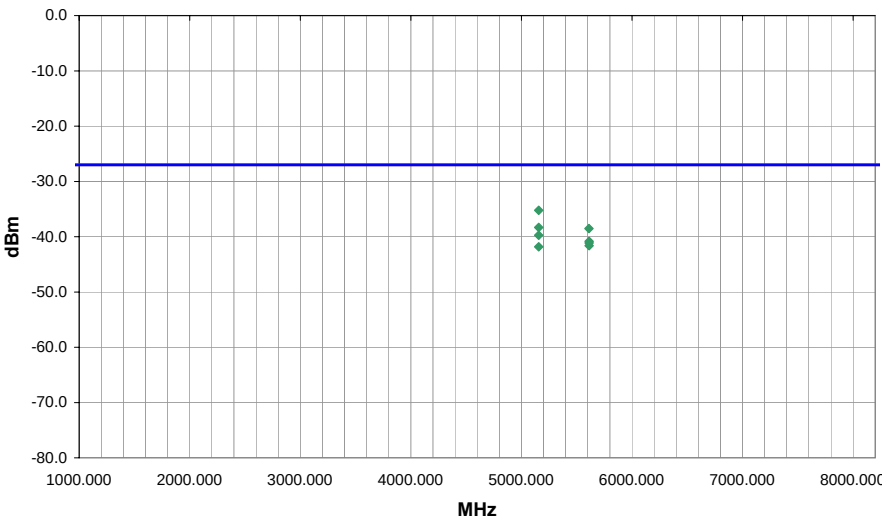


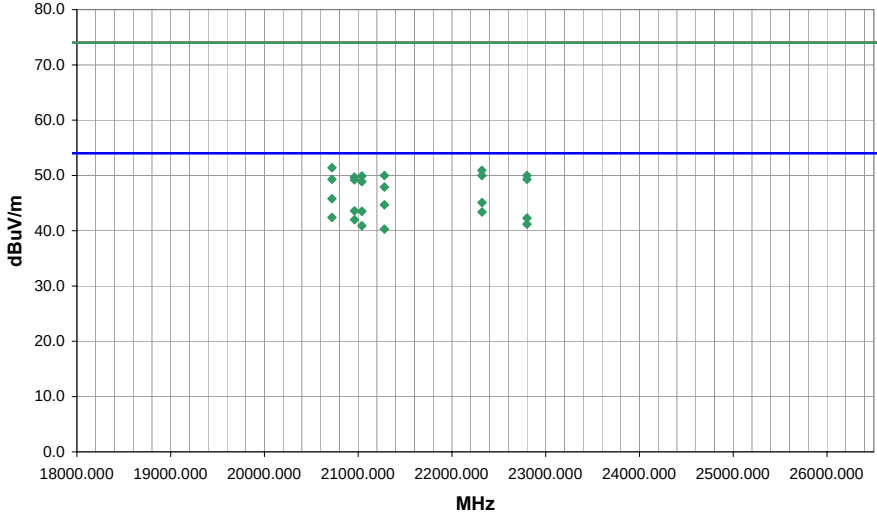
| NORTHWEST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  | SPURIOUS RADIATED EMISSIONS DATA SHEET |                   | PSA 2008.07.21    |                   |                           |                  |             |                          |                 |                    |                           |                                                           |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                          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| EUT: RC12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  | Work Order: INMC0575                   |                   |                   |                   |                           |                  |             |                          |                 |                    |                           |                                                           |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                          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| Serial Number: R14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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   |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |   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| Customer: Intermec Technologies Corporation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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   |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |   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| Attendees: none                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| Project: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | Barometric Pres.: 1019.1 mb            |                   |                   |                   |                           |                  |             |                          |                 |                    |                           |                                                           |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                          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   |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |   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| Tested by: Dan Haas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| See notes for channel and EUT orientation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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| <table><thead><tr><th>Freq (MHz)</th><th>Amplitude (dBuV)</th><th>Factor (dB)</th><th>Azimuth (degrees)</th><th>Height (meters)</th><th>Distance (meters)</th><th>External Attenuation (dB)</th><th>Polarity</th><th>Detector</th><th>Distance Adjustment (dB)</th><th>Adjusted dBuV/m</th><th>Spec. Limit dBuV/m</th><th>Compared to Spec. (dB)</th><th>Comments</th></tr></thead><tbody><tr><td>10640.000</td><td>39.8</td><td>-8.8</td><td>239.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>31.0</td><td>54.0</td><td>-23.0</td><td>802.11n MCS7, Ch:64, EUT horizontal, antenna vertical.</td></tr><tr><td>10640.030</td><td>39.8</td><td>-8.8</td><td>239.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>31.0</td><td>54.0</td><td>-23.0</td><td>802.11n MCS0, Ch:64, EUT horizontal, antenna vertical.</td></tr><tr><td>10640.030</td><td>39.7</td><td>-8.8</td><td>239.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>30.9</td><td>54.0</td><td>-23.1</td><td>802.11a 54Mbps, Ch:64, EUT horizontal, antenna vertical.</td></tr><tr><td>10640.040</td><td>39.6</td><td>-8.8</td><td>239.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>30.8</td><td>54.0</td><td>-23.2</td><td>802.11a 36Mbps, Ch:64, EUT horizontal, antenna vertical.</td></tr><tr><td>10640.020</td><td>39.4</td><td>-8.8</td><td>239.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>30.6</td><td>54.0</td><td>-23.4</td><td>802.11a 6Mbps, Ch:64, EUT horizontal, antenna vertical.</td></tr><tr><td>10640.010</td><td>38.1</td><td>-8.8</td><td>61.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>29.3</td><td>54.0</td><td>-24.7</td><td>802.11n MCS0, Ch:64, EUT vertical, antenna horizontal.</td></tr><tr><td>10640.040</td><td>38.0</td><td>-8.8</td><td>61.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>29.2</td><td>54.0</td><td>-24.8</td><td>802.11n MCS7, Ch:64, EUT vertical, antenna horizontal.</td></tr><tr><td>10640.050</td><td>38.0</td><td>-8.8</td><td>61.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>29.2</td><td>54.0</td><td>-24.8</td><td>802.11a 6Mbps, Ch:64, EUT vertical, antenna horizontal.</td></tr><tr><td>10640.010</td><td>37.9</td><td>-8.8</td><td>61.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>29.1</td><td>54.0</td><td>-24.9</td><td>802.11a 54Mbps, Ch:64, EUT vertical, antenna horizontal.</td></tr><tr><td>10640.030</td><td>37.8</td><td>-8.8</td><td>61.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>29.0</td><td>54.0</td><td>-25.0</td><td>802.11a 36Mbps, Ch:64, EUT vertical, antenna horizontal.</td></tr><tr><td>10999.990</td><td>38.1</td><td>-9.3</td><td>3.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>28.8</td><td>54.0</td><td>-25.2</td><td>802.11n MCS7, Ch:100, EUT vertical, antenna horizontal.</td></tr><tr><td>11000.000</td><td>38.0</td><td>-9.3</td><td>3.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>28.7</td><td>54.0</td><td>-25.3</td><td>802.11n MCS0, Ch:100, EUT vertical, antenna horizontal.</td></tr><tr><td>11000.030</td><td>38.0</td><td>-9.3</td><td>3.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>28.7</td><td>54.0</td><td>-25.3</td><td>802.11a 6Mbps, Ch:100, EUT vertical, antenna horizontal.</td></tr><tr><td>10999.950</td><td>37.8</td><td>-9.3</td><td>3.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>28.5</td><td>54.0</td><td>-25.5</td><td>802.11a 36Mbps, Ch:100, EUT vertical, antenna horizontal.</td></tr><tr><td>11000.070</td><td>37.8</td><td>-9.3</td><td>3.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>28.5</td><td>54.0</td><td>-25.5</td><td>802.11a 54Mbps, Ch:100, EUT vertical, antenna horizontal.</td></tr><tr><td>11000.030</td><td>37.7</td><td>-9.3</td><td>68.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>28.4</td><td>54.0</td><td>-25.6</td><td>802.11n MCS7, Ch:100, EUT horizontal, antenna vertical.</td></tr><tr><td>11160.010</td><td>37.8</td><td>-9.4</td><td>357.0</td><td>1.2</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>28.4</td><td>54.0</td><td>-25.6</td><td>802.11n MCS7, Ch:116, EUT vertical, antenna horizontal.</td></tr><tr><td>11400.010</td><td>38.0</td><td>-9.7</td><td>357.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>H-Horn</td><td>AV</td><td>0.0</td><td>28.3</td><td>54.0</td><td>-25.7</td><td>802.11n MCS7, Ch:140, EUT vertical, antenna horizontal.</td></tr><tr><td>11000.020</td><td>37.6</td><td>-9.3</td><td>68.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>28.3</td><td>54.0</td><td>-25.7</td><td>802.11a 54Mbps, Ch:100, EUT horizontal, antenna vertical.</td></tr><tr><td>11000.110</td><td>37.6</td><td>-9.3</td><td>68.0</td><td>1.1</td><td>0.0</td><td>0.0</td><td>V-Horn</td><td>AV</td><td>0.0</td><td>28.3</td><td>54.0</td><td>-25.7</td><td>802.11n MCS0, Ch:100, EUT horizontal, antenna vertical.</td></tr></tbody></table> |                  |                                        |                   |                   |                   | Freq (MHz)                | Amplitude (dBuV) | Factor (dB) | Azimuth (degrees)        | Height (meters) | Distance (meters)  | External Attenuation (dB) | Polarity                                                  | Detector | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB) | Comments | 10640.000 | 39.8 | -8.8 | 239.0 | 1.1 | 0.0 | 0.0 | V-Horn | AV | 0.0 | 31.0 | 54.0 | -23.0 | 802.11n MCS7, Ch:64, EUT horizontal, antenna vertical. | 10640.030 | 39.8 | -8.8 | 239.0 | 1.1 | 0.0 | 0.0 | V-Horn | AV | 0.0 | 31.0 | 54.0 | -23.0 | 802.11n MCS0, Ch:64, EUT horizontal, antenna vertical. | 10640.030 | 39.7 | -8.8 | 239.0 | 1.1 | 0.0 | 0.0 | V-Horn | AV | 0.0 | 30.9 | 54.0 | -23.1 | 802.11a 54Mbps, Ch:64, EUT horizontal, antenna vertical. | 10640.040 | 39.6 | -8.8 | 239.0 | 1.1 | 0.0 | 0.0 | V-Horn | AV | 0.0 | 30.8 | 54.0 | -23.2 | 802.11a 36Mbps, Ch:64, EUT horizontal, antenna vertical. | 10640.020 | 39.4 | -8.8 | 239.0 | 1.1 | 0.0 | 0.0 | V-Horn | AV | 0.0 | 30.6 | 54.0 | -23.4 | 802.11a 6Mbps, Ch:64, EUT horizontal, antenna vertical. | 10640.010 | 38.1 | -8.8 | 61.0 | 1.1 | 0.0 | 0.0 | H-Horn | AV | 0.0 | 29.3 | 54.0 | -24.7 | 802.11n MCS0, Ch:64, EUT vertical, antenna horizontal. | 10640.040 | 38.0 | -8.8 | 61.0 | 1.1 | 0.0 | 0.0 | H-Horn | AV | 0.0 | 29.2 | 54.0 | -24.8 | 802.11n MCS7, Ch:64, EUT vertical, antenna horizontal. | 10640.050 | 38.0 | -8.8 | 61.0 | 1.1 | 0.0 | 0.0 | H-Horn | AV | 0.0 | 29.2 | 54.0 | -24.8 | 802.11a 6Mbps, Ch:64, EUT vertical, antenna horizontal. | 10640.010 | 37.9 | -8.8 | 61.0 | 1.1 | 0.0 | 0.0 | H-Horn | AV | 0.0 | 29.1 | 54.0 | -24.9 | 802.11a 54Mbps, Ch:64, EUT vertical, antenna horizontal. | 10640.030 | 37.8 | -8.8 | 61.0 | 1.1 | 0.0 | 0.0 | H-Horn | AV | 0.0 | 29.0 | 54.0 | -25.0 | 802.11a 36Mbps, Ch:64, EUT vertical, antenna horizontal. | 10999.990 | 38.1 | -9.3 | 3.0 | 1.1 | 0.0 | 0.0 | H-Horn | AV | 0.0 | 28.8 | 54.0 | -25.2 | 802.11n MCS7, Ch:100, EUT vertical, antenna horizontal. | 11000.000 | 38.0 | -9.3 | 3.0 | 1.1 | 0.0 | 0.0 | H-Horn | AV | 0.0 | 28.7 | 54.0 | -25.3 | 802.11n MCS0, Ch:100, EUT vertical, antenna horizontal. | 11000.030 | 38.0 | -9.3 | 3.0 | 1.1 | 0.0 | 0.0 | H-Horn | AV | 0.0 | 28.7 | 54.0 | -25.3 | 802.11a 6Mbps, Ch:100, EUT vertical, antenna horizontal. | 10999.950 | 37.8 | -9.3 | 3.0 | 1.1 | 0.0 | 0.0 | H-Horn | AV | 0.0 | 28.5 | 54.0 | -25.5 | 802.11a 36Mbps, Ch:100, EUT vertical, antenna horizontal. | 11000.070 | 37.8 | -9.3 | 3.0 | 1.1 | 0.0 | 0.0 | H-Horn | AV | 0.0 | 28.5 | 54.0 | -25.5 | 802.11a 54Mbps, Ch:100, EUT vertical, antenna horizontal. | 11000.030 | 37.7 | -9.3 | 68.0 | 1.1 | 0.0 | 0.0 | V-Horn | AV | 0.0 | 28.4 | 54.0 | -25.6 | 802.11n MCS7, Ch:100, EUT horizontal, antenna vertical. | 11160.010 | 37.8 | -9.4 | 357.0 | 1.2 | 0.0 | 0.0 | H-Horn | AV | 0.0 | 28.4 | 54.0 | -25.6 | 802.11n MCS7, Ch:116, EUT vertical, antenna horizontal. | 11400.010 | 38.0 | -9.7 | 357.0 | 1.1 | 0.0 | 0.0 | H-Horn | AV | 0.0 | 28.3 | 54.0 | -25.7 | 802.11n MCS7, Ch:140, EUT vertical, antenna horizontal. | 11000.020 | 37.6 | -9.3 | 68.0 | 1.1 | 0.0 | 0.0 | V-Horn | AV | 0.0 | 28.3 | 54.0 | -25.7 | 802.11a 54Mbps, Ch:100, EUT horizontal, antenna vertical. | 11000.110 | 37.6 | -9.3 | 68.0 | 1.1 | 0.0 | 0.0 | V-Horn | AV | 0.0 | 28.3 | 54.0 | -25.7 | 802.11n MCS0, Ch:100, EUT horizontal, antenna vertical. |
| Freq (MHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Amplitude (dBuV) | Factor (dB)                            | Azimuth (degrees) | Height (meters)   | Distance (meters) | External Attenuation (dB) | Polarity         | Detector    | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)    | Comments                                                  |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 10640.000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 39.8             | -8.8                                   | 239.0             | 1.1               | 0.0               | 0.0                       | V-Horn           | AV          | 0.0                      | 31.0            | 54.0               | -23.0                     | 802.11n MCS7, Ch:64, EUT horizontal, antenna vertical.    |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |   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| 10640.030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 39.8             | -8.8                                   | 239.0             | 1.1               | 0.0               | 0.0                       | V-Horn           | AV          | 0.0                      | 31.0            | 54.0               | -23.0                     | 802.11n MCS0, Ch:64, EUT horizontal, antenna vertical.    |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |   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| 10640.030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 39.7             | -8.8                                   | 239.0             | 1.1               | 0.0               | 0.0                       | V-Horn           | AV          | 0.0                      | 30.9            | 54.0               | -23.1                     | 802.11a 54Mbps, Ch:64, EUT horizontal, antenna vertical.  |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |   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| 10640.040                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 39.6             | -8.8                                   | 239.0             | 1.1               | 0.0               | 0.0                       | V-Horn           | AV          | 0.0                      | 30.8            | 54.0               | -23.2                     | 802.11a 36Mbps, Ch:64, EUT horizontal, antenna vertical.  |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 10640.020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 39.4             | -8.8                                   | 239.0             | 1.1               | 0.0               | 0.0                       | V-Horn           | AV          | 0.0                      | 30.6            | 54.0               | -23.4                     | 802.11a 6Mbps, Ch:64, EUT horizontal, antenna vertical.   |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 10640.010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 38.1             | -8.8                                   | 61.0              | 1.1               | 0.0               | 0.0                       | H-Horn           | AV          | 0.0                      | 29.3            | 54.0               | -24.7                     | 802.11n MCS0, Ch:64, EUT vertical, antenna horizontal.    |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 10640.040                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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                              |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 10640.050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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                              |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 10640.010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 37.9             | -8.8                                   | 61.0              | 1.1               | 0.0               | 0.0                       | H-Horn           | AV          | 0.0                      | 29.1            | 54.0               | -24.9                     | 802.11a 54Mbps, Ch:64, EUT vertical, antenna horizontal.  |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 10640.030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 37.8             | -8.8                                   | 61.0              | 1.1               | 0.0               | 0.0                       | H-Horn           | AV          | 0.0                      | 29.0            | 54.0               | -25.0                     | 802.11a 36Mbps, Ch:64, EUT vertical, antenna horizontal.  |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 10999.990                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 38.1             | -9.3                                   | 3.0               | 1.1               | 0.0               | 0.0                       | H-Horn           | AV          | 0.0                      | 28.8            | 54.0               | -25.2                     | 802.11n MCS7, Ch:100, EUT vertical, antenna horizontal.   |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 11000.000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 38.0             | -9.3                                   | 3.0               | 1.1               | 0.0               | 0.0                       | H-Horn           | AV          | 0.0                      | 28.7            | 54.0               | -25.3                     | 802.11n MCS0, Ch:100, EUT vertical, antenna horizontal.   |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 11000.030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 38.0             | -9.3                                   | 3.0               | 1.1               | 0.0               | 0.0                       | H-Horn           | AV          | 0.0                      | 28.7            | 54.0               | -25.3                     | 802.11a 6Mbps, Ch:100, EUT vertical, antenna horizontal.  |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 10999.950                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 37.8             | -9.3                                   | 3.0               | 1.1               | 0.0               | 0.0                       | H-Horn           | AV          | 0.0                      | 28.5            | 54.0               | -25.5                     | 802.11a 36Mbps, Ch:100, EUT vertical, antenna horizontal. |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 11000.070                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 37.8             | -9.3                                   | 3.0               | 1.1               | 0.0               | 0.0                       | H-Horn           | AV          | 0.0                      | 28.5            | 54.0               | -25.5                     | 802.11a 54Mbps, Ch:100, EUT vertical, antenna horizontal. |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 11000.030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 37.7             | -9.3                                   | 68.0              | 1.1               | 0.0               | 0.0                       | V-Horn           | AV          | 0.0                      | 28.4            | 54.0               | -25.6                     | 802.11n MCS7, Ch:100, EUT horizontal, antenna vertical.   |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 11160.010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 37.8             | -9.4                                   | 357.0             | 1.2               | 0.0               | 0.0                       | H-Horn           | AV          | 0.0                      | 28.4            | 54.0               | -25.6                     | 802.11n MCS7, Ch:116, EUT vertical, antenna horizontal.   |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 11400.010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 38.0             | -9.7                                   | 357.0             | 1.1               | 0.0               | 0.0                       | H-Horn           | AV          | 0.0                      | 28.3            | 54.0               | -25.7                     | 802.11n MCS7, Ch:140, EUT vertical, antenna horizontal.   |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 11000.020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 37.6             | -9.3                                   | 68.0              | 1.1               | 0.0               | 0.0                       | V-Horn           | AV          | 0.0                      | 28.3            | 54.0               | -25.7                     | 802.11a 54Mbps, Ch:100, EUT horizontal, antenna vertical. |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |
| 11000.110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 37.6             | -9.3                                   | 68.0              | 1.1               | 0.0               | 0.0                       | V-Horn           | AV          | 0.0                      | 28.3            | 54.0               | -25.7                     | 802.11n MCS0, Ch:100, EUT horizontal, antenna vertical.   |          |                          |                 |                    |                        |          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                        |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                          |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |     |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |       |     |     |     |        |    |     |      |      |       |                                                         |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                           |           |      |      |      |     |     |     |        |    |     |      |      |       |                                                         |

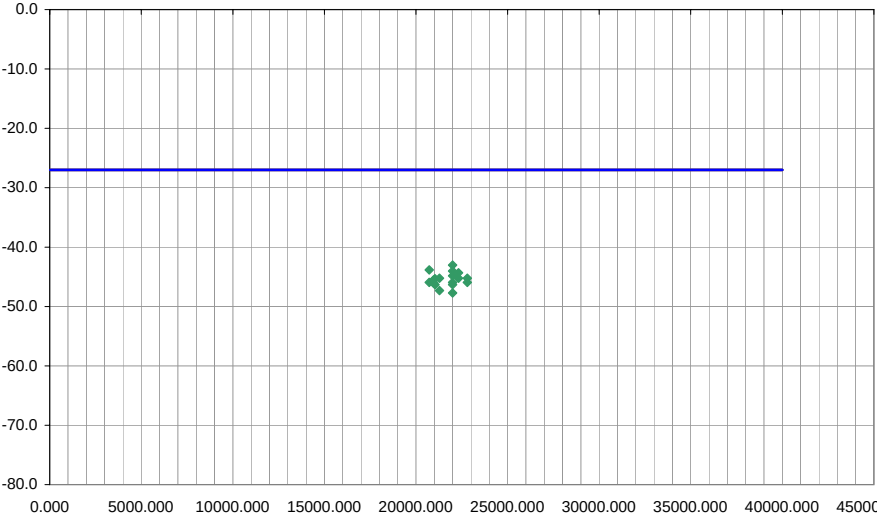
|                                                                                     |                  |                                        |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
|-------------------------------------------------------------------------------------|------------------|----------------------------------------|-------------------|----------------------------------------------------------------------------------------------|-------------------|---------------------------|----------|----------|--------------------------|-----------------|--------------------|------------------------|------------------------------------------|
| NORTHWEST                                                                           |                  | SPURIOUS RADIATED EMISSIONS DATA SHEET |                   | PSA 2008.07.21                                                                               |                   |                           |          |          |                          |                 |                    |                        |                                          |
| EMC                                                                                 |                  |                                        |                   | EMI 2008.1.9                                                                                 |                   |                           |          |          |                          |                 |                    |                        |                                          |
| EUT: RC12                                                                           |                  | Work Order: INMC0575                   |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| Serial Number: R14                                                                  |                  | Date: 08/03/10                         |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| Customer: Intermec Technologies Corporation                                         |                  | Temperature: 21.4 °C                   |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| Attendees: none                                                                     |                  | Humidity: 56%                          |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| Project: None                                                                       |                  | Barometric Pres.: 1019.1 mb            |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| Tested by: Dan Haas                                                                 |                  | Power: 5VDC                            |                   | Job Site: EV12                                                                               |                   |                           |          |          |                          |                 |                    |                        |                                          |
| TEST SPECIFICATIONS                                                                 |                  | Test Method                            |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| FCC 15.209:2010                                                                     |                  | ANSI C63.10:2009                       |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| TEST PARAMETERS                                                                     |                  |                                        |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| Antenna Height(s) (m)                                                               |                  | 1 - 4                                  |                   | Test Distance (m) 3                                                                          |                   |                           |          |          |                          |                 |                    |                        |                                          |
| COMMENTS                                                                            |                  |                                        |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| See notes for channel and EUT orientation.                                          |                  |                                        |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| EUT OPERATING MODES                                                                 |                  |                                        |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| Continuous Tx. 802.11a                                                              |                  |                                        |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| DEVIATIONS FROM TEST STANDARD                                                       |                  |                                        |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| No deviations.                                                                      |                  |                                        |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| Run #                                                                               |                  | 8                                      |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| Configuration #                                                                     |                  | 1                                      |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| Results                                                                             |                  | Pass                                   |                   | Signature  |                   |                           |          |          |                          |                 |                    |                        |                                          |
|  |                  |                                        |                   |                                                                                              |                   |                           |          |          |                          |                 |                    |                        |                                          |
| Freq (MHz)                                                                          | Amplitude (dBuV) | Factor (dB)                            | Azimuth (degrees) | Height (meters)                                                                              | Distance (meters) | External Attenuation (dB) | Polarity | Detector | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB) | Comments                                 |
| 15540.320                                                                           | 29.1             | 3.3                                    | 81.0              | 1.1                                                                                          | 3.0               | 0.0                       | V-Horn   | AV       | 0.0                      | 32.4            | 54.0               | -21.6                  | Ch:36, EUT horizontal, antenna vertical. |
| 15780.340                                                                           | 29.0             | 3.3                                    | 16.0              | 1.1                                                                                          | 3.0               | 0.0                       | V-Horn   | AV       | 0.0                      | 32.3            | 54.0               | -21.7                  | Ch:52, EUT horizontal, antenna vertical. |
| 15958.050                                                                           | 29.0             | 3.3                                    | 149.0             | 1.1                                                                                          | 3.0               | 0.0                       | V-Horn   | AV       | 0.0                      | 32.3            | 54.0               | -21.7                  | Ch:64, EUT horizontal, antenna vertical. |
| 15960.520                                                                           | 29.0             | 3.3                                    | 310.0             | 1.1                                                                                          | 3.0               | 0.0                       | H-Horn   | AV       | 0.0                      | 32.3            | 54.0               | -21.7                  | Ch:64, EUT vertical, antenna horizontal. |
| 15539.900                                                                           | 29.0             | 3.3                                    | 89.0              | 1.1                                                                                          | 3.0               | 0.0                       | H-Horn   | AV       | 0.0                      | 32.3            | 54.0               | -21.7                  | Ch:36, EUT vertical, antenna horizontal. |
| 15781.240                                                                           | 28.8             | 3.3                                    | 315.0             | 1.1                                                                                          | 3.0               | 0.0                       | H-Horn   | AV       | 0.0                      | 32.1            | 54.0               | -21.9                  | Ch:52, EUT vertical, antenna horizontal. |
| 15720.060                                                                           | 28.6             | 3.3                                    | 259.0             | 1.1                                                                                          | 3.0               | 0.0                       | V-Horn   | AV       | 0.0                      | 31.9            | 54.0               | -22.1                  | Ch:48, EUT horizontal, antenna vertical. |
| 15720.220                                                                           | 28.4             | 3.3                                    | 48.0              | 1.1                                                                                          | 3.0               | 0.0                       | H-Horn   | AV       | 0.0                      | 31.7            | 54.0               | -22.3                  | Ch:48, EUT vertical, antenna horizontal. |
| 15719.750                                                                           | 42.5             | 3.3                                    | 48.0              | 1.1                                                                                          | 3.0               | 0.0                       | H-Horn   | PK       | 0.0                      | 45.8            | 74.0               | -28.2                  | Ch:48, EUT vertical, antenna horizontal. |
| 15780.180                                                                           | 42.2             | 3.3                                    | 315.0             | 1.1                                                                                          | 3.0               | 0.0                       | H-Horn   | PK       | 0.0                      | 45.5            | 74.0               | -28.5                  | Ch:52, EUT vertical, antenna horizontal. |
| 15780.140                                                                           | 42.1             | 3.3                                    | 16.0              | 1.1                                                                                          | 3.0               | 0.0                       | V-Horn   | PK       | 0.0                      | 45.4            | 74.0               | -28.6                  | Ch:52, EUT horizontal, antenna vertical. |
| 15959.830                                                                           | 42.1             | 3.3                                    | 149.0             | 1.1                                                                                          | 3.0               | 0.0                       | V-Horn   | PK       | 0.0                      | 45.4            | 74.0               | -28.6                  | Ch:64, EUT horizontal, antenna vertical. |
| 15539.480                                                                           | 42.1             | 3.3                                    | 81.0              | 1.1                                                                                          | 3.0               | 0.0                       | V-Horn   | PK       | 0.0                      | 45.4            | 74.0               | -28.6                  | Ch:36, EUT horizontal, antenna vertical. |
| 15959.270                                                                           | 42.0             | 3.3                                    | 310.0             | 1.1                                                                                          | 3.0               | 0.0                       | H-Horn   | PK       | 0.0                      | 45.3            | 74.0               | -28.7                  | Ch:64, EUT vertical, antenna horizontal. |
| 15540.960                                                                           | 41.9             | 3.3                                    | 89.0              | 1.1                                                                                          | 3.0               | 0.0                       | H-Horn   | PK       | 0.0                      | 45.2            | 74.0               | -28.8                  | Ch:36, EUT vertical, antenna horizontal. |
| 15720.790                                                                           | 41.7             | 3.3                                    | 259.0             | 1.1                                                                                          | 3.0               | 0.0                       | V-Horn   | PK       | 0.0                      | 45.0            | 74.0               | -29.0                  | Ch:48, EUT horizontal, antenna vertical. |



