



Declaration of Conformity

July 29, 1997

The following designated product

Switching Power Supply

EPA-201DX₁ -XXX

(X₁ =A--2 PIN Power Cord or BRANK--3 PIN Power Cord)

(X=0~9, A~Z)

complies with the essential protection requirements of Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

To the judgment of the product with regard to EMC according following regulations

EN 55022:1994/A1:1995 Class B

EN 50082-1 (IEC 801-2:1984, IEC 801-3:1984, IEC 801-4:1988)

This declaration is given for the manufacturer

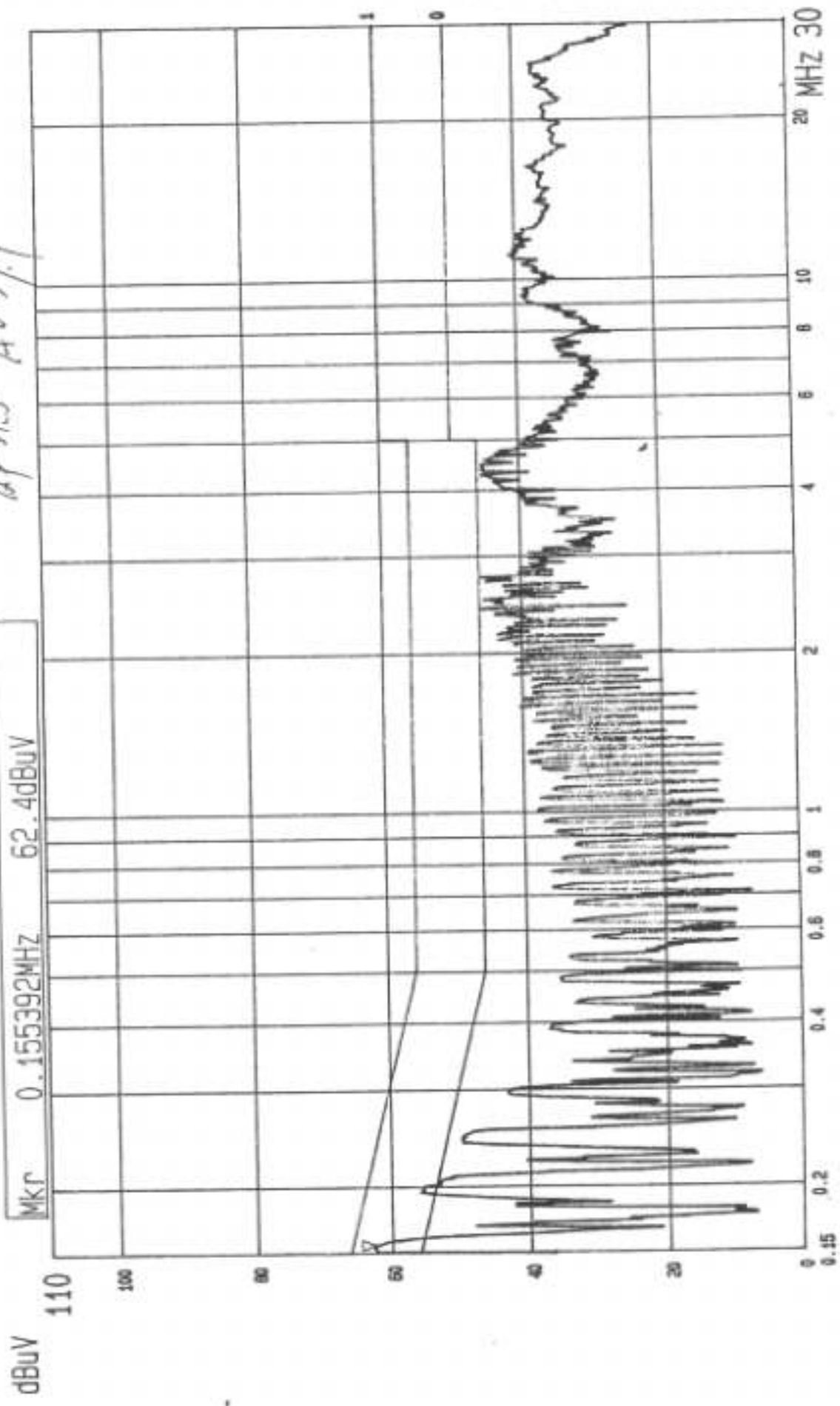
and declared by

Company :

