Exhibit 6

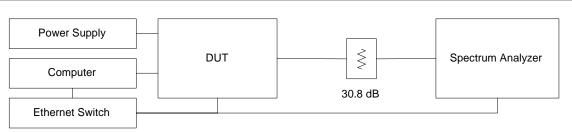
Test Report Part 2 FCC Part 27

EXHIBIT 6, PART 2 TABLE OF CONTENTS

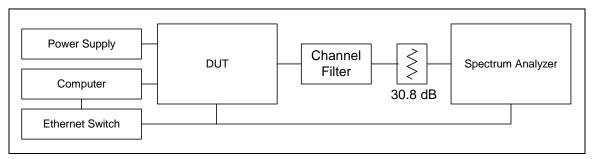
| SPURIOUS EMISSIONS AT ANTENNA TERMINALS | ; |
|--|---|
| FIELD STRENGTH OF SPURIOUS RADIATION | , |
| TUV Test Report | |
| FREQUENCY STABILITY TEST | • |
| Frequency Stability Temperature Variation Test Results |) |
| Freq. Stability Temperature Variation Spectrum Analyzer Plots (2-Watt)61 | |
| Freq. Stability Temperature Variation Spectrum Analyzer Plots (5-Watt)66 | |
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| Frequency Stability Voltage Variation Spectrum Analyzer Plots (2-Watt)72 | |
| Frequency Stability Voltage Variation Spectrum Analyzer Plots (5-Watt)74 | |

| Rule Part Number: | :: 2.1051, 2.1049, 2.1057 | |
|-------------------|---|--|
| | Frequency Range = 9 kHz to 26.50 GHz Attenuation (dB) below the power (W) supplied to the antenna transmission line Attenuation = 43 + 10 log P, or 70 dBc, whichever is less stringent Attenuation = 43 + 10log(2) = 46 dBc 2 watt transmit level Attenuation = 43 + 10log(5) = 50 dBc 5 watt transmit level (both equate to absolute level of -13 dBm) | |
| Standard: | TIA-603-B TIA Standard, Land Mobile FM or PM Communications Equipment, Measurement and Performance Standards | |
| Test Procedure: | The Orthogonal Frequency Division Multiplexing (OFDM) modulated Time Division Duplex (TDD) RF signal from the test unit is applied to a spectrum analyzer thru 30.8 dB of attenuation (coax and attenuators), or through an attenuator, notch filter and coax that was calibrated for RF loss at each harmonic frequency being tested. The transmission is recorded from 9 kHz to 26.5 GHz. The transmitter is enabled in test mode with the attached computer. The RF loss of the attenuators and coax was measured and is included in the spectrum analyzer offset level for the specific measurement being recorded. Measurements are performed at frequencies across the band and channel bandwidths (5.5 MHz and 6 MHz). All measurements utilized 4-QAM modulation. | |
| | For 2-watt tests, one data plot from each channel bandwidth is included for measurements below the BRS/EBS frequency band. All other channels measured had similar-looking spectral plots. For tests above the BRS/EBS frequency (2.7-26.5 GHz), plots for all channels are included. For 5-watt tests, a similar scheme was used except that with the tests below the BRS/EBS frequency band, one channel is shown at a bandwidth of 6 MHz. All the other channels had similar-looking plots. | |
| | For harmonic tests, plots are shown for the second harmonic of all test channels. Then the channel with the worst case second harmonic was chosen to show compliance for harmonics three to ten. The other channels tested have similar or lower harmonic levels. | |

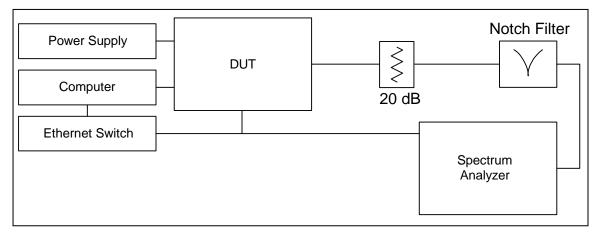
| Test Conditions: | <u>2-Watt Frequencies</u> = 5.5 MHz channels: 2504.75, 2565.25, 2626.75, and 2687.25 MHz 6.0 MHz channels: 2499, 2575, and 2621 MHz | |
|--|--|--|
| <u>5-Watt Frequencies</u> = 2503, 2593, and 2683 MHz | | |
| | Temperature = $25^{\circ}C$ Supply Voltage = 48.0 VDC nominal to the DUT | |
| Test Results: | Passes conducted emissions from 9 kHz to 26.86 MHz. | |
| Power Supply | DUT | |



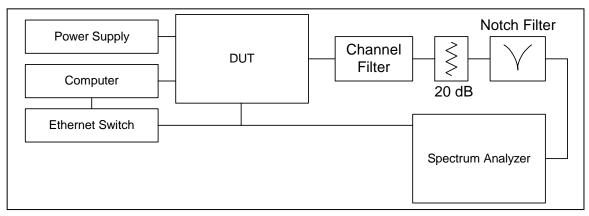
Spurious Emissions 2W Test Setup



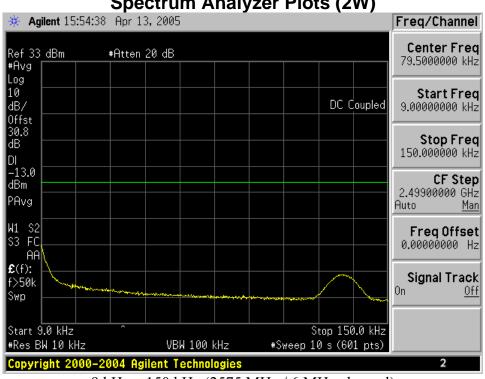
Spurious Emissions 5W Test Setup



Harmonic Emissions 2W Test Setup

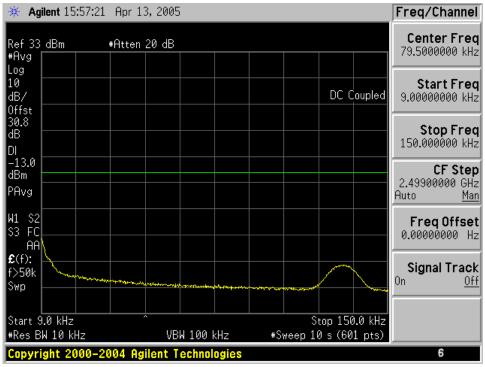


Harmonic Emissions 5W Test Setup

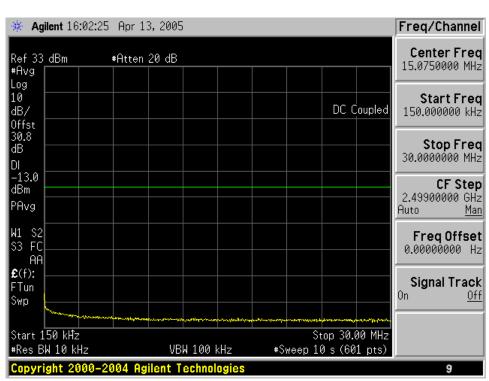


Spurious Emissions At Antenna Terminals Spectrum Analyzer Plots (2W)

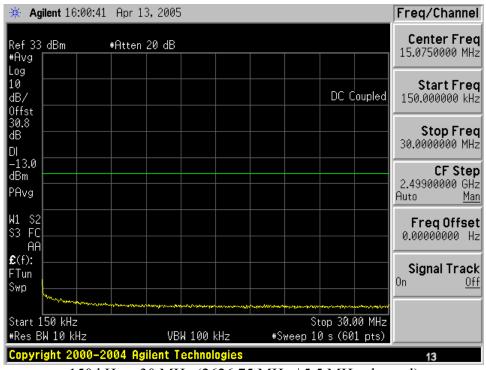
9 kHz – 150 kHz (2575 MHz / 6 MHz channel)



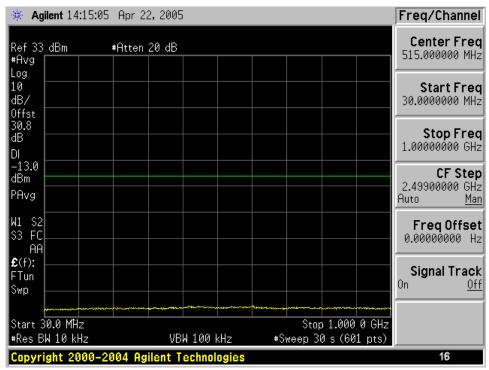
9 kHz – 150 kHz (2626.75 MHz / 5.5 MHz channel)



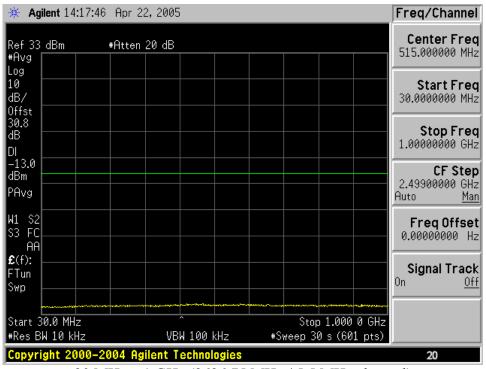
150 kHz - 30 MHz (2575 MHz / 6 MHz channel)



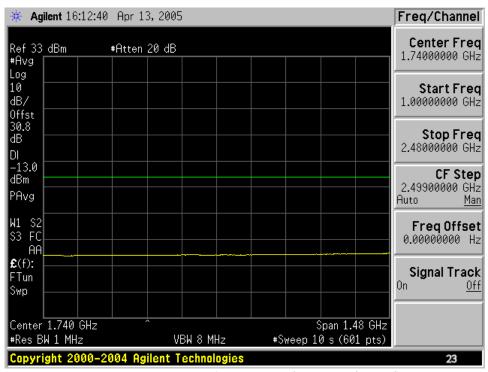
150 kHz - 30 MHz (2626.75 MHz / 5.5 MHz channel)



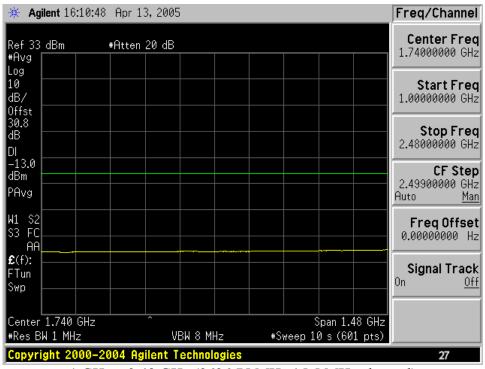
30 MHz – 1 GHz (2575 MHz / 6 MHz channel)



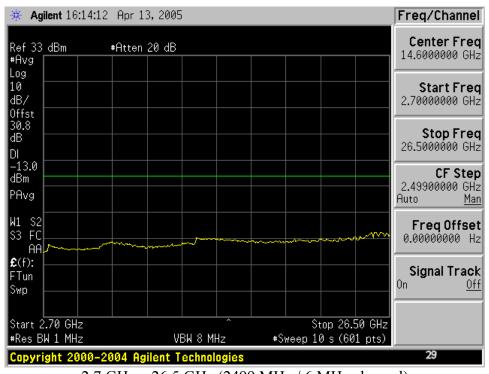
30 MHz – 1 GHz (2626.75 MHz / 5.5 MHz channel)



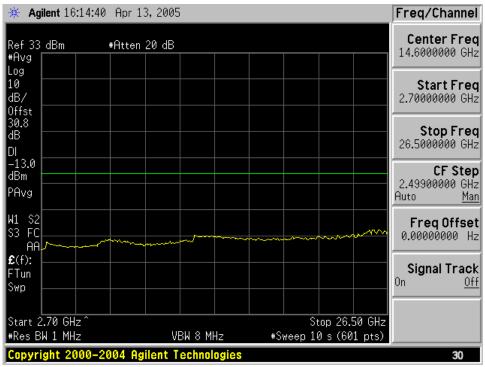
1 GHz – 2.48 GHz (2575 MHz / 6 MHz channel)



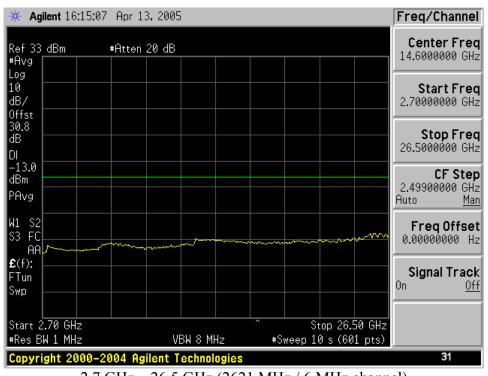
1 GHz - 2.48 GHz (2626.75 MHz / 5.5 MHz channel)



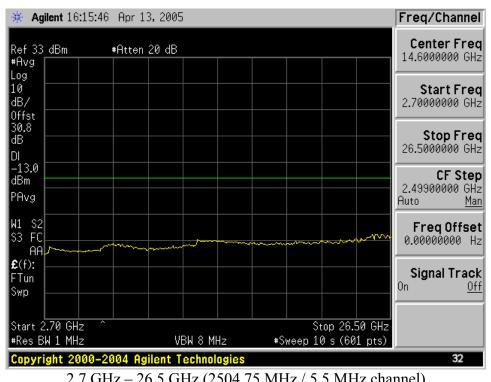
2.7 GHz – 26.5 GHz (2499 MHz / 6 MHz channel)



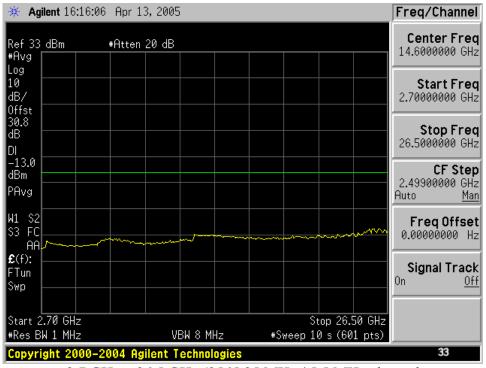
2.7 GHz – 26.5 GHz (2575 MHz / 6 MHz channel)



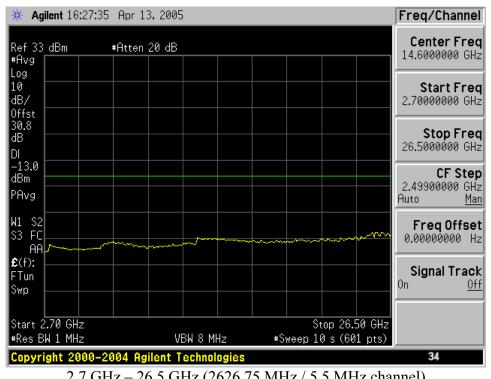
2.7 GHz – 26.5 GHz (2621 MHz / 6 MHz channel)



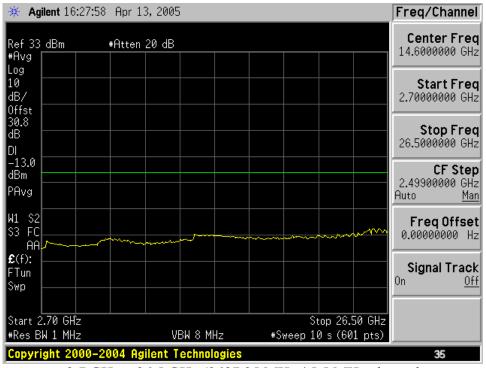
2.7 GHz – 26.5 GHz (2504.75 MHz / 5.5 MHz channel)



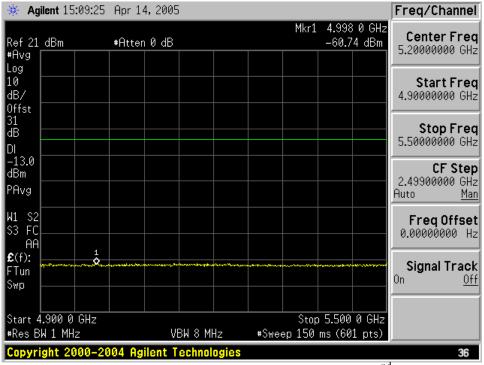
2.7 GHz – 26.5 GHz (2565.25 MHz / 5.5 MHz channel



