



TESTING

CERT #803.01, 803.02, 803.05, 803.06

CADWELL INDUSTRIES, INC. TEST REPORT

FOR THE

ELECTRONEURODIAGNOSTIC MONITORING SYSTEM, EASY WIRELESS EEG

FCC PART 15 SUBPART B SECTIONS 15.107 AND 15.109 CLASS A

TESTING

DATE OF ISSUE: MAY 26, 2009

PREPARED FOR: PREPARED BY:

Cadwell Industries, Inc.

909 N. Kellogg St.

Kennewick, WA 99336

Mary Ellen Clayton

CKC Laboratories, Inc.

5046 Sierra Pines Drive

Mariposa, CA 95338

P.O. No.: 15409 Date of test: March 16, 2009

W.O. No.: 89236

Report No.: FC09-080

This report contains a total of 21 pages and may be reproduced in full only. Partial reproduction may only be done with the written consent of CKC Laboratories, Inc. The results in this report apply only to the items tested, as identified herein.

Page 1 of 21 Report No.: FC09-080



TABLE OF CONTENTS

| Administrative Information | 3 |
|--|----|
| Approvals | 3 |
| Site File Registration Numbers | 3 |
| Summary of Results | |
| Conditions During Testing | 4 |
| Equipment Under Test (EUT) Description | |
| Equipment Under Test | 4 |
| Peripheral Devices | |
| * | Er |
| ror! Bookmark not defined. | |
| Measurement Uncertainties | 5 |
| Report of Emissions Measurements | 5 |
| Testing Parameters | |
| Conducted Emissions | |
| Radiated Emissions | 15 |
| | |

Page 2 of 21 Report No.: FC09-080



ADMINISTRATIVE INFORMATION

DATE OF TEST: March 16, 2009 **DATE OF RECEIPT:** March 16, 2009

REPRESENTATIVE: Chris Bolkan

MANUFACTURER: Cadwell Industries, Inc. 909 N. Kellogg St. Kennewick, WA 99336 TEST LOCATION: CKC Laboratories, Inc. 22116 23rd Drive S.E., Suite A Bothell, WA 98021-4413

TEST METHOD: ANSI C63.4 (2003)

PURPOSE OF TEST: To perform testing of the Electroneurodiagnostic Monitoring System, Easy Wireless EEG with the requirements for FCC Part 15 Subpart B Sections 15.107 and 15.109 Class A devices.

APPROVALS

QUALITY ASSURANCE:

Steve of Bel

TEST PERSONNEL:

Steve Behm, Director of Engineering Services

Armando Del Angel, Test Engineer

Donald Jones, Senior EMC Engineer / Lab

Manager

SITE FILE REGISTRATION NUMBERS

| Location | Japan | Canada | FCC |
|----------|-------------------------|---------|--------|
| Bothell | R-2296, C-2506 & T-1489 | 3082C-1 | 318736 |

Page 3 of 21 Report No.: FC09-080



SUMMARY OF RESULTS

| Test | Specification | Results |
|---------------------|--|---------|
| | | |
| Conducted Emissions | FCC Part 15 Subpart B Section 15.107 Class A | Pass |
| | | |
| Radiated Emissions | FCC Part 15 Subpart B Section 15.109 Class A | Pass |

CONDITIONS DURING TESTING

No modifications to the EUT were necessary during testing.

EQUIPMENT UNDER TEST (EUT) DESCRIPTION

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

EQUIPMENT UNDER TEST

Electroneurodiagnostic Monitoring System

Manuf: Cadwell Industries, Inc. Model: Easy Wireless EEG

Serial: ENG001

Electroneurodiagnostic Monitoring System is comprised of the following items:

Easy Net 32Channel Amp

Manuf: Cadwell Industries, Inc.

Model: 32 Channel EEG Easynet amp

Serial: ENG1

Easy Net Microphone

Manuf: Cadwell Industries, Inc.

Model: NA

Serial: NA

Battery 3.3VDC

Manuf: Cadwell Industries, Inc.

Model: AVT-900689 Serial: 349000-200

Easy Wireless Recorder

Manuf: Cadwell Industries, Inc.

Model: Easy Wireless s

Serial: ENG001

Power/Com Module

Manuf: Cadwell Industries, Inc.
Model: Easy III power/com module

Serial: 0709PX51-00-001

Page 4 of 21 Report No.: FC09-080



MEASUREMENT UNCERTAINTIES

| Uncertainty Value | Parameter |
|--------------------------|---------------------------|
| 4.73 dB | Radiated Emissions |
| 3.34 dB | Mains Conducted Emissions |
| 3.30 dB | Disturbance Power |

The reported measurement uncertainties are calculated based on the worst case of all laboratory environments from CKC Laboratories, Inc. test sites. Only those parameters which require estimation of measurement uncertainty are reported. The reported worst case measurement uncertainty is less than the maximum values derived in CISPR 16-4-2. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k=2. Compliance is deemed to occur provided measurements are below the specified limits.

REPORT OF EMISSIONS MEASUREMENTS

TESTING PARAMETERS

The cables were routed consistent with the typical application by varying the configuration of the test sample. Interface cables were connected to the available ports of the test unit. The effect of varying the position of the cables was investigated to find the configuration that produced maximum emissions. Cables were of the type and length specified in the individual requirements. The length of cable that produced maximum emissions was selected.

The equipment under test (EUT) was set up in a manner that represented its normal use, as shown in the setup photographs. Any special conditions required for the EUT to operate normally are identified in the comments that accompany the emissions tables.

The emissions data was taken with a spectrum analyzer or receiver. Incorporating the applicable correction factors for distance, antenna, cable loss and amplifier gain, the data was reduced as shown in the table below. The corrected data was then compared to the applicable emission limits. Preliminary and final measurements were taken in order to ensure that all emissions from the EUT were found and maximized.

CORRECTION FACTORS

The basic spectrum analyzer reading was converted using correction factors as shown in the highest emissions readings in the tables. For radiated emissions in $dB\mu V/m$, the spectrum analyzer reading in $dB\mu V$ was corrected by using the following formula. This reading was then compared to the applicable specification limit.

