APPLICATION FOR CERTIFICATION

On Behalf of

Non-Invasive Monitoring Systems, Inc.

Therapeutic Devices/Therapy Bed

Model No.: Exer-Rest

FCC ID: WI8RM107205

Brand: NIMS

Prepared for: Non-Invasive Monitoring Systems, Inc.

4400 Biscayne Blvd, Suite 680, Miami,

FL33137, USA

Prepared by: AUDIX Technology Corporation

EMC Department

No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,

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File Number : EM971233
Report Number : EM-F970465
Date of Test : Aug. 04, 2008
Date of Report : Aug. 05, 2008

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APPENDIX I (Radiated Test Data for frequency rang above 1GHz at Semi-Anechoic Chamber)

TEST REPORT CERTIFICATION

Applicant : Non-Invasive Monitoring Systems, Inc.Manufacturer : Genemax Medical Products Industry Corp.

EUT Description : Therapeutic Devices/Therapy Bed

FCC ID : WI8RM107205

(A) MODEL NO. : Exer-Rest

(B) SERIAL NO. : 2008ER30001

(C) BRAND : NIMS(D) POWER SUPPLY : DC 6V(E) TEST VOLTAGE : DC 6V

Measurement Procedure Used:

FCC RULES AND REGULATIONS PART 15 SUBPART C, Sep. 2007 AND ANSI C63.4/2003

(FCC CFR 47 Part 15C, §15.207, §15.249, §15.209)

The device described above was tested by AUDIX Technology Corporation to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15 subpart C limits.

The measurement results are contained in this test report and AUDIX Technology Corporation is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the FCC official limits.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX Technology Corporation.

Date of Test: Aug. 04, 2008

Test Engineer: Sen Cheng/Deputy Manager)

Approved & Authorized Signer: (Leon Liu/Vice President)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description : Therapeutic Devices/Therapy Bed

(The EUT with built-in 2.4GHz transceiver)

Model Number : Exer-Rest

Serial Number : 2008ER30001

Brand : NIMS

FCC ID : WI8RM107205

Applicant : Non-Invasive Monitoring Systems, Inc.

4400 Biscayne Blvd, Suite 680, Miami,

FL33137, USA

Manufacturer : Genemax Medical Products Industry Corp.

No. 86, Lane 226, Tai-Ming Road, Wu-Jih,

Taichung, Taiwan

Radio Technology : GFSK Modulation

Frequency Band : 2410MHz (world wide 2.4GHz ISM band)

Date of Receipt of Sample : Jul. 14, 2008

Date of Test : Aug. 04, 2008

Remark:

- 1. This EUT is a Remote Control for Therapeutic Devices/Therapy Bed used, the nRF24L01 low power wireless board is inside the remote control. The EUT includes both portable remote controller and motor server.
- 2. The nRF24L01 is a single chip 2.4GHz transceiver, which designed for operation in the world wide ISM frequency band at 2.400-2.4835GHz. An MCU (microcontroller) and very few external passive components are needed to design a radio system with the nRF24L01.
- 3. The Therapy Bed of therapeutic devices have FCC ID number is WI8ER104054, which is reported in other test report of EM-F970464.

1.2. Description of Test Facility

Name of Firm : Audix Technology Corporation

EMC Department

No. 53-11, Tin-Fu Tsun, Lin-Kou, Taipei County, Taiwan, R.O.C.

Test Location & Facility

(Semi-AC)

Semi-Anechoic Chamber

Federal Communication Commission

Registration Number: 90993

Filing on May 16, 2006

No. 53-11, Tin-Fu Tsun, Lin-Kou, Taipei County, Taiwan, R.O.C.

NVLAP Lab. Code : 200077-0

(NVLAP is a NATA accredited body under Mutual Recognition Agreement)

1.3. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty (dB)
	30MHz~300MHz	±2.91dB
Radiation Test (Distance: 3m)	300MHz~1000MHz	±2.94dB
(Distance, 3111)	Above 1GHz	± 5.02dB

Remark : Uncertainty = $ku_c(y)$

2. POWERLINE CONDUCTED EMISSION MEASUREMENT

【The EUT only employ battery power for operation, no conductive emissions limits are required according to FCC Part 15 Section §15.207】

3. RADIATED EMISSION MEASUREMENT

3.1. Test Equipment

The following test equipment was used during the radiated emission measurement:

3.1.1. For Frequency Range 30MHz~1000MHz (at Semi-Anechoic Chamber)

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 13, 07'	Aug. 12, 08'
2.	Test Receiver	R&S	ESCS30	100265	Sep. 04, 07'	Sep. 03, 08'
3.	Amplifier	HP	8447D	2944A06305	Feb. 19, 08'	Feb. 18, 09'
	Log Periodic Antenna	Schwarzbeck	UHALP9108-A	0810	Apr. 10, 08'	Apr. 09, 09'
5.	Biconical Antenna	CHASE	VBA6106A	1264	Apr. 10, 08'	Apr. 09, 09'

3.1.2. For Frequency Above 1GHz (at Semi-Anechoic Chamber)

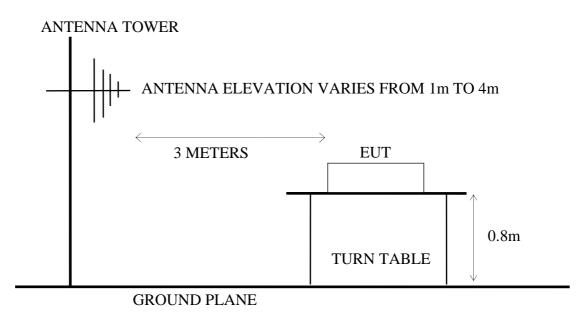
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 13, 07'	Aug. 12, 08'
2.	Pre-Amplifier	HP	8449B	3008A01284	Jun. 17, 08'	Jun. 16, 09'
3.	Horn Antenna	EMCO	3115	9112-3775	May 20, 08'	May 19, 09'
4.	Horn Antenna	EMCO	3116	2653	Oct. 04, 07'	Oct. 03, 08'

3.2. Test Setup

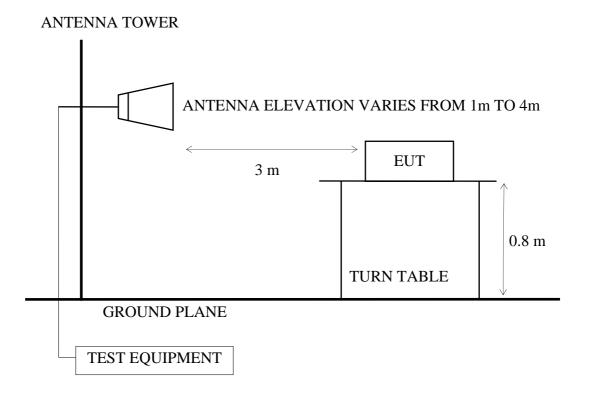
3.2.1. Block Diagram of connection between EUT and simulators