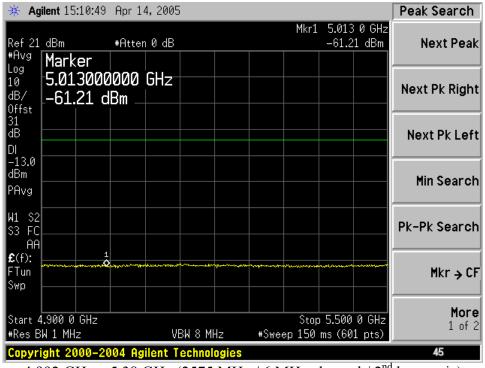
2.7 GHz - 26.5 GHz (2626.75 MHz / 5.5 MHz channel)



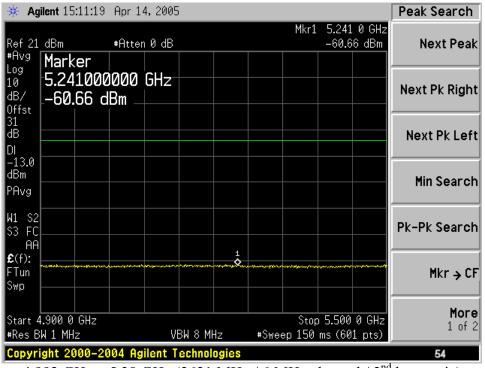
2.7 GHz – 26.5 GHz (2687.25 MHz / 5.5 MHz channel



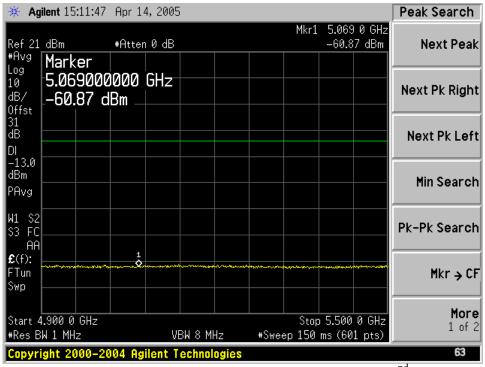
4.992 GHz – 5.38 GHz (2499 MHz / 6 MHz channel / 2nd harmonic)



4.992 GHz – 5.38 GHz (2575 MHz / 6 MHz channel / 2nd harmonic)



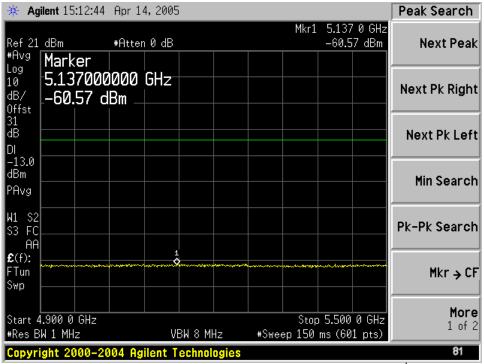
4.992 GHz – 5.38 GHz (2621 MHz / 6 MHz channel / 2nd harmonic)



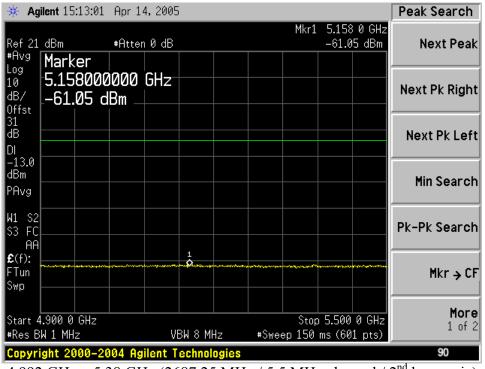
4.992 GHz – 5.38 GHz (2504.75 MHz / 5.5 MHz channel / 2nd harmonic)

| 🔆 Agilent 15:12:17 Apr 1 | 4,2005 | | Peak Search |
|--|-----------|---|----------------|
| - | n 0 dB | Mkr1 5.131 0 GHz -59.81 dBm | Next Peak |
| *Avg Log 10 5.131000000 dB/ offst -59.81 dBm _ | GHz | | Next Pk Right |
| 31 dB DI | | | Next Pk Left |
| -13.0 dBm PAvg | | | Min Search |
| W1 S2 S3 FC AA | 1 | | Pk-Pk Search |
| £(f): FTun Swp | × | | Mkr → CF |
| Start 4.900 0 GHz #Res BW 1 MHz | VBW 8 MHz | Stop 5.500 0 GHz #Sweep 150 ms (601 pts) | More 1 of 2 |
| Copyright 2000–2004 Ag | | es Alla / 5, 5, Milla chonnol / | 72 |

4.992 GHz – 5.38 GHz (2565.25 MHz / 5.5 MHz channel / 2nd harmonic)

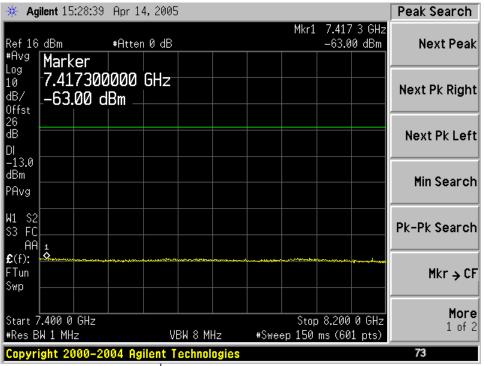


4.992 GHz – 5.38 GHz (2626.75 MHz / 5.5 MHz channel / 2nd harmonic)

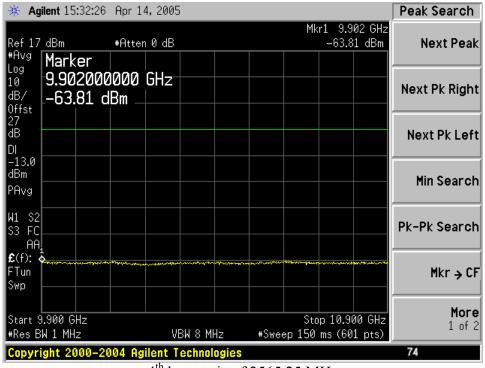


4.992 GHz – 5.38 GHz (2687.25 MHz / 5.5 MHz channel / 2nd harmonic)

Harmonic 3-8 Emissions At Antenna Terminals (2W)

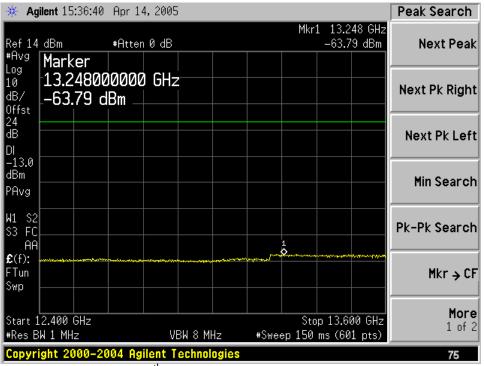


3rd harmonic of 2565.25 MHz

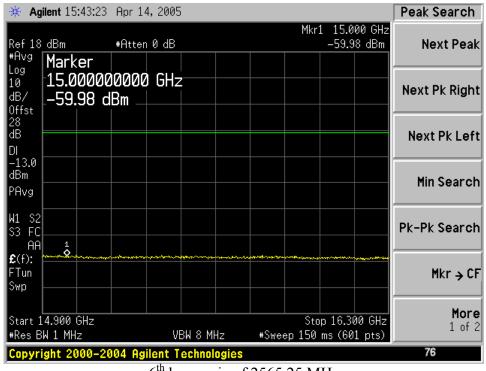


4th harmonic of 2565.25 MHz



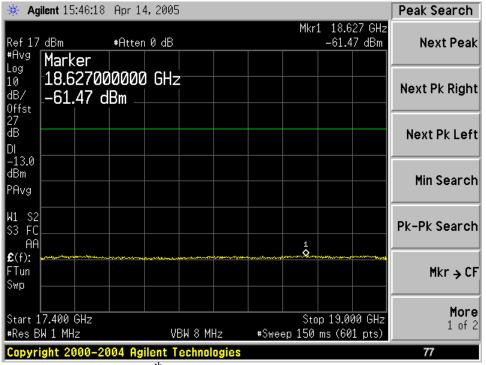


^{5&}lt;sup>th</sup> harmonic of 2565.25 MHz

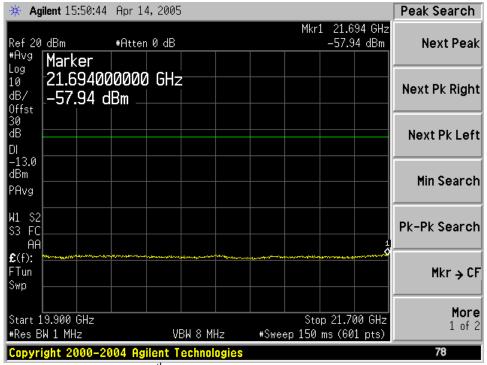


6th harmonic of 2565.25 MHz

Harmonic 3-8 Emissions At Antenna Terminals (2W)

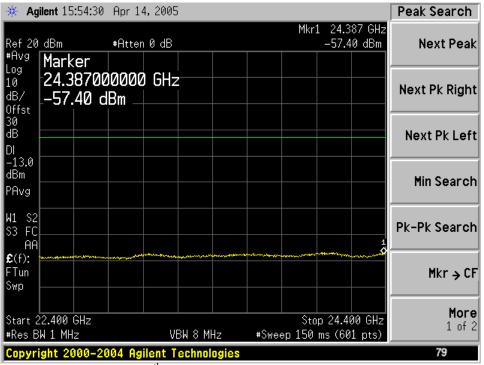


7th harmonic of 2565.25 MHz

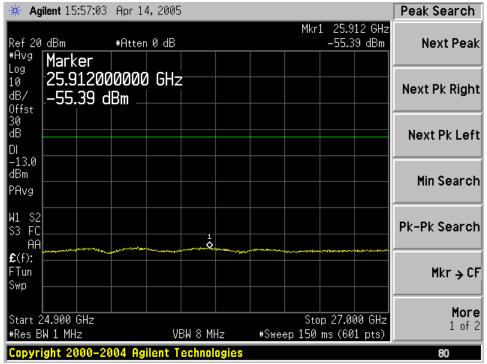


8th harmonic of 2565.25 MHz

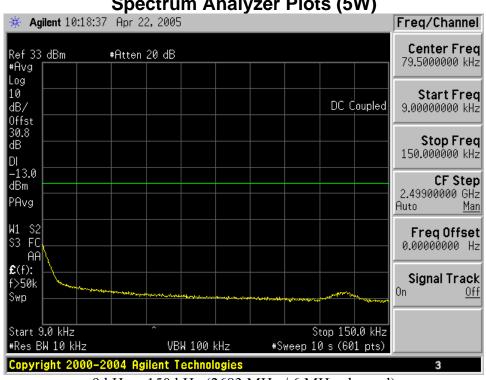
Harmonic 3-8 Emissions At Antenna Terminals (2W)



9th harmonic of 2565.25 MHz

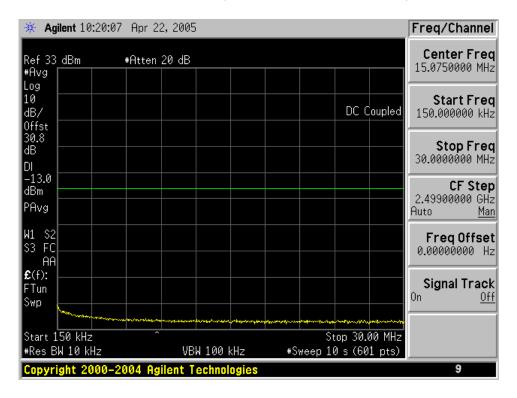


10th harmonic of 2565.25 MHz

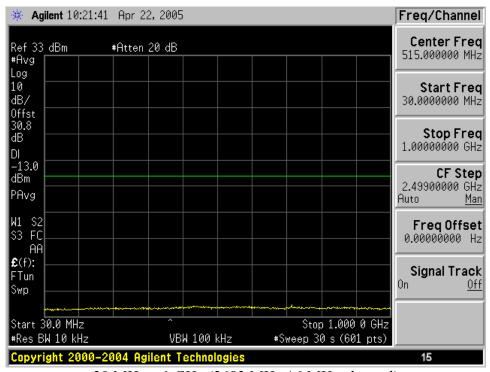


Spurious Emissions At Antenna Terminals Spectrum Analyzer Plots (5W)

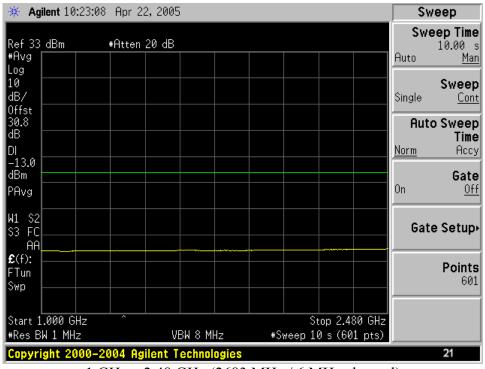
9 kHz - 150 kHz (2683 MHz / 6 MHz channel)



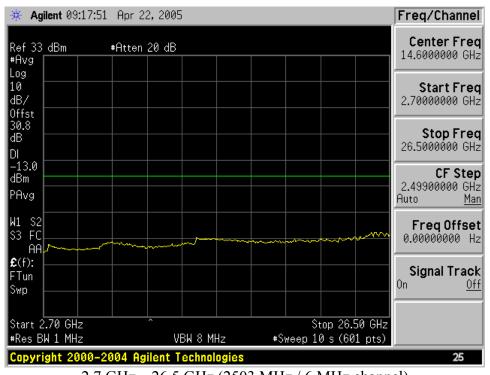
150 kHz - 30 MHz (2683 MHz / 6 MHz channel)

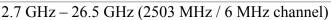


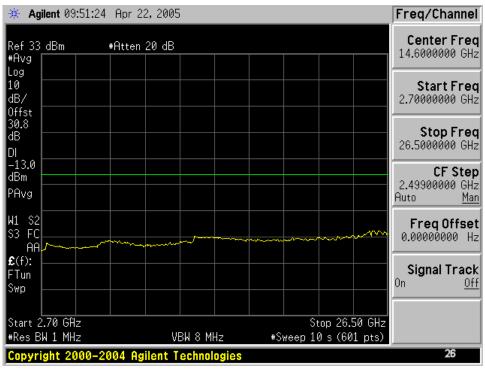
30 MHz – 1 GHz (2683 MHz / 6 MHz channel)



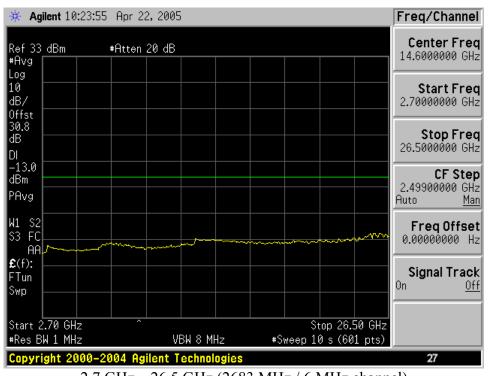
1 GHz - 2.48 GHz (2683 MHz / 6 MHz channel)



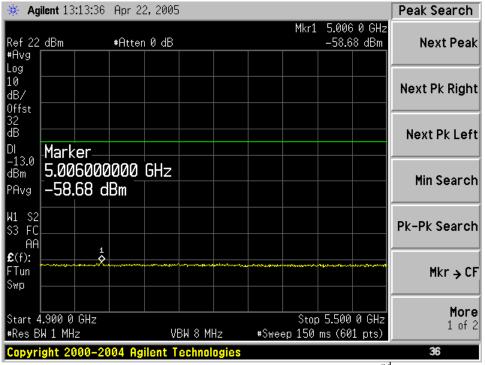




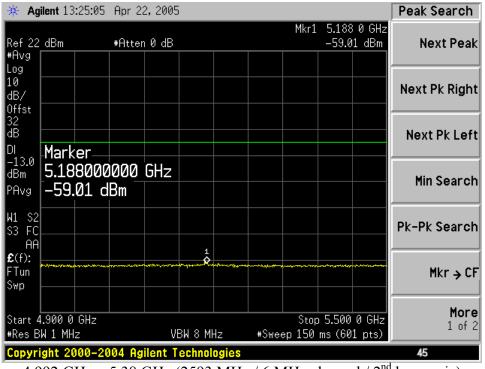
2.7 GHz - 26.5 GHz (2593 MHz / 6 MHz channel)



