

TUV Rheinland of North America, Inc.

12 Commerce Road, Newtown, CT 06470
(203)426-0888 * FAX (203)270-8883



TUV Rheinland Proj # P9871371.01.71797.doc
FCCID: NPI 71797 Page 1 of 27

Report of Measurements
for
CyberMaster PC Remote Control Toy
Model 71797 Mobile Unit
Applicant:
LEGO Systems, Inc.
555 Taylor Road
P.O. Box 1600
Enfield, CT 06083-1600

Report of Measurements
by
TUV Rheinland of North America, Inc.
12 Commerce Road
Newtown, CT 06470


TIMOTHY M. DWYER
Senior Specialist, EMC

Date of Test: 14 - 20 November 1998
Date of Report: 24 November 1998



Test Report Number: P987371.01.71846 <small>Prübericht Nr.</small>		Test Report Summary		
Applicant: <small>Auftraggeber</small>		LEGO Systems, Inc. 555 Taylor Road P.O. Box 1600 Enfield, CT 06083-1600		Tel: (860) 763-6886 Fax: (860) 763-6815
Type of Equipment: <small>Gegenstand der Prüfung</small>		PC Remote Control Toy		
Model Number: <small>Bezeichnung:</small>		CyberMaster (Mobile Unit Model 71797)	Trademark: <small>Ursprungszeichen</small>	LEGO ®
Standards: <small>Prufgrundlage</small>		Date of Test: 14 - 20 November 1998		
Standard Number	Description	Severity Level or Limit	Minimum Acceptable Performance Criteria	Summary Result
FCC Part 15 Subpart B	Radiated Emissions	Sections 15.227 and 15.209	NA	Complies
Place of Test: <small>Prüfort</small>			Accredited by the National Voluntary Laboratory Accreditation Program for FCC Part 15 and CISPR 22 under Lab Code 200111	
TUV Rheinland of North America, 12 Commerce Road, Newtown, CT 06470 USA E-mail: info-new@tuv.com Web: http://www.tuv.com Phone: (203) 426-0888 Fax: (203) 270-8883				
Test Result: <small>Prüfergebnis</small>		The unit presented for testing complied with criteria shown above. Additional Information is contained in the following pages.		
Tested By: <small>Der Sachverständige</small>		Timothy M. Dwyer		Checked By: Bruce Fagley geprüft
 Date, Signature <small>Datum, Unterschrift</small>		 Date, Signature <small>Datum, Unterschrift</small>		



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1. General

1.1 Equipment Tested

**CyberMaster PC remote Controlled Toy
Model 71797 Mobile Unit**

1.2 Applicant/Manufacturer

**LEGO Systems, Inc.
555 Taylor Road
P.O. Box 1600
Enfield, CT 06083-1600**

1.3 FCCID: NPI 71797

1.4 Description

The CyberMaster is a personal computer operated remote control toy consisting of two units. This test report is for the Model 71797 Mobile Unit. Since the devices function together as a set, but differ in construction, two FCC filings are being submitted. The devices were tested together and so the reports for both devices are almost identical in content. The FCCID for the Model 71846 Tower Unit is NPI71846.

1.4.1 Physical:

The CyberMaster consists of two units, the Tower Unit (Model 71846) that connects to the PC and the Mobile Unit (Model 71797) on which the toy is constructed using LEGO blocks.

1.4.2 Functional:

Each unit contains a transmitter and receiver. The two units communicate in half duplex mode at 27.995 MHz. The Tower Unit acts as master to control the Mobile Unit. Only one unit transmits at a time, and the mobile unit transmits only after receiving a command from the Tower Unit instructing it to do so.



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1.4.3 Electrical and EMC Related:

Both units are battery operated and no means is provided in either unit for connection of external power. The Tower Unit is powered from a single 9 V battery. The mobile unit is powered from 6 AA type cells.

1.5 Description of Circuit Function

Refer to Exhibit C.

1.6 Block Diagram Showing Oscillators

Refer to Exhibit D.

2. Measurement Equipment Used

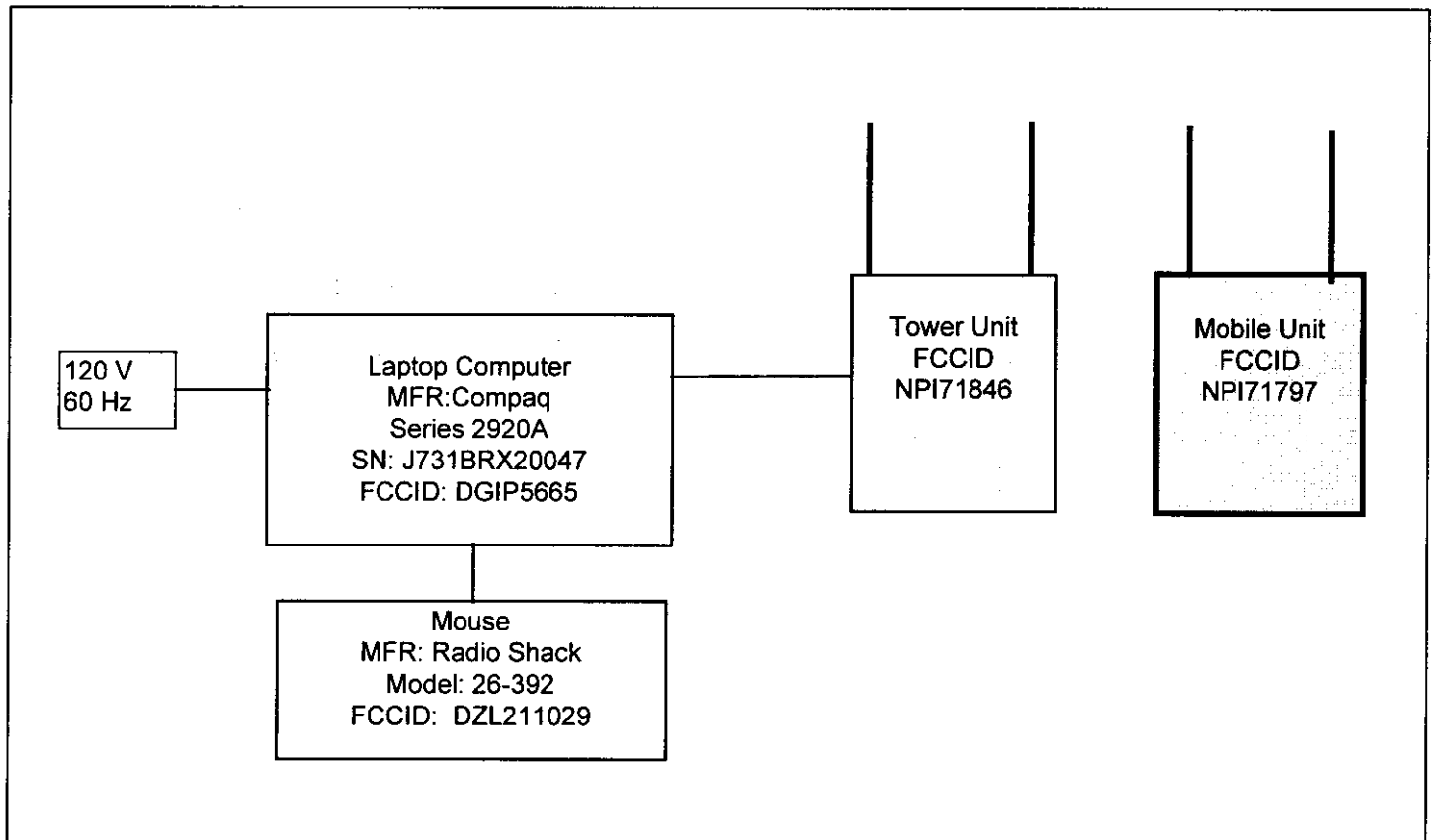
The measuring equipment used for measurements is shown in the following tables.

Equipment	Frequency Range of Measurements Performed	Manufacturer and Model	Calibration Last
EMI Receiver	450 - 4500 MHz	HP8546A	Jun 98
Antenna, Biconical	30-300 MHz	Schwarzbeck VHBB9124	Sep 98
Antenna, Log Periodic	300-1000 MHz	EMCO	Sep 98



3. Report of Measurements

3.1 Test Configuration Block Diagram





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3.2 Conducted Emissions

Conducted emissions measurements were not performed as the CyberMaster has no provision for connection to the AC mains.

3.3 Radiated Emissions

3.3.1 MODE OF OPERATION:

The CyberMaster was exercised during the tests using the software running the "EMI Test". This test provides for repeated transmission from both transmitters in half duplex mode.

3.3.2 PROCEDURE:

Preliminary radiated measurements were made at a distance of 3 meters in a semi-anechoic chamber. The preliminary plots are included in the test data section.

Final radiated measurements were performed on an Open Area Test Site (OATS) at measurement distances of 3 meters for 26.995 MHz and 10 meters for 26.540 MHz meters. The measurements were made at a closer distance than is specified for 26.540 MHz in accordance with the provisions of sections 15.209(e) and 15.31(f)(2).

Radiated emissions measurements were performed using the ANSI C63.4-1992 measurement procedures as specified in paragraph 15.31(a)(6).