Therapeutic Devices/Therapy Bed (EUT) (The EUT with built-in 2.4GHz transceiver)
Power Source (Battery)

3.2.2. Semi-Anechoic Chamber (3m) Setup Diagram for 30-1000MHz



3.2.3. Semi-Anechoic Chamber (3m) Setup Diagram for above 1GHz



3.3. Radiated Emission Limits (§15.209)

FREQUENCY	DISTANCE	FIELD STREN	GTHS LIMITS	
MHz	Meters	μV/m	dBµV/m	
30 ~ 88	3	100	40.0	
88 ~ 216	3	150	43.5	
216 ~ 960	3	200	46.0	
Above 960	3	500 54.0		
Above 1000	3	74.0 dBμV/m (Peak)		
		54.0 dBμV/m (Average)		

Remark: (1) Emission level ($dB\mu V/m$) = 20 log Emission level ($\mu V/m$)

- (2) The tighter limit applies at the edge between two frequency bands.
- (3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
- (4) The limits in this table are based on CFR 47 Part 15.205(a)(b) and Part 15.209 (a).
- (5) The over 1GHz limit, FCC limit is used based on CFR 47 Part 15.35 (b) and Part 15.205(b) & Part 15.209(e) and Part 15.207(c).

3.4. Fundamental Frequency Limits (§15.249)

FUNDAMENTAL FREQUENCY	PEAK	AVERAGE
MHZ		
2400 ~ 2483.8	114 dBμV/m	94 dBμV/m

3.5. Operating Condition of EUT

- 3.5.1. Setup the EUT as shown on 3.2.
- 3.5.2. Turn on the power of all equipment.
- 3.5.3. The EUT was on Transmit/Receive function at the stand, side and lie conditions.

3.6. Test Procedure

The EUT and its simulators were placed on a turn table which was 0.8 meter above the ground. The turn table rotated 360 degrees to determine the position of the maximum emission level. EUT was set to 3 meters away from the receiving antenna which was mounted on an antenna tower. The antenna moved up and down between 1 to 4 meters to find out the maximum emission level. Broadband antenna such as calibrated biconical and log-periodical antenna or horn antenna were used as a receiving antenna. Both horizontal and vertical polarization of the antenna were set on measurement. In order to find the maximum emission, all of the interface cables were manipulated according to FCC ANSI C63.4-2003 regulation.

The bandwidth of the R&S Test Receiver ESCS30 was set at 120kHz. (For 30MHz to 1000MHz)

The resolution bandwidth and video bandwidth of test spectrum analyzer is 1MHz for peak detection (PK) at frequency above 1GHz.

The resolution bandwidth of test spectrum analyzer is 1MHz and the video bandwidth is 10Hz for average detection (AV) at frequency above 1GHz.

The frequency range from 30MHz to 25GHz (Up to 10th harmonics from fundamental frequency) was checked.

3.7. Radiated Emission Measurement Test Results

PASSED.

(All emissions not reported below are too low against the prescribed limits.)

EUT: Therapeutic Devices/Therapy Bed M/N: Exer-Rest

Test Date: Aug. 04, 2008 Temperature: 27 Humidity: 59%

For Frequency Range 30MHz~1000MHz:

The EUT was measured during this section testing and all the test results are listed in section 3.7.1.

				Reference	Test Data	
Mode	Test Mode	Position	Horiz	zontal	Ver	tical
			30-300MHz	300-1000MHz	30-300MHz	300-1000MHz
1.		Stand	# 7	# 10	# 8	# 9
2.	Transmit	Side	# 8	# 10	#7	# 9
3.		Lie	# 8	# 9	#7	# 10
4.	Receive	Stand	# 2	# 3	# 1	# 4

^{*} Above all final readings were measured with Quasi-Peak detector.

For Frequency above 1GHz:

The EUT with the following test modes was measured within semi-anechoic chamber. All the graphical results are attached in Appendix I.

Frequency range: 1000-2680MHz (Transmit) was measurement with Peak and Average detector are listed in section 3.7.2.

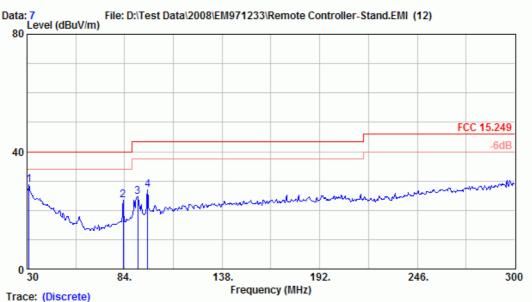
NO.	Test Mode	Position	Test Frequency Range		
1.			1000-2680MHz		
2.	Transmit	Stand	2680-5500MHz		
3.	Transmit	Stand	5500-18000MHz		
4.			18000-26500MHz		
5.			1000-2680MHz		
6.	Transmit	Side	2680-5500MHz		
7.	Transmit	Side	5500-18000MHz		
8.			18000-26500MHz		
9.			1000-2680MHz		
10.	Transmit	Lie	2680-5500MHz		
11.	Transmit	Lie	5500-18000MHz		
12.			18000-26500MHz		
13.			1000-2680MHz		
14.	Receive	Stand	2680-5500MHz		
15.	Receive	Stanu	5500-18000MHz		
16.			18000-26500MHz		

^{*} Above all final readings were measured with Peak detector and Average detector. (Frequency range: 18000-26500MHz emissions level is too low to be measured, therefore, the reading values not reported.)

3.7.1. Frequency Range 30-1000MHz



AUDIX TECHNOLOGY Corp. EMC Laboratory No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei County, Taiwan R.O.C. Post Code:24443 Tel:+886-2-26092133 Fax:+886-2-26099303 Email:ttemc@ttemc.



Data no. : 7

Site no. : A/C Chamber
Dis. / Ant. : 3m VBA610 Ant. pol. : HORIZONTAL VBA6106A(1264)2006

: FCC 15.249 Limit

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

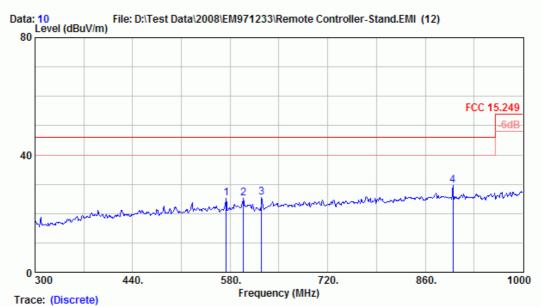
: Remote Controller M/N:Exer-Rest

Power Rating : DC 6V : TX-Stand Test Mode

		Ant.	Cable		Emissio	n		
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
1	31.080	24.67	0.34	3.80	28.81	40.00	11.19	
2	83.190	14.36	0.60	8.59	23.55	40.00	16.45	
3	91.290	15.95	0.62	8.12	24.69	43.50	18.81	
4	96.690	16.72	0.64	9.73	27.09	43.50	16.41	

- 2. The emission levels that are 20dB below the official limit are not reported.
- 3. All readings are Quasi-Peak values.





