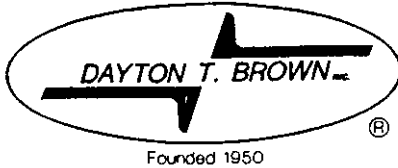


Exhibit 6. Report of measurements



ENGINEERING AND TEST DIVISION
CHURCH STREET, BOHEMIA, LONG ISLAND, NEW YORK 11716 (516) 589-6300

TEST REPORT NO.: DTB01R97-0852

DAYTON T. BROWN, INC. JOB NO.: 409969-00-000


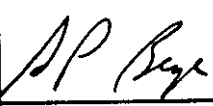
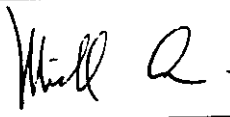
CUSTOMER: CRESTRON ELECTRONICS, INC.
101 BROADWAY
CRESSKILL, NJ 07626

SUBJECT: FCC CODE OF FEDERAL REGULATIONS 47 CFR, PART 15, SUB-PART C
TESTING PERFORMED ON ONE HANDHELD RF TRANSMITTER,
MODEL NO. CNRFHT-15/30A, SERIAL NO. B084720

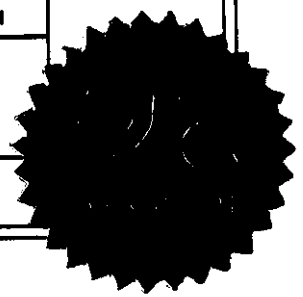
PURCHASE ORDER NO.: 86862

ATTENTION: MR. PAUL DOMICIANO

THIS REPORT CONTAINS: SIX PAGES AND FIVE ENCLOSURES

TEST ENGINEER	 R. MONTICELLO
TEST OPERATIONS MANAGER	 S. BENZA
DEPARTMENT MANAGER	 M. AVARI
DATE	31 OCTOBER 1997

THE DATA CONTAINED IN THIS REPORT WAS OBTAINED BY TESTING IN COMPLIANCE WITH THE APPLICABLE TEST SPECIFICATION AS NOTED



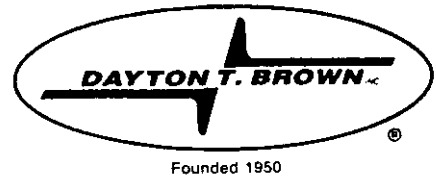
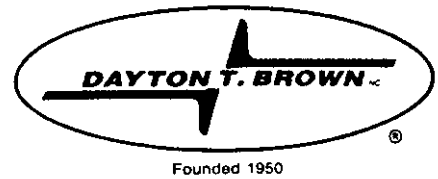


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General Test Information	5.0	6		
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(2) Radiated Emission, Intentional Radiator, 30 MHz to 10 GHz			13	1
(3) Occupied Bandwidth			2	-
(4) Physical Inspection Forms			2	-
(5) A2LA Scope of Accreditation			1	-



1.0 ABSTRACT

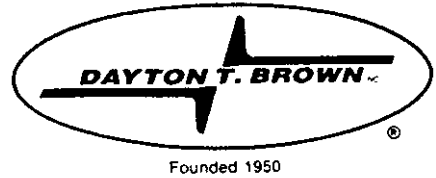
This report details the results of the FCC Code of Federal Regulations 47 CFR, Part 15, Sub-Part C testing performed on one Handheld RF Transmitter, Model No. CNRFHT-15/30A, Serial No. B084720, manufactured by Crestron Electronics, Inc.

The Handheld RF Transmitter was found to be in compliance with the radiated portions of the FCC Code of Federal Regulations 47 CFR, Part 15, Sub-Part C, specification limits.

Detailed test results can be observed in Enclosures 2 and 3 of this report.

The test results recorded in this report relate only to those items tested.

This report shall not be reproduced, except in full, without the written approval of Dayton T. Brown, Inc.



2.0 REFERENCES

- (a) Customer Purchase Order No.: 86862
- (b) Dayton T. Brown, Inc. Job No.: 409969-00-000
- (c) Test Specification: FCC Code of Federal Regulations 47 CFR, Part 15, Sub-Part C
- (d) Test Procedure: American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz, ANSI C63.4-1992, dated 17 July 1992



3.0 ADMINISTRATIVE INFORMATION

Customer: Crestron Electronics, Inc.
101 Broadway
Cresskill, NJ 07626

Manufacturer: Crestron Electronics, Inc.

Test Item: Handheld RF Transmitter

Quantity Received: One

Model No.: CNRFHT-15/30A

Serial No.: B084720

Test Start Date: 16 October 1997

Test Completion Date: 17 October 1997

Disposition of Test Item: The test sample was returned to Crestron Electronics, Inc. on 21 October 1997.



4.0 TEST PROGRAM OUTLINE

Description of Test Method

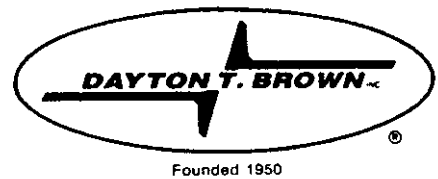
Radiated Emission, Intentional Radiator,
30 MHz to 10 GHz

Occupied Bandwidth

Results

Met the specification
requirements.

Met the specification
requirements.



5.0 GENERAL TEST INFORMATION

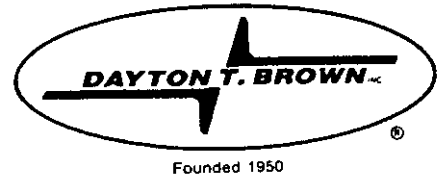
Setup

For the radiated emission test in the frequency range of 30 to 1000 MHz, the test sample was set up in a climate controlled open field site that measures 44 feet long by 24 feet wide by 24 feet high.

For the radiated emission test in the frequency range of 1 to 10 GHz, the test sample was set up in an anechoic chamber that measures 30 feet wide by 32 feet long by 12 feet high.

Unit Operation:

Operational Mode Tested - Transmit Mode - The Handheld RF Transmitter was transmitting at 433.92 MHz.

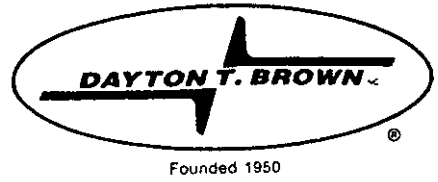


Enclosure 1
Test Equipment List



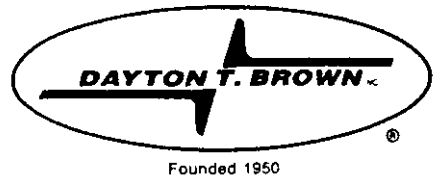
Test equipment utilized for the program reported herein was within its assigned interval of calibration. Details are on file at Dayton T. Brown, Inc. and will be made available upon request.

<u>TEST</u>	<u>ITEM</u>	<u>MANUFACTURER</u>	<u>DTB NO.</u>	<u>EQUIPMENT CHARACTERISTIC</u>	<u>MODEL</u>	<u>SERIAL NO.</u>	<u>CALIBRATION DUE DATE</u>
Rad Emiss	Interference Analyzer	Electro-Metrics	65-142	10 kHz - 1.0 GHz	EMC-25 MK III	608	12/21/97
Rad Emiss	Metering Module	Electro-Metrics	65-142.1	10 kHz - 1.0 GHz	CRM-25	136	3/29/98
Rad Emiss, Occupied Band	Spectrum Analyzer	Hewlett-Packard	65-247	10 kHz - 26.5 GHz	8563A	3220A 01924	11/30/97
Rad Emiss	Bilog Antenna	Chase	27-1	30 MHz - 2 GHz	CBL6112	2055	4/12/98
Rad Emiss	Double Ridge Guide Antenna	Electro-Mechanics Company	27-55	1.0 - 18 GHz	3115	2072	10/18/98
Occupied Band	Double Ridge Guide Antenna	Electro-Mechanics Company	27-42	200 - 2000 MHz	3106	2318	7/26/98
Rad Emiss	Preamplifier	Hewlett-Packard	71-11	1 GHz - 26.5 GHz	8449B	3008A 00284	12/13/98
Rad Emiss Occupied Band	Anechoic Facility	Dayton T. Brown, Inc.	-	-	30 ft. x 32 ft. x 12 ft.	Anechoic	-
Rad Emiss	Open Field Facility	Dayton T. Brown, Inc.	-	-	44 ft. x 24 ft. x 24 ft.	-	-



Enclosure 2

**Radiated Emission,
Intentional Radiator, 30 MHz to 10 GHz**



RADIATED EMISSION,
INTENTIONAL RADIATOR, 30 MHz to 10 GHz

Test Procedure

A radiated emission test, in the frequency range of 30 to 1000 MHz, was performed on the Handheld RF Transmitter while it was mounted on a wooden table which was standing on a conductive turntable.