Page 5 of 21 Report No.: FC09-080



| | SAMPLE CALCULA | TIONS | | | | | | | |
|---|----------------------|---------------|--|--|--|--|--|--|--|
| | Meter reading (dBµV) | | | | | | | | |
| + | Antenna Factor | (dB) | | | | | | | |
| + | Cable Loss | (dB) | | | | | | | |
| - | Distance Correction | (dB) | | | | | | | |
| _ | Preamplifier Gain | (dB) | | | | | | | |
| = | Corrected Reading | $(dB\mu V/m)$ | | | | | | | |

TEST INSTRUMENTATION AND ANALYZER SETTINGS

The test instrumentation and equipment listed were used to collect the emissions data. A spectrum analyzer or receiver was used for all measurements. The following table shows the measuring equipment bandwidth settings that were used in designated frequency bands. For testing emissions, an appropriate reference level and a vertical scale size of 10 dB per division were used. When conducted emissions testing was performed, a 10 dB external attenuator was used with internal offset correction in the analyzer.

| MEASURING EQUIPMENT BANDWIDTH SETTINGS PER FREQUENCY RANGE | | | | | | | | |
|--|---------------------|------------------|-------------------|--|--|--|--|--|
| TEST | BEGINNING FREQUENCY | ENDING FREQUENCY | BANDWIDTH SETTING | | | | | |
| CONDUCTED EMISSIONS | 150 kHz | 30 MHz | 9 kHz | | | | | |
| RADIATED EMISSIONS | 30 MHz | 1000 MHz | 120 kHz | | | | | |
| RADIATED EMISSIONS | 1000 MHz | >1 GHz | 1 MHz | | | | | |

SPECTRUM ANALYZER/RECEIVER DETECTOR FUNCTIONS

The notes that accompany the measurements contained in the emissions tables indicate the type of detector function used to obtain the given readings. Unless otherwise noted, all readings were made in the "Peak" mode. Whenever a "Quasi-Peak" or "Average" reading is listed as one of the highest readings, this is indicated as a "QP" or an "Ave" on the appropriate rows of the data sheets. The following paragraphs describe in more detail the detector functions and when they were used to obtain the emissions data.

Peak

In this mode, the spectrum analyzer/receiver readings recorded all emissions at their peak value as the frequency band selected was scanned. By combining this function with another feature of the measuring device called "peak hold," the measuring device had the ability to measure transients or low duty cycle transient emission peak levels. In this mode the measuring device made a slow scan across the frequency band selected and measured the peak emission value found at each frequency across the band.

Quasi-Peak

When the true peak values exceeded or were within 2 dB of the specification limit, quasi-peak measurements were taken using the quasi-peak detector.

Average

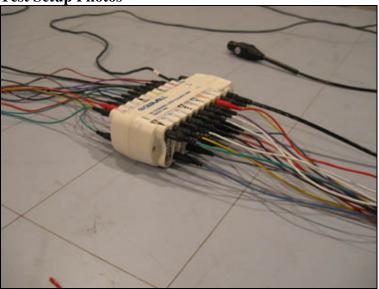
For certain frequencies, average measurements may be made using the spectrum analyzer/receiver. To make these measurements, the test engineer reduces the video bandwidth on the measuring device until the modulation of the signal is filtered out. At this point the measuring device is set into the linear mode and the scan time is reduced.

Page 6 of 21 Report No.: FC09-080



CONDUCTED EMISSIONS

Test Setup Photos





Page 7 of 21 Report No.: FC09-080







Page 8 of 21 Report No.: FC09-080



Test Data Sheets

Test Location: CKC Laboratories •22116 23rd Dr SE • Bothell, WA 98021-4413 • 425-402-1717

Customer: Cadwell Industries

Specification: FCC 15.107(b) Class A - AVE

Work Order #: 89236 Date: 3/16/2009
Test Type: Conducted Emissions Time: 3:33:13 PM

Equipment: Electroneurodiagnostic monitoring Sequence#: 6

system

Manufacturer: Cadwell Tested By: Armando Del Angel

Model: Easy Wireless EEG 110V 60Hz

S/N: ENG001

Test Equipment:

| Function | S/N | Calibration Date | Cal Due Date | Asset # |
|----------------|------------|------------------|--------------|----------|
| Agilent E4440A | MY46186330 | 01/31/2008 | 01/31/2010 | AN02872 |
| Cable 30' | 11 | 11/05/2008 | 11/05/2010 | ANP05366 |
| Cable 6' | 49 | 11/10/2008 | 11/10/2010 | ANP05371 |
| Cable 20' | 16 | 11/10/2008 | 11/10/2010 | ANP05360 |
| Attenuator | 9912 | 03/21/2008 | 03/21/2010 | ANP05503 |
| Filter | G7752 | 07/21/2008 | 07/21/2010 | AN02611 |
| EMCO LISN | 9606-1049 | 06/01/2007 | 06/01/2009 | AN01492 |

Equipment Under Test (* = EUT):

| Equipment Citates Test (| 201). | | |
|---|--------------|----------------------------|-----------------|
| Function | Manufacturer | Model # | S/N |
| Easy Net 32ch Amp | Cadwell | 32 Channel EEG Easynet amp | ENG1 |
| Easy Wireless recorder | Cadwell | Easy Wireless s | ENG001 |
| Electroneurodiagnostic monitoring system* | Cadwell | Easy Wireless EEG | ENG001 |
| Easy Net Microphone | Cadwell | N/A | N/A |
| Power/Com Module | Cadwell | Easy III power/com module | 0709PX51-00-001 |
| Battery 3.3Vdc | Cadwell | AVT-900689 | 349000-200 |

Support Devices:

| Support Bertees. | | | | |
|------------------|--------------|---------|-----|--|
| Function | Manufacturer | Model # | S/N | |

Test Conditions / Notes:

Temp: $= 23^{\circ}C$

Rel. Humidity = 26%

Atm. Pressure = 101.9kPa

Testing Conducted Emissions per FCC 15.107 Class A

EUT's are located in the Test table.

They are connected in the following order:

Power/Com Module - Easy Wireless recorder (with battery) - Easy net 32ch amp - Easy net microphone

The power is 230/50 VAC

And the Power/Com module is also connected to a support computer in the outside of the chamber.

EUT is in operational mode.

Page 9 of 21 Report No.: FC09-080



Transducer Legend:

| T1=CAB-ANP05371 | T2=FIL-AN02611-072108 |
|-----------------|------------------------------|
| T3=CAB-ANP05366 | T4=ATT-ANP5503-032108 |
| T5=CAB-ANP05360 | T6=CDN-AN01492-060107 - Line |