Site no. : A/C Chamber Data no. : 10

Dis. / Ant. : 3m UHALP9108A(0810)2007 Ant. pol. : HORIZONTAL

Limit : FCC 15.249

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

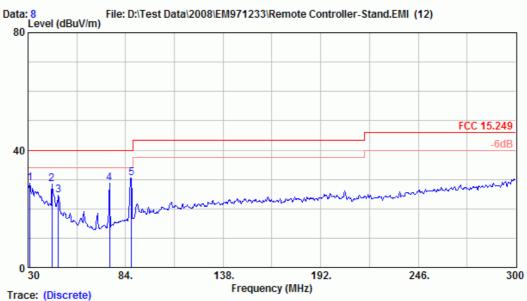
EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V
Test Mode : TX-Stand

		Ant.	Cable		Emissio	n		
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
1	574.400	18.56	1.69	4.96	25.21	46.00	20.79	
2	598.900	19.38	1.79	4.09	25.26	46.00	20.74	
3	624.800	19.11	1.79	4.54	25.44	46.00	20.56	
4	899.900	22.11	2.21	5.32	29.64	46.00	16.36	

- The emission levels that are 20dB below the official limit are not reported.
- 3. All readings are Quasi-Peak values.





Site no. : A/C Chamber Data no. : 8

Limit : FCC 15.249

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

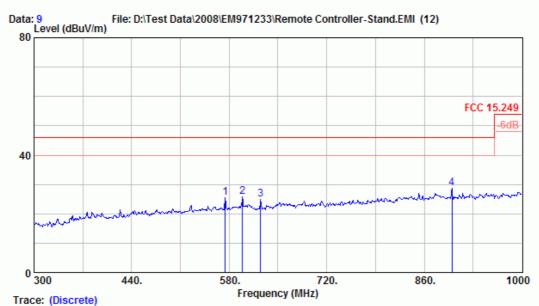
EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Stand

		Ant.	Cable		Emissio	n		
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
1	31.080	24.67	0.34	3.63	28.63	40.00	11.37	
2	43.230	19.31	0.41	8.65	28.38	40.00	11.62	
3	46.740	17.87	0.42	6.31	24.60	40.00	15.40	
4	75.090	12.80	0.57	15.48	28.85	40.00	11.15	
5	87.240	15.21	0.61	14.76	30.58	40.00	9.42	

- The emission levels that are 20dB below the official limit are not reported.
- 3. All readings are Quasi-Peak values.





Site no. : A/C Chamber Data no. : 9

Dis. / Ant. : 3m UHALP9108A(0810)2007 Ant. pol. : VERTICAL

Limit : FCC 15.249

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Stand

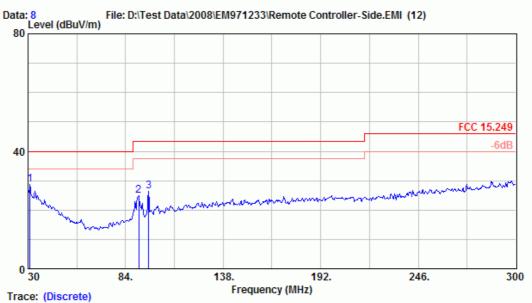
		Ant.	Cable		Emissio	n		
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
1	574.400	18.56	1.69	5.32	25.58	46.00	20.42	
2	598.900	19.38	1.79	4.58	25.76	46.00	20.24	
3	624.800	19.11	1.79	3.92	24.82	46.00	21.18	
4	899.900	22.11	2.21	4.48	28.80	46.00	17.20	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.

The emission levels that are 20dB below the official limit are not reported.

3. All readings are Quasi-Peak values.





Site no. : A/C Chamber Data no. : 8

Limit : FCC 15.249

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

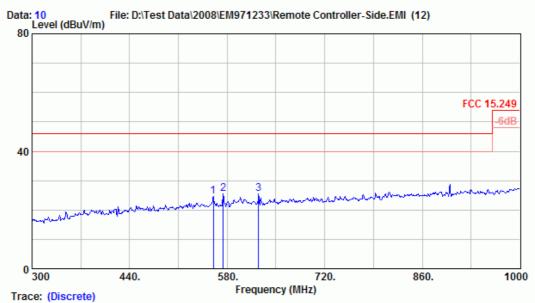
EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Side

		Ant.	Cable					
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
1	31.080	24.67	0.34	3.70	28.71	40.00	11.29	
2	91.290	15.95	0.62	8.46	25.03	43.50	18.47	
3	96.690	16.72	0.64	9.06	26.41	43.50	17.09	

- 2. The emission levels that are 20dB below the official limit are not reported.
- 3. All readings are Quasi-Peak values.





Site no. : A/C Chamber Data no. : 10

Dis. / Ant. : 3m UHALP9108A(0810)2007 Ant. pol. : HORIZONTAL

Limit : FCC 15.249

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

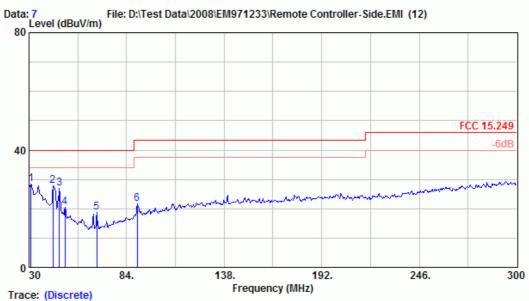
EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Side

		Ant.	Cable		Emissio	n		
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
1	560.400	18.61	1.65	4.46	24.72	46.00	21.28	
2	574.400	18.56	1.69	5.24	25.50	46.00	20.50	
3	624.800	19.11	1.79	4.55	25.45	46.00	20.55	

- 2. The emission levels that are 20dB below the official limit are not reported.
- 3. All readings are Quasi-Peak values.