For the frequency range of 30 to 1000 MHz, measurements were made utilizing a manually tuned interference measurement receiver which was located in the instrumentation room below the ground plane.

The receiver was connected to the measurement antenna which was located 10 meters from the turntable for the frequency range of 30 to 1000 MHz.

A linear polarized antenna was utilized for the measurements. The antenna height was varied between 1 and 4 meters and the test sample was rotated 360° to ensure maximum pickup from the test sample.

A radiated emission test, in the frequency range of 1 to 10 GHz, was performed on the Handheld RF Transmitter while it was mounted on a wooden table in an anechoic chamber.

For the frequency range of 1 to 10 GHz, measurements were made utilizing a spectrum analyzer located in a shielded enclosure which was attached to the anechoic enclosure.

The receiver was connected to the measurement antenna, which was located 3 meters from the table for the frequency range of 1 to 10 GHz, with a length of 50Ω coaxial cable.

The Handheld RF Transmitter utilizes pulse modulation with a 50% duty cycle.

Any emissions not reported were at least 20 dB below the specification limits.

Measurements were made utilizing the following bandwidth and detector function:

Frequency Range	CISPR Bandwidth	Detector Function
30 to 1000 MHz	120 kHz	Quasi-Peak
1 to 10 GHz	100 kHz	Peak



RADIATED EMISSION,
INTENTIONAL RADIATOR, 30 MHz to 10 GHz
(Continued)

The antenna per meter factors of the antenna utilized are depicted in the figure contained in this enclosure.

The test setup employed for the 1 to 10 GHz frequency range is depicted in the photograph contained in this enclosure.

Test Results

No emission levels above the FCC Code of Federal Regulations 47 CFR, Part 15, Sub-Part C, specification limits were observed.

Detailed test results for the Radiated Emission test for Intentional Radiators can be observed on pages 3 through 10 of this enclosure.



Date : 16 Oct 1997

Serial No.: B084720

Job No. : 409969-00-000

Distance : 10 Meters

Antenna Polarization: Vertical

Bandwidth: 120 kHz (CISPR)

Met Requirement Yes No

Test Item : Handheld Wireless Transmitter CNRFHT-15/30A

Customer : Crestron Electronics, Inc.

Test Condition : Transmitting at 433.92 MHz

Specification : FCC Rules & Regulations Part 15, Sub-Part C

Detector Function : Quasi-Peak Units : dBuV/m

Radiated Field Strength Measurements

Freq. (MHz)	Meter Indicated dBuV	Antenna Factor dB	Cable Loss dB	Correction Factor	Total Indicated dBuV/m	Spec. Limit dBuV/m	Level Above Spec. Limit	Notes
30	-6	17.1	0.82	0	11.92	29.5		
42	-6	12	0.99	0	6.99	29.5		
55	2	6.9	1.15	0	10.05	29.5		
62	20	5.8	1.11	0	26.91	29.5		Ambient
70	6	5.8	1.25	0	13.05	29.5		
160	2	9.9	1.98	0	13.88	33		
190	2	9.69999	2.05	0	13.75	33		
220	8	10.5	2.29	0	20.79	35.5		
300	-6	13.4	2.86	0	10.26	35.5		
440	40	17	3.46	6	54.46	70.5999		
600	8	18.9	4.06	0	30.96	35.5		
700	8	19.3	4.49	0	31.79	35.5		
1000	8	22	5.53	0	35.53	43.5		

Remarks : * Indicates above Specification Limit; A - Indicates Ambient; Total Indicated = Meter Indicated + Antenna Factor + Cable Loss - Corr. Factor (Using BiLog Antenna DTB No. 27-3; Calibration Due : 12 April 1998)

Engineer : [Signature] Technician : [Signature]



Date : 17 Oct 1997

Test Item : Handheld Wireless Transmitter CNRFHT-15/30A

Serial No. : B084720

Customer : Crestron Electronics, Inc.

Job No. : 409969-00-000

Test Condition : Transmitting at 433.92 MHz

Ant. Polarization: Vertical

Specification : FCC Rules & Regs. Part 15, Sub-Part C

Units : dBμV/m

Test: Radiated Field Strength Measurements

Met Requirement Yes No

Freq. (MHz)	Meter Indicated dBμV	Antenna Factor dB	Preamplifier Factor dB	6 dB Correction	Total Indicated dBμV/m	Spec. Limit dBμV/m	Level Above Spec.			
1295	72.83	25.0	35.6	-6	56.23	61.0				
1732	58.33	26.5	35.2	-6	43.63	61.0				
2167	53.17	28.0	35.0	-6	40.17	61.0				
2604	44.92	27.8	34.9	-6	31.82	61.0				
3475	45.92	32.2	34.9	-6	37.22	61.0				

Remarks : Measurement made at 3 meter distance.

Data Reviewed By: [Signature]

Test Performed By: [Signature: Lawrence Williams]



Date : 17 Oct 1997

Test Item : Handheld Wireless Transmitter CNRFHT-30A

Serial : 084720

Customer : Crestron Electronics, Inc.