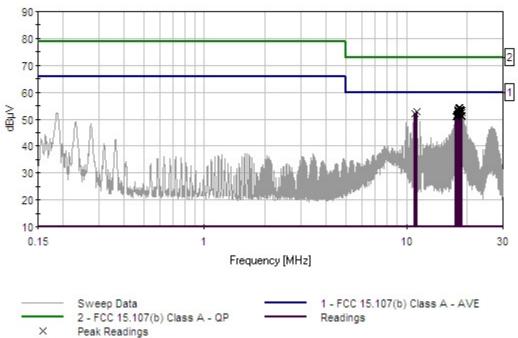
| Measur | ement Data: | Re | eading lis | ted by ma | ırgin. | | Test Lead: Line | | | | |
|--------|-----------------|------|--------------|--------------|--------|---------|------------------|--------------|------|--------|--------|
| # | Freq | Rdng | T1 | T2 | Т3 | T4 | Dist | Corr | Spec | Margin | Polar |
| | • | | T5 | T6 | | | | | • | | |
| | MHz | dΒμV | dB | dB | dB | dB | Table | dΒμV | dΒμV | dB | Ant |
| 1 | 18.274M | 42.3 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 54.4 | 60.0 | -5.6 | Line |
| | | | +0.3 | +1.0 | | | | | | | |
| 2 | 18.184M | 42.1 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 54.2 | 60.0 | -5.8 | Line |
| | | | +0.3 | +1.0 | | | | | | | |
| 3 | 18.319M | 42.1 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 54.2 | 60.0 | -5.8 | Line |
| | | | +0.3 | +1.0 | | | | | | | |
| 4 | 18.139M | 41.9 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 54.0 | 60.0 | -6.0 | Line |
| | | | +0.3 | +1.0 | | | | | | | |
| 5 | 18.229M | 41.9 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 54.0 | 60.0 | -6.0 | Line |
| | | | +0.3 | +1.0 | | | | | | | |
| 6 | 18.094M | 41.8 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 53.9 | 60.0 | -6.1 | Line |
| | | | +0.3 | +1.0 | | | | | | | |
| 7 | 18.409M | 41.6 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 53.7 | 60.0 | -6.3 | Line |
| | | | +0.3 | +1.0 | | | | | | | |
| 8 | 18.454M | 41.6 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 53.7 | 60.0 | -6.3 | Line |
| | | | +0.3 | +1.0 | | | | | | | |
| 9 | 18.589M | 41.7 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 53.7 | 60.0 | -6.3 | Line |
| | | | +0.3 | +1.0 | | | | | | | |
| 10 | 18.049M | 41.5 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 53.6 | 60.0 | -6.4 | Line |
| | | | +0.3 | +1.0 | | | | | | | |
| 11 | 18.364M | 41.5 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 53.6 | 60.0 | -6.4 | Line |
| | | | +0.3 | +1.0 | | | | | | | |
| 12 | 18.544M | 41.6 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 53.6 | 60.0 | -6.4 | Line |
| 10 | 10.00434 | 41.2 | +0.3 | +1.0 | 0.2 | 10.1 | 0.0 | 50.0 | 60.0 | 6.7 | T . |
| 13 | 18.004M | 41.2 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 53.3 | 60.0 | -6.7 | Line |
| 1.4 | 10.62434 | 41.2 | +0.3 | +1.0 | . 0. 2 | . 10.1 | . 0. 0 | 52.0 | 60.0 | | т. |
| 14 | 18.634M | 41.2 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 53.2 | 60.0 | -6.8 | Line |
| 1.5 | 10.40014 | 41.0 | +0.3 | +1.0 | .0.2 | . 10 1 | .00 | <i>52.</i> 0 | 60.0 | 7.0 | T in a |
| 15 | 18.499M | 41.0 | +0.2 +0.3 | +0.1 | +0.3 | +10.1 | +0.0 | 53.0 | 60.0 | -7.0 | Line |
| 16 | 19.670M | 41.0 | | +1.0 | +0.3 | . 10. 1 | +0.0 | 53.0 | 60.0 | -7.0 | T : |
| 16 | 18.679M | 41.0 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 33.0 | 00.0 | -7.0 | Line |
| 17 | 18.725M | 41.0 | +0.3 | +1.0 | +0.3 | +10.1 | +0.0 | 53.0 | 60.0 | -7.0 | Line |
| 1 / | 18.723WI | 41.0 | | | +0.3 | +10.1 | +0.0 | 33.0 | 00.0 | -7.0 | Line |
| 10 | 11 247M | 41.0 | +0.3 | +1.0 | 10.2 | + 10 O | ٠,٥,٥ | 52.0 | 60.0 | 7 1 | Lina |
| 18 | 11.247M | 41.9 | +0.1 +0.2 | +0.1 +0.4 | +0.2 | +10.0 | +0.0 | 52.9 | 60.0 | -7.1 | Line |
| 19 | 17.959M | 40.8 | +0.2 | +0.4 | +0.3 | +10.1 | +0.0 | 52.9 | 60.0 | -7.1 | Line |
| 19 | 1 / . 7 J 7 IVI | 40.8 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 32.9 | 00.0 | -/.1 | Lille |
| 20 | 18.815M | 40.6 | +0.3 | +0.1 | +0.3 | +10.1 | +0.0 | 52.6 | 60.0 | -7.4 | Line |
| 20 | 10.0131 | 40.0 | +0.2 | +1.0 | +0.3 | +10.1 | + 0.0 | 32.0 | 00.0 | -/.4 | LIIIC |
| | | | +0.5 | +1.0 | | | | | | | |

Page 10 of 21 Report No.: FC09-080



| 21 | 18.770M | 40.3 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 52.3 | 60.0 | -7.7 | Line |
|----|---------|------|------|------|------|-------|------|------|------|------|------|
| | | | +0.3 | +1.0 | | | | | | | |
| 22 | 11.067M | 41.1 | +0.1 | +0.1 | +0.2 | +10.0 | +0.0 | 52.1 | 60.0 | -7.9 | Line |
| | | | +0.2 | +0.4 | | | | | | | |
| 23 | 17.869M | 39.9 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 51.9 | 60.0 | -8.1 | Line |
| | | | +0.3 | +0.9 | | | | | | | |
| 24 | 17.914M | 39.8 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 51.8 | 60.0 | -8.2 | Line |
| | | | +0.3 | +0.9 | | | | | | | |
| 25 | 17.779M | 39.6 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 51.6 | 60.0 | -8.4 | Line |
| | | | +0.3 | +0.9 | | | | | | | |
| 26 | 18.860M | 39.4 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 51.4 | 60.0 | -8.6 | Line |
| | | | +0.3 | +1.0 | | | | | | | |
| 27 | 17.734M | 39.3 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 51.3 | 60.0 | -8.7 | Line |
| | | | +0.3 | +0.9 | | | | | | | |
| 28 | 17.824M | 39.1 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 51.1 | 60.0 | -8.9 | Line |
| | | | +0.3 | +0.9 | | | | | | | |
| 29 | 18.905M | 39.0 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 51.0 | 60.0 | -9.0 | Line |
| | | | +0.3 | +1.0 | | | | | | | |
| 30 | 17.643M | 38.8 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 50.8 | 60.0 | -9.2 | Line |
| | | | +0.3 | +0.9 | | | | | | | |

CKC Laboratories Date: 3/16/2009 Time: 3:33:13 PM Cadwell Industries WO#: 89236 FCC 15.107(b) Class A - AVE Test Lead: Line 110V 60Hz Sequence#: 6 Polarity: Line Notes:





Test Location: CKC Laboratories •22116 23rd Dr SE • Bothell, WA 98021-4413 • 425-402-1717