Site no. : A/C Chamber Data no. : 7

Limit : FCC 15.249

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

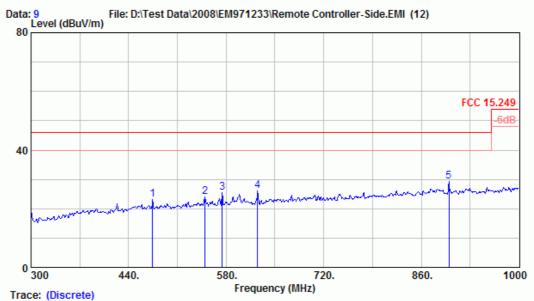
EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Side

		Ant.	Cable		Emissio	n		
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
1	31.080	24.67	0.34	3.53	28.53	40.00	11.47	
2	43.230	19.31	0.41	7.99	27.72	40.00	12.28	
3	46.740	17.87	0.42	8.54	26.83	40.00	13.17	
4	49.980	16.17	0.44	3.98	20.59	40.00	19.41	
5	67.530	11.83	0.53	6.33	18.70	40.00	21.30	
6	89.940	15.72	0.62	5.39	21.73	43.50	21.77	

- The emission levels that are 20dB below the official limit are not reported.
- 3. All readings are Quasi-Peak values.





Site no. : A/C Chamber Data no. : 9

Dis. / Ant. : 3m UHALP9108A(0810)2007 Ant. pol. : VERTICAL

Limit : FCC 15.249

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

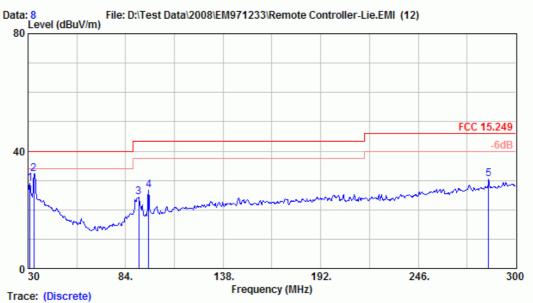
EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Side

			Ant.	Cable		Emissio	n		
		Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
-									
	1	474.300	17.39	1.50	4.20	23.10	46.00	22.90	
	2	549.900	18.72	1.68	3.75	24.15	46.00	21.85	
	3	574.400	18.56	1.69	5.27	25.53	46.00	20.47	
	4	624.800	19.11	1.79	5.20	26.10	46.00	19.90	
	5	899.900	22.11	2.21	5.03	29.35	46.00	16.65	

- The emission levels that are 20dB below the official limit are not reported.
- 3. All readings are Quasi-Peak values.





Site no. : A/C Chamber Data no. : 8

Limit : FCC 15.249

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

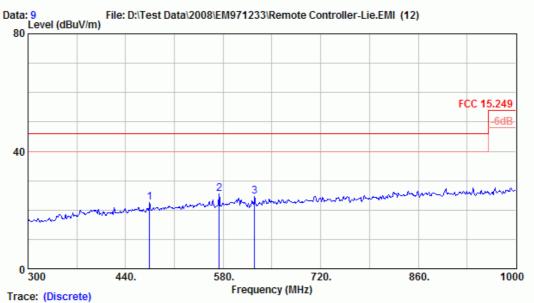
EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Lie

		Ant.	Cable	Emission				
	Freq.					Limits		Remark
	(MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
1	31.080	24.67	0.24	4.13	29.14	40.00	10.86	
_								
2	33.240	23.12	0.35	8.77	32.24	40.00	7.76	
3	91.290	15.95	0.62	7.72	24.29	43.50	19.21	
4	96.690	16.72	0.64	9.32	26.68	43.50	16.82	
5	284.880	25.54	1.14	3.77	30.45	46.00	15.55	

- The emission levels that are 20dB below the official limit are not reported.
- 3. All readings are Quasi-Peak values.





Site no. : A/C Chamber Data no. : 9

Dis. / Ant. : 3m UHALP9108A(0810)2007 Ant. pol. : HORIZONTAL

Limit : FCC 15.249

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

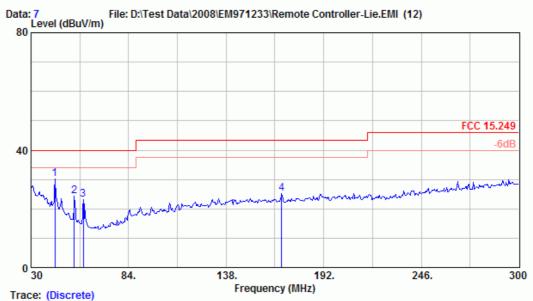
EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Lie

		Ant.	Cable					
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
1	474.300	17.39	1.50	3.57	22.47	46.00	23.53	
2	574.400	18.56	1.69	5.37	25.62	46.00	20.38	
3	624.800	19.11	1.79	3.72	24.63	46.00	21.37	

- 2. The emission levels that are 20dB below the official limit are not reported.
- 3. All readings are Quasi-Peak values.





Site no. : A/C Chamber Data no. : 7

Limit : FCC 15.249

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Lie

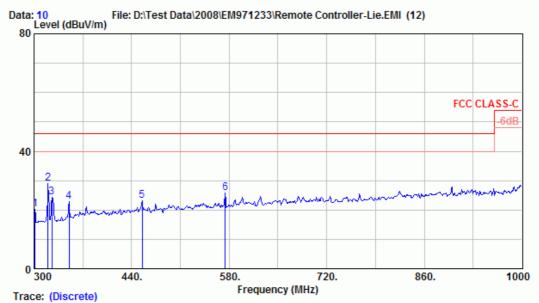
		Ant.	Cable	Cable Emission					
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
	(MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)		
1	43.230	19.31	0.41	10.34	30.07	40.00	9.93		
2	54.030	14.59	0.46	9.39	24.44	40.00	15.56		
3	58.890	12.97	0.49	9.68	23.14	40.00	16.86		
4	168.780	20.99	0.85	3.47	25.32	43.50	18.18		

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.

The emission levels that are 20dB below the official limit are not reported.

3. All readings are Quasi-Peak values.





Site no. : A/C Chamber Data no. : 10
Dis. / Ant. : 3m UHALP9108A(0810)2007 Ant. pol. : VERTICAL

Limit : FCC CLASS-C

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

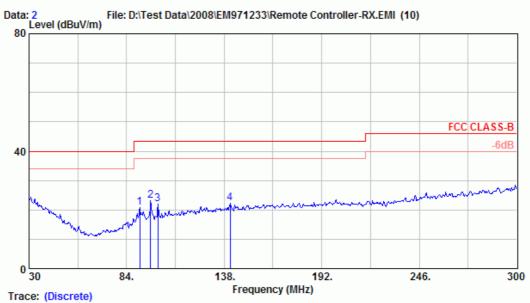
EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Lie

		Ant.	Cable	able Emission				
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
1	301.400	14.13	1.20	5.03	20.36	46.00	25.64	
2	320.300	14.29	1.20	13.66	29.15	46.00	16.85	
3	325.900	14.38	1.23	8.86	24.47	46.00	21.53	
4	350.400	15.23	1.28	6.31	22.82	46.00	23.18	
5	455.400	17.37	1.48	4.37	23.23	46.00	22.77	
6	574.400	18.56	1.69	5.43	25.68	46.00	20.32	

- 2. The emission levels that are 20dB below the official limit are not reported.
- 3. All readings are Quasi-Peak values.





