ADDENDUM TO ANYDATA CORPORATION TEST REPORT FC04-054

FOR THE

CDMA DUAL BAND MODEM, EMIV-DUAL

FCC PART 15 SUBPART B SECTIONS 15.107 & 15.109 CLASS B,
FCC PART 22 SUBPART H & PART 24 SUBPART E AND RSS 129 & 133

COMPLIANCE

DATE OF ISSUE: SEPTEMBER 14, 2004

PREPARED FOR:

AnyDATA Corporation
18902 Bardeen Ave.
Irvine, CA 92612

W.O. No.: 81938

PREPARED BY:

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CKC Laboratories, Inc.
5473A Clouds Rest
Mariposa, CA 95338

Date of test: June 24 - July 8, 2004

Report No.: FC04-054A

TABLE OF CONTENTS

ADMINISTRATIVE INFORMATION

DATE OF TEST:	June 24 - July 8, 2004
DATE OF RECEIPT:	June 24, 2004
PURPOSE OF TEST:	To demonstrate the compliance of the CDMA Dual Band Modem, EMIV-Dual with the requirements for FCC Part 15 Subpart B Sections 15.107 & 15.109, FCC Part 22 Subpart H & Part 24 Subpart E and RSS 129 & 133 devices. **Addendum A** is to revise the standard matrix on page 4, the RF power calculations on page 9 and the mid spurious emissions table on page 39.
TEST METHOD:	FCC Part 22 Subpart H & Part 24 Subpart E, ANSI C63.4 (2001) and RSS 212
FREQUENCY RANGE TESTED:	9 kHz-20 GHz
MANUFACTURER:	AnyDATA Corporation 18902 Bardeen Ave. Irvine, CA 92612
REPRESENTATIVE:	John Kim
TEST LOCATION:	CKC Laboratories, Inc. 110 Olinda Place Brea, CA 92621

SUMMARY OF RESULTS

As received, the AnyDATA Corporation CDMA Dual Band Modem, EMIV-Dual was found to be fully compliant with the following standards and specifications:

Low Frequency	High Frequency	FCC Standard	FCC Section	Canadian Standard	Canadian Section	Test Description
824	849	22	22.917	RSS-129	8.1.1.	Spurious Emissions (OATS/ANT term)
824	849	22	22.355	RSS-129	9.2.1	Frequency Tolerance
824	849	22	22.913(a)	RSS-129	9.1	Power Output
1850	1910	24	24.235	RSS-133	7.1	Power Output
1850	1910	24	24.232	RSS-133	7.0	Frequency Tolerance
1850	1910	24	24.238	RSS-133	6.2	Power Output
1850	1910	24	24.238	RSS-133	6.3	Spurious Emissions (OATS/Ant Term)
		90473		IC 3172-A		Site File No.

CONDITIONS FOR COMPLIANCE

No modifications to the EUT were necessary to comply.

APPROVALS

Steve Behm, Director of Engineering Services

QUALITY ASSURANCE:

Joyce Walker, Quality Assurance Administrative Manager

TEST PERSONNEL:

Eddie Wong, EMC Engineer

EQUIPMENT UNDER TEST (EUT) DESCRIPTION

The EUT tested by CKC Laboratories was representative of a production unit.

EQUIPMENT UNDER TEST

Power Supply

Manuf:	Oriental Hero Electrical Company
Model:	OH-48052DT
Serial:	NA
FCC ID:	NA

CDMA Dual Band Modem

Manuf:	AnyDATA Corporation
Model:	EMIV-Dual
Serial:	ESN6C1A8BF2
FCC ID:	pending

PERIPHERAL DEVICES

The EUT was tested with the following peripheral device(s):

Laptop

Manuf:	Compaq
Model:	EVO N150
Serial:	PP2110
FCC ID:	DoC

TEMPERATURE AND HUMIDITY DURING TESTING
The temperature during testing was within +15°C and + 35°C.
The relative humidity was between 20% and 75%.

FCC 2.1033(c)(3) USER'S MANUAL
The necessary information is contained in a separate document.

FCC 2.1033 (c)(4) TYPE OF EMISSIONS
1M29F9W

FCC 2.1033 (c)(5) FREQUENCY RANGE
Part 22 – 824.04 – 848.97 MHz, Part 24 – 1851.25 – 1908.75 MHz

FCC 2.1033 (c)(6) OPERATING POWER
Part 22 – 0.4074 Watts, Part 24 – 0.6792 Watts

FCC 2.1033 (c)(7) MAXIMUM POWER RATING
Part 22 – 7 Watts, Part 24 – 2 Watts

FCC 2.1033 (c)(8) DC VOLTAGES
The necessary information is contained in a separate document.

FCC 2.1033 (c)(9) TUNE-UP PROCEDURE
The necessary information is contained in a separate document.

FCC 2.1033(c)(10) SCHEMATICS AND CIRCUITRY DESCRIPTION
The necessary information is contained in a separate document.

FCC 2.1033(c)(11) LABEL AND PLACEMENT
The necessary information is contained in a separate document.

FCC 2.1033(c)(12) SUBMITTAL PHOTOS
The necessary information is contained in a separate document.

FCC 2.1033 (c)(13) MODULATION INFORMATION
CDMA

FCC 2.1033(c)(14)/2.1046/22.913(a) - RF POWER OUTPUT

22.913 Effective radiated power limits. - The effective radiated power (ERP) of transmitters in the Cellular Radiotelephone Service must not exceed the limits in this section.

(a) Maximum ERP. The effective radiated power (ERP) of base transmitters and cellular repeaters must not exceed 500 Watts. The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

Setup

Conducted RF Power
The EUT is placed on the test bench. USB port is connected to support laptop. The Support laptop runs test program to set the Transmitting and receiving channel, power level of the EUT. RF power is measured at the RF output port of the EUT with an Average Power meter. (AGC is adjusted to read +25.5 dBm on the power meter)

Freq	Measured Ave Power
824.04 MHz	+25.5 dBm
836.52 MHz	+25.5 dBm
848.97 MHz	+25.5 dBm

Effective Radiated Power.
Antenna Substitution method. : The EUT is placed on the test bench, the maximum RF level is determined by rotating the turntable and raising and lowering of the receiving Dipole antenna. The EUT is then removed and replaced by a substituting dipole antenna.

A signal generator sends RF power to the substituting dipole antenna, the RF level is adjusted to provided the same RF level as previously measured.

ERP is determined by measuring the RF power at the feed point of the substituting antenna with an Average power meter.

Freq	ERP	
824.04 MHz	+25.0 dBm	0.3162 W
836.52 MHz	+26.1 dBm	0.4074 W
848.97 MHz	+24.4 dBm	0.2754 W

Conclusion
As indicated below, each single channel does not exceed the 7 Watt ERP limits.

FCC 2.1033(c)(14)/2.1046/24.232(b) - RF POWER OUTPUT

§24.232 Power and antenna height limits.

(b) Mobile/portable stations are limited to 2 watts e.i.r.p. peak power and the equipment must employ means to limit the power to the minimum necessary for successful communications.

Setup

Conducted RF Power
The EUT is placed on the test bench. USB port is connected to support laptop. The Support laptop runs test program to set the Transmitting and receiving channel, power level of the EUT. RF power is measured at the RF output port of the EUT with an Average Power meter. (AGC is adjusted to read +25.5 dBm on the power meter)

Freq	Measured Ave Power
1851.25 MHz	+25.5 dBm
1880.00 MHz	+25.5 dBm
1908.75 MHz	+25.5 dBm

Effective Radiated Power.
Antenna Substitution method. : The EUT is placed on the test bench, the maximum RF level is determined by rotating the turntable and railing and lowering of the measuring Horn antenna. The EUT is then removed and replaced by a substituting Horn antenna.

A signal generator sends RF power to the substituting Horn antenna, the RF level is adjusted to provided the same RF level as previously measured.

Effective Isotropic Radiated Power
ERP is determined by measuring the RF power at the feed point of the substituting antenna with an Average power meter. The EIRP is converted from ERP using the formula

Horn antenna factor = 27.4 dB @1880 MHz

Antenna Gain of Substituting antenna

Gain (dBi) = 20 log(f) – 29.77 – Antenna Factor

= 20 Log (1880) –29.77 – 27.4

= 8.31 dBi

EIRP = measured power and 8.31 dBi

Freq	EIRP	
1851.25 MHz	26.53dBm	0.4498 W
1880.00 MHz	28.32dBm	0.6792 W
1908.75 MHz	25.31dBm	0.3396 W

Conclusion

As indicated above, each single channel does not exceed the 2 Watt EIRP limits.

Test Equipment

Dipole Antenna	NA	CKC	CKC	Set 4	120202	120204
Horn Antenna	0849	EMCO	3115	6246	091002	091004
Horn Antenna	01646	EMCO	3115	9603-4683	042503	042505
Signal Generator	02227	Marconi	2024	112282/515	090903	090904
RF Power meter	02082	HP	435B	2445A11881	061704	061706
Power Sensor	02036	HP	8482A	1551A01004	061806	061806

PHOTOGRAPH SHOWING DIRECT CONNECT TEST SETUP

PHOTOGRAPH SHOWING DIRECT CONNECT TEST SETUP

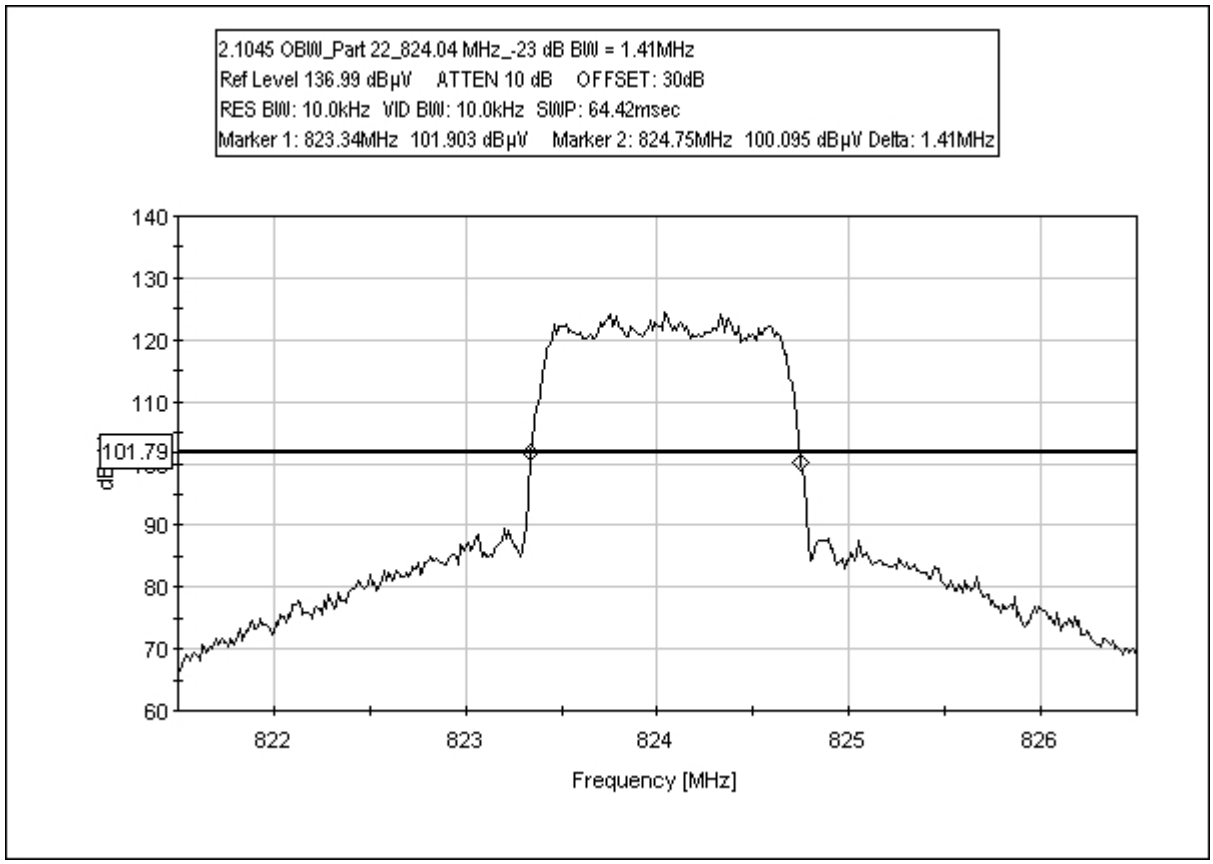
FCC 2.1033(c)(14)/2.1047(a) - MODULATION CHARACTERISTICS - AUDIO FREQUENCY RESPONSE

Not applicable to this unit.

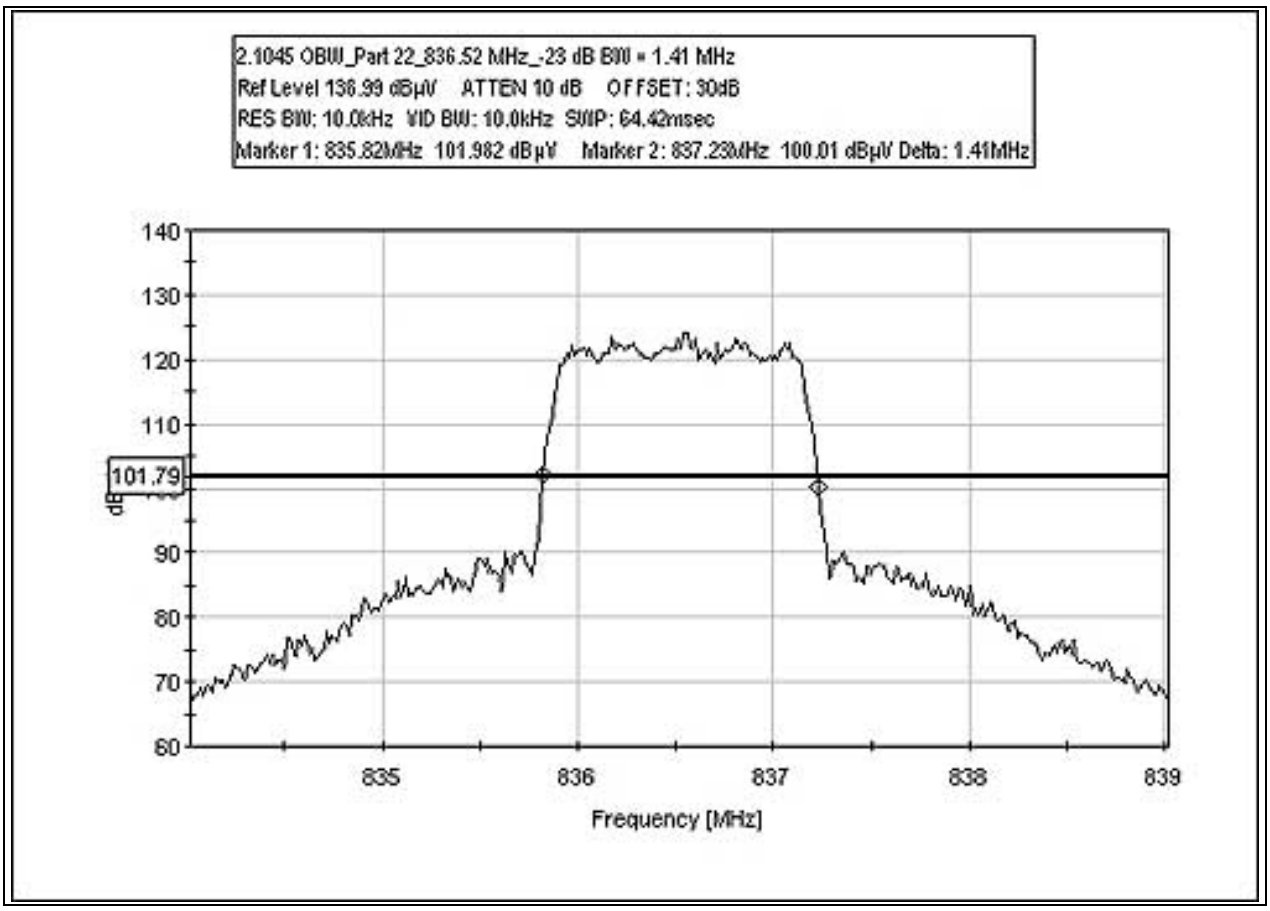
FCC 2.1033(c)(14)/2.1047(b) MODULATION CHARACTERISTICS– Modulation Limiting Response

Not applicable to this unit.

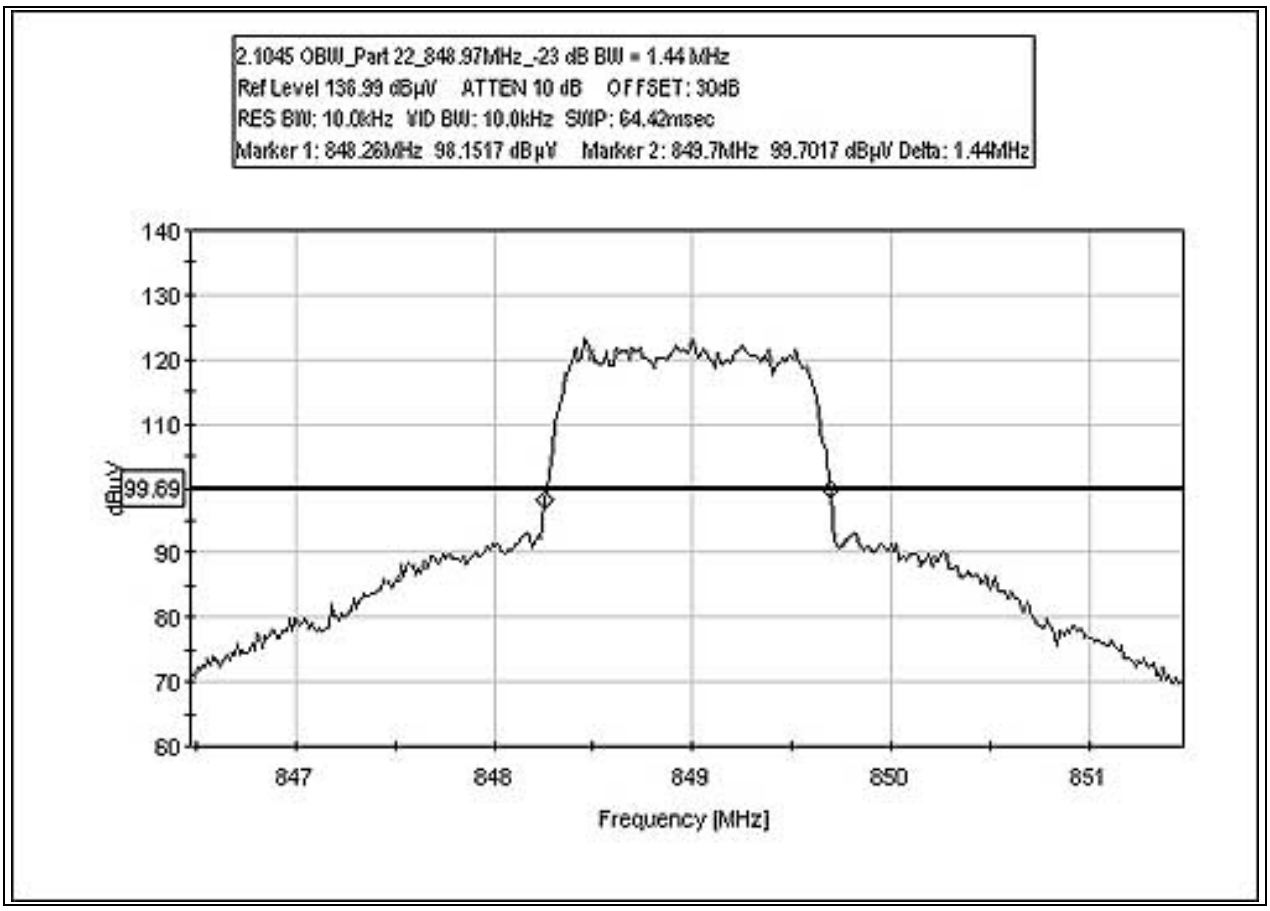
FCC 2.1045 OCCUPIED BANDWIDTH PART 22: 824.04 MHz



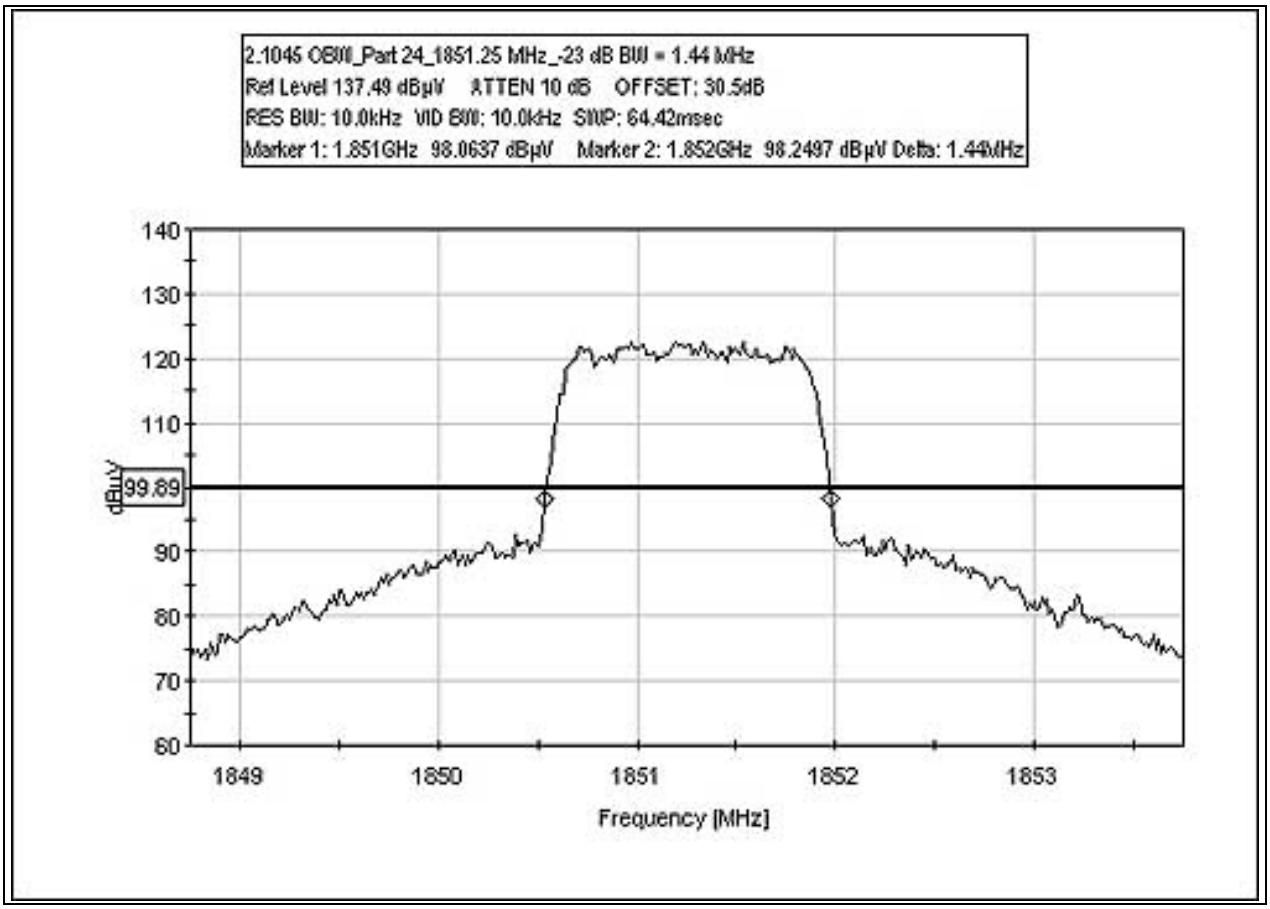
FCC 2.1045 OCCUPIED BANDWIDTH PART 22: 836.52 MHz