Customer: Cadwell Industries

Specification: FCC 15.107(b) Class A - AVE

Easy Wireless EEG

Work Order #: **89236** Date: 3/16/2009 Test Type: **Conducted Emissions** Time: 3:26:34 PM

Equipment: Electroneurodiagnostic monitoring Sequence#: 5

system

Manufacturer: Cadwell Tested By: Armando Del Angel

110V 60Hz

S/N: ENG001

Test Equipment:

Model:

| I ost Equipment. | | | | | |
|------------------|------------|------------------|--------------|----------|--|
| Function | S/N | Calibration Date | Cal Due Date | Asset # | |
| Agilent E4440A | MY46186330 | 01/31/2008 | 01/31/2010 | AN02872 | |
| Cable 30' | 11 | 11/05/2008 | 11/05/2010 | ANP05366 | |
| Cable 6' | 49 | 11/10/2008 | 11/10/2010 | ANP05371 | |
| Cable 20' | 16 | 11/10/2008 | 11/10/2010 | ANP05360 | |
| Attenuator | 9912 | 03/21/2008 | 03/21/2010 | ANP05503 | |
| Filter | G7752 | 07/21/2008 | 07/21/2010 | AN02611 | |
| EMCO LISN | 9606-1049 | 06/01/2007 | 06/01/2009 | AN01492 | |

Equipment Under Test (* = EUT):

| Function | Manufacturer | Model # | S/N |
|------------------------|--------------|----------------------------|-----------------|
| Easy Net 32ch Amp | Cadwell | 32 Channel EEG Easynet amp | ENG1 |
| Easy Wireless recorder | Cadwell | Easy Wireless s | ENG001 |
| Electroneurodiagnostic | Cadwell | Easy Wireless EEG | ENG001 |
| monitoring system* | | | |
| Easy Net Microphone | Cadwell | N/A | N/A |
| Power/Com Module | Cadwell | Easy III power/com module | 0709PX51-00-001 |
| Battery 3.3Vdc | Cadwell | AVT-900689 | 349000-200 |

Support Devices:

| Function | Manufacturer | Model # | S/N |
|-------------|-----------------|------------|------|
| 1 direction | 1,1411414614161 | 1110401 11 | 5/11 |

Test Conditions / Notes:

Temp: $= 23^{\circ}C$

Rel. Humidity = 26%

Atm. Pressure = 101.9kPa

Testing Conducted Emissions per FCC 15.107 Class A

EUT's are located in the Test table.

They are connected in the following order:

Power/Com Module - Easy Wireless recorder (with battery) - Easy net 32ch amp - Easy net microphone

The power is 230/50 VAC

And the Power/Com module is also connected to a support computer in the outside of the chamber.

EUT is in operational mode.

Page 12 of 21 Report No.: FC09-080



Transducer Legend:

| T1=CAB-ANP05371 | T2=FIL-AN02611-072108 |
|-----------------|---------------------------------|
| T3=CAB-ANP05366 | T4=ATT-ANP5503-032108 |
| T5=CAB-ANP05360 | T6=CDN-AN01492-060107 - Neutral |

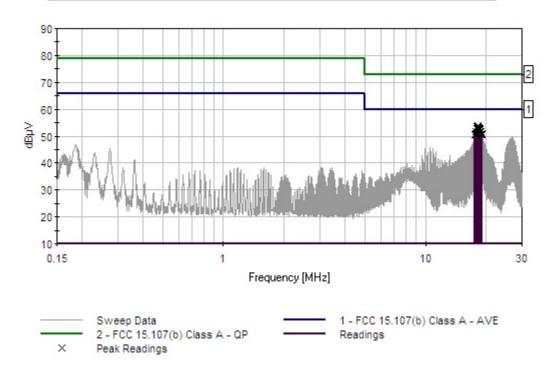
| Measur | ement Data: | Re | eading lis | ted by ma | argin. | | | Test Lea | d: Neutral | | |
|--------|----------------|------|--------------|-----------|--------|--------|--------|--------------|------------|--------|--------|
| # | Freq | Rdng | T1 | T2 | T3 | T4 | Dist | Corr | Spec | Margin | Polar |
| | | | T5 | T6 | | | | | | | |
| | MHz | dΒμV | dB | dB | dB | dB | Table | dΒμV | dΒμV | dB | Ant |
| 1 | 18.265M | 41.6 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 53.8 | 60.0 | -6.2 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 2 | 18.184M | 41.5 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 53.7 | 60.0 | -6.3 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 3 | 18.040M | 41.3 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 53.5 | 60.0 | -6.5 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 4 | 18.085M | 41.2 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 53.4 | 60.0 | -6.6 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 5 | 18.310M | 41.0 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 53.2 | 60.0 | -6.8 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 6 | 18.220M | 40.9 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 53.1 | 60.0 | -6.9 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 7 | 18.355M | 40.7 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 52.9 | 60.0 | -7.1 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 8 | 18.499M | 40.8 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 52.9 | 60.0 | -7.1 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 9 | 18.535M | 40.8 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 52.9 | 60.0 | -7.1 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 10 | 17.995M | 40.6 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 52.8 | 60.0 | -7.2 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 11 | 17.950M | 40.5 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 52.7 | 60.0 | -7.3 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 12 | 18.130M | 40.5 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 52.7 | 60.0 | -7.3 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 13 | 18.580M | 40.5 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 52.6 | 60.0 | -7.4 | Neutr |
| | | 10.5 | +0.3 | +1.1 | | | | | | | |
| 14 | 18.625M | 40.2 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 52.3 | 60.0 | -7.7 | Neutr |
| 1.7 | 10 4453 5 | 40.0 | +0.3 | +1.1 | 0.2 | 10.1 | 0.0 | 50.0 | 60.0 | 7.0 | NT . |
| 15 | 18.445M | 40.0 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 52.2 | 60.0 | -7.8 | Neutr |
| 1.6 | 10.4003.4 | 20.0 | +0.3 | +1.1 | . 0. 2 | . 10.1 | . 0. 0 | <i>5</i> 0.1 | 60.0 | 7.0 | NT / |
| 16 | 18.400M | 39.9 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 52.1 | 60.0 | -7.9 | Neutr |
| 17 | 18.670M | 39.7 | +0.3 | +1.1 | +0.3 | +10.1 | 100 | 51.8 | 60.0 | -8.2 | Monte |
| 1 / | 18.070M | 39.7 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 31.8 | 60.0 | -8.2 | Neutr |
| 10 | 10 716N/ | 20.7 | +0.3 | +1.1 | 10.2 | +10.1 | 100 | 51.0 | 60.0 | 0.2 | Monte |
| 18 | 18.716M | 39.7 | +0.2 +0.3 | +0.1 | +0.3 | +10.1 | +0.0 | 51.8 | 60.0 | -8.2 | Neutr |
| 10 | 17 725N4 | 20.4 | | +1.1 | 10.2 | +10.1 | 100 | 51.6 | 60.0 | 0.1 | Monte |
| 19 | 17.725M | 39.4 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 51.6 | 60.0 | -8.4 | Neutr |
| 20 | 17.770M | 39.3 | +0.3 | +1.1 | 10.2 | +10.1 | +0.0 | 51.5 | 60.0 | -8.5 | Neutr |
| 20 | 1 / . / / UIVI | 39.3 | | | +0.3 | +10.1 | +0.0 | 51.5 | 00.0 | -8.3 | INCULI |
| | | | +0.3 | +1.1 | | | | | | | |

