

FCC PART 15, SUBPART B and C
TEST REPORT

for

**SENSOR LINK ROOM
TEMPERATURE TRANSMITTER**

MODEL: 904710-00

Prepared for
HEAT-TIMER CORPORATION
20 NEW DUTCH LANE
FAIRFIELD, NEW JERSEY 07004

Prepared by: _____

JAMES ROSS

Approved by: _____

MICHAEL CHRISTENSEN

COMPATIBLE ELECTRONICS INC.
114 OLINDA DRIVE
BREA, CALIFORNIA 92823
(714) 579-0500

DATE: JULY 8, 2004

	REPORT BODY	APPENDICES					TOTAL
		A	B	C	D	E	
PAGES	14	2	2	2	10	11	41

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Brea Division
114 Olinda Drive
Brea, CA 92823
(714) 579-0500

Agoura Division
2337 Troutdale Drive
Agoura, CA 91301
(818) 597-0600

Silverado Division
19121 El Toro Road
Silverado, CA 92676
(949) 589-0700

Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400

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GENERAL REPORT SUMMARY

This electromagnetic emission test report is generated by Compatible Electronics Inc., which is an independent testing and consulting firm. The test report is based on testing performed by Compatible Electronics personnel according to the measurement procedures described in the test specifications given below and in the "Test Procedures" section of this report.

The measurement data and conclusions appearing herein relate only to the sample tested and this report may not be reproduced without the written permission of Compatible Electronics, unless done so in full.

This report must not be used to claim product endorsement by NVLAP, NIST or any other agency of the U.S. Government.

Device Tested: Sensor Link Room Temperature Transmitter
Model: 904710-00
S/N: N/A

Product Description: See Expository Statement

Modifications: The EUT was not modified in order to meet the specifications.

Manufacturer: Heat-Timer Corporation
20 New Dutch Lane
Fairfield, New Jersey 07004

Test Dates: June 23 and 25, 2004

Test Specifications: EMI requirements
CFR Title 47, Part 15 Subpart B; and Subpart C, Sections 15.205, 15.209 and 15.249

Test Procedure: ANSI C63.4

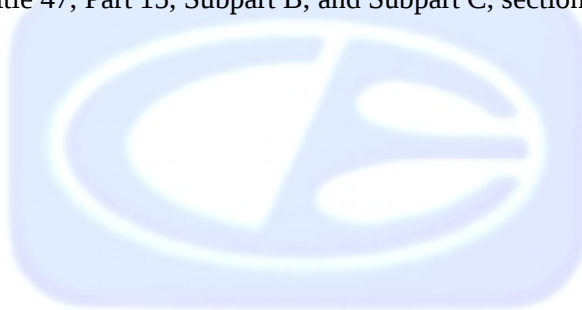
Test Deviations: The test procedure was not deviated from during the testing.

SUMMARY OF TEST RESULTS

TEST	DESCRIPTION	RESULTS
1	Conducted RF Emissions, 150 kHz - 30 MHz	This test was not performed because the EUT operates on DC power only and cannot be plugged into the AC public mains.
2	Radiated RF Emissions, 10 kHz – 9.2 GHz	Complies with the Class B limits of CFR Title 47, Part 15, Subpart B; and Subpart C, sections 15.205, 15.209, and 15.249.

1. PURPOSE

This document is a qualification test report based on the Electromagnetic Interference (EMI) tests performed on the Sensor Link Room Temperature Transmitter Model: 904710-00. The EMI measurements were performed according to the measurement procedure described in ANSI C63.4. The tests were performed in order to determine whether the electromagnetic emissions from the equipment under test, referred to as EUT hereafter, are within the **Class B** specification limits defined by CFR Title 47, Part 15, Subpart B; and Subpart C, sections 15.205, 15.209, and 15.249.



2. ADMINISTRATIVE DATA

2.1 Location of Testing

The EMI tests described herein were performed at the test facility of Compatible Electronics, 114 Olinda Drive, Brea, California 92823.

2.2 Traceability Statement

The calibration certificates of all test equipment used during the test are on file at the location of the test. The calibration is traceable to the National Institute of Standards and Technology (NIST).

2.3 Cognizant Personnel

Heat-Timer Corporation

Oron Brokman Senior Design Engineer

Compatible Electronics, Inc.

Jose Nozot Test Technician

James Ross Test Engineer

Michael Christensen Sr. Test Engineer

2.4 Date Test Sample was Received

The test sample was received on June 22, 2004.

2.5 Disposition of the Test Sample

The sample has yet to be returned to Heat-Timer Corporation as of the date of this report.

2.6 Abbreviations and Acronyms

The following abbreviations and acronyms may be used in this document.