Date of Test:	14 - 20 November 1998
Frequency Range:	30 - 1000 MHz
Detector:	Peak, Quasi Peak and Average
Peak Measurement Bandwidth:	120 kHz
Quasi-Peak Measurement Bandwidth:	120 kHz
Average Measurement Bandwidth:	300 kHz

3.3.3 CRITERIA

CFR 47 (FCC) 15.227 and 15.209



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3.3.4 MEASUREMENT DATA

Radiated Emissions		Final OATS Measurements				D=	3 & 10 m	Antenna =	9124/3146			
Device Tested:		CyberMaster										
Meas #	Freq (MHz)	Peak	Measured Levels			FCC Limit	Δ	Antenna + Cable Correction Factor (included in measured levels)	Result	Antenna Polarization	Antenna Height	Turntable Angle
			Quasi-Peak	Average								
	(MHz)	(dBμV/m)	(dBμV/m)	(dBμV/m)	(dBμV/m)	(dB)	(dB)		V or H	(m)	(°)	
1	26.540	16.2	13.0	10.0	30 QP @ 30 m	-13.8	14.8	COMPLIES	V	1.50	0	
2	26.540	14.1	4.2	-5.7	30 QP @ 30 m	-15.9	14.8	COMPLIES	H	3.55	0	
3	26.995	79.6	79.1	71.2	80 AVG @ 3 m	-8.8	14.7	COMPLIES	V	1.80	0	
4	26.995	55.5	53.5	45.5	80 AVG @ 3 m	-34.5	14.7	COMPLIES	H	2.14	0	

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Note: The limit specified for 26.540 MHz is the 30 m limit as specified in 15.209(a) although the measurements were performed at a distance of 10 m. The actual limit allowed by 15.209(e) and 15.31(f)(2) would be 20 dB higher or 50 dBμV/m QP.

3.3.5 CALCULATION

Measured Level (dBμV) + Cable Loss (dB) + Antenna Factor dB = Field Strength (dBμV/m)

3.3.6 RESULT

The radiated emissions of the CyberMaster were below the 10,000 μV/m (80 dBμV/m) limit specified in section 15.227 for the frequency of operation (26.995 MHz) 30 dBμV/m limit specified in 15.209 for 26.540 MHz.

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4. Modifications to Equipment Tested

No modifications of any kind were made either to the CyberMaster or to support equipment used for this test.
All equipment was tested as received.



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6. Measurement Data Sheets

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14:42:04 14 NOV 1998
MFR: LEGO MODEL CYBER-MASTER

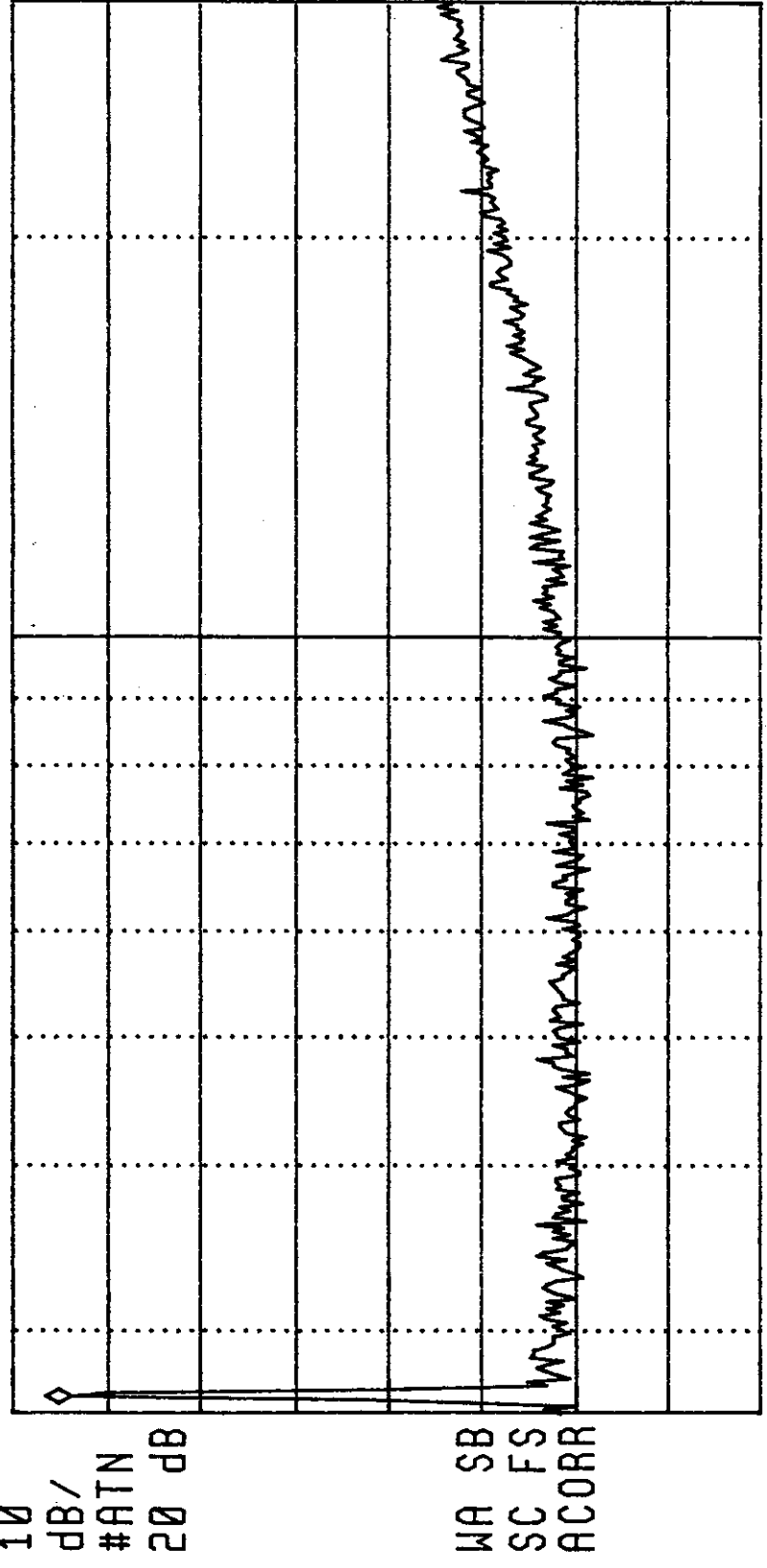
NOTES: NO EMISSIONS OBSERVED OTHER THAN AT FREQUENCY OF OPERATION
RVARING "EMF TEST" PROGRAM

PRELIMINARY

MARKER
27.1 MHz
83.59 dBμV/m

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 27.1 MHz
83.59 dBμV/m

LOG REF 90.0 dBμV/m PREAMP ON



START 26.0 MHz #IF BW 120 kHz #AVG BW 300 kHz
STOP 300.0 MHz #SWP 300 msec

- MEAS TYPE:
- Radiated Prescan
 - Radiated Final
 - Conducted
 - Disturbance Power
 - Other

- ANTENNA/COUPLER:
- 9124 Bicon
 - 3146 Log Per
 - 3106 Horn
 - 3109 Bicon
 - 3115 Horn
 - CBL6140 X-Wing
 - MDS-21 Clamp
 - NSLK 8126 LISN
 - NNB-4/63TL LISN

- POLARIZATION:
- Horizontal
 - Vertical
 - NA

- DISTANCE:
- 3 Meter
 - 10 Meter
 - Meter
 - NA

- LOCATION:
- OATS
 - Semi-Anechoic
 - Shielded Room
 - Other



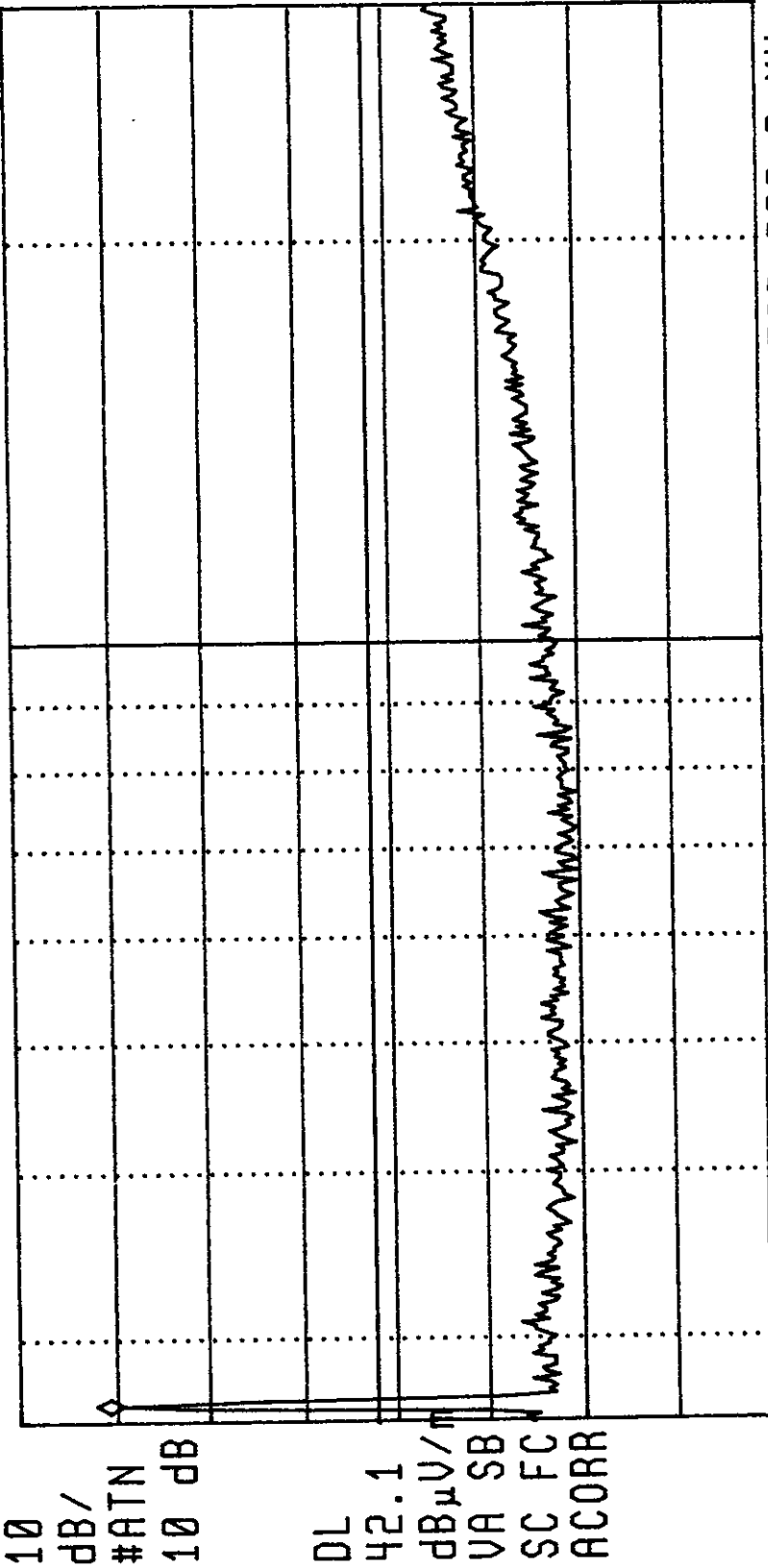
TUV Rheinland of North America, Inc.
 North American Headquarters
 Web: <http://www.tuv.com> E-mail: info-new@tuv.com
 14:35:49 14 NOV 1998
 MFR: LEGO