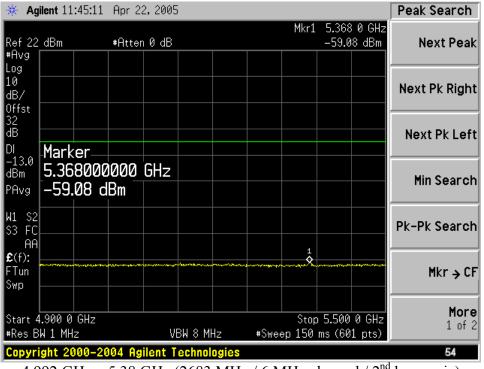
2.7 GHz – 26.5 GHz (2683 MHz / 6 MHz channel)



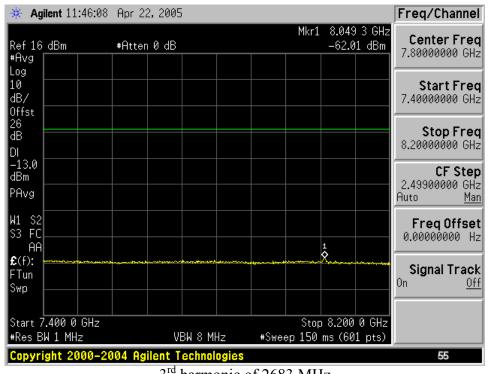
4.992 GHz – 5.38 GHz (2503 MHz / 6 MHz channel / 2nd harmonic)



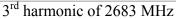
4.992 GHz – 5.38 GHz (2593 MHz / 6 MHz channel / 2nd harmonic)

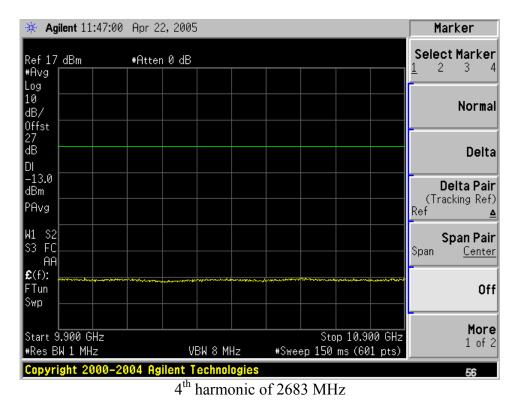


4.992 GHz – 5.38 GHz (2683 MHz / 6 MHz channel / 2nd harmonic)

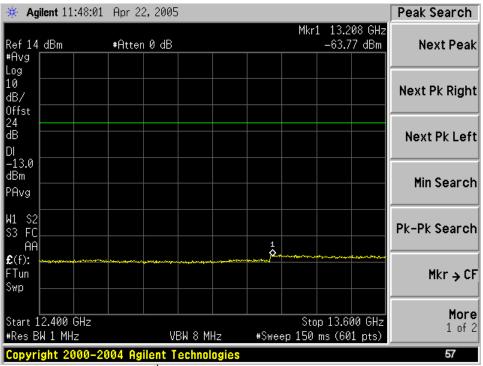


Harmonic 3, 4 Emissions At Antenna Terminals (5W)

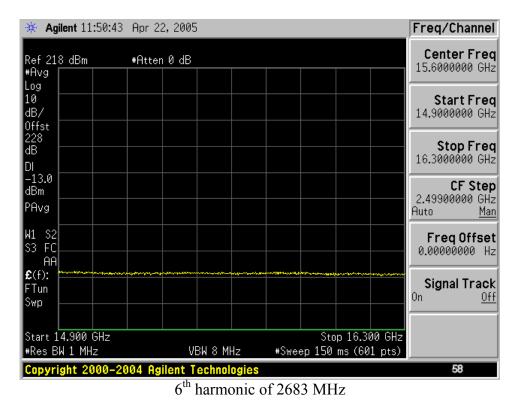




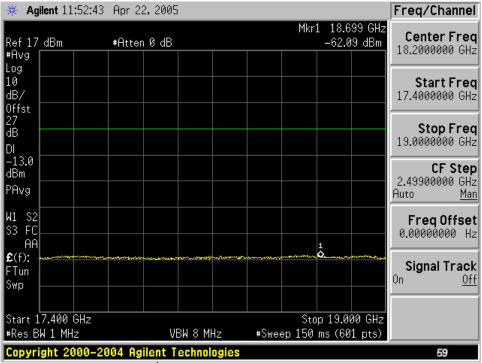




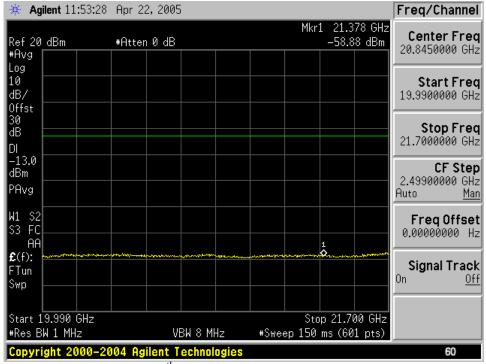
^{5&}lt;sup>th</sup> harmonic of 2565.25 MHz





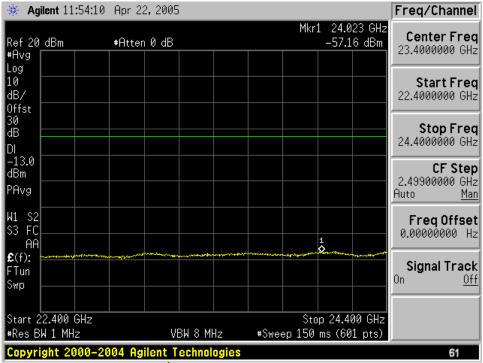


7th harmonic of 2565.25 MHz

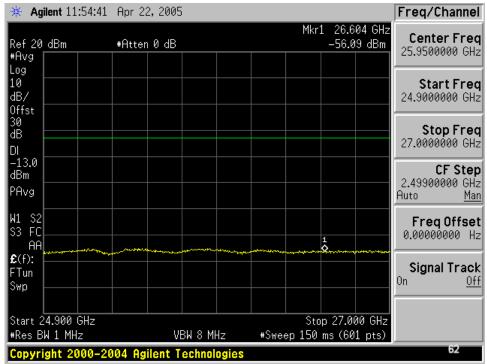


8th harmonic of 2683 MHz

Harmonic 9, 10 Emissions At Antenna Terminals (5W)



9th harmonic of 2683 MHz



10th harmonic of 2683 MHz

Field Strength Of Spurious Radiation

| Rule Part Number: | 2.1053, 2.1049, 2.1057 | |
|-------------------|---|--|
| | Frequency Range = 30 MHz to 26.86 GHz Case Radiation Attenuation = 43+10logP = -13 dBm maximum | |
| Standards: | TIA-603-B TIA Standard, Land Mobile FM or PM Communications Equipment, Measurement and Performance Standards | |
| | ANSI C63.4-2001 clause 5.4 Radiated Emissions Tests. American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz. | |
| Test Procedure: | The field strength of spurious radiation was measured at an open area test site with the applicable measurement antennas, low noise amplifiers, and spectrum analyzers. This test was performed with the transmitter connected to the integral antenna. Measurements were performed by TUV America located in Taylors Falls, Minnesota on April 6, 2005. Spurious signals were maximized for peak level by rotation of the test unit and elevation of the measurement antenna. Verification of compliance to the emissions limit was accomplished by antenna substitution. The TUV report indicates that the tested unit was a model number BTS-2500-F, this was an error in the data sheet sent to TUV, the actual tested product was a BTS-2500-C. | |
| Test Conditions: | Frequency = 2499, 2626.75, 2687.25 MHz Temperature = $25^{\circ}C$ Supply Voltage = 48.0 VDC nominal | |
| Test Results: | Passes Field Strength of Spurious Radiation | |

TUV Test Report



TEST RESULT SUMMARY FCC PART 15 SUBPART B, Class A Limit **FCC PART 2.1053** MANUFACTURER'S NAME NextNet Wireless, Incorporated NAME OF EQUIPMENT Expedience 2.5-2.7 GHz Base Station TYPE OF EQUIPMENT **BRS/EBS Base Site Transceiver** MODEL NUMBER 900-0350-XXXX MANUFACTURER'S ADDRESS 9555 James Avenue South, Suite 270 Bloomington MN 55431 TEST REPORT NUMBER WC501665 TEST DATE 06 April 2005 According to testing performed at TÜV Product Service Inc, the above-mentioned unit is in compliance with the electromagnetic compatibility requirements defined in FCC Part 15 and FCC Part 2.1053. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical characteristics. Any modifications necessary for compliance made during testing on the above mentioned date(s) must be implemented in all production units for compliance to be maintained. TÜV Product Service Inc, as an independent testing laboratory, declares that the equipment tested as specified above conforms to the requirements of FCC Part 15 and FCC Part 2.1053. Date: 12 April 2005 Thomas K. Swamon SM L Location: Taylors Falls MN R. M. Johnson T. K. Swanson USA Tested By **Technical Writer** Not Transferable



| EMCEMISSION - TEST REPORT | | | | |
|---|--|--|--|--|
| Test Report File No. | : WC501665 Date of issue: <u>12 April 2005</u> | | | |
| Model No. | : 900-0350-XXXX | | | |
| Product Name | : Expedience 2.5-2.7 GHz Base Station | | | |
| Product Type | BRS/EBS Base Site Transceiver | | | |
| Applicant | : NextNet Wireless, Incorporated | | | |
| Manufacturer | : NextNet Wireless, Incorporated | | | |
| License holder | : NextNet Wireless, Incorporated | | | |
| Address | : 9555 James Avenue South, Suite 270 | | | |
| | Bloomington MN 55431 | | | |
| Test Result | : ■ Positive □ Negative | | | |
| Test Project Number Reference(s) | : WC501665 | | | |
| Total pages including Appendices | 42 | | | |
| TÜV Product Service Inc is a EN 45001. | TÜV Product Service Inc is a subcontractor to TÜV Product Service, GmbH according to the principles outlined in ISO/IEC Guide 25 and EN 45001. | | | |
| responsibility to assure that a | orts apply only to the specific samples tested under stated test conditions. It is the manufacturer's additional production units of this model are manufactured with identical electrical and mechanical iervice Inc shall have no liability for any deductions, inferences or generalizations drawn by the client or others c issued reports. | | | |
| This report is the confidential property of the client. As a mutual protection to our clients, the public and ourselves, extracts from the test report shall not be reproduced except in full without our written approval. This report shall not be used by the client to claim product endorsement by NVLAP or any agency of the US government. | | | | |
| TUV Product Service (nc and its professional staff hold government and professional organization certifications and are members of AAMI, ACIL, AEA, ANSI, IEEE, NVLAP, and VCCI | | | | |
| | File No. WC501665, Page 1 of 13 | | | |
| TÜV PRODUCT SERVICE INC | 19333 Wild Mountain Road Taylors Falls MN 55084-1758 Tel: 651 638 0297 Fax: 651 638 0298 Rev.No 1.0 | | | |

Τΰν

| | | | PRODUCT SERVICE | | |
|----|--|---------------------|-----------------|--|--|
| | DIRECTORY - EMISSIONS | | | | |
| A) | Documentation | | Page(s) | | |
| | Test report | | 1 - 11 | | |
| | Directory | | 2 | | |
| | Test Regulations | | 3 | | |
| | Deviations from standard / Summary | | 10 | | |
| | Test-setups (Photos) | | 11 - 13 | | |
| | Test-setup (drawing) | | Appendix A | | |
| B) | Test data | | | | |
| | Conducted emissions | 10/150 kHz - 30 MHz | 5, 9 | | |
| | Radiated emissions | 10 kHz - 30 MHz | 5, 9 | | |
| | Radiated emissions | 30 MHz - 1000 MHz | 6, 9 | | |
| | Interference power | 30 MHz - 300 MHz | 6, 9 | | |
| | Equivalent Radiated emissions | 1 GHz - 26 GHz | 7, 9 | | |
| C) | Appendix A | | | | |
| | Test Data Sheets and Test Setup Drawing(s) | | A2 – A19 | | |
| D) | Appendix B | | | | |
| | Constructional Data Form | | B2 – B8 | | |
| | Product Information Form(s) | | N/A | | |
| E) | Appendix C | | | | |
| | Measurement Protocol | | C1 - C2 | | |
| | | | | | |
| | | | | | |

NextNet[®] Wireless, Inc. 9555 James Ave. South Suite 270 Bloomington, MN 55431

TÜV PRODUCT SERVICE INC 19333 Wild Mountain Road

File No. WC501665, Page 2 of 13

Taylors Falls MN 55084-1758 Tel: 651 638 0297 Fax: 651 638 0298 Rev.No 1.0

| | | | PRODUCT SERVICE |
|--|--------------------------|--|---|
| EMISSIONS TEST R | EGULATIONS : | | |
| The emissions tests were | | | |
| - EN 50081-1 / 1991 - EN 55011 / 1991 - EN 55013 / 1990 - EN 55014 / 1987 | | □ - Group 1 □ - Class A □ - Household applia □ - Portable tools □ - Semiconductor de | |
| □ - EN 55014 / A2:1990 □ - EN 55014 / 1993 □ - EN 55015 / 1987 | | Household applia Portable tools Semiconductor de | nces and similar |
| □ - EN 55015 / A1:1990 □ - EN 55015 / 1993 □ - EN 55022 / 1987 □ - EN 55022 / 1994 | | □ - Class A □ - Class A | □ - Class B □ - Class B |
| □ - BS □ - VCCI ■ - FCC Part 15 Subpart E ■ - FCC Part 2.1053 □ - AS 3548 (1992) | 3 | □ - Class A ■ - Class A □ - Class A | □ - Class B □ - Class B □ - Class B |
| □ - CISPR 11 (1990) □ - CISPR 22 (1993) | | □ - Group 1 □ - Class A □ - Class A | □ - Group 2 □ - Class B □ - Class B |
| | | | |
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| TÜV PRODUCT SERVICE INC | 19333 Wild Mountain Road | Taylors Falls MN 55084-1758 | File No. WC501665, Page 3 of 13 Tel: 651 638 0297 Fax: 651 638 0298 Rev.No 1.0 |



Environmental conditions in the lab:

Temperature: Relative Humidity Atmospheric pressure Power supply system Actual : 21 °C : 29 % : 98.0 kPa : 115 VAC / 60 Hz / 1-phase

Sign Explanations:

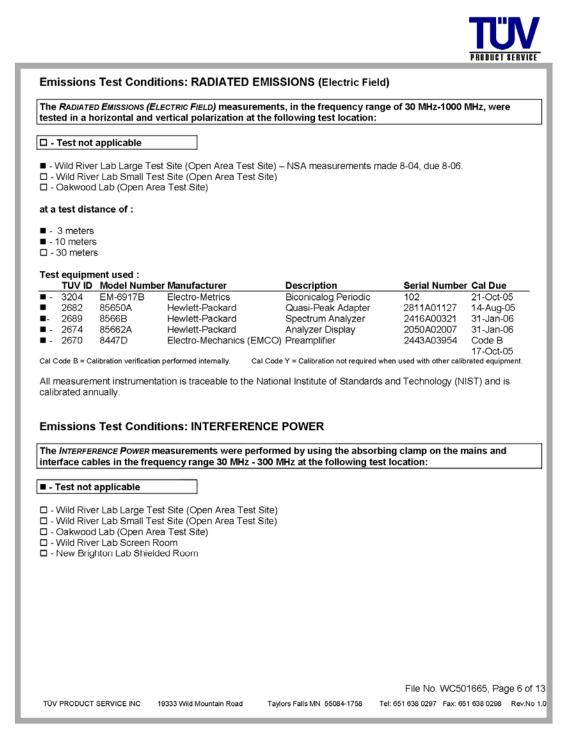
not applicable
 applicable

 File No.
 WC501665
 Page 4 of 13

 TÜV PRODUCT SERVICE INC
 19333 Wild Mountain Road
 Taylors Falls MN 55084-1758
 Tel: 651 638 0297
 Fax: 651 638 0298
 Rev.No 1.0

| PI | RODUCT SERVICE |
|--|----------------|
| Emissions Test Conditions: CONDUCTED EMISSIONS (Interference Voltage) | |
| The CONDUCTED EMISSIONS (INTERFERENCE VOLTAGE) measurements were performed at the following | test location: |
| - Test not applicable | |
| Wild River Lab Large Test Site (Open Area Test Site) Wild River Lab Small Test Site (Open Area Test Site) | |

| 🗆 - Test no | t applicable | | | | |
|--|----------------------------------|---|---|--------------------------------------|-----------------------|
| Wild Riv Oakwoo Wild Riv | | Room | | | |
| Test equipr | | ber Manufacturer | Description | Serial Numb | er Cal Due |
| ■ - 2416 | | Electro-Mechanics (E | | 8812-1437 | Code B 05-Jan-06 |
| ■ - 3800 Cal Code B = 0 | ESCS 30 Calibration verificat | Rhode & Schwarz ion performed internally. C | EMI Receiver al Code Y = Calibration not require | 100312 ed when used with other ca | 18-Jan-06 |
| calibrated ar Emission | | ditions: RADIATED E | MISSIONS (Magnetic | Field) | |
| The R ADIATI | ED E MISSIONS (| MAGNETIC FIELD) measure | ements were performed a | t the following test I | ocation: |
| ■ - Test not | t applicable | | | | |
| 🗆 - Wild Riv | | est Site (Open Area Test est Site (Open Area Test area Test Site) | | | |
| at a test dis | stance of : | | | | |
| □ - 3 meter □ - 30 mete | - | | | | |
| L - 50 mete | 15 | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | File No. WC | 501665, Page 5 of 1 |
| TÜV PRODUC | T SERVICE INC | 19333 Wild Mountain Road | Taylors Falls MN 55084-1758 | Tel: 651 638 0297 Fax: | 651 638 0298 Rev.No 1 |



| | | | | | TUV PRODUCT SERVICE |
|--|--|--|---|--|--|
| Emissions | s Test Condit | tions: RADIATED EMIS | SSIONS (Electric Fie | ld) | |
| | | MISSIONS measurements in arization at the following te | | GHz – 26 GHz were | performed in a |
| 🗆 - Test not | applicable | | | | |
| - Wild Rive - Oakwood | | | | | |
| at a test dist | tance of: | | | | |
| □ - 1 meter ■ - 3 meter □ - 10 meter | s | | | | |
| Test equipm | | er Manufacturer | Description | Serial Number | Cal Due |
| 2682 2689 2674 3957 | 85650A 8566B 85662A SL18B4020 | Hewlett-Packard Hewlett-Packard Hewlett-Packard Phase One Microwave | Quasi-Peak Adapter Spectrum Analyzer Analyzer Display Preamplifier 1 – 18 Gl | 2811A01127 2416A00321 2050A02007 | 14-Aug-05 31-Jan-06 31-Jan-06 Code B 17-Oct-05 |
| ■ - 2075 Cal Code B = Ca | 3115 alibration verification | Electro-Mechanics (EMCC performed internally. Cal Co | 0) Ridge Guide Ant. 1-18 de Y = Calibration not required | | 24-Nov-05 |
| All measuren calibrated an | | ation is traceable to the Natio | onal Institute of Standard | is and Technology (Ni | ST) and is |
| TÜV PRODUCT | SERVICE INC 1 | 19333 Wild Mountain Road Ta | ylors Falls MN 55084-1758 | File No. WC50 Tel: 651 638 0297 Fax: 65 | 1665, Page 7 of 13 1 638 0298 Rev.No 1.0 |

| quipment Under Test (EU |) Test Operation Mode - Emission tests : | |
|---|--|--------|
| he device under test was oper | ed under the following conditions during emissions testing: | |
| I - Standby | | |
| l - Test program (H - Pattern) | | |
| l - Test program (color bar) | | |
| - Test program (customer speci | >) | |
| - Practice operation | | |
| - Normal Operating Mode | | |
| procedures. | 5B radiated emissions from 30 MHz to 13.45 GHz per ANSI C63.4 onducted limits per ANSI C63.4-2003 procedures. | 1-2003 |
| - See Constructional Data Form - See Product Information Form | n Appendix B - Pages B2 n Appendix B - beginning on Page B3 | t: |
| | n Appendix B - Pages B2 | t: |
| - See Constructional Data Form - See Product Information Form ne following peripheral device | n Appendix B - Pages B2 n Appendix B - beginning on Page B3 and interface cables were connected during the measurement | |
| - See Constructional Data Form - See Product Information Form he following peripheral device | n Appendix B - Pages B2 n Appendix B - beginning on Page B3 and interface cables were connected during the measurement Type : Type : | |
| - See Constructional Data Form - See Product Information Form ne following peripheral device | n Appendix B - Pages B2 n Appendix B - beginning on Page B3 and interface cables were connected during the measurement Type : Type : Type : | |
| - See Constructional Data Form - See Product Information Form he following peripheral device | n Appendix B - Pages B2 n Appendix B - beginning on Page B3 and interface cables were connected during the measurement Type : Type : Type : Type : | |
| - See Constructional Data Form - See Product Information Form the following peripheral device | n Appendix B - Pages B2 n Appendix B - beginning on Page B3 and interface cables were connected during the measurement Type : Type : Type : Type : Type : | |
| - See Constructional Data Form - See Product Information Form ne following peripheral device | n Appendix B - Pages B2 n Appendix B - beginning on Page B3 and interface cables were connected during the measurement Type : Type : Type : Type : Type : Type : Type : | |
| - See Constructional Data Form - See Product Information Form ne following peripheral device | n Appendix B - Pages B2 n Appendix B - beginning on Page B3 and interface cables were connected during the measurement Type : Type : Type : Type : Type : Type : Type : | |
| - See Constructional Data Form - See Product Information Form e following peripheral device | n Appendix B - Pages B2 n Appendix B - beginning on Page B3 and interface cables were connected during the measurement Type : Type : Type : Type : Type : Type : Type : Type : Type : | |
| See Constructional Data Form See Product Information Form e following peripheral device | n Appendix B - Pages B2 n Appendix B - beginning on Page B3 and interface cables were connected during the measurement Type : Type : Type : Type : Type : Type : Type : Type : Type : | |
| See Constructional Data Form See Product Information Form following peripheral device | n Appendix B - Pages B2 n Appendix B - beginning on Page B3 and interface cables were connected during the measurement Type : Type : Type : Type : Type : Type : Type : Type : Type : | |
| - See Constructional Data Form - See Product Information Form te following peripheral device | n Appendix B - Pages B2 n Appendix B - beginning on Page B3 and interface cables were connected during the measurement Type : Type : | |

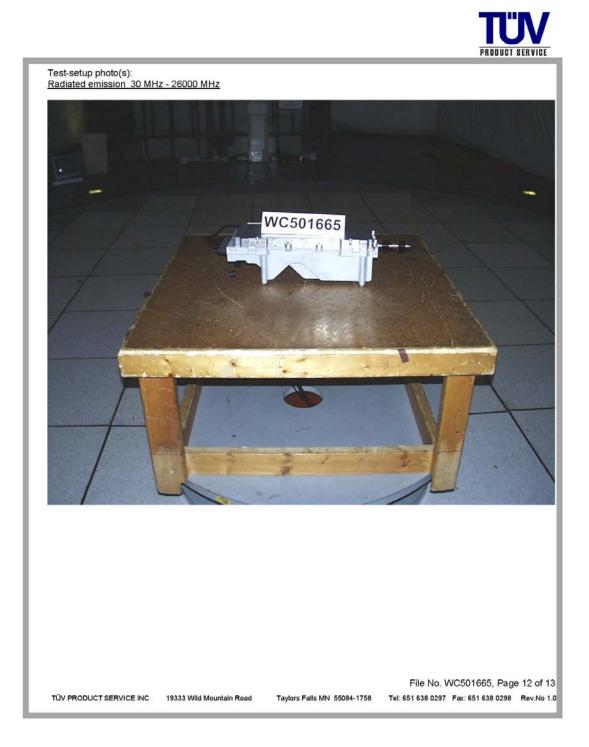
4

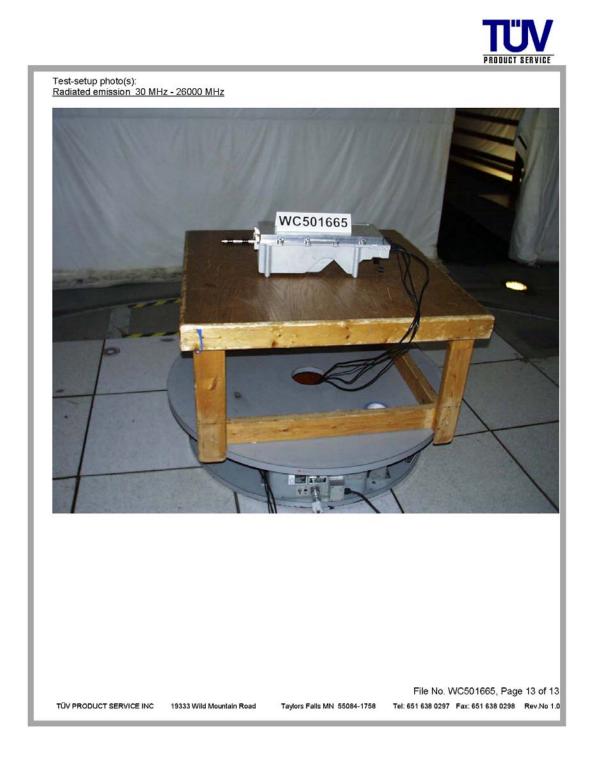
| TÜV |
|-----------------|
| PRODUCT SERVICE |

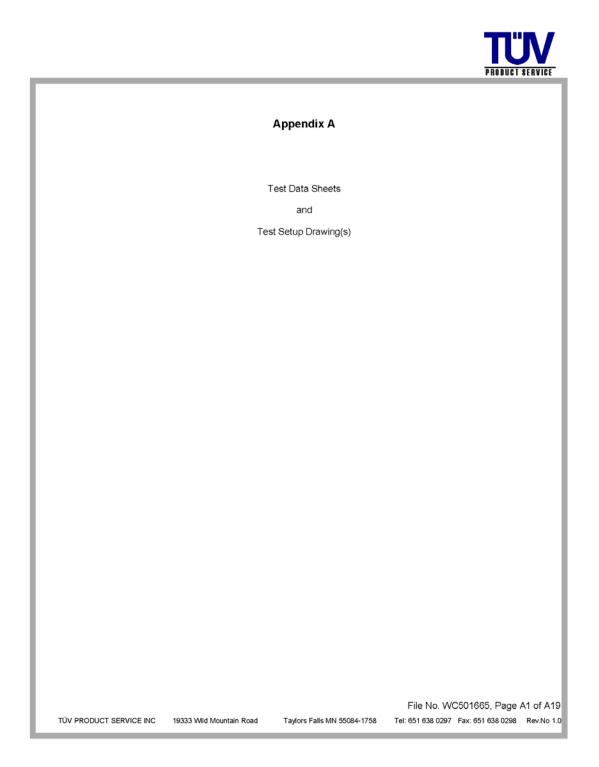
| Conducted emissions 10/150 kHz - 30 MHz - | | |
|--|---|--|
| The requirements are | ■ - MET | - NOT MET |
| Minimum margin of compliance | <u>3</u> dB | at <u>23.2</u> MHz |
| Maximum margin of non-compliance | dB | at MHz |
| Remarks: | | |
| Radiated emissions (electric field) 30 MHz - | | |
| The requirements are | ■ - MET | - NOT MET |
| Minimum margin of compliance | <u>5</u> dB | at <u>86.3</u> MHz |
| Maximum margin of non-compliance | dB | at MHz |
| Remarks: | | |
| Equivalent Radiated emissions 1 GHz - 13 G | Hz – FCC Part 15 Subpart B ■ - MET | - NOT MET |
| The requirements are | ■ - IVIE I dB | |
| Minimum margin of compliance Maximum margin of non-compliance | dB | |
| Remarks: <u>No emissions detected above the n</u> | | |
| radiated enhissions (electric field) of finite | 1000 11112 1 00 1 410 2.1000 | |
| The requirements are | - MET | - NOT MET |
| The requirements are Minimum margin of compliance | | |
| Minimum margin of compliance | <u>32</u> dB | at85.7 MHz |
| | <u>32</u> dB dB | |
| Minimum margin of compliance Maximum margin of non-compliance Remarks: Radiated emissions (electric field) 1 GHz - 27 | dB dB 7 GHz – FCC Part 2.1053 | at <u>85.7</u> MHz at MHz |
| Minimum margin of compliance Maximum margin of non-compliance Remarks: | dB dB 7 GHz – FCC Part 2.1053 ■ - MET | at <u>85.7</u> MHz at MHz |
| Minimum margin of compliance Maximum margin of non-compliance Remarks: Rediated emissions (electric field) 1 GHz - 27 The requirements are Minimum margin of compliance | dB dB 7 GHz – FCC Part 2.1053 ■ - MET 29 dB | at <u>85.7</u> MHz at MHz D - NOT MET at <u>5150.0</u> MHz |
| Minimum margin of compliance Maximum margin of non-compliance Remarks: | dB dB 7 GHz – FCC Part 2.1053 ■ - MET | at <u>85.7</u> MHz at MHz |
| Minimum margin of compliance Maximum margin of non-compliance Remarks: | dB dB 7 GHz – FCC Part 2.1053 ■ - MET 29 dB | at <u>85.7</u> MHz at MHz D - NOT MET at <u>5150.0</u> MHz |
| Minimum margin of compliance Maximum margin of non-compliance Remarks: Radiated emissions (electric field) 1 GHz - 27 The requirements are Minimum margin of compliance Maximum margin of non-compliance | dB dB 7 GHz – FCC Part 2.1053 ■ - MET 29 dB | at <u>85.7</u> MHz at MHz D - NOT MET at <u>5150.0</u> MHz |