RF	Radio Frequency
EMI	Electromagnetic Interference
EUT	Equipment Under Test
P/N	Part Number
S/N	Serial Number
HP	Hewlett Packard
ITE	Information Technology Equipment
CML	Corrected Meter Limit
LISN	Line Impedance Stabilization Network
TX	Transmit
RX	Receive
PCB	Printed Circuit Board

3. APPLICABLE DOCUMENTS

The following documents are referenced or used in the preparation of this EMI Test Report.

SPEC	TITLE
CFR Title 47, Part 15	FCC Rules – Radio frequency devices (including digital devices)
ANSI C63.4 2001	Methods of measurement of radio-noise emissions from low-voltage electrical and electronic equipment in the range of 9 kHz to 40 GHz

4. DESCRIPTION OF TEST CONFIGURATION

4.1 Description Of Test Configuration - EMI

Setup and operation of the equipment under test.

Specifics of the EUT and Peripherals Tested

The Sensor Link Room Temperature Transmitter Model: 904710-00 (EUT) was tested as a stand-alone device. The EUT was tested while it was continuously transmitting and in three orthogonal axis. The EUT has a Splatch antenna soldered to the its PCB.

The final radiated data was taken in the mode above. Please see Appendix E for the data sheets.

4.1.1 Cable Construction and Termination

The EUT has no external cables.



5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT**5.1 EUT and Accessory List**

EQUIPMENT	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	FCC ID
SENSOR LINK ROOM TEMPERATURE TRANSMITTER (EUT)	HEAT-TIMER CORPORATION	904710-00	N/A	QPISLROOMTMP01

5.2 EMI Test Equipment

EQUIPMENT TYPE	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	CAL. DATE	CAL. DUE DATE
Radiate Emissions Data Capture Program	Compatible Electronics	2.0	N/A	N/A	N/A
Spectrum Analyzer – Main Section	Hewlett Packard	8566B	3638A08784	June 16, 2004	1 Year
Spectrum Analyzer – Display Section	Hewlett Packard	85662A	3701A22279	June 16, 2004	1 Year
Quasi-Peak Adapter	Hewlett Packard	85650A	2430A00424	June 16, 2004	1 Year
Preamplifier	Com Power	PA-103	1582	March 11, 2004	1 Year
Microwave Preamplifier	Com Power	PA-122	25196	March 4, 2004	1 Year
Loop Antenna	Com-Power	AL-130	17070	July 8, 2003	1 Year
Biconical Antenna	Com Power	AB-900	15226	April 21, 2004	1 Year
Log Periodic Antenna	Com Power	AL-100	16202	February 18, 2004	1 Year
Horn Antenna	Com-Power	AH-118	10085	January 8, 2004	1 Year
Antenna Mast	Com-Power	AM-100	N/A	N/A	N/A
Turntable	Com-Power	TT-100	N/A	N/A	N/A
Computer	Hewlett Packard	4530	US91912319	N/A	N/A
Monitor	Hewlett Packard	D5258A	TW74500641	N/A	N/A

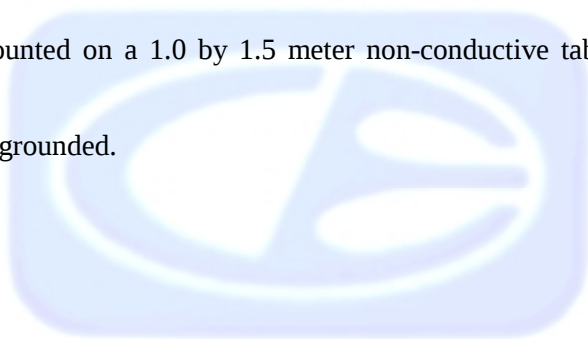
6. TEST SITE DESCRIPTION**6.1 Test Facility Description**

Please refer to section 2.1 and 7.1 of this report for EMI test location.

6.2 EUT Mounting, Bonding and Grounding

The EUT was mounted on a 1.0 by 1.5 meter non-conductive table 0.8 meters above the ground plane.

The EUT was not grounded.



7. TEST PROCEDURES

The following sections describe the test methods and the specifications for the tests. Test results are also included in this section.

7.1 Radiated Emissions (Spurious and Harmonics) Test

The spectrum analyzer was used as a measuring meter along with the quasi-peak adapter. Amplifiers were used to increase the sensitivity of the instrument. The Com-Power Active Loop Antenna Model: AL-130 was used for frequencies from 9 kHz to 30 MHz, the Com-Power Preamplifier Model: PA-103 was used for frequencies from 30 MHz to 1 GHz, and the Com-Power Microwave Preamplifier Model: PA-122 was used for frequencies from 1 GHz to 18 GHz. The spectrum analyzer was used in the peak detect mode with the "Max Hold" feature activated. In this mode, the spectrum analyzer records the highest measured reading over all the sweeps.