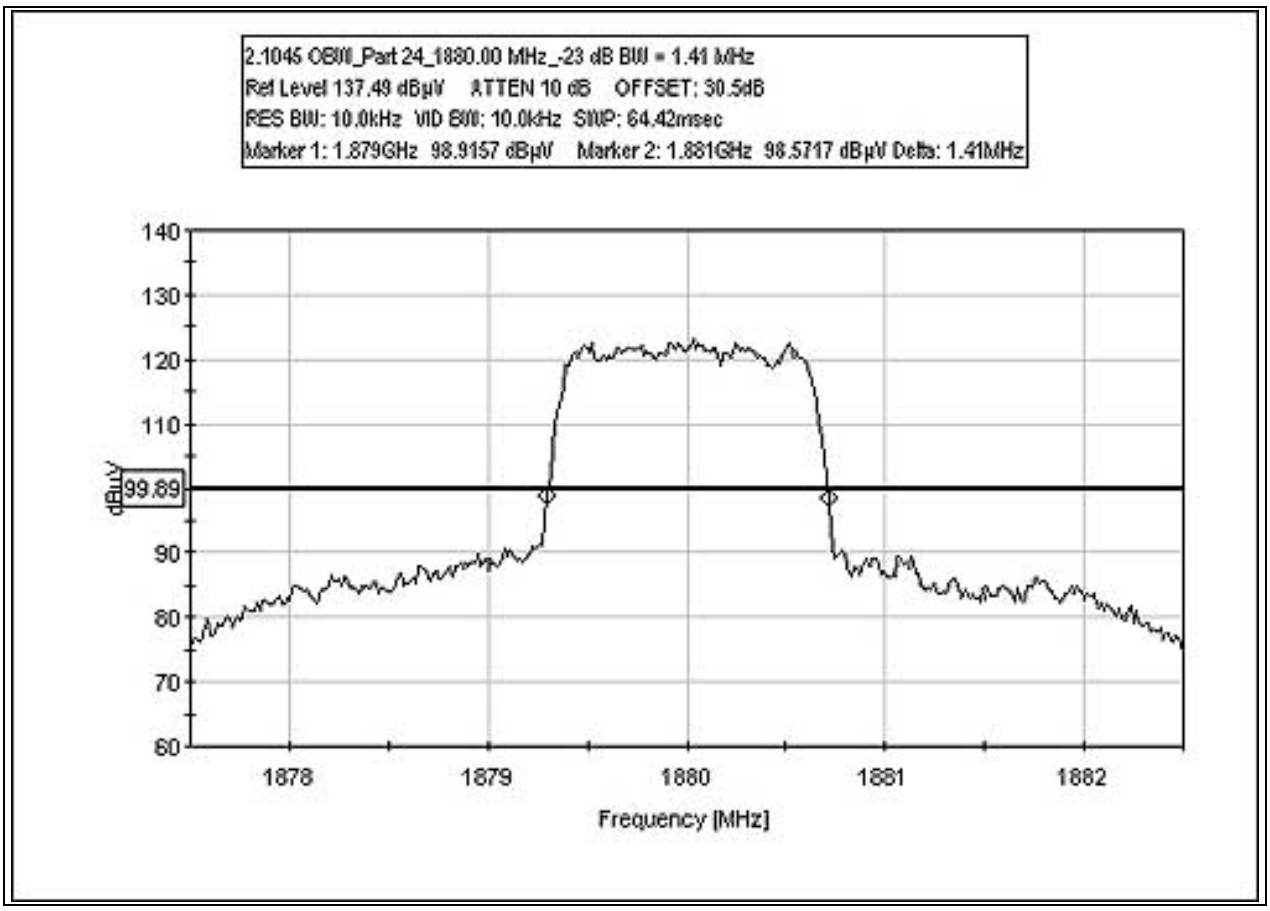
FCC 2.1045 OCCUPIED BANDWIDTH PART 22: 848.97 MHz



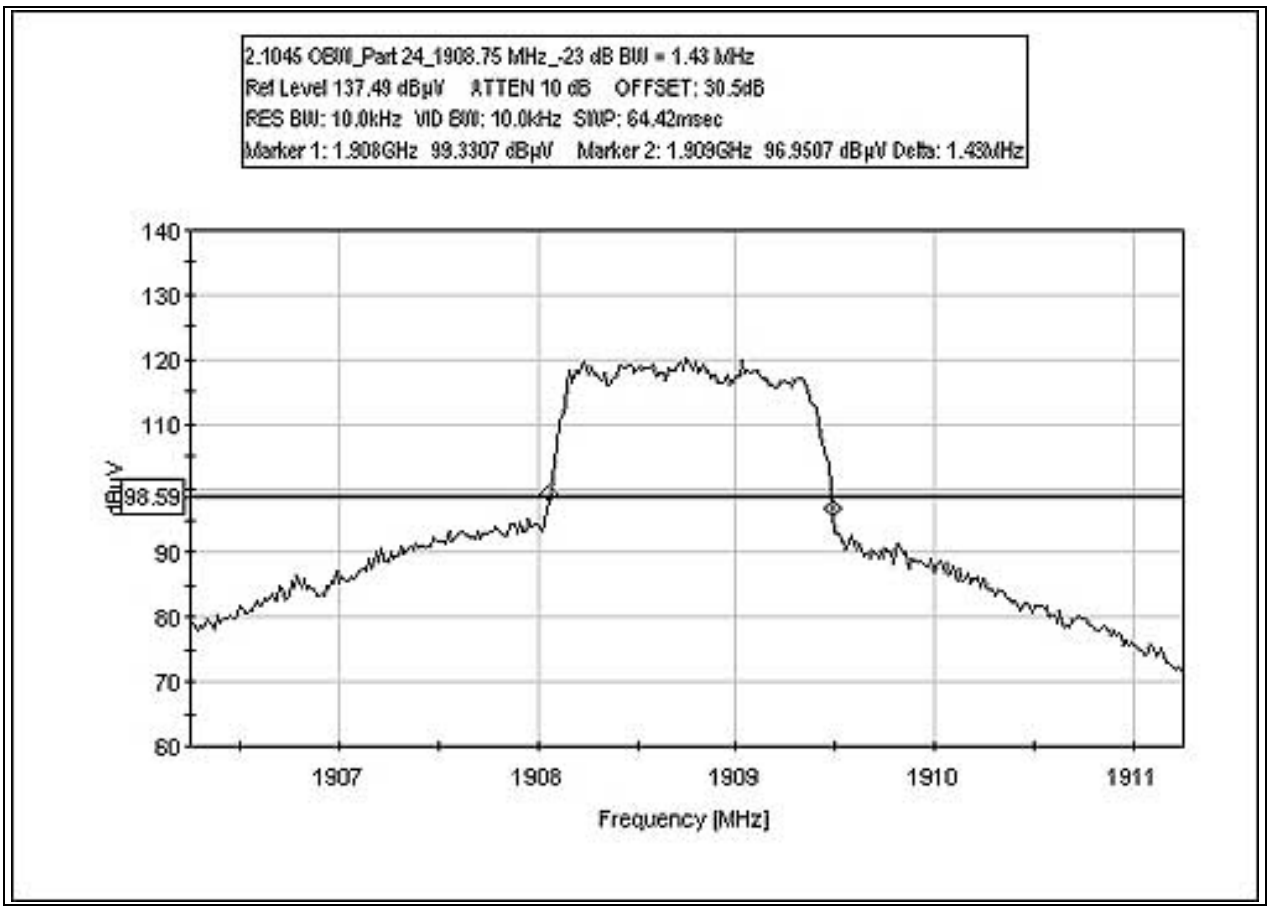
FCC 2.1045 OCCUPIED BANDWIDTH PART 24: 1851.25 MHz



FCC 2.1045 OCCUPIED BANDWIDTH PART 24: 1880.00 MHz



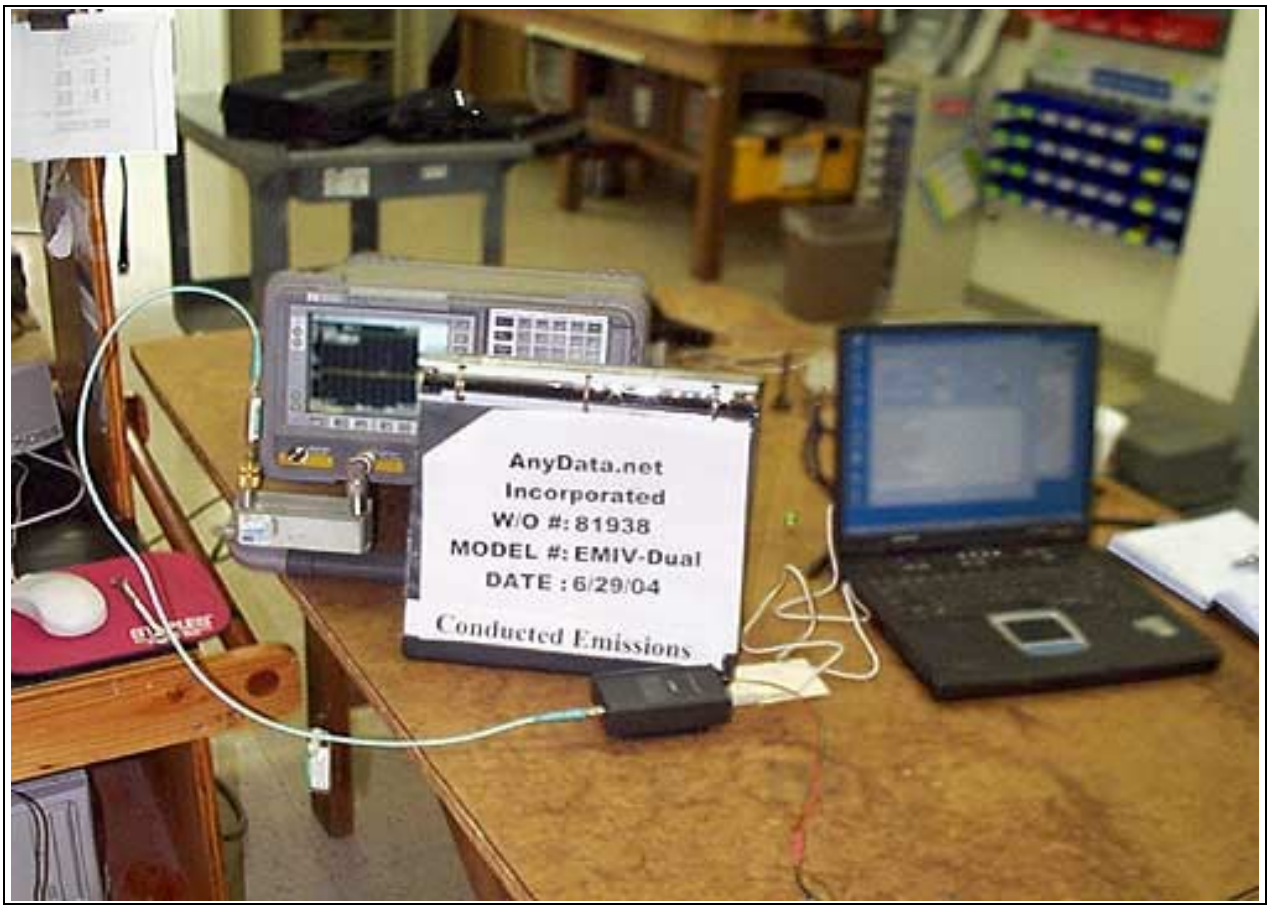
FCC 2.1045 OCCUPIED BANDWIDTH Part 24: 1908.75 MHz