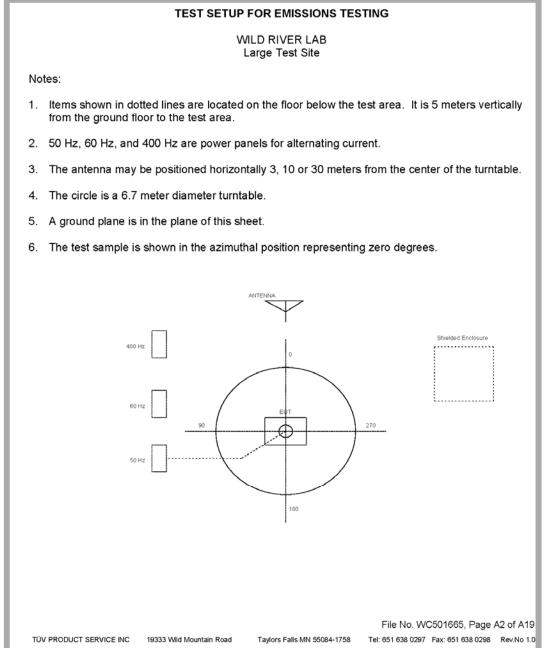
| DEVIATIONS FROM | STANDARD: | | |
|-------------------------------------|---------------------------|--|--|
| None | | | |
| GENERAL REMARK | S: | | |
| SUMMARY: | | | |
| The requirements accor | ding to the technical reg | gulations are | |
| - | | | |
| ■ - met | | | |
| □ - not met. | | | |
| The device under test d | oes | | |
| ■ - fulfill the general appropriate | proval requirements mer | ntioned on page 3. | |
| - not fulfill the generation | al approval requirements | mentioned on page 3. | |
| Testing Start Date: | 06 April | 1 2005 | |
| Testing End Date: | _06 April | 1 2005 | |
| - TÜV PRODUCT SE | RVICE INC - | | |
| Tested By: R. M. Johnson | | Thomes K T. K. Swanson Technical Write | |
| TÜV PRODUCT SERVICE INC | 19333 Wild Mountain Road | Taylors Falls MN 55084-1758 | File No. WC501665, Page 10 of 13 Tel: 651 638 0297 Fax: 651 638 0298 Rev.No 1.0 |











| | | RADIAT | ED EM | ISSIONS | | TÜ | |
|---|--|--|---|---|--|---|-----------------------------------|
| Test Report # | WC50166 | 65 Run 3 | Test Area: | LTS | | Ameri | ca |
| EUT Model # | BTS-2500 |)-F | Date: | 4/6/2005 | | | |
| EUT Serial # | 14798 | | EUT Power: | 60Hz/110VAC | Temperatur | re:21.0 | _ ∘C |
| Test Method | FCC 2.10 | 53 | | | Air Pressur | re: 98.0 | kPa |
| Customer | NEXTNE | T WIRELESS | | | Rel. Humidit | ty: 29.0 |) % |
| EUT Description | BASE ST | ATION | | | | | |
| Notes | : | | | | | | |
| Data File Name | : 1665.dat | | | | F | Page: 1 d | of 7 |
| List of mea | sureme | nts for run #: 3 | | | | | |
| FREQ | LEVEL (dBuV) | CABLE / ANT / PREAMP Substitution Factor (dB) | ?/ FINAL (dBm) | | DELTA1 -13 dBm < 1GHz | DEL -13 (> 1 (| βBm |
| the test report, u The cable betwe antenna has an a a 10 dB input att The signal gener signal generator gain equals the s | sing a signa en the signa additional 1. enuator. So ator level w level minus spurious pov (-6.21) = - | 45.4 final dBm power leve final dBm substitution leve | a dipole ante itenna has a i 15 dB gain of the dipole is 1 ir to match the ignal generat el at 85.7 MHz el (-45.4) and | nna. oss of 1.2 dB at 85.7 M a standard dipole . The .64 dB plus 2.15 dB min e measured EUT emission or to the substitute ante | Hz. The Schw e Schwarzbeck nus 10 dB = -6. ion level of 52.2 nna plus the su | arzbeck d dipole als 21 dB. 2 dBuV/m. ibstitute a | ipole so has . The ntenn |

Tested by: RMJ

Reviewed

by:

Rum **6**~

Signature

Printed

Printed

TKS

Thomas K. Swamon

Signature

File No. WC501665 Rev A, Page A13 of A19

RADIATED EMISSIONS



| Test Report | #: WC50166 | 65 Run 3 | Test Area: | LTS | | America |
|----------------|-------------------------|---|------------------|----------------------------|-----------------------------|------------------------------|
| EUT Model | #:BTS-2500 | D-F | Date: | 4/6/2005 | | |
| EUT Serial | #: 14798 | | EUT Power: | 60Hz/110VAC | Temperati | ure: <u>21.0</u> °C |
| Test Metho | d: _ FCC 2.10 | 953 | | | Air Press | ure: <u>98.0</u> kPa |
| Custome | er: NEXTNE | TWIRELESS | | | Rel. Humid | dity: 29.0 % |
| EUT Descriptio | n: BASE ST | ATION | | | | |
| Note | es: | | | | | |
| Data File Nam | ie: 1665.dat | | | | | Page: 1 of 7 |
| List of me | asureme | nts for run #: 3 | | | | |
| FREQ | LEVEL (dBuV) | CABLE / ANT / PREAMP Substitution Factor (dB) | / FINAL (dBm) | POL / HGT / AZ (m)(DEG) | DELTA1 -13 dBm < 1GHz | DELTA2 -13 dBm > 1 GHz |
| | (0.(00) #11.) 0 | | | | | |
| 30.441 MHz | (2499MHZ) 6N 44.9 Qp | MHz BANDWIDTH 0.43 / 20.22 / 27.39 / -97.6 | -59.45 | V/1.00/0 | -46.45 | n/a |
| 51.039 MHz | 50.8 Qp | 0.6 / 13.88 / 27.05 / -97.6 | -59.37 | V/1.00/0 | -46.37 | |
| 51.945 MHz | 49.7 Qp | 0.6 / 13.62 / 27.02 / -97.6 | -60.7 | V/1.00/0 | -47.7 | n/a |
| 63.303 MHz | 52.1 Qp | 0.66 / 10.71 / 27.0 / -97.6 | -61.13 | V/1.00/0 | -48.13 | n/a |
| 85.773 MHz | 63.9 Qp | 0.8 / 7.31 / 26.9 / -97.6 | -52.49 | | -39.49 | n/a |
| 108.47 MHz | 57.95 Qp | 0.84 / 9.3 / 27.04 / -97.6 | -56.55 | V/1.00/0 | -43.55 | n/a |
| 124.994 MHz | 45.9 Qp | 0.94 / 8.62 / 27.06 / -97.6 | -69.19 | V/1.00/0 | -56.19 | n/a |
| 130.16 MHz | 46.9 Qp | 1.0 / 8.45 / 27.0 / -97.6 | -68.25 | V/1.00/0 | -55.25 | n/a |
| 196.0 MHz | 41.35 Qp | 1.19 / 10.88 / 27.1 / -97.6 | -71.27 | V/1.00/0 | -58.27 | n/a |
| 214.129 MHz | 46.3 Qp | 1.22 / 10.65 / 27.12 / -97.6 | | V/1.00/0 | -53.55 | n/a |
| 475.988 MHz | 34.05 Qp | 1.87 / 16.78 / 27.9 / -97.6 | -72.8 | V/1.00/0 | -59.8 | n/a |
| 500.018 MHz | 33.9 Qp | 1.9 / 17.46 / 27.94 / -97.6 | -72.28 | V/1.00/0 | -59.28 | n/a |
| 503.978 MHz | 33.9 Qp | 1.9 / 17.7 / 27.95 / -97.6 | -72.05 | V/1.00/0 | -59.05 | n/a |
| 643.988 MHz | 31.25 Qp | 2.12 / 19.34 / 28.17 / -97.6 | | V/1.00/0 | -60.07 | n/a |
| 699.993 MHz | 33.55 Qp | 2.3 / 20.33 / 27.93 / -97.6 | -69.35 | V/1.00/0 | -56.35 | n/a |
| | | | | | | |
| 30.441 MHz | 47.95 Qp | 0.43/20.22/27.39/-97.6 | | V / 1.00 / 90 | -43.4 | n/a |
| 130.16 MHz | 48.7 Qp | 1.0 / 8.45 / 27.0 / -97.6 | -66.45 | V/1.00/90 | -53.45 | n/a |
| 643.988 MHz | 35.0 Qp | 2.12 / 19.34 / 28.17 / -97.6 | | V / 1.00 / 90 | -56.32 | n/a |
| 699.993 MHz | 41.0 Qp | 2.3 / 20.33 / 27.93 / -97.6 | | V / 1.00 / 90 | -48.9 | n/a |
| 756.003 MHz | 33.95 Qp | 2.34 / 21.2 / 27.92 / -97.6 | | V / 1.00 / 90 | -55.03 | n/a |
| 51.603 MHz | 49.4 Qp | 0.6 / 13.72 / 27.03 / -97.6 | -60.91 | V / 1.00 / 270 | -47.91 | n/a |

Tested by:

45.55 Qp

RMJ

Printed

TKS

for M. John

-68.82

Signature

V/1.00/270

Reviewed by:

140.75 MHz

Printed

1.0 / 9.22 / 26.99 / -97.6

Thomas K. Swamon

Signature

File No. WC501665, Page A13 of A19

-55.82

n/a

| RA | D | ΙΔΤ | FD | FM | ISS | IONS |
|----|---|-----|----|----|-----|------|
| | | | | | 00 | |



| Test Report | #: WC5016 | 65 Run 3 | Test Area: | LTS | | | America | |
|----------------|-------------------|---|------------------|-------------|-----------------------------|--------|--------------------------|-----|
| EUT Model | #: <u>BTS-250</u> | 0-F | Date: | 4/6/2005 | | | | |
| EUT Serial | #: 14798 | | EUT Power: | 60Hz/110VAC | Tempera | ture: | 21.0 | °C |
| Test Metho | od:FCC 2.10 | 053 | | | Air Press | sure: | 98.0 | kPa |
| Custome | er: NEXTNE | TWIRELESS | | | Rel. Hum | idity: | 29.0 | % |
| EUT Descriptio | on: BASE ST | ATION | | | | | | |
| Note | əs: | | | | | | | |
| Data File Nam | ne: _1665.dat | | | | | Page: | 2 of | 7 |
| List of me | asureme | nts for run #: 3 | | | | | | |
| FREQ | LEVEL (dBuV) | CABLE / ANT / PREAMP Substitution Factor (dB) | / FINAL (dBm) | | DELTA1 -13 dBm < 1GHz | | DELT. -13 dE > 1 G | ßm |
| 130.16 MHz | 49.55 Qp | 1.0 / 8.45 / 27.0 / -97.6 | -65.6 | V/1.00/315 | -52.6 | | n/a | |
| 643.988 MHz | 35.7 Qp | 2.12 / 19.34 / 28.17 / -97.6 | | | -55.62 | | n/a | |
| | | | EO 70 | 3774 00 745 | 07.70 | | | |

| 643.988 MHZ | 35.7 Qp | 2.12/19.34/28.1//-97.6 | -68.62 | V/1.00/315 | -55.62 | n/a |
|--------------|-------------|------------------------------|-------------|--------------------|------------------|-----|
| | | | - | - | | |
| 85.773 MHz | 65.6 Qp | 0.8 / 7.31 / 26.9 / -97.6 | -50.79 | V / 1.00 / 45 | -37.79 | n/a |
| 475.988 MHz | 35.2 Qp | 1.87 / 16.78 / 27.9 / -97.6 | -71.65 | V / 1.00 / 45 | -58.65 | n/a |
| 500.018 MHz | 37.75 Qp | 1.9 / 17.46 / 27.94 / -97.6 | -68.43 | V / 1.00 / 45 | -55.43 | n/a |
| 503.978 MHz | 35.1 Qp | 1.9 / 17.7 / 27.95 / -97.6 | -70.85 | V / 1.00 / 45 | -57.85 | n/a |
| 643.988 MHz | 36.4 Qp | 2.12 / 19.34 / 28.17 / -97.6 | -67.92 | V / 1.00 / 45 | -54.92 | n/a |
| | | | | | | |
| 475.988 MHz | 38.3 Qp | 1.87 / 16.78 / 27.9 / -97.6 | -68.55 | V / 1.00 / 135 | -55.55 | n/a |
| 500.018 MHz | 40.6 Qp | 1.9 / 17.46 / 27.94 / -97.6 | -65.58 | V / 1.00 / 135 | -52.58 | n/a |
| 503.978 MHz | 36.75 Qp | 1.9 / 17.7 / 27.95 / -97.6 | -69.2 | V / 1.00 / 135 | -56.2 | n/a |
| | | | | | | |
| 130.16 MHz | 51.2 Qp | 1.0 / 8.45 / 27.0 / -97.6 | -63.95 | V / 1.00 / 225 | -50.95 | n/a |
| 643.988 MHz | 38.75 Qp | 2.12 / 19.34 / 28.17 / -97.6 | -65.57 | V / 1.00 / 225 | -52.57 | n/a |
| | | | | | | |
| MAXIMIZED. | | | | | | |
| 85.773 MHz | 70.8 Qp | 0.8 / 7.31 / 26.9 / -97.6 | -45.59 | V / 1.00 / 37 | -32.59 | n/a |
| | | | | | | |
| NO NEW OR HI | GHER EMISSI | ONS FOUND WITH HORIZONT. | AL POLARIZA | TION AT ALL AZIMUT | FHS 1 - 4 METERS | S. |
| | | | | | | |
| HIGH CHANNEL | (22687.MHz) | | | | | |
| 430.663 MHz | 39.75 Qp | 1.73 / 16.25 / 27.9 / -97.6 | -67.77 | V/1.00/0 | -54.77 | n/a |
| 455.998 MHz | 33.25 Qp | 1.81 / 16.57 / 27.9 / -97.6 | -73.87 | V/1.00/0 | -60.87 | n/a |
| | | | | | | |
| 380.0 MHz | 32.05 Qp | 1.65 / 15.27 / 27.69 / -97.6 | -76.33 | V / 1.00 / 90 | -63.33 | n/a |
| | | | | | | |

Tested by:

for M. John

Signature

Reviewed by:

Thomas K. Swamon

Printed

RMJ

Printed

TKS

Signature

File No. WC501665, Page A14 of A19

| R | ΔΓ | אור | TE | ום | ΕM | IIS | SI | ٥N | IS |
|----|----|---------|----|-----|----|-----|----|----|----------|
| n. | | <i></i> | 11 | . ບ | | 10 | SI | | U |



| Test Report #:WC501665 Run 3 | | Test Area: | LTS | | | Americ | а | | |
|------------------------------|---------------------|---|------------|----------------------------|-----------------------------|---------|------------------------|-----------|--|
| EUT Model | #: BTS-250 | 0-F | Date: | 4/6/2005 | | | | | |
| EUT Serial | #: 14798 | | EUT Power: | 60Hz/110VAC | Tempera | ture: _ | 21.0 | °C | |
| Test Metho | od:FCC 2.10 |)53 | Air Press | sure: _ | 98.0 | kPa | | | |
| Custom | er: NEXTNE | TWIRELESS | Rel. Hum | idity: | 29.0 | % | | | |
| EUT Descriptio | on: BASE ST | BASE STATION | | | | | | | |
| Note | əs: | | | | | | | | |
| Data File Nam | ne: <u>1665.dat</u> | | | | | Page | : 30 | f 7 | |
| List of me | asureme | nts for run #: 3 | | | | | | | |
| FREQ | LEVEL (dBuV) | CABLE / ANT / PREAMP / Substitution Factor (dB) | (dBm) | POL / HGT / AZ (m)(DEG) | DELTA1 -13 dBm < 1GHz | | DEL1 -13 d > 1 G | Bm 6Hz | |
| 400 005 MHz | 31.5 Op | 1 7 / 16 07 / 27 82 / -97 6 | -76.15 | V/1.00/90 | -63.15 | | n/a | 3 | |

| | (aBuv) | Substitution Factor | (asm) | (M)(DEG) | -15 aBm | - 15 aBm |
|-------------|----------|------------------------------|--------|----------------|---------|----------|
| | | (dB) | | | < 1GHz | > 1 GHz |
| 400.005 MHz | 31.5 Qp | 1.7 / 16.07 / 27.82 / -97.6 | -76.15 | V / 1.00 / 90 | -63.15 | n/a |
| 624.976 MHz | 35.65 Qp | 2.1 / 19.6 / 28.16 / -97.6 | -68.41 | V / 1.00 / 90 | -55.41 | n/a |
| 633.298 MHz | 35.2 Qp | 2.1 / 19.49 / 28.18 / -97.6 | -68.99 | V / 1.00 / 90 | -55.99 | n/a |
| 684.004 MHz | 39.6 Qp | 2.29 / 20.23 / 27.91 / -97.6 | -63.39 | V/1.00/90 | -50.39 | n/a |
| 734.663 MHz | 31.6 Qp | 2.3 / 21.06 / 28.0 / -97.6 | -70.64 | V / 1.00 / 90 | -57.64 | n/a |
| | | | | | | |
| 506.651 MHz | 33.35 Qp | 1.9 / 17.86 / 27.96 / -97.6 | -72.45 | V/1.00/180 | -59.45 | n/a |
| | | | | | | |
| 124.994 MHz | 48.95 Qp | 0.94 / 8.62 / 27.06 / -97.6 | -66.14 | V / 1.00 / 270 | -53.14 | n/a |
| 506.651 MHz | 34.7 Qp | 1.9 / 17.86 / 27.96 / -97.6 | -71.1 | V / 1.00 / 270 | -58.1 | n/a |
| 253.327 MHz | 42.45 Qp | 1.36 / 12.16 / 27.2 / -97.6 | -68.83 | V / 1.00 / 270 | -55.83 | n/a |
| | | | | | | |
| 253.327 MHz | 47.4 Qp | 1.36 / 12.16 / 27.2 / -97.6 | -63.88 | H / 1.00 / 270 | -50.88 | n/a |
| 380.0 MHz | 35.15 Qp | 1.65 / 15.27 / 27.69 / -97.6 | -73.23 | H / 1.00 / 270 | -60.23 | n/a |
| 455.998 MHz | 35.6 Qp | 1.81 / 16.57 / 27.9 / -97.6 | -71.52 | H / 1.00 / 270 | -58.52 | n/a |
| | | | | | | |
| 380.0 MHz | 38.0 Qp | 1.65 / 15.27 / 27.69 / -97.6 | -70.38 | H / 1.00 / 180 | -57.38 | n/a |
| | | | | | | |
| 253.327 MHz | 50.5 Qp | 1.36 / 12.16 / 27.2 / -97.6 | -60.78 | H / 1.00 / 90 | -47.78 | n/a |
| 380.0 MHz | 43.2 Qp | 1.65 / 15.27 / 27.69 / -97.6 | -65.18 | H / 1.00 / 90 | -52.18 | n/a |
| 430.663 MHz | 43.8 Qp | 1.73 / 16.25 / 27.9 / -97.6 | -63.72 | H / 1.00 / 90 | -50.72 | n/a |
| | | | | | | |
| 196.0 MHz | 43.15 Qp | 1.19 / 10.88 / 27.1 / -97.6 | -69.47 | H/1.00/0 | -56.47 | n/a |
| 506.651 MHz | 36.35 Qp | 1.9 / 17.86 / 27.96 / -97.6 | -69.45 | H/1.00/0 | -56.45 | n/a |