The measurement bandwidths and transducers used for the radiated emissions test were:

FREQUENCY RANGE	EFFECTIVE MEASUREMENT BANDWIDTH	TRANSDUCER
9 kHz to 150 kHz	200 Hz	Active Loop Antenna
150 kHz to 30 MHz	9 kHz	Active Loop Antenna
30 MHz to 300 MHz	120 kHz	Biconical Antenna
300 MHz to 1 GHz	120 kHz	Log Periodic Antenna
1 GHz to 9.2 GHz	1 MHz	Horn Antenna

The open field test site of Compatible Electronics, Inc. was used for radiated emission testing. This test site is set up according to ANSI C63.4. Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The turntable supporting the EUT is remote controlled using a motor. The turntable permits EUT rotation of 360 degrees in order to maximize emissions. Also, the antenna mast allows height variation of the antenna from 1 meter to 4 meters. Data was collected in the worst case (highest emission) configuration of the EUT. At each reading, the EUT was rotated 360 degrees and the antenna height was varied from 1 to 4 meters (for E field radiated field strength). The gunsight method was used when measuring with the horn antenna in order to ensure accurate results. The loop antenna was also rotated in the horizontal and vertical axis in order to ensure accurate results.

The presence of ambient signals was verified by turning the EUT off. In case an ambient signal was detected, the measurement bandwidth was reduced temporarily and verification was made that an additional adjacent peak did not exist. This ensures that the ambient signal does not hide any emissions from the EUT. The EUT was tested at a 3 meter test distance to obtain final test data. The final qualification data sheets are located in Appendix E.

8. CONCLUSIONS

The Sensor Link Room Temperature Transmitter Model: 904710-00 meets all of the **Class B** specification limits defined in CFR Title 47, Part 15, Subpart B; and Subpart C, sections 15.205, 15.209, and 15.249.



APPENDIX A

LABORATORY RECOGNITIONS

LABORATORY RECOGNITIONS

Compatible Electronics has the following agency accreditations:

National Voluntary Laboratory Accreditation Program - Lab Code: 200528-0

Voluntary Control Council for Interference - Registration Numbers: R-983, C-1026, R-984 and C-1027

Bureau of Standards and Metrology Inspection - Reference Number: SL2-IN-E-1031

Conformity Assessment Body for the EMC Directive Under the US/EU MRA Appointed by NIST

Compatible Electronics is recognized or on file with the following agencies:

Federal Communications Commission

Industry Canada

Radio-Frequency Technologies (Competent Body)

APPENDIX B

MODIFICATIONS TO THE EUT

MODIFICATIONS TO THE EUT

The modifications listed below were made to the EUT to pass FCC 15.249 or FCC Class B specifications.

All the rework described below was implemented during the test in a method that could be reproduced in all the units by the manufacturer.

R1 and R2 resistors changed to 27 ohms and R3 resistor changed to 33 ohms





APPENDIX C

***ADDITIONAL MODELS COVERED
UNDER THIS REPORT***

ADDITIONAL MODELS COVERED UNDER THIS REPORT

USED FOR THE PRIMARY TEST

Sensor Link Room Temperature Transmitter
Model: 904710-00
S/N: N/A

There are no additional models covered under this report.

