



FCC CFR47 PART 95 REQUIREMENT

CLASS II PERMISSIVE CHANGE CERTIFICATION REPORT

FOR

TRANSMITTER FOR MEDICAL

MODEL: ZM-940PA

FCC ID: B6BZM-940PA

REPORT NUMBER: 06J10122-1

ISSUE DATE: MARCH 17, 2006

Prepared for

NIHON KOHDEN CORPORATION 1-31-4, NISHIOCHIAI SHINJUKU-KU TOKYO 161-8560, JAPAN

Prepared by

COMPLIANCE CERTIFICATION SERVICES 561F MONTEREY ROAD, MORGAN HILL, CA 95037, USA

> TEL: (408) 463-0885 FAX: (408) 463-0888



Revision History

	Issue		
Rev.	Date	Revisions	Revised By
A	3/17/06	Initial Issue	Thu

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REPORT NO: 06J10122-1 EUT: TRANSMITTER FOR MEDICAL

1. ATTESTATION OF TEST RESULTS

COMPANY NAME: NIHON KOHDEN CORPORATION

1-31-4, NISHIOCHIAI SHINJUKU-KU

TOKYO 161-8560, JAPAN

EUT DESCRIPTION: TRANSMITTER FOR MEDICAL

MODEL: ZM-940PA

SERIAL NUMBER: 92002

DATE TESTED: MARCH 13 - 14, 2006

APPLICABLE STANDARDS

STANDARD TEST RESULTS

FCC PART 95 SUBPART H NO NON-COMPLIANCE NOTED

Compliance Certification Services, Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by Compliance Certification Services and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by Compliance Certification Services will constitute fraud and shall nullify the document. No part of this report may be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any government agency.

Approved & Released For CCS By: Tested By:

THU CHAN ALVIN ILARINA EMC SUPERVISOR EMC ENGINEER

COMPLIANCE CERTIFICATION SERVICES COMPLIANCE CERTIFICATION SERVICES

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DATE: MARCH 17, 2006 FCC ID: B6BZM-940PA

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with TIA/EIA 603C (2004), ANSI C63.4-2003, FCC CFR 47 Part 2, FCC CFR 47 Part 15 and FCC CFR 47 Part 95.

DATE: MARCH 17, 2006 FCC ID: B6BZM-940PA

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 561F Monterey Road, Morgan Hill, California, USA. The sites are constructed in conformance with the requirements of ANSI C63.4, ANSI C63.7 and CISPR Publication 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

CCS is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at http://www.ccsemc.com.

4. CALIBRATION AND UNCERTAINTY

4.1 MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	UNCERTAINTY
Radiated Emission, 30 to 200 MHz	+/- 3.3 dB
Radiated Emission, 200 to 1000 MHz	+4.5 / -2.9 dB
Radiated Emission, 1000 to 2000 MHz	+4.5 / -2.9 dB
Power Line Conducted Emission	+/- 2.9 dB

Uncertainty figures are valid to a confidence level of 95%.

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EQUIPMENT UNDER TEST

DESCRIPTION OF EUT 5.1

a). Type of EUT: WMTS TRANSMITTER b). Brand Name: NIHON KOHDEN

c). Model No: ZM-940PA d). FCC ID: B6BZM-940PA e). Power Supply: 4.5 VDC (3 x AA) f). Number of Channels: 239 Channels

g). Frequency Range: $608.025 \sim 613.9750 \text{ MHz}.$

h). RF Conducted Output Power:

i). Channel Spacing: 50 KHz (25 KHz when interleave)

j). Type of Modulation: F₁D

k). Antenna Type: INTERNAL (HELICAL MONOPOLE)

1). Antenna Gain: 0 dBi

CLASS II CHANGE DESCRIPTION 5.2

The major change field under this EUT is:

Original Filing Class II Permissive Change R011 (2000hm) L011 (27nH) R013 (806Ohm) not mounted R014 (806Ohm) not mounted C001 (not mounted) C001 (3pF)

5.3 **MAXIMUM OUTPUT POWER**

The transmitter has same maximum peak conducted output power as previous project.

5.4 SOFTWARE AND FIRMWARE

The firmware installed in the EUT during testing was Channel Writer Application rev. 1.0.1.0.

The EUT driver software installed in the host support equipment during testing was QI901PK, rev. 02 01.

The test utility software used during testing was Channel.exe.

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or revised by Compliance Certification Services personnel only, and shall be noted in the revision section of the document.

5.5 WORST-CASE CONFIGURATION AND MODE

The worst-case channel is determined as the channel with the highest output power.

DATE: MARCH 17, 2006

6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

DATE: MARCH 17, 2006

TEST EQUIPMENT LIST						
Name of Equipment	Manufacturer	Model No.	Serial No.	Due Date		
Antenna, Horn 1 ~ 18 GHz	EMCO	3115	2238	4/22/2006		
Preamplifier, 1 ~ 26 GHz	Agilent / HP	8449B	3008A00931	6/24/2006		
Spectrum Analyzer, 26.5 GHz	Agilent / HP	8593EM	3710A00205	7/26/2006		
EMI Receiver, 9 kHz ~ 2.9 GHz	Agilent / HP	8542E	3942A00286	2/4/2007		
RF Filter Section	Agilent / HP	85420E	3705A00256	2/4/2007		
Antenna, Bilog 30 MHz ~ 2 Ghz	Sunol Sciences	JB1	A121003	9/3/2006		
EMI Test Receiver	R & S	ESIB40	100192	5/9/2006		