Job No. : 409969-00-000

Test Condition : Transmitting at 433.92 MHz

Ant. Polarization: Vertical

Specification : FCC Rules & Regs. Part 15, Sub-Part C

Units : dBuV/m

Radiated Emission : 1 to 10 GHz

Met Requirement Yes No

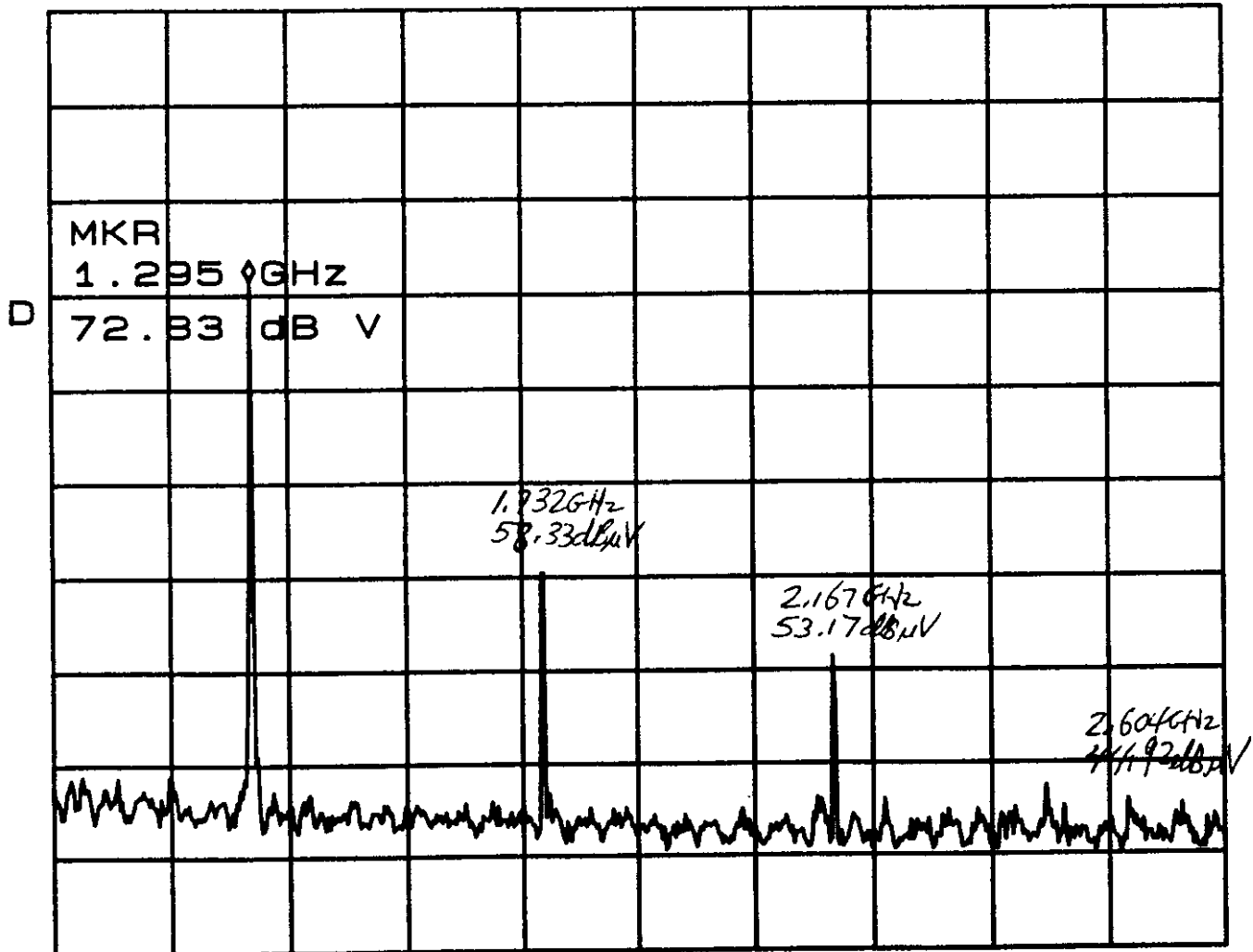
*ATTEN 0dB

CNT 72.83dB V

RL 87.0dB V

5dB/

1.30176 GHz



START 1.000GHz

STOP 2.750GHz

*RBW 1.0MHz

VBW 1.0MHz

*SWP 45sec

Remarks : _____

Data Reviewed By: *R. [Signature]*

Test Performed By: *Lawrence Williams*



Date : 17 Oct 1997

Test Item : Handheld Wireless Transmitter CNRFHT-30A

Serial : 084720

Customer : Crestron Electronics, Inc.

Job No. : 409969-00-000

Test Condition : Transmitting at 433.92 MHz

Ant. Polarization: Vertical

Specification : FCC Rules & Regs. Part 15, Sub-Part C

Units : dBuV/m

Radiated Emission : 1 to 10 GHz

Met Requirement Yes No

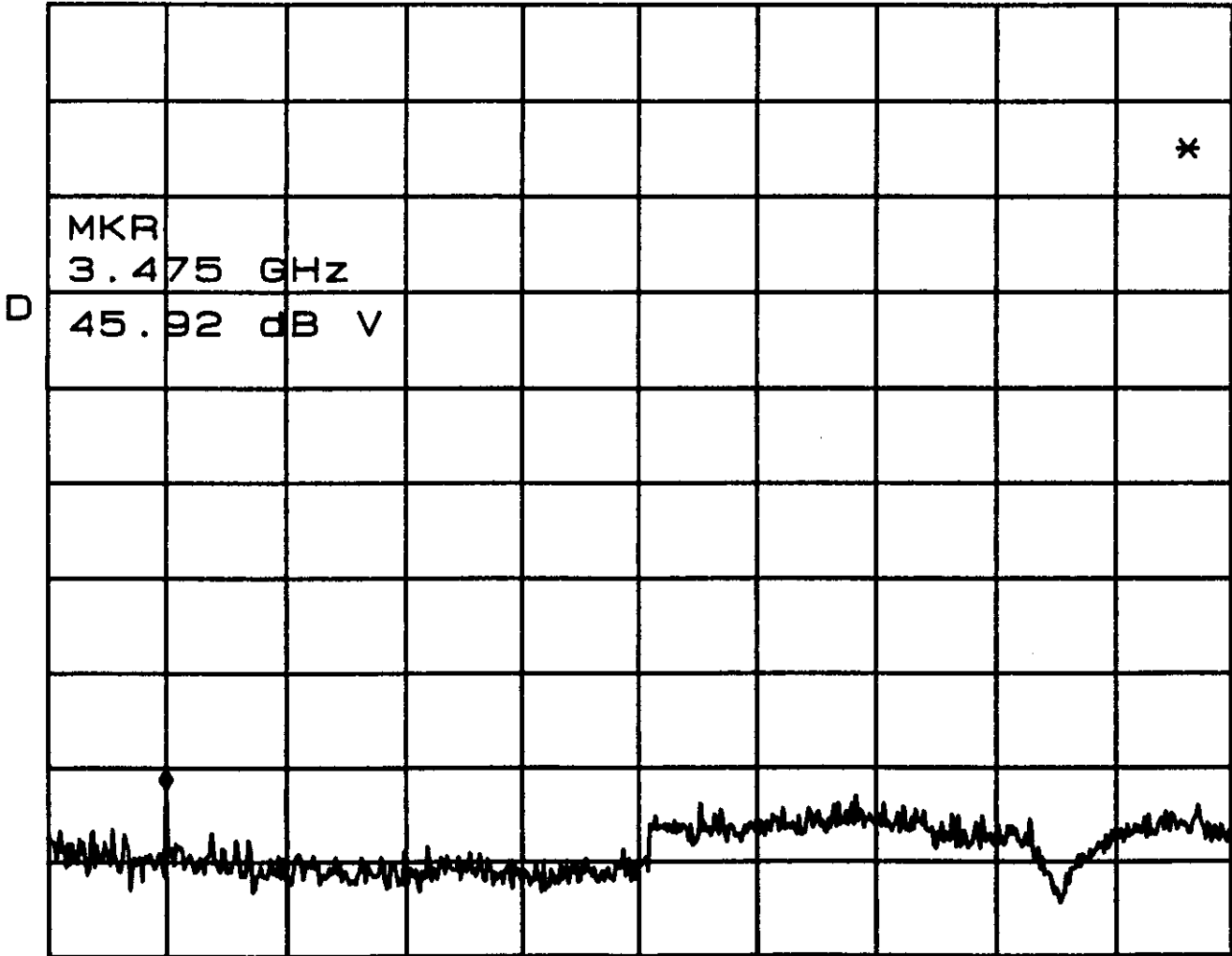
*ATTEN 0dB

CNT 45.92dB V

RL 87.0dB V

5dB/

2.76396 GHz



START 2.750GHz

STOP 10.000GHz

*RBW 1.0MHz

VBW 1.0MHz

*SWP 45sec

Remarks : _____

Data Reviewed By: *B. [Signature]* Test Performed By: *Lawrence Wilkin*



Date : 16 Oct 1997

Serial No.: B084720

Job No. : 409969-00-000

Distance : 10 Meters

Antenna Polarization: Horizontal

Bandwidth: 120 kHz (CISPR)

Met Requirement Yes No

Test Item : Handheld Wireless Transmitter CNRFHT-15/30A

Customer : Crestron Electronics, Inc.

Test Condition : Transmitting at 433.92 MHz

Specification : FCC Rules & Regulations Part 15, Sub-Part C

Detector Function : Quasi-Peak Units : dBuV/m

Radiated Field Strength Measurements

Table with 10 columns: Freq. (MHz), Meter Indicated dBuV, Antenna Factor dB, Cable Loss dB, Correction Factor, Total Indicated dBuV/m, Spec. Limit dBuV/m, Level Above Spec. Limit, Notes, and an empty column. Rows include data for frequencies from 30 MHz to 1000 MHz, with a 'Notes' entry 'Ambient' at 55 MHz.

Remarks : * Indicates above Specification Limit; A - Indicates Ambient, Total Indicated = Meter Indicated + Antenna Factor + Cable Loss - Corr. Factor (Using BiLog Antenna DTB No. 27-1; Calibration Due : 12 April 1998)

Engineer : [Signature]

Technician : [Signature]



Date : 17 Oct 1997

Test Item : Handheld Wireless Transmitter CNRFHT-15/30A

Serial No. : B084720

Customer : Crestron Electronics, Inc.

Job No. : 409969-00-000

Test Condition : Transmitting at 433.92 MHz

Line under Test: Horizontal

Specification : FCC Rules & Regs. Part 15, Sub-Part C

Units : dB μ V/m

Test: Radiated Field Strength Measurements

Met Requirement Yes No

Freq. (MHz)	Meter Indicated dB μ V	Antenna Factor dB	Preamplifier Factor dB	6 dB Correction	Total Indicated dB μ V/m	Spec. Limit dB μ V/m	Level Above Spec.			
1295	60.33	25.0	35.6	-6	43.73	61.0				
1729	59.50	26.5	35.2	-6	44.80	61.0				
2167	57.00	28.0	35.0	-6	44.00	61.0				
2604	44.58	27.8	34.9	-6	31.48	61.0				
3475	44.92	32.2	34.9	-6	36.22	61.0				

Remarks : Measurement made at 3 meter distance.