| NORTHWEST                                                                           |      | SPURIOUS RADIATED EMISSIONS DATA SHEET             |                                                                                                                                             | PSA 2008.07.21<br>EMI 2008.1.9     |                 |                     |                   |                          |                               |                                           |
|-------------------------------------------------------------------------------------|------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|---------------------|-------------------|--------------------------|-------------------------------|-------------------------------------------|
| <b>EMC</b>                                                                          |      | <b>EUT: RC12</b>                                   |                                                                                                                                             | <b>Work Order: INMC0575</b>        |                 |                     |                   |                          |                               |                                           |
| <b>Serial Number: R14</b>                                                           |      | <b>Customer: Intermec Technologies Corporation</b> |                                                                                                                                             | <b>Date: 08/03/10</b>              |                 |                     |                   |                          |                               |                                           |
| <b>Attendees: none</b>                                                              |      | <b>Project: None</b>                               |                                                                                                                                             | <b>Temperature: 21.4 °C</b>        |                 |                     |                   |                          |                               |                                           |
| <b>Tested by: Dan Haas</b>                                                          |      | <b>Power: 5VDC</b>                                 |                                                                                                                                             | <b>Humidity: 56%</b>               |                 |                     |                   |                          |                               |                                           |
|                                                                                     |      |                                                    |                                                                                                                                             | <b>Barometric Pres.: 1019.1 mb</b> |                 |                     |                   |                          |                               |                                           |
|                                                                                     |      |                                                    |                                                                                                                                             | <b>Job Site: EV12</b>              |                 |                     |                   |                          |                               |                                           |
| <b>TEST SPECIFICATIONS</b>                                                          |      |                                                    | <b>Test Method</b>                                                                                                                          |                                    |                 |                     |                   |                          |                               |                                           |
| FCC 15.407:2010                                                                     |      |                                                    | ANSI C63.10:2009                                                                                                                            |                                    |                 |                     |                   |                          |                               |                                           |
| <b>TEST PARAMETERS</b>                                                              |      |                                                    |                                                                                                                                             |                                    |                 |                     |                   |                          |                               |                                           |
| <b>Antenna Height(s) (m)</b>                                                        |      | 1 - 4                                              |                                                                                                                                             | <b>Test Distance (m)</b> 3         |                 |                     |                   |                          |                               |                                           |
| <b>COMMENTS</b>                                                                     |      |                                                    |                                                                                                                                             |                                    |                 |                     |                   |                          |                               |                                           |
| See notes for channel and EUT orientation.                                          |      |                                                    |                                                                                                                                             |                                    |                 |                     |                   |                          |                               |                                           |
| <b>EUT OPERATING MODES</b>                                                          |      |                                                    |                                                                                                                                             |                                    |                 |                     |                   |                          |                               |                                           |
| Continuous Tx. 802.11a, 6Mbps                                                       |      |                                                    |                                                                                                                                             |                                    |                 |                     |                   |                          |                               |                                           |
| <b>DEVIATIONS FROM TEST STANDARD</b>                                                |      |                                                    |                                                                                                                                             |                                    |                 |                     |                   |                          |                               |                                           |
| No deviations.                                                                      |      |                                                    |                                                                                                                                             |                                    |                 |                     |                   |                          |                               |                                           |
| <b>Run #</b>                                                                        | 8    |                                                    | <div style="text-align: right;"> <i>Signature</i>  </div> |                                    |                 |                     |                   |                          |                               |                                           |
| <b>Configuration #</b>                                                              | 1    |                                                    |                                                                                                                                             |                                    |                 |                     |                   |                          |                               |                                           |
| <b>Results</b>                                                                      | Pass |                                                    |                                                                                                                                             |                                    |                 |                     |                   |                          |                               |                                           |
|  |      |                                                    |                                                                                                                                             |                                    |                 |                     |                   |                          |                               |                                           |
| <b>Freq (MHz)</b>                                                                   |      | <b>Azimuth (degrees)</b>                           | <b>Height (meters)</b>                                                                                                                      | <b>Polarity</b>                    | <b>Detector</b> | <b>EIRP (Watts)</b> | <b>EIRP (dBm)</b> | <b>Spec. Limit (dBm)</b> | <b>Compared to Spec. (dB)</b> | <b>Comments</b>                           |
| 16500.040                                                                           |      | 97.0                                               | 1.1                                                                                                                                         | V-Horn                             | PK              | 1.77E-08            | -47.5             | -27.0                    | -20.5                         | Ch:100, EUT horizontal, antenna vertical. |
| 17100.010                                                                           |      | 0.0                                                | 1.4                                                                                                                                         | H-Horn                             | PK              | 1.69E-08            | -47.7             | -27.0                    | -20.7                         | Ch:140, EUT vertical, antenna horizontal. |
| 16499.720                                                                           |      | 49.0                                               | 1.1                                                                                                                                         | H-Horn                             | PK              | 1.69E-08            | -47.7             | -27.0                    | -20.7                         | Ch:100, EUT vertical, antenna horizontal. |
| 17099.680                                                                           |      | 124.0                                              | 1.1                                                                                                                                         | V-Horn                             | PK              | 1.65E-08            | -47.8             | -27.0                    | -20.8                         | Ch:140, EUT horizontal, antenna vertical. |
| 16740.130                                                                           |      | 294.0                                              | 1.1                                                                                                                                         | H-Horn                             | PK              | 1.61E-08            | -47.9             | -27.0                    | -20.9                         | Ch:116, EUT vertical, antenna horizontal. |
| 16740.290                                                                           |      | 42.0                                               | 1.1                                                                                                                                         | V-Horn                             | PK              | 1.37E-08            | -48.6             | -27.0                    | -21.6                         | Ch:116, EUT horizontal, antenna vertical. |
| 15719.750                                                                           |      | 48.0                                               | 1.1                                                                                                                                         | H-Horn                             | PK              | 1.14E-08            | -49.4             | -27.0                    | -22.4                         | Ch:48, EUT vertical, antenna horizontal.  |
| 15780.180                                                                           |      | 315.0                                              | 1.1                                                                                                                                         | H-Horn                             | PK              | 1.06E-08            | -49.7             | -27.0                    | -22.7                         | Ch:52, EUT vertical, antenna horizontal.  |
| 15780.140                                                                           |      | 16.0                                               | 1.1                                                                                                                                         | V-Horn                             | PK              | 1.04E-08            | -49.8             | -27.0                    | -22.8                         | Ch:52, EUT horizontal, antenna vertical.  |
| 15959.830                                                                           |      | 149.0                                              | 1.1                                                                                                                                         | V-Horn                             | PK              | 1.04E-08            | -49.8             | -27.0                    | -22.8                         | Ch:64, EUT horizontal, antenna vertical.  |
| 15539.480                                                                           |      | 81.0                                               | 1.1                                                                                                                                         | V-Horn                             | PK              | 1.04E-08            | -49.8             | -27.0                    | -22.8                         | Ch:36, EUT horizontal, antenna vertical.  |
| 15959.270                                                                           |      | 310.0                                              | 1.1                                                                                                                                         | H-Horn                             | PK              | 1.02E-08            | -49.9             | -27.0                    | -22.9                         | Ch:64, EUT vertical, antenna horizontal.  |
| 15540.960                                                                           |      | 89.0                                               | 1.1                                                                                                                                         | H-Horn                             | PK              | 9.93E-09            | -50.0             | -27.0                    | -23.0                         | Ch:36, EUT vertical, antenna horizontal.  |
| 15720.790                                                                           |      | 259.0                                              | 1.1                                                                                                                                         | V-Horn                             | PK              | 9.49E-09            | -50.2             | -27.0                    | -23.2                         | Ch:48, EUT horizontal, antenna vertical.  |

| NORTHWEST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | SPURIOUS RADIATED EMISSIONS DATA SHEET |                   | PSA 2008.07.21      |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
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| EMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                        |                   | EMI 2008.1.9        |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| EUT: RC12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | Work Order: INMC0575                   |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| Serial Number: R14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | Date: 08/03/10                         |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| Customer: Intermec Technologies Corporation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | Temperature: 23.2 °C                   |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| Attendees: none                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | Humidity: 50%                          |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| Project: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Barometric Pres.: 1017.5 mb            |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| Tested by: Dan Haas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Power: 5VDC                            |                   | Job Site: EV12      |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| TEST SPECIFICATIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Test Method                            |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| FCC 15.407:2010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ANSI C63.10:2009                       |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| TEST PARAMETERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                        |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| Antenna Height(s) (m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 1 - 4                                  |                   | Test Distance (m) 3 |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| COMMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                        |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| See notes for channel and EUT orientation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                        |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| EUT OPERATING MODES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                        |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| Continuous Tx. 802.11a, 6Mbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                        |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| DEVIATIONS FROM TEST STANDARD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                        |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| No deviations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                        |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| Run #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 9                                      |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| Configuration #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 1                                      |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| Results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | Pass                                   |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| Signature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                        |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                        |                   |                     |  |            |          |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| <table><thead><tr><th>Freq (MHz)</th><th></th><th></th><th>Azimuth (degrees)</th><th>Height (meters)</th><th></th><th></th><th>Polarity</th><th>Detector</th><th>EIRP (Watts)</th><th>EIRP (dBm)</th><th>Spec. Limit (dBm)</th><th>Compared to Spec. (dB)</th><th>Comments</th></tr></thead><tbody><tr><td>5155.960</td><td></td><td></td><td>238.0</td><td>1.6</td><td></td><td></td><td>H-Horn</td><td>PK</td><td>3.00E-07</td><td>-35.2</td><td>-27.0</td><td>-8.2</td><td>Ch:100, EUT horizontal, antenna vertical.</td></tr><tr><td>5156.280</td><td></td><td></td><td>285.0</td><td>1.7</td><td></td><td></td><td>V-Horn</td><td>PK</td><td>1.47E-07</td><td>-38.3</td><td>-27.0</td><td>-11.3</td><td>Ch:100, EUT vertical, antenna horizontal.</td></tr><tr><td>5611.577</td><td></td><td></td><td>232.0</td><td>1.5</td><td></td><td></td><td>H-Horn</td><td>PK</td><td>1.40E-07</td><td>-38.5</td><td>-27.0</td><td>-11.5</td><td>Ch:36, EUT horizontal, antenna vertical.</td></tr><tr><td>5156.160</td><td></td><td></td><td>198.0</td><td>2.4</td><td></td><td></td><td>V-Horn</td><td>PK</td><td>1.06E-07</td><td>-39.7</td><td>-27.0</td><td>-12.7</td><td>Ch:100, EUT horizontal, antenna vertical.</td></tr><tr><td>5611.640</td><td></td><td></td><td>269.0</td><td>1.0</td><td></td><td></td><td>V-Horn</td><td>PK</td><td>8.26E-08</td><td>-40.8</td><td>-27.0</td><td>-13.8</td><td>Ch:36, EUT vertical, antenna horizontal.</td></tr><tr><td>5611.667</td><td></td><td></td><td>173.0</td><td>2.3</td><td></td><td></td><td>V-Horn</td><td>PK</td><td>7.71E-08</td><td>-41.1</td><td>-27.0</td><td>-14.1</td><td>Ch:36, EUT horizontal, antenna vertical.</td></tr><tr><td>5611.760</td><td></td><td></td><td>170.0</td><td>1.2</td><td></td><td></td><td>H-Horn</td><td>PK</td><td>6.87E-08</td><td>-41.6</td><td>-27.0</td><td>-14.6</td><td>Ch:36, EUT vertical, antenna horizontal.</td></tr><tr><td>5156.270</td><td></td><td></td><td>175.0</td><td>1.2</td><td></td><td></td><td>H-Horn</td><td>PK</td><td>6.56E-08</td><td>-41.8</td><td>-27.0</td><td>-14.8</td><td>Ch:100, EUT vertical, antenna horizontal.</td></tr></tbody></table> |  |                                        |                   |                     |  | Freq (MHz) |          |          | Azimuth (degrees) | Height (meters) |                   |                        | Polarity                                  | Detector | EIRP (Watts) | EIRP (dBm) | Spec. Limit (dBm) | Compared to Spec. (dB) | Comments | 5155.960 |  |  | 238.0 | 1.6 |  |  | H-Horn | PK | 3.00E-07 | -35.2 | -27.0 | -8.2 | Ch:100, EUT horizontal, antenna vertical. | 5156.280 |  |  | 285.0 | 1.7 |  |  | V-Horn | PK | 1.47E-07 | -38.3 | -27.0 | -11.3 | Ch:100, EUT vertical, antenna horizontal. | 5611.577 |  |  | 232.0 | 1.5 |  |  | H-Horn | PK | 1.40E-07 | -38.5 | -27.0 | -11.5 | Ch:36, EUT horizontal, antenna vertical. | 5156.160 |  |  | 198.0 | 2.4 |  |  | V-Horn | PK | 1.06E-07 | -39.7 | -27.0 | -12.7 | Ch:100, EUT horizontal, antenna vertical. | 5611.640 |  |  | 269.0 | 1.0 |  |  | V-Horn | PK | 8.26E-08 | -40.8 | -27.0 | -13.8 | Ch:36, EUT vertical, antenna horizontal. | 5611.667 |  |  | 173.0 | 2.3 |  |  | V-Horn | PK | 7.71E-08 | -41.1 | -27.0 | -14.1 | Ch:36, EUT horizontal, antenna vertical. | 5611.760 |  |  | 170.0 | 1.2 |  |  | H-Horn | PK | 6.87E-08 | -41.6 | -27.0 | -14.6 | Ch:36, EUT vertical, antenna horizontal. | 5156.270 |  |  | 175.0 | 1.2 |  |  | H-Horn | PK | 6.56E-08 | -41.8 | -27.0 | -14.8 | Ch:100, EUT vertical, antenna horizontal. |
| Freq (MHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                        | Azimuth (degrees) | Height (meters)     |  |            | Polarity | Detector | EIRP (Watts)      | EIRP (dBm)      | Spec. Limit (dBm) | Compared to Spec. (dB) | Comments                                  |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| 5155.960                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                        | 238.0             | 1.6                 |  |            | H-Horn   | PK       | 3.00E-07          | -35.2           | -27.0             | -8.2                   | Ch:100, EUT horizontal, antenna vertical. |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| 5156.280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                        | 285.0             | 1.7                 |  |            | V-Horn   | PK       | 1.47E-07          | -38.3           | -27.0             | -11.3                  | Ch:100, EUT vertical, antenna horizontal. |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| 5611.577                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                        | 232.0             | 1.5                 |  |            | H-Horn   | PK       | 1.40E-07          | -38.5           | -27.0             | -11.5                  | Ch:36, EUT horizontal, antenna vertical.  |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| 5156.160                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                        | 198.0             | 2.4                 |  |            | V-Horn   | PK       | 1.06E-07          | -39.7           | -27.0             | -12.7                  | Ch:100, EUT horizontal, antenna vertical. |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| 5611.640                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                        | 269.0             | 1.0                 |  |            | V-Horn   | PK       | 8.26E-08          | -40.8           | -27.0             | -13.8                  | Ch:36, EUT vertical, antenna horizontal.  |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| 5611.667                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                        | 173.0             | 2.3                 |  |            | V-Horn   | PK       | 7.71E-08          | -41.1           | -27.0             | -14.1                  | Ch:36, EUT horizontal, antenna vertical.  |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| 5611.760                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                        | 170.0             | 1.2                 |  |            | H-Horn   | PK       | 6.87E-08          | -41.6           | -27.0             | -14.6                  | Ch:36, EUT vertical, antenna horizontal.  |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |
| 5156.270                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                        | 175.0             | 1.2                 |  |            | H-Horn   | PK       | 6.56E-08          | -41.8           | -27.0             | -14.8                  | Ch:100, EUT vertical, antenna horizontal. |          |              |            |                   |                        |          |          |  |  |       |     |  |  |        |    |          |       |       |      |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                          |          |  |  |       |     |  |  |        |    |          |       |       |       |                                           |