7. SETUP OF EQUIPMENT UNDER TEST

SUPPORT EQUIPMENT

N/A

I/O CABLES

	TEST I / O CABLES									
Cable	Cable I/O # of I/O Connector Type of Cable Data									
No	Port	Port	Туре	Cable	Length	Traffic	Bundled	Remark		
1	ECG	1	ECG	Un-shielded	.7m	Yes	No	N/A		
2	Sp02	1	Sp02	Un-shielded	.7m	Yes	No	Probe		
3	NIBP	1	NIBP socket	Rubber	3m	No	No	Connect to Arm Cuff		

TEST SETUP

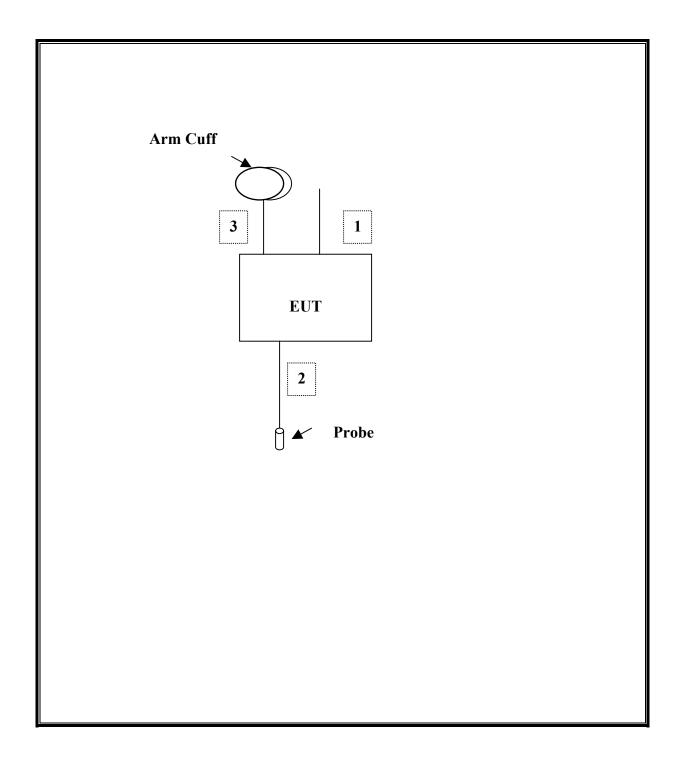
The EUT was installed with three 1.5 VDC batteries (periodically changed to ensure 4.5 VDC output). The EUT was tested in the X, Y, and Z positions, X was found to be worst case. During the testing process the EUT was put in continuous transmit mode.

DATE: MARCH 17, 2006

FCC ID: B6BZM-940PA

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SETUP DIAGRAM FOR TEST



8. FIELD STRENGTH AND UNDESIRED EMISSIONS MEASUREMENT

PROVISIONS APPLICABLE

According to CFR 47 section 95.1115 (a) & (b).

LIMIT

(a) FUNDAMENTAL

FREQUENCY	LIMIT
(MHz)	(dBuV/m)
608-614	106 QUASI-PEAK

(b) SPURIOUS

FREQUENCY	LIMIT
(MHz)	(dBuV/m)
30-960	46 QUASI-PEAK
>960	54 AVERAGE

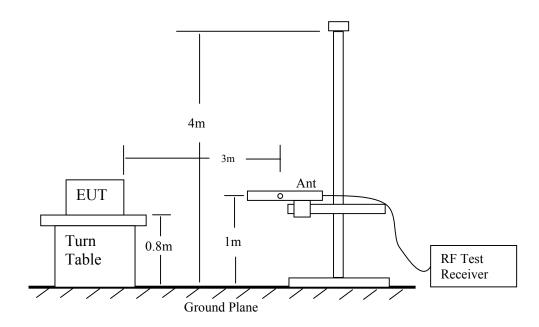
TEST PROCEDURE

- 1). On a test site, the EUT shall be placed on a turntable, and in the position closest to the normal use as declared by the user.
- 2). The test antenna shall be oriented initially for vertical and horizontal polarization located 3m from the EUT to correspond to the frequency of the transmitter.
- 3). The output of the test antenna shall be connected to the measuring receiver and either a peak or quasi-peak detector was used for the measurement as indicated on the report. The detector selection is based on how close the emission level was approaching the limit.
- 4). The transmitter shall be placed 0.80 meter above the ground plane, the X, Y, and Z positions shall be tested and the worst case reported. The transmitter shall be switched on with typical modulation and the measurement receiver shall be tuned to the frequency of the transmitter under test.
- 5). The test antenna shall be raised and lowered through the specified range of height until a maximum signal level is detected by the measuring receiver.
- 6). The transmitter shall than be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver.

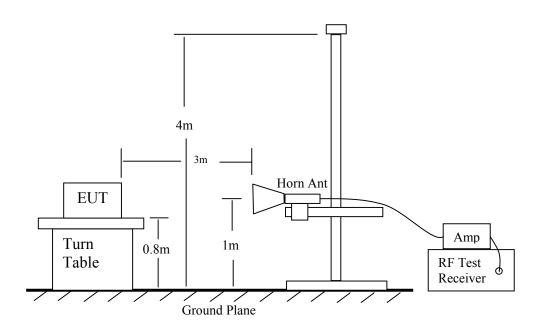
DATE: MARCH 17, 2006 FCC ID: B6BZM-940PA

REPORT NO: 06J10122-1 DATE: MARCH 17, 2006 EUT: TRANSMITTER FOR MEDICAL FCC ID: B6BZM-940PA

- 7). The test antenna shall be raised and lowered again through the specified range of height until a maximum signal level is detected by the measuring receiver.
- 8). The maximum signal level detected by the measuring receiver shall be noted.