Page 13 of 21 Report No.: FC09-080



| 21 | 18.770M | 39.4 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 51.5 | 60.0 | -8.5 | Neutr |
|----|---------|------|------|------|------|-------|------|------|------|------|-------|
| | | | +0.3 | +1.1 | | | | | | | |
| 22 | 17.860M | 38.8 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 51.0 | 60.0 | -9.0 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 23 | 17.905M | 38.8 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 51.0 | 60.0 | -9.0 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 24 | 19.085M | 38.8 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 51.0 | 60.0 | -9.0 | Neutr |
| | | | +0.3 | +1.2 | | | | | | | |
| 25 | 17.679M | 38.7 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 50.9 | 60.0 | -9.1 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 26 | 17.634M | 38.5 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 50.7 | 60.0 | -9.3 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 27 | 18.806M | 38.6 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 50.7 | 60.0 | -9.3 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 28 | 18.851M | 38.6 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 50.7 | 60.0 | -9.3 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 29 | 18.950M | 38.6 | +0.2 | +0.1 | +0.3 | +10.1 | +0.0 | 50.7 | 60.0 | -9.3 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |
| 30 | 17.815M | 38.3 | +0.2 | +0.2 | +0.3 | +10.1 | +0.0 | 50.5 | 60.0 | -9.5 | Neutr |
| | | | +0.3 | +1.1 | | | | | | | |

CKC Laboratories Date: 3/16/2009 Time: 3:26:34 PM Cadwell Industries WO#: 89236 FCC 15.107(b) Class A - AVE Test Lead: Neutral 110V 60Hz Sequence#: 5 Polarity: Neutral Notes:

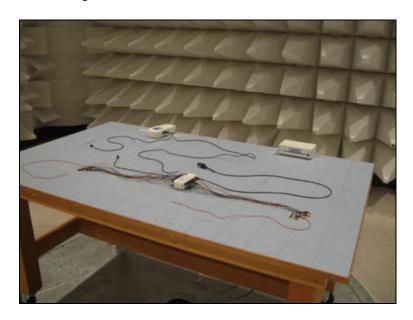


Page 14 of 21 Report No.: FC09-080



RADIATED EMISSIONS

Test Setup Photos





Page 15 of 21 Report No.: FC09-080



Test Data Sheets

Test Location: CKC Laboratories •22116 23rd Dr SE • Bothell, WA 98021-4413 • 425-402-1717

Customer: Cadwell Industries
Specification: 15.109 CLASS A

Work Order #: 89236 Date: 3/16/2009
Test Type: Radiated Scan Time: 14:25:27
Equipment: Electroneurodiagnostic monitoring Sequence#: 1

system

Manufacturer: Cadwell Tested By: Armando Del Angel

Model: Easy Wireless EEG

S/N: ENG001

Test Equipment:

| Function | S/N | Calibration Date | Cal Due Date | Asset # |
|-----------------|------------|------------------|--------------|----------|
| HP 8447D Preamp | 2944A08601 | 07/08/2008 | 07/08/2010 | AN01517 |
| Agilent E4440A | MY46186330 | 01/31/2008 | 01/31/2010 | AN02872 |
| Cable 6' | 51 | 12/30/2008 | 12/30/2010 | ANP05361 |
| Antenna | 2453 | 12/22/2008 | 12/22/2010 | AN01994 |
| Cable 30' | 11 | 11/05/2008 | 11/05/2010 | ANP05366 |
| Cable 6' | 49 | 11/10/2008 | 11/10/2010 | ANP05371 |
| Cable 20' | 16 | 11/10/2008 | 11/10/2010 | ANP05360 |

Equipment Under Test (* = EUT):

| Function | Manufacturer | Model # | S/N |
|---|--------------|----------------------------|-----------------|
| Easy Net 32ch Amp | Cadwell | 32 Channel EEG Easynet amp | ENG1 |
| Easy Wireless recorder | Cadwell | Easy Wireless s | ENG001 |
| Electroneurodiagnostic monitoring system* | Cadwell | Easy Wireless EEG | ENG001 |
| Easy Net Microphone | Cadwell | N/A | N/A |
| Power/Com Module | Cadwell | Easy III power/com module | 0709PX51-00-001 |
| Battery 3.3Vdc | Cadwell | AVT-900689 | 349000-200 |

Support Devices:

| Function | Manufacturer | Model # | S/N | |
|----------|--------------|-----------|------|--|
| 1 uncuon | Manufacturer | Ινίους: π | 5/19 | |

Test Conditions / Notes:

Temp: $= 23^{\circ}C$

Rel. Humidity = 26% Atm. Pressure = 101.9kPa

Testing Radiated Emissions per FCC 15.109 A

EUT's are located in the Test table.

They are connected in the following order:

Power/Com Module - Easy Wireless recorder (with battery) - Easy net 32ch amp - Easy net microphone

The power is 230/50 VAC

And the Power/Com module is also connected to a support computer in the outside of the chamber.

EUT is in operational mode.