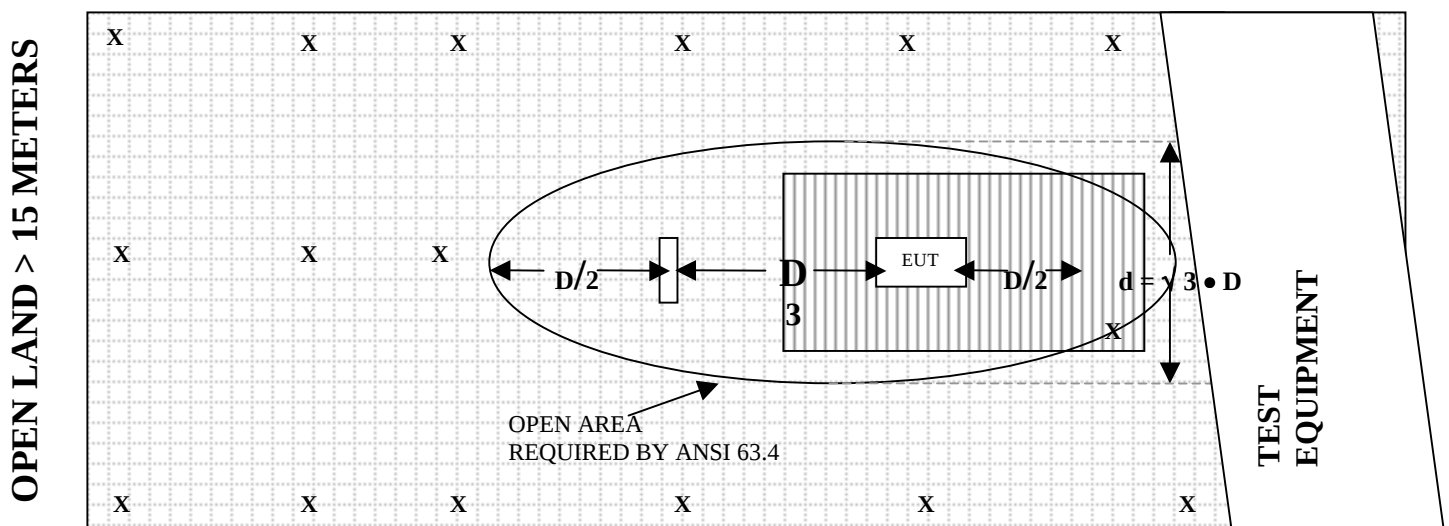


APPENDIX D

DIAGRAMS, CHARTS, AND PHOTOS

**FIGURE 1: PLOT MAP AND LAYOUT OF
3 METER RADIATED TEST SITE**

OPEN LAND > 15 METERS



OPEN LAND > 15 METERS

X	= GROUND RODS		= GROUND SCREEN
D	= TEST DISTANCE (meters)		= WOOD COVER

COM-POWER AL-130**LOOP ANTENNA**

S/N: 17070

CALIBRATION DATE: JULY 8, 2003

FREQUENCY (MHz)	MAGNETIC (dB/m)	ELECTRIC (dB/m)
0.009	-40.0	11.5
0.01	-40.1	11.4
0.02	-41.3	10.2
0.05	-41.7	9.8
0.07	-41.3	10.2
0.1	-41.5	10.0
0.2	-43.8	7.7
0.3	-41.4	10.1
0.5	-41.3	10.2
0.7	-41.2	10.3
1	-40.8	10.7
2	-40.3	11.2
3	-40.6	10.9
4	-40.7	10.8
5	-40.1	11.4
10	-40.5	11.0
15	-41.3	10.2
20	-41.1	10.4
25	-41.7	9.8
30	-43.1	8.4

COM-POWER AB-900

BICONICAL ANTENNA

S/N: 15226

CALIBRATION DATE: APRIL 21, 2004

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	11.00	120	13.20
35	10.80	125	13.30
40	11.20	140	12.50
45	9.00	150	12.10
50	11.40	160	12.80
60	10.30	175	15.60
70	8.10	180	15.70
80	5.80	200	16.40
90	7.80	250	14.90
100	11.10	300	24.60

COM-POWER AL-100

LOG PERIODIC ANTENNA

S/N: 16202

CALIBRATION DATE: FEBRUARY 18, 2004

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
300	12.90	700	19.60
400	14.40	800	21.80
500	17.40	900	20.50
600	18.90	1000	22.70

COM-POWER AH-118**HORN ANTENNA**

S/N: 10085

CALIBRATION DATE: JANUARY 8, 2004

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	24.5	10.0	38.7
1.5	26.7	10.5	39.2
2.0	30.8	11.0	39.2
2.5	30.3	11.5	40.3
3.0	30.3	12.0	41.2
3.5	30.7	12.5	41.7
4.0	31.3	13.0	41.5
4.5	32.6	13.5	41.7
5.0	33.9	14.0	41.6
5.5	34.3	14.5	44.2
6.0	34.3	15.0	47.6
6.5	39.4	15.5	42.5
7.0	37.1	16.0	42.3
7.5	38.6	16.5	41.7
8.0	39.4	17.0	43.9
8.5	39.3	17.5	48.7
9.0	38.7	18.0	52.4
9.5	38.7		