| NORTHWEST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  | SPURIOUS RADIATED EMISSIONS DATA SHEET |                   | PSA 2008.07.21                                                                               |                   |                           |                  |             |                          |                 |                    |                           |                                           |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |    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 |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
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|     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |            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| FCC 15.209:2010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| EUT OPERATING MODES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| Continuous Tx. 802.11a, 6Mbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| DEVIATIONS FROM TEST STANDARD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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  |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| Run #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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                                   |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                            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       |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| Configuration #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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  |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| Results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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  |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
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                                  |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| <table><thead><tr><th>Freq (MHz)</th><th>Amplitude (dBuV)</th><th>Factor (dB)</th><th>Azimuth (degrees)</th><th>Height (meters)</th><th>Distance (meters)</th><th>External Attenuation (dB)</th><th>Polarity</th><th>Detector</th><th>Distance Adjustment (dB)</th><th>Adjusted dBuV/m</th><th>Spec. Limit dBuV/m</th><th>Compared to Spec. (dB)</th><th>Comments</th></tr></thead><tbody><tr><td>20720.040</td><td>54.7</td><td>-8.9</td><td>35.0</td><td>1.1</td><td>3.0</td><td>0.0</td><td>+/High Horr</td><td>AV</td><td>0.0</td><td>45.8</td><td>54.0</td><td>-8.2</td><td>Ch:36, EUT vertical, antenna horizontal.</td></tr><tr><td>22320.040</td><td>54.3</td><td>-9.2</td><td>32.0</td><td>1.2</td><td>3.0</td><td>0.0</td><td>✓-High Horr</td><td>AV</td><td>0.0</td><td>45.1</td><td>54.0</td><td>-8.9</td><td>Ch:116, EUT on side, antenna vertical.</td></tr><tr><td>21280.050</td><td>53.8</td><td>-9.1</td><td>28.0</td><td>1.2</td><td>3.0</td><td>0.0</td><td>+/High Horr</td><td>AV</td><td>0.0</td><td>44.7</td><td>54.0</td><td>-9.3</td><td>Ch:64, EUT vertical, antenna horizontal.</td></tr><tr><td>20960.030</td><td>52.6</td><td>-9.0</td><td>29.0</td><td>1.1</td><td>3.0</td><td>0.0</td><td>+/High Horr</td><td>AV</td><td>0.0</td><td>43.6</td><td>54.0</td><td>-10.4</td><td>Ch:48, EUT vertical, antenna horizontal.</td></tr><tr><td>21040.030</td><td>52.5</td><td>-9.0</td><td>25.0</td><td>1.1</td><td>3.0</td><td>0.0</td><td>+/High Horr</td><td>AV</td><td>0.0</td><td>43.5</td><td>54.0</td><td>-10.5</td><td>Ch:52, EUT vertical, antenna horizontal.</td></tr><tr><td>22320.030</td><td>52.6</td><td>-9.2</td><td>15.0</td><td>1.1</td><td>3.0</td><td>0.0</td><td>+/High Horr</td><td>AV</td><td>0.0</td><td>43.4</td><td>54.0</td><td>-10.6</td><td>Ch:116, EUT vertical, antenna horizontal.</td></tr><tr><td>2720.030</td><td>51.3</td><td>-8.9</td><td>49.0</td><td>1.0</td><td>3.0</td><td>0.0</td><td>✓-High Horr</td><td>AV</td><td>0.0</td><td>42.4</td><td>54.0</td><td>-11.6</td><td>Ch:36, EUT on side, antenna vertical.</td></tr><tr><td>22800.050</td><td>51.3</td><td>-9.0</td><td>21.0</td><td>1.1</td><td>3.0</td><td>0.0</td><td>+/High Horr</td><td>AV</td><td>0.0</td><td>42.3</td><td>54.0</td><td>-11.7</td><td>Ch:140, EUT vertical, antenna horizontal.</td></tr><tr><td>20960.050</td><td>51.0</td><td>-9.0</td><td>47.0</td><td>1.0</td><td>3.0</td><td>0.0</td><td>✓-High Horr</td><td>AV</td><td>0.0</td><td>42.0</td><td>54.0</td><td>-12.0</td><td>Ch:48, EUT on side, antenna vertical.</td></tr><tr><td>22800.030</td><td>50.2</td><td>-9.0</td><td>38.0</td><td>1.2</td><td>3.0</td><td>0.0</td><td>✓-High Horr</td><td>AV</td><td>0.0</td><td>41.2</td><td>54.0</td><td>-12.8</td><td>Ch:140, EUT on side, antenna vertical.</td></tr><tr><td>21040.020</td><td>49.9</td><td>-9.0</td><td>40.0</td><td>1.0</td><td>3.0</td><td>0.0</td><td>✓-High Horr</td><td>AV</td><td>0.0</td><td>40.9</td><td>54.0</td><td>-13.1</td><td>Ch:52, EUT on side, antenna vertical.</td></tr><tr><td>21280.010</td><td>49.4</td><td>-9.1</td><td>319.0</td><td>1.2</td><td>3.0</td><td>0.0</td><td>✓-High Horr</td><td>AV</td><td>0.0</td><td>40.3</td><td>54.0</td><td>-13.7</td><td>Ch:64, EUT on side, antenna vertical.</td></tr><tr><td>20719.970</td><td>60.3</td><td>-8.9</td><td>35.0</td><td>1.1</td><td>3.0</td><td>0.0</td><td>+/High Horr</td><td>PK</td><td>0.0</td><td>51.4</td><td>74.0</td><td>-22.6</td><td>Ch:36, EUT vertical, antenna horizontal.</td></tr><tr><td>22319.820</td><td>60.1</td><td>-9.2</td><td>32.0</td><td>1.2</td><td>3.0</td><td>0.0</td><td>✓-High Horr</td><td>PK</td><td>0.0</td><td>50.9</td><td>74.0</td><td>-23.1</td><td>Ch:116, EUT on side, antenna vertical.</td></tr><tr><td>22319.960</td><td>59.2</td><td>-9.2</td><td>15.0</td><td>1.1</td><td>3.0</td><td>0.0</td><td>+/High Horr</td><td>PK</td><td>0.0</td><td>50.0</td><td>74.0</td><td>-24.0</td><td>Ch:116, EUT vertical, antenna horizontal.</td></tr><tr><td>22800.020</td><td>59.0</td><td>-9.0</td><td>21.0</td><td>1.1</td><td>3.0</td><td>0.0</td><td>+/High Horr</td><td>PK</td><td>0.0</td><td>50.0</td><td>74.0</td><td>-24.0</td><td>Ch:140, EUT vertical, antenna horizontal.</td></tr><tr><td>21280.100</td><td>59.1</td><td>-9.1</td><td>28.0</td><td>1.2</td><td>3.0</td><td>0.0</td><td>+/High Horr</td><td>PK</td><td>0.0</td><td>50.0</td><td>74.0</td><td>-24.0</td><td>Ch:64, EUT vertical, antenna horizontal.</td></tr><tr><td>21040.050</td><td>58.9</td><td>-9.0</td><td>25.0</td><td>1.1</td><td>3.0</td><td>0.0</td><td>+/High Horr</td><td>PK</td><td>0.0</td><td>49.9</td><td>74.0</td><td>-24.1</td><td>Ch:52, EUT vertical, antenna horizontal.</td></tr><tr><td>20959.880</td><td>58.7</td><td>-9.0</td><td>29.0</td><td>1.1</td><td>3.0</td><td>0.0</td><td>+/High Horr</td><td>PK</td><td>0.0</td><td>49.7</td><td>74.0</td><td>-24.3</td><td>Ch:48, EUT vertical, antenna horizontal.</td></tr><tr><td>20719.880</td><td>58.2</td><td>-8.9</td><td>49.0</td><td>1.0</td><td>3.0</td><td>0.0</td><td>✓-High Horr</td><td>PK</td><td>0.0</td><td>49.3</td><td>74.0</td><td>-24.7</td><td>Ch:36, EUT on side, antenna vertical.</td></tr></tbody></table> |                  |                                        |                   |                                                                                              |                   | Freq (MHz)                | Amplitude (dBuV) | Factor (dB) | Azimuth (degrees)        | Height (meters) | Distance (meters)  | External Attenuation (dB) | Polarity                                  | Detector | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB) | Comments | 20720.040 | 54.7 | -8.9 | 35.0 | 1.1 | 3.0 | 0.0 | +/High Horr | AV | 0.0 | 45.8 | 54.0 | -8.2 | Ch:36, EUT vertical, antenna horizontal. | 22320.040 | 54.3 | -9.2 | 32.0 | 1.2 | 3.0 | 0.0 | ✓-High Horr | AV | 0.0 | 45.1 | 54.0 | -8.9 | Ch:116, EUT on side, antenna vertical. | 21280.050 | 53.8 | -9.1 | 28.0 | 1.2 | 3.0 | 0.0 | +/High Horr | AV | 0.0 | 44.7 | 54.0 | -9.3 | Ch:64, EUT vertical, antenna horizontal. | 20960.030 | 52.6 | -9.0 | 29.0 | 1.1 | 3.0 | 0.0 | +/High Horr | AV | 0.0 | 43.6 | 54.0 | -10.4 | Ch:48, EUT vertical, antenna horizontal. | 21040.030 | 52.5 | -9.0 | 25.0 | 1.1 | 3.0 | 0.0 | +/High Horr | AV | 0.0 | 43.5 | 54.0 | -10.5 | Ch:52, EUT vertical, antenna horizontal. | 22320.030 | 52.6 | -9.2 | 15.0 | 1.1 | 3.0 | 0.0 | +/High Horr | AV | 0.0 | 43.4 | 54.0 | -10.6 | Ch:116, EUT vertical, antenna horizontal. | 2720.030 | 51.3 | -8.9 | 49.0 | 1.0 | 3.0 | 0.0 | ✓-High Horr | AV | 0.0 | 42.4 | 54.0 | -11.6 | Ch:36, EUT on side, antenna vertical. | 22800.050 | 51.3 | -9.0 | 21.0 | 1.1 | 3.0 | 0.0 | +/High Horr | AV | 0.0 | 42.3 | 54.0 | -11.7 | Ch:140, EUT vertical, antenna horizontal. | 20960.050 | 51.0 | -9.0 | 47.0 | 1.0 | 3.0 | 0.0 | ✓-High Horr | AV | 0.0 | 42.0 | 54.0 | -12.0 | Ch:48, EUT on side, antenna vertical. | 22800.030 | 50.2 | -9.0 | 38.0 | 1.2 | 3.0 | 0.0 | ✓-High Horr | AV | 0.0 | 41.2 | 54.0 | -12.8 | Ch:140, EUT on side, antenna vertical. | 21040.020 | 49.9 | -9.0 | 40.0 | 1.0 | 3.0 | 0.0 | ✓-High Horr | AV | 0.0 | 40.9 | 54.0 | -13.1 | Ch:52, EUT on side, antenna vertical. | 21280.010 | 49.4 | -9.1 | 319.0 | 1.2 | 3.0 | 0.0 | ✓-High Horr | AV | 0.0 | 40.3 | 54.0 | -13.7 | Ch:64, EUT on side, antenna vertical. | 20719.970 | 60.3 | -8.9 | 35.0 | 1.1 | 3.0 | 0.0 | +/High Horr | PK | 0.0 | 51.4 | 74.0 | -22.6 | Ch:36, EUT vertical, antenna horizontal. | 22319.820 | 60.1 | -9.2 | 32.0 | 1.2 | 3.0 | 0.0 | ✓-High Horr | PK | 0.0 | 50.9 | 74.0 | -23.1 | Ch:116, EUT on side, antenna vertical. | 22319.960 | 59.2 | -9.2 | 15.0 | 1.1 | 3.0 | 0.0 | +/High Horr | PK | 0.0 | 50.0 | 74.0 | -24.0 | Ch:116, EUT vertical, antenna horizontal. | 22800.020 | 59.0 | -9.0 | 21.0 | 1.1 | 3.0 | 0.0 | +/High Horr | PK | 0.0 | 50.0 | 74.0 | -24.0 | Ch:140, EUT vertical, antenna horizontal. | 21280.100 | 59.1 | -9.1 | 28.0 | 1.2 | 3.0 | 0.0 | +/High Horr | PK | 0.0 | 50.0 | 74.0 | -24.0 | Ch:64, EUT vertical, antenna horizontal. | 21040.050 | 58.9 | -9.0 | 25.0 | 1.1 | 3.0 | 0.0 | +/High Horr | PK | 0.0 | 49.9 | 74.0 | -24.1 | Ch:52, EUT vertical, antenna horizontal. | 20959.880 | 58.7 | -9.0 | 29.0 | 1.1 | 3.0 | 0.0 | +/High Horr | PK | 0.0 | 49.7 | 74.0 | -24.3 | Ch:48, EUT vertical, antenna horizontal. | 20719.880 | 58.2 | -8.9 | 49.0 | 1.0 | 3.0 | 0.0 | ✓-High Horr | PK | 0.0 | 49.3 | 74.0 | -24.7 | Ch:36, EUT on side, antenna vertical. |
| Freq (MHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Amplitude (dBuV) | Factor (dB)                            | Azimuth (degrees) | Height (meters)                                                                              | Distance (meters) | External Attenuation (dB) | Polarity         | Detector    | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB)    | Comments                                  |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 20720.040                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 54.7             | -8.9                                   | 35.0              | 1.1                                                                                          | 3.0               | 0.0                       | +/High Horr      | AV          | 0.0                      | 45.8            | 54.0               | -8.2                      | Ch:36, EUT vertical, antenna horizontal.  |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 22320.040                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 54.3             | -9.2                                   | 32.0              | 1.2                                                                                          | 3.0               | 0.0                       | ✓-High Horr      | AV          | 0.0                      | 45.1            | 54.0               | -8.9                      | Ch:116, EUT on side, antenna vertical.    |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |            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| 21280.050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 53.8             | -9.1                                   | 28.0              | 1.2                                                                                          | 3.0               | 0.0                       | +/High Horr      | AV          | 0.0                      | 44.7            | 54.0               | -9.3                      | Ch:64, EUT vertical, antenna horizontal.  |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 20960.030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 52.6             | -9.0                                   | 29.0              | 1.1                                                                                          | 3.0               | 0.0                       | +/High Horr      | AV          | 0.0                      | 43.6            | 54.0               | -10.4                     | Ch:48, EUT vertical, antenna horizontal.  |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     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 |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 21040.030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 52.5             | -9.0                                   | 25.0              | 1.1                                                                                          | 3.0               | 0.0                       | +/High Horr      | AV          | 0.0                      | 43.5            | 54.0               | -10.5                     | Ch:52, EUT vertical, antenna horizontal.  |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 22320.030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 52.6             | -9.2                                   | 15.0              | 1.1                                                                                          | 3.0               | 0.0                       | +/High Horr      | AV          | 0.0                      | 43.4            | 54.0               | -10.6                     | Ch:116, EUT vertical, antenna horizontal. |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 2720.030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 51.3             | -8.9                                   | 49.0              | 1.0                                                                                          | 3.0               | 0.0                       | ✓-High Horr      | AV          | 0.0                      | 42.4            | 54.0               | -11.6                     | Ch:36, EUT on side, antenna vertical.     |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 22800.050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 51.3             | -9.0                                   | 21.0              | 1.1                                                                                          | 3.0               | 0.0                       | +/High Horr      | AV          | 0.0                      | 42.3            | 54.0               | -11.7                     | Ch:140, EUT vertical, antenna horizontal. |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 20960.050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 51.0             | -9.0                                   | 47.0              | 1.0                                                                                          | 3.0               | 0.0                       | ✓-High Horr      | AV          | 0.0                      | 42.0            | 54.0               | -12.0                     | Ch:48, EUT on side, antenna vertical.     |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 22800.030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 50.2             | -9.0                                   | 38.0              | 1.2                                                                                          | 3.0               | 0.0                       | ✓-High Horr      | AV          | 0.0                      | 41.2            | 54.0               | -12.8                     | Ch:140, EUT on side, antenna vertical.    |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 21040.020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 49.9             | -9.0                                   | 40.0              | 1.0                                                                                          | 3.0               | 0.0                       | ✓-High Horr      | AV          | 0.0                      | 40.9            | 54.0               | -13.1                     | Ch:52, EUT on side, antenna vertical.     |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 21280.010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 49.4             | -9.1                                   | 319.0             | 1.2                                                                                          | 3.0               | 0.0                       | ✓-High Horr      | AV          | 0.0                      | 40.3            | 54.0               | -13.7                     | Ch:64, EUT on side, antenna vertical.     |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 20719.970                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 60.3             | -8.9                                   | 35.0              | 1.1                                                                                          | 3.0               | 0.0                       | +/High Horr      | PK          | 0.0                      | 51.4            | 74.0               | -22.6                     | Ch:36, EUT vertical, antenna horizontal.  |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 22319.820                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 60.1             | -9.2                                   | 32.0              | 1.2                                                                                          | 3.0               | 0.0                       | ✓-High Horr      | PK          | 0.0                      | 50.9            | 74.0               | -23.1                     | Ch:116, EUT on side, antenna vertical.    |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 22319.960                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 59.2             | -9.2                                   | 15.0              | 1.1                                                                                          | 3.0               | 0.0                       | +/High Horr      | PK          | 0.0                      | 50.0            | 74.0               | -24.0                     | Ch:116, EUT vertical, antenna horizontal. |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 22800.020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 59.0             | -9.0                                   | 21.0              | 1.1                                                                                          | 3.0               | 0.0                       | +/High Horr      | PK          | 0.0                      | 50.0            | 74.0               | -24.0                     | Ch:140, EUT vertical, antenna horizontal. |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     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 |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 21280.100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 59.1             | -9.1                                   | 28.0              | 1.2                                                                                          | 3.0               | 0.0                       | +/High Horr      | PK          | 0.0                      | 50.0            | 74.0               | -24.0                     | Ch:64, EUT vertical, antenna horizontal.  |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     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 |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 21040.050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 58.9             | -9.0                                   | 25.0              | 1.1                                                                                          | 3.0               | 0.0                       | +/High Horr      | PK          | 0.0                      | 49.9            | 74.0               | -24.1                     | Ch:52, EUT vertical, antenna horizontal.  |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 20959.880                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 58.7             | -9.0                                   | 29.0              | 1.1                                                                                          | 3.0               | 0.0                       | +/High Horr      | PK          | 0.0                      | 49.7            | 74.0               | -24.3                     | Ch:48, EUT vertical, antenna horizontal.  |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |       |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |
| 20719.880                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 58.2             | -8.9                                   | 49.0              | 1.0                                                                                          | 3.0               | 0.0                       | ✓-High Horr      | PK          | 0.0                      | 49.3            | 74.0               | -24.7                     | Ch:36, EUT on side, antenna vertical.     |          |                          |                 |                    |                        |          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |      |                                        |           |      |      |      |     |     |     |             |    |     |      |      |      |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                          |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |          |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                           |           |      |      |      |     |     |     |             |    |     |      |      |       |                                       |           |      |      |      |     |     |     |             |    |     |      |      |       |                                        |           |      |      |      |     |     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                                                                                                                                                                                                                                                                                                                                                                                             |  | SPURIOUS RADIATED EMISSIONS DATA SHEET |                   | PSA 2008.07.21                                                                               |  |            |             |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |      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| EMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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 |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| EUT: RC12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | Work Order: INMC0575                   |                   |                                                                                              |  |            |             |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |      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| Serial Number: R14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |       |     |  |  |             |    |         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| Customer: Intermec Technologies Corporation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| Attendees: none                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| Project: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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 |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| Tested by: Dan Haas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| TEST SPECIFICATIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| FCC 15.407:2010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| TEST PARAMETERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| Antenna Height(s) (m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | 1 - 2                                  |                   | Test Distance (m) 3                                                                          |  |            |             |          |                   |                 |                   |                        |                                           |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |       |     |  |  |             |    |          |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| COMMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| See comments for channel and EUT orientation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| EUT OPERATING MODES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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 |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| Continuous Tx. 802.11a, 6Mbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| DEVIATIONS FROM TEST STANDARD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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 |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| No deviations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| Run #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| Configuration #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| Results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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|       |     |  |  |             |    |          |       |       |       |                                           |
| <table><thead><tr><th>Freq (MHz)</th><th></th><th></th><th>Azimuth (degrees)</th><th>Height (meters)</th><th></th><th></th><th>Polarity</th><th>Detector</th><th>EIRP (Watts)</th><th>EIRP (dBm)</th><th>Spec. Limit (dBm)</th><th>Compared to Spec. (dB)</th><th>Comments</th></tr></thead><tbody><tr><td>22000.000</td><td></td><td></td><td>41.0</td><td>1.2</td><td></td><td></td><td>H-High Horr</td><td>PK</td><td>4.98E-08</td><td>-43.0</td><td>-27.0</td><td>-16.0</td><td>Ch:100, EUT vertical, antenna horizontal.</td></tr><tr><td>20719.970</td><td></td><td></td><td>35.0</td><td>1.1</td><td></td><td></td><td>H-High Horr</td><td>PK</td><td>4.14E-08</td><td>-43.8</td><td>-27.0</td><td>-16.8</td><td>Ch:36, EUT vertical, antenna horizontal.</td></tr><tr><td>22000.050</td><td></td><td></td><td>30.0</td><td>1.2</td><td></td><td></td><td>V-High Horr</td><td>PK</td><td>3.95E-08</td><td>-44.0</td><td>-27.0</td><td>-17.0</td><td>Ch:100, EUT on side, antenna vertical.</td></tr><tr><td>22319.820</td><td></td><td></td><td>32.0</td><td>1.2</td><td></td><td></td><td>V-High Horr</td><td>PK</td><td>3.69E-08</td><td>-44.3</td><td>-27.0</td><td>-17.3</td><td>Ch:116, EUT on side, antenna vertical.</td></tr><tr><td>21999.830</td><td></td><td></td><td>133.0</td><td>1.1</td><td></td><td></td><td>V-High Horr</td><td>PK</td><td>3.29E-08</td><td>-44.8</td><td>-27.0</td><td>-17.8</td><td>Ch:100, EUT horizontal, antenna vertical.</td></tr><tr><td>22319.960</td><td></td><td></td><td>15.0</td><td>1.1</td><td></td><td></td><td>H-High Horr</td><td>PK</td><td>3.00E-08</td><td>-45.2</td><td>-27.0</td><td>-18.2</td><td>Ch:116, EUT vertical, antenna horizontal.</td></tr><tr><td>22800.020</td><td></td><td></td><td>21.0</td><td>1.1</td><td></td><td></td><td>H-High Horr</td><td>PK</td><td>3.00E-08</td><td>-45.2</td><td>-27.0</td><td>-18.2</td><td>Ch:140, EUT vertical, antenna horizontal.</td></tr><tr><td>21280.100</td><td></td><td></td><td>28.0</td><td>1.2</td><td></td><td></td><td>H-High Horr</td><td>PK</td><td>3.00E-08</td><td>-45.2</td><td>-27.0</td><td>-18.2</td><td>Ch:64, EUT vertical, antenna horizontal.</td></tr><tr><td>21040.050</td><td></td><td></td><td>25.0</td><td>1.1</td><td></td><td></td><td>H-High Horr</td><td>PK</td><td>2.93E-08</td><td>-45.3</td><td>-27.0</td><td>-18.3</td><td>Ch:52, EUT vertical, antenna horizontal.</td></tr><tr><td>20959.880</td><td></td><td></td><td>29.0</td><td>1.1</td><td></td><td></td><td>H-High Horr</td><td>PK</td><td>2.80E-08</td><td>-45.5</td><td>-27.0</td><td>-18.5</td><td>Ch:48, EUT vertical, antenna horizontal.</td></tr><tr><td>20719.880</td><td></td><td></td><td>49.0</td><td>1.0</td><td></td><td></td><td>V-High Horr</td><td>PK</td><td>2.55E-08</td><td>-45.9</td><td>-27.0</td><td>-18.9</td><td>Ch:36, EUT on side, antenna vertical.</td></tr><tr><td>22800.050</td><td></td><td></td><td>38.0</td><td>1.2</td><td></td><td></td><td>V-High Horr</td><td>PK</td><td>2.55E-08</td><td>-45.9</td><td>-27.0</td><td>-18.9</td><td>Ch:140, EUT on side, antenna vertical.</td></tr><tr><td>22000.130</td><td></td><td></td><td>52.0</td><td>1.3</td><td></td><td></td><td>H-High Horr</td><td>PK</td><td>2.55E-08</td><td>-45.9</td><td>-27.0</td><td>-18.9</td><td>Ch:100, EUT on side, antenna vertical.</td></tr><tr><td>20959.810</td><td></td><td></td><td>47.0</td><td>1.0</td><td></td><td></td><td>V-High Horr</td><td>PK</td><td>2.50E-08</td><td>-46.0</td><td>-27.0</td><td>-19.0</td><td>Ch:48, EUT on side, antenna vertical.</td></tr><tr><td>21039.850</td><td></td><td></td><td>40.0</td><td>1.0</td><td></td><td></td><td>V-High Horr</td><td>PK</td><td>2.33E-08</td><td>-46.3</td><td>-27.0</td><td>-19.3</td><td>Ch:52, EUT on side, antenna vertical.</td></tr><tr><td>22000.060</td><td></td><td></td><td>15.0</td><td>1.3</td><td></td><td></td><td>H-High Horr</td><td>PK</td><td>2.33E-08</td><td>-46.3</td><td>-27.0</td><td>-19.3</td><td>Ch:100, EUT horizontal, antenna vertical.</td></tr><tr><td>21280.230</td><td></td><td></td><td>319.0</td><td>1.2</td><td></td><td></td><td>V-High Horr</td><td>PK</td><td>1.85E-08</td><td>-47.3</td><td>-27.0</td><td>-20.3</td><td>Ch:64, EUT on side, antenna vertical.</td></tr><tr><td>22000.080</td><td></td><td></td><td>309.0</td><td>1.0</td><td></td><td></td><td>V-High Horr</td><td>PK</td><td>1.69E-08</td><td>-47.7</td><td>-27.0</td><td>-20.7</td><td>Ch:100, EUT vertical, antenna horizontal.</td></tr></tbody></table> |  |                                        |                   |                                                                                              |  | Freq (MHz) |             |          | Azimuth (degrees) | Height (meters) |                   |                        | Polarity                                  | Detector | EIRP (Watts) | EIRP (dBm) | Spec. Limit (dBm) | Compared to Spec. (dB) | Comments | 22000.000 |  |  | 41.0 | 1.2 |  |  | H-High Horr | PK | 4.98E-08 | -43.0 | -27.0 | -16.0 | Ch:100, EUT vertical, antenna horizontal. | 20719.970 |  |  | 35.0 | 1.1 |  |  | H-High Horr | PK | 4.14E-08 | -43.8 | -27.0 | -16.8 | Ch:36, EUT vertical, antenna horizontal. | 22000.050 |  |  | 30.0 | 1.2 |  |  | V-High Horr | PK | 3.95E-08 | -44.0 | -27.0 | -17.0 | Ch:100, EUT on side, antenna vertical. | 22319.820 |  |  | 32.0 | 1.2 |  |  | V-High Horr | PK | 3.69E-08 | -44.3 | -27.0 | -17.3 | Ch:116, EUT on side, antenna vertical. | 21999.830 |  |  | 133.0 | 1.1 |  |  | V-High Horr | PK | 3.29E-08 | -44.8 | -27.0 | -17.8 | Ch:100, EUT horizontal, antenna vertical. | 22319.960 |  |  | 15.0 | 1.1 |  |  | H-High Horr | PK | 3.00E-08 | -45.2 | -27.0 | -18.2 | Ch:116, EUT vertical, antenna horizontal. | 22800.020 |  |  | 21.0 | 1.1 |  |  | H-High Horr | PK | 3.00E-08 | -45.2 | -27.0 | -18.2 | Ch:140, EUT vertical, antenna horizontal. | 21280.100 |  |  | 28.0 | 1.2 |  |  | H-High Horr | PK | 3.00E-08 | -45.2 | -27.0 | -18.2 | Ch:64, EUT vertical, antenna horizontal. | 21040.050 |  |  | 25.0 | 1.1 |  |  | H-High Horr | PK | 2.93E-08 | -45.3 | -27.0 | -18.3 | Ch:52, EUT vertical, antenna horizontal. | 20959.880 |  |  | 29.0 | 1.1 |  |  | H-High Horr | PK | 2.80E-08 | -45.5 | -27.0 | -18.5 | Ch:48, EUT vertical, antenna horizontal. | 20719.880 |  |  | 49.0 | 1.0 |  |  | V-High Horr | PK | 2.55E-08 | -45.9 | -27.0 | -18.9 | Ch:36, EUT on side, antenna vertical. | 22800.050 |  |  | 38.0 | 1.2 |  |  | V-High Horr | PK | 2.55E-08 | -45.9 | -27.0 | -18.9 | Ch:140, EUT on side, antenna vertical. | 22000.130 |  |  | 52.0 | 1.3 |  |  | H-High Horr | PK | 2.55E-08 | -45.9 | -27.0 | -18.9 | Ch:100, EUT on side, antenna vertical. | 20959.810 |  |  | 47.0 | 1.0 |  |  | V-High Horr | PK | 2.50E-08 | -46.0 | -27.0 | -19.0 | Ch:48, EUT on side, antenna vertical. | 21039.850 |  |  | 40.0 | 1.0 |  |  | V-High Horr | PK | 2.33E-08 | -46.3 | -27.0 | -19.3 | Ch:52, EUT on side, antenna vertical. | 22000.060 |  |  | 15.0 | 1.3 |  |  | H-High Horr | PK | 2.33E-08 | -46.3 | -27.0 | -19.3 | Ch:100, EUT horizontal, antenna vertical. | 21280.230 |  |  | 319.0 | 1.2 |  |  | V-High Horr | PK | 1.85E-08 | -47.3 | -27.0 | -20.3 | Ch:64, EUT on side, antenna vertical. | 22000.080 |  |  | 309.0 | 1.0 |  |  | V-High Horr | PK | 1.69E-08 | -47.7 | -27.0 | -20.7 | Ch:100, EUT vertical, antenna horizontal. |
| Freq (MHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                        | Azimuth (degrees) | Height (meters)                                                                              |  |            | Polarity    | Detector | EIRP (Watts)      | EIRP (dBm)      | Spec. Limit (dBm) | Compared to Spec. (dB) | Comments                                  |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |       |     |  |  |             |    |          |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 22000.000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 41.0              | 1.2                                                                                          |  |            | H-High Horr | PK       | 4.98E-08          | -43.0           | -27.0             | -16.0                  | Ch:100, EUT vertical, antenna horizontal. |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                  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 |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 20719.970                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 35.0              | 1.1                                                                                          |  |            | H-High Horr | PK       | 4.14E-08          | -43.8           | -27.0             | -16.8                  | Ch:36, EUT vertical, antenna horizontal.  |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                  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 |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 22000.050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 30.0              | 1.2                                                                                          |  |            | V-High Horr | PK       | 3.95E-08          | -44.0           | -27.0             | -17.0                  | Ch:100, EUT on side, antenna vertical.    |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                  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 |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 22319.820                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 32.0              | 1.2                                                                                          |  |            | V-High Horr | PK       | 3.69E-08          | -44.3           | -27.0             | -17.3                  | Ch:116, EUT on side, antenna vertical.    |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                  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 |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 21999.830                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 133.0             | 1.1                                                                                          |  |            | V-High Horr | PK       | 3.29E-08          | -44.8           | -27.0             | -17.8                  | Ch:100, EUT horizontal, antenna vertical. |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                  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 |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 22319.960                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 15.0              | 1.1                                                                                          |  |            | H-High Horr | PK       | 3.00E-08          | -45.2           | -27.0             | -18.2                  | Ch:116, EUT vertical, antenna horizontal. |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |       |     |  |  |             |    |          |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 22800.020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 21.0              | 1.1                                                                                          |  |            | H-High Horr | PK       | 3.00E-08          | -45.2           | -27.0             | -18.2                  | Ch:140, EUT vertical, antenna horizontal. |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |       |     |  |  |             |    |          |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 21280.100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 28.0              | 1.2                                                                                          |  |            | H-High Horr | PK       | 3.00E-08          | -45.2           | -27.0             | -18.2                  | Ch:64, EUT vertical, antenna horizontal.  |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |       |     |  |  |             |    |          |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 21040.050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 25.0              | 1.1                                                                                          |  |            | H-High Horr | PK       | 2.93E-08          | -45.3           | -27.0             | -18.3                  | Ch:52, EUT vertical, antenna horizontal.  |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |       |     |  |  |             |    |          |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 20959.880                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 29.0              | 1.1                                                                                          |  |            | H-High Horr | PK       | 2.80E-08          | -45.5           | -27.0             | -18.5                  | Ch:48, EUT vertical, antenna horizontal.  |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |       |     |  |  |             |    |          |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 20719.880                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 49.0              | 1.0                                                                                          |  |            | V-High Horr | PK       | 2.55E-08          | -45.9           | -27.0             | -18.9                  | Ch:36, EUT on side, antenna vertical.     |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |       |     |  |  |             |    |          |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 22800.050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 38.0              | 1.2                                                                                          |  |            | V-High Horr | PK       | 2.55E-08          | -45.9           | -27.0             | -18.9                  | Ch:140, EUT on side, antenna vertical.    |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |       |     |  |  |             |    |          |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 22000.130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 52.0              | 1.3                                                                                          |  |            | H-High Horr | PK       | 2.55E-08          | -45.9           | -27.0             | -18.9                  | Ch:100, EUT on side, antenna vertical.    |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |       |     |  |  |             |    |          |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 20959.810                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 47.0              | 1.0                                                                                          |  |            | V-High Horr | PK       | 2.50E-08          | -46.0           | -27.0             | -19.0                  | Ch:48, EUT on side, antenna vertical.     |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |       |     |  |  |             |    |          |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 21039.850                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 40.0              | 1.0                                                                                          |  |            | V-High Horr | PK       | 2.33E-08          | -46.3           | -27.0             | -19.3                  | Ch:52, EUT on side, antenna vertical.     |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |       |     |  |  |             |    |          |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 22000.060                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 15.0              | 1.3                                                                                          |  |            | H-High Horr | PK       | 2.33E-08          | -46.3           | -27.0             | -19.3                  | Ch:100, EUT horizontal, antenna vertical. |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |       |     |  |  |             |    |          |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 21280.230                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 319.0             | 1.2                                                                                          |  |            | V-High Horr | PK       | 1.85E-08          | -47.3           | -27.0             | -20.3                  | Ch:64, EUT on side, antenna vertical.     |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |       |     |  |  |             |    |          |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |
| 22000.080                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                        | 309.0             | 1.0                                                                                          |  |            | V-High Horr | PK       | 1.69E-08          | -47.7           | -27.0             | -20.7                  | Ch:100, EUT vertical, antenna horizontal. |          |              |            |                   |                        |          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                          |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                        |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                       |           |  |  |      |     |  |  |             |    |          |       |       |       |                                           |           |  |  |       |     |  |  |             |    |          |       |       |       |                                       |           |  |  |       |     |  |  |             |    |          |       |       |       |                                           |