Radiated Emission Measurement 30 to 1000 MHz



Radiated Emission Above 1000 MHz

RESULT:

No non-compliance noted:

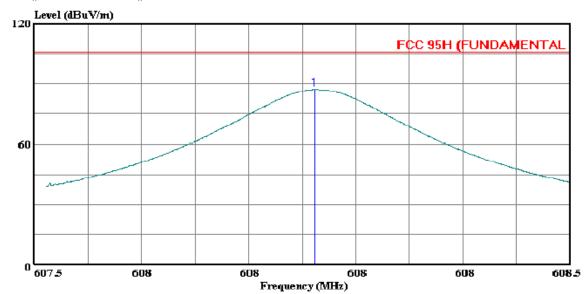
95.1115 (a)

LOW CHANNEL (VERTICAL)



561F Monterey Road Morgan Hill, CA 95037 Tel: (408) 463-0888 Fax: (408) 463-0885

Data#: 23 File#: Tx 30-1000MHz 2.EMI Date: 03-14-2006 Time: 20:26:16



(Audix ATC)

Trace: 22 Ref Trace:

Condition: FCC 95H (FUNDAMENTAL VERTICAL

Test Operator : Alvin Ilarina

Project # : 06J10122 Company : Nihon Kohden

EUT : Transmitter for Medical

Model No : ZM-940PA Serial Number : 92002

Configuration : EUT w/ECG, SPO2, Arm Cuff

Mode of operation: TX Low X Target of Test : FCC Part 95H

Page: 1

Read Limit Over
Freq Level Factor Level Line Limit Remark

MHz dBuV dB dBuV/m dBuV/m dB

1 608.023 65.42 21.63 87.05 106.00 -18.95 Peak

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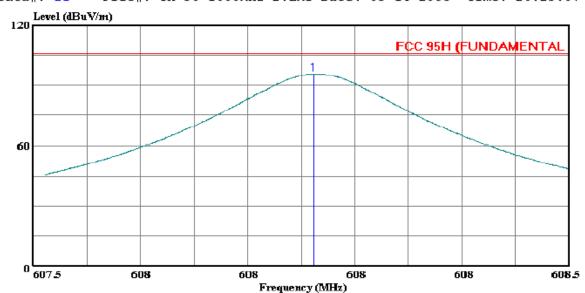
95.1115 (a)



LOW CHANNEL (HORIZONTAL)

561F Monterey Road Morgan Hill, CA 95037 Tel: (408) 463-0888 Fax: (408) 463-0885

Data#: 21 File#: Tx 30-1000MHz 2.EMI Date: 03-14-2006 Time: 20:23:07



(Audix ATC)

Trace: 20 Ref Trace:

Condition: FCC 95H (FUNDAMENTAL HORIZONTAL

Test Operator : Alvin Ilarina Project # : 06J10122 Company : Nihon Kohden

EUT : Transmitter for Medical

Model No : ZM-940PA

Serial Number : 92002 Configuration : EUT w/ECG, SPO2, Arm Cuff

Mode of operation: TX Hi X

Target of Test : FCC Part 95H

Page: 1

Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB	dBuV/m	$\overline{\mathtt{dBuV/m}}$	dB	

608.023 74.00 21.63 95.63 106.00 -10.37 Peak

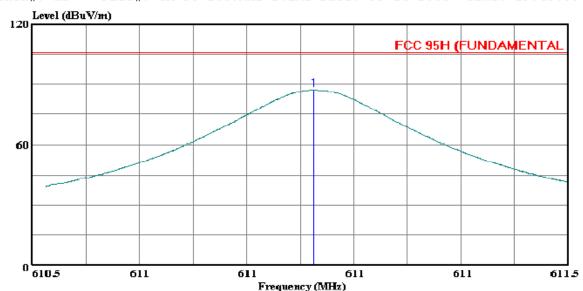
95.1115 (a)



MIDDLE CHANNEL (VERTICAL)

561F Monterey Road Morgan Hill, CA 95037 Tel: (408) 463-0888 Fax: (408) 463-0885

Data#: 11 File#: Tx 30-1000MHz 2.EMI Date: 03-14-2006 Time: 19:48:06



(Audix ATC)

Trace: 10 Ref Trace:

Condition: FCC 95H (FUNDAMENTAL VERTICAL

Test Operator : Alvin Ilarina Project # : 06J10122 Company : Nihon Kohden

EUT : Transmitter for Medical

Model No : ZM-940PA Serial Number : 92002

Serial Number : 92002 Configuration : EUT w/ECG, SPO2, Arm Cuff

Mode of operation: TX Mid X
Target of Test : FCC Part 95H

Page: 1

Read Limit Over
Freq Level Factor Level Line Limit Remark

MHz dBuV dB dBuV/m dBuV/m dB

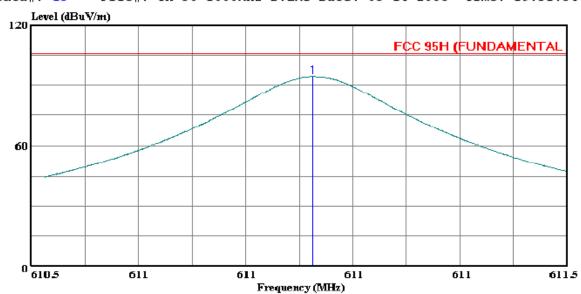
1 611.025 65.47 21.67 87.14 106.00 -18.86 Peak

95.1115 (a) **COMPLIANCE**

MIDDLE CHANNEL (HORIZONTAL)