COM-POWER PA-103**PREAMPLIFIER**

S/N: 1582

CALIBRATION DATE: MARCH 11, 2004

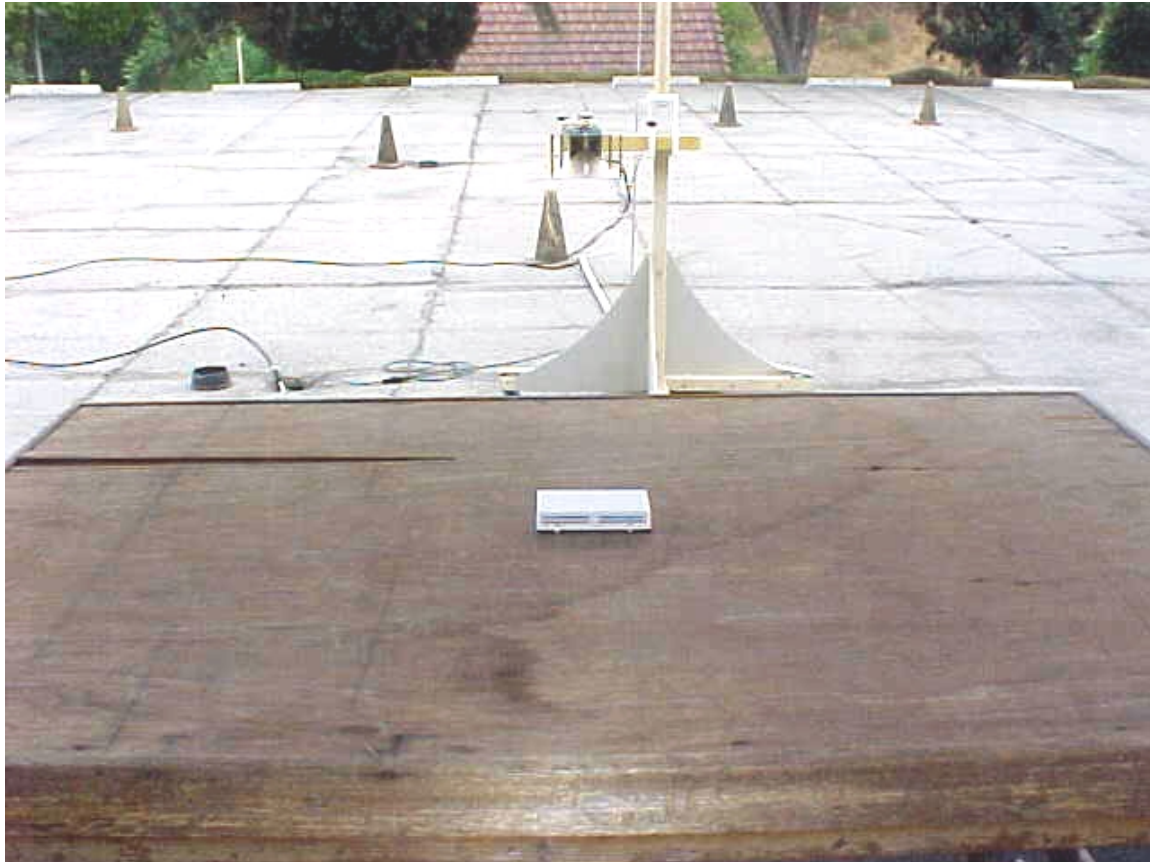
FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	32.4	300	32.3
40	32.4	350	32.2
50	32.4	400	32.2
60	32.5	450	32.0
70	32.4	500	32.0
80	32.3	550	31.8
90	32.3	600	31.7
100	32.3	650	31.7
125	32.4	700	31.7
150	32.2	750	31.9
175	32.4	800	31.4
200	32.4	850	31.4
225	32.5	900	31.0
250	32.3	950	31.4
275	32.1	1000	31.4

COM-POWER PA-122**MICROWAVE PREAMPLIFIER**

S/N: 25196

CALIBRATION DATE: MARCH 4, 2004

FREQUENCY (GHz)	FACTOR (dB)	FREQUENCY (GHz)	FACTOR (dB)
1.0	32.1	6.0	28.9
1.1	32.0	6.5	29.3
1.2	31.8	7.0	29.7
1.3	31.6	7.5	29.8
1.4	31.5	8.0	29.9
1.5	31.4	8.5	30.2
1.6	31.2	9.0	30.3
1.7	31.0	9.5	29.9
1.8	30.8	10.0	29.3
1.9	30.7	11.0	28.5
2.0	30.5	12.0	30.5
2.5	30.0	13.0	31.1
3.0	29.7	14.0	29.9
3.5	29.2	15.0	29.8
4.0	28.6	16.0	29.1
4.5	28.4	17.0	28.0
5.0	28.3	18.0	26.0
5.5	28.5		