Address :

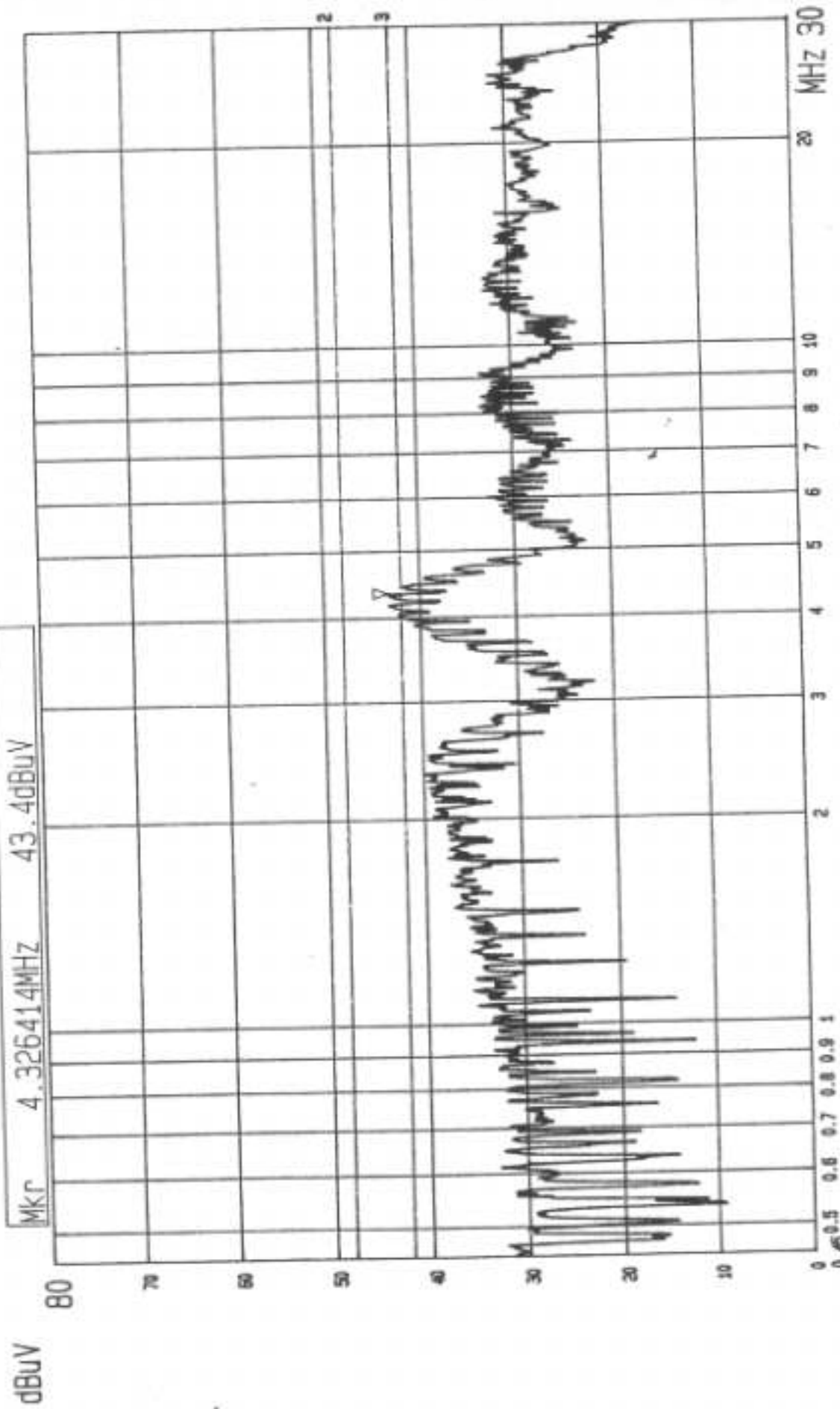
AP 51.5 Av > 9.9

Mkr 0.155392MHz 62.4dBuv



---- Date 14.SEP.'98 Time 11:10:10 (PEAK VALUE)
CISPR 22 CLASS B CONDUCTION TEST