561F Monterey Road Morgan Hill, CA 95037 Tel: (408) 463-0888 Fax: (408) 463-0885

Data#: 13 File#: Tx 30-1000MHz 2.EMI Date: 03-14-2006 Time: 19:51:34



(Audix ATC)

Trace: 12 Ref Trace:

Condition: FCC 95H (FUNDAMENTAL HORIZONTAL

Test Operator : Alvin Ilarina Project # : 06J10122 Company : Nihon Kohden

EUT : Transmitter for Medical

Model No : ZM-940PA

Serial Number : 92002 Configuration : EUT w/ECG, SPO2, Arm Cuff

Mode of operation: TX Mid X
Target of Test : FCC Part 95H

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Read Limit Over
Freq Level Factor Level Line Limit Remark

MHz dBuV dB dBuV/m dBuV/m dB

1 611.025 72.48 21.67 94.15 106.00 -11.85 Peak

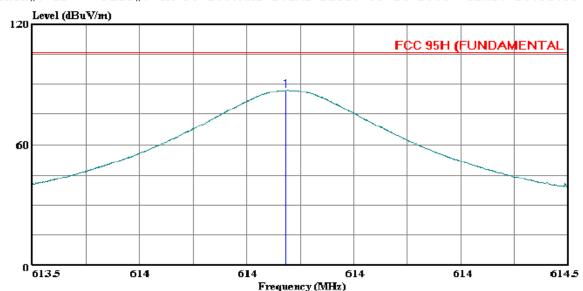
95.1115 (a)



HIGH CHANNEL (VERTICAL)

561F Monterey Road Morgan Hill, CA 95037 Tel: (408) 463-0888 Fax: (408) 463-0885

Data#: 25 File#: Tx 30-1000MHz 2.EMI Date: 03-14-2006 Time: 20:35:53



(Audix ATC)

Trace: 24 Ref Trace:

Condition: FCC 95H (FUNDAMENTAL VERTICAL

Test Operator : Alvin Ilarina Project # : 06J10122 Company : Nihon Kohden

EUT : Transmitter for Medical

Model No : ZM-940PA Serial Number : 92002

Serial Number : 92002 Configuration : EUT w/ECG, SPO2, Arm Cuff

Mode of operation: TX Hi X

Target of Test : FCC Part 95H

Page: 1

Remark	Over Limit		Level	Factor	Read Level	Freq
	dB	$\overline{\mathtt{dBuV/m}}$	$\overline{\mathtt{dBuV/m}}$	dB	——dBuV	MHz
Peak	-19.00	106.00	87.00	21.72	65.28	613.973

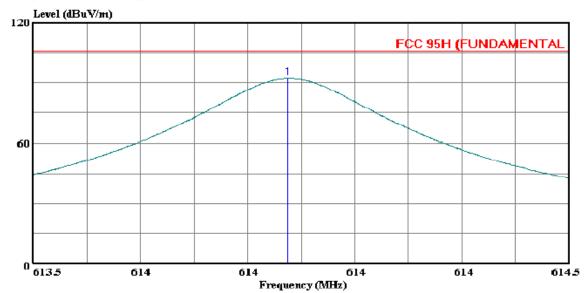
95.1115 (a)

HIGH CHANNEL (HORIZONTAL)



561F Monterey Road Morgan Hill, CA 95037 Tel: (408) 463-0888 Fax: (408) 463-0885

Data#: 27 File#: Tx 30-1000MHz 2.EMI Date: 03-14-2006 Time: 20:38:37



(Audix ATC)

Trace: 26 Ref Trace:

Condition: FCC 95H (FUNDAMENTAL HORIZONTAL

Test Operator : Alvin Ilarina

Project # : 06J10122 Company : Nihon Kohden

EUT : Transmitter for Medical

Model No : ZM-940PA Serial Number : 92002

Configuration : EUT w/ECG, SPO2, Arm Cuff

Mode of operation: TX Hi X Target of Test : FCC Part 95H

Page: 1

Read Limit Over
Freq Level Factor Level Line Limit Remark

MHz dBuV dB dBuV/m dBuV/m dB

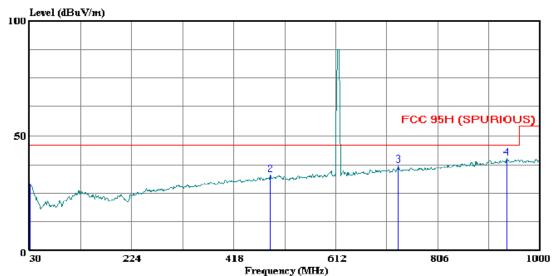
1 613.976 70.41 21.72 92.13 106.00 -13.87 Peak

95.1115 (b) LOW CHANNEL (VERTICAL UNDER 1 GHz)



561F Monterey Road Morgan Hill, CA 95037 Tel: (408) 463-0888 Fax: (408) 463-0885

Data#: 29 File#: Tx 30-1000MHz 2.EMI Date: 03-14-2006 Time: 20:48:05



(Audix ATC)