Site no. : A/C Chamber Data no. : 2

Limit : FCC CLASS-B

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : RX

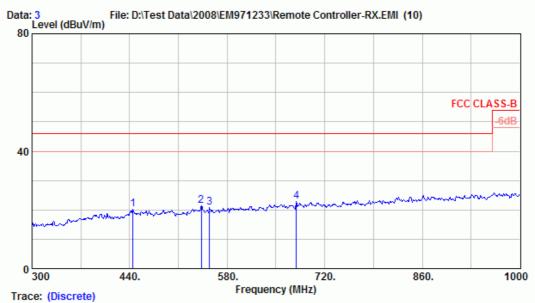
		Ant.	Cable	Cable Emission					
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
	(MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)		
1	91.290	15.95	0.62	4.11	20.67	43.50	22.83		
						43.50			
3	101.280	17.23	0.65	4.12	21.99	43.50	21.51		
4	141.240	20.25	0.78	1.19	22.22	43.50	21.28		

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.

The emission levels that are 20dB below the official limit are not reported.

3. All readings are Quasi-Peak values.





Site no. : A/C Chamber Data no. : 3

Dis. / Ant. : 3m UHALP9108A(0810)2007 Ant. pol. : HORIZONTAL

Limit : FCC CLASS-B

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : RX

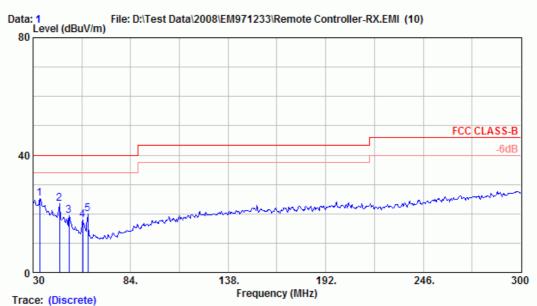
		Ant.	Cable	Emission				
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
1	444.900	17.14	1.56	1.63	20.33	46.00	25.67	
2	542.900	18.60	1.69	1.05	21.33	46.00	24.67	
3	554.800	18.69	1.67	0.45	20.80	46.00	25.20	
4	679.400	20.06	1.84	0.83	22.73	46.00	23.27	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.

The emission levels that are 20dB below the official limit are not reported.

3. All readings are Quasi-Peak values.





Site no. : A/C Chamber Data no. : 1

Limit : FCC CLASS-B

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

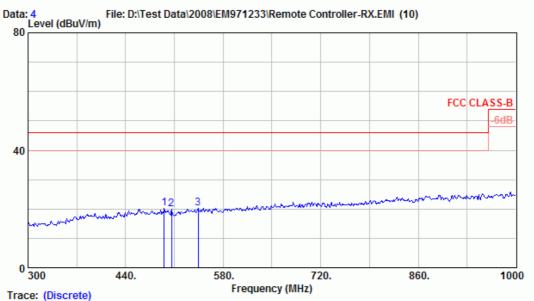
EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : RX

		Ant.	Cable					
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
1	33.780	22.94	0.36	1.94	25.23	40.00	14.77	
2	44.580	18.77	0.42	4.16	23.34	40.00	16.66	
3	49.980	16.17	0.44	2.75	19.36	40.00	20.64	
4	57.540	13.43	0.48	4.11	18.02	40.00	21.98	
5	60.240	12.55	0.49	6.95	19.99	40.00	20.01	

- The emission levels that are 20dB below the official limit are not reported.
- 3. All readings are Quasi-Peak values.





Site no. : A/C Chamber Data no. : 4

Dis. / Ant. : 3m UHALP9108A(0810)2007 Ant. pol. : VERTICAL

Limit : FCC CLASS-B

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : RX

			Ant.	Cable		Emissio			
		Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
-									
	1	495.300	17.74	1.58	0.76	20.08	46.00	25.92	
	2	505.800	17.75	1.58	0.56	19.88	46.00	26.12	
	3	544.300	18.60	1.69	0.04	20.33	46.00	25.67	
_									

- 2. The emission levels that are 20dB below the official limit are not reported.
- 3. All readings are Quasi-Peak values.

3.7.2. Frequency Range 1000-2680MHz

	Date of Test:		Aug	g. 04, 200	Temperat	ure:	27		
	EUT:	Therapeutic Devices/Therapy Bed				Humic	lity :	: 59% : AC 120V, 60Hz	
	Test Mode:	Transmit, Position: S			Stand	l Test Voltage			
	Horizontal								
	_	Factor	Loss	Reading	Emission Level (dBµV/m)	Limits	_	Remark	
*	2342.320 2409.520								
*	2342.320 2409.520							_	
	Vertical								
		Factor	Loss	Reading	Emission Level (dBµV/m)	Limits		Remark	
k	2409.520	28.63	5.22	59.82	93.68	114.00	20.32	Peak	
*	2409.520	28.63	5.22	53.82	87.68	94.00	6.32	Average	

- 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.
- 3. "*" means the Fundamental Frequency.

	Date of Test:	Aug. 04, 2008			Temperati	ure:	27	
	EUT:	Therapeutic Devices/I			erapy Bed Humid		ity :	59%
	Test Mode:	-	Fransmi	t, Position	: Side	Test Volta	ige: AC	120V, 60Hz
	Horizontal							
		Factor	Loss	Reading		Dn Limits (dBμV/m)		Remark
*	2409.520					114.00		
*	2409.520	28.63	5.22	48.22	82.07		11.93	Average
	Vertical							
		Factor	Loss	Reading		n Limits (dBμV/m)		Remark
*	2409.520	28.63	5.22	51.98				Peak
*	2342.320 2409.520	28.50	5.10	1.66	35.26	54.00	18.74	Average

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 - 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.
 - 3. "*" means the Fundamental Frequency.

	Date of Test:	Aug. 04, 2008				Temperat	ure:	27	
	EUT:	Therapeutic Devices/Therapy Bed				Humic	lity:_	59%	
	Test Mode:		Transmi	t, Position: Lie		Test Voltage:		AC 120V, 60Hz	
	Horizontal	Iorizontal							
		Factor	Loss	Reading		n Limits (dBμV/m)		gin 1	Remark
*	2347.360 2409.520	28.63							
*	2347.360 2409.520	28.51	5.10 5.22	1.66 54.53	35.27 88.38	54.00 94.00	18. 5.	73 62	Average Average
	Vertical								
	_	Factor	Loss	Reading		n Limits (dBµV/m)		gin 1	Remark
*	2409.520	28.63	5.22	56.50	90.35	114.00	23.6	65	Peak
*	2409.520	28.63	5.22	52.50	86.35	94.00	7.	65 	Average

- 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

 3. "*" means the Fundamental Frequency.