Data Reviewed By: *R. Mitchell*

Test Performed By: *Lawrence Williams*



Date : 17 Oct 1997

Test Item : Handheld Wireless Transmitter CNRFHT-30A

Serial : 084720

Customer : Crestron Electronics, Inc.

Job No. : 409969-00-000

Test Condition : Transmitting at 433.92 MHz

Ant. Polarization: Horizontal

Specification : FCC Rules & Regs. Part 15, Sub-Part C

Units : dBuV/m

Radiated Emission : 1 to 10 GHz

Met Requirement Yes No

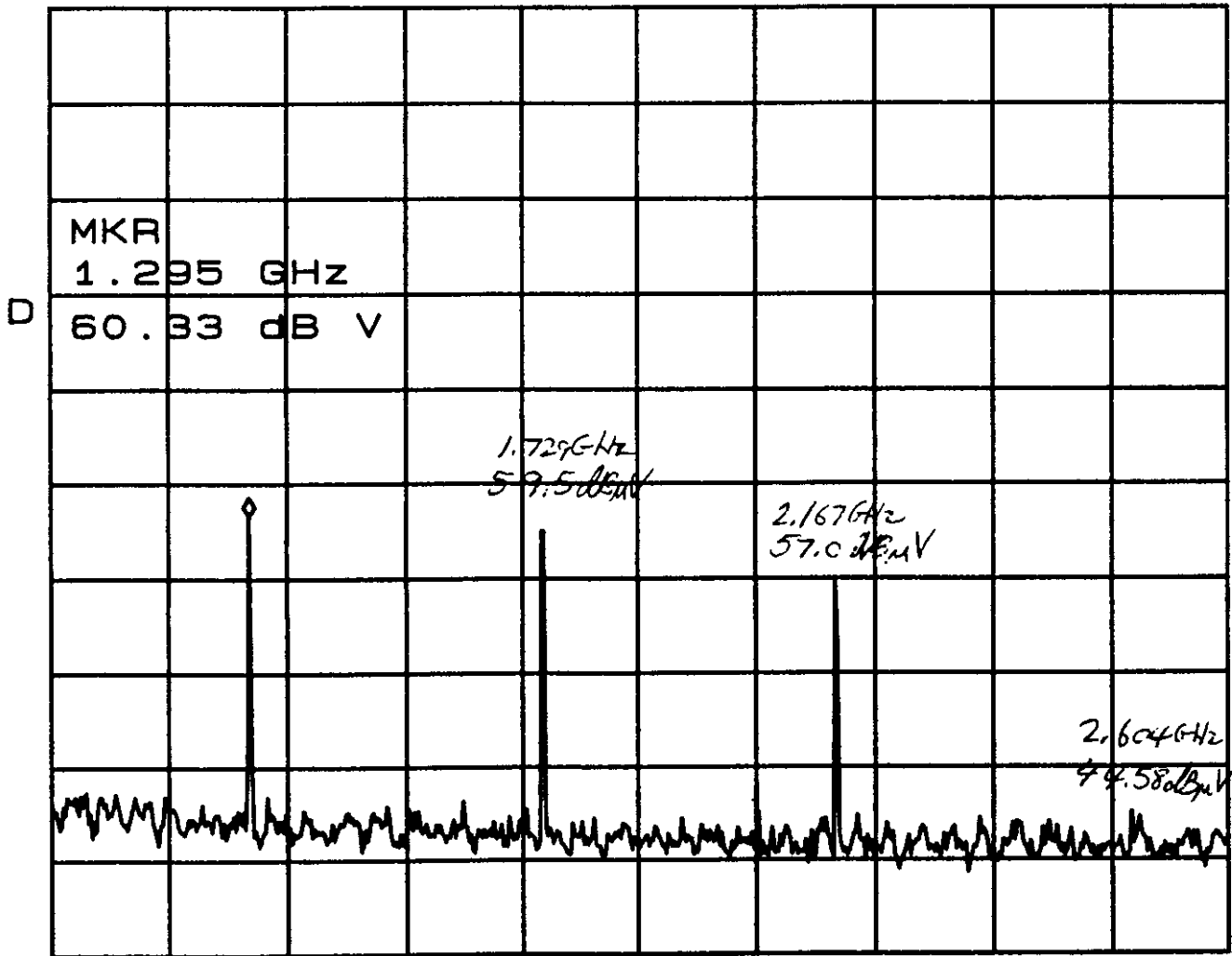
*ATTEN 0dB

CNT 60.33dB V

RL 87.0dB V

5dB/

1.73568 GHz



START 1.000GHz

STOP 2.750GHz

*RBW 1.0MHz

VBW 1.0MHz

*SWP 45sec

Remarks :

Data Reviewed By: [Signature] Test Performed By: Lawrence Wilkin



Date : 17 Oct 1997

Test Item : Handheld Wireless Transmitter CNRFHT-30A

Serial : 084720

Customer : Crestron Electronics, Inc.