Ref Trace: Trace: 28

Condition: FCC 95H (SPURIOUS) VERTICAL

Test Operator : Alvin Ilarina Project # : 06J10122 Company : Nihon Kohden

EUT : Transmitter for Medical

Model No : ZM-940PA

Serial Number : 92002 Configuration : EUT w/ECG, SPO2, Arm Cuff

Mode of operation: TX Low X Target of Test : FCC Part 95H

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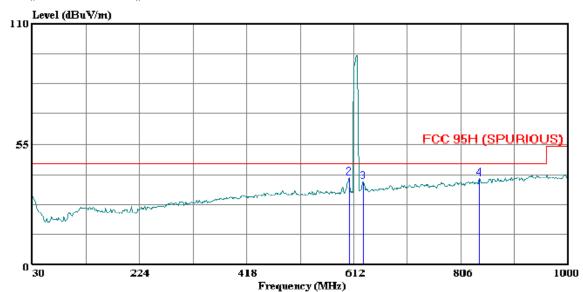
		Limit Over					
	Freq	Level	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dВ	dBuV/m	dBuV/m	dВ	
1	30.970	8.75	20.45	29.20	46.00	-16.80	Peak
2	487.840	13.01	20.00	33.01	46.00	-12.99	Peak
3	730.340	13.32	23.57	36.89	46.00	-9.11	Peak
4	935.980	13.72	26.33	40.05	46.00	-5.95	Peak

95.1115 (b) LOW CHANNEL (HORIZONTAL UNDER 1GHz)



561F Monterey Road Morgan Hill, CA 95037 Tel: (408) 463-0888 Fax: (408) 463-0885

File#: Tx 30-1000MHz 2.EMI Date: 03-14-2006 Time: 20:51:49 Data#: 31



(Audix ATC)

Ref Trace: Trace: 30

Condition: FCC 95H (SPURIOUS) HORIZONTAL

Test Operator : Alvin Ilarina

Project # : 06J10122 Company : Nihon Kohden

EUT : Transmitter for Medical

: ZM-940PA Model No Serial Number : 92002

: EUT w/ECG, SPO2, Arm Cuff Configuration

Mode of operation: TX Low X Target of Test : FCC Part 95H

Pag	e:	1

		Read			Limit	Over	
	Freq	Level	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dB	dBu√/m	dBu√/m	dB	
1	30.000	10.80	20.45	31.25	46.00	-14.75	Peak
2	604.240	18.19	21.58	39.77	46.00	-6.23	Peak
3	629.460	15.65	22.00	37.65	46.00	-8.35	Peak
4	838.980	14.23	25.10	39.33	46.00	-6.67	Peak

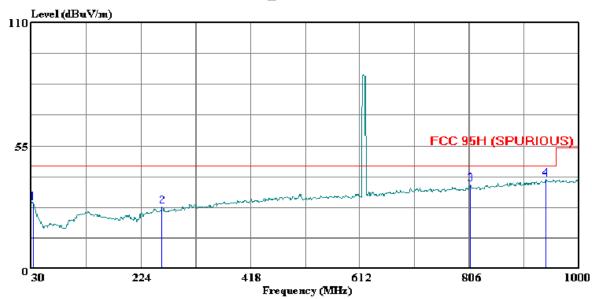
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95.1115 (b) MID CHANNEL (VERTICAL UNDER 1 GHz)



561F Monterey Road Morgan Hill, CA 95037 Tel: (408) 463-0888 Fax: (408) 463-0885

Data#: 34 File#: Tx 30-1000MHz_2.EMI Date: 03-15-2006 Time: 17:05:16



(Audix ATC)

Trace: 33 Ref Trace:

Condition: FCC 95H (SPURIOUS) VERTICAL

Test Operator : Alvin Ilarina Project # : 06J10122 Company : Nihon Kohden

EUT : Transmitter for Medical

Model No : ZM-940PA Serial Number : 92002

Serial Number : 92002 Configuration : EUT w/ECG, SPO2, Arm Cuff

Mode of operation: TX Mid X Target of Test : FCC Part 95H

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		Read			Limit	Over	
	Freq	Level	Factor	Level	Line	Limit	Remark
	MHz	dBuV		$\overline{\text{dBuV/m}}$	$\overline{\mathtt{dBuV/m}}$	dB	
1	32.910	9.41	19.94	29.35	46.00	-16.65	Peak
2	261.830	13.61	14.35	27.96	46.00	-18.05	Peak
3	807.940	13.19	24.69	37.88	46.00	-8.12	Peak
4	940.830	13.51	26.44	39.95	46.00	-6.05	Peak

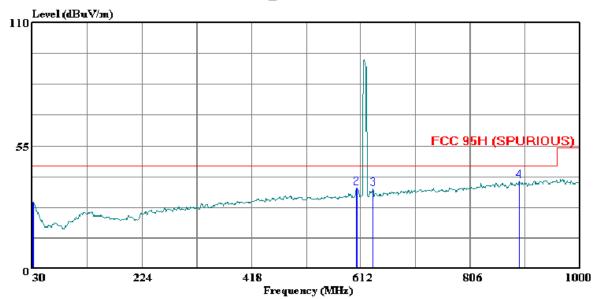
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95.1115 (b) MID CHANNEL (HORIZONTAL UNDER 1GHz)



561F Monterey Road Morgan Hill, CA 95037 Tel: (408) 463-0888 Fax: (408) 463-0885

Data#: 36 File#: Tx 30-1000MHz_2.EMI Date: 03-15-2006 Time: 17:06:44



(Audix ATC)

Trace: 35 Ref Trace:

Condition: FCC 95H (SPURIOUS) HORIZONTAL

Test Operator : Alvin Ilarina Project # : 06J10122 Company : Nihon Kohden

EUT : Transmitter for Medical

Model No : ZM-940PA Serial Number : 92002

Serial Number : 92002 Configuration : EUT w/ECG, SPO2, Arm Cuff

Mode of operation: TX Mid X Target of Test : FCC Part 95H

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		Read			Limit	Over	
	Freq	Level	Factor	Level	Line	Limit	Remark
	————— MHz	dBuV		$\overline{\text{dBuV/m}}$	dBuV/m	dB	
1	30.970	9.23	20.45	29.68	46.00	-16.32	Peak
2	604.240	14.41	21.58	35.99	46.00	-10.01	Peak
3	633.340	13.88	22.05	35.93	46.00	-10.07	Peak
4	892.330	13.31	25.88	39.19	46.00	-6.81	Peak