4. DEVIATION TO TEST SPECIFICATIONS

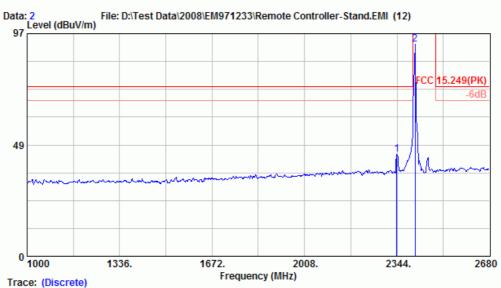
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APPENDIX I

(Radiated Test Data for frequency rang above 1GHz at Semi-Anechoic Chamber)

Total Pages: 15 Pages





Site no. : A/C Chamber Data no. : 2

Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL

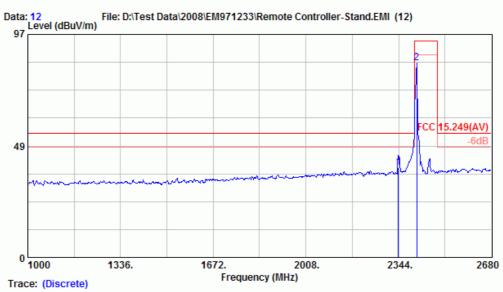
Engineer : Jarwei Wang

Limit : FCC 15.249(PK)
Env. / Ins. : E4446A 27*C/59% Eng:
EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Stand



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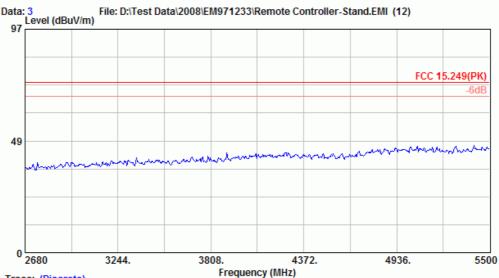
Site no. : A/C Chamber Dis. / Ant. : 3m 3115 Data no. : 12 Ant. pol. : HORIZONTAL

: FCC 15.249(AV) Limit

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest





Trace: (Discrete)

Site no. : A/C Chamber Data no. : 3

Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL

Limit : FCC 15.249(PK)

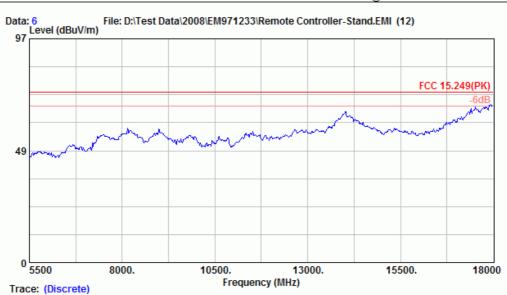
Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Stand



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Site no. : A/C Chamber Data no. : 6

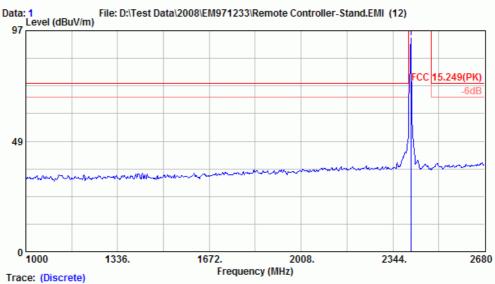
Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL

Limit : FCC 15.249(PK)

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

EUT : Remote Controller M/N:Exer-Rest





Site no. : A/C Chamber
Dis. / Ant. : 3m 3115
Limit : FCC 15.249(PK) Data no. : 1 Ant. pol. : VERTICAL

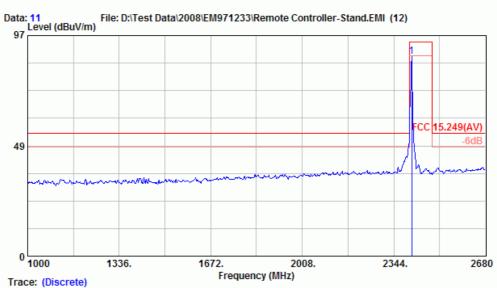
Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Stand



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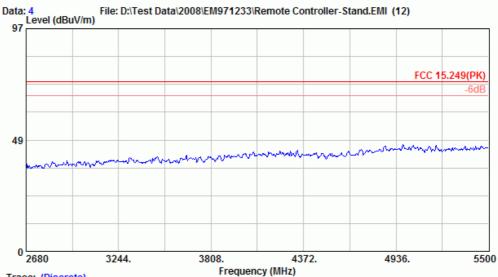


Site no. : A/C Chamber
Dis. / Ant. : 3m 3115
Limit : FCC 15.249(AV)
Env. / Ins. : E4446A 27*C/59% Data no. : 11 Ant. pol. : VERTICAL

Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest





Trace: (Discrete)

Site no. : A/C Chamber Data no. : 4

Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL

Limit : FCC 15.249(PK)
Env. / Ins. : E4446A 27*C/59%

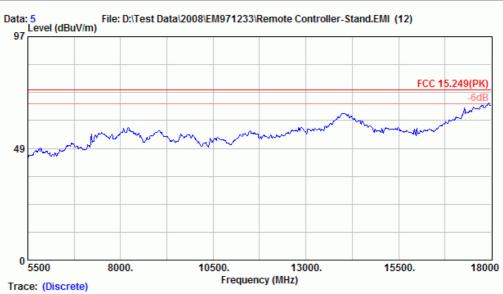
Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest

Power Rating : DC 6V : TX-Stand Test Mode



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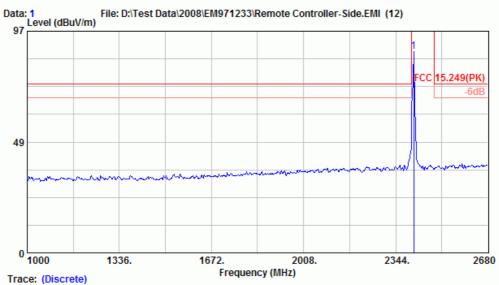


Site no. : A/C Chamber Data no. : 5 Ant. pol. : VERTICAL Dis. / Ant. : 3m 3115

Limit : FCC 15.249(PK) Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest





Data no. : 1

Site no. : A/C Chamber
Dis. / Ant. : 3m 3115
Limit : FCC 15.249(PK)
Env. / Ins. : E4446A 27*C/59% Ant. pol. : HORIZONTAL