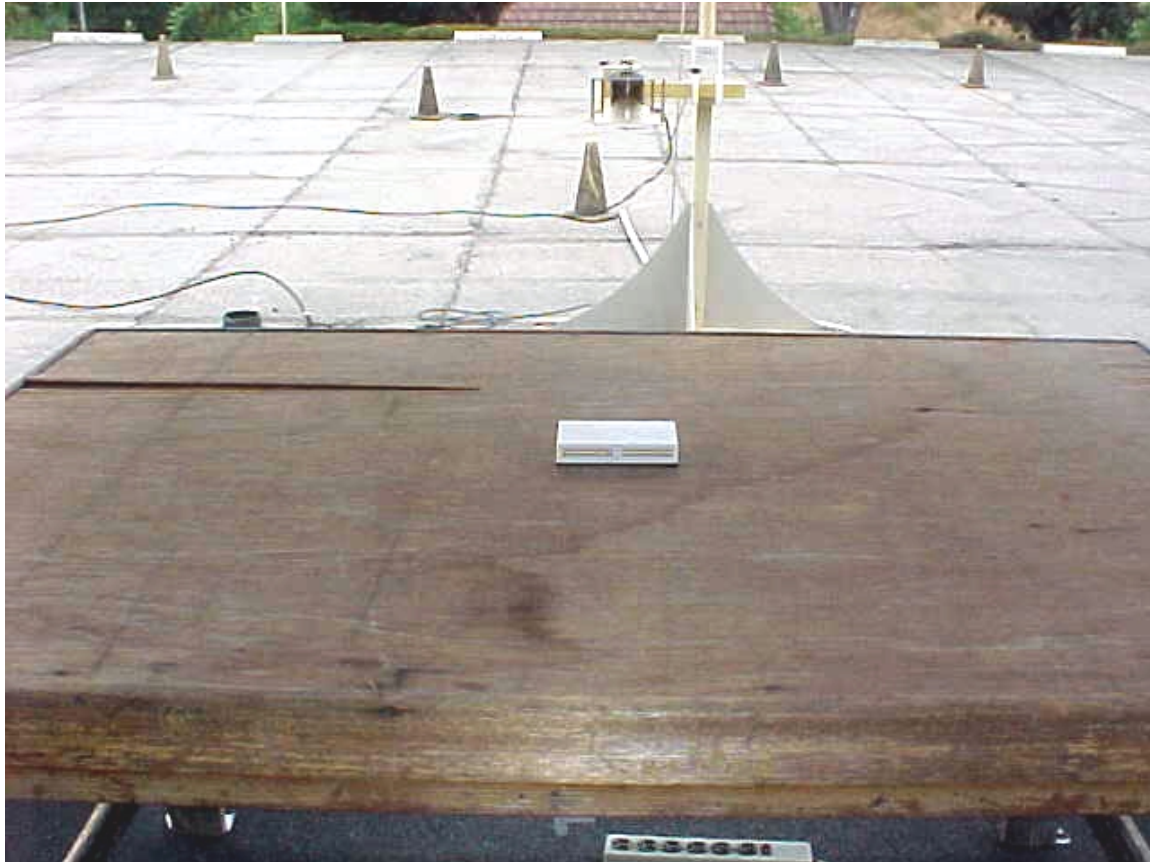


FRONT VIEW

HEAT-TIMER CORPORATION
SENSOR LINK ROOM TEMPERATURE TRANSMITTER
MODEL: 904710-00

FCC SUBPART B AND C - RADIATED EMISSIONS – 06-23-04 and 06-25-04

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



REAR VIEW

HEAT-TIMER CORPORATION
SENSOR LINK ROOM TEMPERATURE TRANSMITTER
MODEL: 904710-00

FCC SUBPART B AND C - RADIATED EMISSIONS – 06-23-04 and 06-25-04

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**

APPENDIX E

DATA SHEETS



RADIATED EMISSIONS (FCC SECTION 15.249)

COMPANY	UNIVERSAL ELECTRONICS	DATE	6/23/2004
EUT	SENSOR LINK ROOM TEMPERATURE TRANSMITTER	DUTY CYCLE	N/A %
MODEL	MODEL: 904710-00	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	JAMES ROSS	LAB	A

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
915.3000	62.7	Q	H	1.0	190	X	LOW	20.8	6.3		0.0		89.8	-4.2	94.0	
915.3000	49.1	Q	H	1.0	75	Y	LOW	20.8	6.3		0.0		76.2	-17.8	94.0	
915.3000	61.9	Q	H	1.0	200	Z	LOW	20.8	6.3		0.0		89.0	-5.0	94.0	
915.3000	56.8	Q	V	1.7	90	X	LOW	20.8	6.3		0.0		83.9	-10.1	94.0	
915.3000	62.8	Q	V	1.0	180	Y	LOW	20.8	6.3		0.0		89.9	-4.1	94.0	
915.3000	55.5	Q	V	1.0	270	Z	LOW	20.8	6.3		0.0		82.6	-11.4	94.0	
Modifications: R1 and R2 resistors changed to 27 ohms and R3 resistor changed to 33 ohms																

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
** DELTA = SPEC LIMIT - CORRECTED READING

Brea Division
114 Olinda Drive
Brea, CA 92823
(714) 579-0500

Agoura Division
2337 Troudale Drive
Agoura, CA 91301
(818) 597-0600

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19121 El Toro Road
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20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400



RADIATED EMISSIONS (FCC SECTION 15.249)

COMPANY	HEAT-TIMER CORPORATION	DATE	6/23/2004
EUT	SENSOR LINK ROOM TEMPERATURE TRANSMITTER	DUTY CYCLE	N/A %
MODEL	MODEL: 904710-00	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	JAMES ROSS	LAB	A