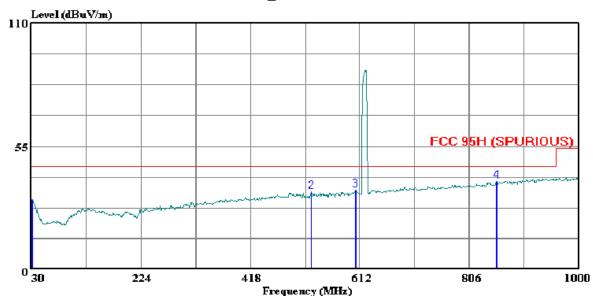
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95.1115 (b) HIGH CHANNEL (VERTICAL UNDER 1 GHz)



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Data#: 40 File#: Tx 30-1000MHz_2.EMI Date: 03-15-2006 Time: 17:14:03



(Audix ATC)

Trace: 39 Ref Trace:

Condition: FCC 95H (SPURIOUS) VERTICAL

Test Operator : Alvin Ilarina

Project # : 06J10122 Company : Nihon Kohden

EUT : Transmitter for Medical

: ZM-940PA Model No

Serial Number : 92002 Configuration : EUT w/ECG, SPO2, Arm Cuff

Mode of operation: TX Hi X Target of Test : FCC Part 95H

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Peak Peak
Peak Peak
F F

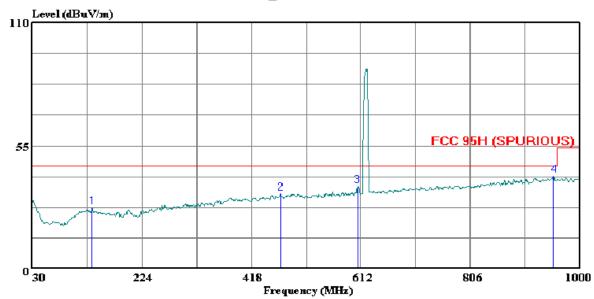
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95.1115 (b) HIGH CHANNEL (HORIZONTAL UNDER 1GHz)



561F Monterey Road Morgan Hill, CA 95037 Tel: (408) 463-0888 Fax: (408) 463-0885

Data#: 38 File#: Tx 30-1000MHz_2.EMI Date: 03-15-2006 Time: 17:12:24



(Audix ATC)

Trace: 37 Ref Trace:

Condition: FCC 95H (SPURIOUS) HORIZONTAL

Test Operator : Alvin Ilarina Project # : 06J10122 Company : Nihon Kohden

EUT : Transmitter for Medical

Model No : ZM-940PA Serial Number : 92002

Serial Number : 92002 Configuration : EUT w/ECG, SPO2, Arm Cuff

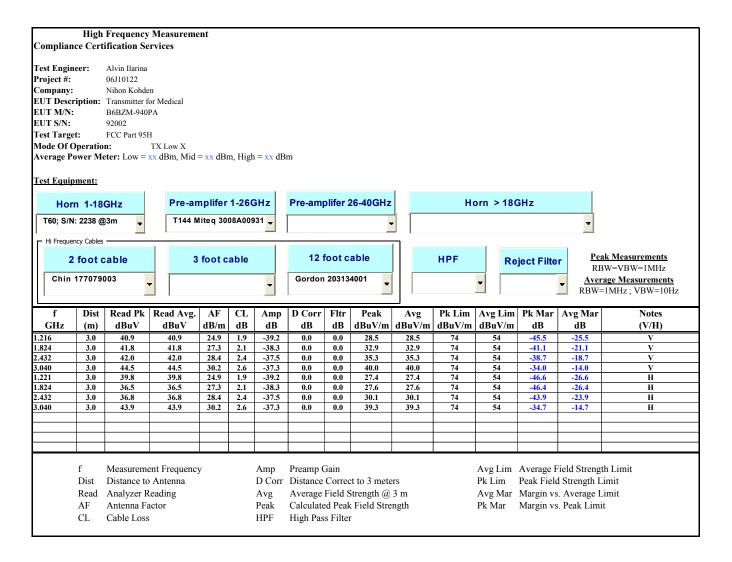
Mode of operation: TX Hi X Target of Test : FCC Part 95H

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		Read			Limit	Over	
	Freq	Level	Factor	Level	Line	Limit	Remark
	MHz	dBuV	dB	$\overline{\text{dBuV/m}}$	dBu√/m	dB	
1	135.730	12.56	14.96	27.52	46.00	-18.48	Peak
2	470.380	13.89	19.65	33.54	46.00	-12.46	Peak
3	606.180	15.29	21.63	36.92	46.00	-9.08	Peak
4	953.440	14.85	26.50	41.35	46.00	-4.65	Peak

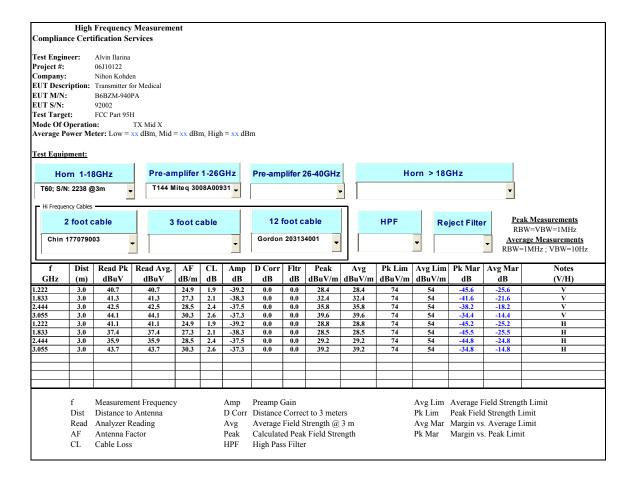
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95.1115 (b) LOW CHANNEL (VERTICAL & HORIZONTAL ABOVE 1GHz)