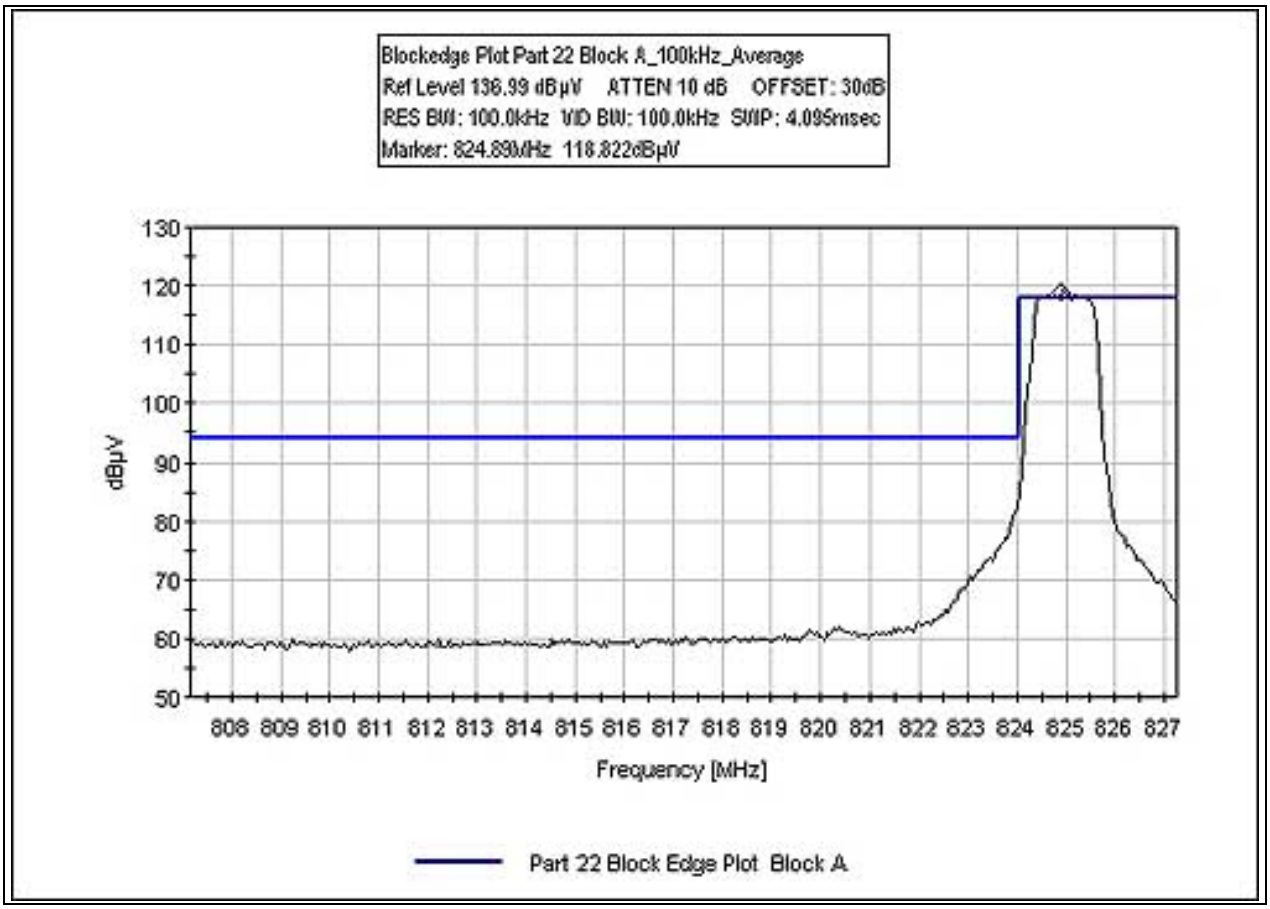
Test Equipment

Spectrum Analyzer	02467	Agilent	E7405A	US40240225	033103	033105

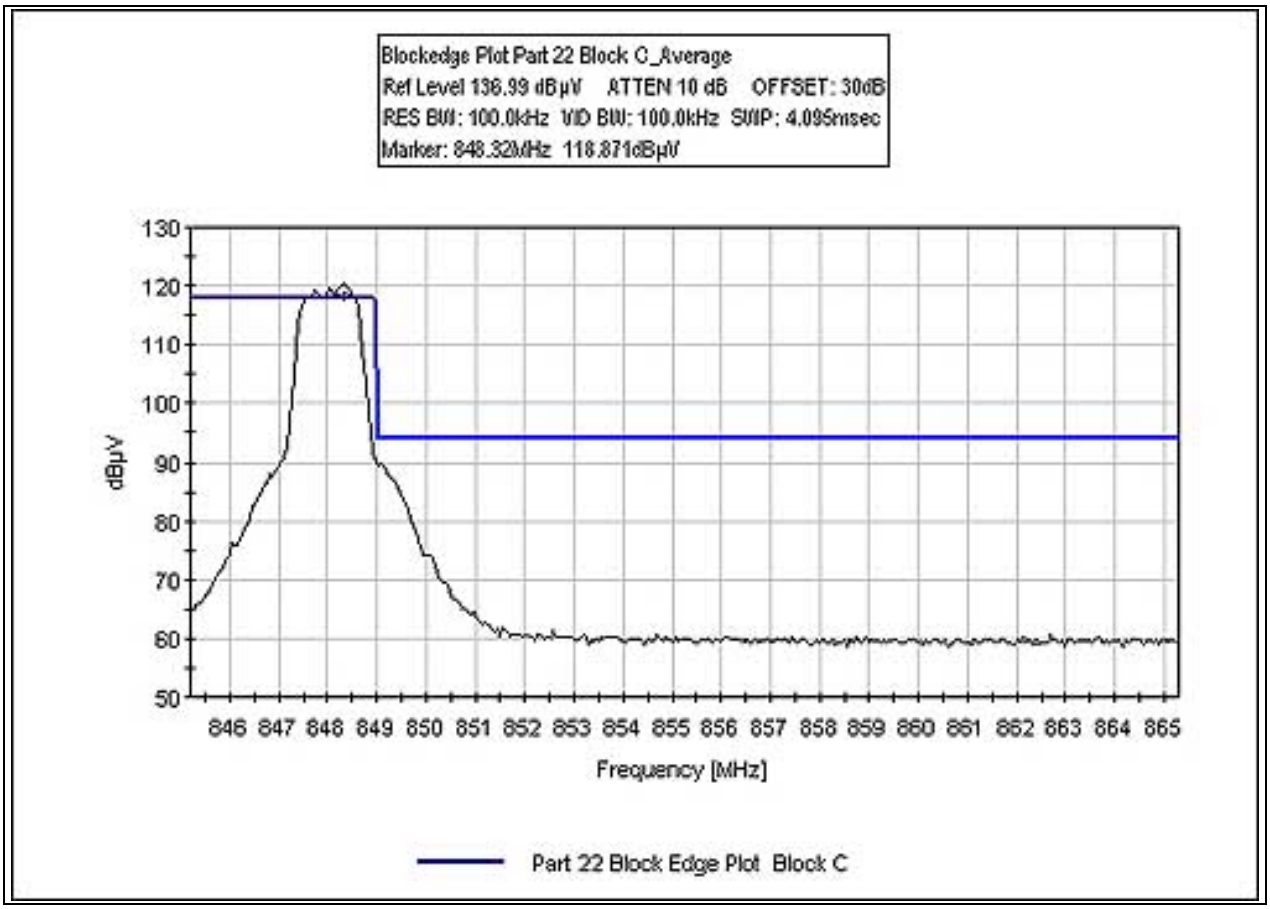
PHOTOGRAPH SHOWING DIRECT CONNECT TEST SETUP



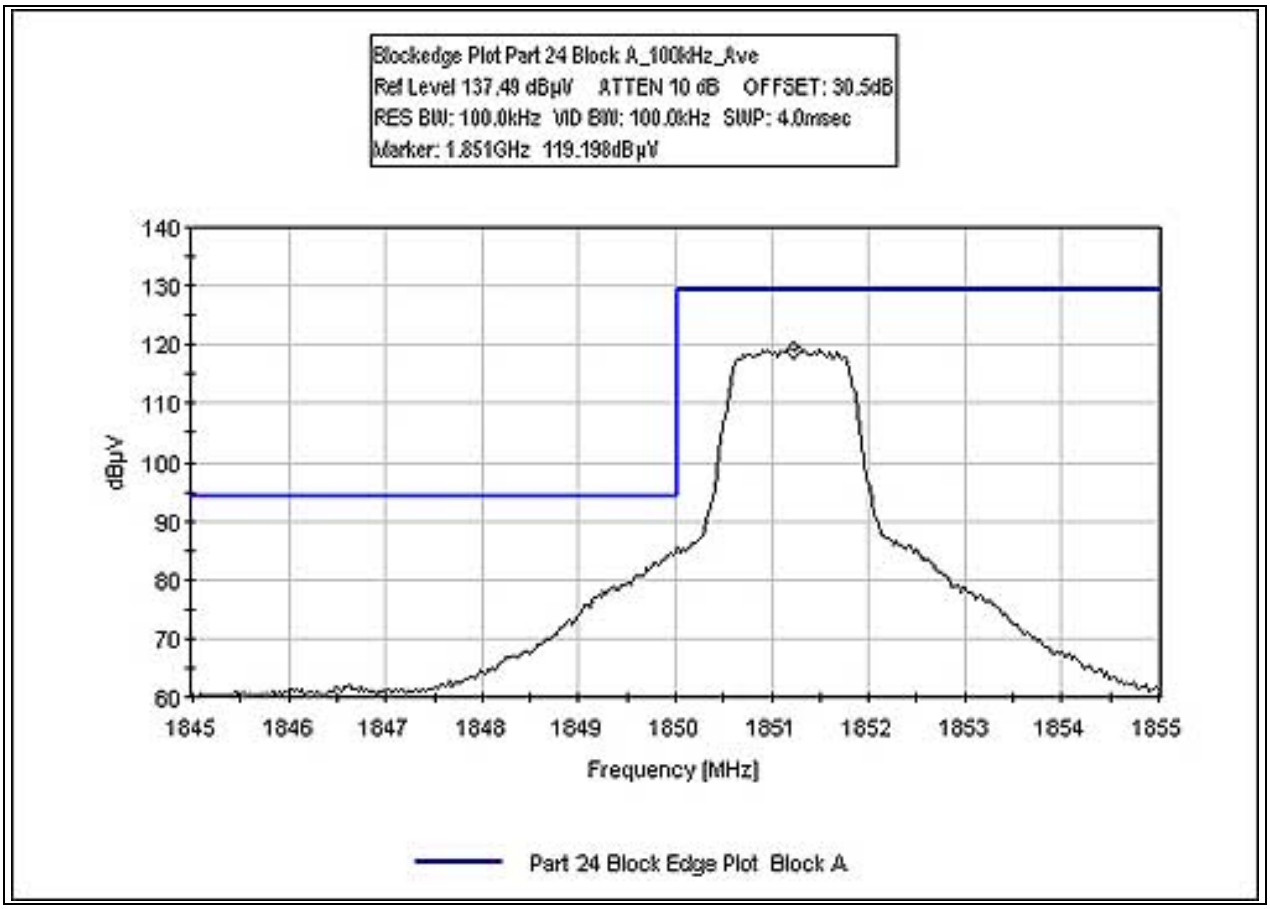
BLOCKEDGE PLOT PART 22 BLOCK A



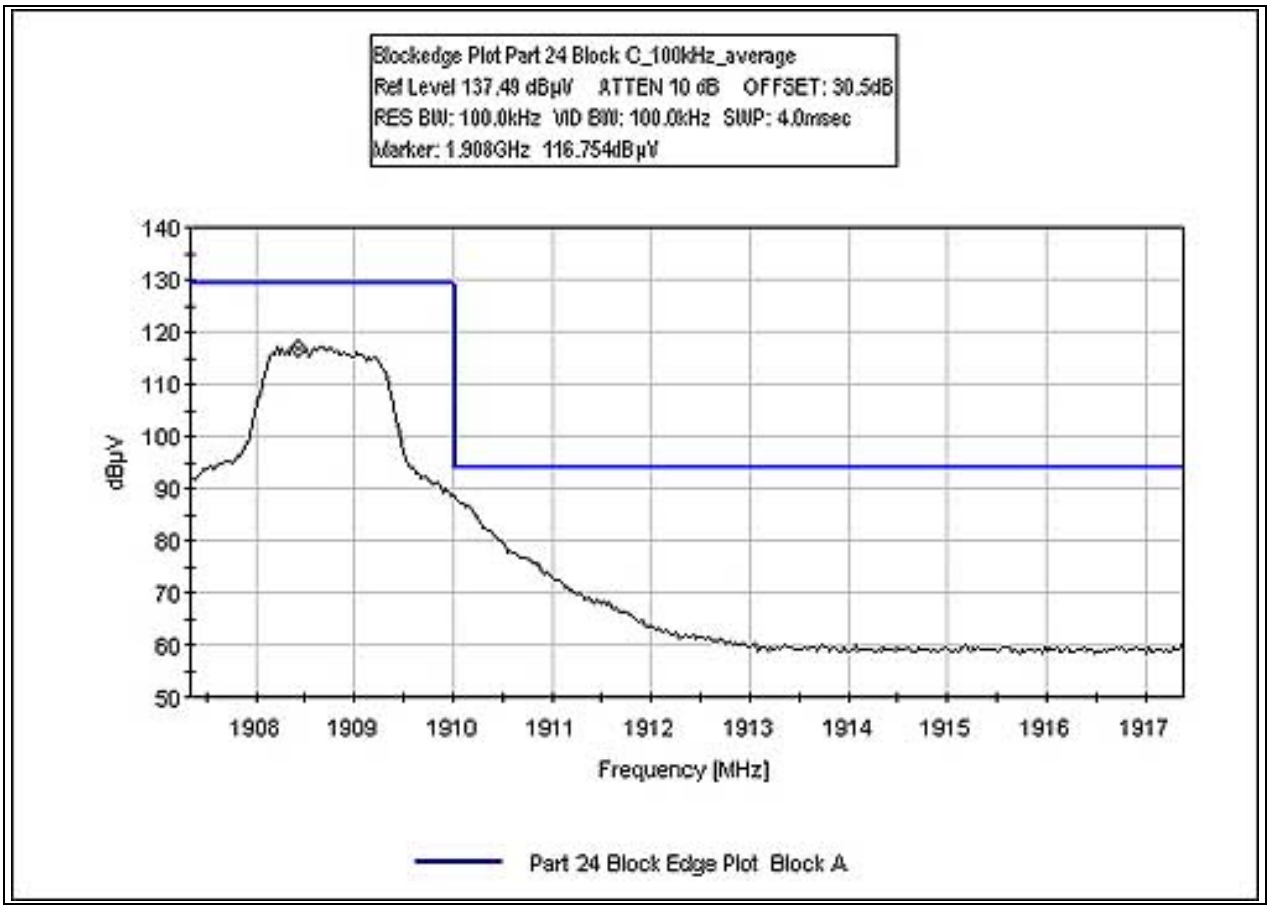
BLOCKEDGE PLOT PART 22 BLOCK C



BLOCKEDGE PLOT PART 24 BLOCK A



BLOCKEDGE PLOT PART 24 BLOCK C



Test Equipment

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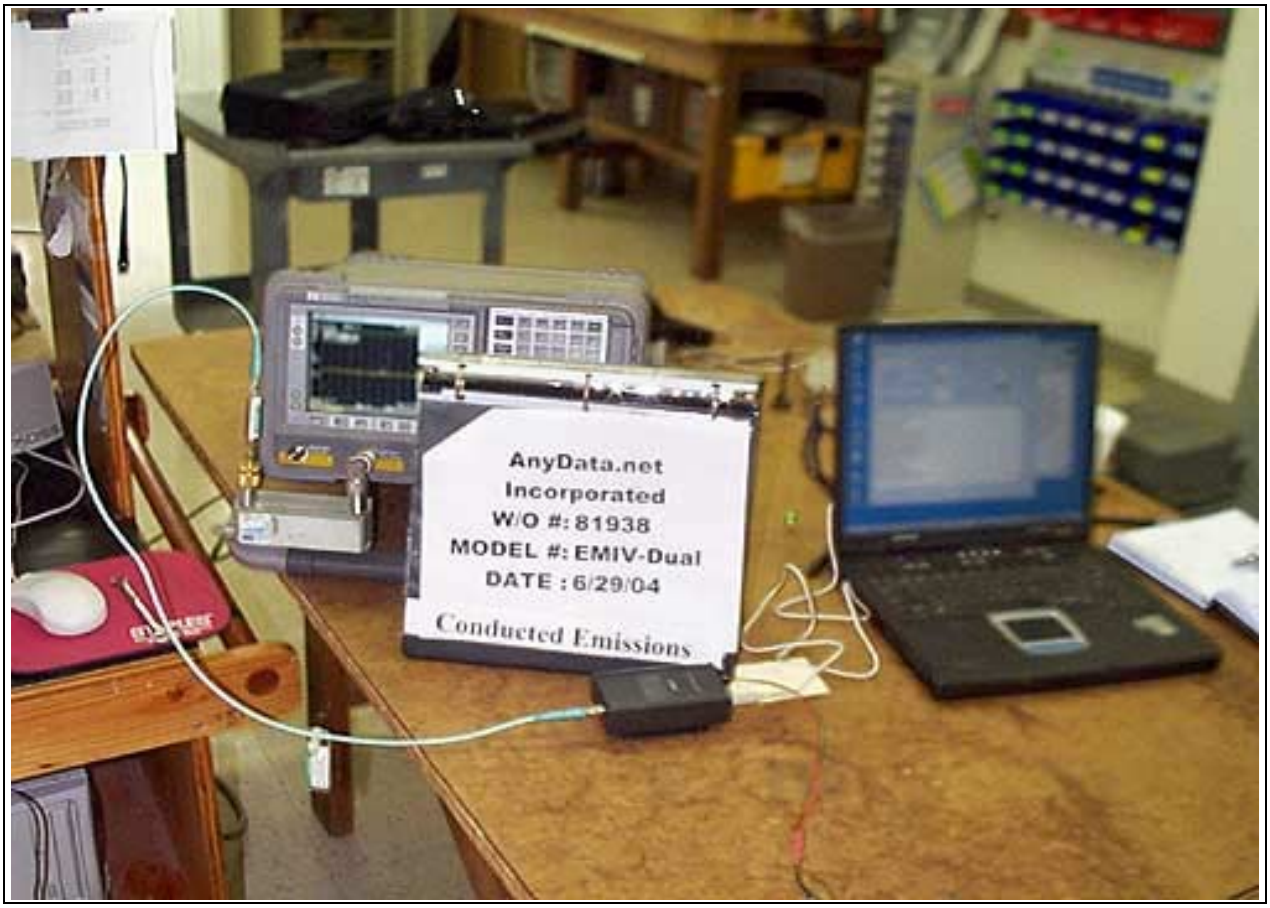
PHOTOGRAPH SHOWING DIRECT CONNECT TEST SETUP



FCC 2.1033(c)(14)/2.1051/22.917(a) - SPURIOUS EMISSIONS AT ANTENNA TERMINAL

Limit line for Spurious Conducted Emission

Required Attenuation = 43+10 Log P dB

Limit line (dBuV) = V_{dBuv} - Attenuation

$V_{dBuV} = 20 \text{ Log } \frac{V}{1 \text{ x } 10^{-6}}$

$= 20\left(\text{Log } V - \text{Log } 1 \text{ x } 10^{-6}\right)$

$= 20 \text{ Log } V - 20 \text{ Log} 1 \text{ x } 10^{-6}$

$= 20 \text{ Log } V - 20(-6)$

$= 20 \text{ Log } V + 120$

Attenuation $= 43 + 10 \text{ Log } P$

$= 43 + 10 \text{ Log } \frac{V^2}{R}$

$= 43 + 10\left(\text{Log } V^2 - \text{Log } R\right)$

$= 43 + 10\left(2 \text{ Log } V - \text{Log } R\right)$

$= 43 + 20 \text{ Log } V - 10 \text{ Log } R$

Limit line = V_{dBuv} - Attenuation

= 20 Log V + 120 – (43 + 20 Log V – 10Log R)

= 20 Log V + 120 – 43 – 20 Log V + 10Log R

= 20 Log V + 120 – 43 – 20 Log V + 10Log R

= 120 – 43 + 10 Log 50 Note : R = 50 Ω

= 120 –43 + 16.897

= 94 dBuV at any power level

Test Location:	CKC Laboratories, Inc. • 110 N. Olinda Place • Brea, CA 92823 • (714) 993-6112
Customer:	**ANYDATA CORPORATION**
Specification:	**FCC PART 22.917(A) CONDUCTED SPURIOUS EMISSIONS**
Work Order #:	**81938**
Date:	06/29/2004
Test Type:	**CONDUCTED EMISSIONS**
Time:	16:20:11
Equipment:	**CDMA DATA MODEM (DUAL BAND)**
Sequence#:	3
Manufacturer:	AnyDATA Corporation
Tested By:	Eddie Wong
Model:	EMIV-Dual
	110V 60Hz
S/N:	ESN6C1A8BF2

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. USB port is connected to a support laptop. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT . The EUT is in transmit and receive mode during the test. Tx Freq = 848.97 MHz. Frequency range of measurement = 9 kHz - 9 GHz. 9 kHz - 150 kHz: RBW=200 Hz, VBW=200 Hz; 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz; 30 MHz - 1000 MHz: RBW=120 kHz, VBW=120 kHz; 1000 MHz - 9000 MHz: RBW=1 MHz, VBW=1 MHz. 110VAC, 60 Hz, 23°C, 47% Relative Humidity.

Transducer Legend:

T1=SMA Cable 1-40GHz AN2604 012305	T2=HPF AN02116 1.5GHz 060605

Measurement Data: Reading listed by margin. Test Lead: Antenna Terminal

#	Freq MHz	Rdng dBµV	T1 dB	T2 dB	dB	dB	Dist Table	Corr dBµV/m	Spec dBµV/m	Margin dB	Polar Ant
1	848.900M	129.2	+0.0	+0.0			+0.0	129.2	94.0 Fundamental	+35.2	Anten
2	2547.000M	85.3	+0.5	+0.3			+0.0	86.1	94.0	-7.9	Anten
3	3396.500M	62.8	+0.6	+0.2			+0.0	63.6	94.0	-30.4	Anten
4	162.000M	55.3	+0.0	+0.0			+0.0	55.3	94.0	-38.7	Anten
5	5093.500M	49.5	+0.8	+0.5			+0.0	50.8	94.0	-43.2	Anten
6	5944.000M	46.2	+0.9	+0.4			+0.0	47.5	94.0	-46.5	Anten
7	4244.000M	45.2	+0.7	+0.5			+0.0	46.4	94.0	-47.6	Anten

Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112		
Customer:	**ANYDATA CORPORATION**		
Specification:	**FCC PART 22.917(A) CONDUCTED SPURIOUS EMISSIONS**		
Work Order #:	**81938**	Date:	06/29/2004
Test Type:	**CONDUCTED EMISSIONS**	Time:	16:13:26
Equipment:	**CDMA DATA MODEM (DUAL BAND)**	Sequence#:	2
Manufacturer:	AnyDATA Corporation	Tested By:	Eddie Wong
Model:	EMIV-Dual		110V 60Hz
S/N:	ESN6C1A8BF2		

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. USB port is connected to a support laptop. The Support laptop runs test program to set the Transmitting and Receiving channel, power level of the EUT. The EUT is in transmit and receive mode during the test. Tx Freq = 836.52 MHz. Frequency range of measurement = 9 kHz - 9 GHz. 9 kHz - 150 kHz: RBW=200 Hz, VBW=200 Hz; 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz; 30 MHz - 1000 MHz: RBW=120 kHz, VBW=120 kHz, 1000 MHz - 9000 MHz: RBW=1 MHz, VBW=1 MHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

T1=SMA Cable 1-40GHz AN2604 012305	T2=HPF AN02116 1.5GHz 060605

Measurement Data: Reading listed by margin. Test Lead: Antenna Terminal

#	Freq MHz	Rong dBµV	T1 dB	T2 dB	dB	dB	Dist Table	Corr dBµV/m	Spec dBµV/m	Margin dB	Polar Ant
1	836.220M	128.3	+0.0	+0.0			+0.0	128.3	94.0 Fundamental	+34.3	Anten
2	2510.070M	85.9	+0.5	+0.3			+0.0	86.7	94.0	-7.3	Anten
3	3345.300M	62.3	+0.6	+0.2			+0.0	63.1	94.0	-30.9	Anten
4	1673.100M	57.4	+0.4	+0.8			+0.0	58.6	94.0	-35.4	Anten
5	131.000M	55.6	+0.0	+0.0			+0.0	55.6	94.0	-38.4	Anten
6	5017.300M	51.4	+0.8	+0.5			+0.0	52.7	94.0	-41.3	Anten

Test Location:	CKC Laboratories, Inc. • 110 N. Olinda Place • Brea, CA 92823 • (714) 993-6112
Customer:	**ANYDATA CORPORATION**
Specification:	**FCC PART 22.917(A) CONDUCTED SPURIOUS EMISSIONS**
Work Order #:	**81938** Date: 06/29/2004
Test Type:	**CONDUCTED EMISSIONS** Time: 15:59:38
Equipment:	**CDMA DATA MODEM (DUAL BAND)** Sequence#: 1
Manufacturer:	AnyDATA Corporation Tested By: Eddie Wong
Model:	EMIV-Dual 110V 60Hz
S/N:	ESN6C1A8BF2

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. USB port is connected to a support laptop. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT . The EUT is in transmit and receive mode during the test. Tx Freq = 824.04 MHz. Frequency range of measurement = 9 kHz - 9 GHz. 9 kHz - 150 kHz: RBW=200 Hz, VBW=200 Hz; 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz; 30 MHz - 1000 MHz: RBW=120 kHz, VBW=120 kHz; 1000 MHz - 9000 MHz: RBW=1 MHz, VBW=1 MHz. 110VAC, 60 Hz, 23°C, 47% Relative Humidity.

Transducer Legend:

T1=SMA Cable 1-40GHz AN2604 012305	T2=HPF AN02116 1.5GHz 060605

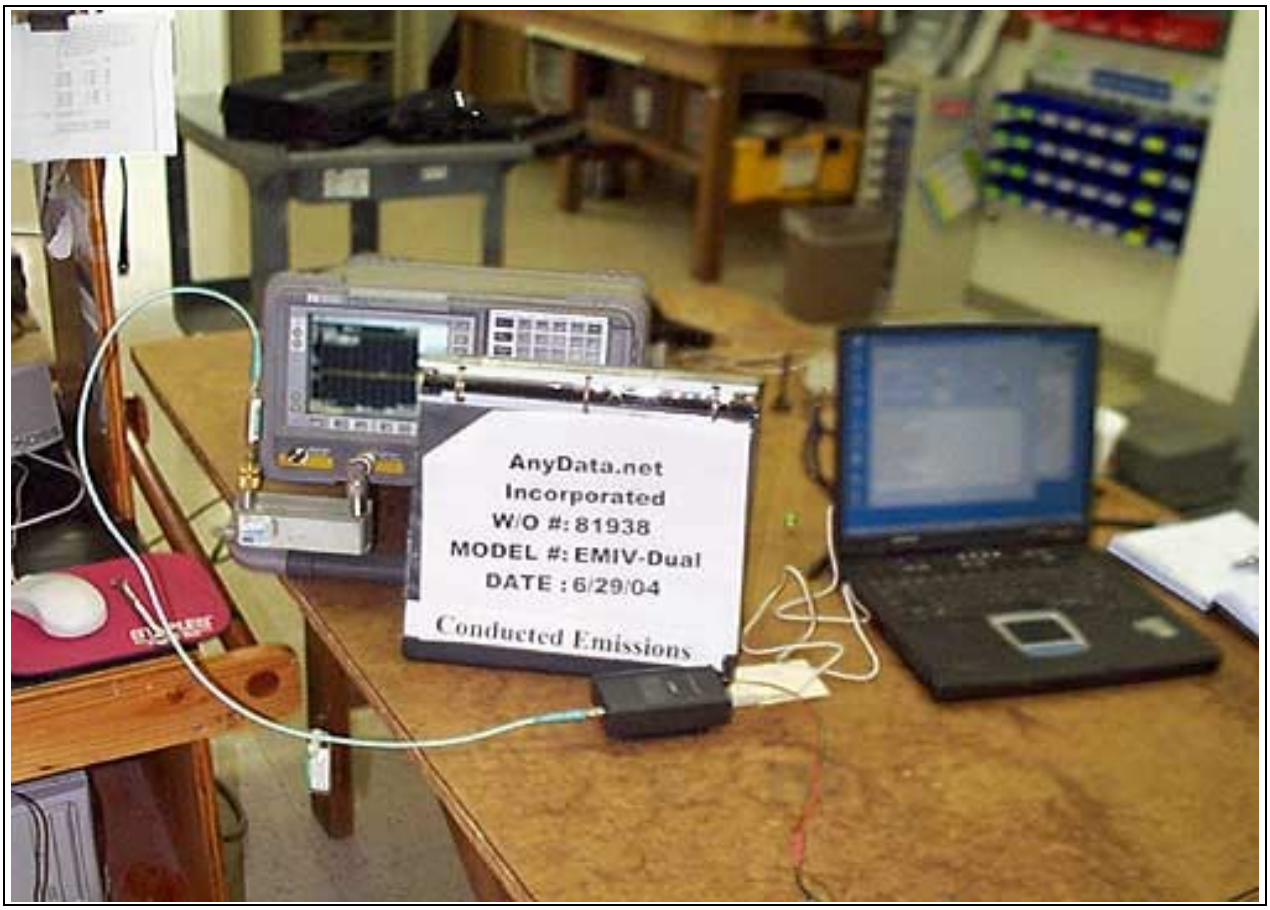
Measurement Data: Reading listed by margin. Test Lead: Antenna Terminal

#	Freq MHz	Rdng dBuV	T1 dB	T2 dB	dB	dB	Dist Table	Corr dBuV/m	Spec dBuV/m	Margin dB	Polar Ant
1	824.000M	118.0	+0.0				+0.0	118.0	94.0 Fundamental	+24.0	Anten
2	2471.400M	84.1	+0.5	+0.3			+0.0	84.9	94.0	-9.1	Anten
3	3295.300M	61.6	+0.6	+0.2			+0.0	62.4	94.0	-31.6	Anten
4	1648.500M	56.7	+0.4	+0.8			+0.0	57.9	94.0	-36.1	Anten
5	4942.500M	52.2	+0.8	+0.5			+0.0	53.5	94.0	-40.5	Anten
6	99.500M	48.5	+0.0				+0.0	48.5	94.0	-45.5	Anten

Test Equipment

Spectrum Analyzer	02467	Agilent	E7405A	US40240225	033103	033105

PHOTOGRAPH SHOWING DIRECT CONNECT TEST SETUP



FCC 2.1033(c)(14)/2.1051/24.238(a) - SPURIOUS EMISSIONS AT ANTENNA TERMINAL

Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112		
Customer:	**ANYDATA CORPORATION**		
Specification:	**FCC 24.238 (A) CONDUCTED SPURIOUS EMISSIONS**		
Work Order #:	**81938**	Date:	06/29/2004
Test Type:	**CONDUCTED EMISSIONS**	Time:	16:33:09
Equipment:	**CDMA DATA MODEM (DUAL BAND)**	Sequence#:	4
Manufacturer:	AnyData Corporation	Tested By:	Eddie Wong
Model:	EMIV-Dual		110V 60Hz
S/N:	ESN6C1A8BF2		

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052OT	NA
CDMA Data Modem (Dual Band)*	AnyData Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. USB port is connected to a support laptop. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in transmit and receive mode during the test. Tx Freq = 1851.25 MHz. Frequency range of measurement = 9 kHz - 20 GHz. 9 kHz - 150 kHz: RBW=200 Hz, VBW=200 Hz. 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz. 30 MHz - 1000 MHz: RBW=120 kHz, VBW=120 kHz. 1000 MHz - 20000 MHz: RBW=1 MHz, VBW=1 MHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

T1=SMA Cable 1-40GHz RN2604 012305	T2=HPF 2.4GHz High Pass 022005

Measurement Data: Reading listed by margin. Test Lead: Antenna Terminal

#	Freq MHz	Rdng dBuV	T1 dB	T2 dB	dB	dB	Dist Table	Corr dBuV/m	Spec dBuV/m	Margin dB	Polar Ant
1	1851.350M	133.9	+0.5	+0.0			+0.0	134.4	94.0 Fundamental	+40.4	Anten
2	3703.000M	78.1	+0.6	+0.7			+0.0	79.4	94.0	-14.6	Anten
3	5553.500M	74.1	+0.8	+2.4			+0.0	77.3	94.0	-16.7	Anten
4	7405.000M	65.4	+1.0	+5.1			+0.0	71.5	94.0	-22.5	Anten
5	14812.500M	53.5	+1.5	+3.8			+0.0	58.8	94.0	-35.2	Anten
6	9255.999M	50.8	+1.1	+5.3			+0.0	57.2	94.0	-36.8	Anten
7	11107.500M	50.1	+1.2	+4.7			+0.0	56.0	94.0	-38.0	Anten
8	12958.500M	43.5	+1.3	+5.0			+0.0	49.8	94.0	-44.2	Anten

Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112
Customer:	**ANYDATA CORPORATION**
Specification:	**FCC 24.238 (A) CONDUCTED SPURIOUS EMISSIONS**
Work Order #:	**81938** Date: 06/29/2004
Test Type:	**CONDUCTED EMISSIONS** Time: 16:38:33
Equipment:	**CDMA DATA MODEM (DUAL BAND)** Sequence#: 5
Manufacturer:	AnyDATA Corporation Tested By: Eddie Wong
Model:	EMIV-Dual 110V 60Hz
S/N:	ESN6C1A8BF2

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. USB port is connected to a support laptop. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in transmit and receive mode during the test. Tx Freq = 1880.00 MHz. Frequency range of measurement = 9 kHz - 20 GHz. 9 kHz - 150 kHz: RBW=200 Hz, VBW=200 Hz; 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz; 30 MHz - 1000 MHz: RBW=120 kHz, VBW=120 kHz; 1000 MHz - 20000 MHz: RBW=1 MHz, VBW=1 MHz. 110VAC, 60 Hz, 23DegC, 47% Relative Humidity.

Transducer Legend:

T1=SMA Cable 1-40GHz HN2604 012305	T2=HPF 2.4GHz High Pass 022005

Measurement Data: Reading listed by margin. Test Lead: Antenna Terminal

#	Freq MHz	Rdng dB·V	T1 dB	T2 dB	dB	dB	Dist Table	Corr dB·V/m	Spec dB·V/m	Margin dB	Polar Ant
1	1879.650M	134.3	+0.5	+0.0			+0.0	134.8	94.0 Fundamental	+40.8	Anten
2	3760.500M	73.6	+0.7	+0.8			+0.0	75.1	94.0	-18.9	Anten
3	5641.000M	71.2	+0.8	+2.0			+0.0	74.0	94.0	-20.0	Anten
4	7519.500M	58.0	+1.0	+5.5			+0.0	64.5	94.0	-29.5	Anten
5	9401.500M	44.8	+1.1	+6.7			+0.0	52.6	94.0	-41.4	Anten
6	16921.500M	44.0	+1.5	+3.6			+0.0	49.1	94.0	-44.9	Anten

Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112		
Customer:	**ANYDATA CORPORATION**		
Specification:	**FCC 24.238 (A) CONDUCTED SPURIOUS EMISSIONS**		
Work Order #:	**81938**	Date:	06/29/2004
Test Type:	**CONDUCTED EMISSIONS**	Time:	16:48:34
Equipment:	**CDMA DATA MODEM (DUAL BAND)**	Sequence#:	6
Manufacturer:	AnyDATA Corporation	Tested By:	Eddie Wong
Model:	EMIV-Dual		110V 60Hz
S/N:	ESN6C1A8BF2		

Test Equipment:

Function	S/N	Calibration Date	Cal Due Date	Asset #
HP8568B	US40240225	03/11/2003	03/11/2004	2472

Equipment Under Test (* EUT):

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. USB port is connected to a support laptop. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in transmit and receive mode during the test. Tx Freq = 1908.75 MHz. Frequency range of measurement = 9 kHz - 20 GHz. 9 kHz - 150 kHz: RBW=200 Hz, VBW=200 Hz; 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz; 30 MHz - 1000 MHz: RBW=120 kHz, VBW=120 kHz, 1000 MHz - 20000 MHz: RBW=1 MHz, VBW=1 MHz. 110VAC, 60 Hz, 23°C, 47% Relative Humidity.

Transducer Legend:

T1=SMA Cable 1-40GHz AN2604 012305	T2=HPF 2.4GHz High Pass 022005

Measurement Data: Reading listed by margin. Test Lead: Antenna Terminal

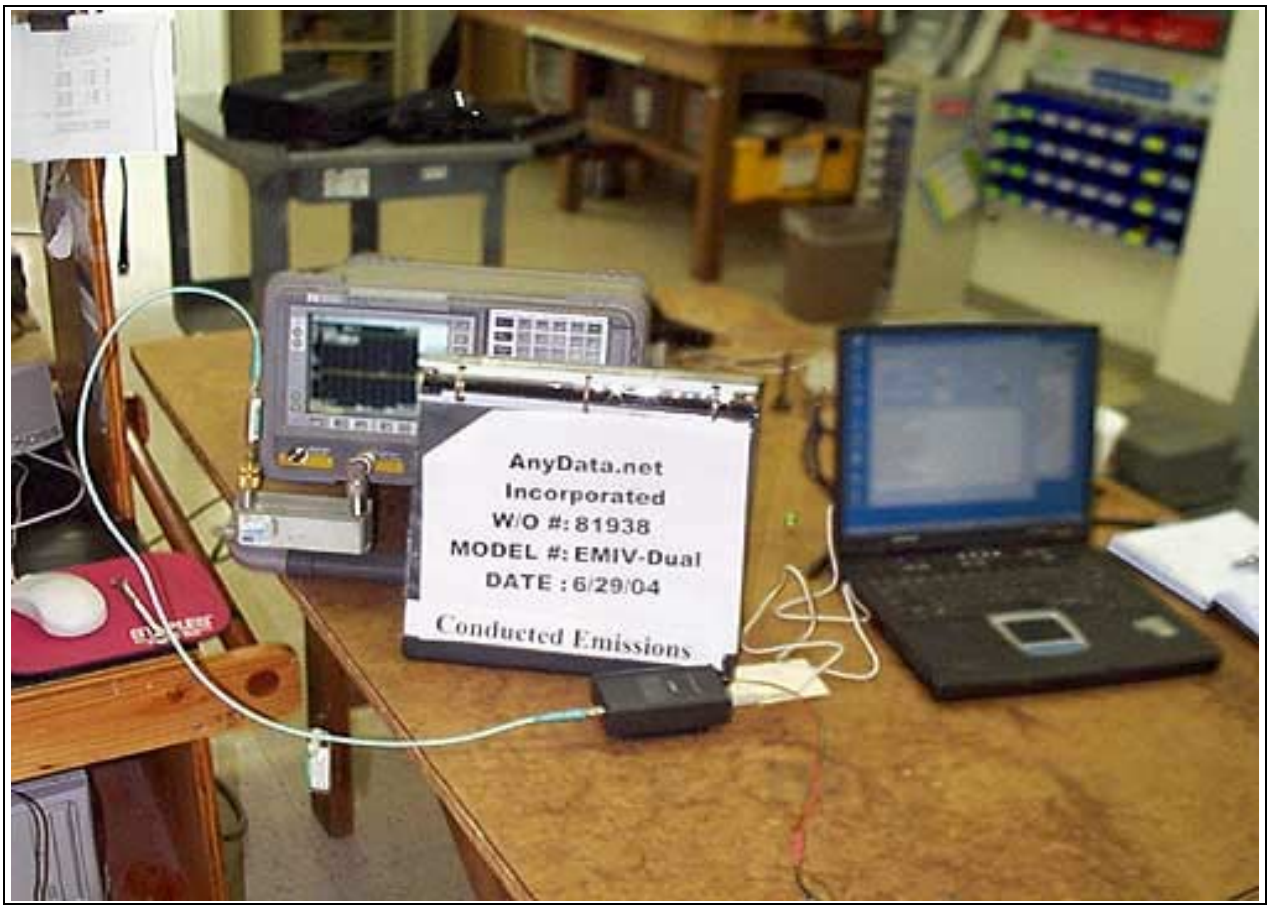
#	Freq MHz	Rdng dBuV	T1 dB	T2 dB	dB	dB	Dist Table	Corr dBuV/m	Spec dBuV/m	Margin dB	Polar Ant
1	1908.510M	133.3	+0.5	+0.0			+0.0	133.8	94.0 Fundamental	+39.8	Anten
2	3818.500M	78.6	+0.7	+0.8			+0.0	80.1	94.0	-13.9	Anten
3	5725.500M	72.7	+0.8	+1.6			+0.0	75.1	94.0	-18.9	Anten
4	3817.550M	70.2	+0.7	+0.8			+0.0	71.7	94.0	-22.3	Anten
Ave	3817.550M	79.1	+0.7	+0.8			+0.0	80.6	94.0	-13.4	Anten
6	7634.500M	57.1	+1.0	+5.7			+0.0	63.8	94.0	-30.2	Anten

7	11452.000M	58.2	+1.2	+4.0		+0.0	63.4	94.0	-30.6	ANTEN
8	17177.500M	55.7	+1.5	+5.7		+0.0	62.9	94.0	-31.1	ANTEN
9	15269.000M	43.8	+1.5	+3.6		+0.0	48.9	94.0	-45.1	ANTEN

Test Equipment

Spectrum Analyzer	02467	Agilent	E7405A	US40240225	033103	033105

PHOTOGRAPH SHOWING DIRECT CONNECT TEST SETUP



FCC 2.1033(c)(14)/2.1053/22.917(a) - FIELD STRENGTH OF SPURIOUS RADIATION

Test Conditions: The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT . The EUT is in transmit and receive mode during the test All other ports are left unterminated. Tx Freq = 824.04 MHz, 836.52 MHz and 848.97 MHz.. Frequency range of measurement = 9 kHz - 9 GHz. 9 kHz - 150 kHz; RBW=200 Hz, VBW=200 Hz; 150 kHz - 30 MHz; RBW=9 kHz, VBW=9 kHz; 30 MHz - 1000 MHz; RBW=120 kHz, VBW=120 kHz, 1000 MHz - 9000 MHz; RBW=1 MHz, VBW=1 MHz. 110VAC, 60 Hz, 23°C, 47 % relative humidity.