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
1830.6000	48.4	45.1	A	H	1.0	35	X	LOW	29.4	6.2	30.8	0.0	49.9	-4.1	54.0	
1830.6000	43.8		A	H	1.5	90	Y	LOW	29.4	6.2	30.8	0.0	48.6	-5.4	54.0	
1830.6000	50.4	47.9	A	H	1.0	175	Z	LOW	29.4	6.2	30.8	0.0	52.7	-1.3	54.0	
1830.6000	46.4	40.7	A	V	2.0	170	X	LOW	29.4	6.2	30.8	0.0	45.5	-8.5	54.0	
1830.6000	49.5	45.7	A	V	1.5	270	Y	LOW	29.4	6.2	30.8	0.0	50.5	-3.5	54.0	
1830.6000	45.2		A	V	1.0	85	Z	LOW	29.4	6.2	30.8	0.0	50.0	-4.0	54.0	
Modifications: R1 and R2 resistors changed to 27 ohms and R3 resistor changed to 33 ohms																

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
** DELTA = SPEC LIMIT - CORRECTED READING

Brea Division
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Brea, CA 92823
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2337 Troutdale Drive
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19121 El Toro Road
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RADIATED EMISSIONS (FCC SECTION 15.249)

COMPANY	HEAT-TIMER CORPORATION	DATE	6/23/2004
EUT	SENSOR LINK ROOM TEMPERATURE TRANSMITTER	DUTY CYCLE	N/A %
MODEL	MODEL: 904710-00	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	JAMES ROSS	LAB	A

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
2745.9000	47.8	43.1 A	H	2.6	25	X	LOW	30.3	5.1	29.9	0.0		48.6	-5.4	54.0	
2745.9000	46.8	41.3 A	H	2.4	30	Y	LOW	30.3	5.1	29.9	0.0		46.8	-7.2	54.0	
2745.9000	47.3	42.5 A	H	2.0	25	Z	LOW	30.3	5.1	29.9	0.0		48.0	-6.0	54.0	
2745.9000	47.0	41.3 A	V	2.0	90	X	LOW	30.3	5.1	29.9	0.0		46.8	-7.2	54.0	
2745.9000	48.3	43.9 A	V	1.5	80	Y	LOW	30.3	5.1	29.9	0.0		49.4	-4.6	54.0	
2745.9000	46.9	42.0 A	V	1.0	0	Z	LOW	30.3	5.1	29.9	0.0		47.5	-6.5	54.0	
Modifications: R1 and R2 resistors changed to 27 ohms and R3 resistor changed to 33 ohms																

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
** DELTA = SPEC LIMIT - CORRECTED READING

Brea Division
114 Olinda Drive
Brea, CA 92823
(714) 579-0500

Agoura Division
2337 Troutdale Drive
Agoura, CA 91301
(818) 597-0600

Silverado Division
19121 El Toro Road
Silverado, CA 92676
(949) 589-0700

Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400



RADIATED EMISSIONS (FCC SECTION 15.249)

COMPANY	HEAT-TIMER CORPORATION	DATE	6/23/2004
EUT	SENSOR LINK ROOM TEMPERATURE TRANSMITTER	DUTY CYCLE	N/A %
MODEL	MODEL: 904710-00	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	JAMES ROSS	LAB	A

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
3661.2000	42.9	33.4	A	H	2.7	135	X	LOW	30.9	6.9	29.0	0.0	42.2	-11.8	54.0	
3661.2000	43.3	35.7	A	H	1.7	20	Y	LOW	30.9	6.9	29.0	0.0	44.4	-9.6	54.0	
3661.2000	42.9	38.9	A	H	2.0	80	Z	LOW	30.9	6.9	29.0	0.0	47.7	-6.3	54.0	
3661.2000	42.6	34.4	A	V	2.5	88	X	LOW	30.9	6.9	29.0	0.0	43.2	-10.8	54.0	
3661.2000	42.1		A	V	3.0	0	Y	LOW	30.9	6.9	29.0	0.0	50.9	-3.1	54.0	
3661.2000	42.1		A	V	1.8	30	Z	LOW	30.9	6.9	29.0	0.0	50.9	-3.1	54.0	
Modifications: R1 and R2 resistors changed to 27 ohms and R3 resistor changed to 33 ohms																

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN
** DELTA = SPEC LIMIT - CORRECTED READING

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COMPANY	HEAT-TIMER CORPORATION	DATE	6/23/2004
EUT	SENSOR LINK ROOM TEMPERATURE TRANSMITTER	DUTY CYCLE	N/A %
MODEL	MODEL: 904710-00	PEAK TO AVG	N/A dB
S/N	N/A	TEST DIST.	3 Meters
TEST ENGINEER	JAMES ROSS	LAB	A

Frequency (MHz)	Comments
4576.5000	No Emissions Found
5491.8000	No Emissions Found
6407.1000	No Emissions Found
7322.4000	No Emissions Found
8237.7000	No Emissions Found
9153.0000	No Emissions Found