NOTES: NO EMISSIONS OBSERVED OTHER THAN
 AT FREQUENCY OF OPERATION
 RUNNING "FAST", PROGRAM

MODEL CYBERMASTER PRELIMINARY FINAL

MARKER ACTV DET: PEAK
 27.1 MHz MEAS DET: PEAK QP AVG
 69.20 dBμV/m MKR 27.1 MHz
 69.20 dBμV/m

LOG REF 80.0 dBμV/m PREAMP ON



START 26.0 MHz #IF BW 120 kHz #AVG BW 300 kHz
 STOP 300.0 MHz #SWP 300 msec

- MEAS TYPE:
- Radiated Prescan
 - Radiated Final
 - Conducted
 - Disturbance Power
 - Other

- ANTENNA/COUPLER:
- 9124 Bicon
 - 3146 Log Per
 - 3106 Horn
 - 3109 Bicon
 - 3115 Horn
 - CBL6140 X-Wing
 - MDS-21 Clamp
 - NSLK 8126 LISN
 - NNB-4/63TL LISN

- POLARIZATION:
- Horizontal
 - Vertical
 - NA

- DISTANCE:
- 3 Meter
 - 10 Meter
 - Meter
 - NA

- LOCATION:
- OATS
 - Semi-Anechoic
 - Shielded Room
 - Other



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14:45:15 14 NOV 1998

MFR: 660

MODEL CYBERMASTER

PRELIM/FINAL

NOTES: No Emissions observed

- MEAS TYPE:
- Radiated Prescan
 - Radiated Final
 - Conducted
 - Disturbance Power
 - Other

SWEPTIME
750 msec

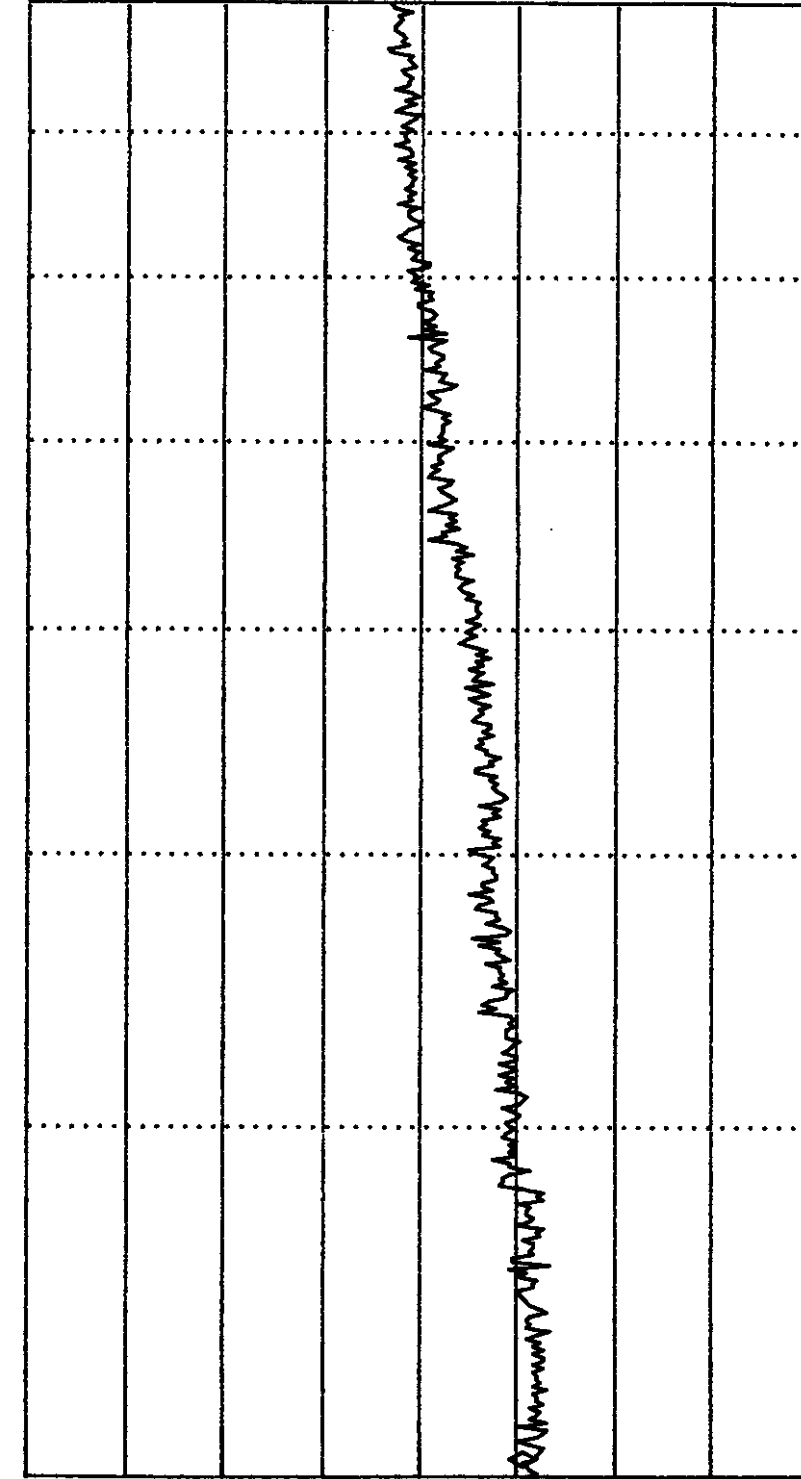
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 306.2 MHz
37.73 dBμV/m

- ANTENNA/COUPLER:
- 9124 Bicon
 - 3146 Log Per
 - 3106 Horn
 - 3109 Bicon
 - 3115 Horn
 - CBL6140 X-Wing
 - MDS-21 Clamp
 - NSLK 8126 LISN
 - NNB-4/63TL LISN

LOG REF 90.0 dBμV/m

PREAMP ON

10
dB/
#ATN
20 dB



VA SB
SC FC
ACORR

- POLARIZATION:
- Horizontal
 - Vertical
 - NA

- DISTANCE:
- 3 Meter
 - 10 Meter
 - Meter
 - NA

- LOCATION:
- OATS
 - Semi-Anechoic
 - Shielded Room
 - Other

START 300.0 MHz #IF BW 120 kHz #AVG BW 300 kHz STOP 1.0000 GHz
#SWP 750 msec



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14:50:01 14 NOV 1998
MFR: 4660
SWEPTIME 750 msec
MODEL CYBERMASTER

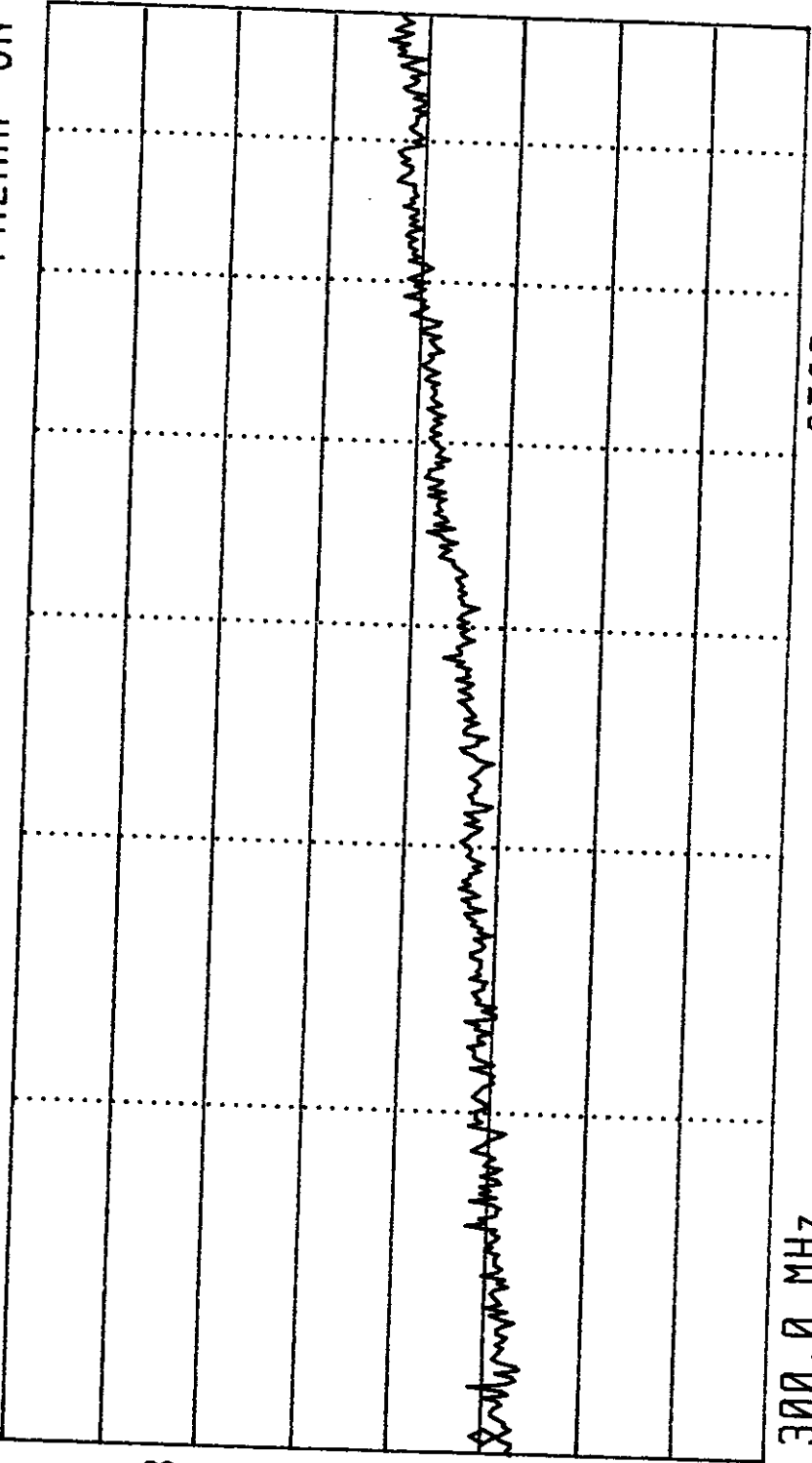
NOTES: NO EMISSIONS OBSERVED.