Job No. : 409969-00-000

Test Condition : Transmitting at 433.92 MHz

Ant. Polarization: Horizontal

Specification : FCC Rules & Regs. Part 15, Sub-Part C

Units : dBuV/m

Radiated Emission : 1 to 10 GHz

Met Requirement Yes No

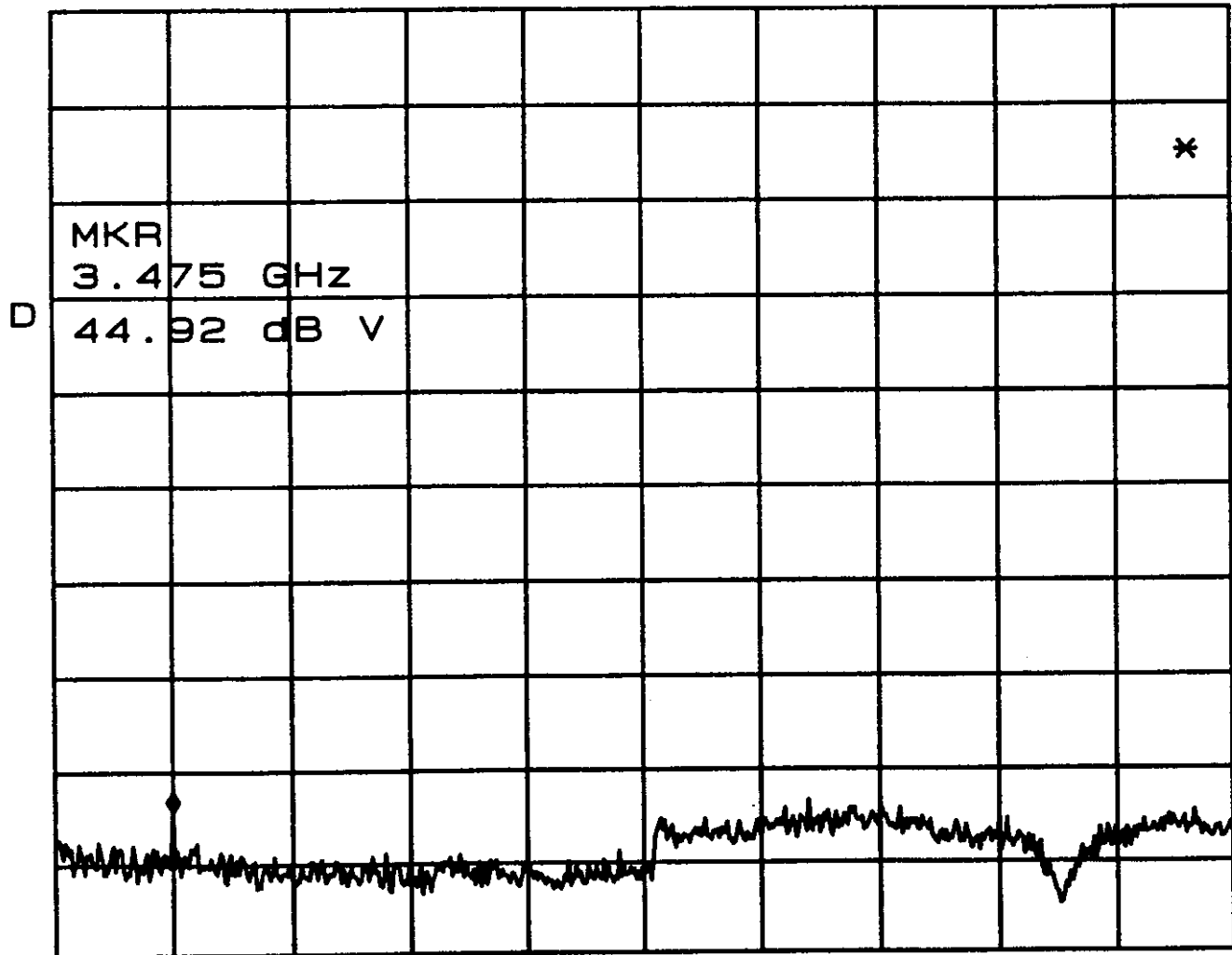
*ATTEN 0dB

CNT 44.92dB V

RL 87.0dB V

5dB/

3.47135 GHz



START 2.750GHz

STOP 10.000GHz

*RBW 1.0MHz

VBW 1.0MHz

*SWP 45sec

Remarks : _____

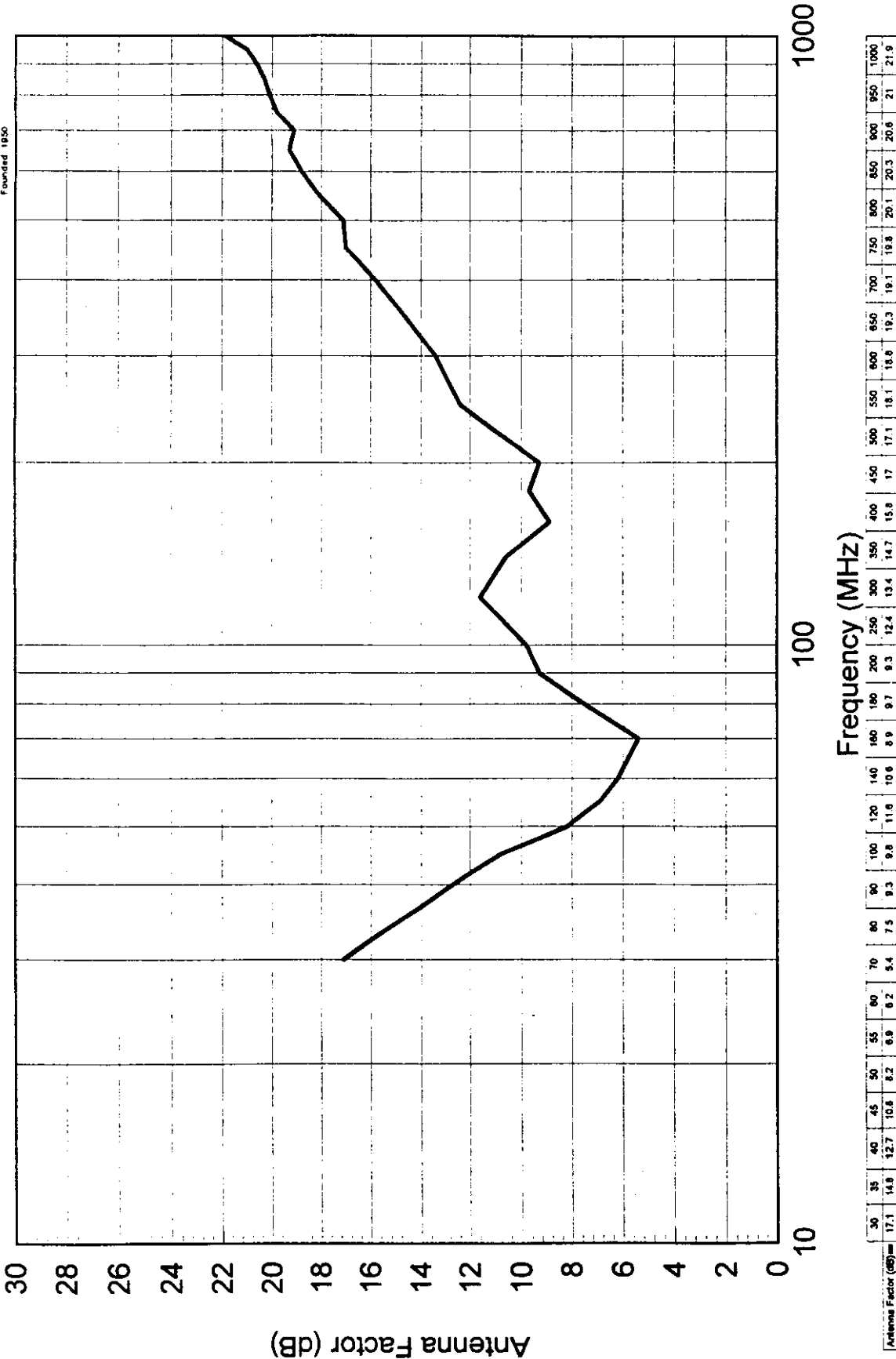
Data Reviewed By: *R. Embick*

Test Performed By: *Lawrence Walbrin*