Page 16 of 21 Report No.: FC09-080



Transducer Legend:
T1=AMP-AN01517-070808 T2=ANT AN01994 25-1000MHz

T3=CAB-ANP05360 T4=CAB-ANP05361 T5=CAB-ANP05366 T6=CAB-ANP05371

| Measu | rement Data: | Re | eading lis | ted by ma | argin. | | Те | est Distance | e: 3 Meters | l . | |
|-------|--------------|------|------------|-----------|--------|------|-------|--------------|-------------|--------|-------|
| # | Freq | Rdng | T1 | T2 | T3 | T4 | Dist | Corr | Spec | Margin | Polar |
| | | | T5 | T6 | | | | | | | |
| | MHz | dΒμV | dB | dB | dB | dB | Table | dBµV/m | dBμV/m | dB | Ant |
| 1 | 31.967M | 45.1 | -29.2 | +19.8 | +0.3 | +0.1 | -10.0 | 26.6 | 39.1 | -12.5 | Vert |
| | QP | | +0.3 | +0.2 | | | 180 | | | | 117 |
| ٨ | 31.967M | 52.6 | -29.2 | +19.8 | +0.3 | +0.1 | -10.0 | 34.1 | 39.1 | -5.0 | Vert |
| | | | +0.3 | +0.2 | | | 180 | | | | 117 |
| 3 | 67.800M | 57.8 | -29.2 | +6.0 | +0.5 | +0.1 | -10.0 | 25.9 | 39.1 | -13.2 | Vert |
| | | | +0.5 | +0.2 | | | 360 | | | | 130 |
| 4 | 67.001M | 57.9 | -29.2 | +5.9 | +0.4 | +0.1 | -10.0 | 25.6 | 39.1 | -13.5 | Vert |
| | | | +0.4 | +0.1 | | | 360 | | | | 130 |
| 5 | 68.665M | 56.6 | -29.2 | +6.2 | +0.5 | +0.1 | -10.0 | 24.9 | 39.1 | -14.2 | Vert |
| | | | +0.5 | +0.2 | | | 360 | | | | 130 |
| 6 | 39.982M | 47.7 | -29.1 | +15.1 | +0.4 | +0.1 | -10.0 | 24.7 | 39.1 | -14.4 | Vert |
| | | | +0.4 | +0.1 | | | 360 | | | | 130 |
| 7 | 66.136M | 56.3 | -29.2 | +5.7 | +0.4 | +0.1 | -10.0 | 23.8 | 39.1 | -15.3 | Vert |
| | | | +0.4 | +0.1 | | | 360 | | | | 130 |
| 8 | 199.852M | 55.2 | -28.8 | +9.1 | +0.9 | +0.2 | -10.0 | 27.9 | 43.5 | -15.6 | Vert |
| | | | +1.0 | +0.3 | | | 360 | | | | 130 |
| 9 | 215.948M | 53.4 | -28.7 | +10.3 | +0.9 | +0.2 | -10.0 | 27.4 | 43.5 | -16.1 | Vert |
| | | | +1.0 | +0.3 | | | 360 | | | | 130 |
| 10 | 123.936M | 52.7 | -29.0 | +11.7 | +0.7 | +0.2 | -10.0 | 27.3 | 43.5 | -16.2 | Vert |
| | | | +0.7 | +0.3 | | | 360 | | | | 130 |
| 11 | 211.864M | 53.3 | -28.7 | +10.0 | +0.9 | +0.2 | -10.0 | 27.0 | 43.5 | -16.5 | Vert |
| | | | +1.0 | +0.3 | | | 360 | | | | 130 |
| 12 | 69.530M | 54.1 | -29.2 | +6.3 | +0.5 | +0.1 | -10.0 | 22.5 | 39.1 | -16.6 | Vert |
| | | | +0.5 | +0.2 | | | 360 | | | | 130 |
| 13 | 203.936M | 53.9 | -28.8 | +9.4 | +0.9 | +0.2 | -10.0 | 26.9 | 43.5 | -16.6 | Vert |
| | | | +1.0 | +0.3 | | | 360 | | | | 130 |
| 14 | 116.008M | 52.7 | -29.0 | +11.4 | +0.6 | +0.2 | -10.0 | 26.8 | 43.5 | -16.7 | Vert |
| | | | +0.6 | +0.3 | | | 360 | | | | 130 |
| 15 | 208.020M | 53.3 | -28.7 | +9.7 | +0.9 | +0.2 | -10.0 | 26.7 | 43.5 | -16.8 | Vert |
| | | | +1.0 | +0.3 | | | 360 | | | | 130 |
| 16 | 64.472M | 54.9 | -29.2 | +5.4 | +0.4 | +0.1 | -10.0 | 22.1 | 39.1 | -17.0 | Vert |
| | | | +0.4 | +0.1 | | | 360 | | | | 130 |
| 17 | 83.971M | 51.8 | -29.1 | +8.0 | +0.5 | +0.1 | -10.0 | 22.0 | 39.1 | -17.1 | Vert |
| | | | +0.5 | +0.2 | | | 360 | | | | 130 |
| 18 | 131.984M | 51.5 | -29.0 | +11.7 | +0.7 | +0.2 | -10.0 | 26.1 | 43.5 | -17.4 | Vert |
| | | | +0.7 | +0.3 | | | 360 | | | | 130 |
| 19 | 235.888M | 53.2 | -28.6 | +11.8 | +1.0 | +0.2 | -10.0 | 29.0 | 46.4 | -17.4 | Vert |
| | | | +1.0 | +0.4 | | | 360 | 2 | | | 130 |
| 20 | 35.989M | 41.2 | -29.1 | +18.1 | +0.4 | +0.1 | -10.0 | 21.2 | 39.1 | -17.9 | Vert |
| | | | +0.4 | +0.1 | | | 360 | | | | 130 |

Page 17 of 21 Report No.: FC09-080



| 21 70.329M | 52.5 | -29.2 | +6.4 | +0.5 | +0.1 | -10.0 | 21.0 | 39.1 | -18.1 | Vert |
|-------------|------|-------|-------|------|------|-------|------|------|-------|------|
| | | +0.5 | +0.2 | | | 360 | | | | 130 |
| 22 71.926M | 52.3 | -29.2 | +6.6 | +0.5 | +0.1 | -10.0 | 21.0 | 39.1 | -18.1 | Vert |
| | | +0.5 | +0.2 | | | 360 | | | | 130 |
| 23 215.588M | 51.1 | -28.7 | +10.3 | +0.9 | +0.2 | -10.0 | 25.1 | 43.5 | -18.4 | Vert |
| | | +1.0 | +0.3 | | | 360 | | | | 130 |
| 24 227.960M | 52.9 | -28.6 | +11.2 | +0.9 | +0.2 | -10.0 | 27.9 | 46.4 | -18.5 | Vert |
| QP | | +1.0 | +0.3 | | | 90 | | | | 199 |
| ^ 227.960M | 61.6 | -28.6 | +11.2 | +0.9 | +0.2 | -10.0 | 36.6 | 46.4 | -9.8 | Vert |
| | | +1.0 | +0.3 | | | 90 | | | | 199 |
| 26 183.876M | 49.8 | -28.8 | +9.0 | +0.8 | +0.2 | -10.0 | 22.1 | 43.5 | -21.4 | Vert |
| QP | | +0.9 | +0.2 | | | 99 | | | | 200 |
| ^ 183.876M | 57.8 | -28.8 | +9.0 | +0.8 | +0.2 | -10.0 | 30.1 | 43.5 | -13.4 | Vert |
| | | +0.9 | +0.2 | | | 360 | | | | 130 |
| 28 220.393M | 48.3 | -28.6 | +10.7 | +0.9 | +0.2 | -10.0 | 22.8 | 46.4 | -23.6 | Vert |
| QP | | +1.0 | +0.3 | | | 90 | | | | 199 |
| ^ 220.393M | 56.6 | -28.6 | +10.7 | +0.9 | +0.2 | -10.0 | 31.1 | 46.4 | -15.3 | Vert |
| | | +1.0 | +0.3 | | | 360 | | | | 130 |
| 30 184.237M | 47.0 | -28.8 | +9.0 | +0.8 | +0.2 | -10.0 | 19.3 | 43.5 | -24.2 | Vert |
| QP | | +0.9 | +0.2 | | | 180 | | | | 99 |
| ^ 184.237M | 58.0 | -28.8 | +9.0 | +0.8 | +0.2 | -10.0 | 30.3 | 43.5 | -13.2 | Vert |
| | | +0.9 | +0.2 | | | 360 | | | | 130 |
| 32 168.141M | 43.4 | -28.8 | +9.9 | +0.8 | +0.2 | -10.0 | 16.6 | 43.5 | -26.9 | Vert |
| QP | | +0.9 | +0.2 | | | 99 | | | | 99 |
| ^ 168.141M | 56.7 | -28.8 | +9.9 | +0.8 | +0.2 | -10.0 | 29.9 | 43.5 | -13.6 | Vert |
| | | +0.9 | +0.2 | | | 360 | | | | 130 |
| 34 191.944M | 41.2 | -28.8 | +9.1 | +0.9 | +0.2 | -10.0 | 13.9 | 43.5 | -29.6 | Vert |
| QP | | +1.0 | +0.3 | | | 180 | | | | 99 |
| 35 176.088M | 38.8 | -28.8 | +9.2 | +0.8 | +0.2 | -10.0 | 11.3 | 43.5 | -32.2 | Vert |
| QP | | +0.9 | +0.2 | | | 180 | | | | 99 |
| ^ 176.088M | 56.5 | -28.8 | +9.2 | +0.8 | +0.2 | -10.0 | 29.0 | 43.5 | -14.5 | Vert |
| | | +0.9 | +0.2 | | | 360 | | | | 130 |
| | | | | | | | | | | |