MODEL: EPA-2010 -24

ADT CORP
LISN: L



dBuV

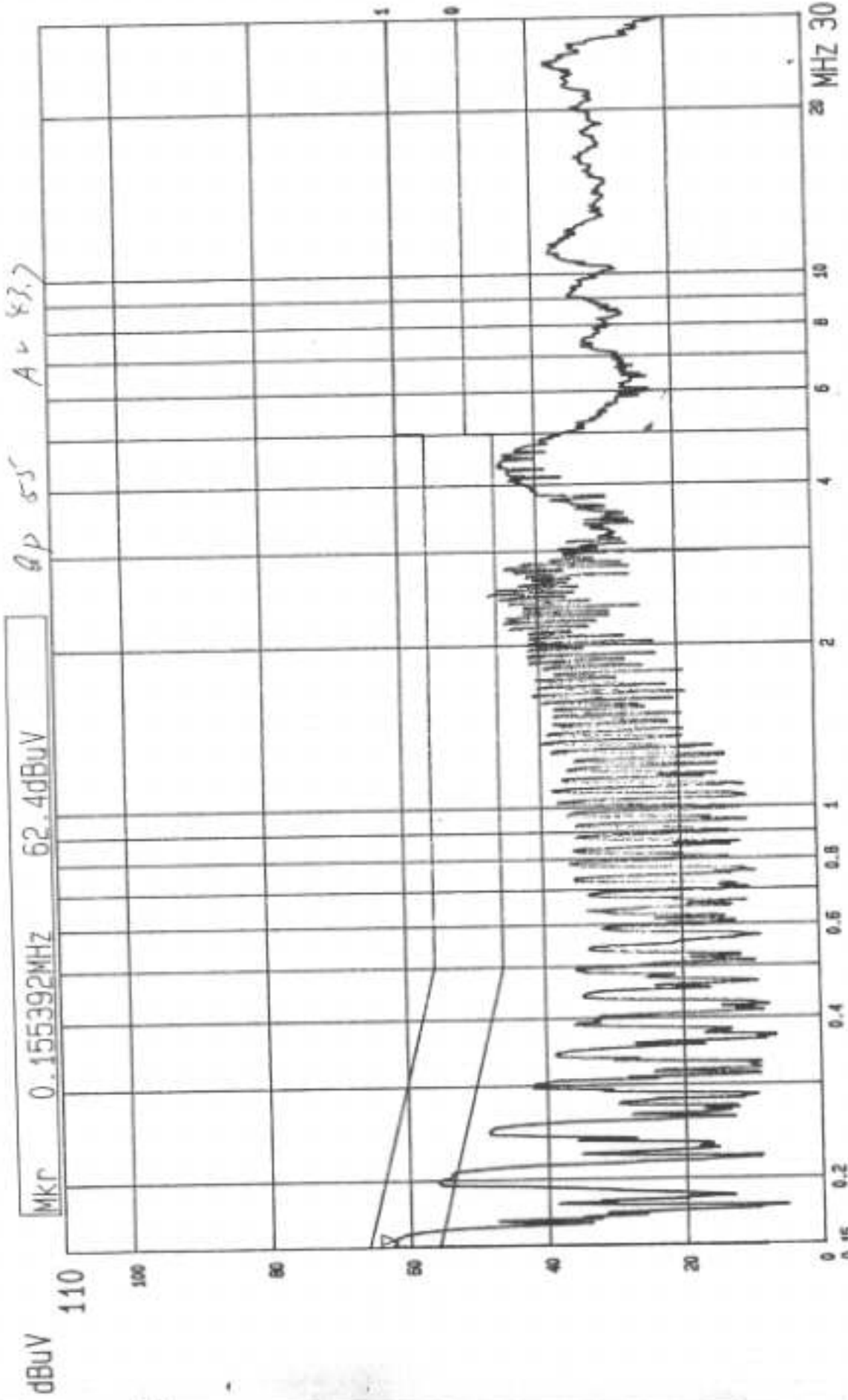
MKF 4.326414MHZ 43.4dBuV

---- Date 14.SEP.'98 Time 11:17:01

CISPR 22 CLASS B CONDUCTION TEST (PEAK VALUE)