|                |                                   |                   |           |
|----------------|-----------------------------------|-------------------|-----------|
| EUT:           | RC12                              | Work Order:       | INMC0575  |
| Serial Number: | R14                               | Date:             | 08/05/10  |
| Customer:      | Intermec Technologies Corporation | Temperature:      | 22.3 °C   |
| Attendees:     | none                              | Humidity:         | 47%       |
| Project:       | None                              | Barometric Pres.: | 1015.8 mb |
| Tested by:     | Dan Haas                          | Power:            | 5VDC      |
|                |                                   | Job Site:         | EV12      |

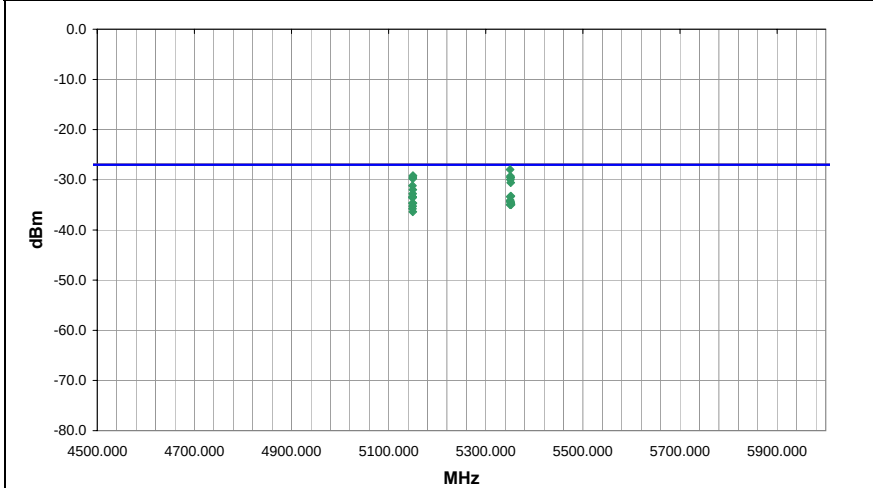
|                     |                  |
|---------------------|------------------|
| TEST SPECIFICATIONS | Test Method      |
| FCC 15.407:2010     | ANSI C63.10:2009 |

|                       |       |                   |   |
|-----------------------|-------|-------------------|---|
| TEST PARAMETERS       |       |                   |   |
| Antenna Height(s) (m) | 1 - 2 | Test Distance (m) | 1 |
| COMMENTS              |       |                   |   |

COMMENTS  
See comments for channel and EUT orientation.

|                               |      |                                                                                                |
|-------------------------------|------|------------------------------------------------------------------------------------------------|
| EUT OPERATING MODES           |      |                                                                                                |
| Continuous Tx, 802.11         |      |                                                                                                |
| DEVIATIONS FROM TEST STANDARD |      |                                                                                                |
| No deviations.                |      |                                                                                                |
| Run #                         | 13   | <br>Signature |
| Configuration #               | 1    |                                                                                                |
| Results                       | Pass |                                                                                                |

Signature 



| Freq (MHz) |  |  | Azimuth (degrees) | Height (meters) |  |  | Polarity | Detector | EIRP (Watts) | EIRP (dBm) | Spec. Limit (dBm) | Compared to Spec. (dB) | Comments                                                 |
|------------|--|--|-------------------|-----------------|--|--|----------|----------|--------------|------------|-------------------|------------------------|----------------------------------------------------------|
| 5350.047   |  |  | 229.0             | 1.0             |  |  | H-Horn   | PK       | 1.60E-06     | -28.0      | -27.0             | -1.0                   | 802.11a 6Mbps, Ch:64, EUT horizontal, antenna vertical.  |
| 5149.993   |  |  | 316.0             | 1.0             |  |  | H-Horn   | PK       | 1.21E-06     | -29.2      | -27.0             | -2.2                   | 802.11a 6Mbps, Ch:36, EUT on side, antenna vertical.     |
| 5350.577   |  |  | 229.0             | 1.0             |  |  | H-Horn   | PK       | 1.18E-06     | -29.3      | -27.0             | -2.3                   | 802.11n MCS0, Ch:64, EUT horizontal, antenna vertical.   |
| 5149.627   |  |  | 238.0             | 1.0             |  |  | H-Horn   | PK       | 1.13E-06     | -29.5      | -27.0             | -2.5                   | 802.11a 6Mbps, Ch:36, EUT horizontal, antenna vertical.  |
| 5350.840   |  |  | 229.0             | 1.0             |  |  | H-Horn   | PK       | 1.10E-06     | -29.6      | -27.0             | -2.6                   | 802.11a 36Mbps, Ch:64, EUT horizontal, antenna vertical. |
| 5351.407   |  |  | 298.0             | 1.0             |  |  | H-Horn   | PK       | 1.10E-06     | -29.6      | -27.0             | -2.6                   | 802.11a 6Mbps, Ch:64, EUT on side, antenna vertical.     |
| 5149.613   |  |  | 316.0             | 1.0             |  |  | H-Horn   | PK       | 1.05E-06     | -29.8      | -27.0             | -2.8                   | 802.11n MCS0, Ch:36, EUT on side, antenna vertical.      |
| 5350.700   |  |  | 284.0             | 1.2             |  |  | V-Horn   | PK       | 1.01E-06     | -30.0      | -27.0             | -3.0                   | 802.11a 6Mbps, Ch:64, EUT vertical, antenna horizontal.  |
| 5351.147   |  |  | 284.0             | 1.2             |  |  | V-Horn   | PK       | 8.77E-07     | -30.6      | -27.0             | -3.6                   | 802.11n MCS0, Ch:64, EUT vertical, antenna horizontal.   |
| 5149.000   |  |  | 190.0             | 1.4             |  |  | V-Horn   | PK       | 7.64E-07     | -31.2      | -27.0             | -4.2                   | 802.11a 6Mbps, Ch:36, EUT horizontal, antenna vertical.  |
| 5149.803   |  |  | 82.0              | 1.0             |  |  | V-Horn   | PK       | 6.35E-07     | -32.0      | -27.0             | -5.0                   | 802.11a 6Mbps, Ch:36, EUT vertical, antenna horizontal.  |
| 5149.207   |  |  | 190.0             | 1.4             |  |  | V-Horn   | PK       | 5.28E-07     | -32.8      | -27.0             | -5.8                   | 802.11n MCS0, Ch:36, EUT horizontal, antenna vertical.   |
| 5351.543   |  |  | 284.0             | 1.2             |  |  | V-Horn   | PK       | 4.71E-07     | -33.3      | -27.0             | -6.3                   | 802.11a 36Mbps, Ch:64, EUT vertical, antenna horizontal. |
| 5149.263   |  |  | 316.0             | 1.0             |  |  | H-Horn   | PK       | 4.60E-07     | -33.4      | -27.0             | -6.4                   | 802.11a 36Mbps, Ch:36, EUT on side, antenna vertical.    |
| 5350.297   |  |  | 229.0             | 1.0             |  |  | H-Horn   | PK       | 4.60E-07     | -33.4      | -27.0             | -6.4                   | 802.11a 54Mbps, Ch:64, EUT horizontal, antenna vertical. |
| 5149.283   |  |  | 316.0             | 1.0             |  |  | H-Horn   | PK       | 4.50E-07     | -33.5      | -27.0             | -6.5                   | 802.11a 54Mbps, Ch:36, EUT on side, antenna vertical.    |
| 5148.983   |  |  | 253.0             | 1.2             |  |  | V-Horn   | PK       | 4.39E-07     | -33.6      | -27.0             | -6.6                   | 802.11a 6Mbps, Ch:36, EUT on side, antenna vertical.     |
| 5350.310   |  |  | 229.0             | 1.0             |  |  | H-Horn   | PK       | 3.92E-07     | -34.1      | -27.0             | -7.1                   | 802.11n MCS7, Ch:64, EUT horizontal, antenna vertical.   |
| 5350.253   |  |  | 284.0             | 1.2             |  |  | V-Horn   | PK       | 3.65E-07     | -34.4      | -27.0             | -7.4                   | 802.11n MCS7, Ch:64, EUT vertical, antenna horizontal.   |
| 5351.247   |  |  | 284.0             | 1.2             |  |  | V-Horn   | PK       | 3.57E-07     | -34.5      | -27.0             | -7.5                   | 802.11a 54Mbps, Ch:64, EUT vertical, antenna horizontal. |

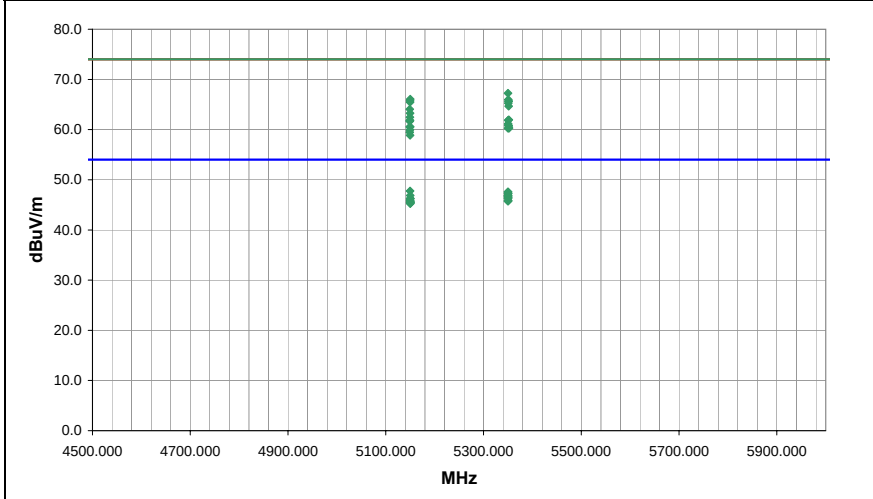
|                |                                   |                   |           |
|----------------|-----------------------------------|-------------------|-----------|
| EUT:           | RC12                              | Work Order:       | INMC0575  |
| Serial Number: | R14                               | Date:             | 08/05/10  |
| Customer:      | Intermec Technologies Corporation | Temperature:      | 22.3 °C   |
| Attendees:     | none                              | Humidity:         | 47%       |
| Project:       | None                              | Barometric Pres.: | 1015.8 mb |
| Tested by:     | Dan Haas                          | Power:            | 5VDC      |
|                |                                   | Job Site:         | EV12      |

|                     |                  |
|---------------------|------------------|
| TEST SPECIFICATIONS | Test Method      |
| FCC 15.209:2010     | ANSI C63.10:2009 |

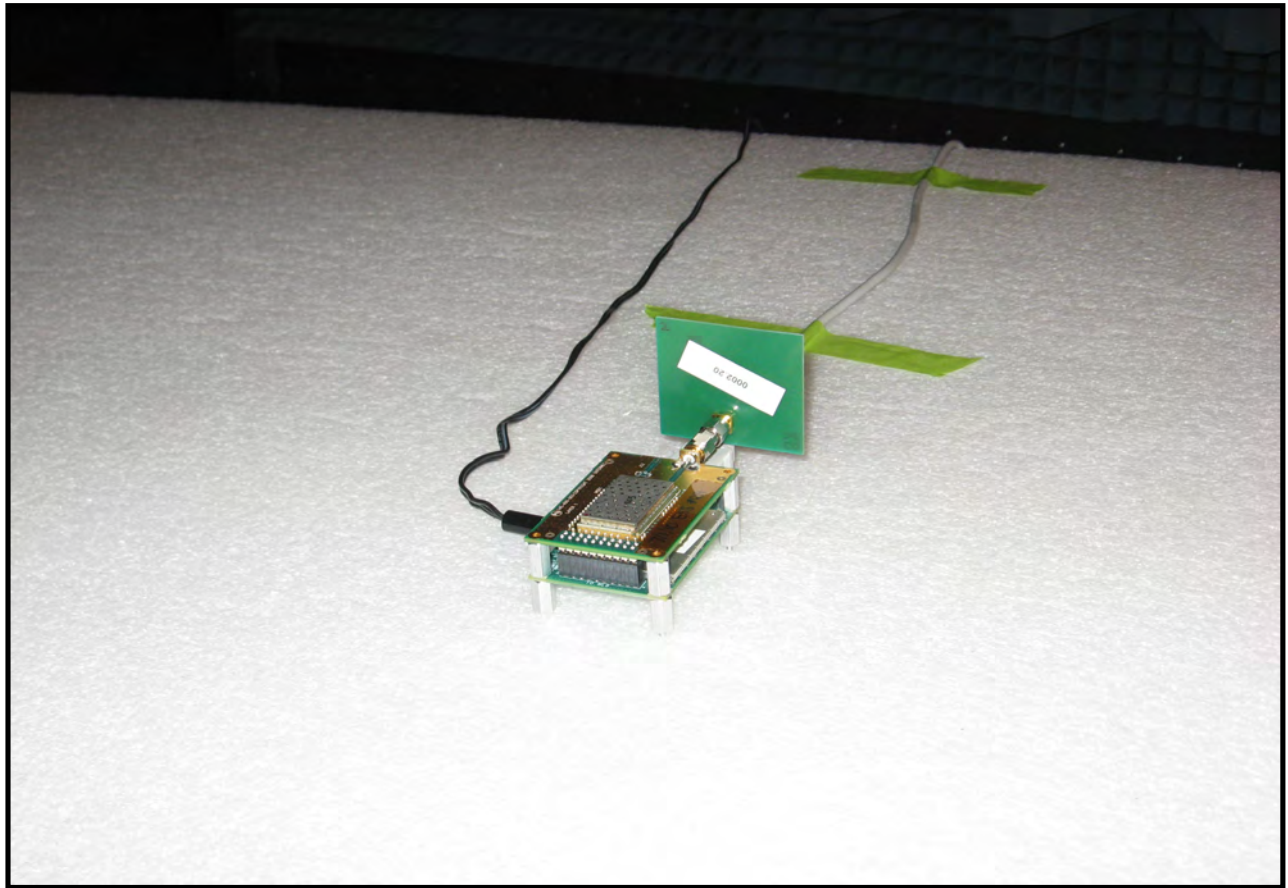
| TEST PARAMETERS       |       |                   |   |
|-----------------------|-------|-------------------|---|
| Antenna Height(s) (m) | 1 - 2 | Test Distance (m) | 1 |

|                                               |
|-----------------------------------------------|
| COMMENTS                                      |
| See comments for channel and EUT orientation. |

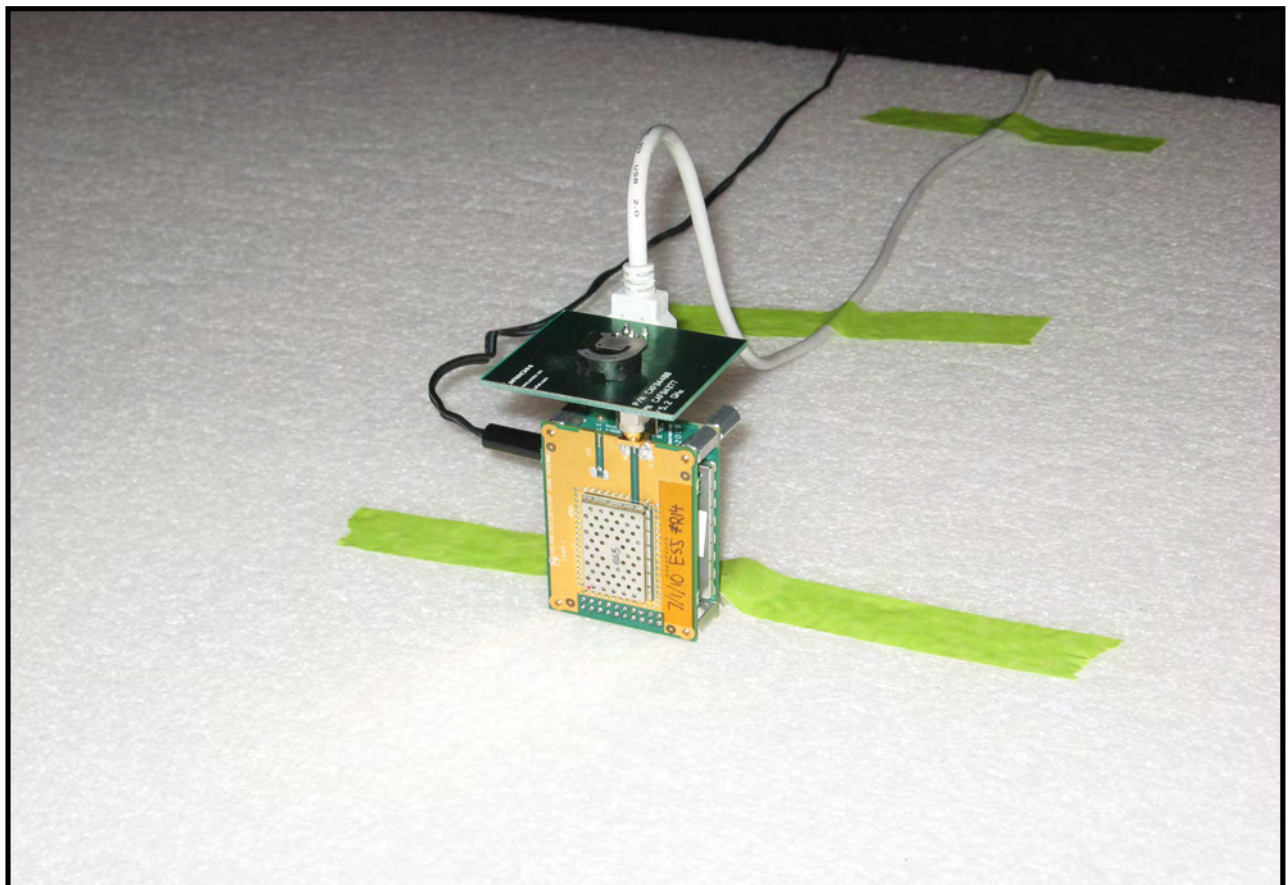
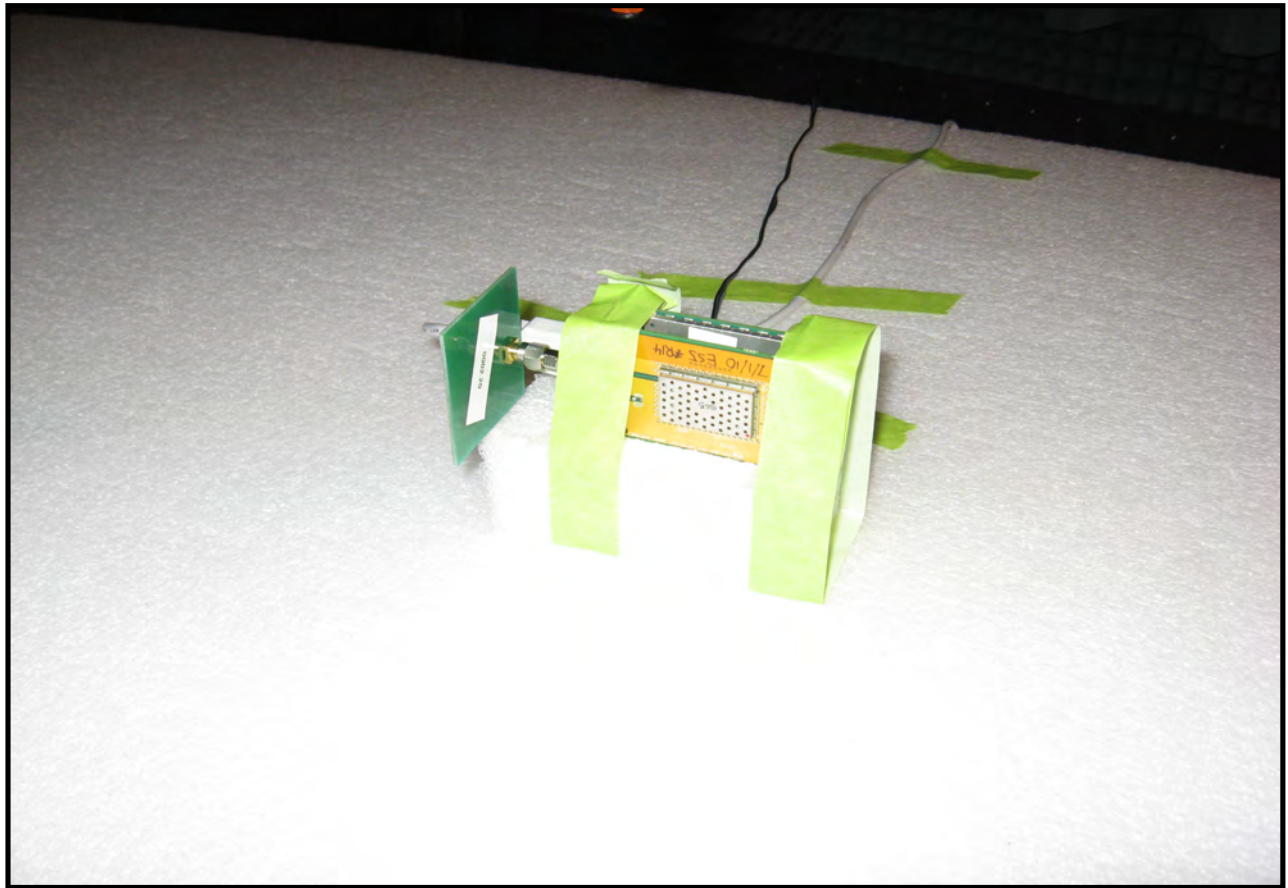
|                               |      |                                                                                                        |
|-------------------------------|------|--------------------------------------------------------------------------------------------------------|
| EUT OPERATING MODES           |      |                                                                                                        |
| Continuous Tx, 802.11         |      |                                                                                                        |
| DEVIATIONS FROM TEST STANDARD |      |                                                                                                        |
| No deviations.                |      |                                                                                                        |
| Run #                         | 13   | <div>Signature </div> |
| Configuration #               | 1    |                                                                                                        |
| Results                       | Pass |                                                                                                        |



| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Azimuth (degrees) | Height (meters) | Distance (meters) | External Attenuation (dB) | Polarity | Detector | Distance Adjustment (dB) | Adjusted dBuV/m | Spec. Limit dBuV/m | Compared to Spec. (dB) | Comments                                                 |
|------------|------------------|-------------|-------------------|-----------------|-------------------|---------------------------|----------|----------|--------------------------|-----------------|--------------------|------------------------|----------------------------------------------------------|
| 5149.790   | 21.0             | 36.3        | 316.0             | 1.0             | 1.0               | 0.0                       | H-Horn   | AV       | -9.5                     | 47.8            | 54.0               | -6.2                   | 802.11n MCS0, Ch:36, EUT on side, antenna vertical.      |
| 5350.023   | 20.4             | 36.7        | 229.0             | 1.0             | 1.0               | 0.0                       | H-Horn   | AV       | -9.5                     | 47.6            | 54.0               | -6.4                   | 802.11n MCS0, Ch:64, EUT horizontal, antenna vertical.   |
| 5350.137   | 20.4             | 36.7        | 229.0             | 1.0             | 1.0               | 0.0                       | H-Horn   | AV       | -9.5                     | 47.6            | 54.0               | -6.4                   | 802.11a 6Mbps, Ch:64, EUT horizontal, antenna vertical.  |
| 5350.043   | 20.1             | 36.7        | 229.0             | 1.0             | 1.0               | 0.0                       | H-Horn   | AV       | -9.5                     | 47.3            | 54.0               | -6.7                   | 802.11a 36Mbps, Ch:64, EUT horizontal, antenna vertical. |
| 5350.323   | 20.1             | 36.7        | 229.0             | 1.0             | 1.0               | 0.0                       | H-Horn   | AV       | -9.5                     | 47.3            | 54.0               | -6.7                   | 802.11a 54Mbps, Ch:64, EUT horizontal, antenna vertical. |
| 5350.047   | 40.1             | 36.7        | 229.0             | 1.0             | 1.0               | 0.0                       | H-Horn   | PK       | -9.5                     | 67.3            | 74.0               | -6.7                   | 802.11a 6Mbps, Ch:64, EUT horizontal, antenna vertical.  |
| 5149.987   | 20.1             | 36.3        | 238.0             | 1.0             | 1.0               | 0.0                       | H-Horn   | AV       | -9.5                     | 46.9            | 54.0               | -7.1                   | 802.11a 6Mbps, Ch:36, EUT horizontal, antenna vertical.  |
| 5350.093   | 19.7             | 36.7        | 298.0             | 1.0             | 1.0               | 0.0                       | H-Horn   | AV       | -9.5                     | 46.9            | 54.0               | -7.1                   | 802.11a 6Mbps, Ch:64, EUT on side, antenna vertical.     |
| 5350.150   | 19.7             | 36.7        | 229.0             | 1.0             | 1.0               | 0.0                       | H-Horn   | AV       | -9.5                     | 46.9            | 54.0               | -7.1                   | 802.11n MCS7, Ch:64, EUT horizontal, antenna vertical.   |
| 5350.007   | 19.6             | 36.7        | 284.0             | 1.2             | 1.0               | 0.0                       | V-Horn   | AV       | -9.5                     | 46.8            | 54.0               | -7.2                   | 802.11n MCS0, Ch:64, EUT vertical, antenna horizontal.   |
| 5350.057   | 19.5             | 36.7        | 284.0             | 1.2             | 1.0               | 0.0                       | V-Horn   | AV       | -9.5                     | 46.7            | 54.0               | -7.3                   | 802.11a 6Mbps, Ch:64, EUT vertical, antenna horizontal.  |
| 5350.373   | 19.3             | 36.7        | 284.0             | 1.2             | 1.0               | 0.0                       | V-Horn   | AV       | -9.5                     | 46.5            | 54.0               | -7.5                   | 802.11a 36Mbps, Ch:64, EUT vertical, antenna horizontal. |
| 5350.017   | 19.2             | 36.7        | 284.0             | 1.2             | 1.0               | 0.0                       | V-Horn   | AV       | -9.5                     | 46.4            | 54.0               | -7.6                   | 802.11a 54Mbps, Ch:64, EUT vertical, antenna horizontal. |
| 5149.923   | 19.5             | 36.3        | 316.0             | 1.0             | 1.0               | 0.0                       | H-Horn   | AV       | -9.5                     | 46.3            | 54.0               | -7.7                   | 802.11a 36Mbps, Ch:36, EUT on side, antenna vertical.    |
| 5149.997   | 19.5             | 36.3        | 316.0             | 1.0             | 1.0               | 0.0                       | H-Horn   | AV       | -9.5                     | 46.3            | 54.0               | -7.7                   | 802.11a 6Mbps, Ch:36, EUT on side, antenna vertical.     |
| 5350.103   | 19.1             | 36.7        | 284.0             | 1.2             | 1.0               | 0.0                       | V-Horn   | AV       | -9.5                     | 46.3            | 54.0               | -7.7                   | 802.11n MCS7, Ch:64, EUT vertical, antenna horizontal.   |
| 5149.800   | 19.4             | 36.3        | 316.0             | 1.0             | 1.0               | 0.0                       | H-Horn   | AV       | -9.5                     | 46.2            | 54.0               | -7.8                   | 802.11a 54Mbps, Ch:36, EUT on side, antenna vertical.    |
| 5149.993   | 39.3             | 36.3        | 316.0             | 1.0             | 1.0               | 0.0                       | H-Horn   | PK       | -9.5                     | 66.1            | 74.0               | -7.9                   | 802.11a 6Mbps, Ch:36, EUT on side, antenna vertical.     |
| 5350.577   | 38.8             | 36.7        | 229.0             | 1.0             | 1.0               | 0.0                       | H-Horn   | PK       | -9.5                     | 66.0            | 74.0               | -8.0                   | 802.11n MCS0, Ch:64, EUT horizontal, antenna vertical.   |
| 5149.757   | 19.1             | 36.3        | 316.0             | 1.0             | 1.0               | 0.0                       | H-Horn   | AV       | -9.5                     | 45.9            | 54.0               | -8.1                   | 802.11n MCS7, Ch:36, EUT on side, antenna vertical.      |









Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

**MODES OF OPERATION**

|                                                   |
|---------------------------------------------------|
| Transmitting. 802.11(a), 6 Mbps, High Channel 140 |
| Transmitting. 802.11(a), 6 Mbps, Mid Channel 116  |
| Transmitting. 802.11(a), 6 Mbps, Low Channel 100  |
| Transmitting. 802.11(a), 6 Mbps, High Channel 64  |
| Transmitting. 802.11(a), 6 Mbps, Low Channel 52   |
| Transmitting. 802.11(a), 6 Mbps, High Channel 48  |
| Transmitting. 802.11(a), 6 Mbps, Low Channel 36   |

**POWER SETTINGS INVESTIGATED**

3.3 VDC from 120VAC

**CONFIGURATIONS INVESTIGATED**

INMC0575 - 3

**SAMPLE CALCULATIONS**

Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

**TEST EQUIPMENT**

| Description      | Manufacturer    | Model            | ID  | Last Cal. | Interval |
|------------------|-----------------|------------------|-----|-----------|----------|
| Receiver         | Rohde & Schwarz | ESCI             | ARE | 4/29/2010 | 12 mo    |
| High Pass Filter | TTE             | H97-100K-50-720B | HFX | 2/16/2010 | 13 mo    |
| Attenuator       | Coaxicom        | 66702 2910-20    | ATO | 7/21/2009 | 13 mo    |
| EV07 Cables      | N/A             | Conducted Cables | EVG | 6/21/2010 | 13 mo    |
| LISN             | Solar           | 9252-50-R-24-BNC | LIN | 5/27/2010 | 12 mo    |
| LISN             | Solar           | 9252-50-R-24-BNC | LIR | 3/2/2010  | 12 mo    |

**MEASUREMENT BANDWIDTHS**

|  | Frequency Range | Peak Data | Quasi-Peak Data | Average Data |
|--|-----------------|-----------|-----------------|--------------|
|  | (MHz)           | (kHz)     | (kHz)           | (kHz)        |
|  | 0.01 - 0.15     | 1.0       | 0.2             | 0.2          |
|  | 0.15 - 30.0     | 10.0      | 9.0             | 9.0          |
|  | 30.0 - 1000     | 100.0     | 120.0           | 120.0        |
|  | Above 1000      | 1000.0    | N/A             | 1000.0       |

Measurements were made using the bandwidths and detectors specified. No video filter was used.

**MEASUREMENT UNCERTAINTY**

A measurement uncertainty estimation has been performed for each test per our internal quality document WP 342. The estimation is used to compare the measured result with its "true" or theoretically correct value. The expanded measurement uncertainty for radiated emissions measurements is less than +/- 4 dB, and for conducted emissions measurements is less than +/- 2.7 dB. Our measurement data meets or exceeds the measurement uncertainty requirements of CISPR 16-4; therefore, the test data can be compared directly to the specification limit to determine compliance. The calculations for measurement uncertainty are available upon request.

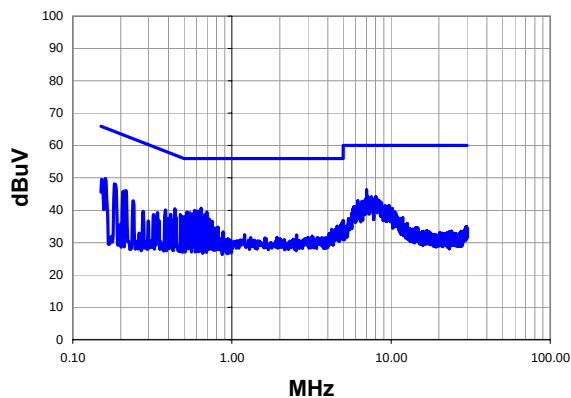
**TEST DESCRIPTION**

The EUT will be powered indirectly from the AC power line while operating in a host device. Therefore, conducted emissions measurements were made on the DC input of the EUT, or on the DC input of the device used to power the EUT. The AC power line conducted emissions were measured on a linear power supply providing DC power to the module while providing no filtering of the power inputs to the module.

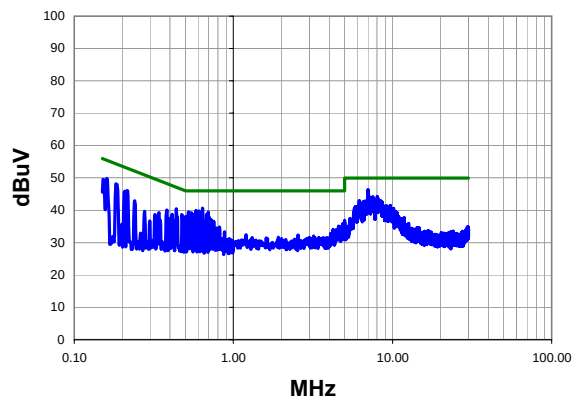
The AC power line conducted emissions were measured with the EUT operating at the lowest, the highest, and a middle channel in the operational band or bands. The EUT was transmitting in the mode which has the highest output power for the band. For each mode, the spectrum was scanned from 150 kHz to 30 MHz. The test setup and procedures were in accordance with ANSI C63.10-2009.

|                                               |                                                                       |                          |                                        |                                |                     |
|-----------------------------------------------|-----------------------------------------------------------------------|--------------------------|----------------------------------------|--------------------------------|---------------------|
| <b>Work Order:</b>                            | INMC0575                                                              | <b>Date:</b>             | 08/11/10                               | <i>Roddy to Roddy</i>          |                     |
| <b>Project:</b>                               | None                                                                  | <b>Temperature:</b>      | 22 °C                                  |                                |                     |
| <b>Job Site:</b>                              | EV07                                                                  | <b>Humidity:</b>         | 53                                     |                                |                     |
| <b>Serial Number:</b>                         | R11                                                                   | <b>Barometric Pres.:</b> | 1014.8 mb                              | <b>Tested by:</b> Rod Peloquin |                     |
| <b>EUT:</b>                                   | RC12                                                                  |                          |                                        |                                |                     |
| <b>Configuration:</b>                         | 3 - AC Power Conducted Emissions                                      |                          |                                        |                                |                     |
| <b>Customer:</b>                              | Intermec Technologies Corporation                                     |                          |                                        |                                |                     |
| <b>Attendees:</b>                             | none                                                                  |                          |                                        |                                |                     |
| <b>EUT Power:</b>                             | 3.3 VDC from 120VAC                                                   |                          |                                        |                                |                     |
| <b>Operating Mode:</b>                        | Transmitting. 802.11(a), 6 Mbps, 5150 - 5250 MHz Band, Low Channel 36 |                          |                                        |                                |                     |
| <b>Deviations:</b>                            | No deviations.                                                        |                          |                                        |                                |                     |
| <b>Comments:</b>                              | Linear lab power supply                                               |                          |                                        |                                |                     |
| <b>Test Specifications</b><br>FCC 15.207:2010 |                                                                       |                          | <b>Test Method</b><br>ANSI C63.10:2009 |                                |                     |
| <b>Run #</b>                                  | 13                                                                    | <b>Line:</b>             | High Line                              | <b>Ext. Attenuation:</b> 20    | <b>Results</b> Pass |

Peak Data - vs - Quasi Peak Limit



Peak Data - vs - Average Limit



Peak Data - vs - Quasi Peak Limit

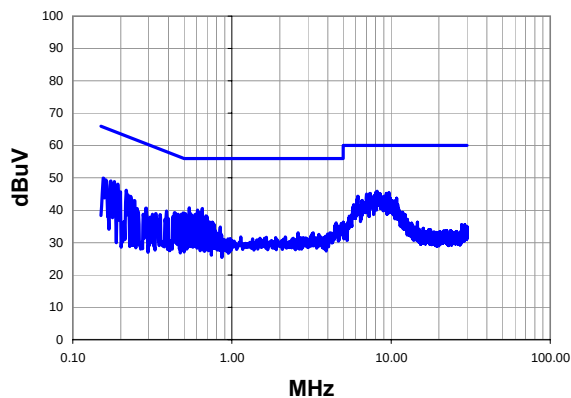
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.010      | 25.9             | 20.4        | 46.3            | 60.0               | -13.7                  |
| 0.641      | 20.5             | 20.2        | 40.7            | 56.0               | -15.3                  |
| 0.160      | 29.7             | 20.2        | 49.9            | 65.5               | -15.6                  |
| 8.020      | 23.8             | 20.4        | 44.2            | 60.0               | -15.8                  |
| 7.500      | 23.8             | 20.4        | 44.2            | 60.0               | -15.8                  |
| 0.584      | 19.8             | 20.2        | 40.0            | 56.0               | -16.0                  |
| 0.609      | 19.6             | 20.2        | 39.8            | 56.0               | -16.2                  |
| 0.182      | 28.0             | 20.2        | 48.2            | 64.4               | -16.2                  |
| 0.152      | 29.4             | 20.2        | 49.6            | 65.9               | -16.3                  |
| 8.160      | 23.1             | 20.4        | 43.5            | 60.0               | -16.5                  |
| 0.522      | 19.3             | 20.2        | 39.5            | 56.0               | -16.5                  |
| 0.696      | 19.3             | 20.2        | 39.5            | 56.0               | -16.5                  |
| 0.437      | 20.3             | 20.2        | 40.5            | 57.1               | -16.6                  |
| 7.850      | 22.9             | 20.4        | 43.3            | 60.0               | -16.7                  |
| 0.538      | 19.0             | 20.2        | 39.2            | 56.0               | -16.8                  |
| 0.546      | 19.0             | 20.2        | 39.2            | 56.0               | -16.8                  |
| 0.575      | 18.9             | 20.2        | 39.1            | 56.0               | -16.9                  |
| 0.215      | 25.9             | 20.2        | 46.1            | 63.0               | -17.0                  |
| 8.340      | 22.6             | 20.4        | 43.0            | 60.0               | -17.0                  |
| 6.180      | 22.7             | 20.3        | 43.0            | 60.0               | -17.0                  |

Peak Data - vs - Average Limit

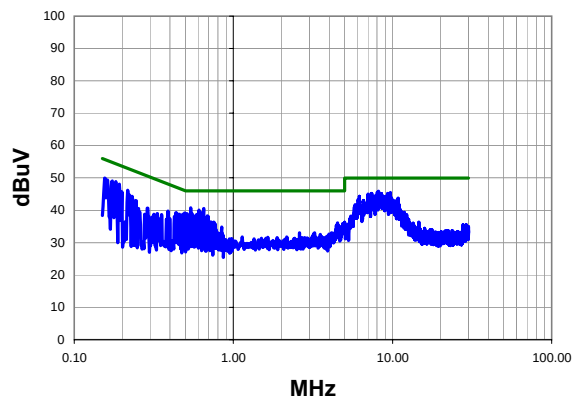
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.010      | 25.9             | 20.4        | 46.3            | 50.0               | -3.7                   |
| 0.641      | 20.5             | 20.2        | 40.7            | 46.0               | -5.3                   |
| 0.160      | 29.7             | 20.2        | 49.9            | 55.5               | -5.6                   |
| 8.020      | 23.8             | 20.4        | 44.2            | 50.0               | -5.8                   |
| 7.500      | 23.8             | 20.4        | 44.2            | 50.0               | -5.8                   |
| 0.584      | 19.8             | 20.2        | 40.0            | 46.0               | -6.0                   |
| 0.609      | 19.6             | 20.2        | 39.8            | 46.0               | -6.2                   |
| 0.182      | 28.0             | 20.2        | 48.2            | 54.4               | -6.2                   |
| 0.152      | 29.4             | 20.2        | 49.6            | 55.9               | -6.3                   |
| 8.160      | 23.1             | 20.4        | 43.5            | 50.0               | -6.5                   |
| 0.522      | 19.3             | 20.2        | 39.5            | 46.0               | -6.5                   |
| 0.696      | 19.3             | 20.2        | 39.5            | 46.0               | -6.5                   |
| 0.437      | 20.3             | 20.2        | 40.5            | 47.1               | -6.6                   |
| 7.850      | 22.9             | 20.4        | 43.3            | 50.0               | -6.7                   |
| 0.538      | 19.0             | 20.2        | 39.2            | 46.0               | -6.8                   |
| 0.546      | 19.0             | 20.2        | 39.2            | 46.0               | -6.8                   |
| 0.575      | 18.9             | 20.2        | 39.1            | 46.0               | -6.9                   |
| 0.215      | 25.9             | 20.2        | 46.1            | 53.0               | -7.0                   |
| 8.340      | 22.6             | 20.4        | 43.0            | 50.0               | -7.0                   |
| 6.180      | 22.7             | 20.3        | 43.0            | 50.0               | -7.0                   |

|                                               |                                                                       |                          |                                        |                          |              |
|-----------------------------------------------|-----------------------------------------------------------------------|--------------------------|----------------------------------------|--------------------------|--------------|
| <b>Work Order:</b>                            | INMC0575                                                              | <b>Date:</b>             | 08/11/10                               | <i>Roddy in Pelouin</i>  |              |
| <b>Project:</b>                               | None                                                                  | <b>Temperature:</b>      | 22 °C                                  |                          |              |
| <b>Job Site:</b>                              | EV07                                                                  | <b>Humidity:</b>         | 53                                     |                          |              |
| <b>Serial Number:</b>                         | R11                                                                   | <b>Barometric Pres.:</b> | 1014.8 mb                              | <b>Tested by:</b>        | Rod Peloquin |
| <b>EUT:</b>                                   | RC12                                                                  |                          |                                        |                          |              |
| <b>Configuration:</b>                         | 3 - AC Power Conducted Emissions                                      |                          |                                        |                          |              |
| <b>Customer:</b>                              | Intermec Technologies Corporation                                     |                          |                                        |                          |              |
| <b>Attendees:</b>                             | none                                                                  |                          |                                        |                          |              |
| <b>EUT Power:</b>                             | 3.3 VDC from 120VAC                                                   |                          |                                        |                          |              |
| <b>Operating Mode:</b>                        | Transmitting. 802.11(a), 6 Mbps, 5150 - 5250 MHz Band, Low Channel 36 |                          |                                        |                          |              |
| <b>Deviations:</b>                            | No deviations.                                                        |                          |                                        |                          |              |
| <b>Comments:</b>                              | Linear lab power supply                                               |                          |                                        |                          |              |
| <b>Test Specifications</b><br>FCC 15.207:2010 |                                                                       |                          | <b>Test Method</b><br>ANSI C63.10:2009 |                          |              |
| <b>Run #</b>                                  | 14                                                                    | <b>Line:</b>             | Neutral                                | <b>Ext. Attenuation:</b> | 20           |
|                                               |                                                                       |                          |                                        | <b>Results</b>           | Pass         |

Peak Data - vs - Quasi Peak Limit



Peak Data - vs - Average Limit



Peak Data - vs - Quasi Peak Limit

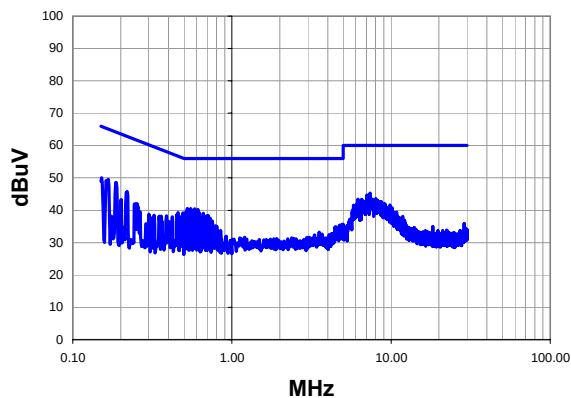
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 8.180      | 25.5             | 20.4        | 45.9            | 60.0               | -14.1                  |
| 8.030      | 25.2             | 20.4        | 45.6            | 60.0               | -14.4                  |
| 9.680      | 25.1             | 20.4        | 45.5            | 60.0               | -14.5                  |
| 9.340      | 24.8             | 20.4        | 45.2            | 60.0               | -14.8                  |
| 7.400      | 24.8             | 20.4        | 45.2            | 60.0               | -14.8                  |
| 7.360      | 24.8             | 20.4        | 45.2            | 60.0               | -14.8                  |
| 8.480      | 24.7             | 20.4        | 45.1            | 60.0               | -14.9                  |
| 7.000      | 24.6             | 20.4        | 45.0            | 60.0               | -15.0                  |
| 0.539      | 20.6             | 20.2        | 40.8            | 56.0               | -15.2                  |
| 7.820      | 24.2             | 20.4        | 44.6            | 60.0               | -15.4                  |
| 0.652      | 20.4             | 20.2        | 40.6            | 56.0               | -15.4                  |
| 7.150      | 24.1             | 20.4        | 44.5            | 60.0               | -15.5                  |
| 0.182      | 28.7             | 20.2        | 48.9            | 64.4               | -15.5                  |
| 9.050      | 23.9             | 20.4        | 44.3            | 60.0               | -15.7                  |
| 8.690      | 23.9             | 20.4        | 44.3            | 60.0               | -15.7                  |
| 0.174      | 28.9             | 20.2        | 49.1            | 64.8               | -15.7                  |
| 6.190      | 24.0             | 20.3        | 44.3            | 60.0               | -15.7                  |
| 0.155      | 29.8             | 20.2        | 50.0            | 65.7               | -15.8                  |
| 0.193      | 27.9             | 20.2        | 48.1            | 63.9               | -15.9                  |
| 0.607      | 19.9             | 20.2        | 40.1            | 56.0               | -15.9                  |