10 Meter Antenna Factor

For The Chase EMC, Inc. BiLog Antenna

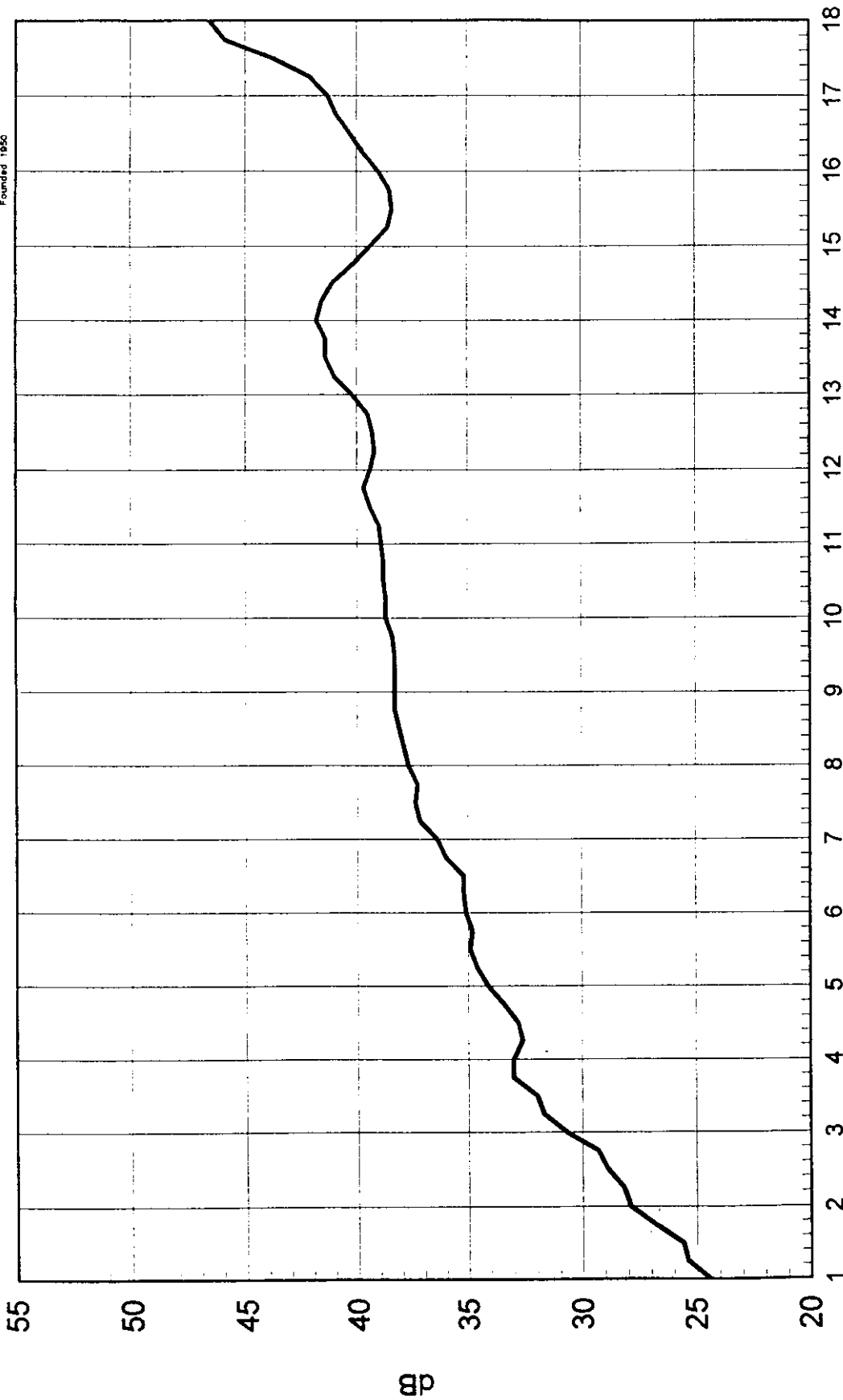
Model Number: CBL6112, DTB Number: 27-1



Cal Date: 15 April 1997
 Due Date: 12 April 1998

Add Factors Shown Here in dB to
 Meter Indicated in dBuV to Convert to
 Field Intensity in dBuV/m

Antenna Factor For The
EMCO Model 3115
Double Ridge Waveguide Antenna DTB No 27-55



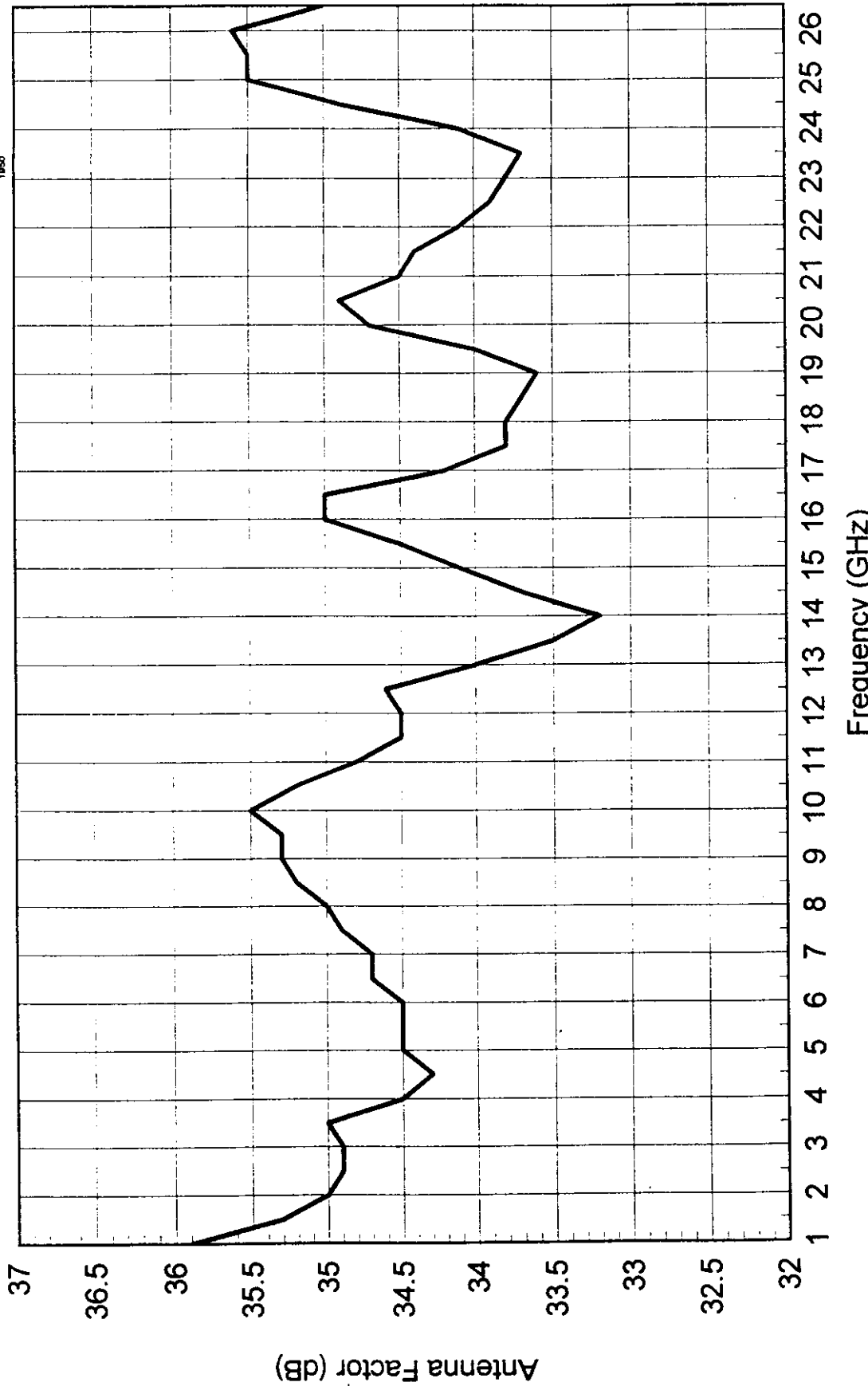
to Meter Indicated in dBuV
to
Convert to Field Intensity in
dBuV/m