MODEL: EPA-201D -24

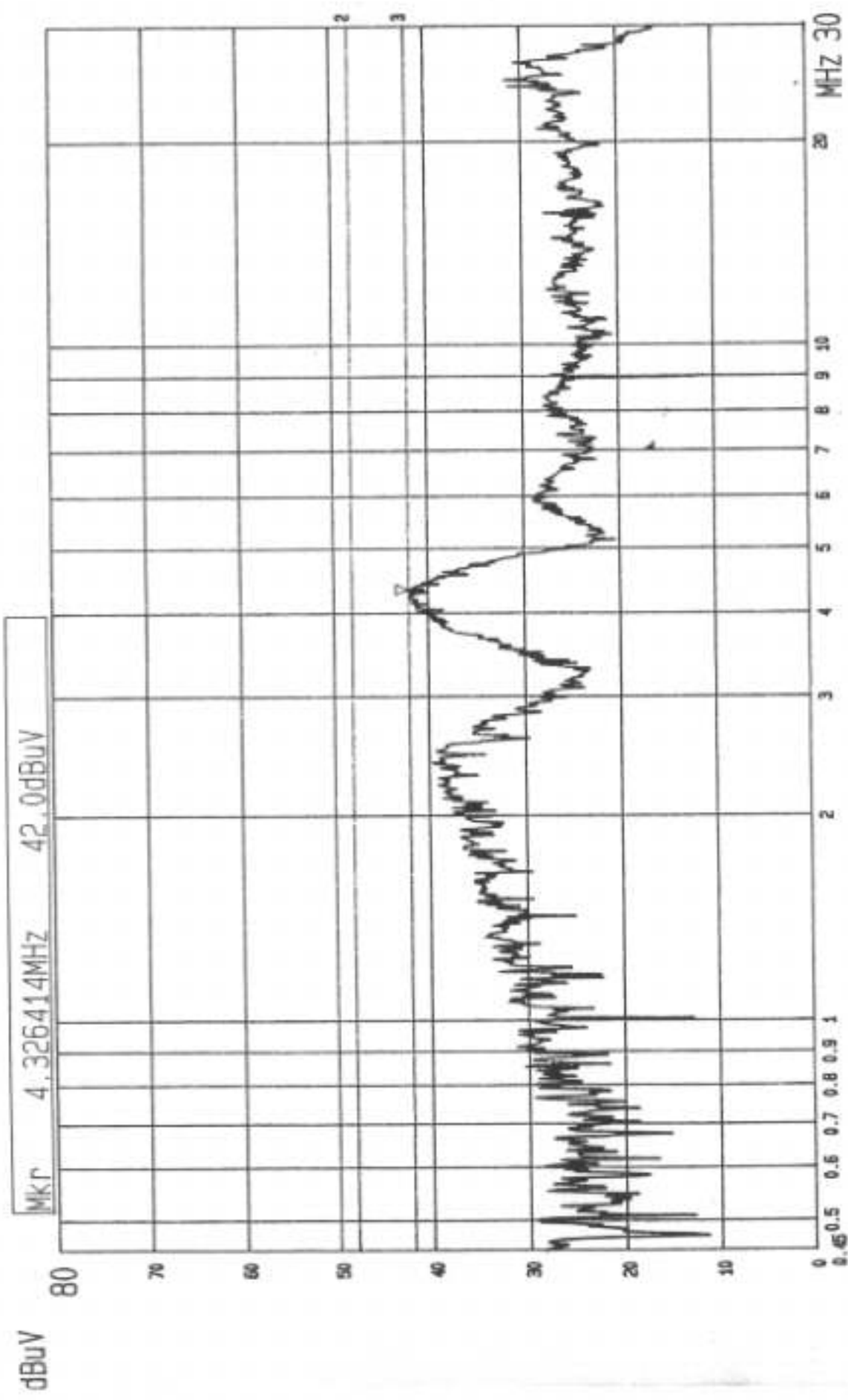
ADT CORP
LISN: L



ADT CORP
LISN: N

(PEAK VALUE)