Peak Data - vs - Average Limit

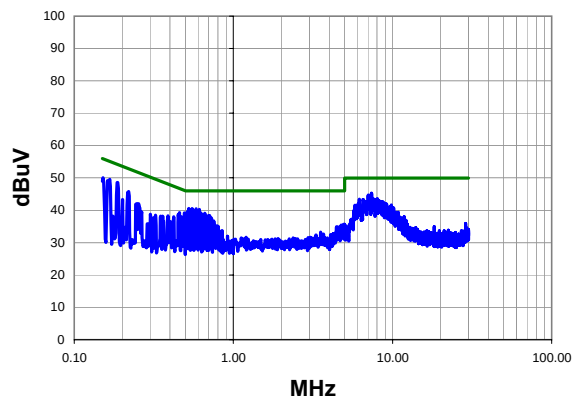
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 8.180      | 25.5             | 20.4        | 45.9            | 50.0               | -4.1                   |
| 8.030      | 25.2             | 20.4        | 45.6            | 50.0               | -4.4                   |
| 9.680      | 25.1             | 20.4        | 45.5            | 50.0               | -4.5                   |
| 9.340      | 24.8             | 20.4        | 45.2            | 50.0               | -4.8                   |
| 7.400      | 24.8             | 20.4        | 45.2            | 50.0               | -4.8                   |
| 7.360      | 24.8             | 20.4        | 45.2            | 50.0               | -4.8                   |
| 8.480      | 24.7             | 20.4        | 45.1            | 50.0               | -4.9                   |
| 7.000      | 24.6             | 20.4        | 45.0            | 50.0               | -5.0                   |
| 0.539      | 20.6             | 20.2        | 40.8            | 46.0               | -5.2                   |
| 7.820      | 24.2             | 20.4        | 44.6            | 50.0               | -5.4                   |
| 0.652      | 20.4             | 20.2        | 40.6            | 46.0               | -5.4                   |
| 7.150      | 24.1             | 20.4        | 44.5            | 50.0               | -5.5                   |
| 0.182      | 28.7             | 20.2        | 48.9            | 54.4               | -5.5                   |
| 9.050      | 23.9             | 20.4        | 44.3            | 50.0               | -5.7                   |
| 8.690      | 23.9             | 20.4        | 44.3            | 50.0               | -5.7                   |
| 0.174      | 28.9             | 20.2        | 49.1            | 54.8               | -5.7                   |
| 6.190      | 24.0             | 20.3        | 44.3            | 50.0               | -5.7                   |
| 0.155      | 29.8             | 20.2        | 50.0            | 55.7               | -5.8                   |
| 0.193      | 27.9             | 20.2        | 48.1            | 53.9               | -5.9                   |
| 0.607      | 19.9             | 20.2        | 40.1            | 46.0               | -5.9                   |

|                                               |                                                                        |                          |                                        |                                |    |                |      |
|-----------------------------------------------|------------------------------------------------------------------------|--------------------------|----------------------------------------|--------------------------------|----|----------------|------|
| <b>Work Order:</b>                            | INMC0575                                                               | <b>Date:</b>             | 08/11/10                               | <i>Roddy in Relays</i>         |    |                |      |
| <b>Project:</b>                               | None                                                                   | <b>Temperature:</b>      | 22 °C                                  |                                |    |                |      |
| <b>Job Site:</b>                              | EV07                                                                   | <b>Humidity:</b>         | 53                                     |                                |    |                |      |
| <b>Serial Number:</b>                         | R11                                                                    | <b>Barometric Pres.:</b> | 1014.8 mb                              | <b>Tested by:</b> Rod Peloquin |    |                |      |
| <b>EUT:</b>                                   | RC12                                                                   |                          |                                        |                                |    |                |      |
| <b>Configuration:</b>                         | 3 - AC Power Conducted Emissions                                       |                          |                                        |                                |    |                |      |
| <b>Customer:</b>                              | Intermec Technologies Corporation                                      |                          |                                        |                                |    |                |      |
| <b>Attendees:</b>                             | none                                                                   |                          |                                        |                                |    |                |      |
| <b>EUT Power:</b>                             | 3.3 VDC from 120VAC                                                    |                          |                                        |                                |    |                |      |
| <b>Operating Mode:</b>                        | Transmitting. 802.11(a), 6 Mbps, 5150 - 5250 MHz Band, High Channel 48 |                          |                                        |                                |    |                |      |
| <b>Deviations:</b>                            | No deviations.                                                         |                          |                                        |                                |    |                |      |
| <b>Comments:</b>                              | Linear lab power supply                                                |                          |                                        |                                |    |                |      |
| <b>Test Specifications</b><br>FCC 15.207:2010 |                                                                        |                          | <b>Test Method</b><br>ANSI C63.10:2009 |                                |    |                |      |
| <b>Run #</b>                                  | 15                                                                     | <b>Line:</b>             | High Line                              | <b>Ext. Attenuation:</b>       | 20 | <b>Results</b> | Pass |

Peak Data - vs - Quasi Peak Limit



Peak Data - vs - Average Limit



Peak Data - vs - Quasi Peak Limit

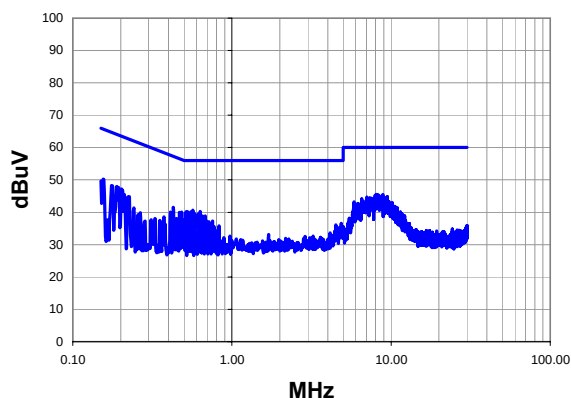
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.370      | 24.9             | 20.4        | 45.3            | 60.0               | -14.7                  |
| 7.040      | 24.3             | 20.4        | 44.7            | 60.0               | -15.3                  |
| 0.526      | 20.4             | 20.2        | 40.6            | 56.0               | -15.4                  |
| 0.551      | 20.3             | 20.2        | 40.5            | 56.0               | -15.5                  |
| 0.584      | 20.3             | 20.2        | 40.5            | 56.0               | -15.5                  |
| 0.167      | 29.4             | 20.2        | 49.6            | 65.1               | -15.5                  |
| 0.186      | 28.4             | 20.2        | 48.6            | 64.2               | -15.7                  |
| 0.611      | 20.1             | 20.2        | 40.3            | 56.0               | -15.7                  |
| 0.152      | 29.9             | 20.2        | 50.1            | 65.9               | -15.8                  |
| 0.561      | 19.8             | 20.2        | 40.0            | 56.0               | -16.0                  |
| 0.517      | 19.6             | 20.2        | 39.8            | 56.0               | -16.2                  |
| 0.590      | 19.5             | 20.2        | 39.7            | 56.0               | -16.3                  |
| 8.030      | 23.2             | 20.4        | 43.6            | 60.0               | -16.4                  |
| 6.180      | 23.1             | 20.3        | 43.4            | 60.0               | -16.6                  |
| 6.520      | 23.0             | 20.3        | 43.3            | 60.0               | -16.7                  |
| 0.626      | 19.0             | 20.2        | 39.2            | 56.0               | -16.8                  |
| 7.890      | 22.7             | 20.4        | 43.1            | 60.0               | -16.9                  |
| 0.662      | 18.9             | 20.2        | 39.1            | 56.0               | -16.9                  |
| 0.493      | 19.0             | 20.2        | 39.2            | 56.1               | -16.9                  |
| 8.210      | 22.6             | 20.4        | 43.0            | 60.0               | -17.0                  |

Peak Data - vs - Average Limit

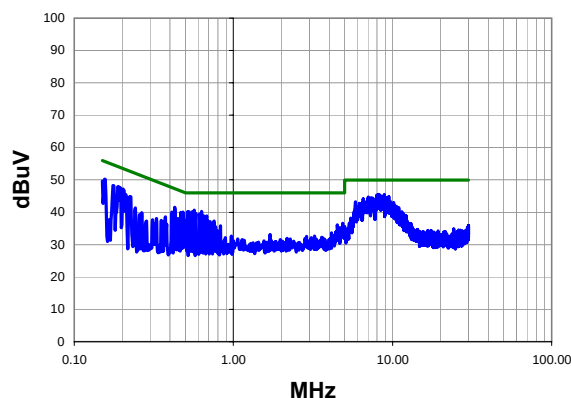
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.370      | 24.9             | 20.4        | 45.3            | 50.0               | -4.7                   |
| 7.040      | 24.3             | 20.4        | 44.7            | 50.0               | -5.3                   |
| 0.526      | 20.4             | 20.2        | 40.6            | 46.0               | -5.4                   |
| 0.551      | 20.3             | 20.2        | 40.5            | 46.0               | -5.5                   |
| 0.584      | 20.3             | 20.2        | 40.5            | 46.0               | -5.5                   |
| 0.167      | 29.4             | 20.2        | 49.6            | 55.1               | -5.5                   |
| 0.186      | 28.4             | 20.2        | 48.6            | 54.2               | -5.7                   |
| 0.611      | 20.1             | 20.2        | 40.3            | 46.0               | -5.7                   |
| 0.152      | 29.9             | 20.2        | 50.1            | 55.9               | -5.8                   |
| 0.561      | 19.8             | 20.2        | 40.0            | 46.0               | -6.0                   |
| 0.517      | 19.6             | 20.2        | 39.8            | 46.0               | -6.2                   |
| 0.590      | 19.5             | 20.2        | 39.7            | 46.0               | -6.3                   |
| 8.030      | 23.2             | 20.4        | 43.6            | 50.0               | -6.4                   |
| 6.180      | 23.1             | 20.3        | 43.4            | 50.0               | -6.6                   |
| 6.520      | 23.0             | 20.3        | 43.3            | 50.0               | -6.7                   |
| 0.626      | 19.0             | 20.2        | 39.2            | 46.0               | -6.8                   |
| 7.890      | 22.7             | 20.4        | 43.1            | 50.0               | -6.9                   |
| 0.662      | 18.9             | 20.2        | 39.1            | 46.0               | -6.9                   |
| 0.493      | 19.0             | 20.2        | 39.2            | 46.1               | -6.9                   |
| 8.210      | 22.6             | 20.4        | 43.0            | 50.0               | -7.0                   |

|                                               |                                                                        |                          |                                        |                                                                                     |    |                |      |
|-----------------------------------------------|------------------------------------------------------------------------|--------------------------|----------------------------------------|-------------------------------------------------------------------------------------|----|----------------|------|
| <b>Work Order:</b>                            | INMC0575                                                               | <b>Date:</b>             | 08/11/10                               |  |    |                |      |
| <b>Project:</b>                               | None                                                                   | <b>Temperature:</b>      | 22 °C                                  |                                                                                     |    |                |      |
| <b>Job Site:</b>                              | EV07                                                                   | <b>Humidity:</b>         | 53                                     |                                                                                     |    |                |      |
| <b>Serial Number:</b>                         | R11                                                                    | <b>Barometric Pres.:</b> | 1014.8 mb                              |                                                                                     |    |                |      |
| <b>EUT:</b>                                   | RC12                                                                   |                          |                                        |                                                                                     |    |                |      |
| <b>Configuration:</b>                         | 3 - AC Power Conducted Emissions                                       |                          |                                        |                                                                                     |    |                |      |
| <b>Customer:</b>                              | Intermec Technologies Corporation                                      |                          |                                        |                                                                                     |    |                |      |
| <b>Attendees:</b>                             | none                                                                   |                          |                                        |                                                                                     |    |                |      |
| <b>EUT Power:</b>                             | 3.3 VDC from 120VAC                                                    |                          |                                        |                                                                                     |    |                |      |
| <b>Operating Mode:</b>                        | Transmitting. 802.11(a), 6 Mbps, 5150 - 5250 MHz Band, High Channel 48 |                          |                                        |                                                                                     |    |                |      |
| <b>Deviations:</b>                            | No deviations.                                                         |                          |                                        |                                                                                     |    |                |      |
| <b>Comments:</b>                              | Linear lab power supply                                                |                          |                                        |                                                                                     |    |                |      |
| <b>Test Specifications</b><br>FCC 15.207:2010 |                                                                        |                          | <b>Test Method</b><br>ANSI C63.10:2009 |                                                                                     |    |                |      |
| <b>Run #</b>                                  | 16                                                                     | <b>Line:</b>             | Neutral                                | <b>Ext. Attenuation:</b>                                                            | 20 | <b>Results</b> | Pass |

Peak Data - vs - Quasi Peak Limit



Peak Data - vs - Average Limit

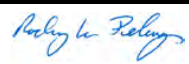


Peak Data - vs - Quasi Peak Limit

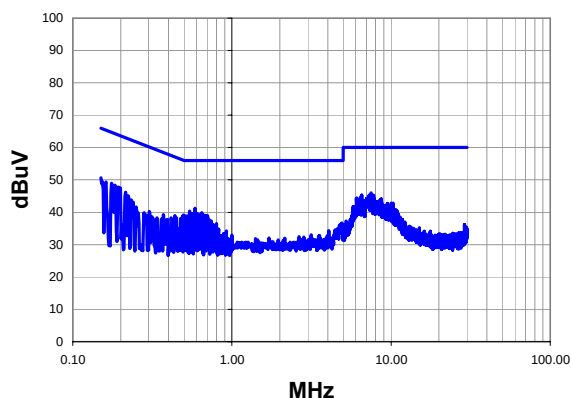
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 8.860      | 25.1             | 20.4        | 45.5            | 60.0               | -14.5                  |
| 8.140      | 25.1             | 20.4        | 45.5            | 60.0               | -14.5                  |
| 8.270      | 25.0             | 20.4        | 45.4            | 60.0               | -14.6                  |
| 7.930      | 24.9             | 20.4        | 45.3            | 60.0               | -14.7                  |
| 8.490      | 24.6             | 20.4        | 45.0            | 60.0               | -15.0                  |
| 9.470      | 24.4             | 20.4        | 44.8            | 60.0               | -15.2                  |
| 7.030      | 24.3             | 20.4        | 44.7            | 60.0               | -15.3                  |
| 0.568      | 20.5             | 20.2        | 40.7            | 56.0               | -15.3                  |
| 0.155      | 30.1             | 20.2        | 50.3            | 65.7               | -15.5                  |
| 8.980      | 24.1             | 20.4        | 44.5            | 60.0               | -15.5                  |
| 8.670      | 24.1             | 20.4        | 44.5            | 60.0               | -15.5                  |
| 7.360      | 24.1             | 20.4        | 44.5            | 60.0               | -15.5                  |
| 9.320      | 24.0             | 20.4        | 44.4            | 60.0               | -15.6                  |
| 9.210      | 24.0             | 20.4        | 44.4            | 60.0               | -15.6                  |
| 7.510      | 23.9             | 20.4        | 44.3            | 60.0               | -15.7                  |
| 0.429      | 21.4             | 20.2        | 41.6            | 57.3               | -15.7                  |
| 0.633      | 20.1             | 20.2        | 40.3            | 56.0               | -15.7                  |
| 0.526      | 20.0             | 20.2        | 40.2            | 56.0               | -15.8                  |
| 0.553      | 20.0             | 20.2        | 40.2            | 56.0               | -15.8                  |
| 0.516      | 20.0             | 20.2        | 40.2            | 56.0               | -15.8                  |

Peak Data - vs - Average Limit

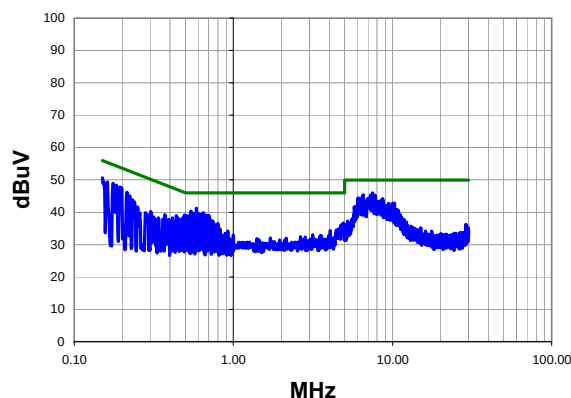
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 8.860      | 25.1             | 20.4        | 45.5            | 50.0               | -4.5                   |
| 8.140      | 25.1             | 20.4        | 45.5            | 50.0               | -4.5                   |
| 8.270      | 25.0             | 20.4        | 45.4            | 50.0               | -4.6                   |
| 7.930      | 24.9             | 20.4        | 45.3            | 50.0               | -4.7                   |
| 8.490      | 24.6             | 20.4        | 45.0            | 50.0               | -5.0                   |
| 9.470      | 24.4             | 20.4        | 44.8            | 50.0               | -5.2                   |
| 7.030      | 24.3             | 20.4        | 44.7            | 50.0               | -5.3                   |
| 0.568      | 20.5             | 20.2        | 40.7            | 46.0               | -5.3                   |
| 0.155      | 30.1             | 20.2        | 50.3            | 55.7               | -5.5                   |
| 8.980      | 24.1             | 20.4        | 44.5            | 50.0               | -5.5                   |
| 8.670      | 24.1             | 20.4        | 44.5            | 50.0               | -5.5                   |
| 7.360      | 24.1             | 20.4        | 44.5            | 50.0               | -5.5                   |
| 9.320      | 24.0             | 20.4        | 44.4            | 50.0               | -5.6                   |
| 9.210      | 24.0             | 20.4        | 44.4            | 50.0               | -5.6                   |
| 7.510      | 23.9             | 20.4        | 44.3            | 50.0               | -5.7                   |
| 0.429      | 21.4             | 20.2        | 41.6            | 47.3               | -5.7                   |
| 0.633      | 20.1             | 20.2        | 40.3            | 46.0               | -5.7                   |
| 0.526      | 20.0             | 20.2        | 40.2            | 46.0               | -5.8                   |
| 0.553      | 20.0             | 20.2        | 40.2            | 46.0               | -5.8                   |
| 0.516      | 20.0             | 20.2        | 40.2            | 46.0               | -5.8                   |

|                                               |                                                                       |                          |                                        |                                                                                     |                     |
|-----------------------------------------------|-----------------------------------------------------------------------|--------------------------|----------------------------------------|-------------------------------------------------------------------------------------|---------------------|
| <b>Work Order:</b>                            | INMC0575                                                              | <b>Date:</b>             | 08/11/10                               |  |                     |
| <b>Project:</b>                               | None                                                                  | <b>Temperature:</b>      | 22 °C                                  |                                                                                     |                     |
| <b>Job Site:</b>                              | EV07                                                                  | <b>Humidity:</b>         | 53                                     |                                                                                     |                     |
| <b>Serial Number:</b>                         | R11                                                                   | <b>Barometric Pres.:</b> | 1014.8 mb                              | <b>Tested by:</b> Rod Peloquin                                                      |                     |
| <b>EUT:</b>                                   | RC12                                                                  |                          |                                        |                                                                                     |                     |
| <b>Configuration:</b>                         | 3 - AC Power Conducted Emissions                                      |                          |                                        |                                                                                     |                     |
| <b>Customer:</b>                              | Intermec Technologies Corporation                                     |                          |                                        |                                                                                     |                     |
| <b>Attendees:</b>                             | none                                                                  |                          |                                        |                                                                                     |                     |
| <b>EUT Power:</b>                             | 3.3 VDC from 120VAC                                                   |                          |                                        |                                                                                     |                     |
| <b>Operating Mode:</b>                        | Transmitting. 802.11(a), 6 Mbps, 5250 - 5350 MHz Band, Low Channel 52 |                          |                                        |                                                                                     |                     |
| <b>Deviations:</b>                            | No deviations.                                                        |                          |                                        |                                                                                     |                     |
| <b>Comments:</b>                              | Linear lab power supply                                               |                          |                                        |                                                                                     |                     |
| <b>Test Specifications</b><br>FCC 15.207:2010 |                                                                       |                          | <b>Test Method</b><br>ANSI C63.10:2009 |                                                                                     |                     |
| <b>Run #</b>                                  | 17                                                                    | <b>Line:</b>             | High Line                              | <b>Ext. Attenuation:</b> 20                                                         | <b>Results</b> Pass |

Peak Data - vs - Quasi Peak Limit



Peak Data - vs - Average Limit



Peak Data - vs - Quasi Peak Limit

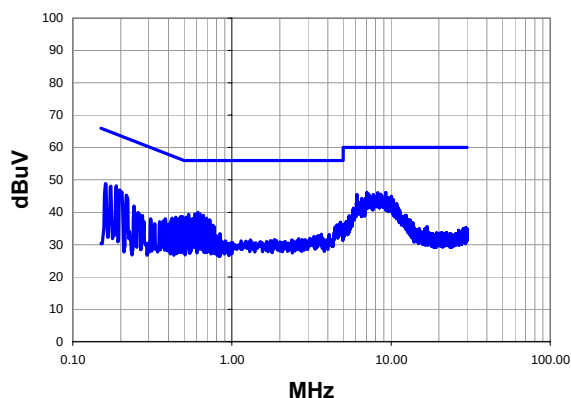
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.490      | 25.6             | 20.4        | 46.0            | 60.0               | -14.0                  |
| 6.540      | 25.0             | 20.3        | 45.3            | 60.0               | -14.7                  |
| 7.780      | 24.9             | 20.4        | 45.3            | 60.0               | -14.7                  |
| 7.270      | 24.9             | 20.4        | 45.3            | 60.0               | -14.7                  |
| 0.585      | 21.1             | 20.2        | 41.3            | 56.0               | -14.7                  |
| 6.440      | 24.5             | 20.3        | 44.8            | 60.0               | -15.2                  |
| 0.150      | 30.5             | 20.2        | 50.7            | 66.0               | -15.3                  |
| 7.160      | 24.0             | 20.4        | 44.4            | 60.0               | -15.6                  |
| 0.541      | 20.2             | 20.2        | 40.4            | 56.0               | -15.6                  |
| 6.110      | 24.1             | 20.3        | 44.4            | 60.0               | -15.6                  |
| 0.176      | 28.8             | 20.2        | 49.0            | 64.7               | -15.7                  |
| 8.680      | 23.7             | 20.4        | 44.1            | 60.0               | -15.9                  |
| 0.184      | 28.2             | 20.2        | 48.4            | 64.3               | -15.9                  |
| 0.162      | 29.2             | 20.2        | 49.4            | 65.4               | -16.0                  |
| 0.646      | 19.7             | 20.2        | 39.9            | 56.0               | -16.1                  |
| 0.198      | 27.4             | 20.2        | 47.6            | 63.7               | -16.2                  |
| 0.193      | 27.6             | 20.2        | 47.8            | 63.9               | -16.2                  |
| 0.553      | 19.5             | 20.2        | 39.7            | 56.0               | -16.3                  |
| 0.599      | 19.5             | 20.2        | 39.7            | 56.0               | -16.3                  |
| 0.565      | 19.4             | 20.2        | 39.6            | 56.0               | -16.4                  |

Peak Data - vs - Average Limit

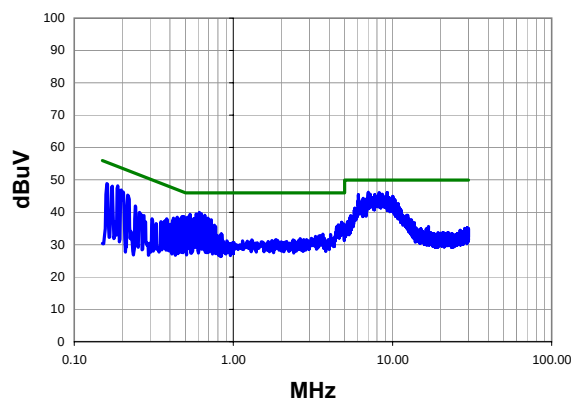
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.490      | 25.6             | 20.4        | 46.0            | 50.0               | -4.0                   |
| 6.540      | 25.0             | 20.3        | 45.3            | 50.0               | -4.7                   |
| 7.780      | 24.9             | 20.4        | 45.3            | 50.0               | -4.7                   |
| 7.270      | 24.9             | 20.4        | 45.3            | 50.0               | -4.7                   |
| 0.585      | 21.1             | 20.2        | 41.3            | 46.0               | -4.7                   |
| 6.440      | 24.5             | 20.3        | 44.8            | 50.0               | -5.2                   |
| 0.150      | 30.5             | 20.2        | 50.7            | 56.0               | -5.3                   |
| 7.160      | 24.0             | 20.4        | 44.4            | 50.0               | -5.6                   |
| 0.541      | 20.2             | 20.2        | 40.4            | 46.0               | -5.6                   |
| 6.110      | 24.1             | 20.3        | 44.4            | 50.0               | -5.6                   |
| 0.176      | 28.8             | 20.2        | 49.0            | 54.7               | -5.7                   |
| 8.680      | 23.7             | 20.4        | 44.1            | 50.0               | -5.9                   |
| 0.184      | 28.2             | 20.2        | 48.4            | 54.3               | -5.9                   |
| 0.162      | 29.2             | 20.2        | 49.4            | 55.4               | -6.0                   |
| 0.646      | 19.7             | 20.2        | 39.9            | 46.0               | -6.1                   |
| 0.198      | 27.4             | 20.2        | 47.6            | 53.7               | -6.2                   |
| 0.193      | 27.6             | 20.2        | 47.8            | 53.9               | -6.2                   |
| 0.553      | 19.5             | 20.2        | 39.7            | 46.0               | -6.3                   |
| 0.599      | 19.5             | 20.2        | 39.7            | 46.0               | -6.3                   |
| 0.565      | 19.4             | 20.2        | 39.6            | 46.0               | -6.4                   |

|                                               |                                                                       |                          |                                        |                                                       |    |                |      |
|-----------------------------------------------|-----------------------------------------------------------------------|--------------------------|----------------------------------------|-------------------------------------------------------|----|----------------|------|
| <b>Work Order:</b>                            | INMC0575                                                              | <b>Date:</b>             | 08/11/10                               | <i>Rod Peloquin</i><br><b>Tested by:</b> Rod Peloquin |    |                |      |
| <b>Project:</b>                               | None                                                                  | <b>Temperature:</b>      | 22 °C                                  |                                                       |    |                |      |
| <b>Job Site:</b>                              | EV07                                                                  | <b>Humidity:</b>         | 53                                     |                                                       |    |                |      |
| <b>Serial Number:</b>                         | R11                                                                   | <b>Barometric Pres.:</b> | 1014.8 mb                              |                                                       |    |                |      |
| <b>EUT:</b>                                   | RC12                                                                  |                          |                                        |                                                       |    |                |      |
| <b>Configuration:</b>                         | 3 - AC Power Conducted Emissions                                      |                          |                                        |                                                       |    |                |      |
| <b>Customer:</b>                              | Intermec Technologies Corporation                                     |                          |                                        |                                                       |    |                |      |
| <b>Attendees:</b>                             | none                                                                  |                          |                                        |                                                       |    |                |      |
| <b>EUT Power:</b>                             | 3.3 VDC from 120VAC                                                   |                          |                                        |                                                       |    |                |      |
| <b>Operating Mode:</b>                        | Transmitting. 802.11(a), 6 Mbps, 5250 - 5350 MHz Band, Low Channel 52 |                          |                                        |                                                       |    |                |      |
| <b>Deviations:</b>                            | No deviations.                                                        |                          |                                        |                                                       |    |                |      |
| <b>Comments:</b>                              | Linear lab power supply                                               |                          |                                        |                                                       |    |                |      |
| <b>Test Specifications</b><br>FCC 15.207:2010 |                                                                       |                          | <b>Test Method</b><br>ANSI C63.10:2009 |                                                       |    |                |      |
| <b>Run #</b>                                  | 18                                                                    | <b>Line:</b>             | Neutral                                | <b>Ext. Attenuation:</b>                              | 20 | <b>Results</b> | Pass |