MAXIMIZED

Tested by:

Pour M. John Signature

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Reviewed by:

TKS Printed

Printed

RMJ

Thomas K. Swamon

Signature

File No. WC501665, Page A15 of A19

| R | ΔN | FD | ΕM | 221 | IONS |
|-----|----|----|----|-----|------|
| Γ\/ | ΗD | | | 133 | |

| Test Report | #: | 65 Run 3 | Test Area: | LTS | | | America | |
|--------------------------------|---------------------|---|-------------------|----------------|-----------------------------|-------|----------------------------|-----|
| EUT Model | #: BTS-250 | D-F | Date: | 4/6/2005 | | | | |
| EUT Serial | #: 14798 | | EUT Power: | 60Hz/110VAC | Temperati | ure: | 21.0 | °C |
| Test Metho | od: _ FCC 2.10 | 953 | | | Air Pressu | ure: | 98.0 | kPa |
| Custom | er: NEXTNE | TWIRELESS | | | Rel. Humic | lity: | 29.0 | % |
| EUT Descriptio | on: BASE ST | ATION | | | | | | |
| Note | əs: | | | | | | 1 | |
| Data File Nam | ne: <u>1665.dat</u> | | | | | Page: | 4 of | 7 |
| List of me | asureme | nts for run #: 3 | | | | | | |
| FREQ | LEVEL (dBuV) | CABLE / ANT / PREAMF Substitution Factor (dB) | P/ FINAL (dBm) | | DELTA1 -13 dBm < 1GHz | | DELT/ - 13 dE > 1 Gi | 3m |
| 684.004 MHz | 40.65 Qp | 2.29 / 20.23 / 27.91 / -97 | .6 -62.34 | V / 1.00 / 80 | -49.34 | | n/a | |
| 684.004 MHz | 43.85 Qp | 2.29 / 20.23 / 27.91 / -97 | .6 -59.14 | H / 1.00 / 140 | -46.14 | | n/a | |
| SCAN COMPLE | TE 30-1000 M | HZ, 1-4 METERS V/H, 360 [| DEGREES. | | | | | |
| 5.375 GHz | 43.59 Av | 6.72 / 33.88 / 44.78 / -97 | .6 -58.18 | H / 1.00 / 180 | n/a | | -45.1 | 8 |
| MAXIMIZED. | | | | | | | | |
| 5.375 GHz | 55.64 Av | 6.72 / 33.88 / 44.78 / -97 | .6 -46.13 | H / 1.27 / 204 | n/a | | -33.1 | 3 |
| MIDDLE CHANN | IEL (2575MHz |) 6MHz BANDWIDTH | | | | | | |
| 5.15 GHz | 40.99 Av | 6.59 / 33.53 / 44.65 / -97 | .6 -61.13 | V/1.00/0 | n/a | | -48.1 | 3 |
| MAXIMIZED. | | | | | | | | |
| 5.15 GHz | 50.65 Av | 6.59 / 33.53 / 44.65 / -97 | .6 -51.47 | V/1.00/288 | n/a | | -38.4 | 7 |
| 5.15 GHz | 59.95 Pk | 6.59 / 33.53 / 44.65 / -97 | | | n/a | | -29.1 | |
| * above denotes LOW CHANNEL | | rement compared to average | e limit. | · | | | | |
| | (2499) OWHZ | | | | | | | |
| MAXIMIZED. | 57 00 A. | 6 E 1 22 20 1 44 64 1 67 | Q 4E 40 | V//1.00//170 | | | 20.4 | 0 |
| 4.998 GHz | 57.29 Av | 6.5 / 33.29 / 44.64 / -97. | 6 -45.16 | V / 1.00 / 176 | n/a | | -32.1 | 0 |

| Tested by: | RMJ | Fine M. John |
|-----------------|---------|------------------|
| | Printed | Signature |
| Reviewed by: | TKS | Thomas K. Swamon |
| | Printed | Signature |

File No. WC501665, Page A16 of A19

| PΛ | וח | ΛТ | ED | ΕM | | sı | ç |
|----|------|------------|----|----|----|-----|---|
| ĸн | ווטא | н Г | ED | | 10 | יוכ | Э |

| | | | | | | SUD | |
|------------------|------------------|------------|-------------|-----------|--------|---------|-----|
| Test Report #: | WC501665 Run 3 | Test Area: | LTS | | | America | |
| EUT Model #: | BTS-2500-F | Date: | 4/6/2005 | | | | |
| EUT Serial #: | 14798 | EUT Power: | 60Hz/110VAC | Tempera | ture: | 21.0 | °C |
| Test Method: | FCC 2.1053 | | | Air Press | sure: | 98.0 | kPa |
| Customer: | NEXTNET WIRELESS | | | Rel. Humi | idity: | 29.0 | % |
| EUT Description: | BASE STATION | | | | | | |
| Notes: | | | | | | | |
| Data File Name: | 1665.dat | | | | Page: | 5 of | 7 |

| Measurement summary for limit1: -13 dBm < 1GHz (Qp) | | | | | | | | | |
|---|----------|------------------------------|--------|----------------|---------|--|--|--|--|
| FREQ | LEVEL | CABLE / ANT / PREAMP / | FINAL | POL/HGT/AZ | DELTA1 | | | | |
| | (dBuV) | Substitution Factor | (dBm) | (m)(DEG) | -13 dBm | | | | |
| | | (dB) | | | < 1GHz | | | | |
| 85.773 MHz | 70.8 Qp | 0.8 / 7.31 / 26.9 / -97.6 | -45.59 | V / 1.00 / 37 | -32.59 | | | | |
| 30.441 MHz | 47.95 Qp | 0.43 / 20.22 / 27.39 / -97.6 | -56.4 | V / 1.00 / 90 | -43.4 | | | | |
| 108.47 MHz | 57.95 Qp | 0.84 / 9.3 / 27.04 / -97.6 | -56.55 | V/1.00/0 | -43.55 | | | | |
| 684.004 MHz | 43.85 Qp | 2.29 / 20.23 / 27.91 / -97.6 | -59.14 | H / 1.00 / 140 | -46.14 | | | | |
| 51.039 MHz | 50.8 Qp | 0.6 / 13.88 / 27.05 / -97.6 | -59.37 | V/1.00/0 | -46.37 | | | | |
| 51.945 MHz | 49.7 Qp | 0.6 / 13.62 / 27.02 / -97.6 | -60.7 | V/1.00/0 | -47.7 | | | | |
| 253.327 MHz | 50.5 Qp | 1.36 / 12.16 / 27.2 / -97.6 | -60.78 | H / 1.00 / 90 | -47.78 | | | | |
| 51.603 MHz | 49.4 Qp | 0.6 / 13.72 / 27.03 / -97.6 | -60.91 | V / 1.00 / 270 | -47.91 | | | | |
| 63.303 MHz | 52.1 Qp | 0.66 / 10.71 / 27.0 / -97.6 | -61.13 | V/1.00/0 | -48.13 | | | | |
| 699.993 MHz | 41.0 Qp | 2.3 / 20.33 / 27.93 / -97.6 | -61.9 | V / 1.00 / 90 | -48.9 | | | | |
| 430.663 MHz | 43.8 Qp | 1.73 / 16.25 / 27.9 / -97.6 | -63.72 | H / 1.00 / 90 | -50.72 | | | | |
| 130.16 MHz | 51.2 Qp | 1.0 / 8.45 / 27.0 / -97.6 | -63.95 | V / 1.00 / 225 | -50.95 | | | | |
| 380.0 MHz | 43.2 Qp | 1.65 / 15.27 / 27.69 / -97.6 | -65.18 | H / 1.00 / 90 | -52.18 | | | | |
| 643.988 MHz | 38.75 Qp | 2.12 / 19.34 / 28.17 / -97.6 | -65.57 | V / 1.00 / 225 | -52.57 | | | | |
| 500.018 MHz | 40.6 Qp | 1.9 / 17.46 / 27.94 / -97.6 | -65.58 | V / 1.00 / 135 | -52.58 | | | | |
| 124.994 MHz | 48.95 Qp | 0.94 / 8.62 / 27.06 / -97.6 | -66.14 | V / 1.00 / 270 | -53.14 | | | | |
| 214.129 MHz | 46.3 Qp | 1.22 / 10.65 / 27.12 / -97.6 | -66.55 | V/1.00/0 | -53.55 | | | | |
| 756.003 MHz | 33.95 Qp | 2.34 / 21.2 / 27.92 / -97.6 | -68.03 | V / 1.00 / 90 | -55.03 | | | | |
| 624.976 MHz | 35.65 Qp | 2.1 / 19.6 / 28.16 / -97.6 | -68.41 | V / 1.00 / 90 | -55.41 | | | | |
| 475.988 MHz | 38.3 Qp | 1.87 / 16.78 / 27.9 / -97.6 | -68.55 | V / 1.00 / 135 | -55.55 | | | | |
| 140.75 MHz | 45.55 Qp | 1.0 / 9.22 / 26.99 / -97.6 | -68.82 | V / 1.00 / 270 | -55.82 | | | | |
| 633.298 MHz | 35.2 Qp | 2.1 / 19.49 / 28.18 / -97.6 | -68.99 | V / 1.00 / 90 | -55.99 | | | | |
| 503.978 MHz | 36.75 Qp | 1.9 / 17.7 / 27.95 / -97.6 | -69.2 | V / 1.00 / 135 | -56.2 | | | | |
| 506.651 MHz | 36.35 Qp | 1.9 / 17.86 / 27.96 / -97.6 | -69.45 | H / 1.00 / 0 | -56.45 | | | | |
| 196.0 MHz | 43.15 Qp | 1.19 / 10.88 / 27.1 / -97.6 | -69.47 | H / 1.00 / 0 | -56.47 | | | | |

Tested by:

Pour M. John

Signature

Reviewed by:

Printed

RMJ

Printed

TKS

Thomas K. Swamon

Signature

File No. WC501665, Page A17 of A19

| Test Report | #: WC50166 | 65 Run 3 | Test Area: | LTS | | America | | | |
|----------------|---------------------|------------------------------------|------------|-------------|------------------|-------------------|--|--|--|
| EUT Model | #: BTS-250 | D-F | Date: | 4/6/2005 | | | | | |
| EUT Serial | #: 14798 | | EUT Power: | 60Hz/110VAC | Temperatur | e: <u>21.0</u> °C | | | |
| Test Metho | od:FCC 2.10 | 953 | | | Air Pressur | e:98.0 kPa | | | |
| Custome | er: NEXTNE | TWIRELESS | | | Rel. Humidit | y: 29.0 % | | | |
| EUT Descriptio | on: BASE ST | ATION | | | | | | | |
| Note | əs: | | | | | | | | |
| Data File Nam | ne: <u>1665.dat</u> | | | | F | Page: 6 of 7 | | | |
| Measurem | ent sum | mary for limit1: -1 | 13 dBm < | 1GHz (Qp) | | 7 | | | |
| FREQ | LEVEL | CABLE / ANT / PREAMP | | | DELTA1 | 1 | | | |
| | (dBuV) | Substitution Factor | (dBm) | (m)(DEG) | -13 dBm | | | | |
| 734.663 MHz | 31.6 Qp | (dB) 2.3 / 21.06 / 28.0 / -97.6 | 3 -70.64 | V/1.00/90 | < 1GHz -57.64 | - | | | |
| 455.998 MHz | 35.6 Qp | 1.81 / 16.57 / 27.9 / -97.0 | | | -57.64 | - | | | |
| 400.005 MHz | 31.5 Qp | 1.7 / 16.07 / 27.82 / -97.0 | | | -63.15 | - | | | |
| | | | | | | | | | |

| Tested by: | RMJ | Fin M. John |
|-----------------|---------|------------------|
| | Printed | Signature |
| Reviewed by: | TKS | Thomas K. Swamon |
| | Printed | Signature |

Signature

File No. WC501665, Page A18 of A19

| R | | TED | FΜ | ISS | NS |
|-----|--|-----|----------------|-----|-----------|
| 1 1 | | | L 1 4 1 | | v U |

| | | | | | SUD |
|------------------|------------------|------------|-------------|----------------|----------|
| Test Report #: | WC501665 Run 3 | Test Area: | LTS | | America |
| EUT Model #: | BTS-2500-F | Date: | 4/6/2005 | | |
| EUT Serial #: | 14798 | EUT Power: | 60Hz/110VAC | Temperature: | 21.0 °C |
| Test Method: | FCC 2.1053 | | | Air Pressure: | 98.0 kPa |
| Customer: | NEXTNET WIRELESS | | | Rel. Humidity: | 29.0 % |
| EUT Description: | BASE STATION | | | | |
| Notes: | | | | | |
| Data File Name: | 1665.dat | | | Page | : 7 of 7 |

| Measurement summary for limit2: -13 dBm > 1 GHz (Av) | | | | | | | | |
|--|----------|------------------------------|--------|----------------|---------|--|--|--|
| FREQ | LEVEL | CABLE / ANT / PREAMP / | FINAL | POL/HGT/AZ | DELTA2 | | | |
| | (dBuV) | Substitution Factor | (dBm) | (m)(DEG) | -13 dBm | | | |
| | . , | (dB) | | | > 1 GHz | | | |
| 4.998 GHz | 57.29 Av | 6.5 / 33.29 / 44.64 / -97.6 | -45.16 | V / 1.00 / 176 | -32.16 | | | |
| 5.375 GHz | 55.64 Av | 6.72 / 33.88 / 44.78 / -97.6 | -46.13 | H / 1.27 / 204 | -33.13 | | | |
| 5.15 GHz | 50.65 Av | 6.59 / 33.53 / 44.65 / -97.6 | -51.47 | V / 1.00 / 288 | -38.47 | | | |
| 5.15 GHz | 59.95 Pk | 6.59 / 33.53 / 44.65 / -97.6 | -42.17 | V / 1.00 / 288 | -29.17* | | | |

* Denotes a peak measurement compared to average limit.

| Tested by: | RMJ | Par M. John | |
|-----------------|---------|------------------|--|
| - | Printed | Signature | |
| Reviewed by: | TKS | Thomas K. Swamon | |
| | Printed | Signature | |

File No. WC501665, Page A19 of A19



| | PRODUCT SERVICE | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|
| | Appendix C | | | | | | | | | |
| MEASUREMENT | MEASUREMENT PROTOCOL FOR FCC | | | | | | | | | |
| GENERAL INFORMATIC | GENERAL INFORMATION | | | | | | | | | |
| Conducted and radiated | emission testing is performed according to the procedures in TIA-603-B. | | | | | | | | | |
| The test system for cond The test system for radiat cable. These test system | Measurement Uncertainty The test system for conducted emissions is defined as the LISN, tuned receiver or spectrum analyzer, and coaxial cable. The test system for radiated emissions is defined as the antenna, the pre-amplifier, the spectrum analyzer and the coaxial cable. These test systems have a measurement uncertainty of ± 4.8 dB. The equipment comprising the test systems are calibrated on an annual basis. | | | | | | | | | |
| Justification The Equipment Under Test (EUT) is configured in a typical user arrangement in accordance with the manufacturer's instructions. A cable is connected to each available port and either terminated with a peripheral into it's characteristic impedance or left unterminated. When appropriate, the cables are manually manipulated with respect to each other to obtain maximum emissions from the unit. | | | | | | | | | | |
| CONDUCTED EMISSION The final level, expresse compared directly to the in ANSI C.63.4-2001. | IS d = d = d = d = d = d = d = d = d = d = | | | | | | | | | |
| To convert between dBµV dBµV = 20(log) μ V = Inverse log | | | | | | | | | | |
| the antenna correction fa | t in dB μ V/m, is arrived at by taking the reading from the spectrum analyzer (Level dB μ V), addii ctor and cable loss factor (Factor dB) to it, then subtracting the preamp gain. This result the cted from it to provide the Delta which gives the tabular data as shown in the data sheets | | | | | | | | | |
| Example: FREQ LEVEL (MHz) (dBuV) | CABLE/ANT/PREAMP FINAL POL/HGT/AZ DELTA1 (dB) (dB/m) (dB) (dBuV/m) (m) (deg) FCC | | | | | | | | | |
| 60.80 42.5Qp | + 1.2 + 10.9 - 25.5 = 29.1 V 1.0 0.0 -10.9 | | | | | | | | | |
| | | | | | | | | | | |
| TÜV PRODUCT SERVICE INC | File No. WC501665, Page C1 of C 19333 Wild Mountain Road Taylors Falls MN 55084-1758 Tel: 651 638 0297 Fax: 651 638 0298 Rev.No | | | | | | | | | |



DETAILS OF TEST PROCEDURES

General Standard Information The test methods used comply with TIA-603-B.