CAL DATE 23 OCT 1996
DUE DATE 18 OCT 1998

Gain Correction Factor

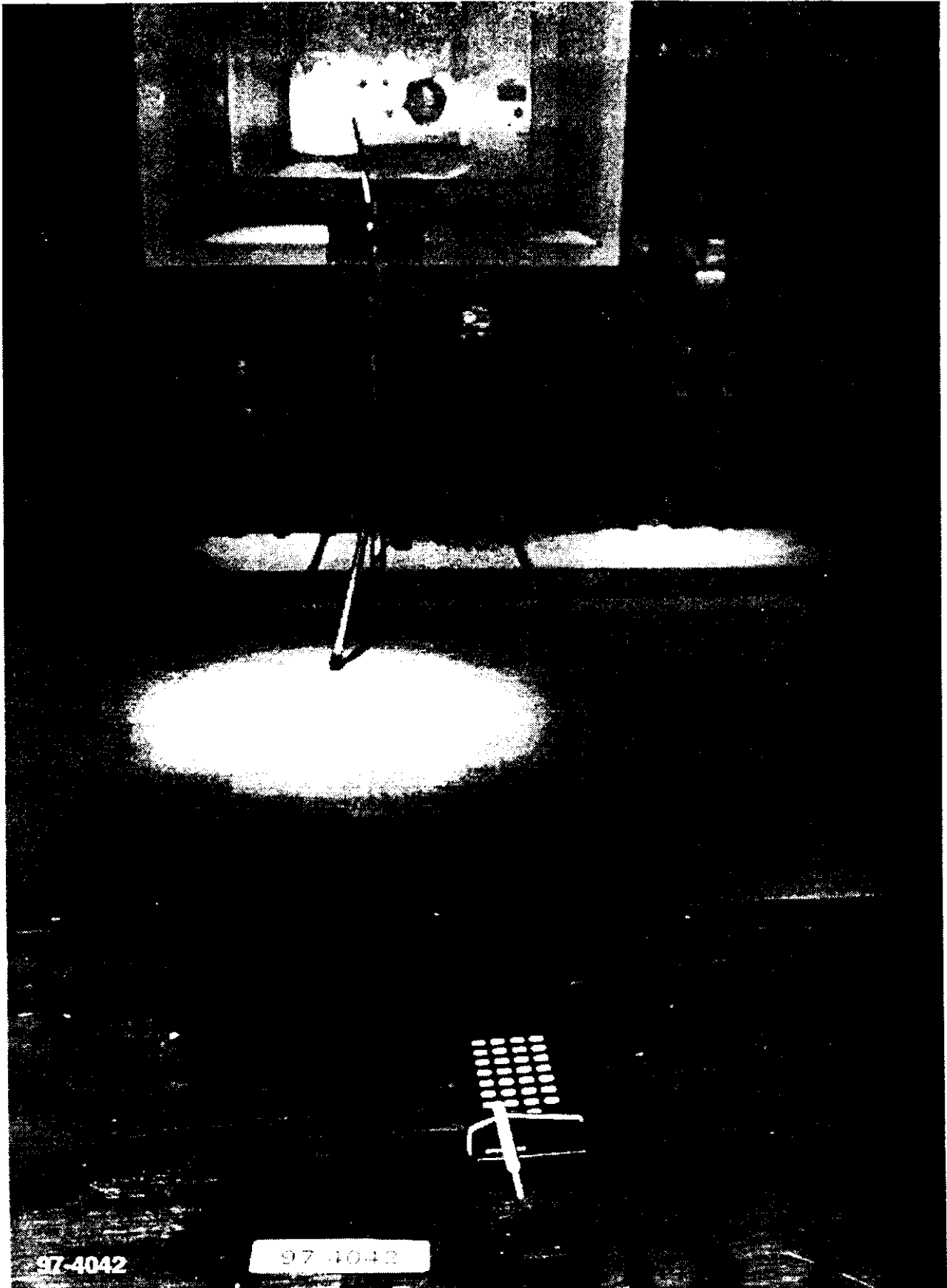
For The Hewlett Packard Pre-Amplifier

Model Number: HP8449B, DTB Number: 71-11



Gain (dB)	Frequency (GHz)
35.0	1
35.0	2
35.0	3
35.0	4
35.0	5
35.0	6
35.0	7
35.0	8
35.0	9
35.0	10
35.0	11
35.0	12
35.0	13
35.0	14
35.0	15
35.0	16
35.0	17
35.0	18
35.0	19
35.0	20
35.0	21
35.0	22
35.0	23
35.0	24
35.0	25
35.0	26

Cal Date: 19 Dec 1996
 Due Date: 13 Dec 1998



97-4042

97-4042

TESTED FOR CRESTRON ELECTRONICS, INC.
ITEM: HANDHELD REFRANSMITTER

RADIATED EMISSIONS, 1 TO 100 MHz
BILL NO. 97-4042
ENCLOSURE 2

S/N: B084720
M/N: CNREH1530A

10001800100
PH0700

Job No. 97-4042
DTSUR97-452

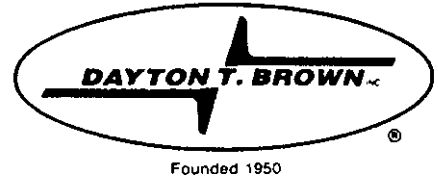


EST. 1950



Enclosure 3

Occupied Bandwidth



OCCUPIED BANDWIDTH

Test Procedure

The occupied bandwidth of the Handheld RF Transmitter was measured using a spectrum analyzer with a bandwidth setting of 100 kHz. The spectrum analyzer was operated in the "Max Hold" mode.

The Handheld RF Transmitter has an operating frequency of 434 MHz. The maximum allowed bandwidth for devices operating above 70 MHz and below 900 MHz is 0.25% of the center frequency.

The maximum allowed bandwidth is calculated as follows:

$$434 \text{ MHz} \times 0.0025 = 1.085 \text{ MHz}$$

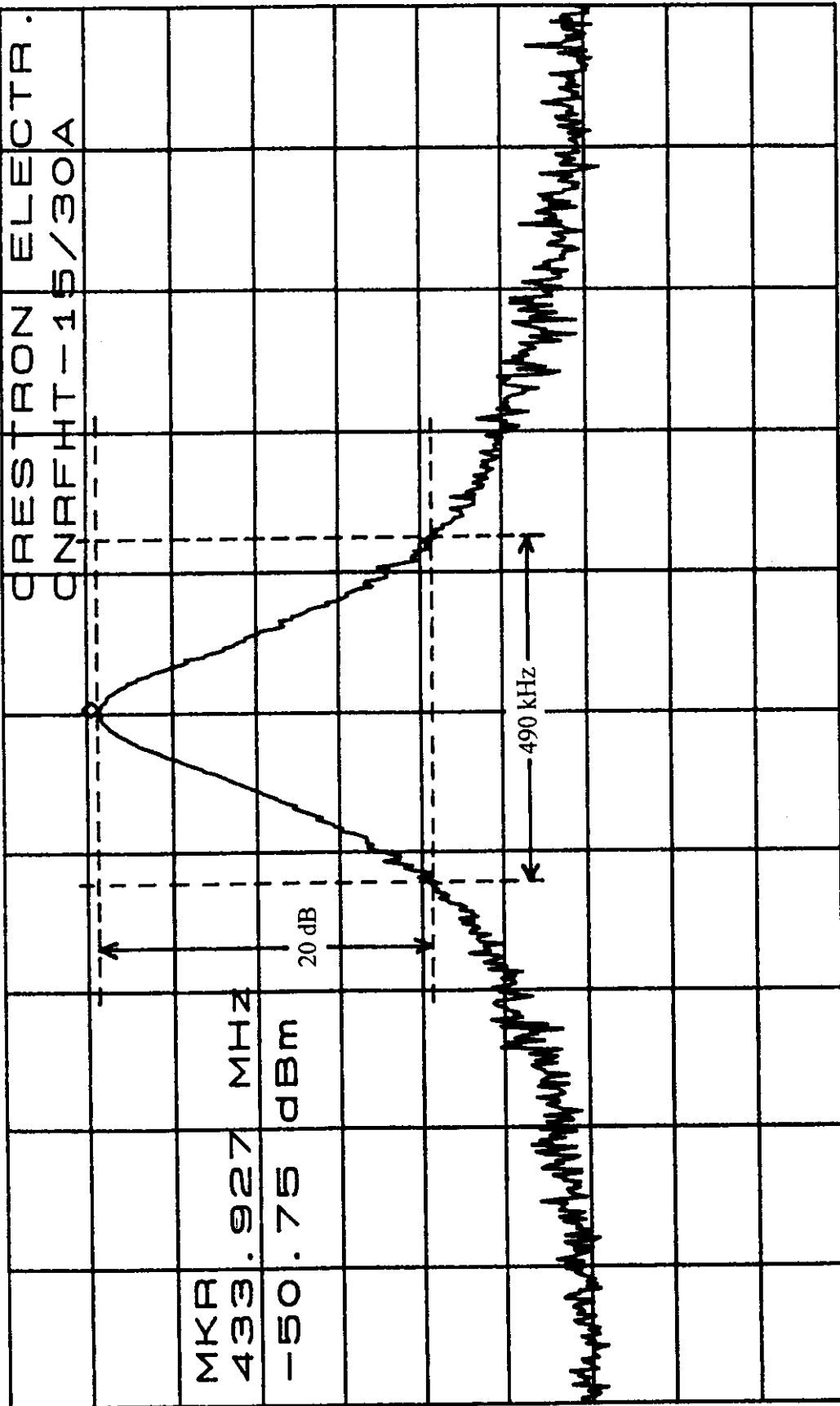
The occupied bandwidth was determined at the points 20 dB down from the carrier.

Test Results

The test sample met the Occupied Bandwidth test. The measured occupied bandwidth from the Handheld RF Transmitter, was 490 kHz at the 20 dB down point.

Detailed test results for the Occupied Bandwidth test can be observed on page 2 of this enclosure.