Peak Data - vs - Quasi Peak Limit



Peak Data - vs - Average Limit



Peak Data - vs - Quasi Peak Limit

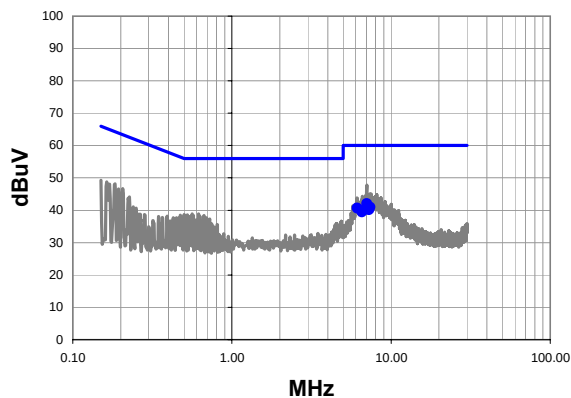
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.030      | 25.8             | 20.4        | 46.2            | 60.0               | -13.8                  |
| 9.250      | 25.7             | 20.4        | 46.1            | 60.0               | -13.9                  |
| 8.230      | 25.7             | 20.4        | 46.1            | 60.0               | -13.9                  |
| 8.610      | 25.2             | 20.4        | 45.6            | 60.0               | -14.4                  |
| 7.250      | 25.2             | 20.4        | 45.6            | 60.0               | -14.4                  |
| 7.730      | 25.0             | 20.4        | 45.4            | 60.0               | -14.6                  |
| 6.100      | 25.1             | 20.3        | 45.4            | 60.0               | -14.6                  |
| 7.180      | 24.7             | 20.4        | 45.1            | 60.0               | -14.9                  |
| 10.040     | 24.5             | 20.4        | 44.9            | 60.0               | -15.1                  |
| 8.010      | 24.5             | 20.4        | 44.9            | 60.0               | -15.1                  |
| 8.950      | 24.2             | 20.4        | 44.6            | 60.0               | -15.4                  |
| 9.500      | 24.1             | 20.4        | 44.5            | 60.0               | -15.5                  |
| 7.110      | 24.1             | 20.4        | 44.5            | 60.0               | -15.5                  |
| 6.530      | 24.0             | 20.3        | 44.3            | 60.0               | -15.7                  |
| 9.870      | 23.7             | 20.4        | 44.1            | 60.0               | -15.9                  |
| 9.740      | 23.7             | 20.4        | 44.1            | 60.0               | -15.9                  |
| 0.187      | 28.0             | 20.2        | 48.2            | 64.2               | -16.0                  |
| 0.611      | 19.8             | 20.2        | 40.0            | 56.0               | -16.0                  |
| 10.350     | 23.4             | 20.4        | 43.8            | 60.0               | -16.2                  |
| 0.628      | 19.4             | 20.2        | 39.6            | 56.0               | -16.4                  |

Peak Data - vs - Average Limit

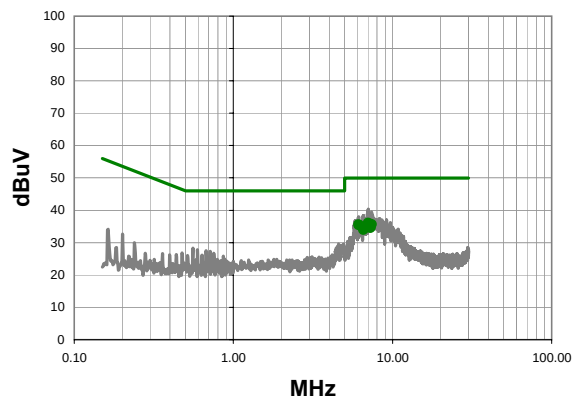
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.030      | 25.8             | 20.4        | 46.2            | 50.0               | -3.8                   |
| 9.250      | 25.7             | 20.4        | 46.1            | 50.0               | -3.9                   |
| 8.230      | 25.7             | 20.4        | 46.1            | 50.0               | -3.9                   |
| 8.610      | 25.2             | 20.4        | 45.6            | 50.0               | -4.4                   |
| 7.250      | 25.2             | 20.4        | 45.6            | 50.0               | -4.4                   |
| 7.730      | 25.0             | 20.4        | 45.4            | 50.0               | -4.6                   |
| 6.100      | 25.1             | 20.3        | 45.4            | 50.0               | -4.6                   |
| 7.180      | 24.7             | 20.4        | 45.1            | 50.0               | -4.9                   |
| 10.040     | 24.5             | 20.4        | 44.9            | 50.0               | -5.1                   |
| 8.010      | 24.5             | 20.4        | 44.9            | 50.0               | -5.1                   |
| 8.950      | 24.2             | 20.4        | 44.6            | 50.0               | -5.4                   |
| 9.500      | 24.1             | 20.4        | 44.5            | 50.0               | -5.5                   |
| 7.110      | 24.1             | 20.4        | 44.5            | 50.0               | -5.5                   |
| 6.530      | 24.0             | 20.3        | 44.3            | 50.0               | -5.7                   |
| 9.870      | 23.7             | 20.4        | 44.1            | 50.0               | -5.9                   |
| 9.740      | 23.7             | 20.4        | 44.1            | 50.0               | -5.9                   |
| 0.187      | 28.0             | 20.2        | 48.2            | 54.2               | -6.0                   |
| 0.611      | 19.8             | 20.2        | 40.0            | 46.0               | -6.0                   |
| 10.350     | 23.4             | 20.4        | 43.8            | 50.0               | -6.2                   |
| 0.628      | 19.4             | 20.2        | 39.6            | 46.0               | -6.4                   |

|                                               |                                                                        |                          |                                        |                                |                     |
|-----------------------------------------------|------------------------------------------------------------------------|--------------------------|----------------------------------------|--------------------------------|---------------------|
| <b>Work Order:</b>                            | INMC0575                                                               | <b>Date:</b>             | 08/11/10                               | <i>Rodley to Rodley</i>        |                     |
| <b>Project:</b>                               | None                                                                   | <b>Temperature:</b>      | 22 °C                                  |                                |                     |
| <b>Job Site:</b>                              | EV07                                                                   | <b>Humidity:</b>         | 53                                     |                                |                     |
| <b>Serial Number:</b>                         | R11                                                                    | <b>Barometric Pres.:</b> | 1014.8 mb                              | <b>Tested by:</b> Rod Peloquin |                     |
| <b>EUT:</b>                                   | RC12                                                                   |                          |                                        |                                |                     |
| <b>Configuration:</b>                         | 3 - AC Power Conducted Emissions                                       |                          |                                        |                                |                     |
| <b>Customer:</b>                              | Intermec Technologies Corporation                                      |                          |                                        |                                |                     |
| <b>Attendees:</b>                             | none                                                                   |                          |                                        |                                |                     |
| <b>EUT Power:</b>                             | 3.3 VDC from 120VAC                                                    |                          |                                        |                                |                     |
| <b>Operating Mode:</b>                        | Transmitting. 802.11(a), 6 Mbps, 5250 - 5350 MHz Band, High Channel 64 |                          |                                        |                                |                     |
| <b>Deviations:</b>                            | No deviations.                                                         |                          |                                        |                                |                     |
| <b>Comments:</b>                              | Linear lab power supply                                                |                          |                                        |                                |                     |
| <b>Test Specifications</b><br>FCC 15.207:2010 |                                                                        |                          | <b>Test Method</b><br>ANSI C63.10:2009 |                                |                     |
| <b>Run #</b>                                  | 19                                                                     | <b>Line:</b>             | High Line                              | <b>Ext. Attenuation:</b> 20    | <b>Results</b> Pass |

Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit



Quasi Peak Data - vs - Quasi Peak Limit

| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.034      | 21.6             | 20.4        | 42.0            | 60.0               | -18.0                  |
| 7.386      | 20.5             | 20.4        | 40.9            | 60.0               | -19.1                  |
| 6.120      | 20.4             | 20.3        | 40.7            | 60.0               | -19.3                  |
| 6.952      | 20.1             | 20.4        | 40.5            | 60.0               | -19.5                  |
| 7.278      | 19.8             | 20.4        | 40.2            | 60.0               | -19.8                  |
| 6.574      | 19.1             | 20.3        | 39.4            | 60.0               | -20.6                  |

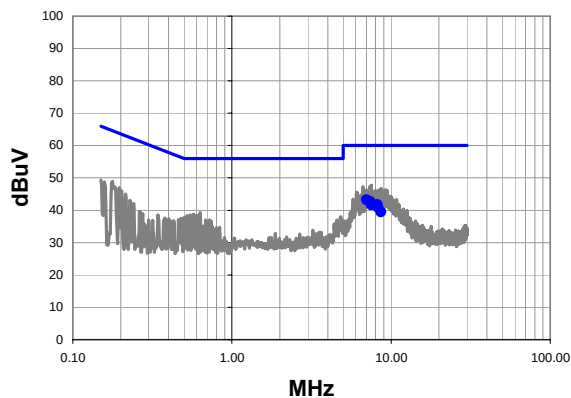
Average Data - vs - Average Limit

| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.034      | 15.6             | 20.4        | 36.0            | 50.0               | -14.0                  |
| 7.386      | 15.2             | 20.4        | 35.6            | 50.0               | -14.4                  |
| 6.120      | 15.2             | 20.3        | 35.5            | 50.0               | -14.5                  |
| 6.952      | 14.7             | 20.4        | 35.1            | 50.0               | -14.9                  |
| 7.278      | 14.2             | 20.4        | 34.6            | 50.0               | -15.4                  |
| 6.574      | 13.7             | 20.3        | 34.0            | 50.0               | -16.0                  |

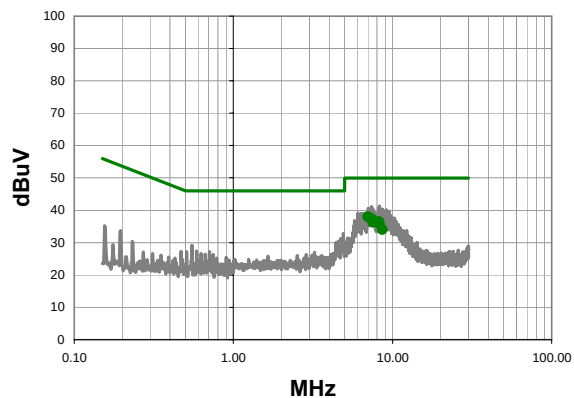


|                                               |                                                                        |                          |                                        |                                                     |    |                |      |
|-----------------------------------------------|------------------------------------------------------------------------|--------------------------|----------------------------------------|-----------------------------------------------------|----|----------------|------|
| <b>Work Order:</b>                            | INMC0575                                                               | <b>Date:</b>             | 08/11/10                               | <i>Rod Pelouin</i><br><b>Tested by:</b> Rod Pelouin |    |                |      |
| <b>Project:</b>                               | None                                                                   | <b>Temperature:</b>      | 22 °C                                  |                                                     |    |                |      |
| <b>Job Site:</b>                              | EV07                                                                   | <b>Humidity:</b>         | 53                                     |                                                     |    |                |      |
| <b>Serial Number:</b>                         | R11                                                                    | <b>Barometric Pres.:</b> | 1014.8 mb                              |                                                     |    |                |      |
| <b>EUT:</b>                                   | RC12                                                                   |                          |                                        |                                                     |    |                |      |
| <b>Configuration:</b>                         | 3 - AC Power Conducted Emissions                                       |                          |                                        |                                                     |    |                |      |
| <b>Customer:</b>                              | Intermec Technologies Corporation                                      |                          |                                        |                                                     |    |                |      |
| <b>Attendees:</b>                             | none                                                                   |                          |                                        |                                                     |    |                |      |
| <b>EUT Power:</b>                             | 3.3 VDC from 120VAC                                                    |                          |                                        |                                                     |    |                |      |
| <b>Operating Mode:</b>                        | Transmitting. 802.11(a), 6 Mbps, 5250 - 5350 MHz Band, High Channel 64 |                          |                                        |                                                     |    |                |      |
| <b>Deviations:</b>                            | No deviations.                                                         |                          |                                        |                                                     |    |                |      |
| <b>Comments:</b>                              | Linear lab power supply                                                |                          |                                        |                                                     |    |                |      |
| <b>Test Specifications</b><br>FCC 15.207:2010 |                                                                        |                          | <b>Test Method</b><br>ANSI C63.10:2009 |                                                     |    |                |      |
| <b>Run #</b>                                  | 20                                                                     | <b>Line:</b>             | Neutral                                | <b>Ext. Attenuation:</b>                            | 20 | <b>Results</b> | Pass |

Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit



Quasi Peak Data - vs - Quasi Peak Limit

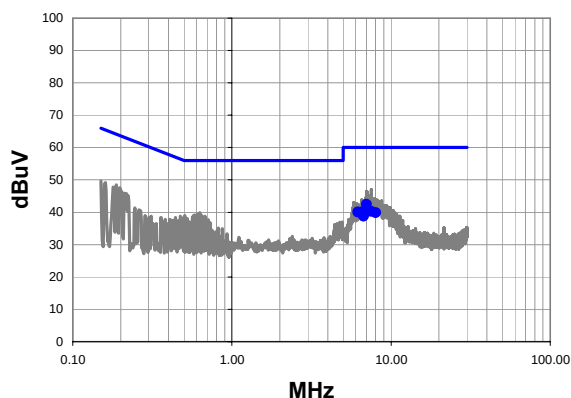
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.028      | 22.8             | 20.4        | 43.2            | 60.0               | -16.8                  |
| 7.392      | 22.3             | 20.4        | 42.7            | 60.0               | -17.3                  |
| 8.202      | 21.3             | 20.4        | 41.7            | 60.0               | -18.3                  |
| 7.518      | 21.2             | 20.4        | 41.6            | 60.0               | -18.4                  |
| 8.288      | 20.4             | 20.4        | 40.8            | 60.0               | -19.2                  |
| 8.622      | 19.1             | 20.4        | 39.5            | 60.0               | -20.5                  |

Average Data - vs - Average Limit

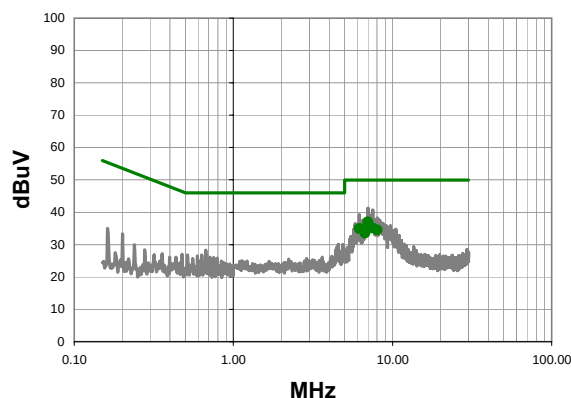
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.028      | 17.6             | 20.4        | 38.0            | 50.0               | -12.0                  |
| 7.392      | 17.0             | 20.4        | 37.4            | 50.0               | -12.6                  |
| 8.202      | 16.1             | 20.4        | 36.5            | 50.0               | -13.5                  |
| 7.518      | 15.9             | 20.4        | 36.3            | 50.0               | -13.7                  |
| 8.288      | 15.4             | 20.4        | 35.8            | 50.0               | -14.2                  |
| 8.622      | 13.6             | 20.4        | 34.0            | 50.0               | -16.0                  |

|                                               |                                                                        |                          |                                        |                                                         |    |                |      |
|-----------------------------------------------|------------------------------------------------------------------------|--------------------------|----------------------------------------|---------------------------------------------------------|----|----------------|------|
| <b>Work Order:</b>                            | INMC0575                                                               | <b>Date:</b>             | 08/11/10                               | <i>Rodry to Rodry</i><br><b>Tested by:</b> Rod Peloquin |    |                |      |
| <b>Project:</b>                               | None                                                                   | <b>Temperature:</b>      | 22 °C                                  |                                                         |    |                |      |
| <b>Job Site:</b>                              | EV07                                                                   | <b>Humidity:</b>         | 53                                     |                                                         |    |                |      |
| <b>Serial Number:</b>                         | R11                                                                    | <b>Barometric Pres.:</b> | 1014.8 mb                              |                                                         |    |                |      |
| <b>EUT:</b>                                   | RC12                                                                   |                          |                                        |                                                         |    |                |      |
| <b>Configuration:</b>                         | 3 - AC Power Conducted Emissions                                       |                          |                                        |                                                         |    |                |      |
| <b>Customer:</b>                              | Intermec Technologies Corporation                                      |                          |                                        |                                                         |    |                |      |
| <b>Attendees:</b>                             | none                                                                   |                          |                                        |                                                         |    |                |      |
| <b>EUT Power:</b>                             | 3.3 VDC from 120VAC                                                    |                          |                                        |                                                         |    |                |      |
| <b>Operating Mode:</b>                        | Transmitting. 802.11(a), 6 Mbps, 5470 - 5725 MHz Band, Low Channel 100 |                          |                                        |                                                         |    |                |      |
| <b>Deviations:</b>                            | No deviations.                                                         |                          |                                        |                                                         |    |                |      |
| <b>Comments:</b>                              | Linear lab power supply                                                |                          |                                        |                                                         |    |                |      |
| <b>Test Specifications</b><br>FCC 15.207:2010 |                                                                        |                          | <b>Test Method</b><br>ANSI C63.10:2009 |                                                         |    |                |      |
| <b>Run #</b>                                  | 21                                                                     | <b>Line:</b>             | High Line                              | <b>Ext. Attenuation:</b>                                | 20 | <b>Results</b> | Pass |

Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit

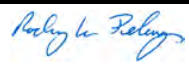


Quasi Peak Data - vs - Quasi Peak Limit

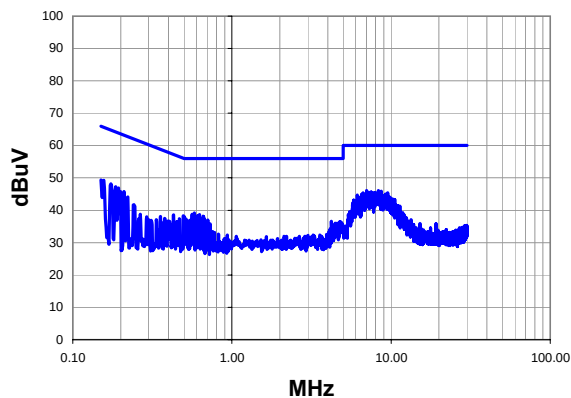
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.018      | 22.0             | 20.4        | 42.4            | 60.0               | -17.6                  |
| 7.512      | 19.9             | 20.4        | 40.3            | 60.0               | -19.7                  |
| 6.184      | 19.8             | 20.3        | 40.1            | 60.0               | -19.9                  |
| 6.532      | 19.7             | 20.3        | 40.0            | 60.0               | -20.0                  |
| 8.018      | 19.5             | 20.4        | 39.9            | 60.0               | -20.1                  |
| 6.738      | 18.4             | 20.4        | 38.8            | 60.0               | -21.2                  |

Average Data - vs - Average Limit

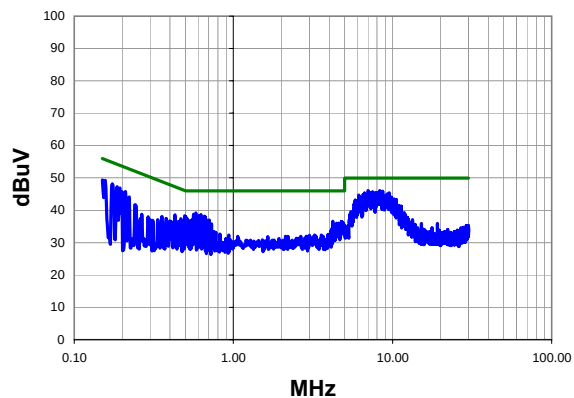
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.018      | 16.6             | 20.4        | 37.0            | 50.0               | -13.0                  |
| 7.512      | 14.7             | 20.4        | 35.1            | 50.0               | -14.9                  |
| 6.184      | 14.6             | 20.3        | 34.9            | 50.0               | -15.1                  |
| 6.532      | 14.5             | 20.3        | 34.8            | 50.0               | -15.2                  |
| 8.018      | 14.1             | 20.4        | 34.5            | 50.0               | -15.5                  |
| 6.738      | 13.2             | 20.4        | 33.6            | 50.0               | -16.4                  |

|                                               |                                                                        |                          |                                        |                                                                                     |    |                |      |
|-----------------------------------------------|------------------------------------------------------------------------|--------------------------|----------------------------------------|-------------------------------------------------------------------------------------|----|----------------|------|
| <b>Work Order:</b>                            | INMC0575                                                               | <b>Date:</b>             | 08/11/10                               |  |    |                |      |
| <b>Project:</b>                               | None                                                                   | <b>Temperature:</b>      | 22 °C                                  |                                                                                     |    |                |      |
| <b>Job Site:</b>                              | EV07                                                                   | <b>Humidity:</b>         | 53                                     |                                                                                     |    |                |      |
| <b>Serial Number:</b>                         | R11                                                                    | <b>Barometric Pres.:</b> | 1014.8 mb                              |                                                                                     |    |                |      |
| <b>EUT:</b>                                   | RC12                                                                   |                          |                                        |                                                                                     |    |                |      |
| <b>Configuration:</b>                         | 3 - AC Power Conducted Emissions                                       |                          |                                        |                                                                                     |    |                |      |
| <b>Customer:</b>                              | Intermec Technologies Corporation                                      |                          |                                        |                                                                                     |    |                |      |
| <b>Attendees:</b>                             | none                                                                   |                          |                                        |                                                                                     |    |                |      |
| <b>EUT Power:</b>                             | 3.3 VDC from 120VAC                                                    |                          |                                        |                                                                                     |    |                |      |
| <b>Operating Mode:</b>                        | Transmitting. 802.11(a), 6 Mbps, 5470 - 5725 MHz Band, Low Channel 100 |                          |                                        |                                                                                     |    |                |      |
| <b>Deviations:</b>                            | No deviations.                                                         |                          |                                        |                                                                                     |    |                |      |
| <b>Comments:</b>                              | Linear lab power supply                                                |                          |                                        |                                                                                     |    |                |      |
| <b>Test Specifications</b><br>FCC 15.207:2010 |                                                                        |                          | <b>Test Method</b><br>ANSI C63.10:2009 |                                                                                     |    |                |      |
| <b>Run #</b>                                  | 22                                                                     | <b>Line:</b>             | Neutral                                | <b>Ext. Attenuation:</b>                                                            | 20 | <b>Results</b> | Pass |

Peak Data - vs - Quasi Peak Limit



Peak Data - vs - Average Limit

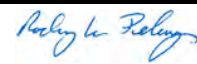


Peak Data - vs - Quasi Peak Limit

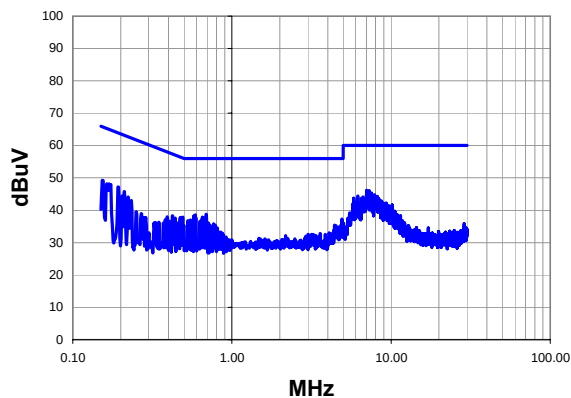
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 8.340      | 25.7             | 20.4        | 46.1            | 60.0               | -13.9                  |
| 7.020      | 25.7             | 20.4        | 46.1            | 60.0               | -13.9                  |
| 8.660      | 25.5             | 20.4        | 45.9            | 60.0               | -14.1                  |
| 7.520      | 25.2             | 20.4        | 45.6            | 60.0               | -14.4                  |
| 7.430      | 25.2             | 20.4        | 45.6            | 60.0               | -14.4                  |
| 7.850      | 25.1             | 20.4        | 45.5            | 60.0               | -14.5                  |
| 8.540      | 25.1             | 20.4        | 45.5            | 60.0               | -14.5                  |
| 9.540      | 25.0             | 20.4        | 45.4            | 60.0               | -14.6                  |
| 6.660      | 25.0             | 20.3        | 45.3            | 60.0               | -14.7                  |
| 7.990      | 24.9             | 20.4        | 45.3            | 60.0               | -14.7                  |
| 8.190      | 24.8             | 20.4        | 45.2            | 60.0               | -14.8                  |
| 9.200      | 24.6             | 20.4        | 45.0            | 60.0               | -15.0                  |
| 9.330      | 24.5             | 20.4        | 44.9            | 60.0               | -15.1                  |
| 6.540      | 24.6             | 20.3        | 44.9            | 60.0               | -15.1                  |
| 6.140      | 24.4             | 20.3        | 44.7            | 60.0               | -15.3                  |
| 8.990      | 24.1             | 20.4        | 44.5            | 60.0               | -15.5                  |
| 6.210      | 23.9             | 20.3        | 44.2            | 60.0               | -15.8                  |
| 9.830      | 23.6             | 20.4        | 44.0            | 60.0               | -16.0                  |
| 6.750      | 23.4             | 20.4        | 43.8            | 60.0               | -16.2                  |
| 0.157      | 29.1             | 20.2        | 49.3            | 65.6               | -16.4                  |