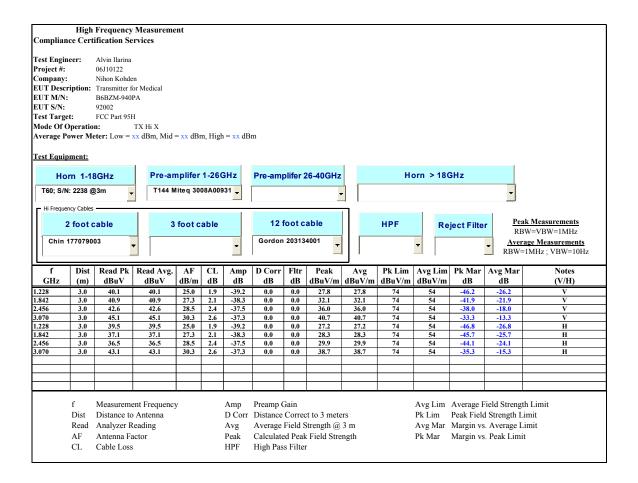


DATE: MARCH 17, 2006

95.1115 (b) MID CHANNEL (VERTICAL & HORIZONTAL ABOVE 1GHz)



95.1115 (b) HIGH CHANNEL (VERTICAL & HORIZONTAL ABOVE 1GHz)



9. EMISSION BANDWIDTH

PROVISIONS APPLICABLE

According to CFR 47 section 2.1049

LIMIT

The 26dB bandwidth shall be less than 20 KHz (F1D).

TEST PROCEDURE

The transmitter output is connected to the spectrum analyzer. The RBW is set to 1% to 3% of the 26dB bandwidth. The VBW is set to 3 times the RBW. The sweep time is coupled. The spectrum analyzer internal 26dB bandwidth function is utilized.

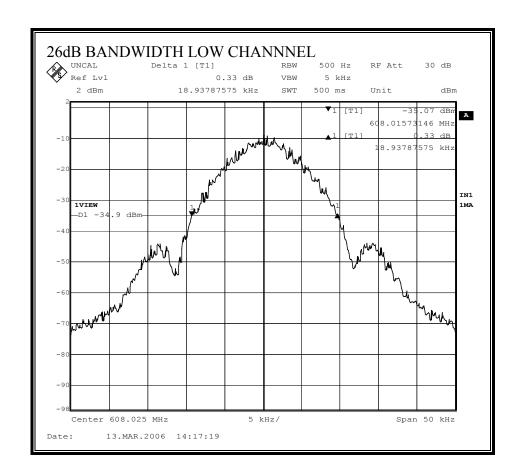


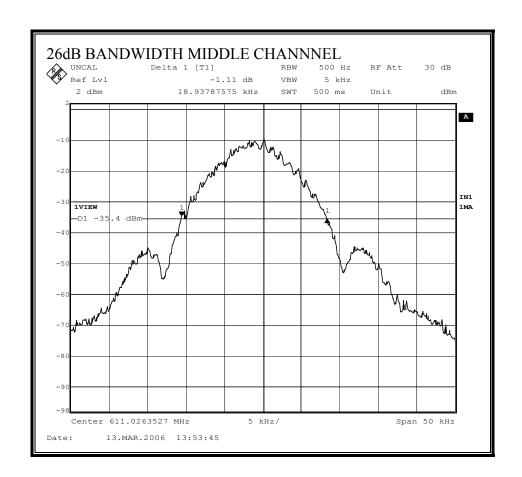
RESULTS

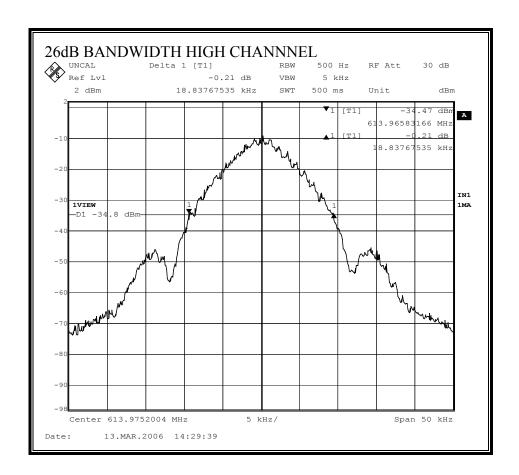
No non-compliance noted:

CHANNEL	FREQUENCY (MHz)	26 dB BANDWIDTH (KHz)
LOW	608.02	18.9
MIDDLE	611.02	18.9
HIGH	613.96	18.8

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10. SPURIOUS EMISSIONS AT ANTENNA TERMINAL

PROVISIONS APPLICABLE

According to CFR47 section 2.1051

LIMIT

All the conducted emission spurious level shall be at least -20dBc below the band that contains the highest level of desired power.

TEST PROCEDURE

The transmitter output is connected to a spectrum analyzer. The RBW is set to 100 kHz. The VBW is set to 300 kHz.

The spectrum from 30 MHz to 10 GHz is investigated with the transmitter set to the lowest, middle, and highest channels.