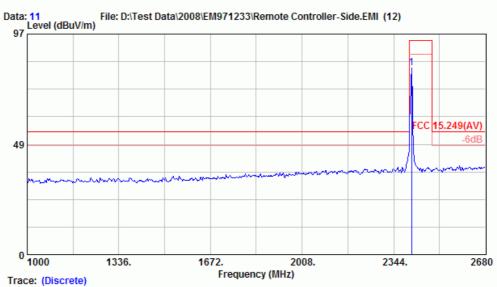
Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest

Power Rating : DC 6V : TX-Side Test Mode



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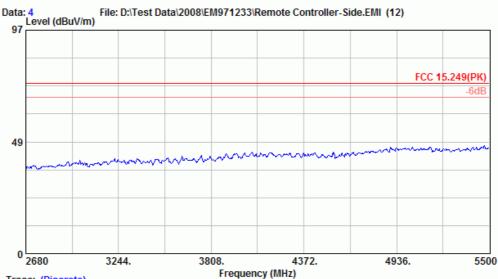
Site no. : A/C Chamber Data no. : 11

Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL

Limit : FCC 15.249(AV) Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest EUT





Trace: (Discrete)

Site no. : A/C Chamber Data no. : 4

Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL

Limit : FCC 15.249(PK)

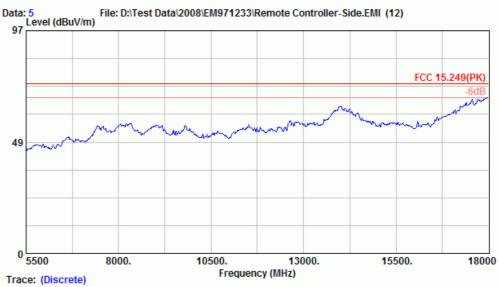
Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

EUT : Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Side



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Site no. : A/C Chamber Data no. : 5

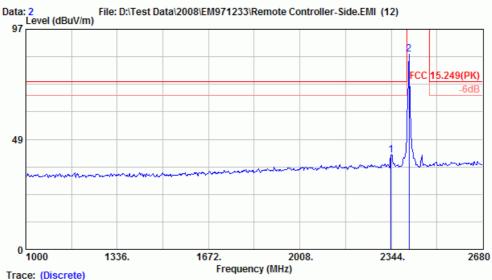
Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL

Limit : FCC 15.249(PK)

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

EUT : Remote Controller M/N:Exer-Rest





Data no. : 2

Site no. : A/C Chamber Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL

Limit : FCC 15.249(PK)

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Side



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97 Level (dBuV/m) File: D:\Test Data\2008\EM971233\Remote Controller-Side.EMI (12) 49 1000 1336. 1672. 2008. 2344. 2680 Frequency (MHz) Trace: (Discrete)

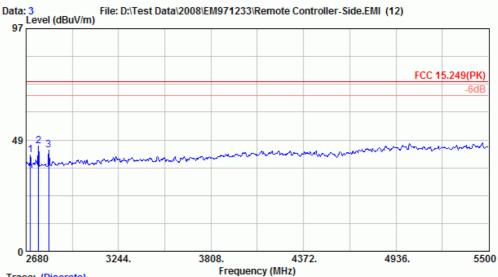
Site no. : A/C Chamber Dis. / Ant. : 3m 3115 Data no. : 12 Ant. pol. : VERTICAL

Limit : FCC 15.249(AV)

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest





Trace: (Discrete) Site no. : A/C Chamber Data no. : 3

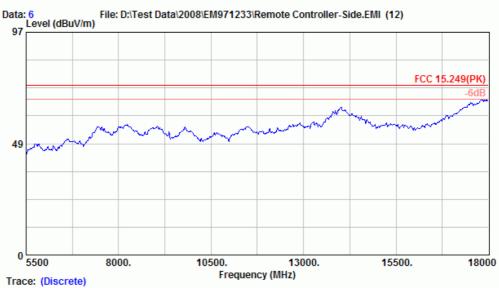
Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL

Limit : FCC 15.249(PK)
Env. / Ins. : E4446A 27*C/59% Eng:
EUT : Remote Controller M/N:Exer-Rest Engineer : Jarwei Wang

Power Rating : DC 6V Test Mode : TX-Side



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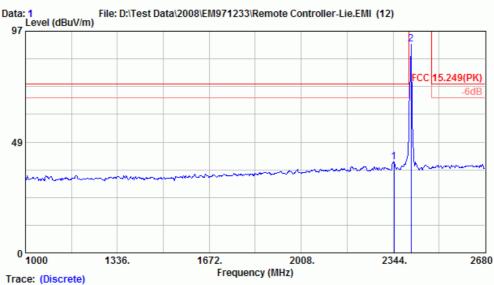
Site no. : A/C Chamber Dis. / Ant. : 3m 3115 Data no. : 6
Ant. pol. : VERTICAL

: FCC 15.249(PK) Limit

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest





Data no. : 1

Site no. : A/C Chamber
Dis. / Ant. : 3m 3115
Limit : FCC 15.249(PK)
Env. / Ins. : E4446A 27*C/59% Ant. pol. : HORIZONTAL

Engineer : Jarwei Wang

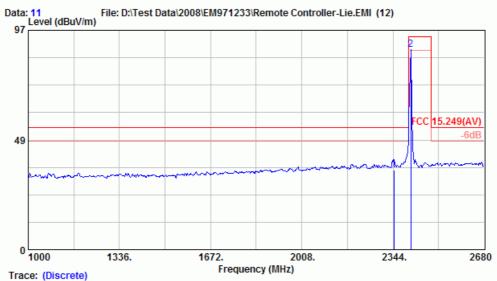
: Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Lie



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Email:ttemc@ttemc.



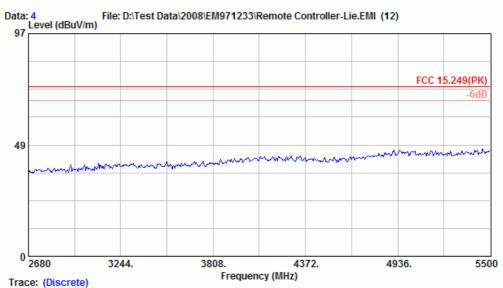
Site no. : A/C Chamber Data no. : 11

Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL

Limit : FCC 15.249(AV) Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest





Site no. : A/C Chamber Data no. : 4

Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL

Limit : FCC 15.249(PK)
Env. / Ins. : E4446A 27*C/59% Eng
EUT : Remote Controller M/N:Exer-Rest Engineer : Jarwei Wang

Power Rating : DC 6V Test Mode : TX-Lie



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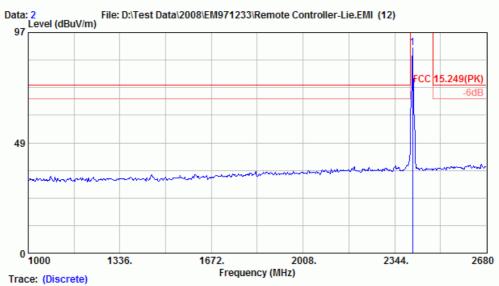
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Data no. : 5
Ant. pol. : HORIZONTAL