Peak Data - vs - Average Limit

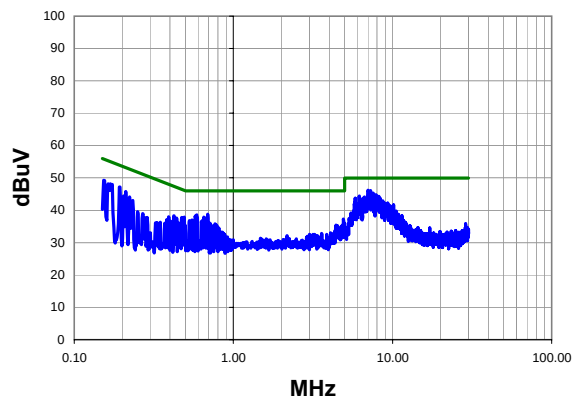
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 8.340      | 25.7             | 20.4        | 46.1            | 50.0               | -3.9                   |
| 7.020      | 25.7             | 20.4        | 46.1            | 50.0               | -3.9                   |
| 8.660      | 25.5             | 20.4        | 45.9            | 50.0               | -4.1                   |
| 7.520      | 25.2             | 20.4        | 45.6            | 50.0               | -4.4                   |
| 7.430      | 25.2             | 20.4        | 45.6            | 50.0               | -4.4                   |
| 7.850      | 25.1             | 20.4        | 45.5            | 50.0               | -4.5                   |
| 8.540      | 25.1             | 20.4        | 45.5            | 50.0               | -4.5                   |
| 9.540      | 25.0             | 20.4        | 45.4            | 50.0               | -4.6                   |
| 6.660      | 25.0             | 20.3        | 45.3            | 50.0               | -4.7                   |
| 7.990      | 24.9             | 20.4        | 45.3            | 50.0               | -4.7                   |
| 8.190      | 24.8             | 20.4        | 45.2            | 50.0               | -4.8                   |
| 9.200      | 24.6             | 20.4        | 45.0            | 50.0               | -5.0                   |
| 9.330      | 24.5             | 20.4        | 44.9            | 50.0               | -5.1                   |
| 6.540      | 24.6             | 20.3        | 44.9            | 50.0               | -5.1                   |
| 6.140      | 24.4             | 20.3        | 44.7            | 50.0               | -5.3                   |
| 8.990      | 24.1             | 20.4        | 44.5            | 50.0               | -5.5                   |
| 6.210      | 23.9             | 20.3        | 44.2            | 50.0               | -5.8                   |
| 9.830      | 23.6             | 20.4        | 44.0            | 50.0               | -6.0                   |
| 6.750      | 23.4             | 20.4        | 43.8            | 50.0               | -6.2                   |
| 0.157      | 29.1             | 20.2        | 49.3            | 55.6               | -6.4                   |

|                                               |                                                                        |                          |                                        |                                                                                     |                     |
|-----------------------------------------------|------------------------------------------------------------------------|--------------------------|----------------------------------------|-------------------------------------------------------------------------------------|---------------------|
| <b>Work Order:</b>                            | INMC0575                                                               | <b>Date:</b>             | 08/11/10                               |  |                     |
| <b>Project:</b>                               | None                                                                   | <b>Temperature:</b>      | 22 °C                                  |                                                                                     |                     |
| <b>Job Site:</b>                              | EV07                                                                   | <b>Humidity:</b>         | 53                                     |                                                                                     |                     |
| <b>Serial Number:</b>                         | R11                                                                    | <b>Barometric Pres.:</b> | 1014.8 mb                              | <b>Tested by:</b> Rod Peloquin                                                      |                     |
| <b>EUT:</b>                                   | RC12                                                                   |                          |                                        |                                                                                     |                     |
| <b>Configuration:</b>                         | 3 - AC Power Conducted Emissions                                       |                          |                                        |                                                                                     |                     |
| <b>Customer:</b>                              | Intermec Technologies Corporation                                      |                          |                                        |                                                                                     |                     |
| <b>Attendees:</b>                             | none                                                                   |                          |                                        |                                                                                     |                     |
| <b>EUT Power:</b>                             | 3.3 VDC from 120VAC                                                    |                          |                                        |                                                                                     |                     |
| <b>Operating Mode:</b>                        | Transmitting. 802.11(a), 6 Mbps, 5470 - 5725 MHz Band, Mid Channel 116 |                          |                                        |                                                                                     |                     |
| <b>Deviations:</b>                            | No deviations.                                                         |                          |                                        |                                                                                     |                     |
| <b>Comments:</b>                              | Linear lab power supply                                                |                          |                                        |                                                                                     |                     |
| <b>Test Specifications</b><br>FCC 15.207:2010 |                                                                        |                          | <b>Test Method</b><br>ANSI C63.10:2009 |                                                                                     |                     |
| <b>Run #</b>                                  | 23                                                                     | <b>Line:</b>             | High Line                              | <b>Ext. Attenuation:</b> 20                                                         | <b>Results</b> Pass |

Peak Data - vs - Quasi Peak Limit



Peak Data - vs - Average Limit



Peak Data - vs - Quasi Peak Limit

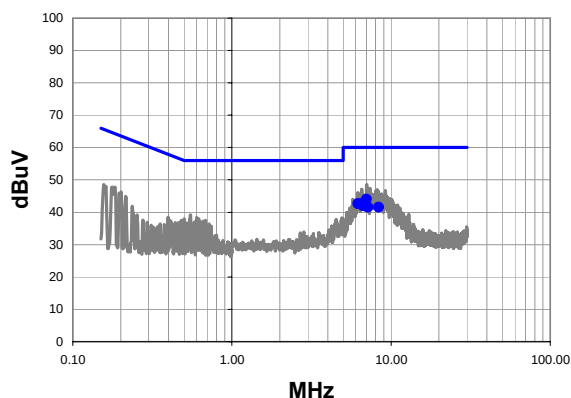
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.020      | 25.8             | 20.4        | 46.2            | 60.0               | -13.8                  |
| 7.260      | 25.7             | 20.4        | 46.1            | 60.0               | -13.9                  |
| 7.540      | 24.9             | 20.4        | 45.3            | 60.0               | -14.7                  |
| 7.370      | 24.8             | 20.4        | 45.2            | 60.0               | -14.8                  |
| 7.880      | 24.3             | 20.4        | 44.7            | 60.0               | -15.3                  |
| 6.180      | 24.1             | 20.3        | 44.4            | 60.0               | -15.6                  |
| 8.000      | 23.9             | 20.4        | 44.3            | 60.0               | -15.7                  |
| 8.220      | 23.9             | 20.4        | 44.3            | 60.0               | -15.7                  |
| 6.670      | 23.8             | 20.3        | 44.1            | 60.0               | -15.9                  |
| 6.520      | 23.4             | 20.3        | 43.7            | 60.0               | -16.3                  |
| 7.670      | 23.3             | 20.4        | 43.7            | 60.0               | -16.3                  |
| 5.830      | 23.4             | 20.3        | 43.7            | 60.0               | -16.3                  |
| 8.360      | 23.2             | 20.4        | 43.6            | 60.0               | -16.4                  |
| 0.153      | 29.1             | 20.2        | 49.3            | 65.8               | -16.6                  |
| 0.193      | 27.0             | 20.2        | 47.2            | 63.9               | -16.8                  |
| 8.690      | 22.5             | 20.4        | 42.9            | 60.0               | -17.1                  |
| 0.164      | 28.0             | 20.2        | 48.2            | 65.3               | -17.1                  |
| 0.691      | 18.6             | 20.2        | 38.8            | 56.0               | -17.2                  |
| 0.211      | 25.6             | 20.2        | 45.8            | 63.2               | -17.4                  |
| 0.589      | 18.4             | 20.2        | 38.6            | 56.0               | -17.4                  |

Peak Data - vs - Average Limit

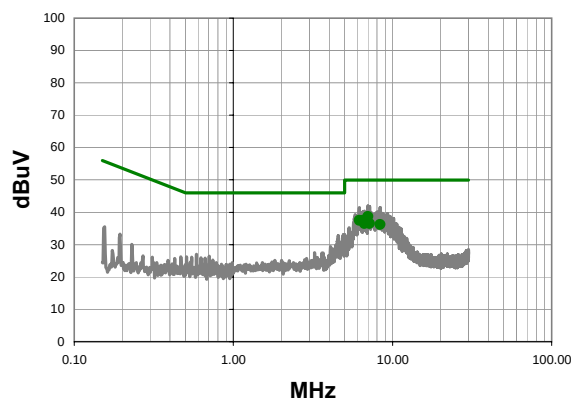
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.020      | 25.8             | 20.4        | 46.2            | 50.0               | -3.8                   |
| 7.260      | 25.7             | 20.4        | 46.1            | 50.0               | -3.9                   |
| 7.540      | 24.9             | 20.4        | 45.3            | 50.0               | -4.7                   |
| 7.370      | 24.8             | 20.4        | 45.2            | 50.0               | -4.8                   |
| 7.880      | 24.3             | 20.4        | 44.7            | 50.0               | -5.3                   |
| 6.180      | 24.1             | 20.3        | 44.4            | 50.0               | -5.6                   |
| 8.000      | 23.9             | 20.4        | 44.3            | 50.0               | -5.7                   |
| 8.220      | 23.9             | 20.4        | 44.3            | 50.0               | -5.7                   |
| 6.670      | 23.8             | 20.3        | 44.1            | 50.0               | -5.9                   |
| 6.520      | 23.4             | 20.3        | 43.7            | 50.0               | -6.3                   |
| 7.670      | 23.3             | 20.4        | 43.7            | 50.0               | -6.3                   |
| 5.830      | 23.4             | 20.3        | 43.7            | 50.0               | -6.3                   |
| 8.360      | 23.2             | 20.4        | 43.6            | 50.0               | -6.4                   |
| 0.153      | 29.1             | 20.2        | 49.3            | 55.8               | -6.6                   |
| 0.193      | 27.0             | 20.2        | 47.2            | 53.9               | -6.8                   |
| 8.690      | 22.5             | 20.4        | 42.9            | 50.0               | -7.1                   |
| 0.164      | 28.0             | 20.2        | 48.2            | 55.3               | -7.1                   |
| 0.691      | 18.6             | 20.2        | 38.8            | 46.0               | -7.2                   |
| 0.211      | 25.6             | 20.2        | 45.8            | 53.2               | -7.4                   |
| 0.589      | 18.4             | 20.2        | 38.6            | 46.0               | -7.4                   |

|                                               |                                                                        |                          |                                        |                               |                     |
|-----------------------------------------------|------------------------------------------------------------------------|--------------------------|----------------------------------------|-------------------------------|---------------------|
| <b>Work Order:</b>                            | INMC0575                                                               | <b>Date:</b>             | 08/11/10                               | <i>Rodry Le Pelouin</i>       |                     |
| <b>Project:</b>                               | None                                                                   | <b>Temperature:</b>      | 22 °C                                  |                               |                     |
| <b>Job Site:</b>                              | EV07                                                                   | <b>Humidity:</b>         | 53                                     |                               |                     |
| <b>Serial Number:</b>                         | R11                                                                    | <b>Barometric Pres.:</b> | 1014.8 mb                              | <b>Tested by:</b> Rod Pelouin |                     |
| <b>EUT:</b>                                   | RC12                                                                   |                          |                                        |                               |                     |
| <b>Configuration:</b>                         | 3 - AC Power Conducted Emissions                                       |                          |                                        |                               |                     |
| <b>Customer:</b>                              | Intermec Technologies Corporation                                      |                          |                                        |                               |                     |
| <b>Attendees:</b>                             | none                                                                   |                          |                                        |                               |                     |
| <b>EUT Power:</b>                             | 3.3 VDC from 120VAC                                                    |                          |                                        |                               |                     |
| <b>Operating Mode:</b>                        | Transmitting. 802.11(a), 6 Mbps, 5470 - 5725 MHz Band, Mid Channel 116 |                          |                                        |                               |                     |
| <b>Deviations:</b>                            | No deviations.                                                         |                          |                                        |                               |                     |
| <b>Comments:</b>                              | Linear lab power supply                                                |                          |                                        |                               |                     |
| <b>Test Specifications</b><br>FCC 15.207:2010 |                                                                        |                          | <b>Test Method</b><br>ANSI C63.10:2009 |                               |                     |
| <b>Run #</b>                                  | 24                                                                     | <b>Line:</b>             | Neutral                                | <b>Ext. Attenuation:</b> 20   | <b>Results</b> Pass |

Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit



Quasi Peak Data - vs - Quasi Peak Limit

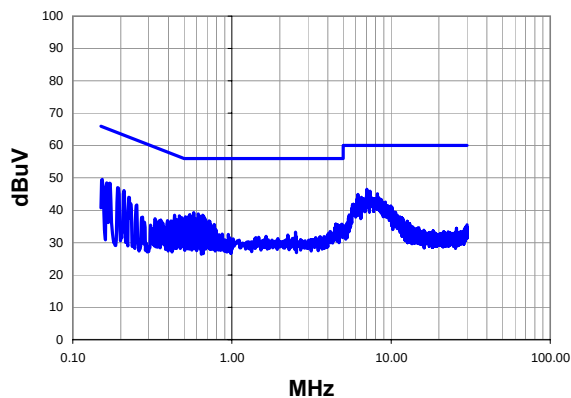
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.018      | 23.6             | 20.4        | 44.0            | 60.0               | -16.0                  |
| 6.540      | 22.4             | 20.3        | 42.7            | 60.0               | -17.3                  |
| 6.184      | 22.4             | 20.3        | 42.7            | 60.0               | -17.3                  |
| 6.666      | 21.7             | 20.3        | 42.0            | 60.0               | -18.0                  |
| 8.352      | 21.1             | 20.4        | 41.5            | 60.0               | -18.5                  |
| 7.168      | 21.1             | 20.4        | 41.5            | 60.0               | -18.5                  |

Average Data - vs - Average Limit

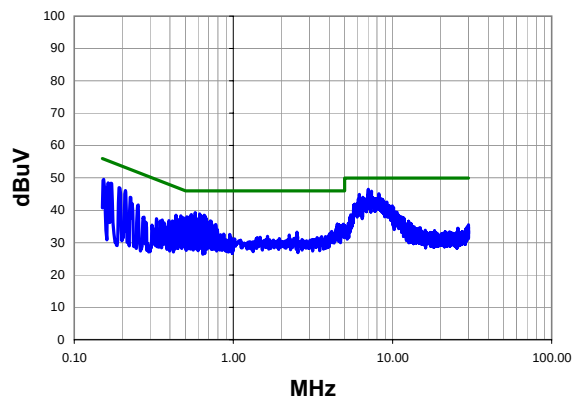
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.018      | 18.3             | 20.4        | 38.7            | 50.0               | -11.3                  |
| 6.540      | 17.2             | 20.3        | 37.5            | 50.0               | -12.5                  |
| 6.184      | 17.2             | 20.3        | 37.5            | 50.0               | -12.5                  |
| 6.666      | 16.2             | 20.3        | 36.5            | 50.0               | -13.5                  |
| 7.168      | 16.1             | 20.4        | 36.5            | 50.0               | -13.5                  |
| 8.352      | 15.8             | 20.4        | 36.2            | 50.0               | -13.8                  |

|                     |                                                                         |                   |                  |                             |    |         |      |
|---------------------|-------------------------------------------------------------------------|-------------------|------------------|-----------------------------|----|---------|------|
| Work Order:         | INMC0575                                                                | Date:             | 08/11/10         | <div>Rocky L. Pelouin</div> |    |         |      |
| Project:            | None                                                                    | Temperature:      | 22 °C            |                             |    |         |      |
| Job Site:           | EV07                                                                    | Humidity:         | 53               |                             |    |         |      |
| Serial Number:      | R11                                                                     | Barometric Pres.: | 1014.8 mb        |                             |    |         |      |
|                     |                                                                         | Tested by:        |                  | Rod Peloquin                |    |         |      |
| EUT:                | RC12                                                                    |                   |                  |                             |    |         |      |
| Configuration:      | 3 - AC Power Conducted Emissions                                        |                   |                  |                             |    |         |      |
| Customer:           | Intermec Technologies Corporation                                       |                   |                  |                             |    |         |      |
| Attendees:          | none                                                                    |                   |                  |                             |    |         |      |
| EUT Power:          | 3.3 VDC from 120VAC                                                     |                   |                  |                             |    |         |      |
| Operating Mode:     | Transmitting, 802.11(a), 6 Mbps, 5470 - 5725 MHz Band, High Channel 140 |                   |                  |                             |    |         |      |
| Deviations:         | No deviations.                                                          |                   |                  |                             |    |         |      |
| Comments:           | Linear lab power supply                                                 |                   |                  |                             |    |         |      |
| Test Specifications |                                                                         |                   | Test Method      |                             |    |         |      |
| FCC 15.207:2010     |                                                                         |                   | ANSI C63.10:2009 |                             |    |         |      |
| Run #               | 25                                                                      | Line:             | High Line        | Ext. Attenuation:           | 20 | Results | Pass |

Peak Data - vs - Quasi Peak Limit



Peak Data - vs - Average Limit



Peak Data - vs - Quasi Peak Limit

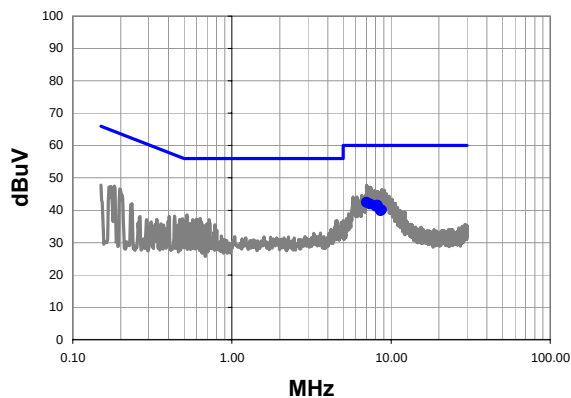
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.030      | 26.1             | 20.4        | 46.5            | 60.0               | -13.5                  |
| 7.370      | 25.5             | 20.4        | 45.9            | 60.0               | -14.1                  |
| 8.190      | 24.7             | 20.4        | 45.1            | 60.0               | -14.9                  |
| 6.200      | 24.6             | 20.3        | 44.9            | 60.0               | -15.1                  |
| 6.520      | 23.7             | 20.3        | 44.0            | 60.0               | -16.0                  |
| 0.153      | 29.4             | 20.2        | 49.6            | 65.8               | -16.3                  |
| 6.660      | 23.2             | 20.3        | 43.5            | 60.0               | -16.5                  |
| 7.990      | 23.1             | 20.4        | 43.5            | 60.0               | -16.5                  |
| 8.500      | 23.1             | 20.4        | 43.5            | 60.0               | -16.5                  |
| 6.090      | 23.2             | 20.3        | 43.5            | 60.0               | -16.5                  |
| 0.170      | 28.2             | 20.2        | 48.4            | 64.9               | -16.6                  |
| 8.690      | 22.9             | 20.4        | 43.3            | 60.0               | -16.7                  |
| 0.577      | 19.1             | 20.2        | 39.3            | 56.0               | -16.7                  |
| 0.164      | 28.3             | 20.2        | 48.5            | 65.3               | -16.8                  |
| 0.191      | 26.8             | 20.2        | 47.0            | 64.0               | -17.0                  |
| 0.614      | 18.7             | 20.2        | 38.9            | 56.0               | -17.1                  |
| 0.210      | 25.9             | 20.2        | 46.1            | 63.2               | -17.2                  |
| 0.544      | 18.5             | 20.2        | 38.7            | 56.0               | -17.3                  |
| 9.200      | 22.1             | 20.4        | 42.5            | 60.0               | -17.5                  |
| 8.840      | 22.1             | 20.4        | 42.5            | 60.0               | -17.5                  |

Peak Data - vs - Average Limit

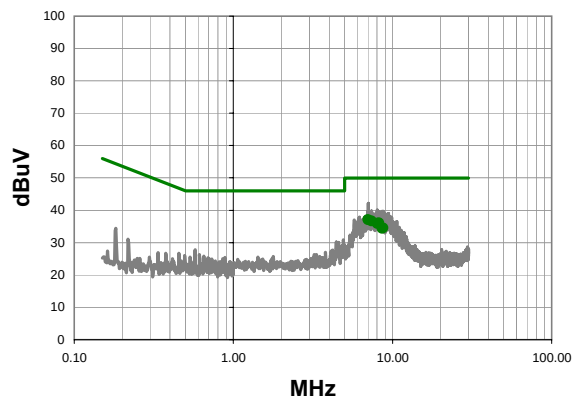
| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.030      | 26.1             | 20.4        | 46.5            | 50.0               | -3.5                   |
| 7.370      | 25.5             | 20.4        | 45.9            | 50.0               | -4.1                   |
| 8.190      | 24.7             | 20.4        | 45.1            | 50.0               | -4.9                   |
| 6.200      | 24.6             | 20.3        | 44.9            | 50.0               | -5.1                   |
| 6.520      | 23.7             | 20.3        | 44.0            | 50.0               | -6.0                   |
| 0.153      | 29.4             | 20.2        | 49.6            | 55.8               | -6.3                   |
| 6.660      | 23.2             | 20.3        | 43.5            | 50.0               | -6.5                   |
| 7.990      | 23.1             | 20.4        | 43.5            | 50.0               | -6.5                   |
| 8.500      | 23.1             | 20.4        | 43.5            | 50.0               | -6.5                   |
| 6.090      | 23.2             | 20.3        | 43.5            | 50.0               | -6.5                   |
| 0.170      | 28.2             | 20.2        | 48.4            | 54.9               | -6.6                   |
| 8.690      | 22.9             | 20.4        | 43.3            | 50.0               | -6.7                   |
| 0.577      | 19.1             | 20.2        | 39.3            | 46.0               | -6.7                   |
| 0.164      | 28.3             | 20.2        | 48.5            | 55.3               | -6.8                   |
| 0.191      | 26.8             | 20.2        | 47.0            | 54.0               | -7.0                   |
| 0.614      | 18.7             | 20.2        | 38.9            | 46.0               | -7.1                   |
| 0.210      | 25.9             | 20.2        | 46.1            | 53.2               | -7.2                   |
| 0.544      | 18.5             | 20.2        | 38.7            | 46.0               | -7.3                   |
| 9.200      | 22.1             | 20.4        | 42.5            | 50.0               | -7.5                   |
| 8.840      | 22.1             | 20.4        | 42.5            | 50.0               | -7.5                   |

|                                               |                                                                         |                          |                                        |                          |    |
|-----------------------------------------------|-------------------------------------------------------------------------|--------------------------|----------------------------------------|--------------------------|----|
| <b>Work Order:</b>                            | INMC0575                                                                | <b>Date:</b>             | 08/11/10                               | <i>Roddy Le Pelouin</i>  |    |
| <b>Project:</b>                               | None                                                                    | <b>Temperature:</b>      | 22 °C                                  |                          |    |
| <b>Job Site:</b>                              | EV07                                                                    | <b>Humidity:</b>         | 53                                     |                          |    |
| <b>Serial Number:</b>                         | R11                                                                     | <b>Barometric Pres.:</b> | 1014.8 mb                              |                          |    |
| <b>EUT:</b>                                   | RC12                                                                    |                          |                                        |                          |    |
| <b>Configuration:</b>                         | 3 - AC Power Conducted Emissions                                        |                          |                                        |                          |    |
| <b>Customer:</b>                              | Intermec Technologies Corporation                                       |                          |                                        |                          |    |
| <b>Attendees:</b>                             | none                                                                    |                          |                                        |                          |    |
| <b>EUT Power:</b>                             | 3.3 VDC from 120VAC                                                     |                          |                                        |                          |    |
| <b>Operating Mode:</b>                        | Transmitting, 802.11(a), 6 Mbps, 5470 - 5725 MHz Band, High Channel 140 |                          |                                        |                          |    |
| <b>Deviations:</b>                            | No deviations.                                                          |                          |                                        |                          |    |
| <b>Comments:</b>                              | Linear lab power supply                                                 |                          |                                        |                          |    |
| <b>Test Specifications</b><br>FCC 15.207:2010 |                                                                         |                          | <b>Test Method</b><br>ANSI C63.10:2009 |                          |    |
| <b>Run #</b>                                  | 26                                                                      | <b>Line:</b>             | Neutral                                | <b>Ext. Attenuation:</b> | 20 |
| <b>Results</b>                                |                                                                         |                          |                                        | Pass                     |    |

Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit



Quasi Peak Data - vs - Quasi Peak Limit

| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.028      | 22.0             | 20.4        | 42.4            | 60.0               | -17.6                  |
| 7.388      | 21.5             | 20.4        | 41.9            | 60.0               | -18.1                  |
| 8.202      | 21.1             | 20.4        | 41.5            | 60.0               | -18.5                  |
| 8.012      | 20.8             | 20.4        | 41.2            | 60.0               | -18.8                  |
| 8.728      | 19.6             | 20.4        | 40.0            | 60.0               | -20.0                  |
| 8.596      | 19.5             | 20.4        | 39.9            | 60.0               | -20.1                  |

Average Data - vs - Average Limit

| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Compared to Spec. (dB) |
|------------|------------------|-------------|-----------------|--------------------|------------------------|
| 7.028      | 16.7             | 20.4        | 37.1            | 50.0               | -12.9                  |
| 7.388      | 16.3             | 20.4        | 36.7            | 50.0               | -13.3                  |
| 8.202      | 15.7             | 20.4        | 36.1            | 50.0               | -13.9                  |
| 8.012      | 15.5             | 20.4        | 35.9            | 50.0               | -14.1                  |
| 8.728      | 14.1             | 20.4        | 34.5            | 50.0               | -15.5                  |
| 8.596      | 14.0             | 20.4        | 34.4            | 50.0               | -15.6                  |