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RADIATED EMISSIONS

DATA SHEETS

Test Location : Compatible Electronics Page : 1/1
Customer : HEAT TIMER Date : 6/25/2004
Manufacturer : HEAT TIMER Time : 11:17:19
Eut name : SENSOR LINK ROOM TEMPERATURE TRANSM Lab : A
Model : 904710-00 Test Distance : 3
Serial # :
Specification : FCC Class B
Distance correction factor ($20 * \log(\text{test}/\text{spec})$) : 0.00
Test Mode : TESTED BY JOSE NOZOT

Pol	Freq	Rdng	Cable	Ant	Amp	Cor'd	Limit	Delta
	MHz	dBuV	loss	factor	gain	rdg = R	= L	R-L
			dB	dB	dB	dBuV	dBuV/m	dB

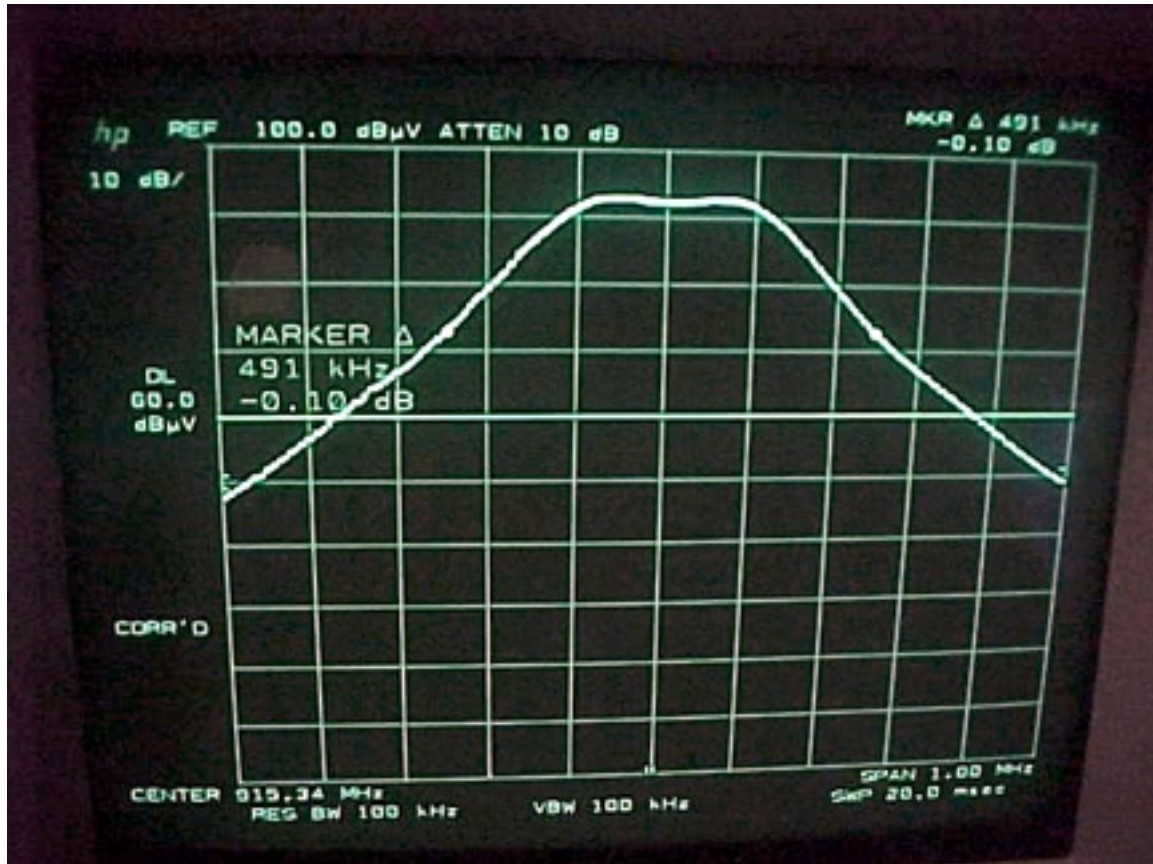
-20 dB BANDWIDTH

PHOTOGRAPHS



HEAT-TIMER CORPORATION
SENSOR LINK ROOM TEMPERATURE TRANSMITTER
MODEL: 904710-00
FCC SUBPART C – -20dB BANDWIDTH – 06-25-04

PHOTOGRAPH SHOWING THE -20dB BANDWIDTH



HEAT-TIMER CORPORATION
SENSOR LINK ROOM TEMPERATURE TRANSMITTER
MODEL: 904710-00
FCC SUBPART C – -20dB BANDWIDTH – 06-25-04

PHOTOGRAPH SHOWING THE -20dB BANDWIDTH