Operating Frequency: 824.02 MHz
Channels: Low
Highest Measured Output Power: 25.00 ERP(dBm)= 0.3162 ERP(Watts)
Distance: 3 meters
Limit: 43+10Log(P) 38.00 dBc

Freq. (MHz)	Reference Level (dBm)	Antenna Polarity (H/V)	dBc
2,471.60	-26.8	Vert	51.80
1,647.45	-31.5	Vert	56.50
3,295.30	-32.8	Vert	57.80
2,473.05	-33.3	Vert	58.30
2,473.05	-24.7	Vert	49.70
2,471.80	-33.8	Horiz	58.80
1,648.00	-34	Horiz	59.00
3,295.60	-34.5	Horiz	59.50
3,295.60	-34.5	Horiz	59.50
2,471.65	-34.6	Horiz	59.60
3,296.00	-42.3	Vert	67.30
4,945.00	-42.4	Horiz	67.40
4,945.00	-43.4	Vert	68.40
3,295.30	-44.7	Horiz	69.70
1,647.60	-50.6	Vert	75.60
1,647.60	-50.8	Horiz	75.80
3,476.00	-52.8	Vert	77.80

Operating Frequency: 836.52 MHz
Channels: Mid
Highest Measured Output Power: 26.10 ERP(dBm)= 0.4074 ERP(Watts)
Distance: 3 meters
Limit: 43+10Log(P) 39.10 dBc

Freq. (MHz)	Reference Level (dBm)	Antenna Polarity (H/V)	dBc
2,480.30	-26.6	Vert	52.70
2,479.00	-27.1	Horiz	53.20
3,305.13	-33.4	Horiz	59.50
3,307.00	-33.4	Vert	59.50
2,479.55	-33.8	Vert	59.90
4,133.00	-48.6	Horiz	74.70
1,653.00	-52.4	Horiz	78.50
1,653.00	-54	Vert	80.10

Operating Frequency: 848.97 MHz
Channels: High
Highest Measured Output Power: 24.40 ERP(dBm)= 0.2754 ERP(Watts)
Distance: 3 meters
Limit: 43+10Log(P) 37.40 dBc

Freq. (MHz)	Reference Level (dBm)	Antenna Polarity (H/V)	dBc
2,547.00	-33.4	Vert	57.80
2,547.00	-25.3	Vert	49.70
2,546.00	-34	Horiz	58.40
3,395.00	-37.4	Vert	61.80
3,395.03	-42.6	Horiz	67.00
1,697.90	-46	Vert	70.40
1,697.00	-49.1	Horiz	73.50
4,248.00	-49.4	Vert	73.80

Test Equipment

Equipment	Asset #	Manufacturer	Model #	Serial #	Cal Date	Cal Due
Spectrum Analyzer RF Section	02462	HP	8568B	2928A04874	031103	031105
Spectrum Analyzer Display Section	02472	HP	85662A	3001A18430	031103	031105
QP Adapter	01437	HP	85650A	3303A01884	092702	092704
Spectrum Analyzer	02467	Agilent	E7405A	US40240225	033103	033105
30-1000MHz						
biconilog Antenna	01995	Chase	CBL6111C	2451	040804	040806
Pre-amp	00309	HP	8447D	1937A02548	082303	082304
Antenna cable	NA	NA	RG214	Cable#15	123003	123004
Pre-amp to SA cable	NA	Harbour	RG223/U	Cable#10	070802	070804
1000-1800 MHz						
Horn Antenna	0849	EMCO	3115	6246	091002	091004
Microwave Pre-amp	00786	HP	83017A	3123A00281	091102	091104
¼" Heliax Coaxial Cable	NA	Andrew	FSJ-50A-4	Cable#7 (6 ft)	073103	073104
Heliax Antenna cable	NA	Andrew	LDF1-50	Cable#20	101303	101304
24" SMA Cable	2604	Argosy	UFA147A	0-0360-200200	012304	012305
2.4 GHz HPF	01440	K&L	91H31-3000	001	022003	022005
1.5 GHz HPF	02116	HP	84300-80037	3643A00027	060603	060605
9kHz-30 MHz						
Loop Antenna	00314	EMCO	6502	2014	062804	062806
1800-20000MHz						
18-26.5 GHz Horn Antenna	02112	HP	84125-8008	3643A00027	070103	070105

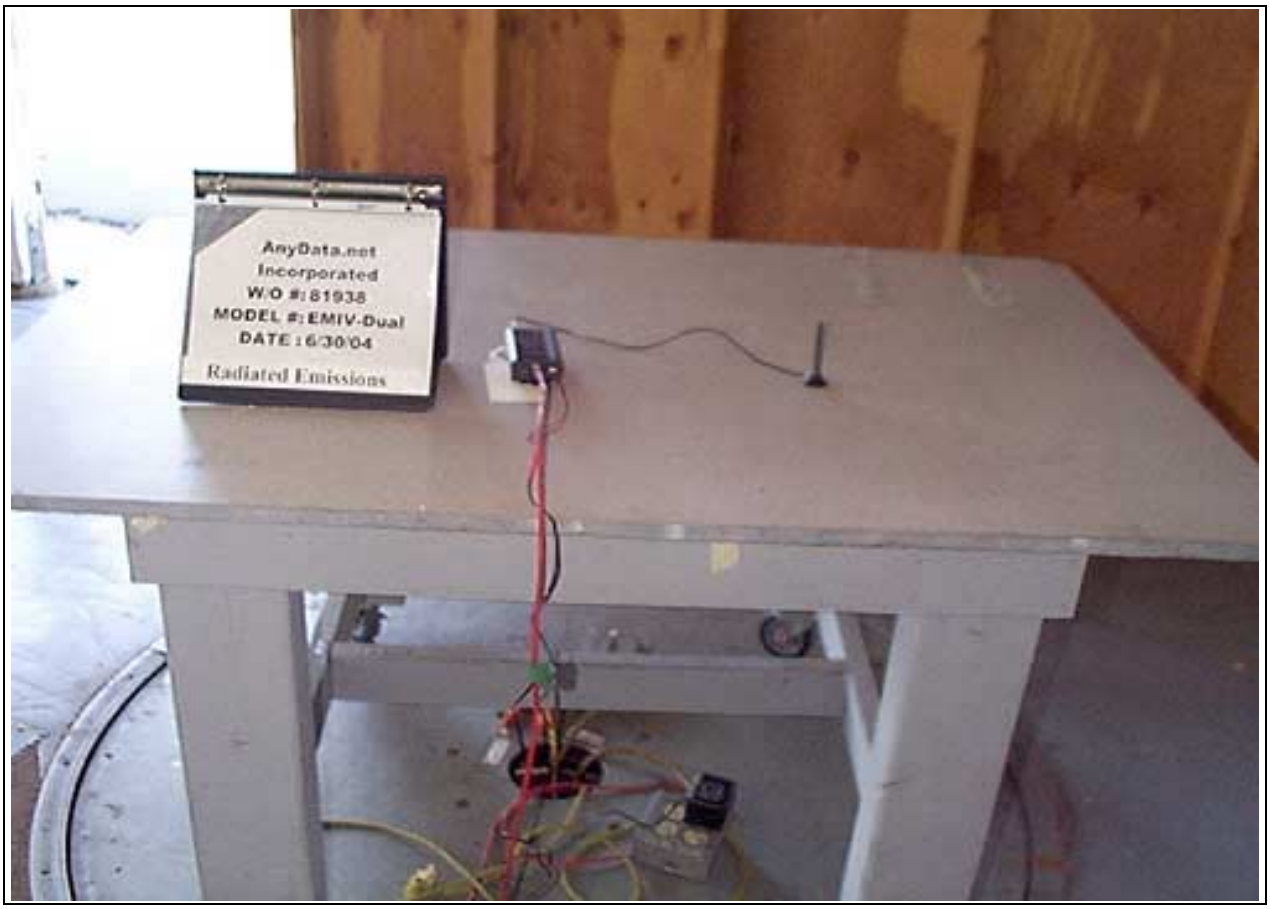
PHOTOGRAPH SHOWING RADIATED EMISSIONS

Radiated Emissions - Front View

PHOTOGRAPH SHOWING RADIATED EMISSIONS

Radiated Emissions - Front View - Horn Antenna

PHOTOGRAPH SHOWING RADIATED EMISSIONS



Radiated Emissions - Back View

PHOTOGRAPH SHOWING RADIATED EMISSIONS

Radiated Emissions - Loop Antenna

FCC 2.1033(c)(14)/2.1053/24.238(a) - FIELD STRENGTH OF SPURIOUS RADIATION

Test Conditions: The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The Support laptop runs test program to set the Transmitting and receiving channel, power level of the EUT . The EUT is in transmit and receive mode during the test All other ports are let unterminated. Tx Freq = 1851.25 MHz, 1880.00 MHz and 1908.75 MHz. Frequency range of measurement = 9 kHz- 20 GHz. 9 kHz - 150 kHz; RBW=200 Hz, VBW=200 Hz; 150 kHz - 30 MHz; RBW=9 kHz, VBW=9 kHz; 30 MHz - 1000 MHz; RBW=120 kHz, VBW=120 kHz ,1000 MHz - 20000 MHz; RBW=1 MHz, VBW=1 MHz. 110VAC, 60 Hz, 23°C, 47 % relative humidity.

Operating Frequency: 1851.25 MHz
Channels: Low
Highest Measured Output Power: 26.53 ERP(dBm)= 0.4498 ERP(Watts)
Distance: 3 meters
Limit: 43+10Log(P) 39.53 dBc

Freq. (MHz)	Reference Level (dBm)	Antenna Polarity (H/V)	dBc
5,553.00	-20.7	Vert	47.23
7,404.90	-20.8	Vert	47.33
7,405.08	-26.9	Horiz	53.43
5,552.95	-32.2	Horiz	58.73
9,255.00	-33	Vert	59.53
14,809.00	-33.3	Vert	59.83
3,702.00	-34.4	Vert	60.93
3,702.13	-38.5	Horiz	65.03

Operating Frequency: 1880 MHz
Channels: Mid
Highest Measured Output Power: 28.32 EIRP(dBm)= 0.6792 EIRP(Watts)
Distance: 3 meters
Limit: 43+10Log(P) 41.32 dBc

Freq. (MHz)	Reference Level (dBm)	Antenna Polarity (H/V)	dBc
5,640.76	-20.6	Vert	48.92
7,520.00	-23.3	Vert	51.62
7,519.05	-24.5	Horiz	52.82
5,640.00	-32.9	Horiz	61.22
3,760.00	-34.3	Vert	62.62
3,759.00	-40.3	Horiz	68.62
3,485.00	-49.3	Vert	77.62

Operating Frequency: 1908.75 MHz
Channels: High
Highest Measured Output Power: 25.31 ERP(dBm)= 0.3396 ERP(Watts)
Distance: 3 meters
Limit: 43+10Log(P) 38.31 dBc

Freq. (MHz)	Reference Level (dBm)	Antenna Polarity (H/V)	dBc
5,726.60	-19.5	Vert	44.81
3,818.15	-21	Vert	46.31
7,634.98	-21.1	Vert	46.41
7,636.00	-24	Horiz	49.31
15,270.18	-24.1	Vert	49.41
17,179.00	-24.5	Vert	49.81
5,726.90	-25.7	Horiz	51.01
3,818.00	-28.6	Horiz	53.91
15,271.00	-29	Horiz	54.31
3,818.03	-29.3	Vert	54.61
9,543.00	-31.5	Vert	56.81

Test Equipment

Equipment	Asset #	Manufacturer	Model #	Serial #	Cal Date	Cal Due
Spectrum Analyzer RF Section	02462	HP	8568B	2928A04874	031103	031105
Spectrum Analyzer Display Section	02472	HP	85662A	3001A18430	031103	031105
QP Adapter	01437	HP	85650A	3303A01884	092702	092704
Spectrum Analyzer	02467	Agilent	E7405A	US40240225	033103	033105
30-1000MHz						
biconilog Antenna	01995	Chase	CBL6111C	2451	040804	040806
Pre-amp	00309	HP	8447D	1937A02548	082303	082304
Antenna cable	NA	NA	RG214	Cable#15	123003	123004
Pre-amp to SA cable	NA	Harbour	RG223/U	Cable#10	070802	070804
1000-1800 MHz						
Horn Antenna	0849	EMCO	3115	6246	091002	091004
Microwave Pre-amp	00786	HP	83017A	3123A00281	091102	091104
¼" Heliax Coaxial Cable	NA	Andrew	FSJ-50A-4	Cable#7 (6 ft)	073103	073104
Heliax Antenna cable	NA	Andrew	LDF1-50	Cable#20	101303	101304
24" SMA Cable	2604	Argosy	UFA147A	0-0360-200200	012304	012305
2.4 GHz HPF	01440	K&L	91H31-3000	001	022003	022005
1.5 GHz HPF	02116	HP	84300-80037	3643A00027	060603	060605
9kHz-30 MHz						
Loop Antenna	00314	EMCO	6502	2014	062804	062806
1800-20000MHz						
18-26.5 GHz Horn Antenna	02112	HP	84125-8008	3643A00027	070103	070105

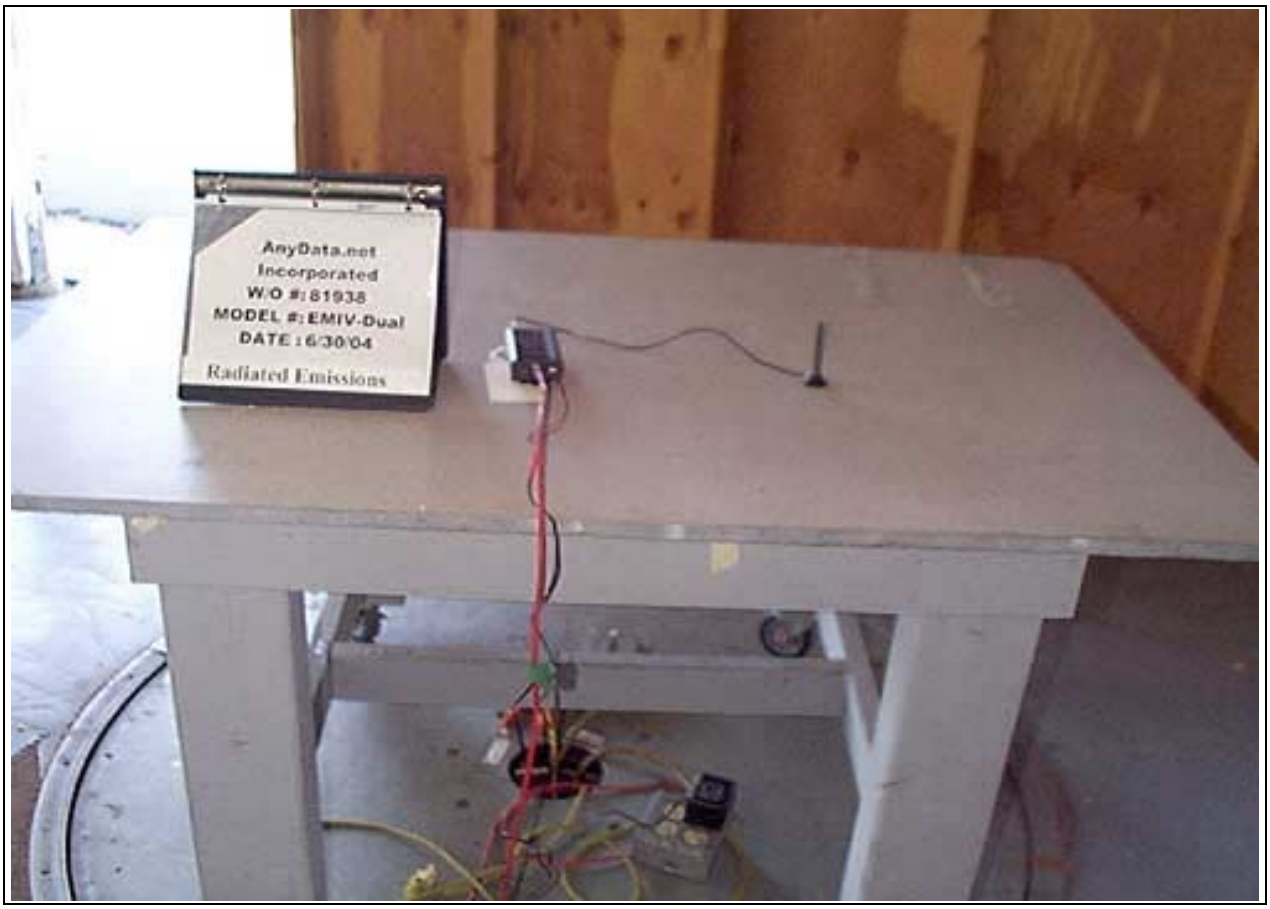
PHOTOGRAPH SHOWING RADIATED EMISSIONS

Radiated Emissions - Front View

PHOTOGRAPH SHOWING RADIATED EMISSIONS

Radiated Emissions - Front View - Horn Antenna

PHOTOGRAPH SHOWING RADIATED EMISSIONS



Radiated Emissions - Back View

PHOTOGRAPH SHOWING RADIATED EMISSIONS

Radiated Emissions - Loop Antenna

FCC 2.1033(c)(14)/2.1055/22.355(a)(d)- FREQUENCY STABILITY

Test Conditions: The EUT is placed in the temperature chamber. RF signal is monitored from the antenna port. A spectrum analyzer is employed to measure the frequency stability of the EUT.

Customer: AnyData.net
WO#: 81938
Test Engineer: E. Wong

Device Model #: EMIV Dual
Operating Voltage: 110 **Vac**
Frequency Limit: 2.50E+00 **ppm**

Temperature Variations

Channel Frequency:		Channel 1 (MHz) 824.043100	Dev. (MHz)	Channel 2 (MHz) 836.5226	Dev. (MHz)	Channel 3 (MHz) 848.97281	Dev. (MHz)
Temp (C)	Voltage						
-30	110	824.042280	0.000820	836.522180	0.000420	848.972230	0.000580
-20	110	824.042280	0.000820	836.522230	0.000370	848.971960	0.000850
-10	110	824.042230	0.000870	836.522230	0.000370	848.972280	0.000530
0	110	824.042180	0.000920	836.522230	0.000370	848.972120	0.000690
10	110	824.042280	0.000820	836.522490	0.000110	848.972170	0.000640
20	110	824.043100	0.000000	836.522600	0.000000	848.972810	0.000000
30	110	824.042600	0.000500	836.522120	0.000480	848.972120	0.000690
40	110	824.042700	0.000400	836.522650	0.000050	848.973350	0.000540
50	110	824.042100	0.001000	836.523750	0.001150	848.974150	0.001340

Voltage Variations (±15%)

Temp (C)	Voltage	Channel 1 (MHz)	Dev. (MHz)	Channel 2 (MHz)	Dev. (MHz)	Channel 3 (MHz)	Dev. (MHz)
20	93.5	824.042330	0.000770	836.522440	0.000160	848.972870	0.000060
20	110.0	824.043100	0.000000	836.522600	0.000000	848.972810	0.000000
20	126.5	824.042550	0.000550	836.522650	0.000050	848.973020	0.000210

Max Deviation (MHz)	**0.00100**		**0.00115**	**0.00134**
Max Deviation (%)	**0.00012**		**0.00014**	**0.00016**
	PASS		**PASS**	**PASS**

FCC 2.1033(c)(14)/2.1055/24.235(a)(d)- FREQUENCY STABILITY

Test Conditions: The EUT is placed in the temperature chamber. RF signal is monitored from the antenna port. A spectrum analyzer is employed to measure the frequency stability of the EUT Note Limit not defined : FCC 24.235 Frequency stability. - The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

Customer: AnyDATA.net Inc.
WO#: 81938
Test Engineer: E. wong

Device Model #: EMIV Dual
Operating Voltage: 110 **Vac**
Frequency Limit: 2.50 **ppm**

Temperature Variations

		Channel 1 (MHz)	Dev. (MHz)	Channel 2 (MHz)	Dev. (MHz)	Channel 3 (MHz)	Dev. (MHz)
Channel Frequency:		1851.252810000		1880.002810000		1908.752650000	
Temp (C)	Voltage						
-30	110	1851.252230000	0.000580	1880.001540000	0.001270	1908.752920000	0.000270
-20	110	1851.252070000	0.000740	1880.002120000	0.000690	1908.752230000	0.000420
-10	110	1851.252330000	0.000480	1880.002440000	0.000370	1908.751640000	0.001010
0	110	1851.252180000	0.000630	1880.002230000	0.000580	1908.752180000	0.000470
10	110	1851.252390000	0.000420	1880.002280000	0.000530	1908.752440000	0.000210
20	110	1851.252810000	0.000000	1880.002810000	0.000000	1908.752650000	0.000000
30	110	1851.253180000	0.000370	1880.003180000	0.000370	1908.759210000	0.006560
40	110	1851.253400000	0.000590	1880.002750000	0.000060	1908.752210000	0.000440
50	110	1851.253650000	0.000840	1880.003450000	0.000640	1908.752200000	0.000450

Voltage Variations (±15%)

Temp (C)	Voltage	Channel 1 (MHz)	Dev. (MHz)	Channel 2 (MHz)	Dev. (MHz)	Channel 3 (MHz)	Dev. (MHz)
20	93.5	1851.252970000	0.000160	1880.006570000	0.003760	1908.754990000	0.002340
20	110.0	1851.252810000	0.000000	1880.002810000	0.000000	1908.752650000	0.000000
20	126.5	1851.256500000	0.003690	1880.000318000	0.002492	1908.752810000	0.000160

Max Deviation (MHz)			**0.00369**		**0.00376**		**0.00656**
Max Deviation (%)			**0.00020**		**0.00020**		**0.00034**
			PASS		**PASS**		**PASS**

Test Equipment

Spectrum Analyzer	02467	Agilent	E7405A	US40240225	033103	033105
Temp Chamber	01878	Thermotron	S1.2 Mini Max	NA	NA	NA
Temp Data Acquisition unit	NA	Agilent	34970A	US37031892	040203	040205
Programmable Power Source	01695/ 01696	Pacific Power	345AMX / UPC32	250 / 245	052203	052205