*ATTEN 10dB
RL -45.0dBm
5dB/
CNT -50.75dBm
433.92 MHz



CENTER 433.920MHZ
*RBW 100KHZ *VBW 100KHZ
SPAN 2.000MHZ
SWP 50ms



Enclosure 4
Physical Inspection Forms



PHYSICAL INSPECTION FORM

JOB NUMBER 409969-00-000 DATE 10-16-97
CUSTOMER: Crestron Electronics ENGINEER R. Monticello
TEST EMC SPECIFICATION FCC, Pt. 15, Sub C
ITEM Handheld RF Transmitter SERIAL NO. B084720

A PRE TEST INSPECTION REVEALED :

- NO ANOMALIES
- NO ANOMALIES DUE TO TESTING
- THE FOLLOWING

Photograph Taken ?? NO If Yes, Photo Number N/A

Technician [Signature]
Engineer [Signature]



PHYSICAL INSPECTION FORM

JOB NUMBER 409969-00-000 DATE 10-17-97
CUSTOMER: Crestron Electronics ENGINEER R. Monticello
TEST EMC SPECIFICATION FCC, Pt. 15, Sub C
ITEM Handheld RF Transmitter SERIAL NO. B084720

A POST TEST INSPECTION REVEALED :

- NO ANOMALIES
- NO ANOMALIES DUE TO TESTING
- THE FOLLOWING

Photograph Taken ?? NO If Yes, Photo Number N/A

Technician *Lawrence Wilton*
Engineer *R. Monticello*



Enclosure 5

A2LA Scope of Accreditation



American Association for Laboratory Accreditation

SCOPE OF ACCREDITATION TO ISO/IEC GUIDE 25:1999

DAYTON T. BROWN, INC.
Church Street
Bohemia, NY 11716
Charles Gortakowski Phone: 516 589 6300

ACOUSTICS & VIBRATION

Valid To: December 31, 1998 Certificate Number: 0767-01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following acoustics & vibration tests:

- Vibration (Sine, Random, Gunfire, Shipboard)
Buzz, Squeak and Rattle
Combined Environments and Reliability (Temperature, Humidity and Vibration)
Pyroshock
Sound Power and Measurements
Airborne and Structureborne Noise Measurement

On the following types of materials and products:

Aircraft Components & Systems; Automotive Components & Systems; Shipboard Components & Systems; Railroad & Industrial Vehicle Components & Systems; Information Technology & Telecommunication Equipment & Systems; Electronic Components & Systems; Medical Electronic Equipment; Military Equipment & Hardware.

Using the following standards:

Military: MIL-STD-810, MIL-STD-167-1, MIL-S-901, MIL-STD-202, MIL-STD-781, MIL-E-16400, MIL-STD-108, MIL-STD-2036, MIL-T-28800, MIL-STD-740-1, MIL-STD-740-2, NAVMAT P-9492
Commercial: RTCA/DO-160
ANSI: S1.2, S1.35
GM: 9103P, 9104P, 9110P, 9125P, 9128P, 9140P, 9144P, 9154P, 9163P, 9175P
FORD: DWT1.12.00.007-AC, ES-F5VB-54043813-AA
Chrysler: PF-9007, PF-9531, PF-6897, PF-8243, PF-9164
Telephony: Bellcore GR-1089

Signature of Suzanne M. Robinson



American Association for Laboratory Accreditation

SUPPLEMENT TO THE SCOPE OF ACCREDITATION TO ISO/IEC GUIDE 25:1999

DAYTON T. BROWN, INC.
Church Street
Bohemia, NY 11716
Charles Gortakowski Phone: 516 589 6300

ELECTRICAL

Valid To: December 31, 1998 Certificate Number: 0767-02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following electrical tests:

- EN: 50081-1, 50081-2, 50082-1, 50082-2, 50091-1, 50091-2, 55011, 55013, 55014, 55015, 55022, 60555-2, 60555-3, 60601-1-2, 61000-4-1, 61000-4-2, 61000-4-4, 61000-4-5, 61000-4-7, 61000-4-8, 61000-4-11
ENW: 50140, 50141, 50142, 50204
IEC: 601, 601-1-2, 801-1 (1000-4-1), 801-2 (1000-4-2), 801-3 (1000-4-3), 801-4 (1000-4-4), 801-5 (1000-4-5), 801-6 (1000-4-6), 1000-4-7, 1000-4-8, 1000-4-11, 1000-3-2, 1000-3-3

Commercial Aviation: RTCA/DO-160, FAA Advisory Circular 20-136, Boeing D200Z001, Boeing MZ77000

Military: MIL-STD-461 (A,B,C,D), MIL-STD-462, MIL-STD-1399, MIL-STD-704, MIL-E-16400, MIL-STD-2036, MIL-STD-1275A(AT), MIL-STD-202

GM: 9100P, 9105P, 9109P, 9110P, 9112P, 9113P, 9114P, 9115P, 9116P, 9117P, 9119P, 9120P, 9103P, 9104P, 9125P, 9128P, 9140P, 9144P, 9154P, 9163P, 9175P

Chrysler: PF9164

Telephony: Bellcore GR-1089

ANSI/IEEE: IEEE-587-1980, IEEE-C62.41, IEEE-C62.32

TEMPEST: NST ISSAM Tempst/1-92, NACSEM 5100, NACSIH 5100A, NACSEM 5112, KAG-30A/TSEC

Signature of Suzanne M. Robinson



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SCOPE OF ACCREDITATION TO ISO/IEC GUIDE 25:1999

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ELECTRICAL

Valid To: December 31, 1998 Certificate Number: 0767-02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following electrical tests:

- Capacitance: AC Capacitance, AC Loss Characteristics, Permittivity (Dielectric Loss Constant)
Conductivity: Current (AC/DC), Electrostatic (ESD), EMP
EMI/RFI: Conducted Emissions, Conducted Transient Susceptibility, Conducted Susceptibility (Immunity), Radiated Emissions (O.A.T.S. Method), Radiated Emissions, Shielded Room Method, Radiated Susceptibility (Immunity), Radiated Transient Susceptibility, Electrostatic Discharge (ESD), Electromagnetic Pulse (EMP), Electrical Fast Transient (EFT)
Impedance: Inductance, Lightning, Magnetism, Power Transmission, Resistivity, AC/DC, Insulation Resistance, Voltage (AC/DC)
Lightning: Input Power Variations, Magnetic Field Emission, Magnetic Field Susceptibility, Harmonics, RF Power Handling, Shielding Effectiveness, Stirred Mode, Transmissibility, Site Survey, TEMPEST

On the following types of materials and products:

Aerospace Components & Systems; Automotive Components & Systems; Shipboard Components & Systems; Railroad & Industrial Vehicle Components & Systems; Information Technology & Telecommunication Equipment & Systems; Electrical & Electronic Components & Systems; Medical Electronic Equipment; Military Equipment & Hardware.

Using the following sources of standards:

EN, ENW, IEC, Commercial Aviation, Military, GM, Chrysler, Telephony, ANSI/IEEE, TEMPEST

A supplemental scope, identifying the full range of tests and types of tests, is available from A2LA or the laboratory.

Signature of Suzanne M. Robinson



American Association for Laboratory Accreditation

SCOPE OF ACCREDITATION TO ISO/IEC GUIDE 25:1999

DAYTON T. BROWN, INC.
Church Street
Bohemia, NY 11716
Charles Gortakowski Phone: 516 589 6300

MECHANICAL

Valid To: December 31, 1998 Certificate Number: 0767-03

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following mechanical tests:

- Compression: Fatigue, Shear, Stress, Metallography, Hardness, Fracture, Torston
Tensile (Room, High & Low Temperatures), NDT (Dye Penetrant & Magnetic Particle)
Environmental Simulation: Acceleration, Explosion, Temperature/Altitude, Salt Fog/Salt Spray, Temperature/Shock, Altitude, Dust, Wind & Rain, Humidity, Drop/Impact, Fungus, Sun/Solar Radiation, Combined Environments, Water Immersion, Sand
Durability (Horn Life Actuation/Horn Blow Mechanism), High/Low Temperature/Humidity/Vibration, High Pressure Burst (Air & Hydraulic), Shock (1/2 Sine, Sawtooth, Trapezoid)

On the following types of materials and products:

Aerospace Components & Systems; Automotive Components & Systems; Shipboard Components & Systems; Railroad & Industrial Components & Systems; Information Technology & Telecommunication Equipment & Systems; Electrical & Electronic Components & Systems; Medical Electronic Equipment; Military Equipment & Hardware; Packaging & Containers; Pipes, Hoses, Fittings, and Valves.

Using the following standards:

Military: MIL-STD-810, MIL-STD-167-1, MIL-S-901, MIL-STD-202, MIL-STD-781, MIL-E-16400, MIL-STD-108, MIL-STD-2036, MIL-T-28800, NAVMAT P-9492, MIL-STD-6866, MIL-T-7743, MIL-STD-410
Commercial: RTCA/DO-160
ASTM: B117, D1141, G23, E18, D2240, B557, E8, E1444
GM: 9110P, 9103P, 9104P, 9125P, 9128P, 9140P, 9144P, 9154P, 9163P, 9175P
FORD: DWT1.12.00.007-AC, ES-F5VB-54043813-AA
Chrysler: PF-9007, PF-9531, PF-6897, PF-8243, PF-9164
Telephony: Bellcore GR-1089

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