PRELIM/FINAL

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 306.2 MHz
38.03 dBμV/m

LOG REF 90.0 dBμV/m
10 dB/
#ATN 20 dB

PREAMP ON



START 300.0 MHz

#IF BW 120 kHz
#AUG BW 300 kHz
STOP 1.0000 GHz
#SWP 750 msec

- MEAS TYPE:
- Radiated Prescan
 - Radiated Final
 - Conducted
 - Disturbance Power
 - Other

- ANTENNA/COUPLER:
- 9124 Bicon
 - 3146 Log Per
 - 3106 Horn
 - 3109 Bicon
 - 3115 Horn
 - CBL6140 X-Wing
 - MDS-21 Clamp
 - NSLK 8126 LISN
 - NNB-4/63TL LISN

- POLARIZATION:
- Horizontal
 - Vertical
 - NA

- DISTANCE:
- 3 Meter
 - 10 Meter
 - Meter
 - NA

- LOCATION:
- OATS
 - Semi-Anechoic
 - Shielded Room
 - Other



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12:37:55 20 NOV 1998

MFR: L E G O

MODEL CYBERMASTER

PRELIM/FINAL

NOTES: MODULATION SATURATED
TRANSMISSION IS < 0.1 SEC

- MEAS TYPE:
- Radiated Prescan
 - Radiated Final
 - Conducted
 - Disturbance Power
 - Other *MODULATION*

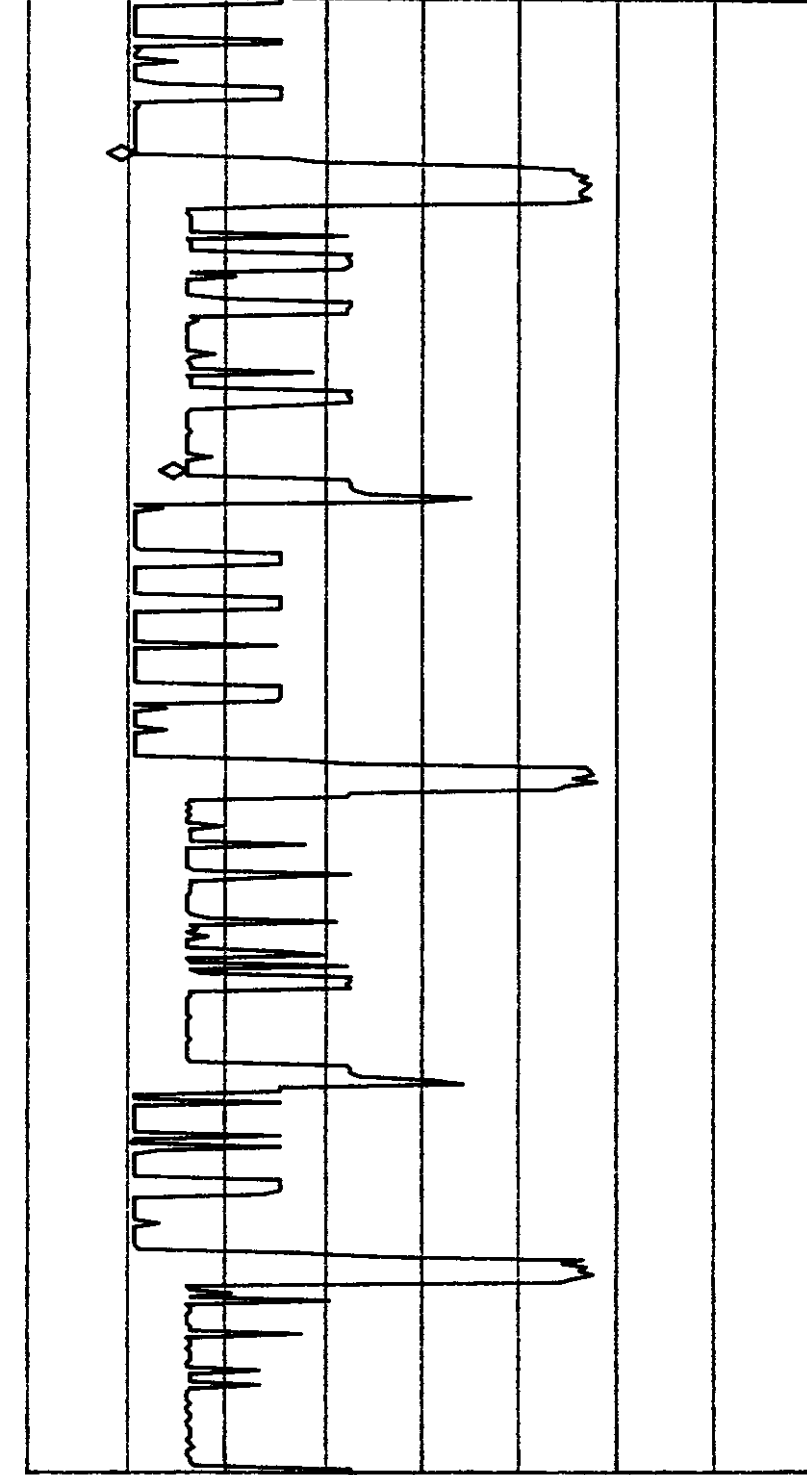
MARKER Δ
 64.500 msec
 5.52 dB

ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR Δ 64.500 msec
 5.52 dB

LOG REF 80.0 dB μ V/m

PREAMP ON

10 dB/
 #ATN
 10 dB



WA SB
 SC FS
 ACORR

CENTER 26.995 MHz
 #IF BW 120 kHz
 AVG BW 300 kHz
 SPAN 0 Hz
 #SWP 300 msec

- ANTENNA/COUPLER:
- 9124 Bicon
 - 3146 Log Per
 - 3106 Horn
 - 3109 Bicon
 - 3115 Horn
 - CBL6140 X-Wing
 - MDS-21 Clamp
 - NSLK 8126 LISN
 - NNB-4/63TL LISN