PHOTOGRAPH SHOWING TEMPERATURE TESTING

FCC 15.107 – AC CONDUCTED EMISSIONS

Test Location:	CKC Laboratories, Inc. • 110 N. Olinda Place • Brea, CA 92823 • (714) 993-6112		
Customer:	**ANYDATA CORPORATION**		
Specification:	**FCC 15.107 CLASS B COND [AVE]**		
Work Order #:	**81938**	Date:	07/02/2004
Test Type:	**CONDUCTED EMISSIONS**	Time:	11:26:32 AM
Equipment:	**CDMA DATA MODEM (DUAL BAND)**	Sequence#:	40
Manufacturer:	AnyDATA Corporation	Tested By:	Eddie Wong
Model:	EMIV-Dual		110V 60Hz
S/N:	ESN6C1A8BF2		

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem [Dual Band]*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are left unterminated. Tx Freq = 824.04 MHz. Frequency range of measurement = 150 kHz - 30 MHz. 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

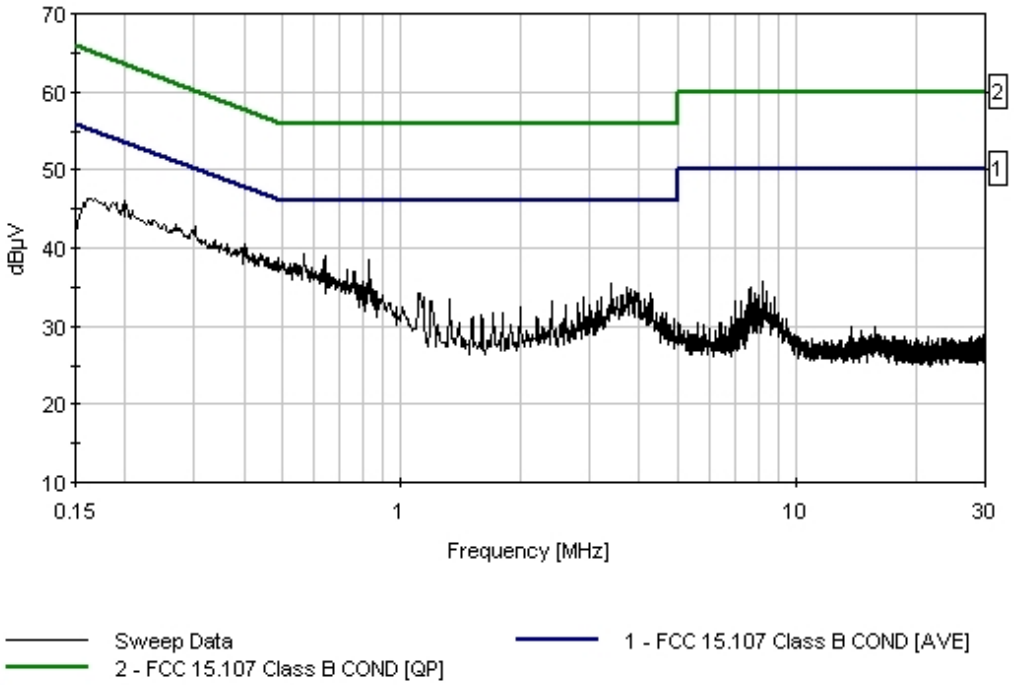
T1=Cable #21 Conducted Site H

Measurement Data: Reading listed by margin. Test Lead: Black

#	Freq MHz	Rdng dBuV	T1 dB	dB	dB	dB	Dist Table	Corr dBuV	Spec dBuV	Margin dB	Polar Ant
1	566.325K	39.1	+0.1				+0.0	39.2	46.0	-6.8	Black
2	640.864K	38.9	+0.1				+0.0	39.0	46.0	-7.0	Black
3	829.937K	38.3	+0.1				+0.0	38.4	46.0	-7.6	Black
4	168.180K	46.4	+0.0				+0.0	46.4	55.0	-8.6	Black
5	3.404M	35.3	+0.2				+0.0	35.5	46.0	-10.5	Black
6	3.714M	34.8	+0.2				+0.0	35.0	46.0	-11.0	Black
7	3.815M	34.6	+0.2				+0.0	34.8	46.0	-11.2	Black

8	1.118M	34.2	+0.1		+0.0	34.3	46.0	-11.7	BLACK
9	3.203M	33.5	+0.2		+0.0	33.7	46.0	-12.3	BLACK
10	2.902M	33.4	+0.2		+0.0	33.6	46.0	-12.4	BLACK
11	1.328M	33.3	+0.1		+0.0	33.4	46.0	-12.6	BLACK
12	1.198M	33.2	+0.1		+0.0	33.3	46.0	-12.7	BLACK
13	2.401M	33.0	+0.2		+0.0	33.2	46.0	-12.8	BLACK
14	3.143M	33.0	+0.2		+0.0	33.2	46.0	-12.8	BLACK
15	2.802M	32.7	+0.2		+0.0	32.9	46.0	-13.1	BLACK

CKC Laboratories, Inc. Date: 07/02/2004 Time: 11:26:32 AM AnyDATA.net Incorporated WO#: 81938
FCC 15.107 Class B COND [AVE] Test Lead: Black 110V 60Hz Sequence#: 40



Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112		
Customer:	**ANYDATA CORPORATION**		
Specification:	**FCC 15.107 CLASS B COND [AVE]**		
Work Order #:	**81938**	Date:	07/02/2004
Test Type:	**CONDUCTED EMISSIONS**	Time:	11:37:12 AM
Equipment:	**CDMA DATA MODEM (DUAL BAND)**	Sequence#:	41
Manufacturer:	AnyDATA Corporation	Tested By:	Eddie Wong
Model:	EMIV-Dual		110V 60Hz
S/N:	ESN6C1A8BF2		

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are left unterminated. Tx Freq = 824.04 MHz. Frequency range of measurement = 150 kHz - 30 MHz. 150 kHz - 30 MHz: RBW=9 kHz. VBW=9 kHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

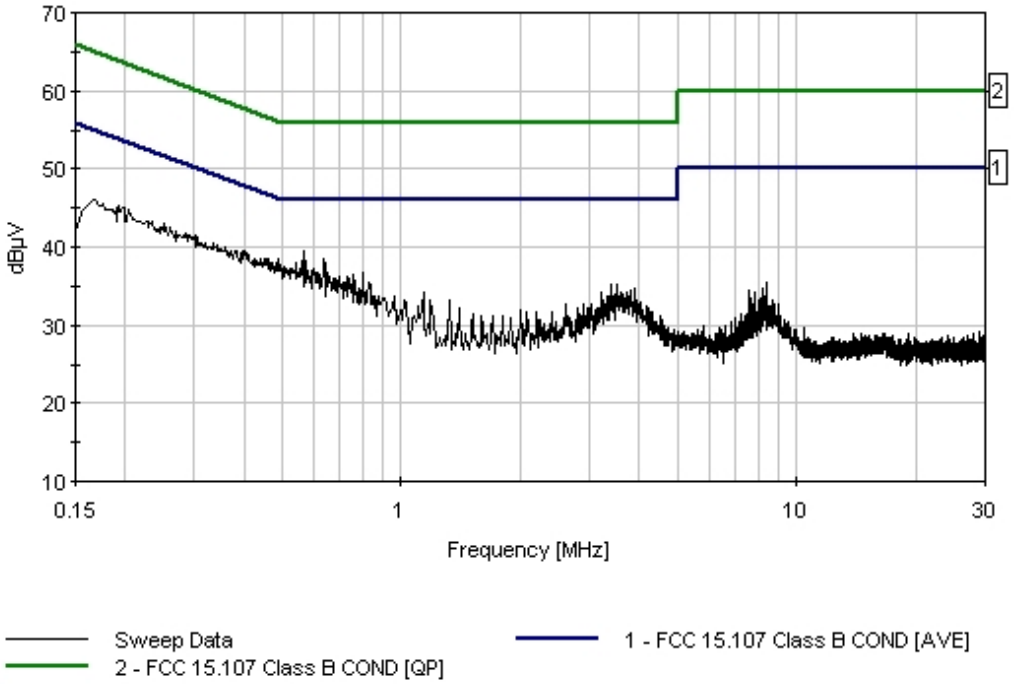
T1=Cable #21 Conducted Site A

Measurement Data: Reading listed by margin. Test Lead: White

#	Freq MHz	Rdng dBµV	T1 dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	569.961K	39.3	+0.1				+0.0	39.4	46.0	-6.6	White
2	166.362K	46.0	+0.0				+0.0	46.0	55.1	-9.1	White
3	3.504M	35.0	+0.2				+0.0	35.2	46.0	-10.8	White
4	3.404M	34.9	+0.2				+0.0	35.1	46.0	-10.9	White
5	1.138M	34.2	+0.1				+0.0	34.3	46.0	-11.7	White
6	3.203M	34.1	+0.2				+0.0	34.3	46.0	-11.7	White
7	957.404K	33.5	+0.1				+0.0	33.6	46.0	-12.4	White
8	1.188M	33.2	+0.1				+0.0	33.3	46.0	-12.7	White
9	1.318M	33.1	+0.1				+0.0	33.2	46.0	-12.8	White

10	1.399M	32.1	+0.1	+0.0	32.2	46.0	-13.8	White
11	2.010M	31.8	+0.1	+0.0	31.9	46.0	-14.1	White
12	2.080M	31.7	+0.1	+0.0	31.8	46.0	-14.2	White
13	2.201M	31.5	+0.1	+0.0	31.6	46.0	-14.4	White
14	1.519M	31.4	+0.1	+0.0	31.5	46.0	-14.5	White
15	8.416M	35.1	+0.3	+0.0	35.4	50.0	-14.6	White

CKC Laboratories, Inc. Date: 07/02/2004 Time: 11:37:12 AM AnyDATA.net Incorporated WO#: 81938
FCC 15.107 Class B COND [AVE] Test Lead: White 110V 60Hz Sequence#: 41



Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112		
Customer:	**ANYDATA CORPORATION**		
Specification:	**FCC 15.107 CLASS B COND [AVE]**		
Work Order #:	**81938**	Date:	07/02/2004
Test Type:	**CONDUCTED EMISSIONS**	Time:	11:52:05 AM
Equipment:	**CDMA DATA MODEM (DUAL BAND)**	Sequence#:	43
Manufacturer:	AnyDATA Corporation	Tested By:	Eddie Wong
Model:	EMIV-Dual		110V 60Hz
S/N:	ESN6C1A8BF2		

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are left unterminated. Tx Freq = 836.52 MHz. Frequency range of measurement = 150 kHz - 30 MHz. 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

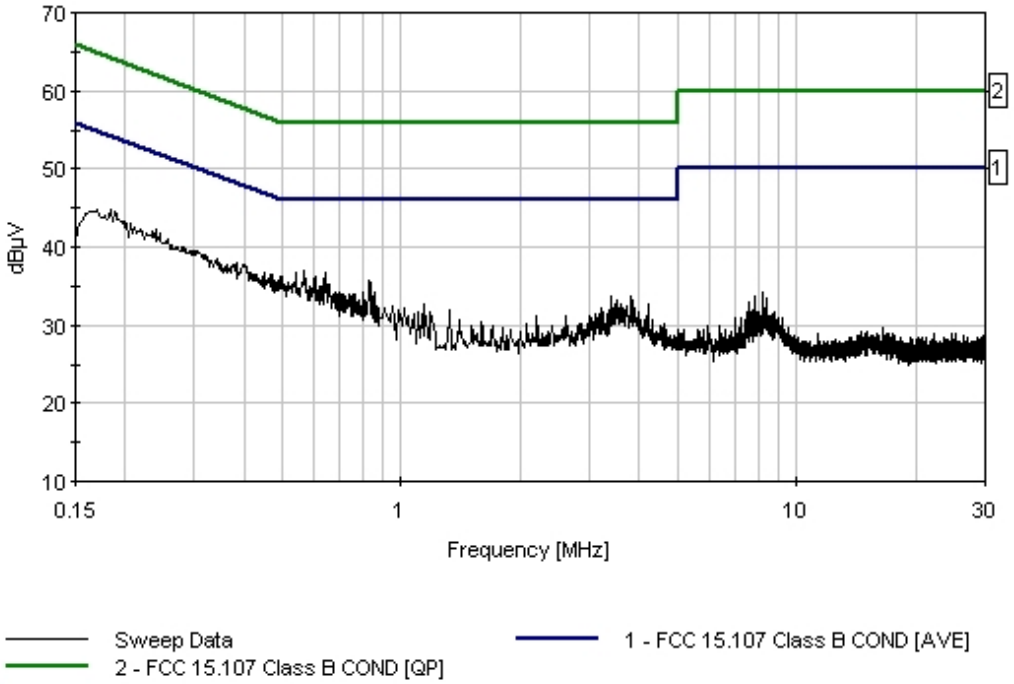
T1=Cable #21 Conducted Site A

Measurement Data: Reading listed by margin. Test Lead: Black

#	Freq MHz	Rdng dBuV	T1 dB	dB	dB	dB	Dist Table	Corr dBuV	Spec dBuV	Margin dB	Polar Ant
1	184.542K	44.8	+0.0				+0.0	44.8	54.3	-9.5	Black
2	831.755K	35.5	+0.1				+0.0	35.6	46.0	-10.4	Black
3	3.404M	33.5	+0.2				+0.0	33.7	46.0	-12.3	Black
4	1.138M	32.6	+0.1				+0.0	32.7	46.0	-13.3	Black
5	947.379K	32.3	+0.1				+0.0	32.4	46.0	-13.6	Black
6	1.328M	31.9	+0.1				+0.0	32.0	46.0	-14.0	Black
7	2.201M	31.0	+0.1				+0.0	31.1	46.0	-14.9	Black
8	2.602M	30.9	+0.2				+0.0	31.1	46.0	-14.9	Black
9	1.399M	30.5	+0.1				+0.0	30.6	46.0	-15.4	Black

10	8.216M	33.9	+0.3	+0.0	34.2	50.0	-15.8	BLACK
11	7.013M	30.8	+0.2	+0.0	31.0	50.0	-19.0	BLACK
12	9.018M	30.7	+0.3	+0.0	31.0	50.0	-19.0	BLACK
13	7.213M	30.6	+0.3	+0.0	30.9	50.0	-19.1	BLACK
14	16.586M	29.4	+0.3	+0.0	29.7	50.0	-20.3	BLACK
15	22.220M	28.6	+0.4	+0.0	29.0	50.0	-21.0	BLACK

CKC Laboratories, Inc. Date: 07/02/2004 Time: 11:52:05 AM AnyDATA.net Incorporated WO#: 81938
FCC 15.107 Class B COND [AVE] Test Lead: Black 110V 60Hz Sequence#: 43



Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112
Customer:	**ANYDATA CORPORATION**
Specification:	**FCC 15.107 CLASS B COND [AVE]**
Work Order #:	**81938**
Test Type:	**CONDUCTED EMISSIONS**
Equipment:	**CDMA DATA MODEM (DUAL BAND)**
Manufacturer:	AnyDATA Corporation
Model:	EMIV-Dual
S/N:	ESN6C1A8BF2
Date:	07/02/2004
Time:	11:46:53 AM
Sequence#:	42
Tested By:	Eddie Wong
	110V 60Hz

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are let unterminated. Tx Freq = 836.52 MHz. Frequency range of measurement = 150 kHz - 30 MHz. 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

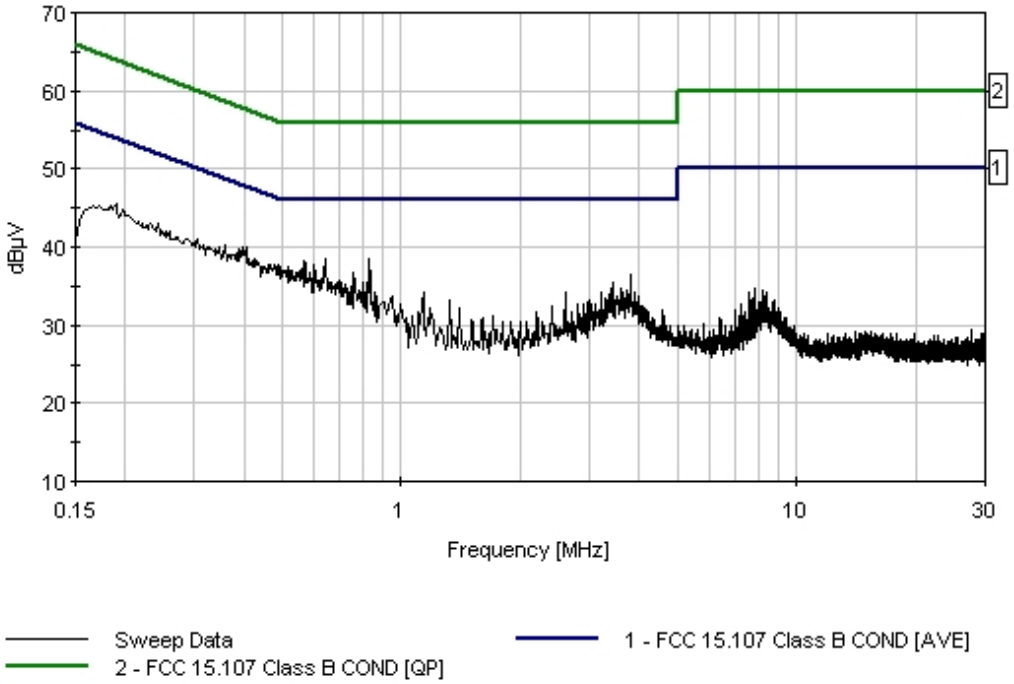
T1=Cable #21 Conducted Site A

Measurement Data: Reading listed by margin. Test Lead: White

#	Freq MHz	Rdng dBuV	T1 dB	dB	dB	dB	Dist Table	Corr dBuV	Spec dBuV	Margin dB	Polar Ant
1	642.682K	38.5	+0.1				+0.0	38.6	46.0	-7.4	White
2	829.937K	38.3	+0.1				+0.0	38.4	46.0	-7.6	White
3	602.685K	37.6	+0.1				+0.0	37.7	46.0	-8.3	White
4	189.996K	45.5	+0.0				+0.0	45.5	54.0	-8.5	White
5	599.049K	37.4	+0.1				+0.0	37.5	46.0	-8.5	White
6	3.805M	36.3	+0.2				+0.0	36.5	46.0	-9.5	White
7	1.138M	34.1	+0.1				+0.0	34.2	46.0	-11.8	White
8	2.602M	34.0	+0.2				+0.0	34.2	46.0	-11.8	White
9	947.379K	33.7	+0.1				+0.0	33.8	46.0	-12.2	White

10	4.005M	33.4	+0.2	+0.0	33.6	46.0	-12.4	White
11	1.328M	33.2	+0.1	+0.0	33.3	46.0	-12.7	White
12	3.003M	33.0	+0.2	+0.0	33.2	46.0	-12.8	White
13	2.942M	32.7	+0.2	+0.0	32.9	46.0	-13.1	White
14	2.902M	32.6	+0.2	+0.0	32.8	46.0	-13.2	White
15	2.802M	32.4	+0.2	+0.0	32.6	46.0	-13.4	White

CKC Laboratories, Inc. Date: 07/02/2004 Time: 11:46:53 AM AnyDATA.net Incorporated WO#: 81938
FCC 15.107 Class B COND [AVE] Test Lead: White 110V 60Hz Sequence#: 42



Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112		
Customer:	**ANYDATA CORPORATION**		
Specification:	**FCC 15.107 CLASS B COND [AVE]**		
Work Order #:	**81938**	Date:	07/02/2004
Test Type:	**CONDUCTED EMISSIONS**	Time:	11:59:42 AM
Equipment:	**CDMA DATA MODEM (DUAL BAND)**	Sequence#:	44
Manufacturer:	AnyDATA Corporation	Tested By:	Eddie Wong
Model:	EMIV-Dual		110V 60Hz
S/N:	ESN6C1A8BF2		

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are left unterminated. Tx Freq = 848.97 MHz. Frequency range of measurement = 150 kHz - 30 MHz. 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

T1=Cable #21 Conducted Site A

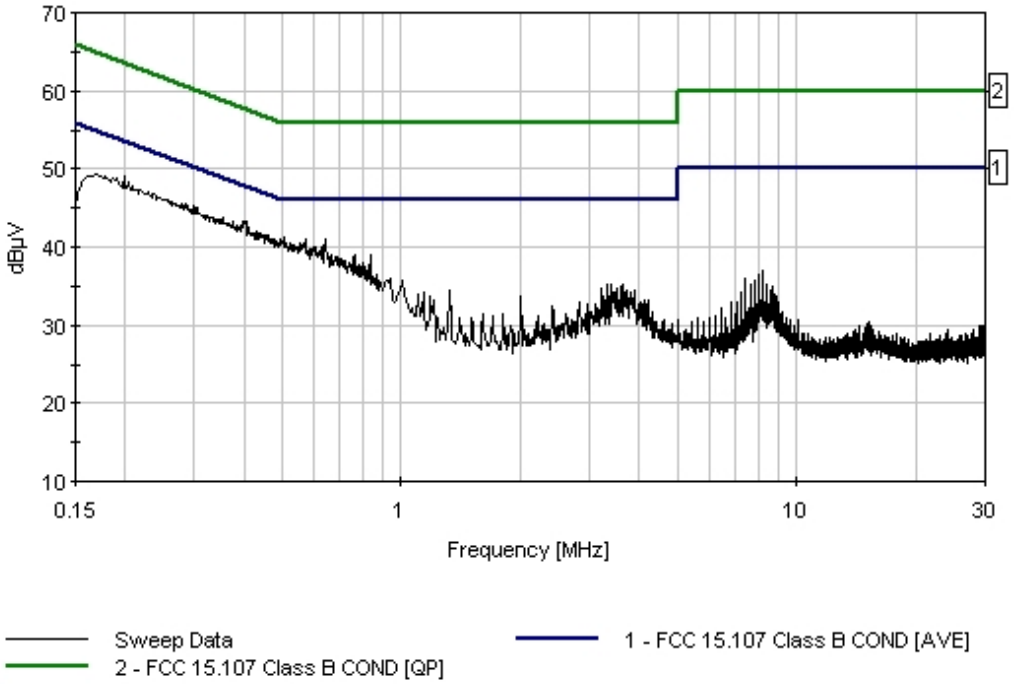
Measurement Data:

Reading listed by margin. Test Lead: Black

#	Freq MHz	Rdng dBµV	T1 dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	169.998K	49.4	+0.0				+0.0	49.4	55.0	-5.6	Black
2	937.354K	35.8	+0.1				+0.0	35.9	46.0	-10.1	Black
3	3.303M	35.0	+0.2				+0.0	35.2	46.0	-10.8	Black
4	1.328M	34.4	+0.1				+0.0	34.5	46.0	-11.5	Black
5	2.010M	33.6	+0.1				+0.0	33.7	46.0	-12.3	Black
6	4.226M	32.9	+0.2				+0.0	33.1	46.0	-12.9	Black
7	2.812M	32.7	+0.2				+0.0	32.9	46.0	-13.1	Black
8	8.246M	36.6	+0.3				+0.0	36.9	50.0	-13.1	Black
9	2.962M	32.6	+0.2				+0.0	32.8	46.0	-13.2	Black

10	2.411M	32.2	+0.2	+0.0	32.4	46.0	-13.6	BLACK
11	8.045M	36.1	+0.3	+0.0	36.4	50.0	-13.6	BLACK
12	7.434M	35.7	+0.3	+0.0	36.0	50.0	-14.0	BLACK
13	7.845M	35.4	+0.3	+0.0	35.7	50.0	-14.3	BLACK
14	1.609M	31.3	+0.1	+0.0	31.4	46.0	-14.6	BLACK
15	1.810M	31.3	+0.1	+0.0	31.4	46.0	-14.6	BLACK

CKC Laboratories, Inc. Date: 07/02/2004 Time: 11:59:42 AM AnyDATA.net Incorporated WO#: 81938
FCC 15.107 Class B COND [AVE] Test Lead: Black 110V 60Hz Sequence#: 44



Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112
Customer:	**ANYDATA CORPORATION**
Specification:	**FCC 15.107 CLASS B COND [AVE]**
Work Order #:	**81938**
Test Type:	**CONDUCTED EMISSIONS**
Equipment:	**CDMA DATA MODEM (DUAL BAND)**
Manufacturer:	AnyDATA Corporation
Model:	EMIV-Dual
S/N:	ESN6C1A8BF2
Date:	07/02/2004
Time:	12:04:58 PM
Sequence#:	45
Tested By:	Eddie Wong
	110V 60Hz

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are left unterminated. Tx Freq = 848.97 MHz. Frequency range of measurement = 150 kHz - 30 MHz. 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