---- Date 14.SEP.'98 Time 11:12:30
CISPR 22 CLASS B CONDUCTION TEST
MODEL: EPA-201D -24



Date 14.SEP.'98 Time 11:15:04
 CISPR 22 CLASS B CONDUCTION TEST (PEAK VALUE)
 MODEL: EPA-2010 -24

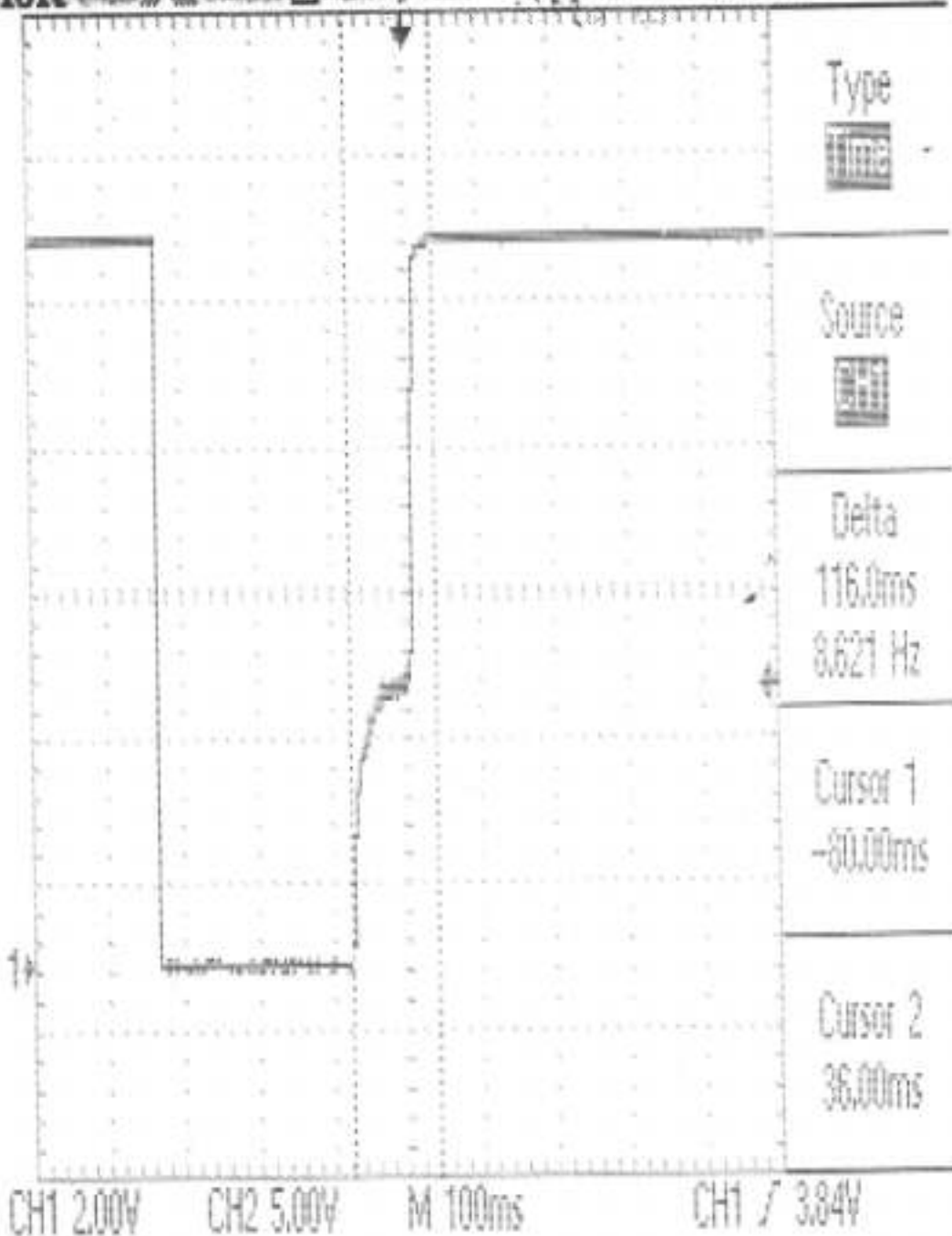
ADT CORP
 LISN: N

Tek

Ready

M. Pos: -4.000ms

CURSOR



1. DESCRIPTION OF THE EQUIPMENT UNDER TEST

1.1. GENERAL DESCRIPTION OF EQUIPMENT UNDER TEST

APPLICANT:

ADDRESS:

EQUIPMENT: SWITCHING ADAPTER

MODEL NO: EPA-201D-24

TRADE MARK:

POWER CORD: NON-SHIELDED

DATA CABLE: N/A

POWER SUPPLY: AC/DC ADAPTER

POWER ADAPTER CABLE : NON-SHIELDED

FERRITE CORE: N/A

FEATURE:

• Input :

- AC input voltage : 90 VAC to 260 VAC.
- AC input current : 1A. Max for 120 VAC.