Page 18 of 21 Report No.: FC09-080



Test Location: CKC Laboratories •22116 23rd Dr SE • Bothell, WA 98021-4413 • 425-402-1717

Customer: Cadwell Industries
Specification: 15.109 CLASS A

Work Order #: 89236 Date: 3/16/2009
Test Type: Radiated Scan Time: 14:44:11
Equipment: Electroneurodiagnostic monitoring Sequence#: 2

system

Manufacturer: Cadwell

Model: Easy Wireless EEG

S/N: ENG001

Test Equipment:

| resi Byuipmeni. | | | | | |
|-----------------|------------|------------------|--------------|----------|--|
| Function | S/N | Calibration Date | Cal Due Date | Asset # | |
| HP 8447D Preamp | 2944A08601 | 07/08/2008 | 07/08/2010 | AN01517 | |
| Agilent E4440A | MY46186330 | 01/31/2008 | 01/31/2010 | AN02872 | |
| Cable 6' | 51 | 12/30/2008 | 12/30/2010 | ANP05361 | |
| Antenna | 2453 | 12/22/2008 | 12/22/2010 | AN01994 | |
| Cable 30' | 11 | 11/05/2008 | 11/05/2010 | ANP05366 | |
| Cable 6' | 49 | 11/10/2008 | 11/10/2010 | ANP05371 | |
| Cable 20' | 16 | 11/10/2008 | 11/10/2010 | ANP05360 | |

Tested By: Armando Del Angel

Equipment Under Test (* = EUT):

| Function | Manufacturer | Model # | S/N | | |
|--------------------------------|--------------|----------------------------|-----------------|--|--|
| Easy Net 32ch Amp | Cadwell | 32 Channel EEG Easynet amp | ENG1 | | |
| Easy Wireless recorder | Cadwell | Easy Wireless s | ENG001 | | |
| Electroneurodiagnostic Cadwell | | Easy Wireless EEG | ENG001 | | |
| monitoring system* | | | | | |
| Easy Net Microphone | Cadwell | N/A | N/A | | |
| Power/Com Module | Cadwell | Easy III power/com module | 0709PX51-00-001 | | |
| Battery 3.3Vdc | Cadwell | AVT-900689 | 349000-200 | | |

Support Devices:

| Function | Manufacturer | Model # | S/N |
|----------|--------------|---------|-----|
| | | | |

Test Conditions / Notes:

Temp: $= 23^{\circ}C$

Rel. Humidity = 26% Atm. Pressure = 101.9kPa

Testing Radiated Emissions per EN60601-1-2 2007 Class A

EUT's are located in the Test table.

They are connected in the following order:

Power/Com Module - Easy Wireless recorder (with battery) - Easy net 32ch amp - Easy net microphone

The power is 230/50 VAC

And the Power/Com module is also connected to a support computer in the outside of the chamber.

EUT is in operational mode.