T1=Cable #21 Conducted Site A

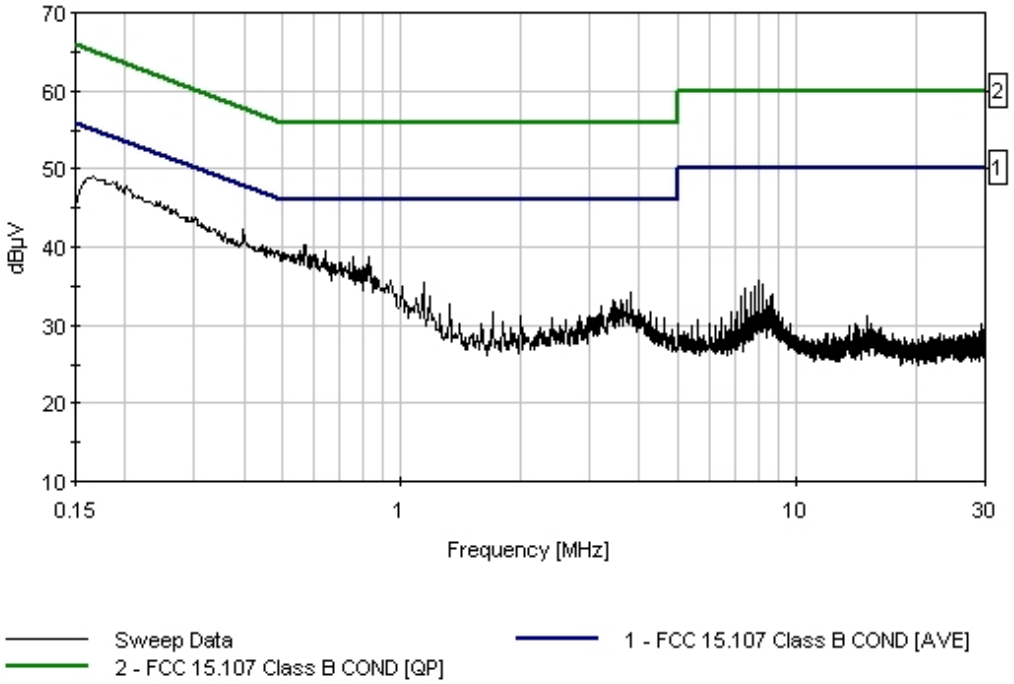
Measurement Data:

Reading listed by margin. Test Lead: White

#	Freq MHz	Rdng dBµV	T1 dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	166.362K	49.1	+0.0				+0.0	49.1	55.1	-6.0	White
2	829.937K	38.6	+0.1				+0.0	38.7	46.0	-7.3	White
3	937.354K	35.6	+0.1				+0.0	35.7	46.0	-10.3	White
4	1.138M	35.3	+0.1				+0.0	35.4	46.0	-10.6	White
5	3.825M	34.0	+0.2				+0.0	34.2	46.0	-11.8	White
6	1.328M	32.6	+0.1				+0.0	32.7	46.0	-13.3	White
7	3.213M	32.2	+0.2				+0.0	32.4	46.0	-13.6	White
8	8.035M	35.4	+0.3				+0.0	35.7	50.0	-14.3	White
9	8.236M	35.0	+0.3				+0.0	35.3	50.0	-14.7	White

10	7.835M	34.7	+0.3	+0.0	35.0	50.0	-15.0	White
11	7.444M	34.4	+0.3	+0.0	34.7	50.0	-15.3	White
12	7.634M	33.8	+0.3	+0.0	34.1	50.0	-15.9	White
13	8.647M	33.7	+0.3	+0.0	34.0	50.0	-16.0	White
14	7.233M	33.4	+0.3	+0.0	33.7	50.0	-16.3	White
15	7.985M	33.3	+0.3	+0.0	33.6	50.0	-16.4	White

CKC Laboratories, Inc. Date: 07/02/2004 Time: 12:04:58 PM AnyDATA.net Incorporated WO#: 81938
FCC 15.107 Class B COND [AVE] Test Lead: White 110V 60Hz Sequence#: 45



Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112
Customer:	**ANYDATA CORPORATION**
Specification:	**FCC 15.107 CLASS B COND [AVE]**
Work Order #:	**81938**
Test Type:	**CONDUCTED EMISSIONS**
Equipment:	**CDMA DATA MODEM (DUAL BAND)**
Manufacturer:	AnyDATA Corporation
Model:	EMIV-Dual
S/N:	ESN6C1A8BF2
Date:	07/02/2004
Time:	1:51:49 PM
Sequence#:	47
Tested By:	Eddie Wong
	110V 60Hz

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are left unterminated. Tx Freq = 1851.25 MHz. Frequency range of measurement = 150 KHz - 30 MHz. 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

T1=Cable #21 Conducted Site A

Measurement Data:

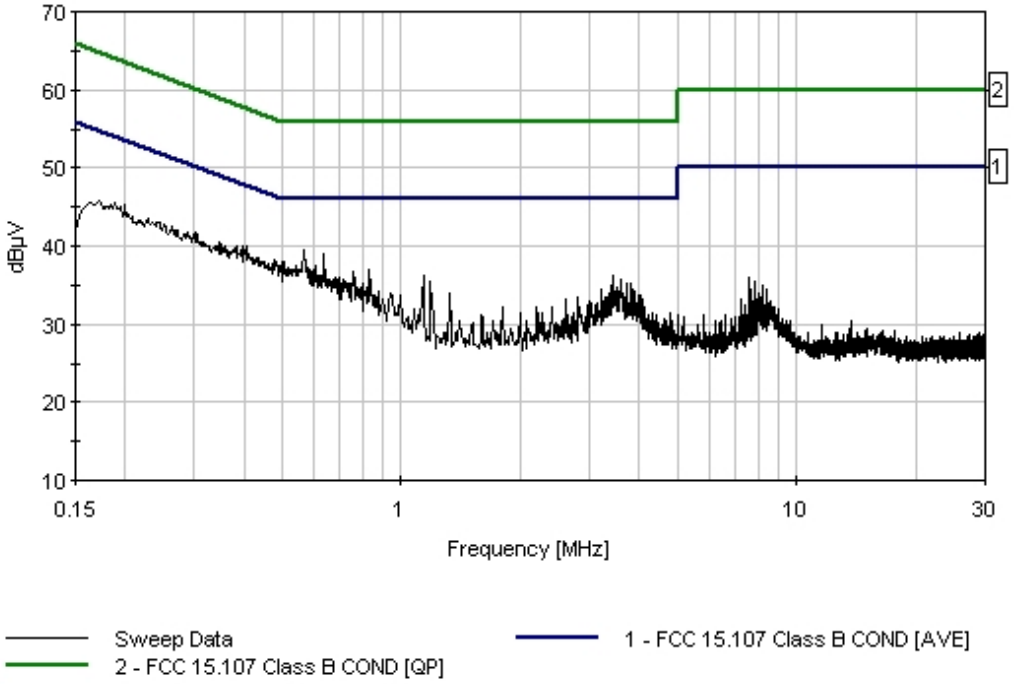
Reading listed by margin.

Test Lead: Black

#	Freq MHz	Rdng dBµV	T1 dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	637.228K	38.9	+0.1				+0.0	39.0	46.0	-7.0	Black
2	828.119K	36.9	+0.1				+0.0	37.0	46.0	-9.0	Black
3	171.816K	45.8	+0.0				+0.0	45.8	54.9	-9.1	Black
4	1.138M	36.1	+0.1				+0.0	36.2	46.0	-9.8	Black
5	3.444M	35.9	+0.2				+0.0	36.1	46.0	-9.9	Black
6	1.188M	35.3	+0.1				+0.0	35.4	46.0	-10.6	Black
7	3.714M	35.0	+0.2				+0.0	35.2	46.0	-10.8	Black
8	3.815M	35.0	+0.2				+0.0	35.2	46.0	-10.8	Black
9	3.203M	34.3	+0.2				+0.0	34.5	46.0	-11.5	Black

10	3.845M	34.2	+0.2	+0.0	34.4	46.0	-11.6	BLACK
11	1.328M	33.8	+0.1	+0.0	33.9	46.0	-12.1	BLACK
12	2.802M	33.2	+0.2	+0.0	33.4	46.0	-12.6	BLACK
13	1.800M	32.0	+0.1	+0.0	32.1	46.0	-13.9	BLACK
14	7.614M	35.7	+0.3	+0.0	36.0	50.0	-14.0	BLACK
15	4.807M	31.3	+0.2	+0.0	31.5	46.0	-14.5	BLACK

CKC Laboratories, Inc. Date: 07/02/2004 Time: 1:51:49 PM AnyDATA.net Incorporated WO#: 81938
FCC 15.107 Class B COND [AVE] Test Lead: Black 110V 60Hz Sequence#: 47



Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112
Customer:	**ANYDATA CORPORATION**
Specification:	**FCC 15.107 CLASS B COND [AVE]**
Work Order #:	**81938**
Test Type:	**CONDUCTED EMISSIONS**
Equipment:	**CDMA DATA MODEM (DUAL BAND)**
Manufacturer:	AnyDATA Corporation
Model:	EMIV-Dual
S/N:	ESN6C1A8BF2

Date: 07/02/2004
Time: 1:46:57 PM
Sequence#: 46
Tested By: Eddie Wong
110V 60Hz

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are left unterminated. Tx Freq = 1851.25 MHz. Frequency range of measurement = 150 kHz - 30 MHz. 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

T1=Cable #21 Conducted Site A

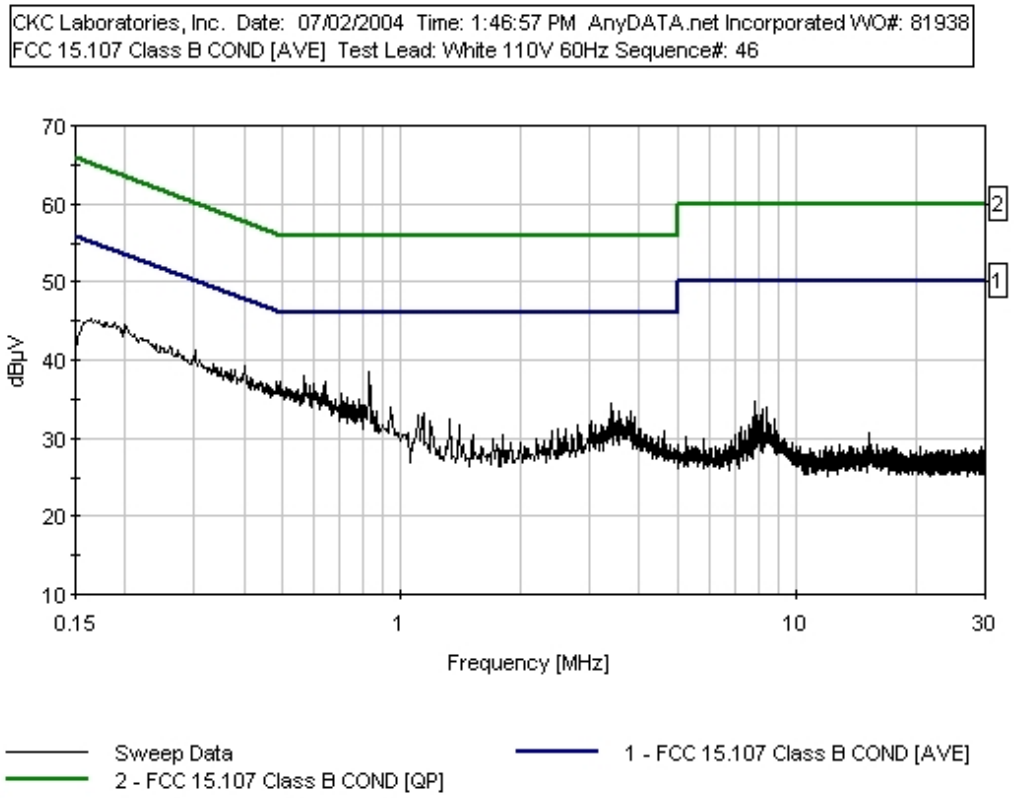
Measurement Data:

Reading listed by margin.

Test Lead: White

#	Freq MHz	Rdng dBuV	T1 dB	dB	dB	dB	Dist Table	Corr dBuV	Spec dBuV	Margin dB	Polar Ant
1	831.755K	38.4	+0.1				+0.0	38.5	46.0	-7.5	White
2	566.325K	37.9	+0.1				+0.0	38.0	46.0	-8.0	White
3	640.864K	37.2	+0.1				+0.0	37.3	46.0	-8.7	White
4	164.544K	45.4	+0.0				+0.0	45.4	55.2	-9.8	White
5	3.404M	34.2	+0.2				+0.0	34.4	46.0	-11.6	White
6	937.354K	33.8	+0.1				+0.0	33.9	46.0	-12.1	White
7	1.138M	33.0	+0.1				+0.0	33.1	46.0	-12.9	White
8	1.328M	32.3	+0.1				+0.0	32.4	46.0	-13.6	White
9	3.043M	32.0	+0.2				+0.0	32.2	46.0	-13.8	White

10	2.802M	31.6	+0.2	+0.0	31.8	46.0	-14.2	WHITE
11	3.203M	31.6	+0.2	+0.0	31.8	46.0	-14.2	WHITE
12	1.399M	31.6	+0.1	+0.0	31.7	46.0	-14.3	WHITE
13	3.113M	31.5	+0.2	+0.0	31.7	46.0	-14.3	WHITE
14	2.501M	30.9	+0.2	+0.0	31.1	46.0	-14.9	WHITE
15	2.602M	30.9	+0.2	+0.0	31.1	46.0	-14.9	WHITE



Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112		
Customer:	**ANYDATA CORPORATION**		
Specification:	**FCC 15.107 CLASS B COND [AVE]**		
Work Order #:	**81938**	Date:	07/02/2004
Test Type:	**CONDUCTED EMISSIONS**	Time:	2:00:35 PM
Equipment:	**CDMA DATA MODEM (DUAL BAND)**	Sequence#:	48
Manufacturer:	AnyDATA Corporation	Tested By:	Eddie Wong
Model:	EMIV-Dual		110V 60Hz
S/N:	ESN6C1A8BF2		

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are left unterminated. Tx Freq = 1880.00 MHz. Frequency range of measurement = 150 kHz - 30 MHz. 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

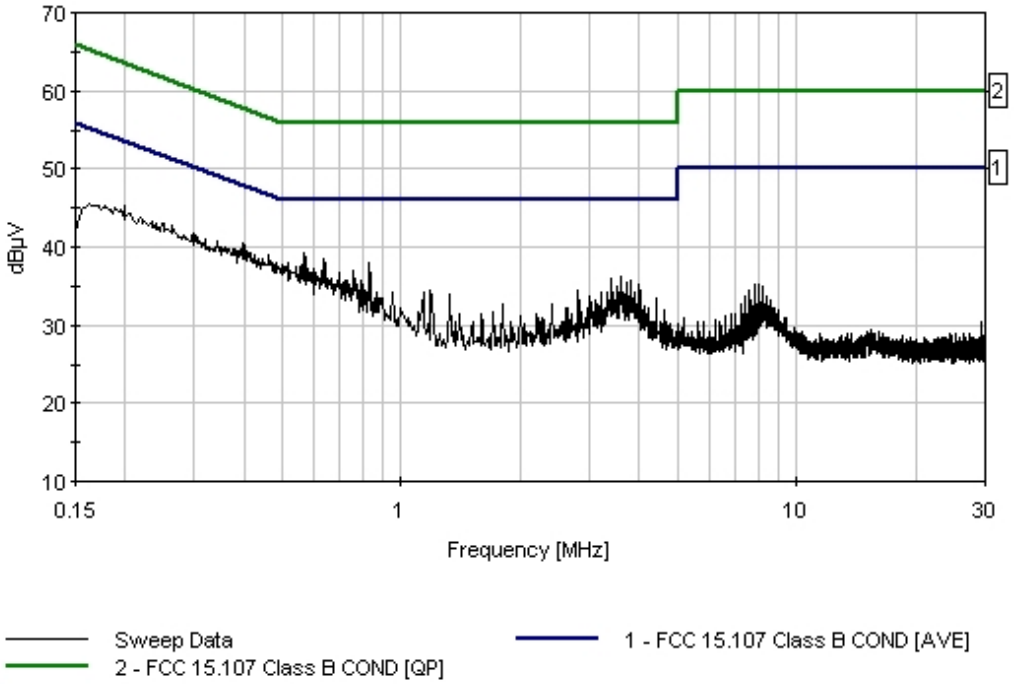
T1=Cable #21 Conducted Site H

Measurement Data: Reading listed by margin. Test Lead: Black

#	Freq MHz	Rdng dBµV	T1 dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	637.228K	38.5	+0.1				+0.0	38.6	46.0	-7.4	Black
2	829.937K	37.8	+0.1				+0.0	37.9	46.0	-8.1	Black
3	757.217K	37.0	+0.1				+0.0	37.1	46.0	-8.9	Black
4	162.726K	45.6	+0.0				+0.0	45.6	55.3	-9.7	Black
5	3.614M	35.9	+0.2				+0.0	36.1	46.0	-9.9	Black
6	3.404M	35.7	+0.2				+0.0	35.9	46.0	-10.1	Black
7	3.815M	35.4	+0.2				+0.0	35.6	46.0	-10.4	Black
8	3.704M	35.3	+0.2				+0.0	35.5	46.0	-10.5	Black
9	4.005M	34.9	+0.2				+0.0	35.1	46.0	-10.9	Black

10	1.188M	34.4	+0.1	+0.0	34.5	46.0	-11.5	BLACK
11	2.802M	34.2	+0.2	+0.0	34.4	46.0	-11.6	BLACK
12	947.379K	34.2	+0.1	+0.0	34.3	46.0	-11.7	BLACK
13	3.303M	34.1	+0.2	+0.0	34.3	46.0	-11.7	BLACK
14	3.203M	34.0	+0.2	+0.0	34.2	46.0	-11.8	BLACK
15	1.328M	33.8	+0.1	+0.0	33.9	46.0	-12.1	BLACK

CKC Laboratories, Inc. Date: 07/02/2004 Time: 2:00:35 PM AnyDATA.net Incorporated WO#: 81938
FCC 15.107 Class B COND [AVE] Test Lead: Black 110V 60Hz Sequence#: 48



Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112		
Customer:	**ANYDATA CORPORATION**		
Specification:	**FCC 15.107 CLASS B COND [AVE]**		
Work Order #:	**81938**	Date:	07/02/2004
Test Type:	**CONDUCTED EMISSIONS**	Time:	2:06:21 PM
Equipment:	**CDMA DATA MODEM (DUAL BAND)**	Sequence#:	49
Manufacturer:	AnyDATA Corporation	Tested By:	Eddie Wong
Model:	EMIV-Dual		110V 60Hz
S/N:	ESN6C1A8BF2		

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test all other ports are left unterminated. Tx Freq = 1880.00 MHz. Frequency range of measurement = 150 kHz - 30 MHz. 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz. 110Vac, 60 Hz, 23°C, 47% relative humidity.

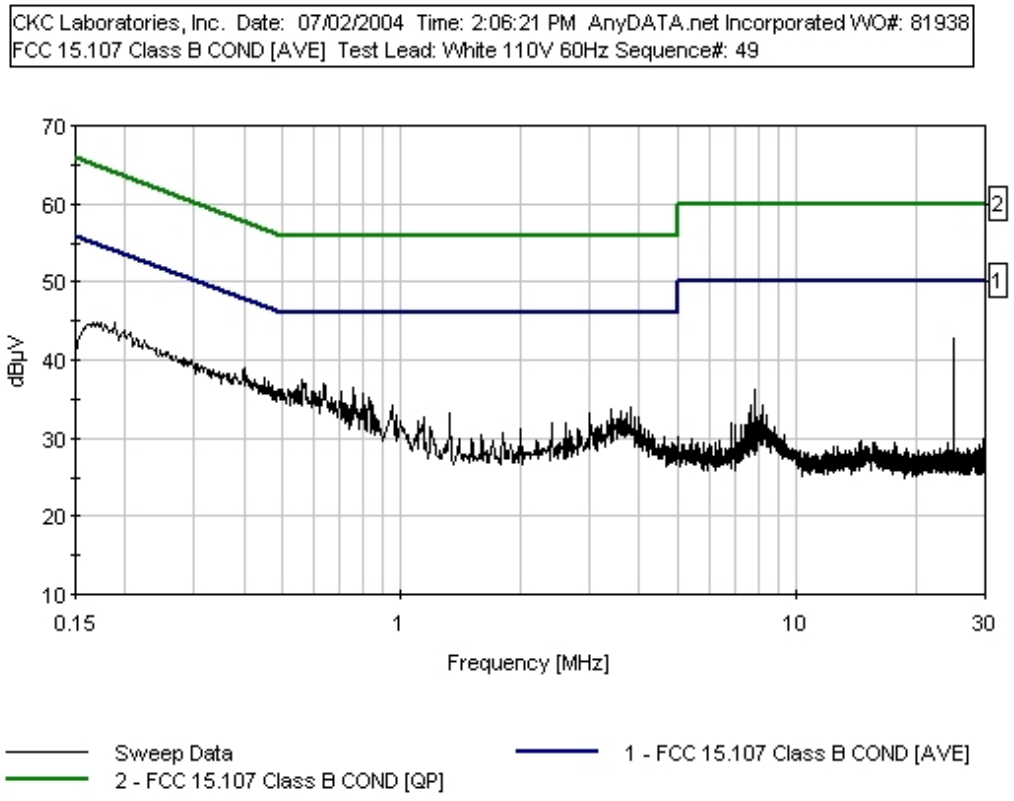
Transducer Legend:

T1=Cable #21 Conducted Site A

Measurement Data: Reading listed by margin. Test Lead: White

#	Freq MHz	Rdng dBuV	T1 dB	dB	dB	dB	Dist Table	Corr dBuV	Spec dBuV	Margin dB	Polar Ant
1	24.857M	42.3	+0.4				+0.0	42.7	50.0	-7.3	White
2	635.410K	36.8	+0.1				+0.0	36.9	46.0	-9.1	White
3	173.634K	44.8	+0.0				+0.0	44.8	54.8	-10.0	White
4	947.379K	34.0	+0.1				+0.0	34.1	46.0	-11.9	White
5	3.805M	33.8	+0.2				+0.0	34.0	46.0	-12.0	White
6	1.328M	33.1	+0.1				+0.0	33.2	46.0	-12.8	White
7	7.815M	36.0	+0.3				+0.0	36.3	50.0	-13.7	White
8	2.401M	31.8	+0.2				+0.0	32.0	46.0	-14.0	White
9	2.602M	31.7	+0.2				+0.0	31.9	46.0	-14.1	White

10	1.188M	31.4	+0.1	+0.0	31.5	46.0	-14.5	WHITE
11	2.000M	31.2	+0.1	+0.0	31.3	46.0	-14.7	WHITE
12	2.672M	30.7	+0.2	+0.0	30.9	46.0	-15.1	WHITE
13	7.624M	33.9	+0.3	+0.0	34.2	50.0	-15.8	WHITE
14	8.216M	33.8	+0.3	+0.0	34.1	50.0	-15.9	WHITE
15	6.812M	31.7	+0.2	+0.0	31.9	50.0	-18.1	WHITE



Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112		
Customer:	**ANYDATA CORPORATION**		
Specification:	**FCC 15.107 CLASS B COND [AVE]**		
Work Order #:	**81938**	Date:	07/02/2004
Test Type:	**CONDUCTED EMISSIONS**	Time:	2:16:45 PM
Equipment:	**CDMA DATA MODEM (DUAL BAND)**	Sequence#:	51
Manufacturer:	AnyDATA Corporation	Tested By:	Eddie Wong
Model:	EMIV-Dual		110V 60Hz
S/N:	ESN6C1A8BF2		

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are left unterminated. Tx Freq = 1908.75 MHz. Frequency range of measurement = 150 kHz - 30 MHz. 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

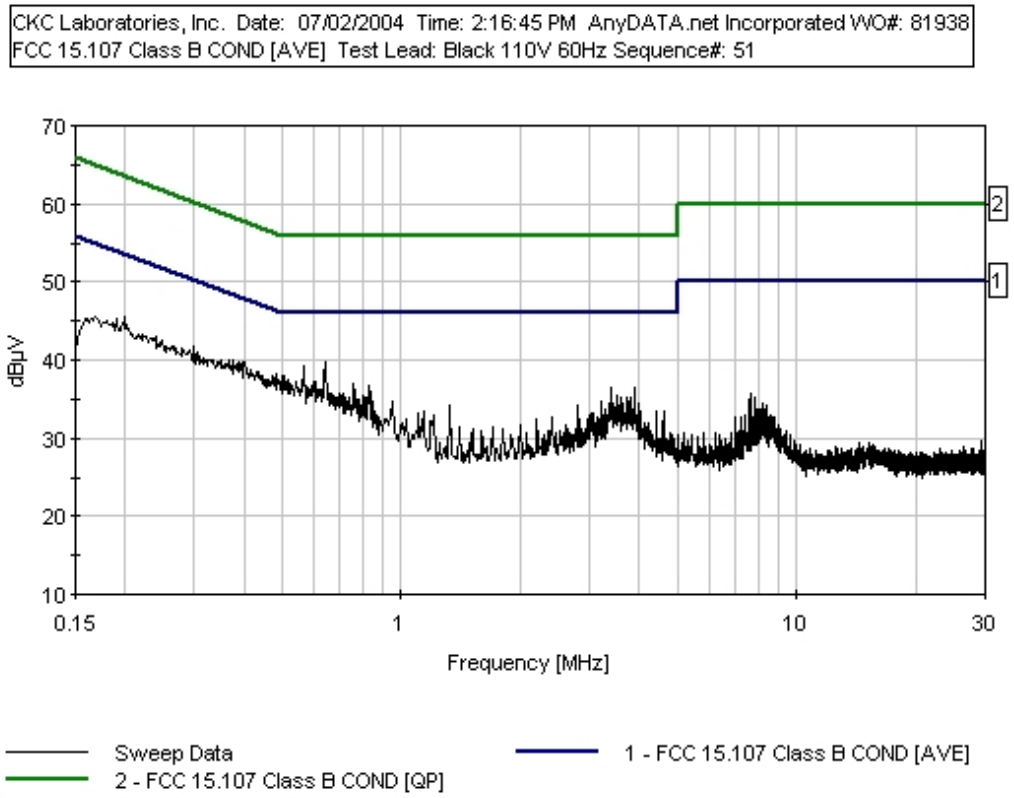
Transducer Legend:

T1=Cable #21 Conducted Site A

Measurement Data: Reading listed by margin. Test Lead: Black

#	Freq MHz	Rdng dBµV	T1 dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	640.864K	39.6	+0.1				+0.0	39.7	46.0	-6.3	Black
2	200.904K	45.6	+0.0				+0.0	45.6	53.6	-8.0	Black
3	3.414M	36.3	+0.2				+0.0	36.5	46.0	-9.5	Black
4	3.905M	36.2	+0.2				+0.0	36.4	46.0	-9.6	Black
5	947.379K	34.6	+0.1				+0.0	34.7	46.0	-11.3	Black
6	3.203M	34.5	+0.2				+0.0	34.7	46.0	-11.3	Black
7	1.328M	34.1	+0.1				+0.0	34.2	46.0	-11.8	Black
8	2.802M	34.0	+0.2				+0.0	34.2	46.0	-11.8	Black
9	3.263M	33.6	+0.2				+0.0	33.8	46.0	-12.2	Black

10	4.607M	33.3	+0.2	+0.0	33.5	46.0	-12.5	BLACK
11	4.406M	33.2	+0.2	+0.0	33.4	46.0	-12.6	BLACK
12	2.401M	32.4	+0.2	+0.0	32.6	46.0	-13.4	BLACK
13	2.201M	32.4	+0.1	+0.0	32.5	46.0	-13.5	BLACK
14	2.010M	31.7	+0.1	+0.0	31.8	46.0	-14.2	BLACK
15	7.624M	35.4	+0.3	+0.0	35.7	50.0	-14.3	BLACK



Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112		
Customer:	**ANYDATA CORPORATION**		
Specification:	**FCC 15.107 CLASS B COND [AVE]**		
Work Order #:	**81938**	Date:	07/02/2004
Test Type:	**CONDUCTED EMISSIONS**	Time:	2:12:11 PM
Equipment:	**CDMA DATA MODEM (DUAL BAND)**	Sequence#:	50
Manufacturer:	AnyDATA Corporation	Tested By:	Eddie Wong
Model:	EMIV-Dual		110V 60Hz
S/N:	ESN6C1A8BF2		

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are left unterminated. Tx Freq = 1908.75 MHz. Frequency range of measurement = 150 kHz - 30 MHz. 150 kHz - 30 MHz: RBW=9 kHz, VBW=9 kHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

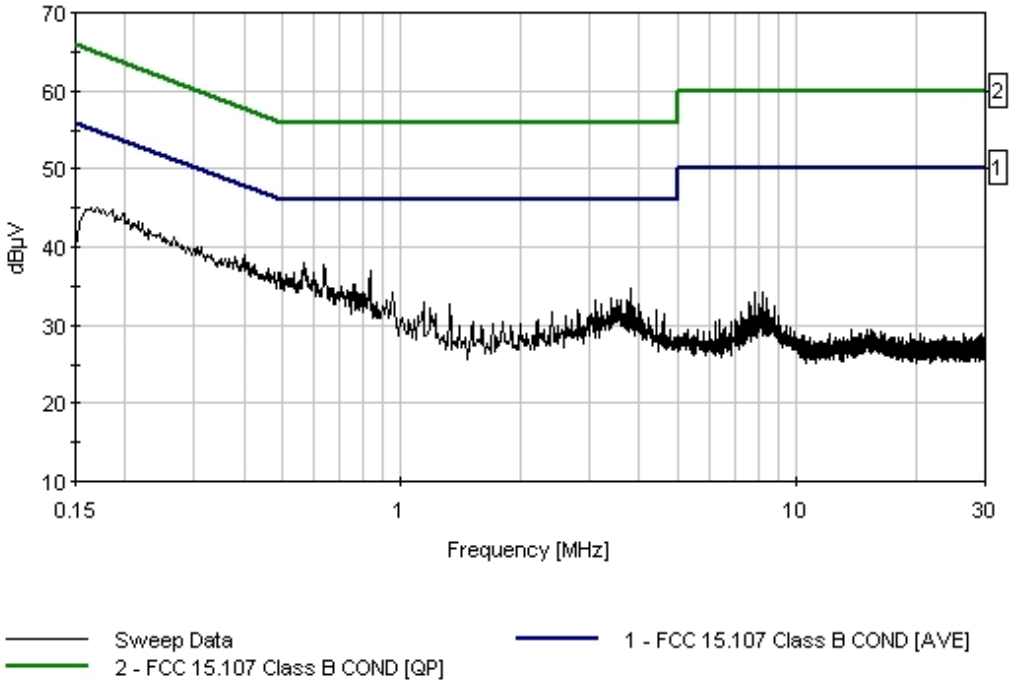
T1=Cable #21 Conducted Site A

Measurement Data: Reading listed by margin. Test Lead: White

#	Freq MHz	Rdng dBµV	T1 dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	639.046K	37.7	+0.1				+0.0	37.8	46.0	-8.2	White
2	833.573K	36.9	+0.1				+0.0	37.0	46.0	-9.0	White
3	169.998K	45.1	+0.0				+0.0	45.1	55.0	-9.9	White
4	3.805M	34.4	+0.2				+0.0	34.6	46.0	-11.4	White
5	947.379K	34.0	+0.1				+0.0	34.1	46.0	-11.9	White
6	1.138M	32.9	+0.1				+0.0	33.0	46.0	-13.0	White
7	1.328M	32.6	+0.1				+0.0	32.7	46.0	-13.3	White
8	1.188M	32.0	+0.1				+0.0	32.1	46.0	-13.9	White
9	2.802M	31.7	+0.2				+0.0	31.9	46.0	-14.1	White

10	2.401M	31.4	+0.2	+0.0	31.6	46.0	-14.4	White
11	4.607M	31.2	+0.2	+0.0	31.4	46.0	-14.6	White
12	1.800M	30.3	+0.1	+0.0	30.4	46.0	-15.6	White
13	1.519M	30.2	+0.1	+0.0	30.3	46.0	-15.7	White
14	8.216M	34.0	+0.3	+0.0	34.3	50.0	-15.7	White
15	7.815M	33.9	+0.3	+0.0	34.2	50.0	-15.8	White

CKC Laboratories, Inc. Date: 07/02/2004 Time: 2:12:11 PM AnyDATA.net Incorporated WO#: 81938
FCC 15.107 Class B COND [AVE] Test Lead: White 110V 60Hz Sequence#: 50



Test Equipment

Equipment	Asset #	Manufacturer	Model #	Serial #	Cal Date	Cal Due
Spectrum Analyzer	02467	Agilent	E7405A	US40240225	033103	033105
Conducted Cable	NA	Harbour Ind	RG142	Cable # 21	070204	070205
150kHZ HPF	02610	TTE	HB9615-150k-50-720	07766	041604	041605
LISN	00847	EMCO	3816/2NM	1104	010403	010405

PHOTOGRAPH SHOWING MAINS CONDUCTED EMISSIONS

Mains Conducted Emissions - Front View

PHOTOGRAPH SHOWING MAINS CONDUCTED EMISSIONS

Mains Conducted Emissions - Side View

FCC 15.109 – RADIATED EMISSIONS

Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112		
Customer:	**ANYDATA CORPORATION**		
Specification:	**FCC 15.109 CLASS B**		
Work Order #:	**81938**	Date:	07/01/2004
Test Type:	**MAXIMIZED EMISSION**	Time:	12:36:32
Equipment:	**CDMA DATA MODEM (DUAL BAND)**	Sequence#:	8
Manufacturer:	AnyDATA Corporation	Tested By:	Eddie Wong
Model:	EMIV-Dual		
S/N:	ESN6C1A8BF2		

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are left unterminated. Tx Freq = 824.04 MHz. Frequency range of measurement = 30 MHz - 5 GHz. 30 MHz - 1000 MHz: RBW=120 kHz, VBW=120 kHz. 1000 MHz - 5000 MHz: RBW=1 MHz, VBW=1 MHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

T1=Biconalog, SN 2451 040806	T2=Cable #10 051305
T3=Cable# 15 123004	T4=Preamp 8447D 082304
T5=----------	T6=Horn 6246 091004
T7=SMA Cable 1-40GHz RN2604 012305	T8=HP83017A Preamp 091104
T9=Cable#20 Heliax 48FT 101304	

Measurement Data: Reading listed by margin. Test Distance: 3 Meters

#	Freq	Rdng	T1 T5 T9	T2 T6	T3 T7	T4 T8	Dist	Corr	Spec	Margin	Polar
	MHz	dBuV	dB	dB	dB	dB	Table	dBuV/m	dBuV/m	dB	Ant
1	3571.020M	49.4	+0.0 +0.0 +4.2	+0.0 +32.3	+0.0 +0.6	+0.0 -39.9	+0.0	46.6	54.0	-7.4	Horiz
2	3572.000M	48.7	+0.0 +0.0 +4.2	+0.0 +32.3	+0.0 +0.6	+0.0 -39.9	+0.0	45.9	54.0	-8.1	Vert
3	952.633M	32.2	+26.1	+0.7	+6.3	-27.5	+0.0	37.8	46.0	-8.2	Vert
4	400.014M	41.1	+16.4	+0.4	+3.9	-28.2	+0.0	33.6	46.0	-12.4	Horiz

5	593.981M	34.2	+19.7	+0.5	+4.9	-27.7	+0.0	31.6	46.0	-14.4	HORIZ
6	300.009M	42.3	+14.0	+0.3	+3.3	-28.3	+0.0	31.6	46.0	-14.4	HORIZ
7	240.018M	43.6	+12.8	+0.3	+2.9	-28.3	+0.0	31.3	46.0	-14.7	VERT
8	349.993M	39.3	+15.4	+0.4	+3.5	-28.3	+0.0	30.3	46.0	-15.7	HORIZ
9	288.039M	41.0	+13.9	+0.3	+3.3	-28.3	+0.0	30.2	46.0	-15.8	HORIZ
10	444.440M	35.6	+18.1	+0.4	+4.0	-28.3	+0.0	29.8	46.0	-16.2	HORIZ
11	84.017M	41.1	+8.6	+0.1	+1.8	-28.5	+0.0	23.1	40.0	-16.9	HORIZ
12	262.494M	40.2	+13.6	+0.3	+3.1	-28.2	+0.0	29.0	46.0	-17.0	HORIZ
13	250.001M	40.5	+13.5	+0.3	+3.0	-28.3	+0.0	29.0	46.0	-17.0	HORIZ
14	299.992M	39.6	+14.0	+0.3	+3.3	-28.3	+0.0	28.9	46.0	-17.1	VERT
15	499.991M	33.0	+19.0	+0.4	+4.5	-28.1	+0.0	28.8	46.0	-17.2	VERT
16	336.020M	38.3	+15.0	+0.4	+3.4	-28.3	+0.0	28.8	46.0	-17.2	VERT
17	480.042M	33.5	+18.7	+0.4	+4.3	-28.2	+0.0	28.7	46.0	-17.3	VERT
18	110.578M	40.4	+11.5	+0.2	+1.8	-28.4	+0.0	25.5	43.5	-18.0	VERT
19	349.974M	35.2	+15.4	+0.4	+3.5	-28.3	+0.0	26.2	46.0	-19.8	VERT
20	320.028M	35.7	+14.6	+0.3	+3.4	-28.3	+0.0	25.7	46.0	-20.3	VERT
21	220.431M	36.2	+11.4	+0.3	+2.8	-28.3	+0.0	22.4	46.0	-23.6	HORIZ

Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112
Customer:	**ANYDATA CORPORATION**
Specification:	**FCC 15.109 CLASS B**
Work Order #:	**81938**
Test Type:	**MAXIMIZED EMISSION**
Equipment:	**CDMA DATA MODEM (DUAL BAND)**
Manufacturer:	AnyDATA Corporation
Model:	EMIV-Dual
S/N:	ESN6C1A8BF2

Date: 07/01/2004
Time: 13:58:32
Sequence#: 9
Tested By: Eddie Wong

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	QH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are left unterminated. Tx Freq =836.52 MHz. Frequency range of measurement = 30 MHz - 5 GHz. 30 MHz - 1000 MHz: RBW=120 kHz, VBW=120 kHz, 1000 MHz - 5000 MHz: RBW=1 MHz, VBW=1 MHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

T1=Riconalog, SN 2451 040806	T2=Cable #10 051305
T3=Cable# 15 123004	T4=Preamp 8447D 082304
T5=----------	T6=Horn 6246 091004
T7=SMA Cable 1-40GHz AN2604 012305	T8=HP83017A Preamp 091104
T9=Cable#20 Heliax 48FT 101304	

Measurement Data: Reading listed by margin. Test Distance: 3 Meters

#	Freq	Rdng	T1 T5 T9	T2 T6	T3 T7	T4 T8	Dist	Corr	Spec	Margin	Polar
	MHz	dBuV	dB	dB	dB	dB	Table	dBuV/m	dBuV/m	dB	Ant
1	3572.000M	48.4	+0.0 +0.0 +4.2	+0.0 +32.3	+0.0 +0.6	+0.0 -39.9	+0.0	45.6	54.0	-8.4	Vert
2	3572.000M	47.0	+0.0 +0.0 +4.2	+0.0 +32.3	+0.0 +0.6	+0.0 -39.9	+0.0	44.2	54.0	-9.8	Horiz
3	1763.100M	52.1	+0.0 +0.0 +2.5	+0.0 +26.7	+0.0 +0.5	+0.0 -38.2	+0.0	43.6	54.0	-10.4	Vert

4	1763.000M	49.7	+0.0 +0.0 +2.5	+0.0 +26.7	+0.0 +0.5	+0.0 -38.2	+0.0	41.2	54.0	-12.8	HORIZ
5	3751.900M	41.5	+0.0 +0.0 +4.5	+0.0 +32.8	+0.0 +0.7	+0.0 -39.6	+0.0	39.9	54.0	-14.1	HORIZ
6	3572.800M	42.6	+0.0 +0.0 +4.2	+0.0 +32.3	+0.0 +0.6	+0.0 -39.9	+0.0	39.8	54.0	-14.2	VERT
7	300.002M	40.3	+14.0	+0.3	+3.3	-28.3	+0.0	29.6	46.0	-16.4	VERT

Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112
Customer:	**ANYDATA CORPORATION**
Specification:	**FCC 15.109 CLASS B**
Work Order #:	**81938**
Test Type:	**MAXIMIZED EMISSION**
Equipment:	**CDMA DATA MODEM (DUAL BAND)**
Manufacturer:	AnyDATA Corporation
Model:	EMIV-Dual
S/N:	ESN6C1A8BF2

Date: 07/01/2004
Time: 14:07:19
Sequence#: 10
Tested By: Eddie Wong

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	QH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are left unterminated. Tx Freq =848.97 MHz. Frequency range of measurement = 30 MHz - 5 GHz. 30 MHz - 1000 MHz: RBW=120 kHz, VBW=120 kHz, 1000 MHz - 5000 MHz: RBW=1 MHz, VBW=1 MHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

T1=Biconalog, SN 2451 040806	T2=Cable #10 051305
T3=Cable# 15 123004	T4=Preamp 8447D 082304
T5=----------	T6=Horn 6246 091004
T7=SMA Cable 1-40GHz AN2604 012305	T8=HP83017A Preamp 091104
T9=Cable#20 Heliax 48FT 101304	

Measurement Data: Reading listed by margin. Test Distance: 3 Meters

#	Freq	Rdng	T1 T5 T9	T2 T6	T3 T7	T4 T8	Dist	Corr	Spec	Margin	Polar
	MHz	dBuV	dB	dB	dB	dB	Table	dBuV/m	dBuV/m	dB	Ant
1	1787.600M	51.4	+0.0 +0.0 +2.5	+0.0 +26.9	+0.0 +0.5	+0.0 -38.3	+0.0	43.0	54.0	-11.0	Vert
2	3575.800M	45.6	+0.0 +0.0 +4.2	+0.0 +32.3	+0.0 +0.6	+0.0 -39.9	+0.0	42.8	54.0	-11.2	Horiz
3	1788.000M	50.5	+0.0 +0.0 +2.5	+0.0 +26.9	+0.0 +0.5	+0.0 -38.3	+0.0	42.1	54.0	-11.9	Horiz

4	3575.800M	44.8	+0.0 +0.0 +4.2	+0.0 +32.3	+0.0 +0.6	+0.0 -39.9	+0.0	42.0	54.0	-12.0	VERT
5	907.630M	25.3	+24.2	+0.7	+6.2	-27.4	+0.0	29.0	46.0	-17.0	VERT
6	731.820M	26.8	+21.5	+0.6	+5.4	-27.5	+0.0	26.8	46.0	-19.2	HORIZ

Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112		
Customer:	**ANYDATA CORPORATION**		
Specification:	**FCC 15.109 CLASS B**		
Work Order #:	**81938**	Date:	07/01/2004
Test Type:	**MAXIMIZED EMISSION**	Time:	14:51:14
Equipment:	**CDMA DATA MODEM (DUAL BAND)**	Sequence#:	11
Manufacturer:	AnyDATA Corporation	Tested By:	Eddie Wong
Model:	EMIV-Dual		
S/N:	ESN6C1A8BF2		

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are left unterminated. Tx Freq = 1851.25 MHz. Frequency range of measurement = 30 MHz - 10 GHz. 30 MHz - 1000 MHz: RBW=120 kHz, VBW=120 kHz,1000 MHz - 10000 MHz: RBW=1 MHz, VBW=1 MHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

T1=Riconalog, SN 2451 040806	T2=Cable #10 051305
T3=Cable# 15 123004	T4=Preamp 8447D 082304
T5=----------	T6=Horn 6246 091004
T7=SMA Cable 1-40GHz AN2604 012305	T8=HP83017A Preamp 091104
T9=Cable#20 Heliax 48FT 101304	T10=HPF AN02116 1.5GHz 060605

Measurement Data: Reading listed by margin. Test Distance: 3 Meters

#	Freq	Rdng	T1 T5 T9	T2 T6 T10	T3 T7	T4 T8	Dist	Corr	Spec	Margin	Polar
	MHz	dBuV	dB	dB	dB	dB	Table	dBuV/m	dBuV/m	dB	Ant
1	1716.700M	53.0	+0.0 +0.0 +2.5	+0.0 +26.5 +0.0	+0.0 +0.4	+0.0 -38.1	+0.0	44.3	54.0	-9.7	Vert
2	1716.700M	49.6	+0.0 +0.0 +2.5	+0.0 +26.5 +0.0	+0.0 +0.4	+0.0 -38.1	+0.0	40.9	54.0	-13.1	Horiz
3	240.100M	40.3	+12.8	+0.3	+2.9	-28.3	+0.0	28.0	46.0	-18.0	Vert
4	251.740M	34.5	+13.5	+0.3	+3.0	-28.3	+0.0	23.0	46.0	-23.0	Vert

Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112
Customer:	**ANYDATA CORPORATION**
Specification:	**FCC 15.109 CLASS B**
Work Order #:	**81938**
Test Type:	**MAXIMIZED EMISSION**
Equipment:	**CDMA DATA MODEM (DUAL BAND)**
Manufacturer:	AnyDATA Corporation
Model:	EMIV-Dual
S/N:	ESN6C1A8BF2

Date: 07/01/2004
Time: 16:09:26
Sequence#: 12
Tested By: Eddie Wong

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The Support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are left unterminated. Tx Freq = 1880.00 MHz. Frequency range of measurement = 30 MHz - 10 GHz. 30 MHz - 1000 MHz: RBW=120 kHz, VBW=120 kHz. 1000 MHz - 10000 MHz: RBW=1 MHz, VBW=1 MHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

T1=Riconalog, SN 2451 040806	T2=Cable #10 051305
T3=Cable# 15 123004	T4=Preamp 8447D 082304
T5=----------	T6=SMA Cable 1-40GHz AN2604 012305
T7=Horn 6246 091004	T8=Cable#20 Heliax 48ft 101304
T9=HP83017A Preamp 091104	

Measurement Data: Reading listed by margin. Test Distance: 3 Meters

#	Freq	Rdng	T1 T5 T9	T2 T6	T3 T7	T4 T8	Dist	Corr	Spec	Margin	Polar
	MHz	dBuV	dB	dB	dB	dB	Table	dBuV/m	dBuV/m	dB	Ant
1	1742.230M	54.0	+0.0 +0.0 -38.1	+0.0 +0.5	+0.0 +26.6	+0.0 +2.5	+0.0	45.5	54.0	-8.5	Vert
2	1742.100M	48.1	+0.0 +0.0 -38.1	+0.0 +0.5	+0.0 +26.6	+0.0 +2.5	+0.0	39.6	54.0	-14.4	Horiz
3	32.410M	29.7	+17.1	+0.1	+1.0	-28.4	+0.0	19.5	40.0	-20.5	Horiz

Test Location:	CKC Laboratories, Inc. · 110 N. Olinda Place · Brea, CA 92823 · (714) 993-6112		
Customer:	**ANYDATA CORPORATION**		
Specification:	**FCC 15.109 CLASS B**		
Work Order #:	**81938**	Date:	07/02/2004
Test Type:	**MAXIMIZED EMISSION**	Time:	08:31:38
Equipment:	**CDMA DATA MODEM (DUAL BAND)**	Sequence#:	13
Manufacturer:	AnyDATA Corporation	Tested By:	Eddie Wong
Model:	EMIV-Dual		
S/N:	ESN6C1A8BF2		

Equipment Under Test **(* EUT):**

Function	Manufacturer	Model #	S/N
Power Supply	Oriental Hero Electrical Company	OH-48052DT	NA
CDMA Data Modem (Dual Band)*	AnyDATA Corporation	EMIV-Dual	ESN6C1A8BF2

Support Devices:

Function	Manufacturer	Model #	S/N
Laptop	Compaq	EVO N150	PP2110

Test Conditions / Notes:

The EUT is placed on the test bench. RS232 is connected to a remotely located support laptop via UTP. The support laptop runs test program to set the transmitting and receiving channel, power level of the EUT. The EUT is in receive mode during the test. All other ports are left unterminated. Tx Freq = 1908.75 MHz. Frequency range of measurement = 30 MHz - 10 GHz. 30 MHz - 1000 MHz: RBW=120 kHz, VBW=120 kHz. 1000 MHz - 10000 MHz: RBW=1 MHz, VBW=1 MHz. 110VAC, 60 Hz, 23°C, 47% relative humidity.