Site no. : A/C Chamber
Dis. / Ant. : 3m 3115
Limit : FCC 15.249(PK) Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest





Site no. : A/C Chamber Dis. / Ant. : 3m 3115 Data no. : 2 Ant. pol. : VERTICAL

Limit : FCC 15.249(PK)

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Lie



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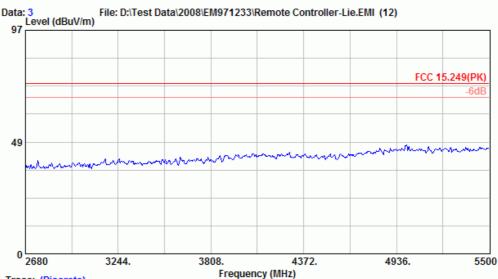
File: D:\Test Data\2008\EM971233\Remote Controller-Lie.EMI (12) Data: 12 Level (dBuV/m) 97 CC 15.249(AV) 49 1000 2008. 1336. 1672. 2344. 2680 Frequency (MHz) Trace: (Discrete)

Site no. : A/C Chamber Data no. : 12 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL

Engineer : Jarwei Wang

Limit : FCC 15.249 (AV)
Env. / Ins. : E4446A 27*C/59% Eng:
EUT : Remote Controller M/N:Exer-Rest





Trace: (Discrete)

Dis. / Ant. : 3m 3115

Site no. : A/C Chamber Data no. : 3

Ant. pol. : VERTICAL

Limit : FCC 15.249(PK)

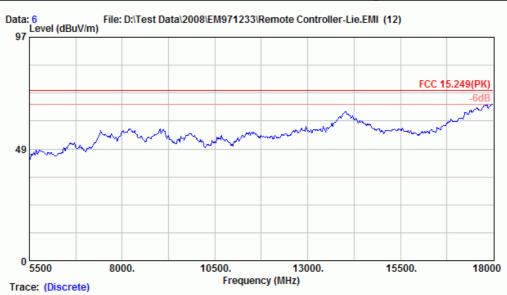
Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : TX-Lie



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Data no. : 6

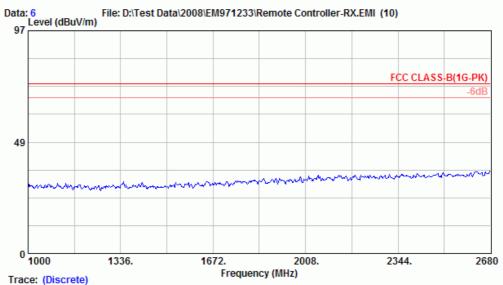
Site no. : A/C Chamber Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL

: FCC 15.249(PK) Limit

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest





Site no. : A/C Chamber Data no. : 6

Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL

Limit : FCC CLASS-B(1G-PK)
Env. / Ins. : E4446A 27*C/59%

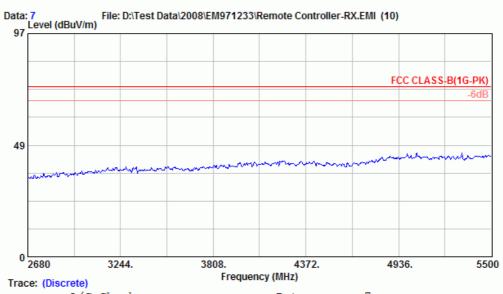
Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode



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Site no. : A/C Chamber Data no. : 7

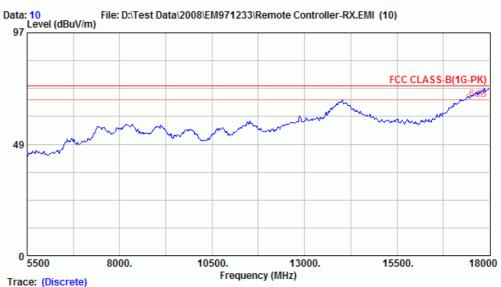
Ant. pol. : HORIZONTAL Dis. / Ant. : 3m 3115

: FCC CLASS-B(1G-PK) Limit

Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest





Site no. : A/C Chamber Data no. : 10

Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL

Limit : FCC CLASS-B(1G-PK) Env. / Ins. : E4446A 27*C/59%

Env. / Ins. : E4446A 27*C/59%

Power Rating : DC 6V Test Mode : RX

: Remote Controller M/N:Exer-Rest

Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest

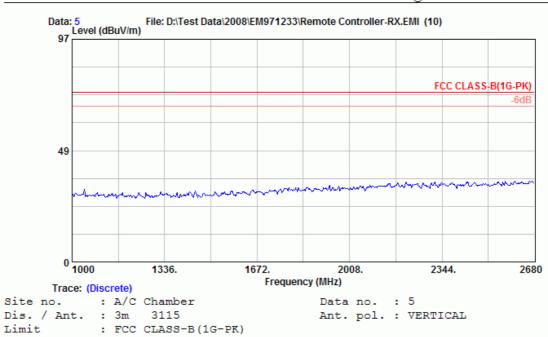
Power Rating : DC 6V Test Mode : RX



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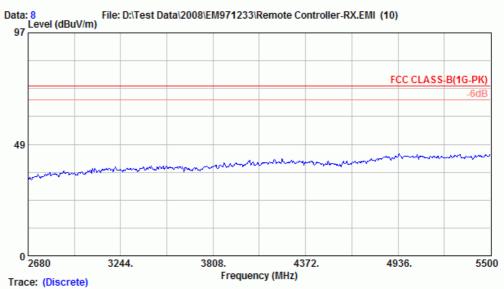
Email:ttemc@ttemc.

Engineer : Jarwei Wang



AUDIX Technology Corporation Report No.: EM-F970465





Site no. : A/C Chamber Data no. : 8

Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL

Limit : FCC CLASS-B(1G-PK)

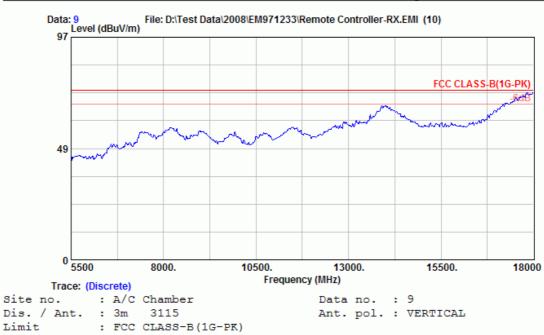
Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest

Power Rating : DC 6V Test Mode : RX



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Env. / Ins. : E4446A 27*C/59% Engineer : Jarwei Wang

: Remote Controller M/N:Exer-Rest