- POLARIZATION:
- Horizontal
 - Vertical
 - NA

- DISTANCE:
- 3 Meter
 - 10 Meter
 - Meter
 - NA

- LOCATION:
- OATS
 - Semi-Anechoic
 - Shielded Room
 - Other



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 13:48:56 14 NOV 1998

MFR: LEGO MODEL CYBERMASTER PRELIM FINAL

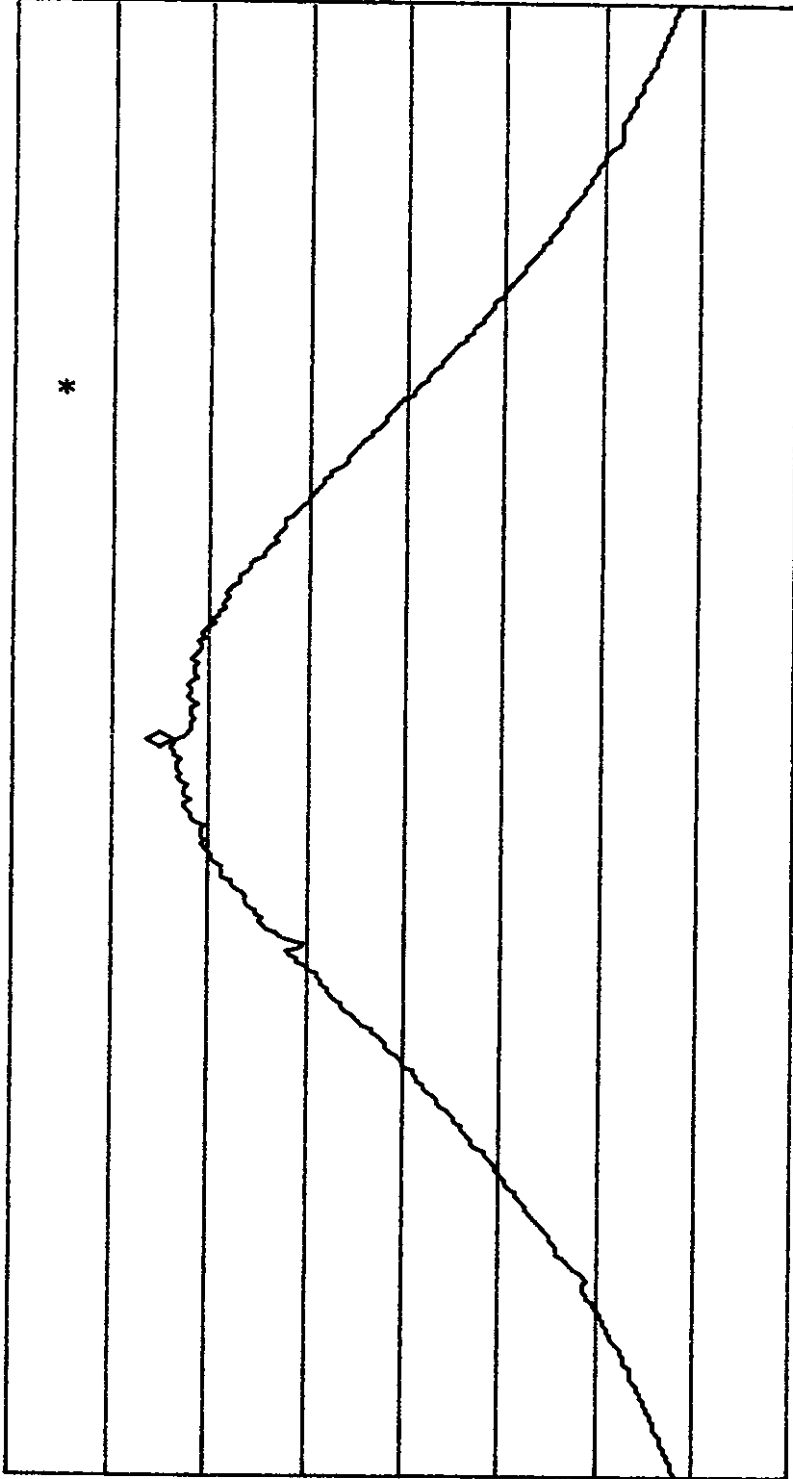
AVERAGE BANDWIDTH
1.0 Hz

FREQ 27.00 MHz
PEAK 89.2 dBµV/m
QP 88.6 dBµV/m
AVG 82.8 dBµV/m

LIN REF 84.9 dBµV/m

PREAMP ON

#ATN
30 dB



CENTER 26.9950 MHz

#IF BW 120 kHz #AVG BW 1.0 Hz

SPAN 200.0 kHz #SWP 50.0 sec

- MEAS TYPE:
- Radiated Prescan
 - Radiated Final
 - Conducted
 - Disturbance Power
 - Other

- ANTENNA/COUPLER:
- 9124 Bicon
 - 3146 Log Per
 - 3106 Horn
 - 3109 Bicon
 - 3115 Horn
 - CBL6140 X-Wing
 - MDS-21 Clamp
 - NSLK 8126 LISN
 - NNB-4/63TL LISN

- POLARIZATION:
- Horizontal
 - Vertical
 - NA

- DISTANCE:
- 3 Meter
 - 10 Meter
 - Meter
 - NA

- LOCATION:
- OATS
 - Semi-Anechoic
 - Shielded Room
 - Other



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14:12:06 14 NOV 1998

MFR: ~~LEGO~~ MODEL: ~~CYBERMASTER~~

PRELIM/FINAL

SWEPTIME
100 sec

ACTV DET: AVG
MEAS DET: PEAK QP AVG
MKR 26.9950 MHz
63.47 dB μ V/m

LIN REF 72.9 dB μ V/m

PREAMP ON

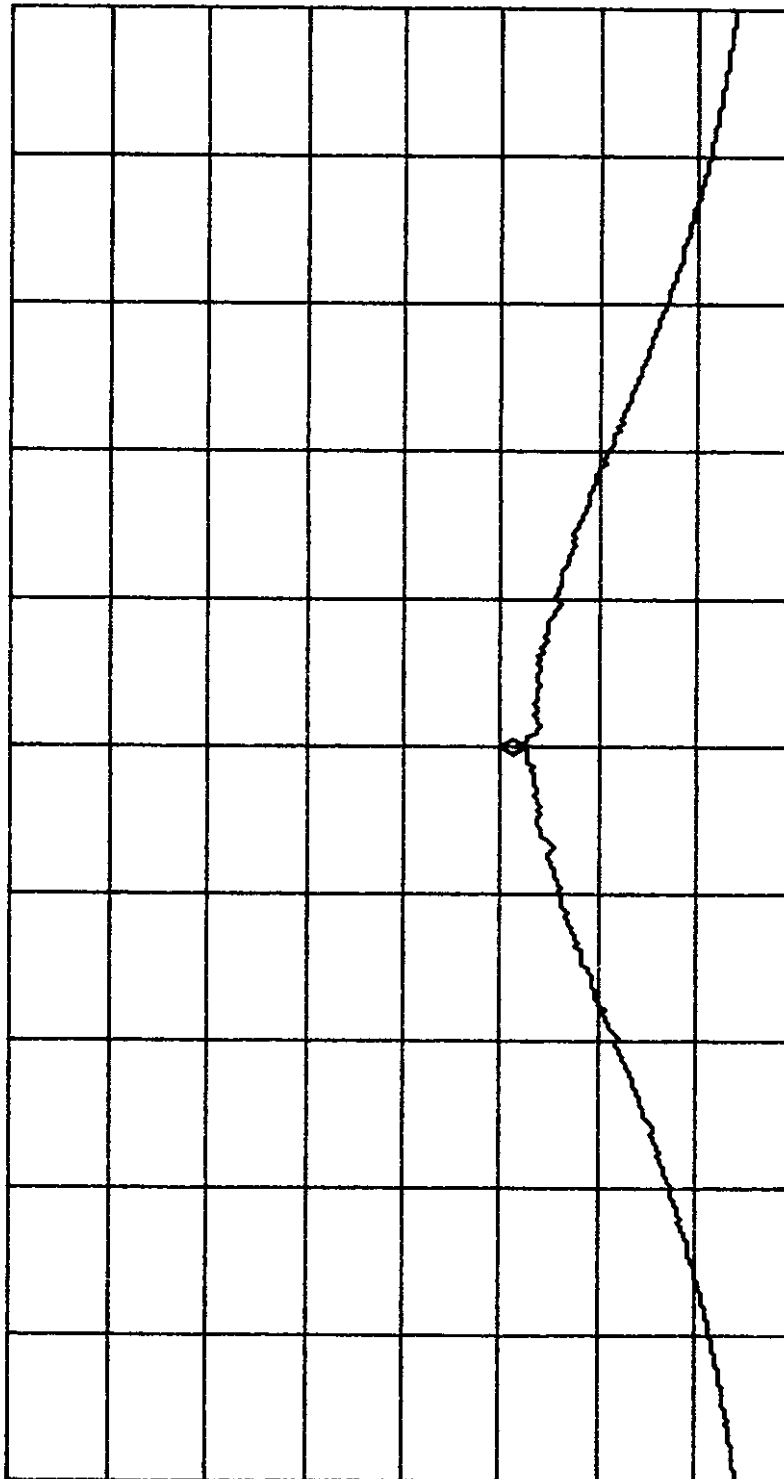
- MEAS TYPE:
- Radiated Prescan
 - Radiated Final
 - Conducted
 - Disturbance Power
 - Other

- ANTENNA/COUPLER:
- 9124 Bicon
 - 3146 Log Per
 - 3106 Horn
 - 3109 Bicon
 - 3115 Horn
 - CBL6140 X-Wing
 - MDS-21 Clamp
 - NSLK 8126 LISN
 - NNB-4/63TL LISN

- POLARIZATION:
- Horizontal
 - Vertical
 - NA

- DISTANCE:
- 3 Meter
 - 10 Meter
 - Meter
 - NA

- LOCATION:
- OATS
 - Semi-Anechoic
 - Shielded Room
 - Other



#ATN
40 dB

VA SB
SC FC
ACORR

CENTER 26.9950 MHz
#IF BW 120 kHz
#AVG BW 1.0 Hz
SPAN 200.0 kHz
#SWP 100 sec

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12:26:53 20 NOV 1998

MFR: LEGO

MODEL CYBERMASTER

PRELIM FINAL

- MEAS TYPE:
- Radiated Prescan
 - Radiated Final
 - Conducted
 - Disturbance Power
 - Other

ANTENNA/COUPLER:

- 9124 Bicon
- 3146 Log Per
- 3106 Horn
- 3109 Bicon
- 3115 Horn
- CBL6140 X-Wing
- MDS-21 Clamp
- NSLK 8126 LISN
- NNB-4/63TL LISN

POLARIZATION:

- Horizontal
- Vertical
- NA

DISTANCE:

- 3 Meter
- 10 Meter
- Meter
- NA

LOCATION:

- OATS
- Semi-Anechoic
- Shielded Room
- Other

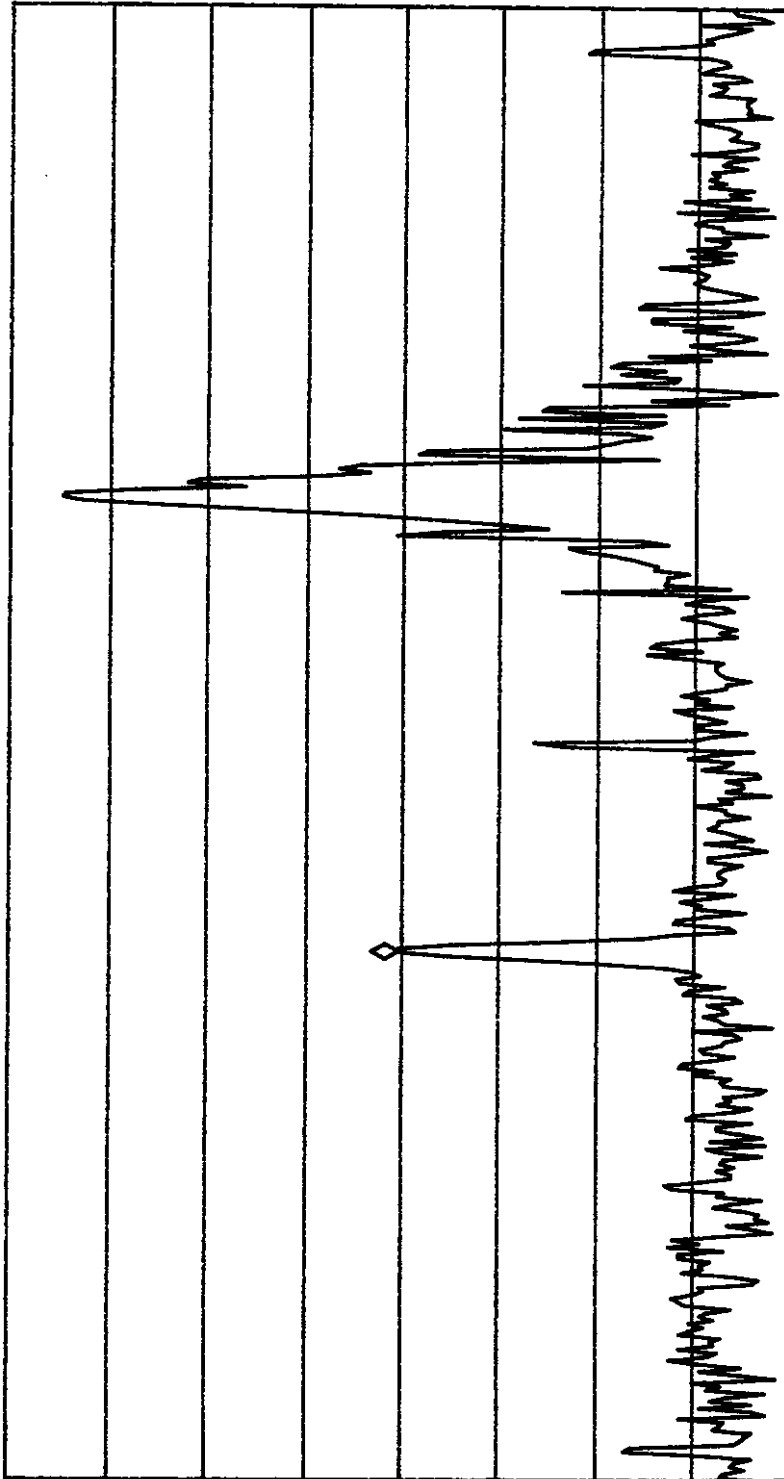


FREQ 26.54 MHz
 PEAK 40.0 dBμV/m
 QP 39.0 dBμV/m
 AVG 36.9 dBμV/m

PREAMP ON

REF 80.0 dBμV/m

LOG 10
 dB/
 #ATN
 10 dB



WA SB
 SC FS
 ACORR

START 26.000 MHz
 #IF BW 9.0 kHz
 STOP 27.500 MHz
 SWP 125 msec
 AVG BW 30 kHz

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12:31:06 20 NOV 1998

MFR: LE60 MODEL CYBERM452C

PRELIM/FINAL

NOTES:

- MEAS TYPE:
- Radiated Prescan
 - Radiated Final
 - Conducted
 - Disturbance Power
 - Other

REF LEVEL
80.0 dBμV/m

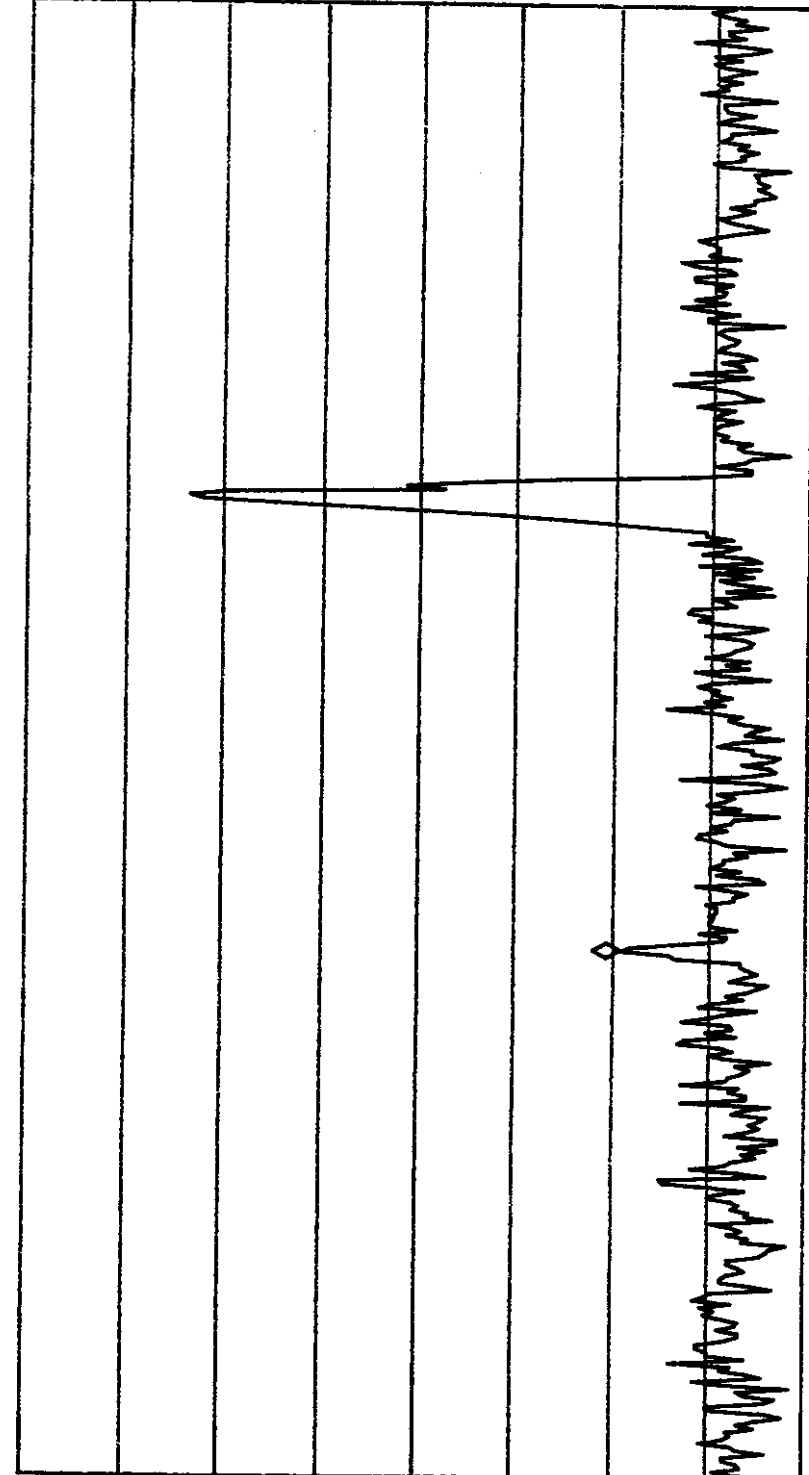
FREQ 26.54 MHz
PEAK 21.0 dBμV/m
QP 18.6 dBμV/m
AVG 16.6 dBμV/m

- ANTENNA/COUPLER:
- 9124 Bicon
 - 3146 Log Per
 - 3106 Horn
 - 3109 Bicon
 - 3115 Horn
 - CBL6140 X-Wing
 - MDS-21 Clamp
 - NSLK 8126 LISN
 - NNB-4/63TL LISN

REF 80.0 dBμV/m

PREAMP ON

LOG 10
dB/
#ATN
10 dB



START 26.000 MHz

#IF BW 9.0 kHz

AVG BW 30 kHz

STOP 27.500 MHz

SWP 125 msec



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10:34:26 18 NOV 1998

MFR: LEGO

MODEL CYBERMASTER

PRELIM/FINAL

NOTES: MAX HOLD TRACE

ANT H = 1.80M

MEAS TYPE:

- Radiated Prescan
- Radiated Final
- Conducted
- Disturbance Power
- Other

ANTENNA/COUPLER:

- 9124 Bicon
- 3146 Log Per
- 3106 Horn
- 3109 Bicon
- 3115 Horn
- CBL6140 X-Wing
- MDS-21 Clamp
- NSLK 8126 LISN
- NNB-4/63TL LISN

POLARIZATION:

- Horizontal
- Vertical
- NA

DISTANCE:

- 3 Meter
- 10 Meter
- Meter
- NA

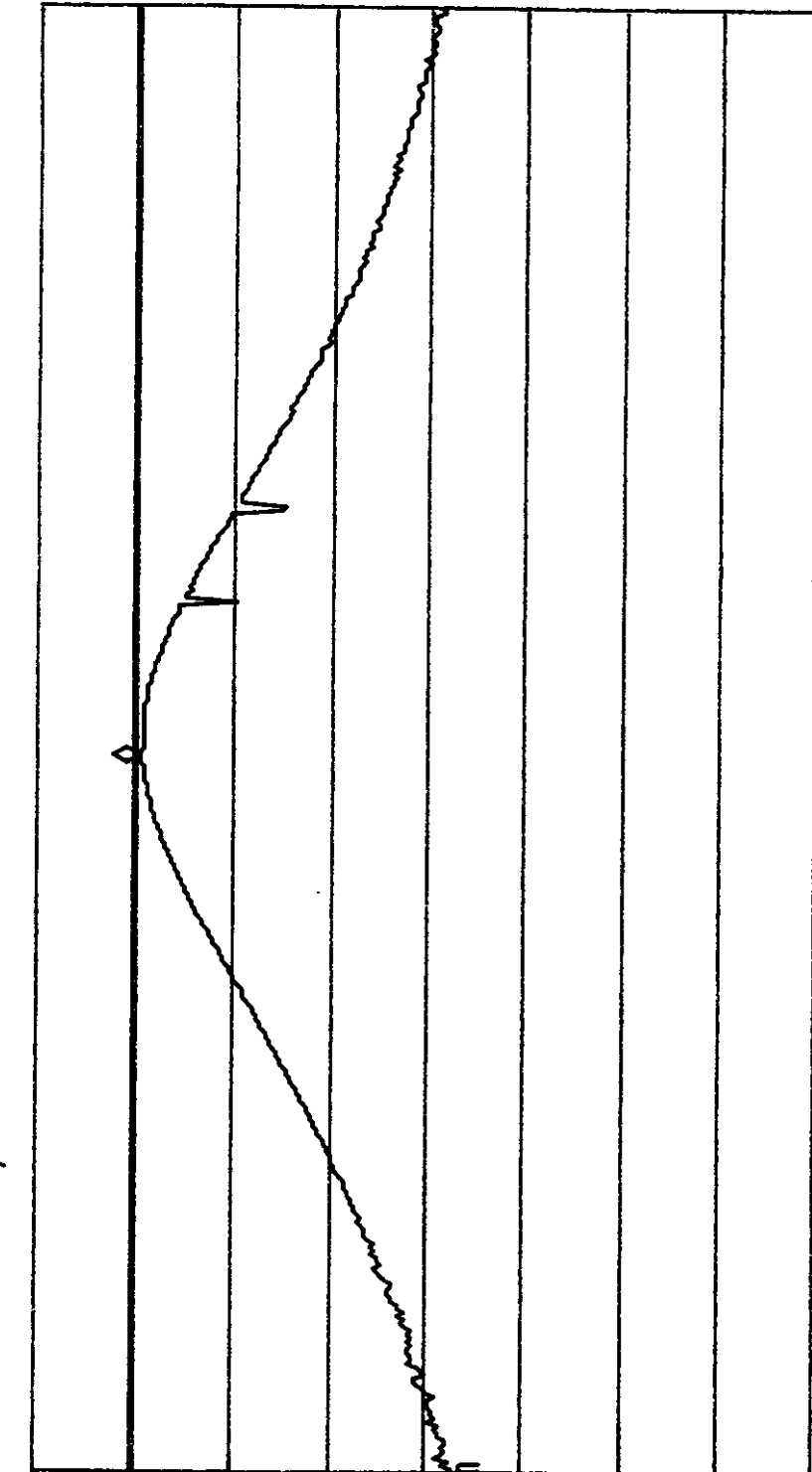
LOCATION:

- OATS
- Semi-Anechoic
- Shielded Room
- Other

FREQ 26.99 MHz
 PEAK 79.6 dBμV/m
 QP 79.1 dBμV/m
 AVG 71.2 dBμV/m

MARKER
 26.9950 MHz
 79.41 dBμV/m

LOG REF 90.0 dBμV/m



LOG 10
 dB/
 #ATN
 20 dB

DL 80.0
 dBμV/m
 VA SB
 SC FC
 ACORR

CENTER 27.0000 MHz
 #IF BW 120 kHz
 AVG BW 300 kHz
 SPAN 500.0 kHz
 #SWP 200 msec



TUV Rheinland of North America, Inc.

North American Headquarters

Web: <http://www.tuv.com> E-mail: info-new@tuv.com



10:31:55 18 NOV 1998

MFR: LEGO

MODEL CYBERMASTER

PRELIM/FINAL

NOTES: PEAK TRACE

ANT H = 1.80m

- MEAS TYPE:
- Radiated Prescan
 - Radiated Final
 - Conducted
 - Disturbance Power
 - Other

- ANTENNA/COUPLER:
- 9124 Bicon
 - 3146 Log Per
 - 3106 Horn
 - 3109 Bicon
 - 3115 Horn
 - CBL6140 X-Wing
 - MDS-21 Clamp
 - NSLK 8126 LISN
 - NNB-4/63TL LISN

- POLARIZATION:
- Horizontal
 - Vertical
 - NA

- DISTANCE:
- 3 Meter
 - 10 Meter
 - Meter
 - NA

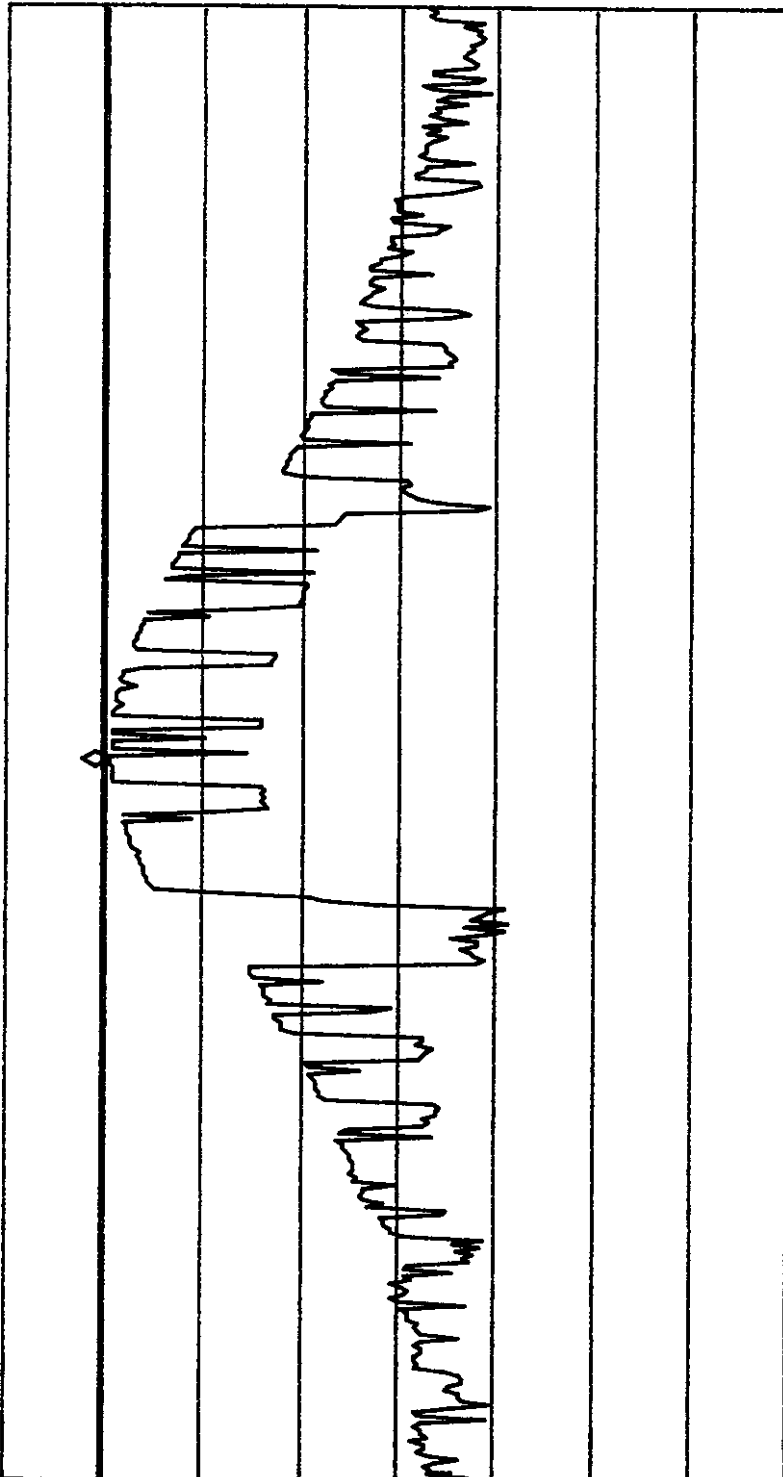
- LOCATION:
- OATS
 - Semi-Anechoic
 - Shielded Room
 - Other

FREQ 26.99 MHz
 PEAK 79.6 dBμV/m
 QP 79.1 dBμV/m
 AVG 71.2 dBμV/m

MARKER
 26.9950 MHz
 79.41 dBμV/m

LOG REF 90.0 dBμV/m

10 dB/
 #ATN
 20 dB



DL 80.0 dBμV/m
 WA SB
 SC FS
 ACORR

CENTER 27.0000 MHz
 #IF BW 120 kHz
 AVG BW 300 kHz
 SPAN 500.0 kHz
 #SWP 200 msec



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10:41:30 18 NOV 1998

MFR: LEGO

MODEL CYBERMASTER

PRELIM/FINAL

NOTES: ANT H = 2.14 M
PEAK TRACE

- MEAS TYPE:
- Radiated Prescan
 - Radiated Final
 - Conducted
 - Disturbance Power
 - Other

ANTENNA/COUPLER:

- 9124 Bicon
- 3146 Log Per
- 3106 Horn
- 3109 Bicon
- 3115 Horn
- CBL6140 X-Wing
- MDS-21 Clamp
- NSLK 8126 LISN
- NNB-4/63TL LISN

POLARIZATION:

- Horizontal
- Vertical
- NA

DISTANCE:

- 3 Meter
- 10 Meter
- Meter
- NA

LOCATION:

- OATS
- Semi-Anechoic
- Shielded Room
- Other

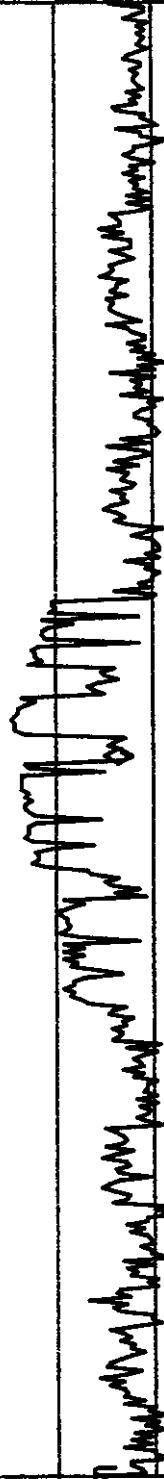


FREQ 26.99 MHz
 PEAK 55.5 dB μ V/m
 QP 53.5 dB μ V/m
 AVG 45.5 dB μ V/m

LOG REF 90.0 dB μ V/m

10 dB/
#ATN 20 dB

DL 80.0
dB μ V/m
WA SB
SC FS
ACORR



CENTER 27.0000 MHz SPAN 500.0 kHz
 #IF BW 120 kHz AVG BW 300 kHz #SWP 200 msec

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13:06:21 20 NOV 1998

MFR: LECO

MODEL CYBERMASTER

PRELIM/FINAL

NOTES:

MEAS TYPE:

- Radiated Prescan
- Radiated Final
- Conducted
- Disturbance Power
- Other

ANTENNA/COUPLER:

- 9124 Bicon H=1.5 M
- 3146 Log Per
- 3106 Horn
- 3109 Bicon
- 3115 Horn
- CBL6140 X-Wing
- MDS-21 Clamp
- NSLK 8126 LISN
- NNB-4/63TL LISN

POLARIZATION:

- Horizontal
- Vertical
- NA

DISTANCE:

- 3 Meter
- 10 Meter
- Meter
- NA

LOCATION:

- OATS
- Semi-Anechoic
- Shielded Room
- Other



Power

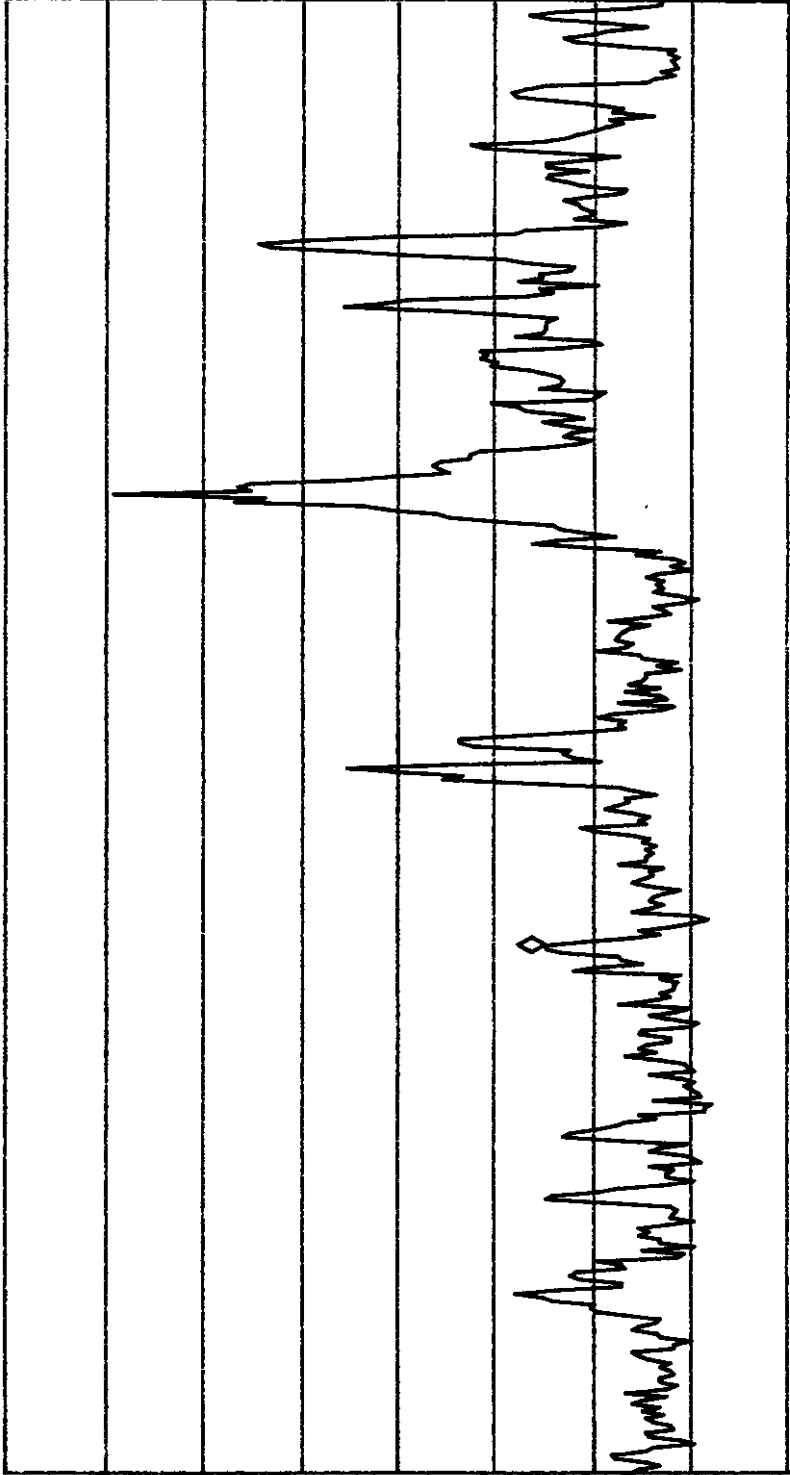
FREQ 26.54 MHz
 PEAK 16.2 dBμV/m
 QP 13.0 dBμV/m
 AVG 10.0 dBμV/m

REN TRUE

LOG REF 70.0 dBμV/m

PREAMP ON

10 dB/
 #ATN 0 dB



WA SB
 SC FS
 ACORR

START 26.000 MHz
 #IF BW 9.0 kHz
 STOP 27.500 MHz
 AVG BW 30 kHz
 #SWP 300 msec

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 North American Headquarters
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 13:13:00 20 NOV 1998
 MFR: LEGO

NOTES:

MODEL CYBERTEST PRELIM/FINAL

FREQ 26.54 MHz
 PEAK 14.1 dB μ V/m
 QP 4.2 dB μ V/m
 AVG -5.7 dB μ V/m

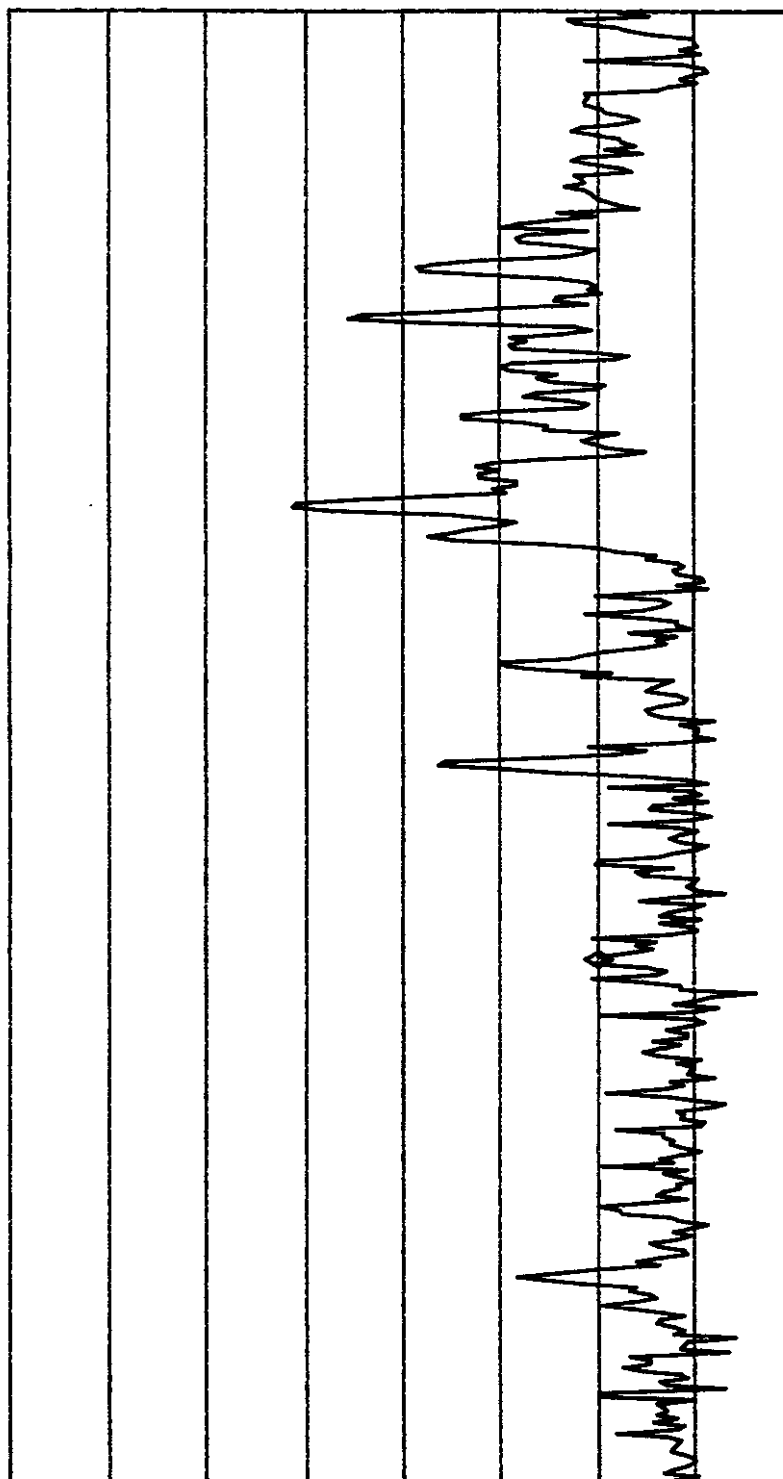
REN TRUE

LOG REF 70.0 dB μ V/m

PREAMP ON

10 dB/
 #ATN
 0 dB

WA SB
 SC FS
 ACORR



START 26.000 MHz
 #IF BW 9.0 kHz
 STOP 27.500 MHz
 #SWP 300 msec
 AVG BW 30 kHz

- MEAS TYPE:**
- Radiated Prescan
 - Radiated Final *H=3.5*
 - Conducted
 - Disturbance Power
 - Other

ANTENNA/COUPLER:

- 9124 Bicon
- 3146 Log Per
- 3106 Horn
- 3109 Bicon
- 3115 Horn
- CBL6140 X-Wing
- MDS-21 Clamp
- NSLK 8126 LISN
- NNB-4/63TL LISN

POLARIZATION:

- Horizontal
- Vertical
- NA

DISTANCE:

- 3 Meter
- 10 Meter
- Meter
- NA

LOCATION:

- OATS
- Semi-Anechoic
- Shielded Room
- Other