Transducer Legend:

T1=Riconalog, SN 2451 040806	T2=Cable #10 051305
T3=Cable# 15 123004	T4=Preamp 8447D 082304
T5=----------	T6=Horn 6246 091004
T7=SMA Cable 1-40GHz AN2604 012305	T8=HP83017A Preamp 091104
T9=Cable#20 Heliax 48FT 101304	

Measurement Data: Reading listed by margin. Test Distance: 3 Meters

#	Freq	Rdng	T1 T5 T9	T2 T6	T3 T7	T4 T8	Dist	Corr	Spec	Margin	Polar
	MHz	dBuV	dB	dB	dB	dB	Table	dBuV/m	dBuV/m	dB	Ant
1	1767.730M	55.3	+0.0 +0.0 +2.5	+0.0 +26.8	+0.0 +0.5	+0.0 -38.2	+0.0	46.9	54.0	-7.1	Vert
2	1767.790M	53.0	+0.0 +0.0 +2.5	+0.0 +26.8	+0.0 +0.5	+0.0 -38.2	+0.0	44.6	54.0	-9.4	Horiz
3	266.670M	40.6	+13.7	+0.3	+3.1	-28.2	+0.0	29.5	46.0	-16.5	Horiz

Test Equipment

Equipment	Asset #	Manufacturer	Model #	Serial #	Cal Date	Cal Due
Spectrum Analyzer RF Section	02462	HP	8568B	2928A04874	031103	031105
Spectrum Analyzer Display Section	02472	HP	85662A	3001A18430	031103	031105
QP Adapter	01437	HP	85650A	3303A01884	092702	092704
Spectrum Analyzer	02467	Agilent	E7405A	US40240225	033103	033105
30-1000MHz						
biconilog Antenna	01995	Chase	CBL6111C	2451	040804	040806
Pre-amp	00309	HP	8447D	1937A02548	082303	082304
Antenna cable	NA	NA	RG214	Cable#15	123003	123004
Pre-amp to SA cable	NA	Harbour	RG223/U	Cable#10	070802	070804
1000-1800 MHz						
Horn Antenna	0849	EMCO	3115	6246	091002	091004
Microwave Pre-amp	00786	HP	83017A	3123A00281	091102	091104
¼" Heliax Coaxial Cable	NA	Andrew	FSJ-50A-4	Cable#7 (6 ft)	073103	073104
Heliax Antenna cable	NA	Andrew	LDF1-50	Cable#20	101303	101304
24" SMA Cable	2604	Argosy	UFA147A	0-0360-200200	012304	012305
2.4 GHz HPF	01440	K&L	91H31-3000	001	022003	022005
1.5 GHz HPF	02116	HP	84300-80037	3643A00027	060603	060605
1800-20000MHz						
18-26.5 GHz Horn Antenna	02112	HP	84125-8008	3643A00027	070103	070105

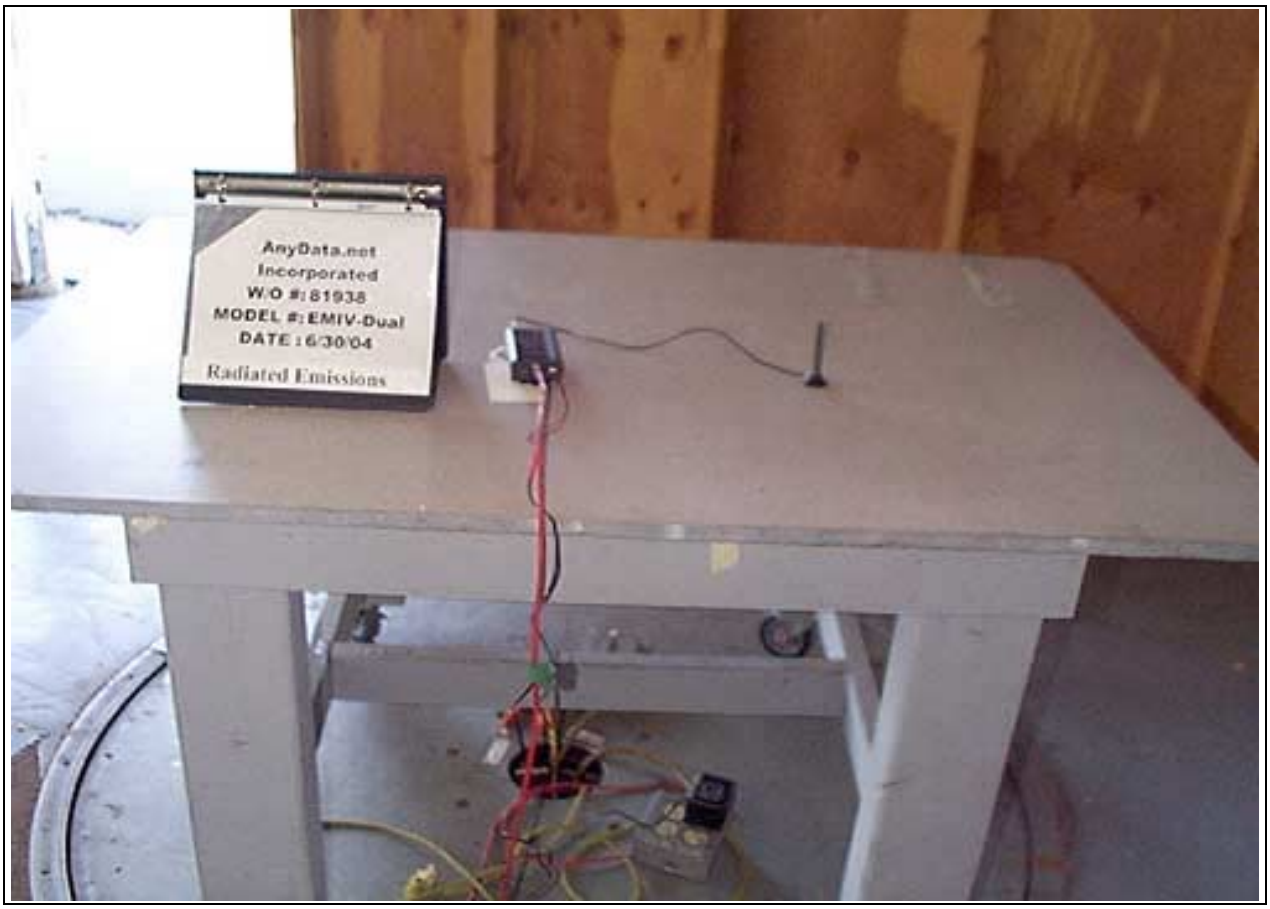
PHOTOGRAPH SHOWING RADIATED EMISSIONS

Radiated Emissions - Front View

PHOTOGRAPH SHOWING RADIATED EMISSIONS

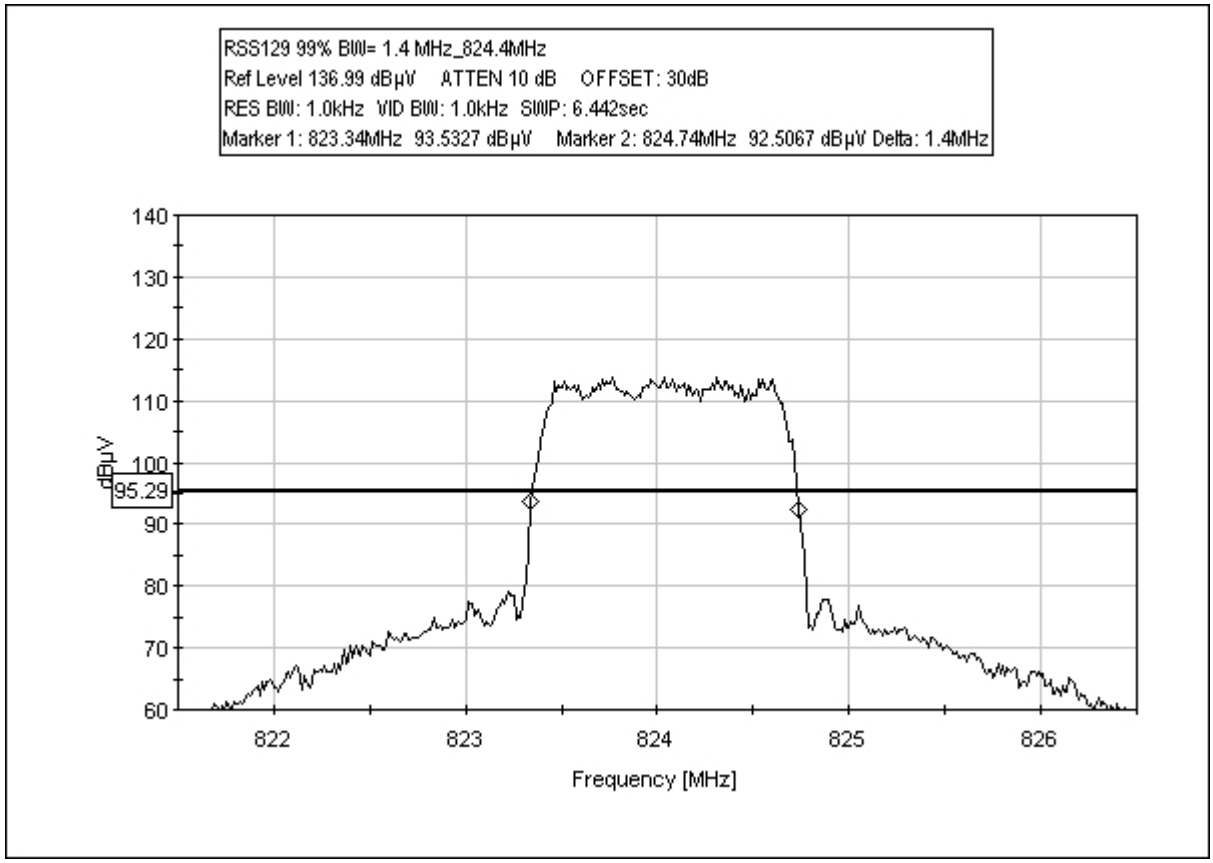
Radiated Emissions - Front View - Horn Antenna

PHOTOGRAPH SHOWING RADIATED EMISSIONS

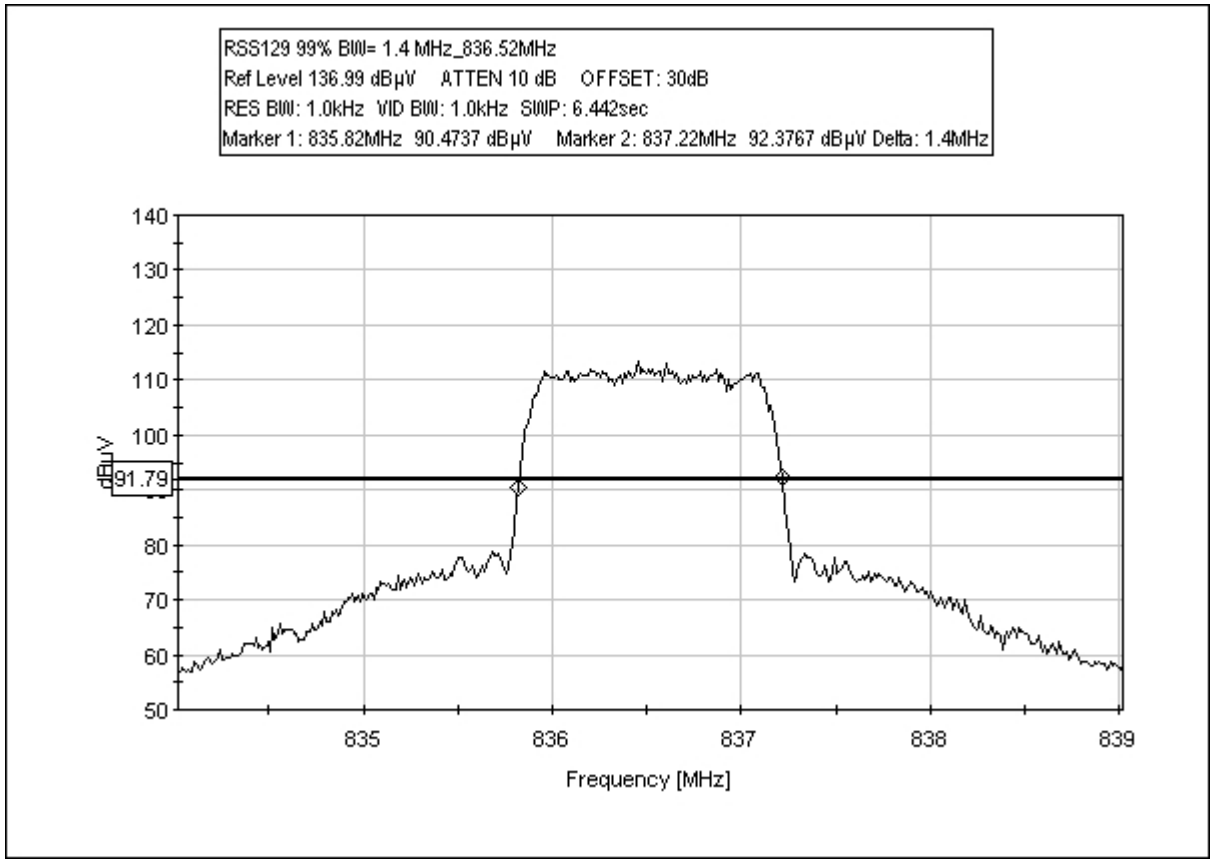


Radiated Emissions - Back View

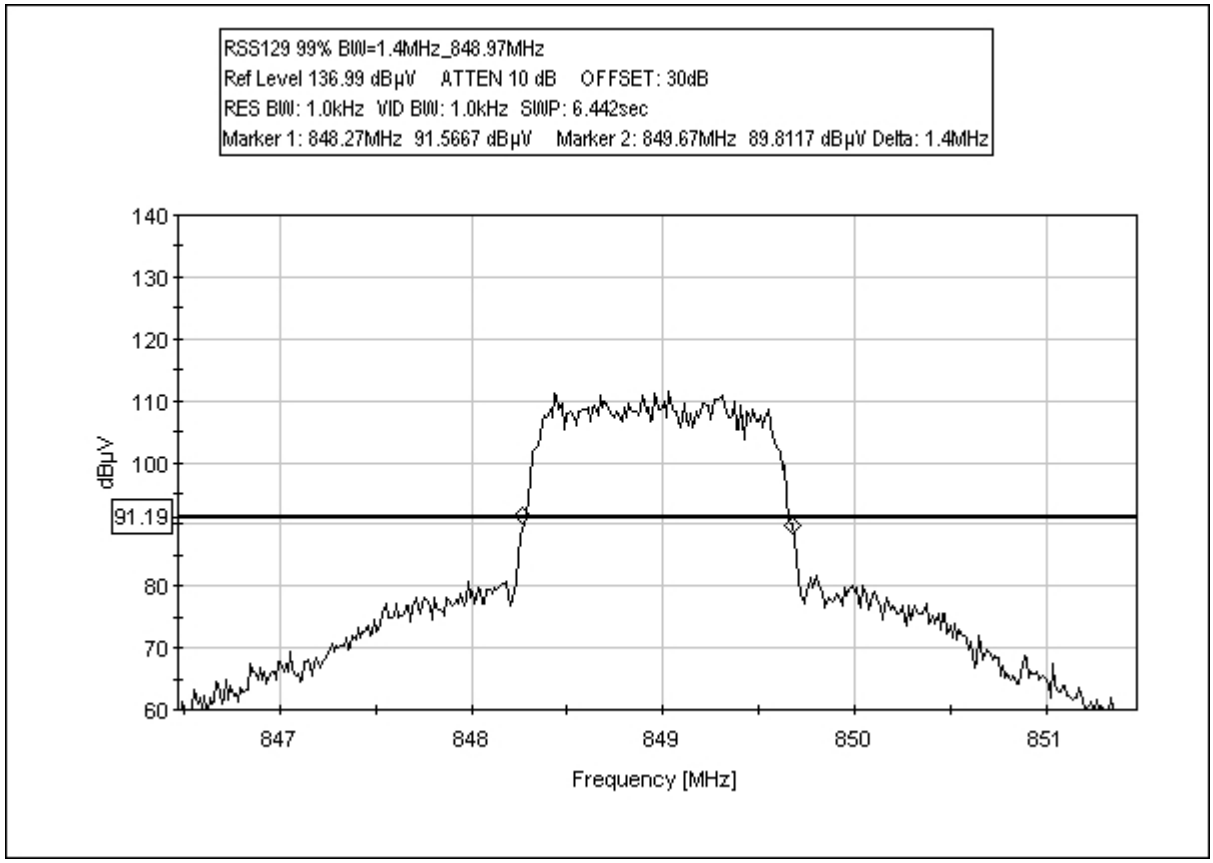
RSS-129 99% BANDWIDTH: 824.4 MHz



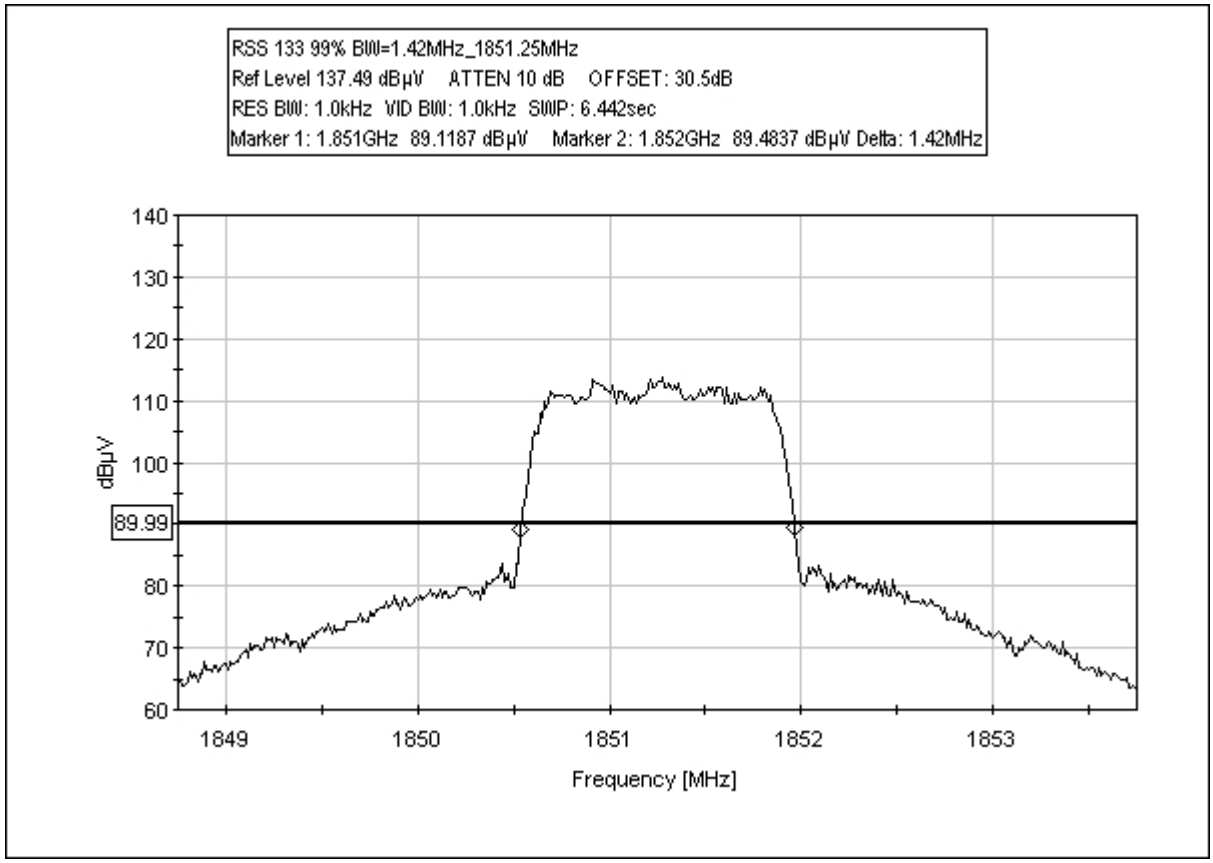
RSS-129 99% BANDWIDTH 836.52 MHz



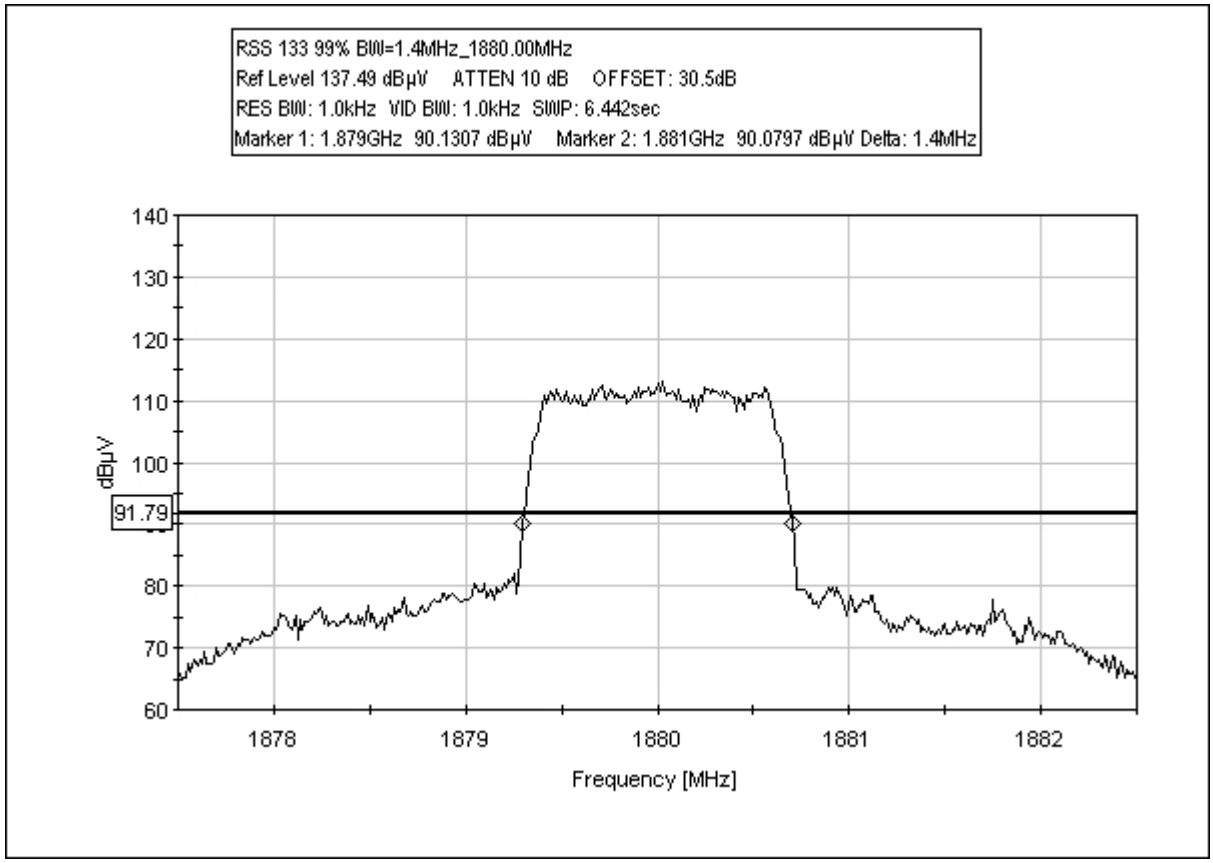
RSS-129 99% BANDWIDTH: 848.97 MHz



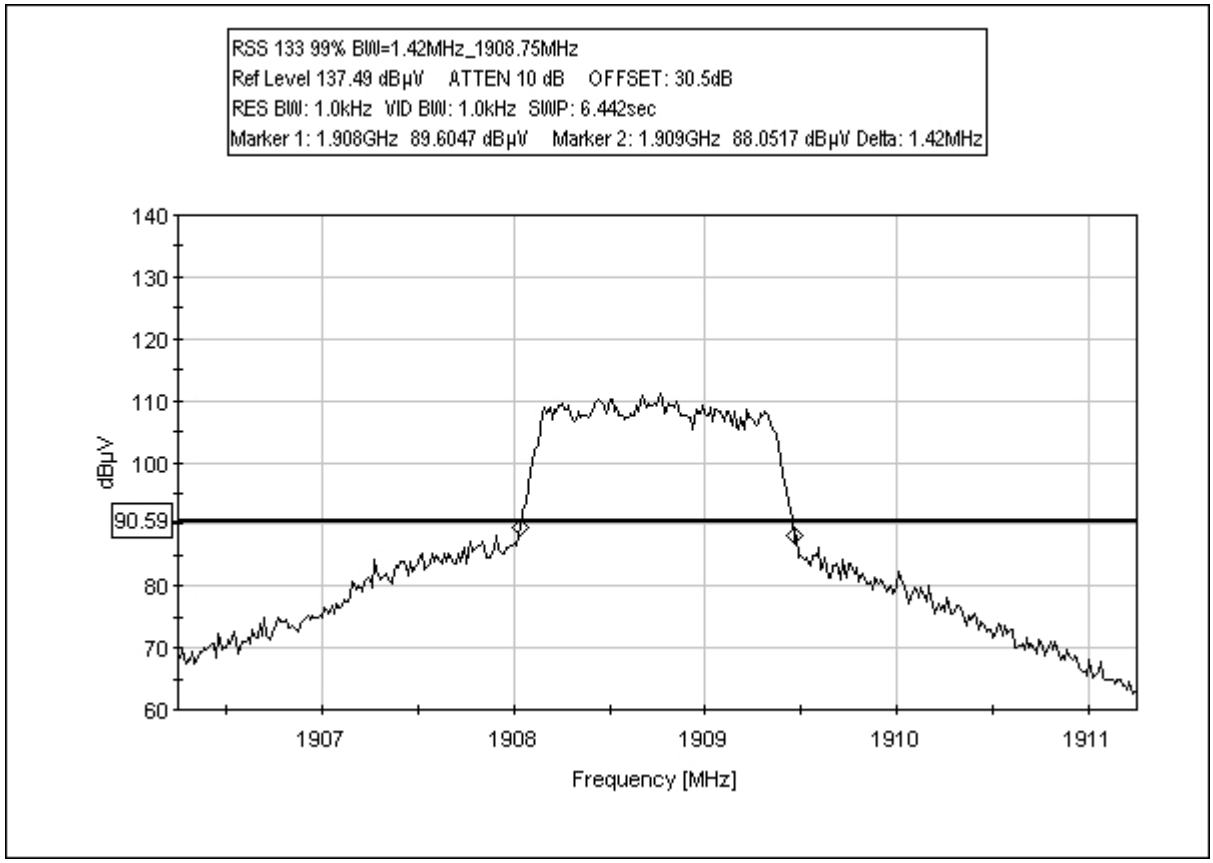
RSS-133 99% BANDWIDTH: 1851.25 MHz



RSS-133 99% BANDWIDTH: 1880.00 MHz



RSS-133 99% BANDWIDTH: 1908.75 MHz



Test Equipment

Spectrum Analyzer	02467	Agilent	E7405A	US40240225	033103	033105

PHOTOGRAPH SHOWING DIRECT CONNECT TEST SETUP