Conducted Emissions

Conducted emissions on the 60 Hz power interface of the EUT are measured in the frequency range of 450 kHz to 30 MHz. The measurements are performed using a receiver, which has CISPR characteristic bandwidth and quasi-peak detection, and a Line Impedance Stabilization Network (LISN), with 50 Ω /50 μ H (CISPR 16) characteristics. Table top equipment is placed on a non-conducting table 80 centimeters above the floor and is positioned 40 centimeters from the vertical ground plane (wall) of the screen room. In some cases, a pre-scan using a spectrum analyzer is initially performed on the units comprising the system under test to locate the highest emissions. If the minimum passing margin appears to be less than 20 dB with a peak mode measurement, the emissions are re-measured using a tuned receiver or spectrum analyzer with quasi-peak and average detection and recorded on the data sheets.

Radiated Emissions

Radiated emissions from the EUT are measured in the frequency range of 30 to 26000 MHz using a spectrum analyzer and appropriate broadband linearly polarized antennas. Table top equipment is placed on a 1.0 X 1.5 meter nonconducting table 80 centimeters above the ground plane. Floor standing equipment is placed directly on the turntable/ground plane. Interface cables that are closer than 40 centimeters to the ground plane are bundled in the center in a serpentine fashion so they are at least 40 centimeters from the ground plane. Cables to simulators/testers (if used in this test) are routed through the center of the table and to a screen room located outside the test area. The antenna is positioned 3 meters horizontally from the EUT. To locate maximum emissions from the test sample the antenna is varied in height from 1 to 4 meters, measurement scans are made with both horizontal and vertical antenna polarizations and the EUT are rotated 360 degrees. The EUT is then replaced with a tuned dipole antenna (below 1 GHZ) or horn antenna (above 1 GHz). The substitute antenna was placed in the same polarization as the test antenna. A signal generator was used to generate a signal level that matched the level measured from the EUT. The signal level minus the cable loss from the signal generator to the substitute antenna plus the substitute antenna gain equals the spurious power level.

SUBSTITUTION ANTENNA

The substitution antenna is used to replace the EUT for tests in which a transmitting parameter (i.e. frequency error, effective radiated power, spurious emissions and adjacent channel power) is being measured. The substitution antenna is connected to a calibrated signal generator. The frequency of the calibrated signal generator is set to the frequency of the emission component detected. The test antenna is raised and lowered through the specified range of height to ensure the maximum signal is received. The input signal to the substitution antenna shall be adjusted to the level that produces a level detected by the measuring receiver, that is equal to the level noted while the emission component was measured, corrected for any change of input attenuator setting of the measuring receiver. The input level to the substitution antenna is recorded as power level, corrected for any change of input attenuator setting of input attenuator setting of the measuring receiver.

TÜV PRODUCT SERVICE INC 193

19333 Wild Mountain Road

Taylors Falls MN 55084-1758

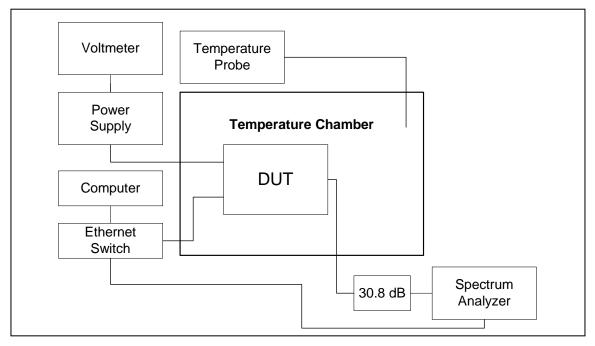
File No. WC501665, Page C2 of C2 Tel: 651 638 0297 Fax: 651 638 0298 Rev.No 1.0

Frequency Stability Test

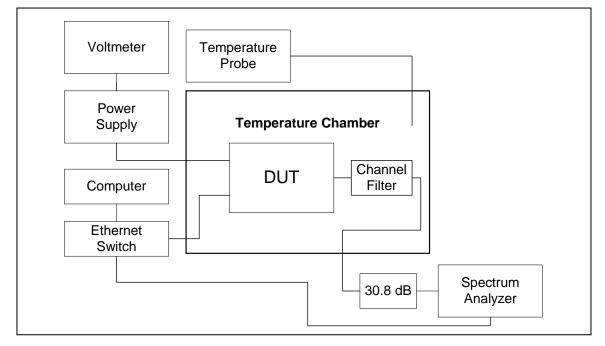
| FCC Rule Part(s): | |
|-------------------|--|
| 2.1055 | Measurements required: Frequency stability: |
| | (a) The frequency stability shall be measured with variation of ambient temperature as follows: (1) From -30° to $+50^{\circ}$ centigrade for all equipment except that specified in paragraphs (a) (2) and (3) of this section. |
| | (b) Frequency measurements shall be made at the extremes of the specified temperature range and at intervals of not more than 10° centigrade through the range. A period of time sufficient to stabilize all of the components of the oscillator circuit at each temperature level shall be allowed prior to frequency measurement. The short term transient effects on the frequency of the transmitter due to keying (except for broadcast transmitters) and any heating element cycling normally occurring at each ambient temperature level also shall be shown. |
| | (d) The frequency stability shall be measured with variation of primary supply voltage as follows: (1) Vary primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried battery equipment. (3) The supply voltage shall be measured at the input to the cable normally provided with the equipment, or at the power supply terminals if cables are not normally provided. Effects on frequency of transmitter keying (except for broadcast transmitters) and any heating element cycling at the nominal supply voltage and at each extreme also shall be shown. |
| 27.54 | Frequency Stability: |
| | The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation. |
| Standard: | 47CFR27.53(l)(3) |
| Test Procedure: | The frequency stability of the NextNet Wireless Mobile Subscriber Unit fundamental oscillator is derived from the on board 20 MHz TCXO. Since each radio channel operating frequency is synthesized and referenced to the 20 MHz TCXO, only one channel will be reported for frequency stability as all channels will have the same frequency characteristics. The emissions 1 MHz above and below the channel band were recorded to show |

compliance to the emission limit of 47CFR27.53(l)(3). The emission power 1 MHz above and below the channel edge was measured by utilizing the adjacent channel power function in the spectrum analyzer. The transmitted signal was recorded for frequency changes due to temperature variation and input voltage.

Test Set-Up:



Frequency Stability 2W Test Setup



Frequency Stability 5W Test Setup

Frequency Stability Temperature Variation Test Results

| Test Conditions: | Frequency = 2575 MHz |
|------------------|--|
| | Supply Voltage: 48.0 VDC Nominal |
| | Temperature: -30° C to $+50^{\circ}$ C in 10° C increments |

Test Results: Passed Temperature Variation 2-Watt Channels

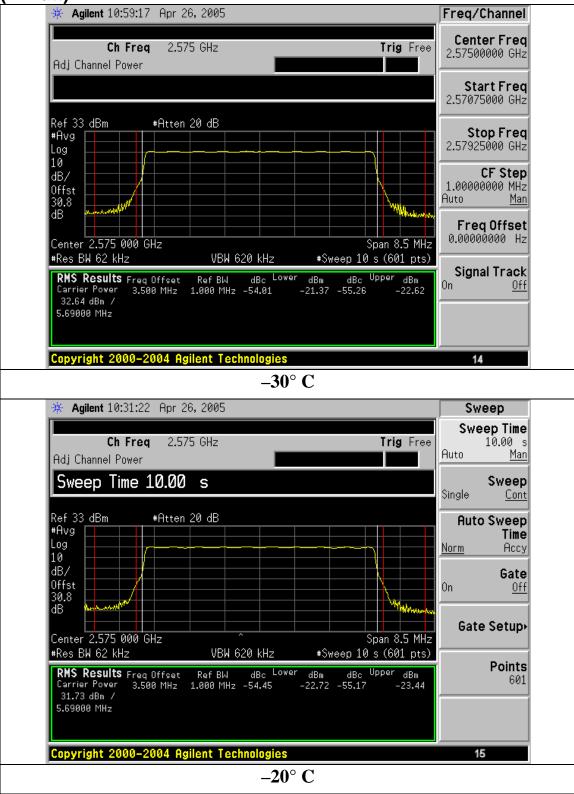
| | Adjacent Channel Power Method (2575 MHz) | | | | | | | | |
|----------|---|--|-------------------|-------------------------|-------------------------|---|---|--|--|
| Temp ° C | Lower Adjacent 1 MHz Bin Power (dBm) | Upper Adjacent 1 MHz Bin Power (dBm) | Spec (dBm/MHz) | Lower Margin (dB) | Upper Margin (dB) | Result: Lower Adjacent 1 MHz Bin | Result: Upper Adjacent 1 MHz Bin | | |
| -30 | -21.37 | -22.62 | -13 | -8.37 | -9.62 | Complies | Complies | | |
| -20 | -22.72 | -23.44 | -13 | -9.72 | -10.44 | Complies | Complies | | |
| -10 | -21.83 | -22.06 | -13 | -8.83 | -9.06 | Complies | Complies | | |
| 0 | -21.98 | -22.45 | -13 | -8.98 | -9.45 | Complies | Complies | | |
| 10 | -21.62 | -21.38 | -13 | -8.62 | -8.38 | Complies | Complies | | |
| 20 | -21.26 | -21.75 | -13 | -8.26 | -8.75 | Complies | Complies | | |
| 30 | -21.60 | -21.43 | -13 | -8.60 | -8.43 | Complies | Complies | | |
| 40 | -21.50 | -22.66 | -13 | -8.50 | -9.66 | Complies | Complies | | |
| 50 | -20.94 | -21.95 | -13 | -7.94 | -8.95 | Complies | Complies | | |

Test Results:

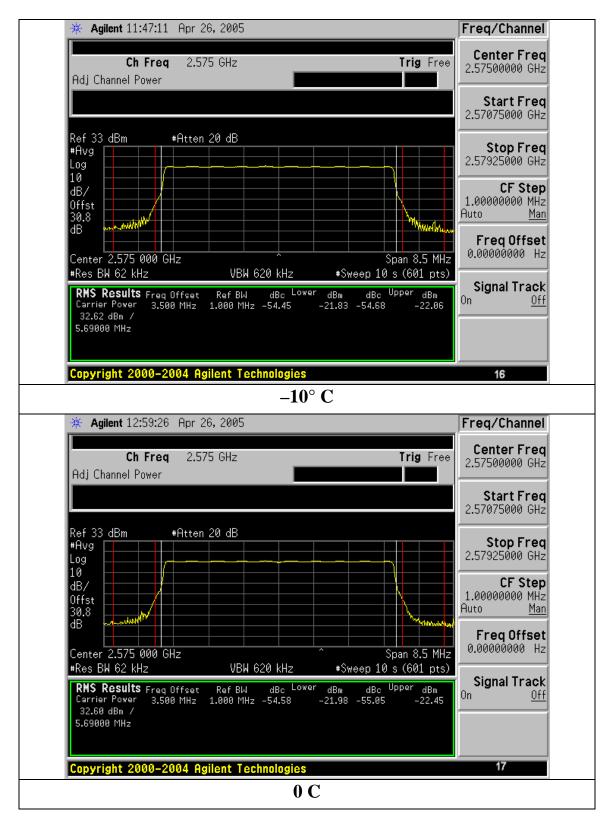
Passed Temperature Variation 5-Watt Channels

| Adjacent Channel Power Method (2683 MHz) | | | | | | | | | |
|--|----------|-----------|-----------|--------|--------|-----------|-----------|--|--|
| | Lower | | | | | | | | |
| | Adjacent | Upper | | | | | | | |
| | 1 MHz | Adjacent | | | | Result: | Result: | | |
| | Bin | 1 MHz Bin | | Lower | Upper | Lower | Upper | | |
| | Power | Power | Spec | Margin | Margin | Adjacent | Adjacent | | |
| Temp ° C | (dBm) | (dBm) | (dBm/MHz) | (dB) | (dB) | 1 MHz Bin | 1 MHz Bin | | |
| -30 | -18.83 | -13.12 | -13 | -5.83 | 12 | Complies | Complies | | |
| -20 | -21.20 | -15.21 | -13 | -8.20 | -2.21 | Complies | Complies | | |
| -10 | -20.01 | -13.07 | -13 | -7.01 | 07 | Complies | Complies | | |
| 0 | -22.16 | -16.29 | -13 | -9.16 | -3.29 | Complies | Complies | | |
| 10 | -20.56 | -15.70 | -13 | -7.56 | -2.70 | Complies | Complies | | |
| 20 | -17.11 | -13.19 | -13 | -4.11 | 19 | Complies | Complies | | |
| 30 | -18.61 | -17.01 | -13 | -5.61 | -4.01 | Complies | Complies | | |
| 40 | -16.66 | -16.61 | -13 | -3.66 | -3.61 | Complies | Complies | | |
| 50 | -15.03 | -16.29 | -13 | -2.03 | -3.29 | Complies | Complies | | |

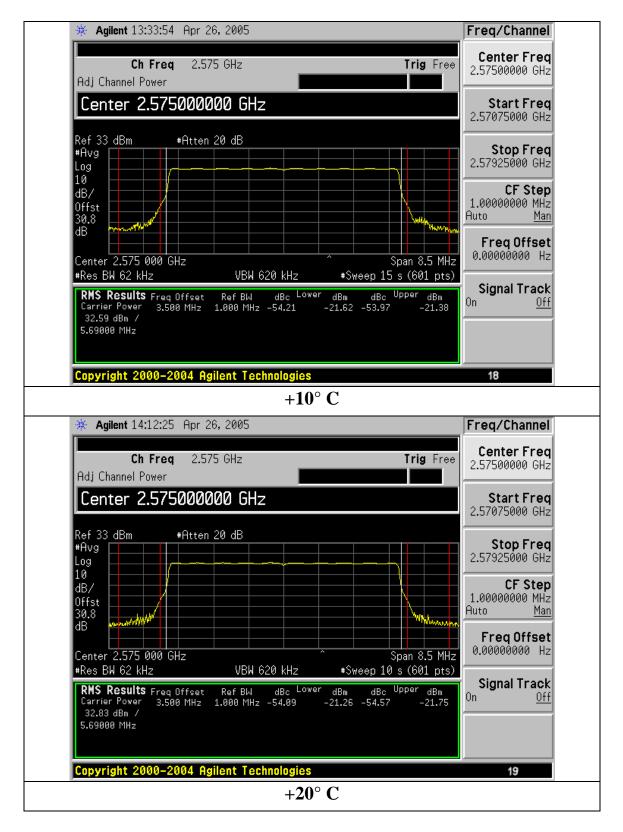
Freq. Stability Temperature Variation Spectrum Analyzer Plots (2-Watt)