- AC input frequency : 47 Hz to 63 Hz.

• Protection :

- Over voltage protection : at 27
- Circuit short protection : auto recovery when short circuit was removed.

• Overall performance:

- Switching frequency : 100 KHz normal.
- Efficiency : 70 % typical.

• Environmental :

- Operation temperature : 0 °C to 50 °C.
- Storage humidity : 20 % to 90 RH.

3. TEST RESULTS OF IMMUNITY

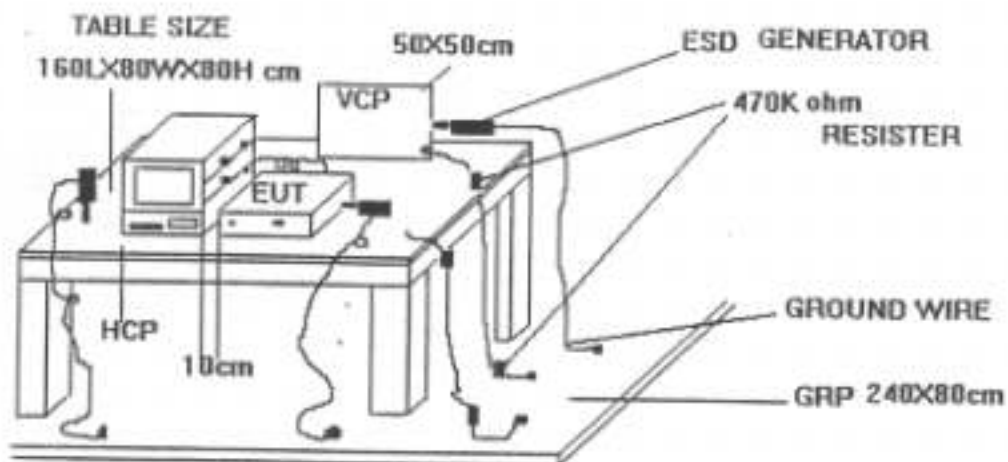
3.1. SUSCEPTIBILITY TO ELECTROSTATIC DISCHARGES(ESD)

RESULT:

PASS

BASIC STANDARD:	IEC 801-2
GENERIC STANDARD:	EN 50 082-1
PERFORMANCE CRITERIA:	B
LEVEL:	2
TESTED VOLTAGE:	8 KV FOR AIR DISCHARGE 4 KV FOR CONTACT DISCHARGE AND
TEMPERATURE:	29 ° C
REACTIVE HUMIDITY:	48 %