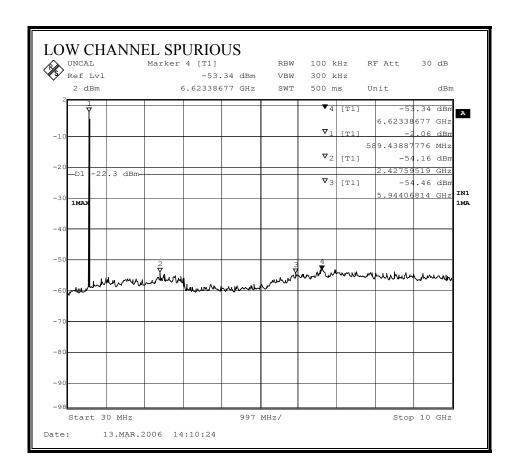


RESULTS

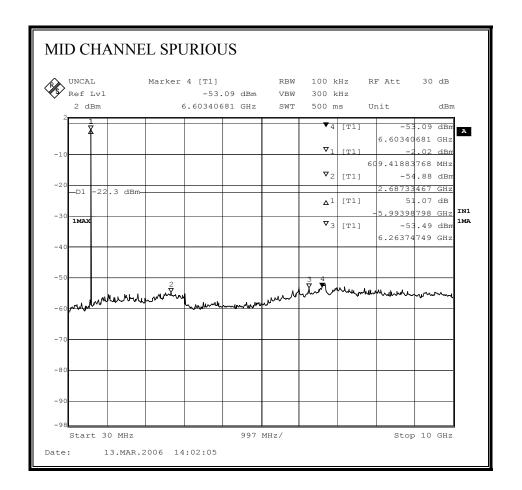
document.

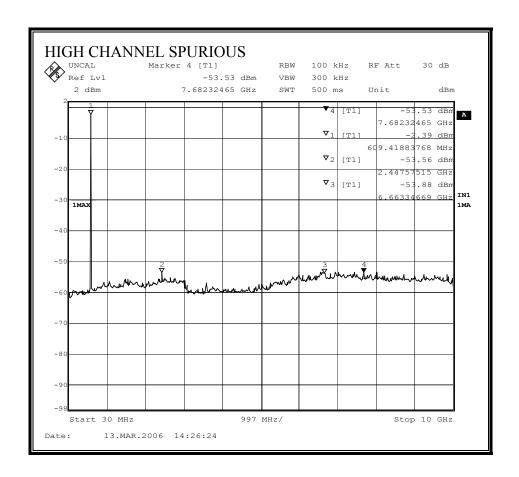
No non-compliance noted:

DATE: MARCH 17, 2006



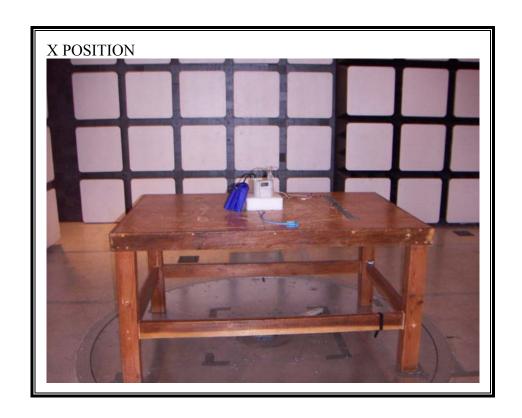
DATE: MARCH 17, 2006

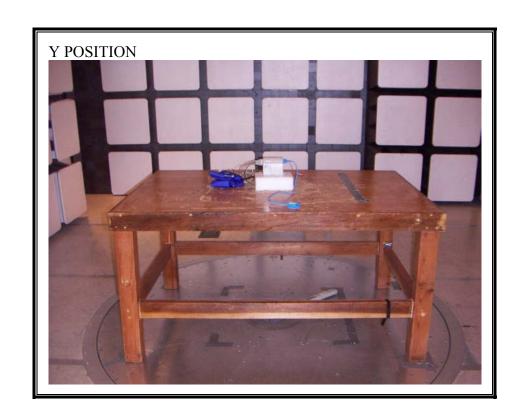


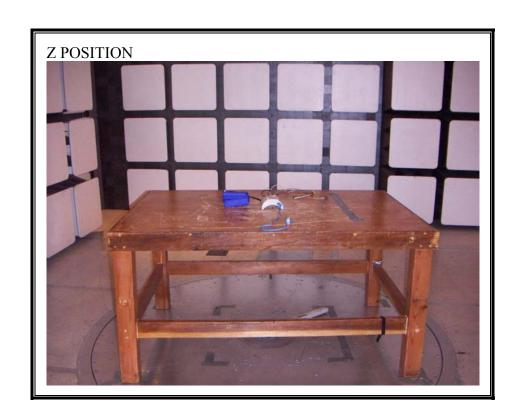


11. SETUP PHOTOS

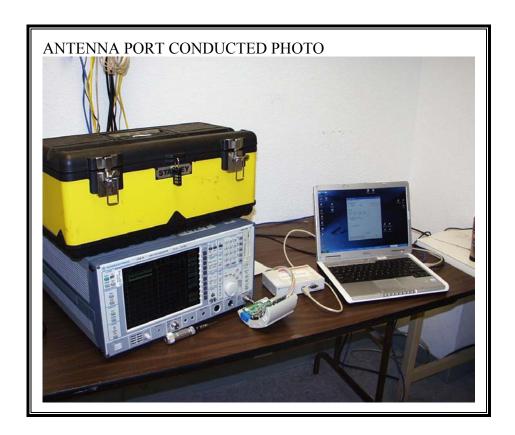
RADIATED RF MEASUREMENT SETUP







ANTENNA PORT CONDUCTED RF MEASUREMENT SETUP



END OF REPORT