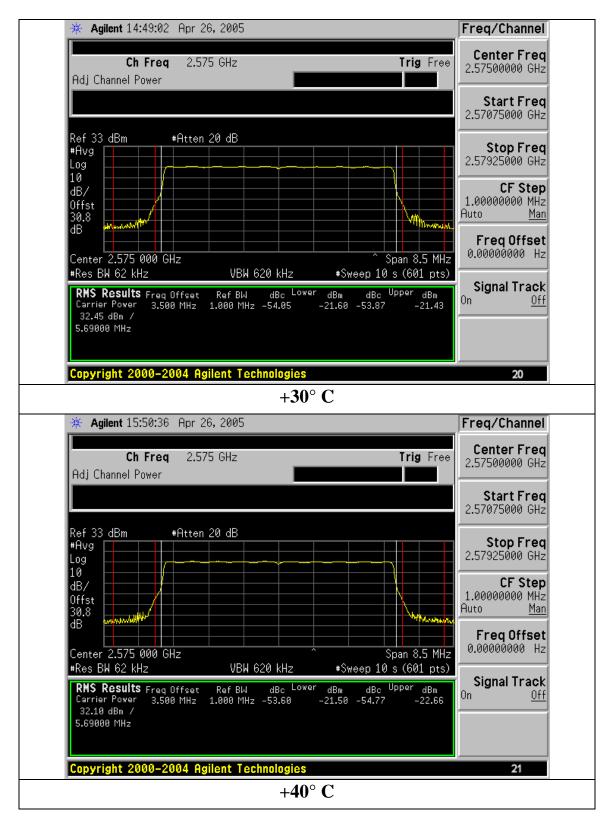


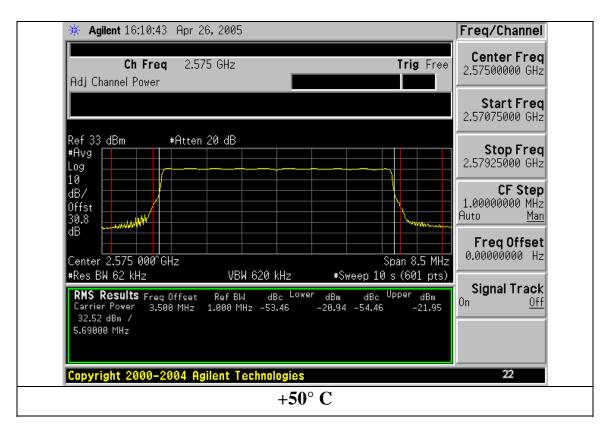


2-Watt Frequency Stability (Cont'd)



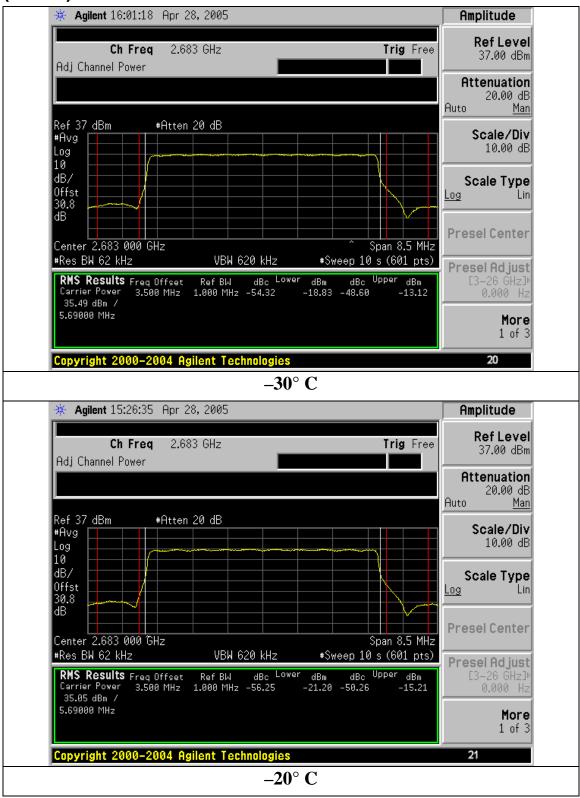






2-Watt Frequency Stability (Cont'd)

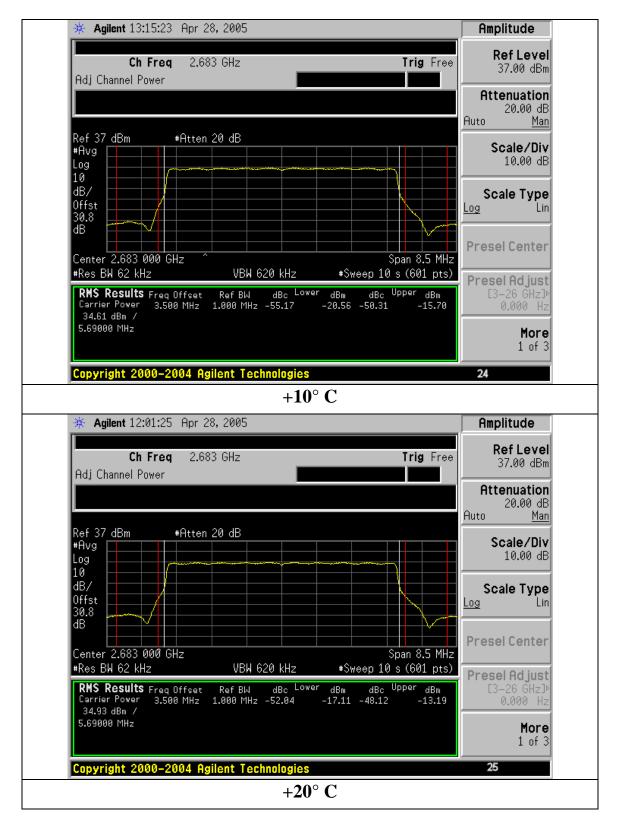
Freq. Stability Temperature Variation Spectrum Analyzer Plots (5-Watt)



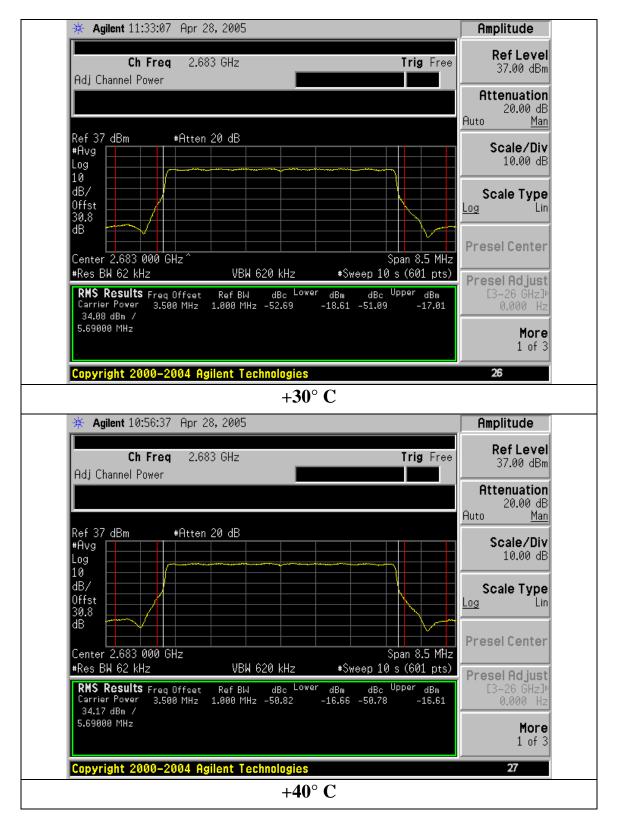


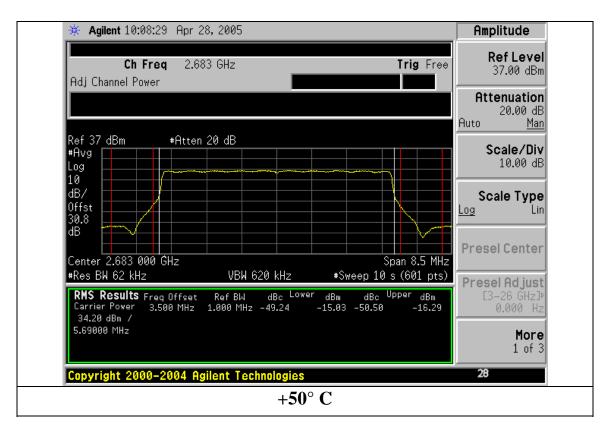












5-Watt Frequency Stability (Cont'd)

Frequency Stability Supply Voltage Variation Test Results

Test Conditions: Frequency = 2575 MHz (2W Channels)Frequency = 2683 MHz (5W Channels)Temperature = 20° C

Supply Voltage Variation

Source Input Voltage Specification: 48.0 VDC nominal Test Voltage Range = $0.85 \times 48.0 = 40.8$ VDC lower limit $1.15 \times 48.0 = 55.2$ VDC upper limit

| Test Results: | Pass Temperature Stability, Supply Voltage Variation |
|---------------|--|
| | (2W Channels) |

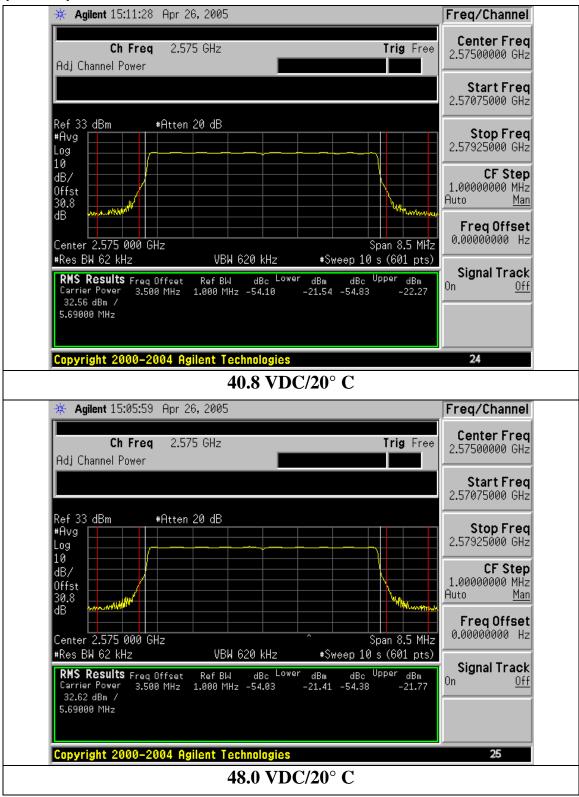
| | Adjacent Channel Power Method 20° C (2575 MHz) | | | | | | | | | |
|----------------------------|---|--|-------------------|-------------------------|-------------------------|---|---|--|--|--|
| Source Voltage (Vdc) | Lower Adjacent 1 MHz Bin Power (dBm) | Upper Adjacent 1 MHz Bin Power (dBm) | Spec (dBm/MHz) | Lower Margin (dB) | Upper Margin (dB) | Result: Lower Adjacent 1 MHz Bin | Result: Upper Adjacent 1 MHz Bin | | | |
| 40.8 | -21.54 | -22.27 | -13 | -8.54 | -9.27 | Complies | Complies | | | |
| 48 | -21.41 | -21.77 | -13 | -8.41 | -8.77 | Complies | Complies | | | |
| 55.2 | -21.65 | -21.94 | -13 | -8.65 | -8.94 | Complies | Complies | | | |

Test Results:

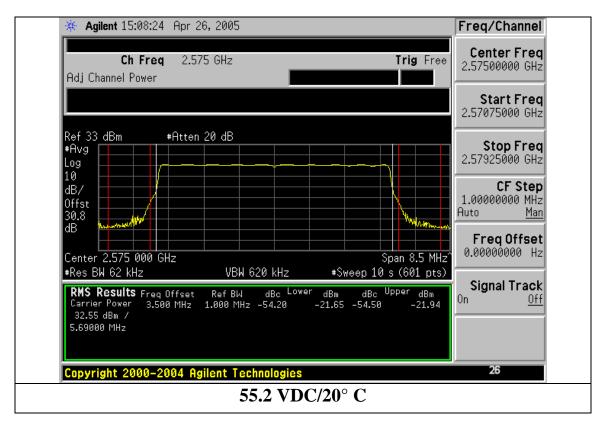
Pass Temperature Stability, Supply Voltage Variation (5W Channels)

| | Adjacent Channel Power Method 20° C (2.6830 GHz) | | | | | | | | |
|----------------------------|---|--|-------------------|-------------------------|-------------------------|---|---|--|--|
| Source Voltage (Vdc) | Lower Adjacent 1 MHz Bin Power (dBm) | Upper Adjacent 1 MHz Bin Power (dBm) | Spec (dBm/MHz) | Lower Margin (dB) | Upper Margin (dB) | Result: Lower Adjacent 1 MHz Bin | Result: Upper Adjacent 1 MHz Bin | | |
| 40.8 | -15.85 | -14.95 | -13 | -2.85 | -1.95 | Complies | Complies | | |
| 48 | -15.29 | -14.58 | -13 | -2.29 | -1.58 | Complies | Complies | | |
| 55.2 | -15.73 | -14.91 | -13 | -2.73 | -1.91 | Complies | Complies | | |

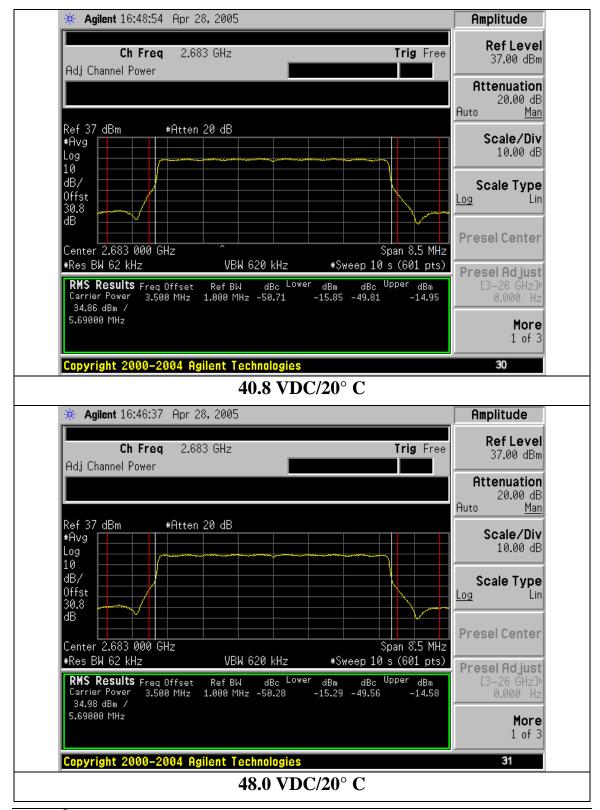
Frequency Stability Voltage Variation Spectrum Analyzer Plots (2-Watt)

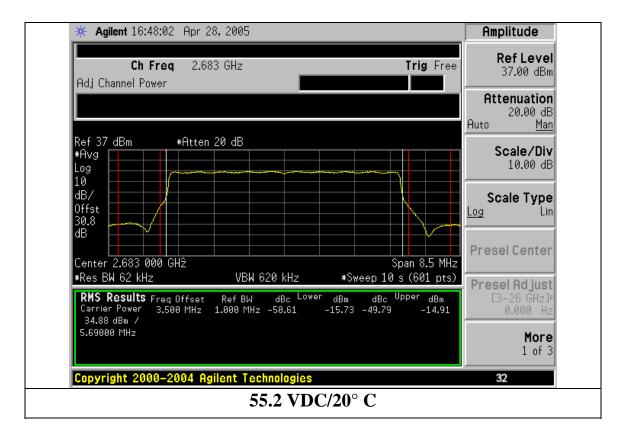


2-Watt Voltage Variation Frequency Stability (Cont'd)



Frequency Stability Voltage Variation Spectrum Analyzer Plots (5-Watt)





5-Watt Voltage Variation Frequency Stability (Cont'd)