3.1.1. TEST SETUP



3.1.2. TEST POINTS

3.1.2.1. DIRECT APPLICATION OF DISCHARGE

POINT	VOLTAGE	TESTED NO.	OBSERVATION	RESULT
CASE	2/4/8	+/- BY 10	NORMAL	<u>PASS</u>
AC SOCKET	2/4/8	+/- BY 10	NORMAL	<u>PASS</u>
DC CABLE	2/4/8	+/- BY 10	NORMAL	<u>PASS</u>
OUTPUT CONNECTOR	2/4/8	+/- BY 10	NORMAL	<u>PASS</u>

3.1.2.2. INDIRECT APPLICATION OF DISCHARGE

POLARITY	VOLTAGE	TESTED NO.	OBSERVATION	RESULT
HORIZONTAL(AT FRONT)	2/4	+/- BY 10	NORMAL	<u>PASS</u>
HORIZONTAL (AT LEFT)	2/4	+/- BY 10	NORMAL	<u>PASS</u>
HORIZONTAL (AT RIGHT)	2/4	+/- BY 10	NORMAL	<u>PASS</u>
HORIZONTAL (AT REAR)	2/4	+/- BY 10	NORMAL	<u>PASS</u>
VERTICAL (AT FRONT)	2/4	+/- BY 10	NORMAL	<u>PASS</u>
VERTICAL (AT LEFT)	2/4	+/- BY 10	NORMAL	<u>PASS</u>
VERTICAL (AT RIGHT)	2/4	+/- BY 10	NORMAL	<u>PASS</u>
VERTICAL (AT REAR)	2/4	+/- BY 10	NORMAL	<u>PASS</u>

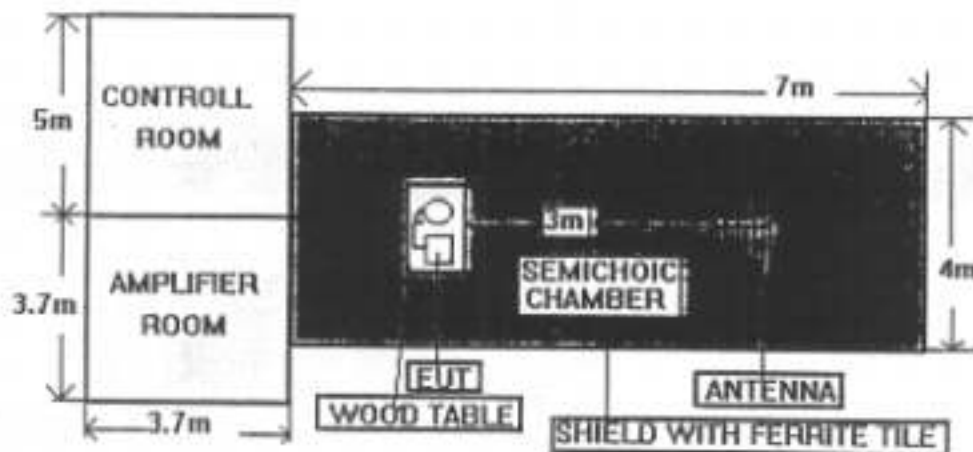
3.2. SUSCEPTIBILITY TO FREQUENCY ELECTROMAGNETIC FIELDS (RS)

RESULT:

PASS

BASIC STANDARD:	IEC 801-3
GENERIC STANDARD:	EN 50 082-1
PERFORMANCE CRITERIA:	A
LEVEL:	2
FREQUENCY RANGE:	27 TO 500 MHz
FIELD STRENGTH:	3 V/m (UNMODULATED)
TEMPERATURE:	29 ° C
REACTIVE HUMIDITY:	48 %

3.2.1. TEST SETUP



3.3. SUSCEPTIBILITY TO FAST TRANSIENT INTERFERENCE (BURSTS)

RESULT:

PASS

BASIC STANDARD:	IEC 801-4
GENERIC STANDARD:	EN 50 082-1
PERFORMANCE CRITERIA:	B
LEVEL:	2
TESTED VOLTAGE:	0.5/1 KV
TEMPERATURE:	29 ° C
REACTIVE HUMIDITY:	48 %

3.3.1. TEST SETUP