Page 19 of 21 Report No.: FC09-080



Transducer Legend:
T1=AMP-AN01517-070808 T2=ANT AN01994 25-1000MHz

T3=CAB-ANP05360 T4=CAB-ANP05361 T5=CAB-ANP05366 T6=CAB-ANP05371

| Measu | rement Data: | | | | Test Distance: 3 Meters | | | | | | |
|-------|--------------|-------------|---------------|---------------|-------------------------|--------|--------------|--------|--------|--------|--------------|
| # | Freq | Rdng | T1 | T2 | T3 | T4 | Dist | Corr | Spec | Margin | Polar |
| | | | T5 | T6 | | | | | | | |
| | MHz | dΒμV | dB | dB | dB | dB | Table | dBμV/m | dBμV/m | dB | Ant |
| 1 | 159.972M | 62.5 | -28.9 | +10.7 | +0.8 | +0.2 | -10.0 | 36.4 | 43.5 | -7.1 | Horiz |
| | | | +0.9 | +0.2 | | | 360 | | | | 130 |
| 2 | 208.621M | 62.8 | -28.7 | +9.8 | +0.9 | +0.2 | -10.0 | 36.3 | 43.5 | -7.2 | Horiz |
| | | | +1.0 | +0.3 | | | 360 | | | | 130 |
| 3 | 214.507M | 62.3 | -28.7 | +10.2 | +0.9 | +0.2 | -10.0 | 36.2 | 43.5 | -7.3 | Horiz |
| | | | +1.0 | +0.3 | | | 360 | | | | 130 |
| 4 | 147.960M | 60.3 | -28.9 | +11.4 | +0.7 | +0.2 | -10.0 | 34.8 | 43.5 | -8.7 | Horiz |
| | | | +0.8 | +0.3 | | | 360 | | | | 130 |
| 5 | 220.001M | 63.2 | -28.6 | +10.6 | +0.9 | +0.2 | -10.0 | 37.6 | 46.4 | -8.8 | Horiz |
| | QP | | +1.0 | +0.3 | | | 118 | | | | 127 |
| ^ | 220.001M | 71.3 | -28.6 | +10.6 | +0.9 | +0.2 | -10.0 | 45.7 | 46.4 | -0.7 | Horiz |
| | | | +1.0 | +0.3 | | | 118 | | | | 127 |
| 7 | 192.044M | 62.0 | -28.8 | +9.1 | +0.9 | +0.2 | -10.0 | 34.7 | 43.5 | -8.8 | Horiz |
| | | | +1.0 | +0.3 | | | 360 | | | | 130 |
| 8 | 168.020M | 61.4 | -28.8 | +9.9 | +0.8 | +0.2 | -10.0 | 34.6 | 43.5 | -8.9 | Horiz |
| | | | +0.9 | +0.2 | | | 360 | | | | 130 |
| 9 | 156.008M | 60.4 | -28.9 | +10.9 | +0.8 | +0.2 | -10.0 | 34.4 | 43.5 | -9.1 | Horiz |
| - 10 | | | +0.8 | +0.2 | | | 360 | | | | 130 |
| 10 | 213.666M | 60.1 | -28.7 | +10.2 | +0.9 | +0.2 | -10.0 | 34.0 | 43.5 | -9.5 | Horiz |
| | | | +1.0 | +0.3 | | | 360 | *** | | 0.5 | 130 |
| 11 | 228.080M | 61.8 | -28.6 | +11.2 | +0.9 | +0.2 | -10.0 | 36.8 | 46.4 | -9.6 | Horiz |
| | | | +1.0 | +0.3 | | | 360 | | | | 130 |
| 12 | 212.465M | 59.8 | -28.7 | +10.1 | +0.9 | +0.2 | -10.0 | 33.6 | 43.5 | -9.9 | Horiz |
| 12 | 101 00 17 5 | 60.1 | +1.0 | +0.3 | 0.0 | 0.0 | 360 | 22.0 | 10.7 | 10.5 | 130 |
| 13 | 191.804M | 60.1 | -28.8 | +9.1 | +0.9 | +0.2 | -10.0 | 32.8 | 43.5 | -10.7 | Horiz |
| 1.4 | 106.00014 | (0.1 | +1.0 | +0.3 | . 0. 0 | . 0. 2 | 360 | 22.0 | 10.5 | 10.7 | 130 |
| 14 | 196.008M | 60.1 | -28.8 | +9.1 | +0.9 | +0.2 | -10.0 | 32.8 | 43.5 | -10.7 | Horiz |
| 1.7 | 202.01614 | 50.0 | +1.0 | +0.3 | . 0. 0 | . 0. 2 | 360 | 22.0 | 10.5 | 10.7 | 130 |
| 15 | 203.816M | 59.8 | -28.8 | +9.4 | +0.9 | +0.2 | -10.0 | 32.8 | 43.5 | -10.7 | Horiz 130 |
| 16 | 207.54014 | 50.2 | +1.0 | +0.3 | .00 | .0.2 | 360 | 22.7 | 12.5 | 10.0 | |
| 16 | 207.540M | 59.3 | -28.7 | +9.7 | +0.9 | +0.2 | -10.0 360 | 32.7 | 43.5 | -10.8 | Horiz |
| 17 | 210.903M | 500 | +1.0 | +0.3 | ١٨٨ | 10.2 | -10.0 | 22.5 | 12.5 | 11.0 | 130 |
| 17 | 210.903M | 58.8 | -28.7 | +10.0 +0.3 | +0.9 | +0.2 | -10.0 360 | 32.5 | 43.5 | -11.0 | Horiz 130 |
| 10 | 100 001 1 1 | 59.0 | +1.0 | | 10.6 | ı () 1 | -10.0 | 22.1 | 12.5 | 11 / | |
| 18 | 108.081M | 58.9 | -29.1 +0.6 | +10.8 +0.2 | +0.6 | +0.1 | -10.0 360 | 32.1 | 43.5 | -11.4 | Horiz 130 |
| 10 | 227 49014 | 59.7 | | | +0.9 | 10.2 | -10.0 | 34.7 | 46.4 | -11.7 | |
| 19 | 227.480M | 39.1 | -28.6 +1.0 | +11.2 +0.3 | +0.9 | +0.2 | 360 | 34.7 | 40.4 | -11./ | Horiz 130 |
| 20 | 216.789M | 60.5 | +1.0 -28.7 | +10.4 | +0.9 | +0.2 | -10.0 | 34.6 | 46.4 | -11.8 | Horiz |
| 20 | 210./09IVI | 00.5 | -28.7 +1.0 | +10.4 | +0.9 | +0.∠ | 360 | 54.0 | 40.4 | -11.0 | 130 |
| | | | +1.0 | +0.3 | | | 300 | | | | 130 |

Page 20 of 21 Report No.: FC09-080



| 21 | 131.984M | 57.0 | -29.0 | +11.7 | +0.7 | +0.2 | -10.0 | 31.6 | 43.5 | -11.9 | Horiz |
|----|----------|------|-------|-------|------|------|-------|------|------|-------|-------|
| | | | +0.7 | +0.3 | | | 360 | | | | 130 |
| 22 | 211.984M | 57.8 | -28.7 | +10.0 | +0.9 | +0.2 | -10.0 | 31.5 | 43.5 | -12.0 | Horiz |
| | | | +1.0 | +0.3 | | | 360 | | | | 130 |
| 23 | 168.261M | 58.2 | -28.8 | +9.9 | +0.8 | +0.2 | -10.0 | 31.4 | 43.5 | -12.1 | Horiz |
| | | | +0.9 | +0.2 | | | 360 | | | | 130 |
| 24 | 216.309M | 60.1 | -28.7 | +10.4 | +0.9 | +0.2 | -10.0 | 34.2 | 46.4 | -12.2 | Horiz |
| | | | +1.0 | +0.3 | | | 360 | | | | 130 |
| 25 | 222.915M | 58.4 | -28.6 | +10.9 | +0.9 | +0.2 | -10.0 | 33.1 | 46.4 | -13.3 | Horiz |
| | | | +1.0 | +0.3 | | | 360 | | | | 130 |
| 26 | 224.116M | 57.7 | -28.6 | +10.9 | +0.9 | +0.2 | -10.0 | 32.4 | 46.4 | -14.0 | Horiz |
| | | | +1.0 | +0.3 | | | 360 | | | | 130 |
| 27 | 221.113M | 57.1 | -28.6 | +10.7 | +0.9 | +0.2 | -10.0 | 31.6 | 46.4 | -14.8 | Horiz |
| | | | +1.0 | +0.3 | | | 360 | | | | 130 |
| 28 | 213.306M | 52.3 | -28.7 | +10.1 | +0.9 | +0.2 | -10.0 | 26.1 | 43.5 | -17.4 | Horiz |
| | QP | | +1.0 | +0.3 | | | 118 | | | | 127 |
| ٨ | 213.306M | 63.6 | -28.7 | +10.1 | +0.9 | +0.2 | -10.0 | 37.4 | 43.5 | -6.1 | Horiz |
| | | | +1.0 | +0.3 | | | 360 | | | | 130 |

Page 21 of 21 Report No.: FC09-080